

APPENDICES – ADVERSE HEALTH EFFECTS FOLLOWING HERBICIDE EXPOSURE

Appendix 1 – Query to Retrieve Pubmed Records

The query consists of six components:

The first is a MeSH component with sub-headings, and consists of Herbicide MeSH terms with subheadings Adverse Effects/Toxicity applied (e.g., Herbicides/Adverse Effects).

The second is a MeSH component without sub-headings, and consists of Herbicide MeSH terms intersected with Adverse Effects MeSH terms (e.g., Herbicides [mh] AND Diseases [mh])

The third is a combined Herbicide MeSH and Adverse Effects Text component, and consists of Herbicide MeSH terms intersected with Adverse Effects Text terms (e.g., Paraquat [mh] AND “Parkinson’s Disease” [tiab]).

The fourth is a combined MeSH and Text component, and consists of Adverse Effects MeSH terms intersected with Herbicide Text terms (e.g., 2,4,5-TRICHLOROPHENOXYACETIC ACID [mh] AND glyphosate [tiab]).

The fifth is a Text component, and consists of Text representations of all Herbicides recognized by Pubmed intersected with Text representations of disease/damage terms (e.g., Diquat [ti] AND “Parkinson’s Disease” [tiab]).

The sixth component is an extra filtering step after the articles have been retrieved from Pubmed.

The original query plan was to include a seventh component utilizing the citation network (e.g., citing papers, bibliographic coupling, etc.). However, the Pubmed search engine is the wrong tool for traversing the citation network, so the six components used were viewed as adequate for the study.

While the six-component query is by far the most comprehensive I have seen for any herbicide study, it could still be improved in a better-resourced study. In particular, the herbicide text terms could be expanded. In the data sources I accessed for the study, there was not complete agreement on what constitutes an Herbicide, and even less agreement on how to represent the Herbicide in text format. While the non-formula representations were mainly similar, the formula representations were all over the map. Because of Excel’s format sensitivities, entering a source version of the formula into Excel did not guarantee it would be recognized by the search engine.

1. INTERSECTION OF HERBICIDE MESH COMPONENT WITH DAMAGE SUB-HEADING MESH COMPONENT (12,888 records)

(2,4,5-TRICHLOROPHENOXYACETIC ACID/ADVERSE EFFECTS OR 2,4,5-TRICHLOROPHENOXYACETIC ACID/TOXICITY OR 2,4-DICHLOROPHENOXYACETIC ACID/ADVERSE EFFECTS OR 2,4-DICHLOROPHENOXYACETIC ACID/TOXICITY OR 2-METHYL-4-CHLOROPHENOXYACETIC ACID/ADVERSE EFFECTS OR 2-METHYL-4-CHLOROPHENOXYACETIC ACID/TOXICITY OR ACROLEIN/ADVERSE EFFECTS OR ACROLEIN/TOXICITY OR AMITROLE/ADVERSE EFFECTS OR AMITROLE/TOXICITY OR ATRAZINE/ADVERSE EFFECTS OR ATRAZINE/TOXICITY OR CACODYLIC ACID/ADVERSE EFFECTS OR CACODYLIC ACID/TOXICITY OR CHLORPROPHAM/ADVERSE EFFECTS OR CHLORPROPHAM/TOXICITY OR CYANAMIDE/ADVERSE

EFFECTS OR CYANAMIDE/TOXICITY OR DEFOLIANTS, CHEMICAL/ADVERSE EFFECTS OR DEFOLIANTS, CHEMICAL/TOXICITY OR DICAMBA/ADVERSE EFFECTS OR DICAMBA/TOXICITY OR DIQUAT/ADVERSE EFFECTS OR DIQUAT/TOXICITY OR DIURON/ADVERSE EFFECTS OR DIURON/TOXICITY OR GLYPHOSATE/ADVERSE EFFECTS OR GLYPHOSATE/TOXICITY OR HERBICIDES/ADVERSE EFFECTS OR HERBICIDES/TOXICITY OR LINURON/ADVERSE EFFECTS OR LINURON/TOXICITY OR PICLORAM/ADVERSE EFFECTS OR PICLORAM/TOXICITY OR PARAQUAT/ADVERSE EFFECTS OR PARAQUAT/TOXICITY OR PENTACHLOROPHENOL/ADVERSE EFFECTS OR PENTACHLOROPHENOL/TOXICITY OR PROMETRYNE/ADVERSE EFFECTS OR PROMETRYNE/TOXICITY OR PROPANIL/ADVERSE EFFECTS OR PROPANIL/TOXICITY OR SIMAZINE/ADVERSE EFFECTS OR SIMAZINE/TOXICITY OR TRIALLATE/ADVERSE EFFECTS OR TRIALLATE/ TRIALLATE TOXICITY OR TRIFLURALIN/ADVERSE EFFECTS OR TRIFLURALIN/TOXICITY)

2. INTERSECTION OF HERBICIDE MESH COMPONENTS WITH DAMAGE MESH COMPONENTS (7,024 results)

((2,4,5-TRICHLOROPHENOXYACETIC ACID [mh] OR 2,4-DICHLOROPHENOXYACETIC ACID [mh] OR 2-METHYL-4-CHLOROPHENOXYACETIC ACID [mh] OR ACROLEIN [mh] OR AMITROLE [mh] OR ATRAZINE [mh] OR CACODYLIC ACID [mh] OR CHLORPROPHAM [mh] OR CYANAMIDE [mh] OR DEFOLIANTS, CHEMICAL [mh] OR DICAMBA [mh] OR DIQUAT [mh] OR DIURON [mh] OR GLYPHOSATE [mh] OR HERBICIDES [mh] OR LINURON [mh] OR PICLORAM [mh] OR PARAQUAT [mh] OR PENTACHLOROPHENOL [mh] OR PROMETRYNE [mh] OR PROPANIL [mh] OR SIMAZINE [mh] OR TRIALLATE [mh] OR TRIFLURALIN [mh]) AND (Infections [mh] OR Neoplasms [mh] OR Musculoskeletal Diseases [mh] OR Digestive System Diseases [mh] OR Stomatognathic Diseases [mh] OR Respiratory Tract Diseases [mh] OR Otorhinolaryngologic Diseases [mh] OR Nervous System Diseases [mh] OR Eye Diseases [mh] OR Urogenital Diseases [mh] OR Cardiovascular Diseases [mh] OR Hemic and Lymphatic Diseases [mh] OR Congenital, Hereditary, and Neonatal Diseases and Abnormalities [mh] OR Skin and Connective Tissue Diseases [mh] OR Nutritional and Metabolic Diseases [mh] OR Endocrine System Diseases [mh] OR Immune System Diseases [mh] OR Disorders of Environmental Origin [mh] OR Animal Diseases [mh] OR Pathological Conditions, Signs and Symptoms [mh] OR Occupational Diseases [mh] OR Chemically-Induced Disorders [mh] OR Mental Disorders [mh]))

3. INTERSECTION OF HERBICIDE MESH AND DAMAGE TEXT COMPONENTS (14,694 results)

((2,4,5-TRICHLOROPHENOXYACETIC ACID [mh] OR 2,4-DICHLOROPHENOXYACETIC ACID [mh] OR 2-METHYL-4-CHLOROPHENOXYACETIC ACID [mh] OR ACROLEIN [mh] OR AMITROLE [mh] OR ATRAZINE [mh] OR CACODYLIC ACID [mh] OR CHLORPROPHAM [mh] OR CYANAMIDE [mh] OR DEFOLIANTS, CHEMICAL [mh] OR DICAMBA [mh] OR DIQUAT [mh] OR DIURON [mh] OR GLYPHOSATE [mh] OR HERBICIDES [mh] OR LINURON [mh] OR PICLORAM [mh] OR PARAQUAT [mh] OR PENTACHLOROPHENOL [mh] OR PROMETRYNE [mh] OR PROPANIL [mh] OR SIMAZINE [mh] OR TRIALLATE [mh] OR TRIFLURALIN [mh]) AND (ache [ti] OR "acoustic neuroma*" [ti] OR acute [ti] OR adenoma* [ti] OR adenopathy [ti] OR adrenal [ti] OR "adverse effect*" [ti] OR ageusia* [ti] OR allerg* [ti] OR alopecia* [ti] OR alzheimer* [ti] OR amyotrophic [ti] OR anaemi* [ti] OR anal [ti] OR anaphyl* [ti] OR androgenic [ti] OR anemi* [ti] OR aneuploidy [ti] OR aneurysm* [ti] OR angioedema* [ti] OR anorexia* [ti] OR anosmia* [ti] OR anxiety [ti])

OR aplastic [ti] OR arter* [ti] OR arthritis* [ti] OR arthropath* [ti] OR ascites* [ti] OR asthma* [ti] OR astrocytoma* [ti] OR autism* [ti] OR autoimmun* [ti] OR azoospermia* [ti] OR "biliary cholangitis*" [ti] OR "birth defect*" [ti] OR bladder* [ti] OR blastoma* [ti] OR bleed* [ti] OR blindness* [ti] OR blister* [ti] OR blood [ti] OR bone [ti] OR bowel* [ti] OR brain [ti] OR breath* [ti] OR bronch* [ti] OR bullous* [ti] OR bursitis* [ti] OR cancer* [ti] OR carcino* [ti] OR cardi* [ti] OR "carpal tunnel syndrome*" [ti] OR cataplex* [ti] OR celiac* [ti] OR cerebr* [ti] OR choroid* [ti] OR chronic* [ti] OR cirrhosis* [ti] OR clot [ti] OR clots [ti] OR clotting [ti] OR cognitive [ti] OR colitis [ti] OR colon [ti] OR congestion [ti] OR "connective tissue disorder*" [ti] OR constipat* [ti] OR convulsi* [ti] OR copd [ti] OR cornea* [ti] OR coronary* [ti] OR cortical [ti] OR cranial [ti] OR crohn* [ti] OR cutaneous [ti] OR cyanosis* [ti] OR cystitis [ti] OR cytotoxic* [ti] OR dead* [ti] OR deaf* [ti] OR death [ti] OR defects [ti] OR deficiency [ti] OR dement* [ti] OR depression [ti] OR derm* [ti] OR diabet* [ti] OR dialysis* [ti] OR diarrh* [ti] OR "digestive system" [ti] OR "digestive tract" [ti] OR diphtheria [ti] OR disabilit* [ti] OR disease* [ti] OR disorder* [ti] OR diverticulitis* [ti] OR dizziness* [ti] OR dugesia [ti] OR dysbiosis [ti] OR dysfunction [ti] OR dysregulat* [ti] OR dystrophy [ti] OR ear [ti] OR eczema [ti] OR edema* [ti] OR embol* [ti] OR embryo* [ti] OR emphysema [ti] OR enceph* [ti] OR endocrine [ti] OR endometriosis [ti] OR endothel* [ti] OR eosinophili* [ti] OR epistaxis* [ti] OR epitheliopathy [ti] OR erupt* [ti] OR erythema* [ti] OR erythr* [ti] OR esophag* [ti] OR exacerbat* [ti] OR eye [ti] OR eyes [ti] OR fabry* [ti] OR failure [ti] OR fatal* [ti] OR fatigue [ti] OR febrile [ti] OR fertility [ti] OR fibrillation* [ti] OR fibrin* [ti] OR fibroblast* [ti] OR fibrodysplasia [ti] OR fibromyalgia [ti] OR fibrosis [ti] OR flare* [ti] OR fracture* [ti] OR gammopathy [ti] OR gangren* [ti] OR gastrinoma [ti] OR gastrointestinal [ti] OR genotoxic* [ti] OR gland* [ti] OR glio* [ti] OR goiter* [ti] OR goitre* [ti] OR gonad* [ti] OR gout [ti] OR grave* [ti] OR guillain* [ti] OR haematuria [ti] OR haemo* [ti] OR hashimoto* [ti] OR headache* [ti] OR "hearing loss*" [ti] OR heart [ti] OR hematological [ti] OR hematuria* [ti] OR hemo* [ti] OR hepat* [ti] OR hernia* [ti] OR herpes* [ti] OR "high blood pressure" [ti] OR histamine* [ti] OR hodgkin* [ti] OR hormon* [ti] OR hospitalis* [ti] OR hospitaliz* [ti] OR huntington* [ti] OR hyperacusis [ti] OR hyperplasia [ti] OR hypertension [ti] OR hypoxia [ti] OR illness* [ti] OR immunocompromised [ti] OR immunodeficiency [ti] OR immunopathology [ti] OR "immune system" [ti] OR "immune deficien*" [ti] OR "immune evasion" [ti] OR "immune suppression" [ti] OR "immune tolerance" [ti] OR immunosuppress* [ti] OR impair* [ti] OR infertility [ti] OR inflamm* [ti] OR ingest* [ti] OR inhal* [ti] OR injur* [ti] OR "interstitial cystitis*" [ti] OR intestin* [ti] OR intoxicat* [ti] OR irreversible [ti] OR ischem* [ti] OR kidney* [ti] OR labyrinthitis [ti] OR leprosy [ti] OR lesion* [ti] OR lethal* [ti] OR letharg* [ti] OR leukaemia [ti] OR leukemia [ti] OR "lichen planus" [ti] OR liguria [ti] OR "lipid peroxidation" [ti] OR liver [ti] OR livers [ti] OR lung [ti] OR lungs [ti] OR lupus [ti] OR lymphoma [ti] OR macula* [ti] OR malformation* [ti] OR malignan* [ti] OR "mammary gland*" [ti] OR mania* [ti] OR marrow [ti] OR mastocytosis [ti] OR measles [ti] OR melanoma [ti] OR memory [ti] OR meniere* [ti] OR mening* [ti] OR menopaus* [ti] OR menstru* [ti] OR metabol* [ti] OR metasta* [ti] OR microhematuria* [ti] OR mis-c* [ti] OR miscarriag* [ti] OR mitochondrial [ti] OR mononucleosis [ti] OR morbidity [ti] OR mortality [ti] OR motor* [ti] OR mumps [ti] OR muscle* [ti] OR muscul* [ti] OR mutagen* [ti] OR myasthenia [ti] OR myel* [ti] OR myopi* [ti] OR myositis [ti] OR narcolep* [ti] OR nausea [ti] OR neonate* [ti] OR neoplas* [ti] OR nephri* [ti] OR nephro* [ti] OR nerv* [ti] OR neura* [ti] OR neuri* [ti] OR neuro* [ti] OR nitrosamine [ti] OR nosebleed* [ti] OR numbness [ti] OR obes* [ti] OR occlu* [ti] OR occupation* [ti] OR ocul* [ti] OR offspring [ti] OR olfactory [ti] OR oligospermia [ti] OR oncogen* [ti] OR (onset [ti] NOT focal-onset [ti]) OR ophthal* [ti] OR optic* [ti] OR osteo* [ti] OR otitis [ti] OR ovar* [ti] OR "oxidative stress" [ti] OR paget* [ti] OR pain* [ti] OR palsy [ti] OR pancrea* [ti] OR paraly* [ti] OR parkinson* [ti] OR patholo* [ti] OR patient* [ti] OR pemphigoid [ti] OR pemphigus [ti] OR

perinatal [ti] OR perthes* [ti] OR pertussis [ti] OR pharyngitis [ti] OR photop* [ti] OR pituitary [ti] OR pityriasis [ti] OR platelet* [ti] OR pneumonia [ti] OR poison* [ti] OR polyangiitis [ti] OR polymyalgia [ti] OR porphyria [ti] OR pregnan* [ti] OR prenatal [ti] OR presyncope [ti] OR prostat* [ti] OR proteinuria [ti] OR prurit* [ti] OR psoria* [ti] OR psychiatric [ti] OR psychologic* [ti] OR psychosis [ti] OR psychosocial [ti] OR ptosis [ti] OR pubertal [ti] OR purpur* [ti] OR pustul* [ti] OR pyroptosis [ti] OR rash* [ti] OR raynaud* [ti] OR rectal [ti] OR renal [ti] OR reproduct* [ti] OR respirat* [ti] OR retin* [ti] OR rhabdomyolysis [ti] OR rheumat* [ti] OR rhinitis [ti] OR risk* [ti] OR rotator cuff* [ti] OR sarcoidosis [ti] OR sarcoma* [ti] OR schizophreni* [ti] OR scleritis [ti] OR sclero* [ti] OR seizure* [ti] OR semen [ti] OR shoulder* [ti] OR sickness* [ti] OR side-effect* [ti] OR sjogren* [ti] OR skelet* [ti] OR skin [ti] OR sperm* [ti] OR spinal [ti] OR splen* [ti] OR spondyl* [ti] OR steatosis [ti] OR stillbirth* [ti] OR stomach [ti] OR stroke* [ti] OR subchronic [ti] OR sublethal [ti] OR suicide [ti] OR surger* [ti] OR surgical* [ti] OR "sweet syndrome" [ti] OR swelling* [ti] OR syndrome* [ti] OR synovi* [ti] OR tachy* [ti] OR takotsubo* [ti] OR tendon* [ti] OR teratogen* [ti] OR testes [ti] OR testis [ti] OR tetanus [ti] OR thalam* [ti] OR thromb* [ti] OR thymus* [ti] OR thyroid* [ti] OR tinnitus [ti] OR tissue* [ti] OR tonsil* [ti] OR toothache* [ti] OR toxic* [ti] OR toxin* [ti] OR trache* [ti] OR transfusion* [ti] OR transplant* [ti] OR tremor* [ti] OR trichoderma [ti] OR troponin* [ti] OR tuberculosis [ti] OR tumor* [ti] OR tumour* [ti] OR turner* [ti] OR twitch* [ti] OR typhoid [ti] OR typhus [ti] OR ulcer* [ti] OR urinary [ti] OR urticaria [ti] OR uterine [ti] OR uveitis [ti] OR vascul* [ti] OR vaso* [ti] OR vein* [ti] OR venous [ti] OR vertigo [ti] OR vessel* [ti] OR vestibular [ti] OR veteran [ti] OR veterans [ti] OR "visual acuity" [ti] OR vitiligo [ti] OR vomit* [ti] OR weakness* [ti] OR wheez* [ti] OR "white dot syndrome" [ti] OR worker* [ti] OR zoster [ti]))

4. INTERSECTION OF HERBICIDE TEXT AND DAMAGE MESH COMPONENTS (19,328 records)

((1,2-dichlorobenzene OR 2,3,6-TBA OR 2,4,5-T OR "Trichlorophenoxyacetic Acid" [TW] OR 2,4-D OR 2,4-DEB OR 2,4-DEP OR "Dichlorophenoxyacetic Acid" [TW] OR 2,4-Dinitrophenol OR "chlorophenoxyacetic acid" [TW] OR acetobacter [TW] OR acetochlor [TW] OR acetochlorine [TW] OR acifluorfen [TW] OR acifluorfene [TW] OR aclonifen [TW] OR acrolein [TW] OR "Agent Orange" [TW] ORalachlor [TW] OR allidochlor [TW] OR alloxydim [TW] OR "allyl alcohol" [TW] OR ametryn [TW] OR amicarbazone [TW] OR amidochlor [TW] OR amidosulfuron [TW] OR aminocyclopyrachlor [TW] OR "aminomethylphosphonic acid" [TW] OR aminopyralid [TW] OR aminotriazole [TW] OR amiprofos [TW] OR amitrole [TW] OR "ammonium sulfamate" [TW] OR anilofos [TW] OR asulam [TW] OR atraton [TW] OR atrazine [TW] OR azafenidin [TW] OR azimsulfuron [TW] OR aziprotryne [TW] OR barban [TW] OR beflubutamid [TW] OR benazolin [TW] OR benefin [TW] OR benfluralin [TW] OR benfuresate [TW] OR benquitrione [TW] OR bensulfuron [TW] OR bensulide [TW] OR bentazon [TW] OR bentazone [TW] OR bentranil [TW] OR benzadox [TW] OR benzipram [TW] OR benzobicyclon [TW] OR benzofenap [TW] OR benzoylprop [TW] OR benzthiazuron [TW] OR Bialaphos [TW] OR bicyclopyrone [TW] OR bifenox [TW] OR bipyrazone [TW] OR bispyribac [TW] OR bixlozone [TW] OR borax [TW] OR bromacil [TW] OR bromobutide [TW] OR bromofenoxim [TW] OR bromoxynil [TW] OR butachlor [TW] OR butafenacil [TW] OR butamifos [TW] OR buthidazole [TW] OR butralin [TW] OR butroxydim [TW] OR buturon [TW] OR butylate [TW] OR "cacodylic acid" [TW] OR cafenstrole [TW] OR "calcium chlorate" [TW] OR carbetamide [TW] OR carfentrazone [TW] OR chlomethoxyfen [TW] OR chloramben [TW] OR chlorazine [TW] OR chlorbromuron [TW] OR chlorbufam [TW] OR chloreturon [TW] OR chlorfenac [TW] OR chlorfenprop [TW] OR chloridazon [TW] OR chlorimuron [TW] OR chlornidine [TW] OR chlornitrofen [TW] OR chloroacetanilide [TW] OR "chloroacetic acid" [TW] OR Chlorophenols [TW] OR "chlorophenoxyacetic

acid" [TW] OR chlorotoluron [TW] OR chloroxuron [TW] OR chloroxynil [TW] OR chlorpropham [TW] OR chlorsulfuron [TW] OR chlorthal [TW] OR chlorthiamid [TW] OR cinidon-ethyl [TW] OR cinmethylin [TW] OR cinosulfuron [TW] OR clethodim [TW] OR clodinafop [TW] OR clomazone [TW] OR clomeprop [TW] OR cloprop [TW] OR clopyralid [TW] OR clopyralide [TW] OR cloransulam [TW] OR cresol [TW] OR cumyluron [TW] OR cyanamide [TW] OR cyanatryn [TW] OR cyanazine [TW] OR cyanogen [TW] OR cycloate [TW] OR cyclopyrimorate [TW] OR cyclosulfamuron [TW] OR cycloxydim [TW] OR cycluron [TW] OR cyhalofop [TW] OR cyperquat [TW] OR cyprazine [TW] OR cypirafluone [TW] OR daimuron [TW] OR dalapon [TW] OR dazomet [TW] OR desmedipham [TW] OR desmetryn [TW] OR diallate [TW] OR di-
allate [TW] OR dicamba [TW] OR dichlobenil [TW] OR dichloralurea [TW] OR dichlormate [TW] OR "dichlorophenoxyacetic acid" [TW] OR dichlorprop [TW] OR diclofop [TW] OR diclosulam [TW] OR diethyl [TW] OR difenopenten [TW] OR difenoxuron [TW] OR difenzoquat [TW] OR diflufenican [TW] OR diflufenzopyr [TW] OR dimefuron [TW] OR dimepiperate [TW] OR dimesulfazet [TW] OR dimethachlor [TW] OR dimethametryn [TW] OR dimethenamid [TW] OR "dimethyl disulfide" [TW] OR dimethylarsinic [TW] OR dinitramine [TW] OR dinitrophenol [TW] OR dinosam [TW] OR dinoseb [TW] OR dinoterb [TW] OR dioxin [TW] OR diphenamid [TW] OR dipropetryn [TW] OR diquat [TW] OR disul [TW] OR dithiopyr [TW] OR diuron [TW] OR endothal [TW] OR epyrifenacil [TW] OR erbon [TW] OR esprocarb [TW] OR ethafluralin [TW] OR ethalfluralin [TW] OR ethametsulfuron [TW] OR ethidimuron [TW] OR ethiolate [TW] OR ethofumesate [TW] OR ethoxyfen [TW] OR ethoxysulfuron [TW] OR fenoprop [TW] OR fenoxaprop [TW] OR fenoxasulfone [TW] OR fenquinotrione [TW] OR fentrazamide [TW] OR fenuron [TW] OR "ferrous sulfate" [TW] OR flamprop [TW] OR flazasulfuron [TW] OR florasulam [TW] OR florpypauxifen [TW] OR fluazifop [TW] OR fluazolate [TW] OR flucarbazone [TW] OR flucetosulfuron [TW] OR fluchloralin [TW] OR flufenacet [TW] OR flufenpyr [TW] OR flumetsulam [TW] OR flumiclorac [TW] OR flumioxazin [TW] OR flumipropyn [TW] OR fluometuron [TW] OR fluorodifen [TW] OR fluoroglycofen [TW] OR flupoxam [TW] OR flupropacil [TW] OR flupyrsulfuron [TW] OR fluridone [TW] OR flurochloridone [TW] OR fluroxypr [TW] OR flurtamone [TW] OR fluthiacet [TW] OR fomesafen [TW] OR foramsulfuron [TW] OR fosamine [TW] OR glufosinate [TW] OR glyphosate [TW] OR halauxifen [TW] OR halosulfuron [TW] OR haloxydine [TW] OR haloxyfop [TW] OR herbicide* [TW] OR herbimycin [TW] OR hexachloroacetone [TW] OR hexazinone [TW] OR imazamethabenz [TW] OR imazamox [TW] OR imazapic [TW] OR imazapyr [TW] OR imazaquin [TW] OR imazethapyr [TW] OR imazosulfuron [TW] OR imidazolinone [TW] OR indanofan [TW] OR indaziflam [TW] OR iodosulfuron [TW] OR iofensulfuron [TW] OR ioxynil [TW] OR ipfencarbazone [TW] OR isocil [TW] OR isomethiozin [TW] OR isopropalin [TW] OR isoproturon [TW] OR isoxaben [TW] OR isoxaflutole [TW] OR karbutilate [TW] OR lactofen [TW] OR lenacil [TW] OR linuron [TW] OR mecoprop [TW] OR mefenacet [TW] OR mefluidide [TW] OR mesosulfuron [TW] OR mesotrione [TW] OR metam [TW] OR metamifop [TW] OR metamitron [TW] OR metazachlor [TW] OR metazosulfuron [TW] OR metflurazon [TW] OR methabenzthiazuron [TW] OR methalpropalin [TW] OR methazole [TW] OR methiozolin [TW] OR methoprotryne [TW] OR methoxyphenone [TW] OR "methylarsonic acid" [TW] OR "methyl bromide" [TW] OR "methyl iodide" [TW] OR "methyl isothiocyanate" [TW] OR methylmymron [TW] OR metobromuron [TW] OR metolachlor [TW] OR metosulam [TW] OR metoxuron [TW] OR metribuzin [TW] OR metsulfuron [TW] OR molinate [TW] OR monalide [TW] OR monolinuron [TW] OR monomethylarsonic [TW] OR "Monosodium methyl arsenate" OR monosulfuron [TW] OR monuron [TW] OR morfamquat [TW] OR napropamide [TW] OR naptalam [TW] OR neburon [TW] OR nicosulfuron [TW] OR nicosulfuronedens [TW] OR nitralin [TW] OR nitrofen [TW] OR nitrofluorfen [TW] OR norflurazon [TW] OR norflurazone [TW] OR noruron [TW] OR o-dichlorobenzene [TW] OR orbencarb [TW] OR orthosulfamuron [TW] OR oryzalin [TW] OR oxadiargyl

[TW] OR oxadiazon [TW] OR oxasulfuron [TW] OR oxaziclomefone [TW] OR oxyfluorfen [TW] OR paraquat [TW] OR pebulate [TW] OR "pelargonic acid" [TW] OR pendimethalin [TW] OR pendimethaline [TW] OR penoxsulam [TW] OR pentachlorophenol [TW] OR pentanochlor [TW] OR pentoxazone [TW] OR perfluidone [TW] OR pethoxamid [TW] OR phenisopham [TW] OR phenmedipham [TW] OR phenobenzuron [TW] OR "phenoxyacetic acid" [TW] OR "phenylmercury acetate" [TW] OR phosphinothricin [TW] OR picloram [TW] OR picolinafen [TW] OR pinoxaden [TW] OR piperophos [TW] OR "potassium arsenite" [TW] OR "potassium azide" [TW] OR "potassium cyanate" [TW] OR pretilachlor [TW] OR primisulfuron [TW] OR procyazine [TW] OR prodiamine [TW] OR profluralin [TW] OR profoxydim [TW] OR prometon [TW] OR prometryn [TW] OR prometryne [TW] OR pronamide [TW] OR propachlor [TW] OR propanil [TW] OR propaquizafop [TW] OR propazine [TW] OR propham [TW] OR propisochlor [TW] OR propoxycarbazone [TW] OR propyrisulfuron [TW] OR propyzamide [TW] OR prosulfocarb [TW] OR prosulfuron [TW] OR proxan [TW] OR prynachlor [TW] OR pyraclonil [TW] OR pyraflufen [TW] OR pyraquate [TW] OR pyrasulfotole [TW] OR pyrazolynate [TW] OR pyrazon [TW] OR pyrazosulfuron [TW] OR pyrazoxyfen [TW] OR pyribambenz-propyl [TW] OR pyribenzoxim [TW] OR pyributicarb [TW] OR pyriclor [TW] OR pyridate [TW] OR pyriftalid [TW] OR pyriminobac [TW] OR pyrimisulfan [TW] OR pyriothiobac [TW] OR pyroxasulfone [TW] OR pyroxsulam [TW] OR quinclorac [TW] OR quinmerac [TW] OR quinoclamine [TW] OR quintrione [TW] OR quizalofop [TW] OR quizalofopethyl [TW] OR rimsulfuron [TW] OR saflufenacil [TW] OR sebuthylazine [TW] OR secbumeton [TW] OR sethoxydim [TW] OR siduron [TW] OR simazine [TW] OR simeton [TW] OR simetryn [TW] OR "sodium arsenite" [TW] OR "sodium azide" [TW] OR "sodium chlorate" [TW] OR "sodium tetraborate" OR sulcotrione [TW] OR sulfallate [TW] OR sulfentrazone [TW] OR sulfometuron [TW] OR sulfosulfuron [TW] OR swep [TW] OR tcdd [TW] OR tebutam [TW] OR tebuthiuron [TW] OR tefuryltrione [TW] OR tembotrione [TW] OR tepraloxydim [TW] OR terbacil [TW] OR terbucarb [TW] OR terbumeton [TW] OR terbuthylazine [TW] OR terbutryn [TW] OR tetflupyrolimet [TW] OR tetrachlorodibenzodioxin [TW] OR thenylchlor [TW] OR thiazafluron [TW] OR thiazopyr [TW] OR thidiazuron [TW] OR thiencarbazone [TW] OR thifensulfuron [TW] OR thiobencarb [TW] OR tiafenacil [TW] OR tolpyralate [TW] OR topramezone [TW] OR tralkoxydim [TW] OR triafamone [TW] OR triallate [TW] OR tri-allate [TW] OR triasulfuron [TW] OR triaziflam [TW] OR triazofenamide [TW] OR tribenuron [TW] OR tricamba [TW] OR "trichlorobenzoic acid" [TW] OR "trichlorophenoxyacetic acid" [TW] OR triclopyr [TW] OR tridiphane [TW] OR trietazine [TW] OR trifloxysulfuron [TW] OR trifludimoxazin [TW] OR trifluralin [TW] OR trifluraline [TW] OR triflusulfuron [TW] OR trifop [TW] OR tripyrasulfone [TW] OR tritac [TW] OR tritosulfuron [TW] OR vernolate [TW] OR xylachlor [TW]) AND (Infections [mh] OR Neoplasms [mh] OR Musculoskeletal Diseases [mh] OR Digestive System Diseases [mh] OR Stomatognathic Diseases [mh] OR Respiratory Tract Diseases [mh] OR Otorhinolaryngologic Diseases [mh] OR Nervous System Diseases [mh] OR Eye Diseases [mh] OR Urogenital Diseases [mh] OR Cardiovascular Diseases [mh] OR Hemic and Lymphatic Diseases [mh] OR Congenital, Hereditary, and Neonatal Diseases and Abnormalities [mh] OR Skin and Connective Tissue Diseases [mh] OR Nutritional and Metabolic Diseases [mh] OR Endocrine System Diseases [mh] OR Immune System Diseases [mh] OR Disorders of Environmental Origin [mh] OR Animal Diseases [mh] OR Pathological Conditions, Signs and Symptoms [mh] OR Occupational Diseases [mh] OR Chemically-Induced Disorders [mh] OR Mental Disorders [mh]))

5. INTERSECTION OF HERBICIDE TEXT AND DAMAGE TEXT COMPONENTS (44,660 records)

(("Agent Orange" [TW] OR "allyl alcohol" [TW] OR "aminomethylphosphonic acid" [TW] OR "ammonium sulfamate" [TW] OR "cacodylic acid" [TW] OR "calcium chlorate" [TW] OR "chloroacetic acid" [TW] OR "chlorophenoxyacetic acid" [TW] OR "dichlorophenoxyacetic acid" [TW] OR "dimethyl disulfide" [TW] OR "ferrous sulfate" [TW] OR "methyl bromide" [TW] OR "methyl iodide" [TW] OR "methyl isothiocyanate" [TW] OR "methylarsonic acid" [TW] OR "Monosodium methyl arsenate" OR "pelargonic acid" [TW] OR "phenoxyacetic acid" [TW] OR "phenylmercury acetate" [TW] OR "potassium arsenite" [TW] OR "potassium azide" [TW] OR "potassium cyanate" [TW] OR "sodium arsenite" [TW] OR "sodium azide" [TW] OR "sodium chlorate" [TW] OR "sodium tetraborate" OR "trichlorobenzoic acid" [TW] OR "trichlorophenoxyacetic acid" [TW] OR 1,2-dichlorobenzene OR 2,3,6-TBA OR 2,4,5-T OR 2,4-D OR 2,4-DEB OR 2,4-DEP OR 2,4-Dinitrophenol OR acetobacter [TW] OR acetochlor [TW] OR acetochlorine [TW] OR acifluorfen [TW] OR acifluorfene [TW] OR aclonifen [TW] OR acrolein [TW] ORalachlor [TW] OR allidochlor [TW] OR alloxydim [TW] OR ametryn [TW] OR amicarbazone [TW] OR amidochlor [TW] OR amidosulfuron [TW] OR aminocyclopyrachlor [TW] OR aminopyralid [TW] OR aminotriazole [TW] OR amiprofos [TW] OR amitrole [TW] OR anilofos [TW] OR asulam [TW] OR atraton [TW] OR atrazine [TW] OR azafenidin [TW] OR azimsulfuron [TW] OR aziprotryne [TW] OR barban [TW] OR beflubutamid [TW] OR benazolin [TW] OR benefin [TW] OR benfluralin [TW] OR benfuresate [TW] OR benquitrione [TW] OR bensulfuron [TW] OR bensulide [TW] OR bentazon [TW] OR bentazone [TW] OR bentranil [TW] OR benzadox [TW] OR benzipram [TW] OR benzobicyclon [TW] OR benzofenap [TW] OR benzoylprop [TW] OR benzthiazuron [TW] OR bialaphos [TW] OR bicyclopyrone [TW] OR bifenox [TW] OR bipyrazone [TW] OR bispyribac [TW] OR bixlozone [TW] OR borax [TW] OR bromacil [TW] OR bromobutide [TW] OR bromofenoxim [TW] OR bromoxynil [TW] OR butachlor [TW] OR butafenacil [TW] OR butamifos [TW] OR buthidazole [TW] OR butralin [TW] OR butroxydim [TW] OR buturon [TW] OR butylate [TW] OR cafenstrole [TW] OR carbetamide [TW] OR carfentrazone [TW] OR chlomethoxyfen [TW] OR chloramben [TW] OR chlorazine [TW] OR chlorbromuron [TW] OR chlorbufam [TW] OR chloreturon [TW] OR chlorfenac [TW] OR chlorfenprop [TW] OR chloridazon [TW] OR chlorimuron [TW] OR chlornidine [TW] OR chlornitrofen [TW] OR chloroacetanilide [TW] OR Chlorophenols [TW] OR chlorotoluron [TW] OR chloroxuron [TW] OR chloroxynil [TW] OR chlorpropham [TW] OR chlorsulfuron [TW] OR chlorthal [TW] OR chlorthiamid [TW] OR cinidon-ethyl [TW] OR cinmethylin [TW] OR cinosulfuron [TW] OR clethodim [TW] OR clodinafop [TW] OR clomazone [TW] OR clomeprop [TW] OR cloprop [TW] OR clocpyralid [TW] OR clocpyralide [TW] OR cloransulam [TW] OR cresol [TW] OR cumyluron [TW] OR cyanamide [TW] OR cyanatryn [TW] OR cyanazine [TW] OR cyanogen [TW] OR cycloate [TW] OR cyclopyrimorate [TW] OR cyclosulfamuron [TW] OR cycloxydim [TW] OR cycluron [TW] OR cyhalofop [TW] OR cyperquat [TW] OR cyprazine [TW] OR cypirafluone [TW] OR daimuron [TW] OR dalapon [TW] OR dazomet [TW] OR desmedipham [TW] OR desmetryn [TW] OR diallate [TW] OR di-allate [TW] OR dicamba [TW] OR dichlobenil [TW] OR dichloralurea [TW] OR dichlormate [TW] OR dichlorprop [TW] OR diclofop [TW] OR diclosulam [TW] OR diethatyl [TW] OR difenopenten [TW] OR difenoxuron [TW] OR difenzoquat [TW] OR diflufenican [TW] OR diflufenzopyr [TW] OR dimefuron [TW] OR dimepiperate [TW] OR dimesulfazet [TW] OR dimethachlor [TW] OR dimethametryn [TW] OR dimethenamid [TW] OR dimethylarsinic [TW] OR dinitramine [TW] OR dinitrophenol [TW] OR dinosam [TW] OR dinoseb [TW] OR dinoterb [TW] OR dioxin [TW] OR diphenamid [TW] OR dipropetryn [TW] OR diquat [TW] OR disul [TW] OR dithiopyr [TW] OR diuron [TW] OR endothal [TW] OR epyrifenacil [TW] OR erbon [TW] OR esprocarb [TW] OR ethafluralin [TW] OR ethalfluralin [TW] OR ethametsulfuron [TW] OR ethidimuron [TW] OR ethiolate [TW] OR ethofumesate [TW] OR ethoxyfen [TW] OR ethoxysulfuron [TW] OR fenoprop [TW] OR fenoxaprop [TW] OR fenoxasulfone [TW] OR fenquinotrione [TW] OR fentrazamide [TW] OR fenuron

[TW] OR flamprop [TW] OR flazasulfuron [TW] OR florasulam [TW] OR florpyrauxifen [TW] OR fluazifop [TW] OR fluazolate [TW] OR flucarbazone [TW] OR flucetosulfuron [TW] OR fluchloralin [TW] OR flufenacet [TW] OR flufenpyr [TW] OR flumetsulam [TW] OR flumiclorac [TW] OR flumioxazin [TW] OR flumipropyn [TW] OR fluometuron [TW] OR fluorodifen [TW] OR fluoroglycofen [TW] OR flupoxam [TW] OR fluproprazolil [TW] OR flupyriflur [TW] OR fluridone [TW] OR flurochloridone [TW] OR fluroxypyr [TW] OR flurtamone [TW] OR fluthiacet [TW] OR fomesafen [TW] OR foramsulfuron [TW] OR fosamine [TW] OR glufosinate [TW] OR glyphosate [TW] OR halauxifen [TW] OR halosulfuron [TW] OR haloxydine [TW] OR haloxyfop [TW] OR herbicide* [TW] OR herbimycin [TW] OR hexachloroacetone [TW] OR hexazinone [TW] OR imazamethabenz [TW] OR imazamox [TW] OR imazapic [TW] OR imazapyr [TW] OR imazaquin [TW] OR imazethapyr [TW] OR imazosulfuron [TW] OR imidazolinone [TW] OR indanofan [TW] OR indaziflam [TW] OR iodosulfuron [TW] OR iofensulfuron [TW] OR ioxynil [TW] OR ipfencarbazine [TW] OR isocil [TW] OR isomethiozin [TW] OR isopropalin [TW] OR isoproturon [TW] OR isoxaben [TW] OR isoxaflutole [TW] OR karbutilate [TW] OR lactofen [TW] OR lenacil [TW] OR linuron [TW] OR mecoprop [TW] OR mefenacet [TW] OR mefluidide [TW] OR mesosulfuron [TW] OR mesotrione [TW] OR metam [TW] OR metamifop [TW] OR metamitron [TW] OR metazachlor [TW] OR metazosulfuron [TW] OR metflurazon [TW] OR methabenzthiazuron [TW] OR methalpropalin [TW] OR methazole [TW] OR methiozolin [TW] OR methoprotrotryne [TW] OR methoxyphenone [TW] OR methylidymron [TW] OR metobromuron [TW] OR metolachlor [TW] OR metosulam [TW] OR metoxuron [TW] OR metribuzin [TW] OR metsulfuron [TW] OR molinate [TW] OR monalide [TW] OR monolinuron [TW] OR monomethylarsonic [TW] OR monosulfuron [TW] OR monuron [TW] OR morfamquat [TW] OR napropamide [TW] OR naptalam [TW] OR neburon [TW] OR nicosulfuron [TW] OR nicosulfuronedens [TW] OR nitralin [TW] OR nitrofen [TW] OR nitrofluorfen [TW] OR norflurazon [TW] OR norflurazone [TW] OR noruron [TW] OR o-dichlorobenzene [TW] OR orbencarb [TW] OR orthosulfamuron [TW] OR oryzalin [TW] OR oxadiargyl [TW] OR oxadiazon [TW] OR oxasulfuron [TW] OR oxaziclomefone [TW] OR oxyfluorfen [TW] OR paraquat [TW] OR pebulate [TW] OR pendimethalin [TW] OR pendimethaline [TW] OR penoxsulam [TW] OR pentachlorophenol [TW] OR pentanochlor [TW] OR pentoxazone [TW] OR perfluidone [TW] OR pethoxamid [TW] OR phenisopham [TW] OR phenmedipham [TW] OR phenobenzuron [TW] OR phosphinothricin [TW] OR picloram [TW] OR picolinafen [TW] OR pinoxaden [TW] OR piperophos [TW] OR pretilachlor [TW] OR primisulfuron [TW] OR procyazine [TW] OR prodiamine [TW] OR profluralin [TW] OR profoxydim [TW] OR prometon [TW] OR prometryn [TW] OR prometryne [TW] OR pronamide [TW] OR propachlor [TW] OR propanil [TW] OR propaquizafop [TW] OR propazine [TW] OR propham [TW] OR propisochlor [TW] OR propoxycarbazine [TW] OR propyrisulfuron [TW] OR propyzamide [TW] OR prosulfocarb [TW] OR prosulfuron [TW] OR proxan [TW] OR prynachlor [TW] OR pyraclonil [TW] OR pyraflufen [TW] OR pyraquinat [TW] OR pyrasulfotole [TW] OR pyrazolynate [TW] OR pyrazon [TW] OR pyrazosulfuron [TW] OR pyrazoxyfen [TW] OR pyribambenzpropyl [TW] OR pyribenzoxim [TW] OR pyributicarb [TW] OR pyriclor [TW] OR pyridate [TW] OR pyrifthalid [TW] OR pyriminobac [TW] OR pyrimisulfan [TW] OR pyrithiobac [TW] OR pyroxasulfone [TW] OR pyroxsulam [TW] OR quinclorac [TW] OR quinmerac [TW] OR quinochlorim [TW] OR quintrione [TW] OR quizalofop [TW] OR quizalofopethyl [TW] OR rimsulfuron [TW] OR saflufenacil [TW] OR sebuthylazine [TW] OR sebumeton [TW] OR sethoxydim [TW] OR siduron [TW] OR simazine [TW] OR simeton [TW] OR simetryn [TW] OR sulcotrione [TW] OR sulfallate [TW] OR sulfentrazone [TW] OR sulfometuron [TW] OR sulfosulfuron [TW] OR swep [TW] OR tcdd [TW] OR tebutam [TW] OR tebuthiuron [TW] OR tefuryltrione [TW] OR tembotrione [TW] OR tepraloxym [TW] OR terbacil [TW] OR terbucarb [TW] OR terbumeton [TW] OR terbuthylazine [TW] OR terbutryn [TW] OR tetflupyrolimet [TW] OR tetrachlorodibenzodioxin

[TW] OR thenylchlor [TW] OR thiazafuron [TW] OR thiazopyr [TW] OR thidiazuron [TW] OR thiencarbazone [TW] OR thifensulfuron [TW] OR thiobencarb [TW] OR tiafenacil [TW] OR tolpyralate [TW] OR topramezone [TW] OR tralkoxydim [TW] OR triafamone [TW] OR triallate [TW] OR tri-allate [TW] OR triasulfuron [TW] OR triaziflam [TW] OR triazofenamida [TW] OR tribenuron [TW] OR tricamba [TW] OR triclopyr [TW] OR tridiphane [TW] OR trietazine [TW] OR trifloxysulfuron [TW] OR trifludimoxazin [TW] OR trifluralin [TW] OR trifluraline [TW] OR triflusulfuron [TW] OR trifop [TW] OR tripyrasulfone [TW] OR tritac [TW] OR tritosulfuron [TW] OR vernolate [TW] OR xylachlor [TW]) AND (ache [ti] OR "acoustic neuroma*" [ti] OR acute [ti] OR adenoma* [ti] OR adenopathy [ti] OR adrenal [ti] OR "adverse effect*" [ti] OR ageusia* [ti] OR allerg* [ti] OR alopecia* [ti] OR alzheimer* [ti] OR amyotrophic [ti] OR anaemi* [ti] OR anal [ti] OR anaphyl* [ti] OR androgenic [ti] OR anemi* [ti] OR aneuploidy [ti] OR aneurysm* [ti] OR angioedema* [ti] OR anorexia* [ti] OR anosmia* [ti] OR anxiety [ti] OR aplastic [ti] OR arter* [ti] OR arthritis* [ti] OR arthropath* [ti] OR ascites* [ti] OR asthma* [ti] OR astrocytoma* [ti] OR autis* [ti] OR autoimmun* [ti] OR azoospermia* [ti] OR "biliary cholangitis*" [ti] OR "birth defect*" [ti] OR bladder* [ti] OR blastoma* [ti] OR bleed* [ti] OR blindness* [ti] OR blister* [ti] OR blood [ti] OR bone [ti] OR bowel* [ti] OR brain [ti] OR breath* [ti] OR bronch* [ti] OR bullous* [ti] OR bursitis* [ti] OR cancer* [ti] OR carcino* [ti] OR cardi* [ti] OR "carpal tunnel syndrome*" [ti] OR cataplex* [ti] OR celiac* [ti] OR cerebr* [ti] OR choroid* [ti] OR chronic* [ti] OR cirrhosis* [ti] OR clot [ti] OR clots [ti] OR clotting [ti] OR cognitive [ti] OR colitis [ti] OR colon [ti] OR congestion [ti] OR "connective tissue disorder*" [ti] OR constipat* [ti] OR convulsi* [ti] OR copd [ti] OR cornea* [ti] OR coronary* [ti] OR cortical [ti] OR cranial [ti] OR crohn* [ti] OR cutaneous [ti] OR cyanosis* [ti] OR cystitis [ti] OR cytotoxic* [ti] OR dead* [ti] OR deaf* [ti] OR death [ti] OR defects [ti] OR deficiency [ti] OR dement* [ti] OR depression [ti] OR derm* [ti] OR diabet* [ti] OR dialysis* [ti] OR diarrh* [ti] OR "digestive system" [ti] OR "digestive tract" [ti] OR diphtheria [ti] OR disabilit* [ti] OR disease* [ti] OR disorder* [ti] OR diverticulitis* [ti] OR dizziness* [ti] OR dugesia [ti] OR dysbiosis [ti] OR dysfunction [ti] OR dysregulat* [ti] OR dystrophy [ti] OR ear [ti] OR eczema [ti] OR edema* [ti] OR embol* [ti] OR embryo* [ti] OR emphysema [ti] OR enceph* [ti] OR endocrine [ti] OR endometriosis [ti] OR endothel* [ti] OR eosinophili* [ti] OR epistaxis* [ti] OR epitheliopathy [ti] OR erupt* [ti] OR erythema* [ti] OR erythr* [ti] OR esophag* [ti] OR exacerbat* [ti] OR eye [ti] OR eyes [ti] OR fabry* [ti] OR failure [ti] OR fatal* [ti] OR fatigue [ti] OR febrile [ti] OR fertility [ti] OR fibrillation* [ti] OR fibrin* [ti] OR fibroblast* [ti] OR fibrodysplasia [ti] OR fibromyalgia [ti] OR fibrosis [ti] OR flare* [ti] OR fracture* [ti] OR gammopathy [ti] OR gangren* [ti] OR gastrinoma [ti] OR gastrointestinal [ti] OR genotoxic* [ti] OR gland* [ti] OR glio* [ti] OR goiter* [ti] OR goitre* [ti] OR gonad* [ti] OR gout [ti] OR grave* [ti] OR guillain* [ti] OR haematuria [ti] OR haemo* [ti] OR hashimoto* [ti] OR headache* [ti] OR "hearing loss*" [ti] OR heart [ti] OR hematological [ti] OR hematuria* [ti] OR hemo* [ti] OR hepat* [ti] OR hernia* [ti] OR herpes* [ti] OR "high blood pressure" [ti] OR histamine* [ti] OR hodgkin* [ti] OR hormon* [ti] OR hospitalis* [ti] OR hospitaliz* [ti] OR huntington* [ti] OR hyperacusis [ti] OR hyperplasia [ti] OR hypertension [ti] OR hypoxia [ti] OR illness* [ti] OR immunocompromised [ti] OR immunodeficiency [ti] OR immunopathology [ti] OR "immune system" [ti] OR "immune deficien*" [ti] OR "immune evasion" [ti] OR "immune suppression" [ti] OR "immune tolerance" [ti] OR immunosuppress* [ti] OR impair* [ti] OR infertility [ti] OR inflamm* [ti] OR ingest* [ti] OR inhal* [ti] OR injur* [ti] OR "interstitial cystitis*" [ti] OR intestin* [ti] OR intoxicat* [ti] OR irreversible [ti] OR ischem* [ti] OR kidney* [ti] OR labyrinthitis [ti] OR leprosy [ti] OR lesion* [ti] OR lethal* [ti] OR letharg* [ti] OR leukaemia [ti] OR leukemia [ti] OR "lichen planus" [ti] OR liguria [ti] OR "lipid peroxidation" [ti] OR liver [ti] OR livers [ti] OR lung [ti] OR lungs [ti] OR lupus [ti] OR lymphoma [ti] OR macula* [ti] OR malformation* [ti] OR malignan* [ti] OR "mammary gland*" [ti] OR

mania* [ti] OR marrow [ti] OR mastocytosis [ti] OR measles [ti] OR melanoma [ti] OR memory [ti] OR meniere* [ti] OR mening* [ti] OR menopaus* [ti] OR menstru* [ti] OR metabol* [ti] OR metasta* [ti] OR microhematuria* [ti] OR mis-c* [ti] OR miscarriag* [ti] OR mitochondrial [ti] OR mononucleosis [ti] OR morbidity [ti] OR mortality [ti] OR motor* [ti] OR mumps [ti] OR muscle* [ti] OR muscul* [ti] OR mutagen* [ti] OR myasthenia [ti] OR myel* [ti] OR myopi* [ti] OR myositis [ti] OR narcolep* [ti] OR nausea [ti] OR neonate* [ti] OR neoplas* [ti] OR nephri* [ti] OR nephro* [ti] OR nerv* [ti] OR neura* [ti] OR neuri* [ti] OR neuro* [ti] OR nitrosamine [ti] OR nosebleed* [ti] OR numbness [ti] OR obes* [ti] OR occlu* [ti] OR occupation* [ti] OR ocul* [ti] OR offspring [ti] OR olfactory [ti] OR oligospermia [ti] OR oncogen* [ti] OR (onset [ti] NOT focal-onset [ti]) OR ophthal* [ti] OR optic* [ti] OR osteo* [ti] OR otitis [ti] OR ovar* [ti] OR "oxidative stress" [ti] OR paget* [ti] OR pain* [ti] OR palsy [ti] OR pancrea* [ti] OR paraly* [ti] OR parkinson* [ti] OR patholo* [ti] OR patient* [ti] OR pemphigoid [ti] OR pemphigus [ti] OR perinatal [ti] OR perthes* [ti] OR pertussis [ti] OR pharyngitis [ti] OR photop* [ti] OR pituitary [ti] OR pityriasis [ti] OR platelet* [ti] OR pneumonia [ti] OR poison* [ti] OR polyangiitis [ti] OR polymyalgia [ti] OR porphyria [ti] OR pregnan* [ti] OR prenatal [ti] OR presyncope [ti] OR prostat* [ti] OR proteinuria [ti] OR prurit* [ti] OR psoria* [ti] OR psychiatric [ti] OR psychologic* [ti] OR psychosis [ti] OR psychosocial [ti] OR ptosis [ti] OR pubertal [ti] OR purpur* [ti] OR pustul* [ti] OR pyroptosis [ti] OR rash* [ti] OR raynaud* [ti] OR rectal [ti] OR renal [ti] OR reproduct* [ti] OR respirat* [ti] OR retin* [ti] OR rhabdomyolysis [ti] OR rheumat* [ti] OR rhinitis [ti] OR risk* [ti] OR rotator cuff* [ti] OR sarcoidosis [ti] OR sarcoma* [ti] OR schizophreni* [ti] OR scleritis [ti] OR sclero* [ti] OR seizure* [ti] OR semen [ti] OR shoulder* [ti] OR sickness* [ti] OR side-effect* [ti] OR sjogren* [ti] OR skelet* [ti] OR skin [ti] OR sperm* [ti] OR spinal [ti] OR splen* [ti] OR spondyl* [ti] OR steatosis [ti] OR stillbirth* [ti] OR stomach [ti] OR stroke* [ti] OR subchronic [ti] OR sublethal [ti] OR suicide [ti] OR surger* [ti] OR surgical* [ti] OR "sweet syndrome" [ti] OR swelling* [ti] OR syndrome* [ti] OR synovi* [ti] OR tachy* [ti] OR takotsubo* [ti] OR tendon* [ti] OR teratogen* [ti] OR testes [ti] OR testis [ti] OR tetanus [ti] OR thalam* [ti] OR thromb* [ti] OR thymus* [ti] OR thyroid* [ti] OR tinnitus [ti] OR tissue* [ti] OR tonsil* [ti] OR toothache* [ti] OR toxic* [ti] OR toxin* [ti] OR trache* [ti] OR transfusion* [ti] OR transplant* [ti] OR tremor* [ti] OR trichoderma [ti] OR troponin* [ti] OR tuberculosis [ti] OR tumor* [ti] OR tumour* [ti] OR turner* [ti] OR twitch* [ti] OR typhoid [ti] OR typhus [ti] OR ulcer* [ti] OR urinary [ti] OR urticaria [ti] OR uterine [ti] OR uveitis [ti] OR vascul* [ti] OR vaso* [ti] OR vein* [ti] OR venous [ti] OR vertigo [ti] OR vessel* [ti] OR vestibular [ti] OR veteran [ti] OR veterans [ti] OR "visual acuity" [ti] OR vitiligo [ti] OR vomit* [ti] OR weakness* [ti] OR wheez* [ti] OR "white dot syndrome" [ti] OR worker* [ti] OR zoster [ti]))

6. FILTERS APPLIED TO ENHANCE RELEVANCE OF RETRIEVAL

The first five components of the query above retrieved 52,600 articles from Pubmed for the time span 1974-2024. To enhance relevance of this retrieval, two filtering steps were added to the process. The first step consisted of concatenating the Titles/Abstracts/Substances/MeSH terms of each record into one text field for each record. Then, the list of Herbicide terms shown in Table 1A-1 was intersected with the concatenated field for all the retrieved records. Any record that did not contain at least one of the Herbicides was eliminated from the final retrieval. Then, the list of damage terms shown in Table 1A-2 was intersected with the concatenated field for all the records that survived the filtering based on Herbicide terms. Any record that did not contain at least one of the damage terms was eliminated from the final retrieval. These two filtering steps reduced the retrieval from 52,600 records to 50,870 records (~4% reduction). The final retrieval was viewed as highly relevant.

Table 1A-1 – Herbicide Text Terms used for Filtering Final Retrieval

Agent Orange; *allyl alcohol*; *aminomethylphosphonic acid*; *ammonium sulfamate*;
 cacodylic acid; *calcium chlorate*; *chloroacetic acid*; *chlorophenoxyacetic acid*;
 dichlorophenoxyacetic acid; *dimethyl disulfide*; *ferrous sulfate*; *methyl bromide*; *methyl
 iodide*; *methyl isothiocyanate*; *methylarsonic acid*; *Monosodium methyl arsenate*;
 pelargonic acid; *phenoxyacetic acid*; *phenylmercury acetate*; *potassium arsenite*;
 potassium azide; *potassium cyanate*; *sodium arsenite*; *sodium azide*; *sodium chlorate*;
 sodium tetraborate; *trichlorobenzoic acid*; *trichlorophenoxyacetic acid*; *1,2-
 dichlorobenzene*; *2,3,6-TBA*; *2,4,5-T*; *2,4-D*; *2,4-DEB*; *2,4-DEP*; *2,4-Dinitrophenol*;
 acetobacter; *acetochlor*; *acetochlorine*; *acifluorfen*; *acifluorfene*; *aclonifen*; *acrolein*;
 alachlor; *allidochlor*; *alloxydim*; *ametryn*; *amicarbazone*; *amidochlor*; *amidosulfuron*;
 aminocyclopyrachlor; *aminopyralid*; *aminotriazole*; *amiprophos*; *amitrole*; *anilofos*;
 asulam; *atraton*; *atrazine*; *azafenidin*; *azimsulfuron*; *aziprotryne*; *barban*;
 beflubutamid; *benazolin*; *benefin*; *benfluralin*; *benfuresate*; *benquitrione*;
 bensulfuron; *bensulide*; *bentazon*; *bentazone*; *bentranyl*; *benzadox*; *benzipram*;
 benzobicyclon; *benzofenap*; *benzoylprop*; *benzthiazuron*; *bialaphos*; *bicyclopyrone*;
 bifenox; *bipyrazone*; *bispyribac*; *bixlozone*; *borax*; *bromacil*; *bromobutide*;
 bromofenoxim; *bromoxynil*; *butachlor*; *butafenacil*; *butamifos*; *buthidazole*; *butralin*;
 butoxydim; *buturon*; *butylate*; *cafenstrole*; *carbetamide*; *carfentrazone*;
 chlomethoxyfen; *chloramben*; *chlorazine*; *chlorbromuron*; *chlorbufam*; *chloreturon*;
 chlorfenac; *chlorfenprop*; *chloridazon*; *chlorimuron*; *chlornidine*; *chlornitrofen*;
 chloroacetanilide; *Chlorophenols*; *chlorotoluron*; *chloroxuron*; *chloroxylin*;
 chlorpropham; *chlorsulfuron*; *chlorthal*; *chlorthiamid*; *cinidon-ethyl*; *cinmethylin*;
 cinosulfuron; *clethodim*; *clodinafop*; *clomazone*; *clomeprop*; *cloprop*; *cloprralid*;
 cloprralide; *cloransulam*; *cresol*; *cumyluron*; *cyanamide*; *cyanatryn*; *cyanazine*;
 cyanogen; *cycloate*; *cyclopyrimorate*; *cyclosulfamuron*; *cycloxydim*; *cycluron*;
 cyhalofop; *cyperquat*; *cyprazine*; *cypirafluone*; *daimuron*; *dalapon*; *dazomet*;
 desmedipham; *desmetryn*; *diallate*; *di-allate*; *dicamba*; *dichlobenil*; *dichloralurea*;
 dichlormate; *dichlorprop*; *diclofop*; *diclosulam*; *diethatyl*; *difenopenten*;
 difenoxuron; *difenzoquat*; *diflufenican*; *diflufenzopyr*; *dimefuron*; *dimepiperate*;
 dimesulfazet; *dimethachlor*; *dimethametryn*; *dimethenamid*; *dimethylarsinic*;
 dinitramine; *dinitrophenol*; *dinosam*; *dinoseb*; *dinoterb*; *dioxin*; *diphenamid*;
 dipropetryn; *diquat*; *disul*; *dithiopyr*; *diuron*; *endothal*; *epyrifenacil*; *erbon*;
 esprocarb; *ethafluralin*; *ethalfluralin*; *ethametsulfuron*; *ethidimuron*; *ethiolate*;
 ethofumesate; *ethoxyfen*; *ethoxysulfuron*; *fenoprop*; *fenoxaprop*; *fenoxasulfone*;
 fenquitrione; *fentrazamide*; *fenuron*; *flamprop*; *flazasulfuron*; *florasulam*;
 florpyrauxifen; *fluazifop*; *fluazolate*; *flucarbazone*; *flucetosulfuron*; *fluchloralin*;
 flufenacet; *flufenpyr*; *flumetsulam*; *flumiclorac*; *flumioxazin*; *flumipropyn*;
 fluometuron; *fluorodifen*; *fluoroglycofen*; *flupoxam*; *flupropacil*; *flupyrsulfuron*;
 fluridone; *flurochloridone*; *fluroxypyr*; *flurtamone*; *fluthiacet*; *fomesafen*;
 foramsulfuron; *fosamine*; *glufosinate*; *glyphosate*; *halauxifen*; *halosulfuron*;
 haloxydine; *haloxyfop*; *herbicide*^{**}; *herbimycin*; *hexachloroacetone*; *hexazinone*;
 imazamethabenz; *imazamox*; *imazapic*; *imazapyr*; *imazaquin*; *imazethapyr*;
 imazosulfuron; *imidazolinone*; *indanofan*; *indaziflam*; *iodosulfuron*; *iofensulfuron*;
 ioxynil; *ipfencarbazone*; *isocil*; *isomethiozin*; *isopropalin*; *isoproturon*; *isoxaben*;
 isoxaflutole; *karbutilate*; *lactofen*; *lenacil*; *linuron*; *mecoprop*; *mefenacet*;
 mefluidide; *mesosulfuron*; *mesotrione*; *metam*; *metamifop*; *metamitron*;

metazachlor; *metazosulfuron*; *metflurazon*; *methabenzthiazuron*; *methalpropalin*; *methazole*; *methiozolin*; *methoprotryne*; *methoxyphenone*; *methyldymron*; *metobromuron*; *metolachlor*; *metosulam*; *metoxuron*; *metribuzin*; *metsulfuron*; *molinate*; *monalide*; *monolinuron*; *monomethylarsonic*; *monosulfuron*; *monuron*; *morfamquat*; *napropamide*; *naptalam*; *neburon*; *nicosulfuron*; *nicosulfuronedens*; *nitralin*; *nitrofen*; *nitrofluorfen*; *norflurazon*; *norflurazone*; *noruron*; *o-dichlorobenzene*; *orbencarb*; *orthosulfamuron*; *oryzalin*; *oxadiargyl*; *oxadiazon*; *oxasulfuron*; *oxaziclomefone*; *oxyfluorfen*; *paraquat*; *pebulate*; *pendimethalin*; *pendimethaline*; *penoxsulam*; *pentachlorophenol*; *pentanochlor*; *pentoxazone*; *perfluidone*; *pethoxamid*; *phenisopham*; *phenmedipham*; *phenobenzuron*; *phosphinothricin*; *picloram*; *picolinafen*; *pinoxaden*; *piperophos*; *pretilachlor*; *primisulfuron*; *procyazine*; *prodiamine*; *profluralin*; *profoxydim*; *prometon*; *prometryn*; *prometryne*; *pronamide*; *propachlor*; *propanil*; *propaquizafop*; *propazine*; *propham*; *propisochlor*; *propoxycarbazone*; *propyrisulfuron*; *propyzamide*; *prosulfocarb*; *prosulfuron*; *proxan*; *prynachlor*; *pyraclonil*; *pyraflufen*; *pyraquate*; *pyrasulfotole*; *pyrazolynate*; *pyrazon*; *pyrazosulfuron*; *pyrazoxyfen*; *pyribambenzpropyl*; *pyribenzoxim*; *pyributicarb*; *pyriclor*; *pyridate*; *pyriftalid*; *pyriminobac*; *pyrimisulfan*; *pyrithiobac*; *pyroxasulfone*; *pyroxulam*; *quinclorac*; *quinmerac*; *quinoclamine*; *quintrione*; *quizalofop*; *quizalofopethyl*; *rimsulfuron*; *saflufenacil*; *sebuthylazine*; *secbumeton*; *sethoxydim*; *siduron*; *simazine*; *simeton*; *simetryn*; *sulcotrione*; *sulfallate*; *sulfentrazone*; *sulfometuron*; *sulfosulfuron*; *swep*; *tcdd*; *tebutam*; *tebuthiuron*; *tefuryltrione*; *tembotrione*; *tepraloxymet*; *terbacil*; *terbutcarb*; *terbumeton*; *terbutylazine*; *terbutryn*; *tetflupyrolimet*; *tetrachlorodibenzodioxin*; *thienylchlor*; *thiazafuron*; *thiazopyr*; *thidiazuron*; *thiencarbazone*; *thifensulfuron*; *thiobencarb*; *tiafenacil*; *tolpyralate*; *topramezone*; *tralkoxydim*; *triafamone*; *triallate*; *tri-allate*; *triasulfuron*; *triaziflam*; *triazofenamamide*; *tribenuron*; *tricamba*; *triclopyr*; *tridiphane*; *trietazine*; *trifloxysulfuron*; *trifludimoxazin*; *trifluralin*; *trifluraline*; *triflusulfuron*; *trifop*; *tripyrasulfone*; *tritac*; *tritosulfuron*; *vernolate*; *xylachlor*

Table 1A-2 – Damage Text Terms used for Final Retrieval Filtering

ache; *ACOUSTIC NEUROMA*; *acute*; *ADENOMA*; *ADENOPATHY*; *adrenal*; *adverse EFFECT*; *AGEUSIA*; *ALGIA*; *allerg*; *ALOPECIA*; *alzheimer*; *amyotrophic*; *ANAEMI*; *ANAL*; *ANAPHYL*; *androgenic*; *anemi*; *aneuploidy*; *ANEURYSM*; *ANGIOEDEMA*; *ANOREXIA*; *anosmia*; *anxiety*; *aplastic*; *ARTER*; *ARTHRITIS*; *ARTHROPATH*; *ASCITES*; *ASTHMA*; *ASTROCYTOMA*; *AUTIS*; *AUTOIMMUN*; *AZOOSPERMIA*; *BILIARY CHOLANGITIS*; *BIRTH DEFECT*; *BLADDER*; *BLASTOMA*; *BLEED*; *BLINDNESS*; *BLISTER*; *blood*; *bone*; *BOWEL*; *brain*; *BREATH*; *BRONCH*; *BULLOUS*; *BURSITIS*; *cancer*; *CARCINO*; *CARDI*; *CARPAL TUNNEL SYNDROME*; *CATAPLEX*; *CELIAC*; *CEREBR*; *CHOROID*; *chronic*; *CIRRHOSIS*; *CLOT*; *CLOTS*; *CLOTTING*; *cognitive*; *COLITIS*; *colon*; *CONGESTION*; *CONNECTIVE TISSUE DISORDER*; *CONSTIPAT*; *CONVULSI*; *COPD*; *CORNEA*; *CORONARY*; *CORTICAL*; *CRANIAL*; *CROHN*; *CUTANEOUS*; *CYANOSIS*; *cystitis*; *cytotoxic*; *DEAD*; *DEAF*; *death*; *Defects*; *DEFICIENCY*; *DEMENT*; *depression*; *DERM*; *DEVELOPMENTAL*; *DIABET*; *DIALYSIS*; *DIARRH*; *DIGESTIVE system*; *digestive tract*; *DIPHTHERIA*; *DISABILIT*; *disease*; *Disorder*; *DIVERTICULITIS*; *DIZZINESS*; *dugesia*; *dysbiosis*; *Dysfunction*; *DYSREGULAT*; *DYSTROPHY*; *EAR*; *ECZEMA*; *EDEMA*; *EMBOL*; *embryo*; *emphysema*; *ENCEPH*; *endocrine*;

ENDOMETRIOSIS; *endothel*; *EOSINOPHILI*; *EPISTAXIS*; *EPITHELIOPATHY*; *ERUPT*;
 ERYTHEMAE; *ERYTHR*; *ESOPHAG*; *Exacerbate*; *EYE*; *EYES*; *FABRY*; *failure*; *FATAL*;
 FATIGUE; *FEBRILE*; *FERTILITY*; *FIBRILLATION*; *FIBRIN*; *fibroblast*; *FIBRODYSPLASIA*;
 FIBROMYALGIA; *fibrosis*; *Flare*; *FRACTURE*; *gammopathy*; *GANGREN*; *GASTRINOMA*;
 gastrointestinal; *genotoxic*; *GLAND*; *GLIO*; *GOITER*; *GOITRE*; *gonad*; *GOUT*;
 GRAVE; *GUILLAIN*; *HAEMATURIA*; *HAEMO*; *HASHIMOTO*; *HEADACHE*; *HEARING LOSS*;
 heart; *hematological*; *HEMATURIA*; *HEMO*; *HEPAT*; *hernia*; *HERPES*; *HIGH BLOOD
 PRESSURE*; *HISTAMINE*; *HODGKIN*; *HORMON*; *HOSPITALIS*; *HOSPITALIZ*;
 HUNTINGTON; *HYPERACUSIS*; *HYPERPLASIA*; *HYPERTENSION*; *hypoxia*; *illness*;
 IMMUNOCOMPROMISED; *IMMUNODEFICIENT*; *IMMUNOPATHOLOGY*; *IMMUNE SYSTEM*;
 IMMUNE DEFICIENT; *IMMUNE EVASION*; *IMMUNE SUPPRESS*; *IMMUNE TOLERANCE*;
 IMMUNOSUPPRESS; *Impair*; *infertility*; *INFLAMM*; *ingest*; *inhal*; *INJUR*;
 INTERSTITIAL CYSTITIS; *intestin*; *intoxicat*; *irreversible*; *ISCHEM*; *KIDNEY*;
 LABYRINTHITIS; *LEPROSY*; *LESION*; *lethal*; *LETHARG*; *LEUKAEMIA*; *leukemia*; *LICHEN
 PLANUS*; *LIGURIA*; *lipid peroxidation*; *LIVER*; *LIVERS*; *lung*; *LUNGS*; *LUPUS*;
 LYMPHOMA; *MACULA*; *malformation*; *MALIGNAN*; *mammary gland*; *MANIA*;
 marrow; *MASTOCYTOSIS*; *MEASLES*; *MELANOMA*; *MEMORY*; *MENIERE*; *MENING*;
 MENOPAUS; *MENSTRU*; *METABOL*; *METASTA*; *MICROHEMATURIA*; *MIS-C*;
 MISCARRIAGE; *mitochondrial*; *MONONUCLEOSIS*; *morbidity*; *mortality*; *MOTOR*;
 MUMPS; *MUSCLE*; *MUSCUL*; *mutagen*; *myalgia*; *MYASTHENIA*; *MYEL*; *MYOPI*;
 MYOSITIS; *NARCOLEP*; *NAUSEA*; *neonate*; *NEOPLAS*; *NEPHRI*; *NEPHRO*; *NERV*;
 NEURA; *NEURI*; *NEURO*; *nitrosamine*; *NOSEBLEED*; *NUMBNESS*; *OBES*; *OCCLU*;
 occupation; *ocul*; *offspring*; *olfactory*; *OLIGOSPERMIA*; *oncogen*; *Onset*;
 OPHTHAL; *OPTIC*; *OSTEO*; *OTITIS*; *OVAR*; *oxidative stress*; *PAGET*; *PAIN*; *PALSY*;
 PANCREA; *PARALY*; *PARKINSON*; *patholo*; *PATHY*; *patient*; *PEMPHIGOID*;
 PEMPHIGUS; *perinatal*; *PERTHES*; *PERTUSSIS*; *PHARYNGITIS*; *PHOTOP*; *pituitary*;
 PITYRIASIS; *PLATELET*; *PNEUMONIA*; *poison*; *POLYANGIITIS*; *POLYMYALGIA*;
 PORPHYRIA; *pregnan*; *prenatal*; *PRESYNCOPE*; *PROSTAT*; *PROTEINURIA*; *PRURIT*;
 PSORIA; *PSYCHIATRIC*; *PSYCHOLOGIC*; *PSYCHOSIS*; *PSYCHOSOCIAL*; *PTOSIS*; *pubertal*;
 PURPUR; *PUSTUL*; *pyroptosis*; *RASH*; *rashes*; *RAYNAUD*; *RECTAL*; *renal*;
 reproduct; *respirat*; *RETIN*; *RHABDOMYOLYSIS*; *RHEUMAT*; *RHINITIS*; *ROTATOR
 CUFF*; *SARCOIDOSIS*; *SARCOMA*; *SCHIZOPHRENI*; *SCLERITIS*; *SCLERO*; *SEIZURE*;
 semen; *SHOULDER*; *SICKNESS*; *Side-Effect*; *SJOGREN*; *SKELET*; *skin*; *sperm*;
 SPINAL; *SPLEN*; *SPONDYL*; *STEATOSIS*; *STILLBIRTH*; *STOMACH*; *STROKE*;
 subchronic; *sublethal*; *suicide*; *SWEET SYNDROME*; *SWELLING*; *SYNDROME*; *SYNOVI*;
 TACHY; *TAKOTSUBO*; *TENDON*; *teratogen*; *testes*; *testis*; *TETANUS*; *THALAM*;
 THROMB; *THYMUS*; *THYROID*; *TINNITUS*; *TISSUE*; *TONSIL*; *TOOTHACHE*; *toxic*;
 toxin; *TRACHE*; *TRANSFUSION*; *TRANSPLANT*; *TREMOR*; *trichoderma*; *TROPONIN*;
 TUBERCULOSIS; *TUMOR*; *TUMOUR*; *TURNER*; *TWITCH*; *TYPHOID*; *TYPHUS*; *ULCER*;
 URINARY; *URTICARIA*; *uterine*; *UVEITIS*; *VASCUL*; *VASO*; *VEIN*; *VENOUS*;
 VERTIGO; *VESSEL*; *VESTIBULAR*; *veteran*; *veterans*; *VISUAL ACUITY*; *VITILIGO*;
 VOMIT; *WEAKNESS*; *WHEEZ*; *WHITE DOT SYNDROME*; *worker*; *ZOSTER*

(Note: All the following tables have the same format. The first row of the table (boxed) contains the query used to retrieve the disease-specific records (e.g., *ARTERI*, *CARDI*). Following the boxed row are the titles of records retrieved with search terms from the boxed row.)

Table 2A-1 – Titles of Pubmed Records Related to Cardiovascular Adverse Events Following Herbicide Exposure

ANEURYSM; *ARTERI*; *ARTERY*; *CARDI*; *CORONARY*; *FIBRILLATION*; *HEART*; *HIGH BLOOD PRESSURE*; *HYPERTENSION*; *MIS-C*; *MULTISYSTEM INFLAMMATORY SYNDROME*; *PRESYNCOPE*; *TACHY*; *TAKOTSUBO*; *TROPONIN*; *TURNER*; *VASCUL*; *VASO*; *VEIN*; *VENOUS*; *VESSEL*; *PERIVENOUS*; *VENOVENOUS*; *ARTERIOVENOUS* (5332)

Polyoxyethylene tallow amine and glyphosate exert different developmental toxicities on human pluripotent stem cells-derived heart organoid model.

Prometryn exposure disrupts the intestinal health of *Eriocheir sinensis*: Physiological responses and underlying mechanism.

Impact of exposure to glyphosate-based herbicide on morphological and physiological parameters in embryonic and larval development of zebrafish.

Pelargonidin alleviates acrolein-induced inflammation in human umbilical vein endothelial cells by reducing COX-2 expression through the NF- κ B pathway.

Atrazine exposure promotes cardiomyocyte pyroptosis to exacerbate cardiotoxicity by activating NF- κ B pathway.

Analysis of the association between urinary glyphosate exposure and fatty liver index: a study for US adults.

Curcumin alleviates atrazine-induced cardiotoxicity by inhibiting endoplasmic reticulum stress-mediated apoptosis in mice through ATF6/Chop/Bcl-2 signaling pathway.

Association of hair polychlorinated biphenyls and multiclass pesticides with obesity, diabetes, hypertension and dyslipidemia in NESCAV study.

Mitochondrial DNA is a key driver in cigarette smoke extract-induced IL-6 expression.

Vascular read-out for TRP channel functionality on distal peripheral nerve endings in healthy men.

Perioperative exposure to volatile organic compounds in neonates undergoing cardiac surgery.

Cinnamaldehyde protects cardiomyocytes from oxygen-glucose deprivation/reoxygenation-induced lipid peroxidation and DNA damage via activating the Nrf2 pathway.

Biochemical and teratogenic effects of a mixture of pyriproxyfen and glyphosate.

Loaded paraquat polymeric nanocapsules and evaluation for cardiotoxicity in Wistar rats.

Congenital diaphragmatic hernia: phosphodiesterase-5 and Arginase inhibitors prevent pulmonary vascular hypoplasia in rat lungs.

Can our microbiome break our hearts? Collaborative production of p-cresol sulfate and indoxyl sulfate by commensal microbes increases susceptibility to thrombosis.

Prenatal arsenite exposure alters maternal cardiac remodeling during late pregnancy.

Dysregulation of CITED2 in abnormal lung development in the nitrofen rat model.

[Analysis on early predictors of respiratory depression in patients with glufosinate poisoning].

The urinary level of 2,4,5-trichlorophenol was positively associated with both all-cause and cause-specific mortalities in general adult residents of United States.

Prenatal treprostinil improves pulmonary arteriolar hypermuscularization in the rabbit model of congenital diaphragmatic hernia.

Mitochondria-targeted Uncouplers Decrease Inflammatory Reactions in Endothelial Cells by Enhancing Methylation of the ICAM1 Gene Promoter.

Local Regrowth and the Risk of Distant Metastases Among Patients Undergoing Watch-and-Wait for Rectal Cancer: What Is the Best Control Group? Multicenter Retrospective Study.

Identification of endocrine-disrupting chemicals targeting key DCM-associated genes via bioinformatics and machine learning.

The uses of zebrafish (*Danio rerio*) as an in vivo model for toxicological studies: A review based on bibliometrics.

Maternal exposure to glyphosate-based herbicide causes vascular dysfunction in offspring female rats.

Toxicity of two pesticides in binary mixture on survival and enzymatic response of *Cerastoderma edule* - The warming influence.

Developmental toxicity and metabolomics analyses of zebrafish (*Danio rerio*) embryos exposed to Fenoxaprop-p-ethyl.

Loss of flavin-containing monooxygenase 3 modulates dioxin-like polychlorinated biphenyl 126-induced oxidative stress and hepatotoxicity.

MAPK/NF- κ B signaling mediates atrazine-induced cardiorenal syndrome and antagonism of lycopene.

Stereoselective toxicity of acetochlor chiral isomers on the nervous system of zebrafish larvae.

Chemical mixture that targets the epidermal growth factor pathway impairs human trophoblast cell functions.

The BCKDK inhibitor BT2 is a chemical uncoupler that lowers mitochondrial ROS production and de novo lipogenesis.

Influence of triazines and lipopolysaccharide coexposure on inflammatory response and histopathological changes in the testis and liver of BalB/c mice.

Chronic arsenic exposure-provoked biotoxicity involved in liver-microbiota-gut axis disruption in chickens based on multi-omics technologies.

Unraveling the link between severe bradycardia and paraquat poisoning.

Evaluation of *Salvia hispanica* as a Therapeutic Agent against Sodium Arsenic-Induced Testicular Toxicity in a Male Rats Model.

Cardiac Radiofrequency Ablation Exacerbates Myocardial Injury through Pro-Inflammatory Response and Pro-Oxidative Stress in Elderly Patients with Persistent Atrial Fibrillation.

Differential Modulatory Effects of Methylmercury (MeHg) on Ahr-regulated Genes in Extrahepatic Tissues of C57BL/6 Mice.

Effect of Picloram and Desiccation on the Somatic Embryogenesis of *Lycium barbarum* L.

TRPA1 as a promising target in ischemia/reperfusion: A comprehensive review.

Impaired Detoxification of Trans, Trans-2,4-Decadienal, an Oxidation Product from Omega-6 Fatty Acids, Alters Insulin Signaling, Gluconeogenesis and Promotes Microvascular Disease.

Towards non-target proactive food safety: identification of active compounds in convenience tomato products by ten-dimensional hyphenation with integrated simulated gastrointestinal digestion.

Hydrogen cyanamide exposure: a case series from Pavia Poison Control Centre.

[Favorable evolution of severe paraquat poisoning. Treatment with gastric lavage, activated charcoal, cyclophosphamide + corticoids, and conventional daily hemodialysis: case study at the Franck Joly Hospital Center in French Guiana].

Association of glyphosate exposure with multiple adverse outcomes and potential mediators.

Perinatal health effects of herbicides exposures in the United States: the Heartland Study, a Midwestern birth cohort study.

Role of voltage-dependent calcium channels on the striatal in vivo dopamine release induced by the organophosphorus pesticide glyphosate.

Pentachlorophenol exposure induced neurotoxicity by disrupting citrulline metabolism in larvae and adult zebrafish.

Toxic effects of benfluralin on zebrafish embryogenesis via the accumulation of reactive oxygen species and apoptosis.

Embryonic Development Effects of Basagran® Herbicide in *Danio Rerio*: A Preliminary Study.

Mitochondrial and Proteasome Dysfunction Occurs in the Hearts of Mice Treated with Triazine Herbicide Prometryn.

Dual-Hit: Glyphosate exposure at NOAEL level negatively impacts birth and glia-behavioural measures in heterozygous shank3 mutants.

Acrolein Induces Retinal Abnormalities of Alzheimer's Disease in Mice.

A comparative review and computational assessment of acetochlor toxicity in fish: A novel endocrine disruptor?

Acrolein produced during acute kidney injury promotes tubular cell death.

[Investigation on health status of workers exposed to glyphosate].

The role of acrolein for E-cigarette vapour condensate mediated activation of NADPH oxidase in cultured endothelial cells and macrophages.

Nitric oxide-mediated the therapeutic properties of induced pluripotent stem cell for paraquat-induced acute lung injury.

A mixture of 13 pesticides, contaminants, and food additives below individual NOAELs produces histopathological and organ weight changes in rats.

Adhesion Molecules in Lung Inflammation from Repeated Glyphosate Exposures.

Role of NF- κ B/IL-1 β Pathway and Caspase 3 in Mediating the Hepatoprotective Effect of Rutin against Paraquat-Induced Liver Toxicity in Male Rats.

Exposure to the herbicide fluridone induces cardiovascular toxicity in early developmental stages of zebrafish.

The Tobacco Smoke Component, Acrolein, as a Major Culprit in Lung Diseases and Respiratory Cancers: Molecular Mechanisms of Acrolein Cytotoxic Activity.

Adult exposure of atrazine alone or in combination with carbohydrate diet hastens the onset/progression of type 2 diabetes in Drosophila.

[The risk prediction value of paraquat poisoning dose, urine protein and myocardial enzymes].

Global warming and glyphosate toxicity (II): Offspring zebrafish modelling with behavioral, morphological and immunohistochemical approaches.

Ecogenotoxicity of environmentally relevant atrazine concentrations: A threat to aquatic bioindicators.

Maternal exposure to glyphosate-based herbicide causes changes in the vascular function of offspring adult rats.

Human serum lipidomics analysis revealed glyphosate may lead to lipid metabolism disorders and health risks.

Glyphosate-based herbicide (GBH) causes damage in embryo-larval stages of zebrafish (Danio rerio).

Mitochondrial dysfunction due to in vitro exposure to atrazine and its metabolite in striatum.

A mass event of paraquat poisoning via inhalation.

Exposure to Agent Orange and Hepatocellular Carcinoma Among US Military Personnel.

A review of the characteristic properties of selected tobacco chemicals and their associated etiological risks.

Sympathetic and angiotensinergic activity in spontaneously hypertensive rats treated with 3-amino-1,2,4-triazole.

Exposure to environmental concentrations of glyphosate induces cardiotoxicity through cellular senescence and reduced cell proliferation capacity.

Glyphosate Causes Vascular Toxicity through Cellular Senescence and Lipid Accumulation.

TRPA1 deficiency aggravates dilated cardiomyopathy by promoting S100A8 expression to induce M1 macrophage polarization in rats.

Acrolein Exposure Impaired Glucose Homeostasis and Increased Risk of Type 2 Diabetes: An Urban Adult Population-Based Cohort Study with Repeated Measures.

Hypoxia inducible factor-1 \pm (HIF-1 \pm) as an early predictor of acute hydrogen cyanamide (Dormex) poisoning.

Hydralazine plays an immunomodulation role of pro-regeneration in a mouse model of spinal cord injury.

Exposure to Volatile Organic Compounds Is Associated with Hypertension in Black Adults: The Jackson Heart Study.

Diet as a Source of Acrolein: Molecular Basis of Aldehyde Biological Activity in Diabetes and Digestive System Diseases.

Association of Lifetime Exposure to Glyphosate and Aminomethylphosphonic Acid (AMPA) with Liver Inflammation and Metabolic Syndrome at Young Adulthood: Findings from the CHAMACOS Study.

[Effects of Nintedanib associated with Shenfu Injection on paraquat-induced lung injury in rats].

Follow-up of patients with a 5-year survival after paraquat poisoning using computed tomography images and spirometry.

Ethalfuralin induces developmental toxicity in zebrafish via oxidative stress and inflammation.

The effects of glyphosate-based herbicide on the hypothalamic-pituitary thyroid axis are tissue-specific and dependent on age exposure.

Teratogenic effects of the dicamba herbicide in Zebrafish (*Danio rerio*) embryos.

Glyphosate without Co-formulants affects embryonic development of the south african clawed frog *Xenopus laevis*.

[Effects of specimen preservation and transportation on blood paraquat concentration in rats].

HPLC-MS/MS determination and the postmortem distribution or postmortem redistribution of paraquat and its metabolites in four fatal intoxication cases.

Molecular and behavioral toxicity assessment of tiafenacil, a novel PPO-inhibiting herbicide, in zebrafish embryos/larvae.

Developmental toxicity of prometryn induces mitochondrial dysfunction, oxidative stress, and failure of organogenesis in zebrafish (*Danio rerio*).

The role of surface activity on the amyloid fibrillation pathway of bovine serum albumin upon interaction with glyphosate.

Pharmacokinetic and Permeation Studies in Rat Brain of Natural Compounds Led to Investigate Eugenol as Direct Activator of Dopamine Release in PC12 Cells.

Ecological risk assessment of glyphosate and its possible effect on bacterial community in surface sediments of a typical shallow Lake, northern China.

Inflammation and cardiometabolic diseases induced by persistent organic pollutants and nutritional interventions: Effects of multi-organ interactions.

Effect of acupuncture at neck-Jiaji (EX-B 2) and tuina on the cognitive function in the patients with subjective cognitive decline.

Terbutylazine exposure induces innate immune response and inflammation through activating cGAS-STING/NF- κ B pathway in myocardium of broiler chicken (*Gallus gallus*).

Apply Anticoagulants after Discharge not Benefit to the Incidence of Symptomatic Thrombus in High-Altitude Areas: A Retrospective Study.

Oxidative stress contributes to flumioxazin-induced cardiotoxicity in zebrafish embryos.

The sodium borate relieves the hypertrophic damage induced during pregnancy, it improves contractibility, reduces oxidative stress and stimulates cell proliferation.

Characterization of the congenital diaphragmatic hernia model in C57BL/6J fetal mice: a step toward lineage tracing experiments.

Developmental and neurobehavioral toxicity of 2,2'-methylenebis(6-tert-butyl-4-methylphenol) (antioxidant AO2246) during the early life stage of zebrafish.

Xenobiotic Exposure and Migraine-Associated Signaling: A Multimethod Experimental Study Exploring Cellular Assays in Combination with Ex Vivo and In Vivo Mouse Models.

High-Soluble-Fiber Diet Attenuates Hypoxia-Induced Vascular Remodeling and the Development of Hypoxic Pulmonary Hypertension.

The Use of Multiple Biomarkers to Assess the Health of Anuran Amphibians in the Brazilian Cerrado Savanna: An Ecotoxicological Approach.

Mitochondrial Dysfunction After Repeated Mild Blast Traumatic Brain Injury Is Attenuated by a Mild Mitochondrial Uncoupling Prodrug.

Postictal hypoxia involves reactive oxygen species and is ameliorated by chronic mitochondrial uncoupling.

Effect of Long-Term Low-Dose Arsenic Exposure on DNA Methylation and Gene Expression in Human Liver Cells.

17-(R/S)-hydroxyeicosatetraenoic acid (HETE) induces cardiac hypertrophy through the CYP1B1 in enantioselective manners.

Human Preadipocytes Differentiated under Hypoxia following PCB126 Exposure during Proliferation: Effects on Differentiation, Glucose Uptake and Adipokine Profile.

2,3,7,8-tetrachlorodibenzo-p-dioxin induces multigenerational testicular toxicity and biosynthetic disorder of testosterone in BALB/C mice: Transcriptional, histopathological and hormonal determinants.

Deciphering migraine pain mechanisms through electrophysiological insights of trigeminal ganglion neurons.

Iron deficiency in young basketball players: Is a 100 µg/L ferritin cut-off appropriate for iron supplementation?: Results of a randomized placebo-controlled study.

Neonatal outcomes from a randomized controlled trial of maternal treatment of iron deficiency anemia with intravenous ferumoxytol vs oral ferrous sulfate.

Non-Cardiotoxic Tetradecanoic Acid-2,4-Dinitrophenol Ester Nanomicelles in Microneedles Exert Potent Anti-Obesity Effect by Regulating Adipocyte Browning and Lipogenesis.

Intestinal GPDH-1 regulates high glucose diet induced lifespan extension in aged worms.

Atlas of gut microbe-derived products from aromatic amino acids and risk of cardiovascular morbidity and mortality.

Uremic Toxins Induce THP-1 Monocyte Endothelial Adhesion and Migration through Specific miRNA Expression.

High quality diet attenuated the positive association between polychlorinated biphenyls and premature mortality among middle-aged and older adults.

Molinate induces organ defects by promoting apoptosis, inflammation, and endoplasmic reticulum stress during the developmental stage of zebrafish.

Correlation of heavy metals' exposure with the prevalence of coronary heart disease among US adults: findings of the US NHANES from 2003 to 2018.

Untargeted Multiomics Approach Coupling Lipidomics and Metabolomics Profiling Reveals New Insights in Diabetic Retinopathy.

Hypoxia-induced mitochondrial stress granules.

Resveratrol ameliorates ortho- polychlorinated biphenyls' induced toxicity in ovary cells.

Exposure to phenols, chlorophenol pesticides, phthalate and PAHs and mortality risk: A prospective study based on 6 rounds of NHANES.

Awareness and Use of Low-Sodium Salt Substitutes and Its Impact on 24-h Urinary Sodium and Potassium Excretion in China-A Cross-Sectional Study.

Durvillaea antarctica: A Seaweed for Enhancing Immune and Cardiometabolic Health and Gut Microbiota Composition Modulation.

Single-cell transcriptomic profiling of microvascular endothelial cell heterogeneity in congenital diaphragmatic hernia.

Transcriptional, hormonal and histological alterations in the ovaries of BALB/c mice exposed to TCDD in connection with multigenerational female infertility.

Poisonous Plants of the Genus Pimelea: A Menace for the Australian Livestock Industry.

Ferrous sulfate reverses cerebral metabolic abnormality induced by minimal hepatic encephalopathy.

Environmentally Mediated Health Disparities.

Serum Levels of Indoxyl Sulfate and P-cresol in Type II Diabetic Patients With and Without Nephropathy.

Individual, Independent, and Joint Associations of Toxic Metals and Manganese on Hypertensive Disorders of Pregnancy: Results from the MIREC Canadian Pregnancy Cohort.

The vitamin B(12) analog cobinamide ameliorates azide toxicity in cells, Drosophila melanogaster, and mice.

Reduced Transcriptome Analysis of Zebrafish Embryos Prioritizes Environmental Compounds with Adverse Cardiovascular Activities.

Acetaldehyde dehydrogenase 2 activation attenuates sepsis-induced brain injury through NLRP3 inflammasome regulation.

Combined exposure to multiple dioxins and dioxin-like polychlorinated biphenyls on hypertension among US adults in NHANES: a cross-sectional study under three statistical models.

Sample preparation and chromatographic methods for the determination of protein-bound uremic retention solutes in human biological samples: An overview.

Prion Protein Overexpression in Adipose-Derived Mesenchymal Stem Cells (ADMSCs) Effectively Protected Rodent Kidney Against Ischemia-Reperfusion Injury Via Enhancing ATP/Mitochondrial Biogenesis-Role of ADMSC Rejuvenation and Proliferation.

[Clinical case report of acute dinitrophenol poisoning with a fatal outcome of Udmurt Republic].

Paternal occupational exposures and infant congenital heart defects in the Japan Environment and Children's Study.

Upregulated TSP1 and CD47 expression in the lung in nitrofen-induced congenital diaphragmatic hernia.

Early functional analysis on the pulmonary hemodynamic effects of Transamniotic Stem Cell Therapy (TRASCET) in the nitrofen model of congenital diaphragmatic hernia.

Betaine protects against sodium arsenite-induced diabetes and hepatotoxicity in mice.

The Mechanisms Underlying the Pharmacological Effects of GuiPi Decoction on Major Depressive Disorder based on Network Pharmacology and Molecular Docking.

Metabolic Communication by SGLT2 Inhibition.

Ioxynil and diethylstilbestrol impair cardiac performance and shell growth in the mussel *Mytilus coruscus*.

Regenerating Saffron (*Crocus sativus* L.) from Corm Lateral Buds via Indirect Somatic Embryogenesis.

Management of Acute Ferrous Sulfate Poisoning Using Activated Charcoal Monotherapy: A Case Report.

Acute oral poisoning due to pretilachlor herbicide - a rare case report from Nepal.

Effects of terbutylazine on myocardial oxidative stress and ferroptosis via Nrf2/HO-1 signaling pathway in broilers.

Hemoadsorption and continuous venovenous hemodiafiltration in the management of paraquat poisoning during pregnancy: A case report.

Developmental toxicity and estrogenicity of glyphosate in zebrafish in vivo and in silico studies.

Characterization of fifteen key genes involved in iron metabolism and their responses to dietary iron sources in yellow catfish *Pelteobagrus fulvidraco*.

Haemorrhagic cystitis: a review of management strategies and emerging treatments.

Effect of replacing inorganic iron with iron-rich microbial preparations on growth performance, serum parameters and iron metabolism of weaned piglets.

Changes in the Phenotype of Intramural Inhibitory Neurons of the Porcine Descending Colon Resulting from Glyphosate Administration.

Evaluation of arsenic metabolism and tight junction injury after exposure to arsenite and monomethylarsonous acid using a rat in vitro blood-Brain barrier model.

Cross species extrapolation of the disruption of thyroid hormone synthesis by oxyfluorfen using in vitro data, physiologically based pharmacokinetic (PBPK), and thyroid hormone kinetics models.

Metabolic Pathways for Removing Reactive Aldehydes are Diminished in Atrophic Muscle During Heart Failure.

An overview of ATP synthase, inhibitors, and their toxicity.

Exposure to the aryl hydrocarbon receptor agonist dioxin disrupts formation of the muscle, nerves, and vasculature in the developing jaw.

Microbe-derived uremic solutes enhance thrombosis potential in the host.

Effect of Hydralazine on Angiotensin II-Induced Abdominal Aortic Aneurysm in Apolipoprotein E-Deficient Mice.

3-Methylglutaryl carnitine: A biomarker of mitochondrial dysfunction.

Dimethenamid promotes oxidative stress and apoptosis leading to cardiovascular, hepatic, and pancreatic toxicities in zebrafish embryo.

Developmental toxicity of flufenacet including vascular, liver, and pancreas defects is mediated by apoptosis and alters the Mapk and PI3K/Akt signal transduction in zebrafish.

Gut Microbiota and Its Role in the Brain-Gut-Kidney Axis in Hypertension.

Predicting mortality in paraquat poisoning through clinical findings, with a focus on pulmonary and cardiovascular system disorders.

Developmental and cardiovascular toxicities of acetochlor and its chiral isomers in zebrafish embryos through oxidative stress.

A review of food contaminant 2,3,7,8-tetrachlorodibenzo-p-dioxin and its toxicity associated with metabolic disorders.

Total analysis system for the determination of uremic toxins in human plasma based on bead injection solid phase extraction hyphenated to mass spectrometry.

Acute paraquat poisoning complicated by acute kidney injury and lung fibrosis: a case report from Nepal.

Interactions of arsenic exposure, arsenic metabolism with red blood cell folate on the risk of hypertension: NHANES 2007-2016.

Using DeepLabCut for markerless cardiac physiology and toxicity estimation in water fleas (*Daphnia magna*).

AOP Report: Aryl Hydrocarbon Receptor Activation Leads to Early-Life Stage Mortality via Sox9 Repression-Induced Craniofacial and Cardiac Malformations.

Terbutryn causes developmental toxicity in zebrafish (*Danio rerio*) via apoptosis and major organ malformation in the early stages of embryogenesis.

Prenatal Arsenite Exposure Alters Maternal Cardiac Remodeling During Late Pregnancy.

3D-bioprintable endothelial cell-laden sacrificial ink for fabrication of microvessel networks.

Evaluation of the effect of photoplethysmograms on workers' exposure to methyl bromide using second derivative.

Effects of early repeated hemoperfusion combined with hemodialysis on the prognosis of patients with paraquat poisoning.

Chronic Interstitial Nephritis in Agricultural Communities: Observational and Mechanistic Evidence Supporting the Role of Nephrotoxic Agrochemicals.

Fluchloralin induces developmental toxicity in heart, liver, and nervous system during early zebrafish embryogenesis.

The BCKDK inhibitor BT2 is a chemical uncoupler that lowers mitochondrial ROS production and de novo lipogenesis.

Retracted: Association of Pentachlorophenol with Fetal Risk of Prolonged Bradycardia: A Systematic Review and Meta-Analysis.

Bensulide-induced oxidative stress causes developmental defects of cardiovascular system and liver in zebrafish (*Danio rerio*).

Case report: Occupational poisoning incident from a leak of chloroacetyl chloride in Jinan, Shandong, China.

Updating "Dataset of transcriptomic changes that occur in human preadipocytes over a 3-day course of exposure to 3,3',4,4',5-Pentachlorobiphenyl (PCB126)" with additional data on exposure to 2,2',5,5'-tetrachlorobiphenyl (PCB52) or its 4-hydroxy metabolite (4-OH-PCB52).

Intra-amniotic sildenafil treatment improves lung blood flow and pulmonary hypertension in congenital diaphragmatic hernia rats.

Case report: Lung transplantation for treatment of paraquat intoxication: timing of transplantation.

E-cigarette effects on vascular function in animals and humans.

Biogenic polymer-based patches for congenital cardiac surgery: a feasibility study.

Counteracting the Toxic Hydroarsenicism Effects upon Reproductive-Physiological Outcomes in Male Goats: The Selenium and Vitamin-E Mitigation Approach.

The exposure to volatile organic chemicals associates positively with rheumatoid arthritis: a cross-sectional study from the NHANES program.

Long-term exposure to arsenic in drinking water leads to myocardial damage by oxidative stress and reduction in NO.

Exposure to the persistent organic pollutant 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD, dioxin) disrupts development of the zebrafish inner ear.

Mobitz type I as manifestation of acute lithium cardiotoxicity.

Clinical characteristics of acute kidney injury in patients with glyphosate surfactant herbicide poisoning.

Metabolomics Differences of the Donor Livers Between In Situ and Ex Situ Conditions During Ischemia-free Liver Transplantation.

Biological effects of sub-lethal doses of glyphosate and AMPA on cardiac myoblasts.

Enhancing Immune Protection in Hemodialysis Patients: Role of the Polymethyl Methacrylate Membrane.

Small molecule agonist of mitochondrial fusion repairs mitochondrial dysfunction.

Exposure to the persistent organic pollutant 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD, dioxin) disrupts development of the zebrafish inner ear.

Rural Land Management and Kidney Health.

AhR-mediated lipid peroxidation contributes to TCDD-induced cardiac defects in zebrafish.

Chorioallantoic membrane assay revealed the role of TIPARP (2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible poly (ADP-ribose) polymerase) in lung adenocarcinoma-induced angiogenesis.

Case report: Successful outcome of a young patient with rhabdomyolysis and shock caused by diquat poisoning.

Effects of Sodium Arsenite on the Myocardial Differentiation in Mouse Embryonic Bodies.

Selectively mixed matrix hemodialysis membrane for adequate clearance of p-cresol by the incorporation of imprinted zeolite.

A host-gut microbial amino acid co-metabolite, p-cresol glucuronide, promotes blood-brain barrier integrity in vivo.

Biotransformation and detoxification mechanism of inorganic arsenic in a freshwater benthic fish *Tachysurus fulvidraco* with dietborne exposure.

Effects of haloxyfop-p-methyl on the developmental toxicity, neurotoxicity, and immunotoxicity in zebrafish.

Characterization of glyphosate-induced cardiovascular toxicity and apoptosis in zebrafish.

[Effects and significance of continuous hemoperfusion on patients with diquat poisoning].

Perinatal exposure to glyphosate-based herbicides impairs progeny health and placental angiogenesis by disturbing mitochondrial function.

Spectroscopic contribution to glyphosate toxicity profile and the remedial effects of *Momordica charantia*.

Impairment of Endothelial Function by Cigarette Smoke Is Not Caused by a Specific Smoke Constituent, but by Vagal Input From the Airway.

E-cigarettes and their lone constituents induce cardiac arrhythmia and conduction defects in mice.

Pathophysiological Changes in Rhesus Monkeys with Paraquat-Induced Pulmonary Fibrosis.

Effects of glyphosate on zebrafish: a systematic review and meta-analysis.

Apigenin and apigenin-7, 4'-O-dioctanoate protect against acrolein-aggravated inflammation via inhibiting the activation of NLRP3 inflammasome and HMGB1/MYD88/NF- κ B signaling pathway in Human umbilical vein endothelial cells (HUVEC).

Neurotoxicity of pesticides - A link to neurodegeneration.

Acrolein, an environmental toxicant and its applications to in vivo and in vitro atherosclerosis models: An update.

The Cardiotoxic Effect of Roundup[®] is not Induced by Glyphosate: A Non-specific Blockade of Human Ca(V)1.2 Channels.

Impaired initial development and behavior in zebrafish exposed to environmentally relevant concentrations of widely used pesticides.

The Association Between 2, 4-Dichlorophenoxyacetic Acid and Erectile Dysfunction.

The role of nanoplastics on the toxicity of the herbicide phenmedipham, using *Danio rerio* embryos as model organisms.

Cellular and Molecular Events Leading to Paraquat-Induced Apoptosis: Mechanistic Insights into Parkinson's Disease Pathophysiology.

An in vitro strategy using multiple human induced pluripotent stem cell-derived models to assess the toxicity of chemicals: A case study on paraquat.

Developmental toxicity of glyphosate on embryo-larval zebrafish (*Danio rerio*).

A review of molecular mechanisms linked to potential renal injury agents in tropical rural farming communities.

Clinicohematological, Mutagenic, and Oxidative Stress Induced by Pendimethalin in Freshwater Fish Bighead Carp (*Hypophthalmichthys nobilis*).

Histopathological, Immunohistochemical, And Molecular Alterations In Brain Tissue And Submandibular Salivary Gland Of Atrazine-Induced Toxicity In Male Rats.

Mechanisms of acrolein induces toxicity in human umbilical vein endothelial cells: Oxidative stress, DNA damage response, and apoptosis.

Protective role of green tea against paraquat toxicity in *Allium cepa* L.: physiological, cytogenetic, biochemical, and anatomical assessment.

Aqueous *Thunbergia laurifolia* leaf extract alleviates paraquat-induced lung injury in rats by inhibiting oxidative stress and inflammation.

Toxicity of commercial atrazine in *Rattus norvegicus* organs as a function of concentration: histopathological, ultrastructural and hematological evaluation.

Impact of glyphosate-based herbicide on early embryonic development of the amphibian *Xenopus laevis*.

Altered uterine angiogenesis in rats treated with a glyphosate-based herbicide.

Effects of algae and fungicides on the fate of a sulfonyleurea herbicide in a water-sediment system.

Cardiotoxicity of cyclophosphamide's metabolites: an in vitro metabolomics approach in AC16 human cardiomyocytes.

Environmental relevant herbicide prometryn induces developmental toxicity in the early life stages of marine medaka (*Oryzias melastigma*) and its potential mechanism.

A Case of a Lethal Diquat Ingestion in a Toddler.

Attenuating effect of *Prosopis cineraria* against paraquat-induced toxicity in prepubertal mice, *Mus musculus*.

[Effects on extravascular lung water of lung protective ventilation strategy applied on piglets with acute respiratory distress syndrome induced by paraquat].

Assessing sub-lethal effects of the dinitroaniline herbicide pendimethalin in zebrafish embryos/larvae (*Danio rerio*).

Prediction of optical coherence tomography-detected calcified nodules using coronary computed tomography angiography.

[The relevance of electrocardiographic abnormalities and prognosis in patients with paraquat poisoning].

Characterization and Quantification of Acrolein-Induced Modifications in Hemoglobin by Mass Spectrometry—Effect of Cigarette Smoking.

Cinnamaldehyde causes developmental neurotoxicity in zebrafish via the oxidative stress pathway that is rescued by astaxanthin.

Lung transplantation in a woman with paraquat poisoning that led to pulmonary fibrosis—Widely reported by the media: A case report.

Case series: Diquat poisoning with acute kidney failure, myocardial damage, and rhabdomyolysis.

The Therapeutic Roles of Cinnamaldehyde against Cardiovascular Diseases.

Acute diquat poisoning causes rhabdomyolysis.

Total arsenic, dimethylarsinic acid, lead, cadmium, total mercury, methylmercury and hypertension among Asian populations in the United States: NHANES 2011-2018.

Experimental Study on the Mechanism of Cinnamaldehyde Ameliorate Proteinuria Induced by Adriamycin.

Cinnamaldehyde Mitigates Atherosclerosis Induced by High-Fat Diet via Modulation of Hyperlipidemia, Oxidative Stress, and Inflammation.

Effects of cinnamaldehyde on glucose-6-phosphate dehydrogenase activity, some biochemical and hematological parameters in diabetic rats.

Homicidal paraquat poisoning: Poisoned while drinking.

Acute diquat poisoning resulting in toxic encephalopathy: a report of three cases.

Trans-cinnamaldehyde protects against phenylephrine-induced cardiomyocyte hypertrophy through the CaMKII/ERK pathway.

Wnt-induced secreted proteins-1 play an important role in paraquat-induced pulmonary fibrosis.

Association of Pentachlorophenol with Fetal Risk of Prolonged Bradycardia: A Systematic Review and Meta-Analysis.

Mechanisms of cinnamic aldehyde against myocardial ischemia/hypoxia injury in vivo and in vitro: Involvement of regulating PI3K/AKT signaling pathway.

Trans-cinnamaldehyde suppresses microtubule detyrosination and alleviates cardiac hypertrophy.

Sociodemographic and clinical characteristics related to the final condition of patients intoxicated by paraquat in a hospital in southwestern Colombia.

Using the Pesticide Toxicity Index to show the potential ecosystem benefits of on-farm biobeds.

Ablation of FUNDC1-dependent mitophagy renders myocardium resistant to paraquat-induced ferroptosis and contractile dysfunction.

The effects of aerobic exercise training with octopamine supplementation on cardiomyocyte apoptosis induced by deep-frying oil: The role of caspase and procaspase 3.

Association of albumin to creatinine ratio with urinary arsenic and metal exposure: evidence from NHANES 2015-2016.

Comparison of modes of action between fish, cell and mitochondrial toxicity based on toxicity correlation, excess toxicity and QSAR for class-based compounds.

TRPA1 Channel Activation With Cinnamaldehyde Induces Cutaneous Vasodilation Through NOS, but Not COX and K_{Ca} Channel, Mechanisms in Humans.

Transcriptomic signaling in zebrafish (*Danio rerio*) embryos exposed to environmental concentrations of glyphosate.

Comprehending the Role of Endocrine Disruptors in Inducing Epigenetic Toxicity.

TIPARP is involved in the regulation of intraocular pressure.

Nano-formulations in treatment of iron deficiency anaemia: An overview.

Pesticide exposure and risk of cardiovascular disease: A systematic review.

Oral Ferrous Sulphate Improves Functional Capacity on Heart Failure Patients with Iron Deficiency Anemia.

Thiobencarb induces phenotypic abnormalities, apoptosis, and cardiovascular toxicity in zebrafish embryos through oxidative stress and inflammation.

Severe methyl bromide poisoning causing early acute renal failure and anuria: a case report.

A Combination Therapy Using Electrical Stimulation and Adaptive, Conductive Hydrogels Loaded with Self-Assembled Nanogels Incorporating Short Interfering RNA Promotes the Repair of Diabetic Chronic Wounds.

Polyhalogenated carbazoles (PHCZs) induce cardiotoxicity and behavioral changes in zebrafish at early developmental stages.

Synbiotics, prebiotics and probiotics for solid organ transplant recipients.

Transcriptome sequencing of 3,3',4,4',5-Pentachlorobiphenyl (PCB126)-treated human preadipocytes demonstrates progressive changes in pathways associated with inflammation and diabetes.

Ameliorative role of inducible nitric oxide synthase inhibitors against sodium arsenite-induced renal and hepatic dysfunction in rats.

Assessment of the Proton Pump Inhibitor, Esomeprazole Magnesium Hydrate and Trihydrate, on Pathophysiological Markers of Preeclampsia in Preclinical Human Models of Disease.

Damage of uremic myocardium by p-cresyl sulfate and the ameliorative effect of Klotho by regulating SIRT6 ubiquitination.

HDL functionality in type 1 diabetes: enhancement of cholesterol efflux capacity in relationship with decreased HDL carbamylation after improvement of glycemic control.

Ingestion poisoning related lung injury- a pictorial review.

Prenatal treprostinil reduces the pulmonary hypertension phenotype in the rat model of congenital diaphragmatic hernia.

A novel surgical toxicological-free model of diaphragmatic hernia in fetal rats.

Prognostic value of neutrophil to lymphocyte ratio in the diagnosis of neurotoxicity after glufosinate ammonium poisoning.

Quizalofop-P-ethyl induced developmental toxicity and cardiotoxicity in early life stage of zebrafish (Danio rerio).

HIF-1 α /VEGF pathway mediates 1,3,6,8-tetrabromo-9 β -H-carbazole-induced angiogenesis: a potential vascular toxicity of an emerging contaminant.

Thermogenic T cells: a cell therapy for obesity?

Mild Mitochondrial Uncoupling Decreases Experimental Atherosclerosis, A Proof of Concept.

N6-Acetyl-L-Lysine and p-Cresol as Key Metabolites in the Pathogenesis of COVID-19 in Obese Patients.

Redox-dependent loss of flavin by mitochondria complex I is different in brain and heart.

Flumioxazin, a PPO inhibitor: A weight-of-evidence consideration of its mode of action as a developmental toxicant in the rat and its relevance to humans.

Potential Protective Effect of Spirulina Platensis on Sodium Arsenite Induced Cardiotoxicity in Male Rats.

A Phase 1 Clinical Study Evaluating the Effects of Cenobamate on the QT Interval.

TCDD aggravates the formation of the atherosclerotic plaque in ApoE KO mice with a sexual dimorphic pattern.

Molecular characterization of the aryl hydrocarbon receptor 2 gene in black rockfish, *Sebastes schlegelii*, and its expression patterns upon exposure to benzo[a]pyrene, 2,3,7,8-tetrachlorodibenzo-p-dioxin, and β -naphthoflavone.

Monomeric C-Reactive Protein: Current Perspectives for Utilization and Inclusion as a Prognostic Indicator and Therapeutic Target.

Tryptophan Metabolites Regulate Neuropentraxin 1 Expression in Endothelial Cells.

Metabolic trade-offs favor regulated hypothermia and inhibit fever in immune-challenged chicks.

Bis-Amiridines as Acetylcholinesterase and Butyrylcholinesterase Inhibitors: N-Functionalization Determines the Multitarget Anti-Alzheimer's Activity Profile.

A randomized double-blind cross-over trial to study the effects of resistant starch prebiotic in chronic kidney disease (ReSPECKD).

Measurement of Urinary Triclocarban and 2,4-Dichlorophenol Concentration and Their Relationship with Obesity and Predictors of Cardiovascular Diseases among Children and Adolescents in Kerman, Iran.

An evidence-based definition of anemia for singleton, uncomplicated pregnancies.

Impact of Uremic Toxins on Endothelial Dysfunction in Chronic Kidney Disease: A Systematic Review.

Potential therapies for sodium azide intoxication; a case report and review of the literature.

Minocycline improves the functional recovery after traumatic brain injury via inhibition of aquaporin-4.

Novel intestinal dialysis interventions and microbiome modulation to control uremia.

Biotic Supplements in Patients With Chronic Kidney Disease: Meta-Analysis of Randomized Controlled Trials.

Metabolome-wide association study of serum exogenous chemical residues in a cohort with 5 major chronic diseases.

Acrolein-inducing ferroptosis contributes to impaired peripheral neurogenesis in zebrafish.

Rare fatal poisoning through dermal exposure to paraquat.

Fossil-fuel and combustion-related air pollution and hypertension in the Sister Study.

Exposure to pyrazosulfuron-ethyl induces immunotoxicity and behavioral abnormalities in zebrafish embryos.

Toxic effects of pesticides on cellular and humoral immunity: an overview.

Extracellular matrix and cyclic stretch alter fetal cardiomyocyte proliferation and maturation in a rodent model of heart hypoplasia.

Acetobacter tropicalis bacteraemia in an immunocompromised patient: case report.

Comparative Biochemical Profiling of Aluminum Chloride and Sodium Azide Induced Neuroinflammation and Cardiometabolic Disturbance.

Optical characteristics of the skin with dark circles using pump-probe imaging.

Ethoxyquin is a Competent Radical-Trapping Antioxidant for Preventing Ferroptosis in Doxorubicin Cardiotoxicity.

Associations between Maternal Polychlorinated Dibenzo-p-dioxin and Dibenzofuran Serum Concentrations and Pulse Pressure in Early Pregnancy: A Cross-Sectional Study.

Elevated congenital heart disease birth prevalence rates found in Central Vietnam and dioxin TCDD residuals from the use of 2, 4, 5-T herbicides (Agent Orange) in the Da Nang region.

(13)C ENDOR Characterization of the Central Carbon within the Nitrogenase Catalytic Cofactor Indicates That the CFe(6) Core Is a Stabilizing "Heart of Steel".

Idiopathic unilateral third nerve palsy with pupillary sparing in 10-year-old child -a case report.

Lethal diquat poisoning manifests as acute central nervous system injury and circulatory failure: A retrospective cohort study of 50 cases.

Pendimethalin induces apoptotic cell death through activating ER stress-mediated mitochondrial dysfunction in human umbilical vein endothelial cells.

Facile fabrication of Bi-layered perfusable hydrogel tubes as biomimetic 3D arterial construct.

Facile preparation of PVA hydrogels with adhesive, self-healing, antimicrobial, and on-demand removable capabilities for rapid hemostasis.

An online atlas of human plasma metabolite signatures of gut microbiome composition.

Cobinamide is a strong and versatile antioxidant that overcomes oxidative stress in cells, flies, and diabetic mice.

Ioxynil and diethylstilbestrol increase the risks of cardiovascular and thyroid dysfunction in zebrafish.

Evaluation of the toxicological effects of atrazine-metolachlor in male rats: in vivo and in silico studies.

Ammonium tetrathiomolybdate triggers autophagy-dependent NRF2 activation in vascular endothelial cells.

E-cigarette aerosol exacerbates cardiovascular oxidative stress in mice with an inactive aldehyde dehydrogenase 2 enzyme.

Beta-glucan effects on 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity in liver and brain.

Genetic background modulates the sensitivity of *Caenorhabditis elegans* to the toxic effects of vehicular air pollution.

Paraquat induced oxidative stress, DNA damage, and cytotoxicity in lymphocytes.

Integrated Multilayer Omics Reveals the Genomic, Proteomic, and Metabolic Influences of Histidyl Dipeptides on the Heart.

Melatonin Prevents NaAsO₂-Induced Developmental Cardiotoxicity in Zebrafish through Regulating Oxidative Stress and Apoptosis.

Automated Cardiac Chamber Size and Cardiac Physiology Measurement in Water Fleas by U-Net and Mask RCNN Convolutional Networks.

Exposure to the Dioxin-like Pollutant PCB 126 Afflicts Coronary Endothelial Cells via Increasing 4-Hydroxy-2 Nonenal: A Role for Aldehyde Dehydrogenase 2.

Associations of Smokeless Tobacco Use With Cardiovascular Disease Risk: Insights From the Population Assessment of Tobacco and Health Study.

The Anti-CGRP Antibody Fremanezumab Lowers CGRP Release from Rat Dura Mater and Meningeal Blood Flow.

AM1241-Loaded Poly(ethylene glycol)-Dithiothreitol Hydrogel Repairs Cranial Bone Defects by Promoting Vascular Endothelial Growth Factor and COL-1 Expression.

Associations of total urinary arsenic with total cholesterol and high-density lipoprotein among 12-17-year-old participants from the 2009-2016 NHANES cycles: A cross-sectional study.

Assessment of Physicochemical, Microbiological and Toxicological Hazards at an Illegal Landfill in Central Poland.

Atrazine and Diuron Effects on Survival, Embryo Development, and Behavior in Larvae and Adult Zebrafish.

Agent Orange Reviewed: Potential Role in Peripheral Neuropathy and Neurodegeneration.

The hormetic response of heart rate of fish embryos to contaminants - Implications for research and policy.

Diquat Poisoning: Care Management and Medico-Legal Implications.

Insight in Hypoxia-Mimetic Agents as Potential Tools for Mesenchymal Stem Cell Priming in Regenerative Medicine.

A Critical Review of Zebrafish Models of Parkinson's Disease.

Novel Coconut Vinegar Attenuates Hepatic and Vascular Oxidative Stress in Rats Fed a High-Cholesterol Diet.

Metabolic profiling of serum and urine in lactating dairy cows affected by subclinical ketosis using proton nuclear magnetic resonance spectroscopy.

Laser-induced choroidal neovascularization detected on optical coherence tomography angiography in patients with diabetic retinopathy.

Effects of the L-tyrosine-derived bacterial metabolite p-cresol on colonic and peripheral cells.

Health risks of sulfentrazone exposure during zebrafish embryo-larvae development at environmental concentration.

Assessment of the risk posed by three antifouling biocides to Pacific oyster embryos and larvae in Hiroshima Bay, Japan.

Why Do High-Risk Patients Develop or Not Develop Coronary Artery Disease? Metabolic Insights from the CAPIRE Study.

Toxicity effect of Diuron on gill tissue structure and the tissue residue of blood cockles (*Tegillarca granosa*).

Lung inflammation from repeated exposure to LPS and glyphosate.

Whole-body bioconcentration and biochemical and morphological responses of gills of the neotropical fish *Prochilodus lineatus* exposed to 2,4-dichlorophenoxyacetic acid or fipronil individually or in a mixture.

Bidirectional role of reactive oxygen species during inflammasome activation in acrolein-induced human EAhy926 cells pyroptosis.

Toxicological Parameters of a Formulation Containing Cinnamaldehyde for Use in Treatment of Oral Fungal Infections: An In Vivo Study.

Short exposure to glyphosate induces locomotor, craniofacial, and bone disorders in zebrafish (*Danio rerio*) embryos.

Toxicity of 2-methyl-4-chlorophenoxy acetic acid alone and in combination with cyhalofop-butyl to *Cyprinus carpio* embryos.

A Glyphosate-Based Formulation but Not Glyphosate Alone Alters Human Placental Integrity.

Paraquat-induced cholesterol biosynthesis proteins dysregulation in human brain microvascular endothelial cells.

Glyphosate and Polyoxyethyleneamine Ingestion Leading to Renal, Hepatic, and Pulmonary Failure.

circGLI3 Inhibits Oxidative Stress by Regulating the miR-339-5p/VEGFA Axis in IPEC-J2 Cells.

Overexpression of TOLLIP Protects against Acute Kidney Injury after Paraquat Intoxication through Inhibiting NLRP3 Inflammasome Activation Modulated by Toll-Like Receptor 2/4 Signaling.

The Development and Evaluation of Brain and Heart Cell Lines from a Marine Fish for Use in Xenobiotic-Induced Cytotoxicity Testing.

Effects of microplastics and glyphosate on growth rate, morphological plasticity, photosynthesis, and oxidative stress in the aquatic species *Salvinia cucullata*.

Isorhynchophylline ameliorates paraquat-induced acute kidney injury by attenuating oxidative stress and mitochondrial damage via regulating toll-interacting expression.

Neurotoxin-Induced Rodent Models of Parkinson's Disease: Benefits and Drawbacks.

Ubiquinone Metabolism and Transcription HIF-1 Targets Pathway Are Toxicity Signature Pathways Present in Extracellular Vesicles of Paraquat-Exposed Human Brain Microvascular Endothelial Cells.

Hemodynamic and electromechanical effects of paraquat in rat heart.

Cardiovascular damage associated with subchronic exposure to the glyphosate herbicide in Wistar rats.

Paraquat herbicide diminishes chemoreflex sensitivity, induces cardiac autonomic imbalance and impair cardiac function in rats.

Characterizing the protracted neurobiological and neuroanatomical effects of paraquat in a murine model of Parkinson's disease.

Cardiogenic shock with first-degree heart block in a patient with glyphosate-surfactant poisoning.

A case of fatal intoxication by ingestion of an herbicide formulation containing fluroxypyr-meptyl and triclopyr.

Differential impact of dose-range glyphosate on locomotor behavior, neuronal activity, gliocerebrovascular structures, and transcript regulations in zebrafish larvae.

Low-dose exposure of glyphosate-based herbicides disrupt the urine metabolome and its interaction with gut microbiota.

Hepatotoxic Effects of Atrazine on *Clarias gariepinus* (Burchell, 1822): Biochemical and Histopathological Studies.

The use of combined high-fructose diet and glyphosate to model rats type 2 diabetes symptomatology.

Changes in microtubule stability in zebrafish (*Danio rerio*) embryos after glyphosate exposure.

Effects of subchronic exposure to environmentally relevant concentrations of the herbicide atrazine in the Neotropical fish *Astyanax altiparanae*.

Glyphosate poisoning - a case report.

Assessing the toxicity of three "inert" herbicide safeners toward *Danio rerio*: Effects on embryos development.

Life-threatening triclopyr poisoning due to diethylene glycol monoethyl ether solvent.

Effects of Trans-Cinnamaldehyde on Reperfused Ischemic Skeletal Muscle and the Relationship to Laminin.

Study on the Efficacy and Safety of Ambroxol Combined with Methylprednisolone in Patients with Acute Lung Injury.

Reduced Acrolein Detoxification in *akr1a1a* Zebrafish Mutants Causes Impaired Insulin Receptor Signaling and Microvascular Alterations.

Urinary arsenic and heart disease mortality in NHANES 2003-2014.

The relationship between chronic arsenic exposure and body measures among US adults: National Health and Nutrition Examination Survey 2009-2016.

[Clinical research of the differences between hematocrit and serum albumin for evaluating the severity of acute paraquat poisoning].

Acrolein Induces Systemic Coagulopathy via Autophagy-dependent Secretion of von Willebrand Factor in Mice after Traumatic Brain Injury.

Evaluation of Multiple Organ Dysfunction Score (MODS) and the Sequential Organ Failure Assessment (SOFA) score as in-hospital outcome predictors among cases of hydrogen cyanamide exposure: a cross-sectional study.

[A case of allergic cutaneous vasculitis caused by glyphosate].

Cinnamaldehyde Improves Metabolic Functions in Streptozotocin-Induced Diabetic Mice by Regulating Gut Microbiota.

Health-Related Quality of Life and Angina in Fractional Flow Reserve- Versus Angiography-Guided Coronary Artery Bypass Grafting: FARGO Trial (Fractional Flow Reserve Versus Angiography Randomization for Graft Optimization).

The Onset of Systemic Oxidative Stress Associated with the Accumulation of Lipid Peroxidation Product Acrolein in the Skin of Patients with Small-Vessel Vasculitis.

Esophagitis dissecans superficialis associated with acute transoral paraquat poisoning: Clinical study of 15 cases.

[Progress in the study of pulmonary fibrosis signaling pathways caused by paraquat poisoning].

Cinnamaldehyde mitigates placental vascular dysfunction of gestational diabetes and protects from the associated fetal hypoxia by modulating placental angiogenesis, metabolic activity and oxidative stress.

Microdesigned Nanocellulose-Based Flexible Antibacterial Aerogel Architectures Impregnated with Bioactive Cinnamomum cassia.

Urinary Levels of the Acrolein Conjugates of Carnosine Are Associated with Cardiovascular Disease Risk.

An Unusual Case of Paraquat-Induced Rhabdomyolysis and Hepatic Injury Presenting With Takotsubo Cardiomyopathy.

Effect of different doses of 2,4-dichlorophenoxyacetic acid (2,4-D) on cardiac parameters in male Wistar rats.

Effects of low-concentration glyphosate and aminomethyl phosphonic acid on zebrafish embryo development.

E-cigarette vaping liquids and the flavoring chemical cinnamaldehyde perturb bone, cartilage and vascular development in zebrafish embryos.

Interconversion and Acrolein-Trapping Capacity of Cardamomin/Alpinetin and Their Metabolites In Vitro and In Vivo.

[Analysis of clinical characteristics and prognostic factors in 40 cases of acute glyphosate poisoning].

Accelerated atrazine degradation and altered metabolic pathways in goat manure assisted soil bioremediation.

Alveolar-arterial partial pressure difference as an early predictor for patients with acute paraquat poisoning.

Acrolein but not its metabolite, 3-Hydroxypropylmercapturic acid (3HPMA), activates vascular transient receptor potential Ankyrin-1 (TRPA1): Physiological to toxicological implications.

Exposure to volatile organic compounds - acrolein, 1,3-butadiene, and crotonaldehyde - is associated with vascular dysfunction.

Cytotoxicity and genotoxicity of methomyl, carbaryl, metalaxyl, and pendimethalin in human umbilical vein endothelial cells.

Rare, Protein-Altering Variants in AS3MT and Arsenic Metabolism Efficiency: A Multi-Population Association Study.

An Intensified Acrolein Exposure Can Affect Memory and Cognition in Rat.

A dicamba resistance-endowing IAA16 mutation leads to significant vegetative growth defects and impaired competitiveness in kochia (*Bassia scoparia*) (€).

Cardioprotective and nephroprotective effects of Quercetin against different toxic agents.

Low-dose PCB126 exposure disrupts cardiac metabolism and causes hypertrophy and fibrosis in mice.

Chemical constituents and medicinal properties of *Allium* species.

Gut Microbiota and Their Derived Metabolites, a Search for Potential Targets to Limit Accumulation of Protein-Bound Uremic Toxins in Chronic Kidney Disease.

Dinitramine induces cardiotoxicity and morphological alterations on zebrafish embryo development.

Ameliorative role of rolipram, PDE-4 inhibitor, against sodium arsenite-induced vascular dementia in rats.

Passage Number-Induced Replicative Senescence Modulates the Endothelial Cell Response to Protein-Bound Uremic Toxins.

Sphingolipid imbalance and inflammatory effects induced by uremic toxins in heart and kidney cells are reversed by dihydroceramide desaturase 1 inhibition.

Cardiac toxicity assessment of pendimethalin in zebrafish embryos.

Lipid metabolism disorders associated with dioxin exposure in a cohort of Chinese male workers revealed by a comprehensive lipidomics study.

Protein-Bound Uremic Toxins Lowering Effect of Sevelamer in Pre-Dialysis Chronic Kidney Disease Patients with Hyperphosphatemia: A Randomized Controlled Trial.

Cardiotoxicity of some pesticides and their amelioration.

Uremic endothelial-derived extracellular vesicles: Mechanisms of formation and their role in cell adhesion, cell migration, inflammation, and oxidative stress.

Fluroxypyr-1-methylheptyl ester interferes with the normal embryogenesis of zebrafish by inducing apoptosis, inflammation, and neurovascular toxicity.

Citrullinated and homocitrullinated low- density lipoprotein in rheumatoid arthritis.

Prenatal Molecular Hydrogen Administration Ameliorates Several Findings in Nitrofen-Induced Congenital Diaphragmatic Hernia.

Maternal 3,3-Dimethyl-1-Butanol Therapy Protects Adult Male Rat Offspring against Hypertension Programmed by Perinatal TCDD Exposure.

Overexpression of miR-19a and miR-20a in iPS-MSCs preserves renal function of chronic kidney disease with acute ischaemia-reperfusion injury in rat.

Sodium azide poisoning: a narrative review.

8-Formylpogonone B antagonizes doxorubicin-induced cardiotoxicity by suppressing heme oxygenase-1-dependent myocardial inflammation and fibrosis.

Association Between Kidney Clearance of Secretory Solutes and Cardiovascular Events: The Chronic Renal Insufficiency Cohort (CRIC) Study.

Oxidative stress inducers potentiate 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated pre-cardiac edema in larval zebrafish.

A novel imidazolinone metformin-methylglyoxal metabolite promotes endothelial cell angiogenesis via the eNOS/HIF-1 α pathway.

Gallic acid ameliorates sodium arsenite-induced renal and hepatic toxicity in rats.

Unconjugated p-cresol activates macrophage macropinocytosis leading to increased LDL uptake.

[The Comparison of Iron Deficiency Anemia Rat Treated with Hydroxypropyl Chitosan Ferrous Ion Complex and Ferrous Sulfate].

Regulated hypothermia in response to endotoxin in birds.

Toxicoepidemiology and predictors of death in 2,4-dinitrophenol (DNP) toxicity.

[Risk factors associated with acute kidney injury caused by pesticide poisoning].

Developmental and lifelong dioxin exposure induces measurable changes in cardiac structure and function in adulthood.

Associations among total p-cresylsulfate, indoxyl sulfate and hippuric acid levels with hemodialysis quality indicators in maintenance hemodialysis patients.

Glycine-Conjugated Bile Acids Protect RPE Tight Junctions against Oxidative Stress and Inhibit Choroidal Endothelial Cell Angiogenesis In Vitro.

Dietary Strategies for Management of Metabolic Syndrome: Role of Gut Microbiota Metabolites.

High Serum-Induced AhRL Is Associated with Prevalent Metabolic Syndrome and Future Impairment of Glucose Tolerance in the Elderly.

2,4-Dinitrophenol overdose - Everything old is new again.

Inorganic arsenic induces sex-dependent pathological hypertrophy in the heart.

"That's Not His Regular Formula": A Case of Organophosphate Poisoning in an Infant.

Vitamin D improves pulmonary function in a rat model for congenital diaphragmatic hernia.

Thrombolome and Its Emerging Role in Chronic Kidney Diseases.

Impact of congenital diaphragmatic hernia on diaphragm muscle function in neonatal rats.

Attenuation of sodium arsenite-induced cardiotoxicity and neurotoxicity with the antioxidant, anti-inflammatory, and antiapoptotic effects of hesperidin.

The relationship of indoxyl sulfate and p-cresyl sulfate with target cardiovascular proteins in hemodialysis patients.

Ameliorative role of bosentan, an endothelin receptor antagonist, against sodium arsenite-induced renal dysfunction in rats.

Cardiovascular risk factors associated with coronary ectasia and acute myocardial infarction.

Kindlin-3 and RASSF6 are probable biomarkers for predicting metastasis in cutaneous melanoma.

Protein-Bound Uremic Toxins and Immunity.

Transamniotic Stem Cell Therapy for Experimental Congenital Diaphragmatic Hernia: Structural, Transcriptional, and Cell Kinetics Analyses in the Nitrofen Model.

Dietary supplements consumption and its association with socioeconomic factors, obesity and main non-communicable chronic diseases in the north of Iran: the PERSIAN Guilan Cohort Study (PGCS).

Erratum to: $\hat{1}\pm$, $\hat{1}^2$ -Unsaturated Aldehyde Pollutant Acrolein Suppresses Cardiomyocyte Contractile Function: Role of TRPV1 and Oxidative Stress. Zhenbiao Wu, Emily Y. He, Glenda I. Scott, Jun Ren. PMID: 24376112.

Single and binary-combined toxic effects of acetochlor and Cu(2+) on goldfish (*Carassius auratus*) larvae.

Inhibitory effect of pirfenidone on pulmonary fibrosis in patients with acute paraquat poisoning.

Comparative Genotoxicity and Mutagenicity of Cigarette, Cigarillo, and Shisha Tobacco Products in Epithelial and Cardiac Cells.

Arsenic exposure induces a bimodal toxicity response in zebrafish.

An injectable anti-microbial and adhesive hydrogel for the effective noncompressible visceral hemostasis and wound repair.

Absence of prostacyclin greatly relieves cyclophosphamide-induced cystitis and bladder pain in mice.

Impact of whole-body versus nose-only inhalation exposure systems on systemic, respiratory, and cardiovascular endpoints in a 2-month cigarette smoke exposure study in the ApoE(-/-) mouse model.

Dilated Cardiomyopathy Associated with Paraquat Herbicide Poisoning.

In-vessel composting of HMX and RDX contaminated sludge using microbes isolated from contaminated site.

ROCK1 Mediates Retinal Glial Cell Migration Promoted by Acrolein.

Transcriptional profiling of Chinese hamster ovary (CHO) cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Perinatal Resveratrol Therapy to Dioxin-Exposed Dams Prevents the Programming of Hypertension in Adult Rat Offspring.

Benoxacor caused developmental and cardiac toxicity in zebrafish larvae.

Exploring the Biological Mechanism of Huang Yam in Treating Tumors and Preventing Antitumor Drug-Induced Cardiotoxicity Using Network Pharmacology and Molecular Docking Technology.

Pelargonic acid vanillylamide and rosuvastatin protect against oxidized low-density lipoprotein-induced endothelial dysfunction by inhibiting the NF- κ B/NLRP3 pathway and improving cell-cell junctions.

Microbial Diversity and Metabolite Profile of Fermenting Millet in the Production of Hausa koko, a Ghanaian Fermented Cereal Porridge.

Fine particulate matter air pollution and aortic perivascular adipose tissue: Oxidative stress, leptin, and vascular dysfunction.

The impact of vaping on ocular health: a literature review.

Conserved Metabolic and Evolutionary Themes in Microbial Degradation of Carbamate Pesticides.

Assessment of the in vivo genotoxicity of pendimethalin via mitochondrial bioenergetics and transcriptional profiles during embryogenesis in zebrafish: Implication of electron transport chain activity and developmental defects.

Autonomic and cholinergic mechanisms mediating cardiovascular and temperature effects of donepezil in conscious mice.

Aclonifen causes developmental abnormalities in zebrafish embryos through mitochondrial dysfunction and oxidative stress.

Recombinant Expression of Thrombolytic Agent Reteplase in Marine Microalga *Tetraselmis subcordiformis* (Chlorodendrales, Chlorophyta).

Evaluation of pentoxifylline and ferrous sulfate for treatment of lower limb venous ulcers.

Disruption of the Diurnal Cortisol Hormone Pattern by Pesticide Use in a Longitudinal Study of Farmers in Thailand.

Removal of the fishy malodor from *Bangia fusco-purpurea* via fermentation of *Saccharomyces cerevisiae*, *Acetobacter pasteurianus*, and *Lactobacillus plantarum*.

2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure disrupts development of the visceral and ocular vasculature.

Complex Coronary In-stent Chronic Total Occlusion Lesions: Oxidative Stress, Inflammation, and Coronary Stent Lengths.

Flexibility of equine bioenergetics and muscle plasticity in response to different types of training: An integrative approach, questioning existing paradigms.

Tracheary elements from calli of Japanese horse chestnut (*Aesculus turbinata*) form perforation-like structures.

[Characteristics of Volatile Organic Compounds Pollution and Risk Assessment of Nansi Lake in Huaihe River Basin].

Atrazine Promoted Epithelial Ovarian Cancer Cells Proliferation and Metastasis by Inducing Low Dose Reactive Oxygen Species (ROS).

Paraquat poisoning in Andaman and Nicobar Islands - Government must intervene.

Borax-loaded injectable alginate hydrogels promote muscle regeneration in vivo after an injury.

PCB and TCDD derived embryonic cardiac defects result from a novel AhR pathway.

Direct and Indirect Somatic Embryogenesis Induction in *Camellia oleifera* Abel.

Lung Metabolomics Profiling of Congenital Diaphragmatic Hernia in Fetal Rats.

In vitro Regeneration of Clematis Plants in the Nikita Botanical Garden via Somatic Embryogenesis and Organogenesis.

Opposing Effects of TGF β 2 and BMP in the Pulmonary Vasculature in Congenital Diaphragmatic Hernia.

Immune and Nervous Systems Interaction in Endocrine Disruptors Toxicity: The Case of Atrazine.

Bach1 plays an important role in angiogenesis through regulation of oxidative stress.

Simultaneous removal of ammonia and volatile organic compounds from composting of dead pigs and manure using pilot-scale biofilter.

Beyond the Tip of the Blade: An Investigation of Upper Extremity Machete Injuries in Honduras.

Convergent evolution of plant specialized 1,4-naphthoquinones: metabolism, trafficking, and resistance to their allelopathic effects.

Benfuresate induces developmental toxicity in zebrafish larvae by generating apoptosis and pathological modifications.

NF- κ B is critical for the proper growth of zebrafish embryonic heart and its cardiomyocyte proliferation.

Cyclophosphamide arrhythmogenicity testing using human-induced pluripotent stem cell-derived cardiomyocytes.

2,4-Dichlorophenoxyacetic Acid Poisoning Mimicking as Organophosphorus Poisoning.

A bone regeneration strategy via dual delivery of demineralized bone matrix powder and hypoxia-pretreated bone marrow stromal cells using an injectable self-healing hydrogel.

Arsenic-induced HER2 promotes proliferation, migration and angiogenesis of bladder epithelial cells via activation of multiple signaling pathways in vitro and in vivo.

Atomic structures of respiratory complex III(2), complex IV, and supercomplex III(2)-IV from vascular plants.

Acrolein and other toxicant exposures in relation to cardiovascular disease among marijuana and tobacco smokers in a longitudinal cohort of HIV-positive and negative adults.

Pro-inflammatory Mediators and Oxidative Stress: Therapeutic Markers for Recurrent Angina Pectoris after Coronary Artery Stenting in Elderly Patients.

Heart Rate Variability Analysis in Workers Exposed to Methyl Bromide as a Quarantine Treatment.

Impact of Diuron contamination on blood cockles (*Tegillarca granosa* Linnaeus, 1758).

Acrolein: A Potential Mediator of Oxidative Damage in Diabetic Retinopathy.

A rabbit model for evaluating ocular damage from acrolein toxicity in vivo.

Reduction by, ligand exchange among, and covalent binding to glutathione and cellular thiols link metabolism and disposition of dietary arsenic species with toxicity.

Cigarette Smoke Extract and Its Cytotoxic Factor Acrolein Inhibit Nitric Oxide Production in Human Vascular Endothelial Cells.

Toxicological impacts of herbicide paraquat dichloride on histological profile (gills, liver, and kidney) of freshwater fish *Channa punctatus* (Bloch).

Effect of fomesafen on the embryonic development of zebrafish.

Developmental toxicity of chlorpropham induces pathological changes and vascular irregularities in zebrafish embryos.

Changes in rhizobacterial community mediating atrazine dissipation by arbuscular mycorrhiza.

Ovarian mitochondrial and oxidative stress proteins are altered by glyphosate exposure in mice.

Hydrogen sulfide alleviates oxidative stress injury and reduces apoptosis induced by MPP(+) in Parkinson's disease cell model.

Characterization of a Parkinson's disease rat model using an upgraded paraquat exposure paradigm.

Influence of strengthened hemoperfusion combined with continuous venovenous hemofiltration on prognosis of patients with acute paraquat poisoning: SHP+CVVH improve prognosis of acute PQ patients.

[Treatment of "hydration therapy" for acute paraquat poisoning].

Haloxfop-P-methyl induces developmental defects in zebrafish embryos through oxidative stress and anti-vasculogenesis.

Embryotoxicity of atrazine and its degradation products to early life stages of zebrafish (*Danio rerio*).

Effects of a glyphosate-based herbicide on the development and biochemical biomarkers of the freshwater copepod *Notodiaptomus carteri* (Lowndes, 1934).

[Predictive value of early indicators changes in blood test on the prognosis of patients with acute paraquat poisoning].

Glyphosate Induces Metaphase II Oocyte Deterioration and Embryo Damage by Zinc Depletion and Overproduction of Reactive Oxygen Species.

Environmental Pollution, Oxidative Stress and Thioretinaco Ozonide: Effects of Glyphosate, Fluoride and Electromagnetic Fields on Mitochondrial Dysfunction in Carcinogenesis, Atherogenesis and Aging.

Lipids, proteins and extracellular metabolites of *Trichoderma harzianum* modifications caused by 2,4-dichlorophenoxyacetic acid as a plant growth stimulator.

[One case successfully rescued acute poisoning caused by misadministration of large amount of glufosinate].

Environmentally relevant mixture of S-metolachlor and its two metabolites affects thyroid metabolism in zebrafish embryos.

Exposure to diclofop-methyl induces cardiac developmental toxicity in zebrafish embryos.

Acrolein-induced apoptosis of smooth muscle cells through NEAT1-Bmal1/Clock pathway and a protection from asparagus extract.

Quantification of selected aroma compounds in e-cigarette products and toxicity evaluation in HUVEC/Tert2 cells.

Potential Role of Selenium Against Hepatotoxicity Induced by 2,4-Dichlorophenoxyacetic Acid in Albino Wistar Rats.

Human amniotic mesenchymal stem cells alleviate paraquat-induced pulmonary fibrosis in rats by inhibiting the inflammatory response.

Electrocardiographic abnormalities associated with acute glyphosate toxicity.

Effects of acrolein in comparison to its prodrug cyclophosphamide on human primary endothelial cells in vitro.

2,4-Dichlorophenoxyacetic acid herbicide effects on zebrafish larvae: development, neurotransmission and behavior as sensitive endpoints.

Testosterone antagonizes paraquat-induced cardiomyocyte senescence via the mIGF-1/SIRT1 signaling pathway.

Ischemic stroke disrupts the endothelial glycocalyx through activation of proHPSE via acrolein exposure.

Anti-hypertensive effect of hydrogen peroxide acting centrally.

Pathological Role of Unsaturated Aldehyde Acrolein in Diabetic Retinopathy.

Nrf-2: The Target of Vascular Dysfunction in Diabetes.

Cinnamaldehyde Ameliorates Vascular Dysfunction in Diabetic Mice by Activating Nrf2.

Lethal diquat poisoning manifesting as central pontine myelinolysis and acute kidney injury: A case report and literature review.

Cinnamaldehyde protects against oxidative stress and inhibits the TNF α -induced inflammatory response in human umbilical vein endothelial cells.

Cardiospecific Overexpression of ATPGD1 (Carnosine Synthase) Increases Histidine Dipeptide Levels and Prevents Myocardial Ischemia Reperfusion Injury.

Cardiac toxicity of acrolein exposure in embryonic zebrafish (*Danio rerio*).

Poloxamer 188-mediated anti-inflammatory effect rescues cognitive deficits in paraquat and maneb-induced mouse model of Parkinson's disease.

The polypharmacy reduction potential of cinnamic acids and some related compounds in pre- and post-onset management of type 2 diabetes mellitus.

Aldehyde Dehydrogenase Inhibition Ameliorates Cardiac Dysfunction and Exacerbates Hypotension Caused by Alcohol in Female Rats.

Acrolein is involved in ischemic stroke-induced neurotoxicity through spermidine/spermine-N1-acetyltransferase activation.

Somatic embryogenesis from leaf tissues of macaw palm [*Acrocomia aculeata* (Jacq.) Lodd. ex Mart.].

Proteomic signatures of acute oxidative stress response to paraquat in the mouse heart.

Sub-lethal toxicity assessment of the phenylurea herbicide linuron in developing zebrafish (*Danio rerio*) embryo/larvae.

Protective effects of paeoniflorin on acrolein-induced apoptosis in H9c2 cardiomyocytes.

Understanding the Functional Impact of VOC-Ozone Mixtures on the Chemistry of RNA in Epithelial Lung Cells.

Acrolein, e-cigarettes, and pulmonary and vascular damage.

Modification of HDL by reactive aldehydes alters select cardioprotective functions of HDL in macrophages.

Arsenic compounds activate the MAPK and caspase pathways to induce apoptosis in OEC μ M1 gingival epidermal carcinoma.

Role of sodium tetraborate as a cardioprotective or competitive agent: Modulation of hypertrophic intracellular signals.

Randomized, Placebo-Controlled Trial of Rifaximin Therapy for Lowering Gut-Derived Cardiovascular Toxins and Inflammation in CKD.

Evaluation of the effectiveness of valproic acid for treating cyanotic breath holding spells: A Pilot prospective study.

Quercetin may repair the impaired oxidant-antioxidant balance in 1, 2, 3, 4-tetrachlorodibenzo-p-dioxin induced cardiac injury in male rats.

Serum indoxyl sulfate concentrations associate with progression of chronic kidney disease in children.

[Omphalomesenteric fistulas; epidemiological diagnostic and therapeutic features: study of four cases in the Department of Pediatric Surgery at the Aristide Le Dantec University Hospital in Dakar].

Boron improves cardiac contractility and fibrotic remodeling following myocardial infarction injury.

Glufosinate constrains synchronous and metachronous metastasis by promoting anti-tumor macrophages.

Exposure to Oxadiazon-Butachlor causes cardiac toxicity in zebrafish embryos.

Nanosized drug-eluting bead for transcatheter arterial chemoembolization (ND-TACE).

Arsenic induces dose-dependent structural and ultrastructural pathological remodeling in the heart of Wistar rats.

Association between exposure to polychlorinated biphenyls and risk of hypertension: A systematic review and meta-analysis.

Extracellular vesicles influence the pulmonary arterial extracellular matrix in congenital diaphragmatic hernia.

Blood vessels are primary targets for 2,3,7,8-tetrachlorodibenzo-p-dioxin in pre-cardiac edema formation in larval zebrafish.

Influence of Resveratrol on the Cardiovascular Health Effects of Chronic Kidney Disease.

[Effects and mechanism of mitochondrial transcription factor A and cytochrome c oxidase pathway in the energy production of hypoxic cardiomyocytes of rats regulated by tumor necrosis factor receptor associated protein 1].

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and Polychlorinated Biphenyl Coexposure Alters the Expression Profile of MicroRNAs in the Liver Associated with Atherosclerosis.

Extracellular Vesicles Attenuate Nitrofen-Mediated Human Pulmonary Artery Endothelial Dysfunction: Implications for Congenital Diaphragmatic Hernia.

Targeting on Gut Microbiota-Derived Metabolite Trimethylamine to Protect Adult Male Rat Offspring against Hypertension Programmed by Combined Maternal High-Fructose Intake and Dioxin Exposure.

Scavenging Intracellular ROS Attenuates p-Cresyl Sulfate-Triggered Osteogenesis through MAPK Signaling Pathway and NF- κ B Activation in Human Arterial Smooth Muscle Cells.

Wheat flour fortification with iron for reducing anaemia and improving iron status in populations.

2,6-Diisobornyl-4-Methylphenol Reduces Postischemic Myocardium Remodeling in Delayed Period after Ischemia/Reperfusion in Rats.

Role of endothelial microvesicles released by p-cresol on endothelial dysfunction.

Uremic Toxins and Vascular Dysfunction.

Prebiotic inulin consumption reduces dioxin-like PCB 126-mediated hepatotoxicity and gut dysbiosis in hyperlipidemic Ldlr deficient mice.

Aryl Hydrocarbon Receptor-Dependent inductions of omega-3 and omega-6 polyunsaturated fatty acid metabolism act inversely on tumor progression.

Chronic Kidney Disease-Associated Immune Dysfunctions: Impact of Protein-Bound Uremic Retention Solutes on Immune Cells.

Identification of environmental chemicals targeting miscarriage genes and pathways using the comparative toxicogenomics database.

Death of an apprentice bodybuilder following 2,4-dinitrophenol and clenbuterol intake.

2,4-Dinitrophenol exposures and deaths in Australia after the 2017 up-scheduling.

Role of Metallothionein-1 and Metallothionein-2 in the Neuroprotective Mechanism of Sevoflurane Preconditioning in Mice.

Inulin-type fructan intervention restricts the increase in gut microbiome-generated indole in patients with peritoneal dialysis: a randomized crossover study.

Diet aid or aid to die: an update on 2,4-dinitrophenol (2,4-DNP) use as a weight-loss product.

Taurocholic acid inhibits features of age-related macular degeneration in vitro.

Cardioprotective role of metformin against sodium arsenite-induced oxidative stress, inflammation, and apoptosis.

Research into the intervention effect of folic acid on arsenic-induced heart abnormalities in fetal rats during the periconception period.

Isolation and Quantification of Uremic Toxin Precursor-Generating Gut Bacteria in Chronic Kidney Disease Patients.

Effect of fatty fish or nut consumption on concentrations of persistent organic pollutants in overweight or obese men and women: A randomized controlled clinical trial.

A Young Man with Accelerated Hyperthermia, Hypercapnia, and Profound Muscle Rigidity after Ingestion of a Weight Loss Agent.

A Case of a 15-Month-Old With Periorbital Edema and Severe Anemia.

Temporal and tissue-specific activation of aryl hydrocarbon receptor in discrete mouse models of kidney disease.

The Natural Metabolite 4-Cresol Improves Glucose Homeostasis and Enhances β^2 -Cell Function.

Improving the clearance of protein-bound uremic toxins using cationic liposomes as an adsorbent in dialysate.

Longitudinal association of biomarkers of pesticide exposure with cardiovascular disease risk factors in youth with diabetes.

Congenital diaphragmatic hernia as a potential target for transamniotic stem cell therapy.

P-Cresylsulfate, the Protein-Bound Uremic Toxin, Increased Endothelial Permeability Partly Mediated by Src-Induced Phosphorylation of VE-Cadherin.

Molecular and Cellular Mechanisms that Induce Arterial Calcification by Indoxyl Sulfate and P-Cresyl Sulfate.

Health effects of nutrients and environmental pollutants in Baltic herring and salmon: a quantitative benefit-risk assessment.

An unsupervised learning approach to identify novel signatures of health and disease from multimodal data.

Transfusion-Free Cranial Vault Remodeling: A Novel, Multifaceted Approach.

Distribution and Determinants of Chronic Kidney Disease of Unknown Etiology: A Brief Overview.

Ecological risk of pesticide contamination in a Brazilian river located near a rural area: A study of biomarkers using zebrafish embryos.

Ferulic acid attenuates arsenic-induced cardiotoxicity in rats.

Uremic toxins promote accumulation of oxidized protein and increased sensitivity to hydrogen peroxide in endothelial cells by impairing the autophagic flux.

Loss of the mitochondrial lipid cardiolipin leads to decreased glutathione synthesis.

Transient receptor potential ankyrin 1 (TRPA1)-mediated toxicity: friend or foe?

Curing of Cocoa Beans: Fine-Scale Monitoring of the Starter Cultures Applied and Metabolomics of the Fermentation and Drying Steps.

Hepato-Genoprotective Activities of Methanol Extract of The Stem Bark of *Adansonia Digitata* LINN. In Wistar Rats Challenged with Sodium Arsenite.

PDE5 inhibition rescues mitochondrial dysfunction and angiogenic responses induced by Akt3 inhibition by promotion of PRC expression.

[The role of noninvasive hemodynamic monitoring in the evaluation of acute and severe pesticide poisoning].

Risk-Benefit Modeling to Guide Health Research in Collaboration with Great Lakes Fish Consuming Native American Communities.

Dioxin Disrupts Dynamic DNA Methylation Patterns in Genes That Govern Cardiomyocyte Maturation.

Heat-not-burn tobacco products: an emerging threat to cardiovascular health.

An aryl hydrocarbon receptor agonist suppresses the growth of human umbilical vein endothelial cells in vitro: Potent effect with polyunsaturated fatty acids.

Fibrinolysis-resistant carbonylated fibrin detected in thrombi attached to the vascular wall of abdominal aortic aneurysms.

Aspirin Eugenol Ester Protects Vascular Endothelium From Oxidative Injury by the Apoptosis Signal Regulating Kinase-1 Pathway.

Uremic toxic substances are essential elements for enhancing carotid artery stenosis after balloon-induced endothelial denudation: worsening role of the adventitial layer.

Emerging contaminant 1,3,6,8-tetrabromocarbazole induces oxidative damage and apoptosis during the embryonic development of zebrafish (*Danio rerio*).

E-cigarette use behaviors and device characteristics of daily exclusive e-cigarette users in Maryland: Implications for product toxicity.

A Comprehensive Review on Source, Types, Effects, Nanotechnology, Detection, and Therapeutic Management of Reactive Carbonyl Species Associated with Various Chronic Diseases.

Urinary levels of the acrolein conjugates of carnosine are associated with inhaled toxicants.

Behavioral Tests in Neurotoxin-Induced Animal Models of Parkinson's Disease.

Serum metabolic changes associated with dioxin exposure in a Chinese male cohort.

Efficacy of Mushroom Metabolites (*Pleurotus ostreatus*) as A Natural Product for the Suppression of Broomrape Growth (*Orobancha crenata* Forsk) in Faba Bean Plants.

Oxidative stress via the Maillard reaction is associated with the occurrence of internal browning in roots of sweetpotato (*Ipomoea batatas*).

Course of matrix metalloproteinase-1 and pulmonary oxygenation in acute respiratory distress syndrome caused by oral ingestion of large doses of oxadiazon/butachlor emulsion: a case report.

Induction of Callogenesis, Organogenesis, and Embryogenesis in Non-Meristematic Explants of Bleeding Heart and Evaluation of Chemical Diversity of Key Metabolites from Callus.

Protective Effect of Fenofibrate on Oxidative Stress-Induced Apoptosis in Retinal-Choroidal Vascular Endothelial Cells: Implication for Diabetic Retinopathy Treatment.

Negative effect of methyl bromide fumigation work on the central nervous system.

P-cresyl sulfate causes mitochondrial hyperfusion in H9C2 cardiomyoblasts.

Net release and uptake of xenometabolites across intestinal, hepatic, muscle, and renal tissue beds in healthy conscious pigs.

Kaempferol Protects Blood Vessels From Damage Induced by Oxidative Stress and Inflammation in Association With the Nrf2/HO-1 Signaling Pathway.

Caspofungin induces the release of Ca²⁺ ions from internal stores by activating ryanodine receptor-dependent pathways in human tracheal epithelial cells.

Cardiac amyloidosis possibly secondary to Agent Orange exposure.

Quantitative Proteomic Profiling of Mitochondrial Toxicants in a Human Cardiomyocyte Cell Line.

High-Efficiency CNNS@NH₂-MIL(Fe) Electrochemiluminescence Emitters Coupled with Ti₃C₂ Nanosheets as a Matrix for a Highly Sensitive Cardiac Troponin I Assay.

Short-term e-cigarette vapour exposure causes vascular oxidative stress and dysfunction: evidence for a close connection to brain damage and a key role of the phagocytic NADPH oxidase (NOX-2).

Toxicity of Gold Nanoparticles in Mice due to Nanoparticle/Drug Interaction Induces Acute Kidney Damage.

Functional modulation of sarcolemmal K(ATP) channels by atrial natriuretic peptide-elicited intracellular signaling in adult rabbit ventricular cardiomyocytes.

Orbencarb induces lethality and organ malformation in zebrafish embryos during development.

Regulation of Spermine Oxidase through Hypoxia-Inducible Factor-1 α Signaling in Retinal Glial Cells under Hypoxic Conditions.

Evaluation of different types of arsenic methylation and its relationship with metabolic syndrome in an area chronically exposed to arsenic.

In older women, a high-protein diet including animal-sourced foods did not impact serum levels and urinary excretion of trimethylamine-N-oxide.

Circulating oxidized LDL, increased in patients with acute myocardial infarction, is accompanied by heavily modified HDL.

Agronomic Factors Associated with Bacterial Leaf Streak Development Caused by *Xanthomonas vasicola* pv. *vasculorum* in Corn.

Determination of adenosine phosphates in mouse myocardium tissue by HPLC with UV detection and using porous graphite carbon column.

Non-Targeted Metabolomic Profiling of Coronary Heart Disease Patients With Taohong Siwu Decoction Treatment.

Pro-inflammatory cytokines, oxidative stress and diffuse coronary reocclusions in elderly patients after coronary stenting.

Immunohistochemical and histological evaluations of cyclophosphamide-induced acute cardiotoxicity in wistar rats: The role of turmeric extract (curcuma).

Decreased Glucose Utilization Contributes to Memory Impairment in Patients with Glufosinate Ammonium Intoxication.

Ferrous Sulfate-Induced Esophageal Injury Leading to Esophagitis Dissecans Superficialis.

Urinary Arsenic Species are Detectable in Urban Underserved Hispanic/Latino Populations: A Pilot Study from the Study of Latinos: Nutrition & Physical Activity Assessment Study (SOLNAS).

Arsenic induces platelet shape change through altering focal adhesion kinase-mediated actin dynamics, contributing to increased platelet reactivity.

Efficacy of Divinylbenzenic Resin in Removing Indoxyl Sulfate and P-Cresol Sulfate in Hemodialysis Patients: Results From an In Vitro Study and An In Vivo Pilot Trial (xuanro4-Nature 3.2).

Clinical significance of serum levels of microRNA-27a and its correlation with interleukin-10 in patients with multiple organ dysfunction syndrome caused by acute paraquat poisoning.

Cigarette smoke extract induces ferroptosis in vascular smooth muscle cells.

Ecological risk of pesticide contamination in a Brazilian river located near a rural area: A study of biomarkers using zebrafish embryos.

Uncovering pathophysiological changes in frontotemporal dementia using serum lipids.

Levels, Sources and Toxicity Risks of Polycyclic Aromatic Hydrocarbons at an Island Site in the Gulf of Tonkin.

Characterization of Volatile Organic Compound Metabolites in Cigarette Smokers, Electronic Nicotine Device Users, Dual Users, and Nonusers of Tobacco.

High resolution respirometry to assess function of mitochondria in native homogenates of human heart muscle.

Curcumin Attenuates Acrolein-induced COX-2 Expression and Prostaglandin Production in Human Umbilical Vein Endothelial Cells.

Intra-Amniotic Sildenafil Treatment Promotes Lung Growth and Attenuates Vascular Remodeling in an Experimental Model of Congenital Diaphragmatic Hernia.

Effect of antenatal tetramethylpyrazine on lung development and YAP expression in rat model of experimental congenital diaphragmatic hernia.

Distract, delay, disrupt: examples of manufactured doubt from five industries.

Diosmin ameliorative effects on oxidative stress and fibrosis in paraquat-induced lung injury in mice.

Clethodim exposure induced development toxicity and behaviour alteration in early stages of zebrafish life.

Comparative effects of parent and heated cinnamaldehyde on the function of human iPSC-derived cardiac myocytes.

Ventilator settings and outcome of respiratory failure in paraquat-induced pulmonary injury.

[Xuebijing improves clinical prognosis and reduces mortality in patients with acute paraquat poisoning: a Meta-analysis included 1 429 patients].

Cardiotoxicity of forchlorfenuron (CPPU) in zebrafish (*Danio rerio*) and H9c2 cardiomyocytes.

Overlapping and unique toxic effects of three alternative antifouling biocides (Diuron, Irgarol 1051(®), Sea-Nine 211(®)) on non-target marine fish.

Mortality, teratogenicity and growth inhibition of three glyphosate formulations using Frog Embryo Teratogenesis Assay-Xenopus.

Chronological serum concentration of imazapyr in a case of life threatening intoxication.

[Experience of continuous fluid therapy in successfully rescuing a patient with acute severe paraquat poisoning].

Cardiotoxicity in African clawed frog (*Xenopus laevis*) sub-chronically exposed to environmentally relevant atrazine concentrations: Implications for species survival.

Serial measurement of glyphosate blood concentration in a glyphosate potassium herbicide-intoxicated patient: A case report.

Mechanisms behind the atherothrombotic effects of acrolein, a review.

Parkinsonism Relating to Intoxication with Glyphosate.

Glyphosate induces toxicity and modulates calcium and NO signaling in zebrafish embryos.

Inhibition of mesenchymal stromal cells' chemotactic effect to ameliorate paraquat-induced pulmonary fibrosis.

[Establishment and evaluation of acute diquat poisoning model in Wistar rats].

Rosiglitazone attenuates paraquat-induced lung fibrosis in rats in a PPAR gamma-dependent manner.

Retrospective study of clinical features and prognosis of edaravone in the treatment of paraquat poisoning.

Dose-dependent effects of a glyphosate commercial formulation - Roundup(®) UltraMax - on the early zebrafish embryogenesis.

Pulmonary Tumor Thrombotic Microangiopathy Mimicking Inhalation Lung Injury.

Homicidal Paraquat Poisoning.

Metabolomics Analysis in Acute Paraquat Poisoning Patients Based on UPLC-Q-TOF-MS and Machine Learning Approach.

Mesenchymal Stem Cells Alleviate Acute Lung Injury and Inflammatory Responses Induced by Paraquat Poisoning.

Antioxidant and cytoprotective effects of N-acetylcysteine against subchronic oral glyphosate-based herbicide-induced oxidative stress in rats.

Paraquat affects the differentiation of neural stem cells and impairs the function of vascular endothelial cells: a study of molecular mechanism.

Effects of glyphosate and aminomethylphosphonic acid on an isogenic model of the human blood-brain barrier.

Maternal residential exposure to specific agricultural pesticide active ingredients and birth defects in a 2003-2005 North Carolina birth cohort.

Intra-abdominal follicular lymphoma masquerading as severe cardiopulmonary disease in a Vietnam War veteran exposed to agent orange.

Clethodim exposure induces developmental immunotoxicity and neurobehavioral dysfunction in zebrafish embryos.

[Clinical effect of haemoperfusion combined with continuous veno-veno haemofiltration in treatment of paraquat poisoning: a Meta-analysis].

Successful extracorporeal membrane oxygenation support for severe acute diquat and glyphosate poisoning: A case report.

Aspirin-triggered resolvin D1 alleviates paraquat-induced acute lung injury in mice.

Effects of AT-RvD1 on paraquat-induced acute renal injury in mice.

Ambient Particulate Matter and Acrolein Co-Exposure Increases Myocardial Dyssynchrony in Mice via TRPA1.

Sodium tanshinone IIA sulfate protects myocardium against paraquat-induced toxicity through activating the Nrf2 signaling pathway in rats.

Claudins, VEGF, Nrf2, Keap1, and Nonspecific Airway Hyper-Reactivity Are Increased in Mice Co-Exposed to Allergen and Acrolein.

Herbicide Paraquat provokes the stress responses of HPA axis of laboratory mouse, *Mus musculus*.

Hemodynamic changes after infusion of intravenous lipid emulsion to treat refractory hypotension caused by glyphosate-surfactant herbicide poisoning: A case report.

Prognostic factor determination mortality of acute glufosinate-poisoned patients.

Cinnamaldehyde and Phenyl Ethyl Alcohol promote the entrapment of intermediate species of HEWL, as revealed by structural, kinetics and thermal stability studies.

Loss of methionine sulfoxide reductases increases resistance to oxidative stress.

The effects of Cinnamaldehyde on early brain injury and cerebral vasospasm following experimental subarachnoid hemorrhage in rabbits.

Side Effects of Coronary Stenting such as Severe Coronary Stenosis and Multiple Coronary Chronic Total Occlusions in Elderly Patients via Induced Proinflammatory and Prooxidative Stress.

Catalase blockade reduces the pressor response to central cholinergic activation.

Cardioprotective Effects of Atorvastatin Are Mediated Through PPAR α in Paraquat-Exposed Rats.

Evaluation of relaxant responses properties of cinnamon essential oil and its major component, cinnamaldehyde on human and rat corpus cavernosum.

Clock-Bmal1 mediates MMP9 induction in acrolein-promoted atherosclerosis associated with gut microbiota regulation.

Cinnamaldehyde Ameliorates High-Glucose-Induced Oxidative Stress and Cardiomyocyte Injury Through Transient Receptor Potential Ankyrin 1.

[Cinnamaldehyde attenuates lipopolysaccharide induced inflammation and apoptosis in human umbilical vein endothelial cells].

Mendelian randomization of inorganic arsenic metabolism as a risk factor for hypertension- and diabetes-related traits among adults in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL) cohort.

The inhibition of hypoxia-induced angiogenesis and metastasis by cinnamaldehyde is mediated by decreasing HIF-1 α protein synthesis via PI3K/Akt pathway.

Topical Application of Cinnamaldehyde Promotes Faster Healing of Skin Wounds Infected with *Pseudomonas aeruginosa*.

Selective mitochondrial superoxide generation in vivo is cardioprotective through hormesis.

Acid-responsive nanoparticles as a novel oxidative stress-inducing anticancer therapeutic agent for colon cancer.

Combined treatment with Cinnamaldehyde and β -TCP had an additive effect on bone formation and angiogenesis in critical size calvarial defect in ovariectomized rats.

Mitochondrial superoxide generation induces a parkinsonian phenotype in zebrafish and huntingtin aggregation in human cells.

Short-term developmental toxicity and potential mechanisms of the herbicide metamifop to zebrafish (*Danio rerio*) embryos.

Unsaturated Aldehyde Acrolein Promotes Retinal Glial Cell Migration.

Dietary determinants of inorganic arsenic exposure in the Strong Heart Family Study.

Forkhead box O3 protects the heart against paraquat-induced aging-associated phenotypes by upregulating the expression of antioxidant enzymes.

Effects of flavoring compounds used in electronic cigarette refill liquids on endothelial and vascular function.

Metabolism and disposition of arsenic species from controlled dosing with dimethylarsinic acid (DMA(V)) in adult female CD-1 mice. V. Toxicokinetic studies following oral and intravenous administration.

Cinnamaldehyde protects from methylglyoxal-induced vascular damage: Effect on nitric oxide and advanced glycation end products.

Possible involvement of transcriptional activation of nuclear factor erythroid 2-related factor 2 (Nrf2) in the protective effect of caffeic acid on paraquat-induced oxidative damage in *Drosophila melanogaster*.

Carnosine protects cardiac myocytes against lipid peroxidation products.

Serum Proteomic Profiling Analysis of Rats Chronically Exposed to Arsenic.

Serum P-Cresyl Sulfate Is a Predictor of Central Arterial Stiffness in Patients on Maintenance Hemodialysis.

[Brain abscess revealing trilogry of Fallot in a child: about a case at the University Teaching Hospital of Parakou, Benin].

Hypertension in Relation to Dioxins and Polychlorinated Biphenyls from the Anniston Community Health Survey Follow-Up.

Aryl hydrocarbon receptor pathway: Role, regulation and intervention in atherosclerosis therapy (Review).

The gut microbiota and its relationship with chronic kidney disease.

An intra-amniotic injection of mesenchymal stem cells promotes lung maturity in a rat congenital diaphragmatic hernia model.

Indoxyl sulfate associates with cardiovascular phenotype in children with chronic kidney disease.

2,3,7,8-Tetrachlorodibenzo-p-dioxin Induces Vascular Dysfunction That is Dependent on Perivascular Adipose and Cytochrome P4501A1 Expression.

Star-PAP controlled alternative polyadenylation coupled poly(A) tail length regulates protein expression in hypertrophic heart.

In utero dioxin exposure and cardiometabolic risk in the Seveso Second Generation Study.

NLRX1 Regulation Following Acute Mitochondrial Injury.

Unambiguous Characterization of p-Cresyl Sulfate, a Protein-Bound Uremic Toxin, as Biomarker of Heart and Kidney Disease.

[Clinical observation on the inflammatory indexes in septic gastrointestinal dysfunction treated with acupuncture at Jiaji (EX-B 2)].

Epidemic of Chronic Kidney Disease of Nontraditional Etiology in El Salvador: Integrated Health Sector Action and South-South Cooperation.

Impaired intestinal barrier function in a mouse model of hyperuricemia.

Evaluation of neuroprotective activity of digoxin and semisynthetic derivatives against partial chemical ischemia.

Mass spectrometry-based urinary metabolomics for the investigation on the mechanism of action of *Eleutherococcus senticosus* (Rupr. & Maxim.) Maxim. leaves against ischemic stroke in rats.

Development and validation of a UHPLC-MS/MS method for measurement of a gut-derived uremic toxin panel in human serum: An application in patients with kidney disease.

Novel polymerase spiral reaction assay for the visible molecular detection of porcine circovirus type 3.

2,3,7,8-Tetrachlorodibenzo-p-dioxin promotes injury-induced vascular neointima formation in mice.

Multi-Compartment Profiling of Bacterial and Host Metabolites Identifies Intestinal Dysbiosis and Its Functional Consequences in the Critically Ill Child.

The uremic toxin p-cresol promotes the invasion and migration on carcinoma cells via Ras and mTOR signaling.

Effects of dietary fat on gut microbiota and faecal metabolites, and their relationship with cardiometabolic risk factors: a 6-month randomised controlled-feeding trial.

A Bifunctional Adsorber Particle for the Removal of Hydrophobic Uremic Toxins from Whole Blood of Renal Failure Patients.

ahr2, But Not ahr1a or ahr1b, Is Required for Craniofacial and Fin Development and TCDD-dependent Cardiotoxicity in Zebrafish.

Cardioprotective properties of opioid receptor agonists in rats with stress-induced cardiac injury.

Role of dantrolene in dinitrophenol (DNP) overdose: A continuing question?

Chronic Interstitial Nephritis in Agricultural Communities (CINAC) in Sri Lanka.

Inorganic arsenic exposure induces sex-disparate effects and exacerbates ischemia-reperfusion injury in the female heart.

Pulmonary hypertension secondary to congenital diaphragmatic hernia: factors and pathways involved in pulmonary vascular remodeling.

Prenatal microRNA miR-200b Therapy Improves Nitrofen-induced Pulmonary Hypoplasia Associated With Congenital Diaphragmatic Hernia.

Intracellular Fe(2+) accumulation in endothelial cells and pericytes induces blood-brain barrier dysfunction in secondary brain injury after brain hemorrhage.

p38 mitogen activated protein kinase mediates cardiac Na(+)/H(+) exchanger inhibition induced by Sildenafil.

Measuring serum total and free indoxyl sulfate and p-cresyl sulfate in chronic kidney disease using UPLC-MS/MS.

MIF inhibition enhances pulmonary angiogenesis and lung development in congenital diaphragmatic hernia.

Effect of continuous venovenous haemodialysis on outcome and pharmacokinetics of arsenic species in a patient with acute promyelocytic leukaemia and acute kidney injury.

Non-targeted metabolomic biomarkers and metabolotypes of type 2 diabetes: A cross-sectional study of PREDIMED trial participants.

Crizotinib-induced erosive esophagitis in a pediatric patient with neuroblastoma.

PCB 126 induces monocyte/macrophage polarization and inflammation through AhR and NF- κ B pathways.

Removal of Protein-Bound Uremic Toxins during Hemodialysis Using a Binding Competitor.

Cardiovascular Effects of PCB 126 (3,3',4,4',5-Pentachlorobiphenyl) in Zebrafish Embryos and Impact of Co-Exposure to Redox Modulating Chemicals.

A novel target for the promotion of dermal wound healing: Ryanodine receptors.

Urinary 2,5-dichlorophenol and 2,4-dichlorophenol concentrations and prevalent disease among adults in the National Health and Nutrition Examination Survey (NHANES).

The aquaporin-4 inhibitor AER-271 blocks acute cerebral edema and improves early outcome in a pediatric model of asphyxial cardiac arrest.

Identification of Metabolites Associated with Onset of CAD in Diabetic Patients Using CE-MS Analysis: A Pilot Study.

Aryl hydrocarbon receptor pathway participates in myocardial ischemia reperfusion injury by regulating mitochondrial apoptosis.

KML001, an arsenic compound, as salvage chemotherapy in refractory biliary tract cancers: A prospective study.

Sodium arsenite exposure impairs B cell proliferation and enhances vascular inflammation in Plasmodium berghei mouse model.

Expression of Nitric Oxide Synthase Interacting Protein (NOSIP) is Decreased in the Pulmonary Vasculature of Nitrofen-Induced Congenital Diaphragmatic Hernia.

Stabilization of cell-cell junctions by active vitamin D ameliorates uraemia-induced loss of human endothelial barrier function.

Mechanisms of Developmental Toxicity of Dioxins and Related Compounds.

Differences in Dialysis Efficacy Have Limited Effects on Protein-Bound Uremic Toxins Plasma Levels over Time.

Cardiotoxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure through lactation in mice.

Iron Deficiency in Heart Failure: An Overview.

Exposure to environmental concentrations of hexachlorobenzene induces alterations associated with endometriosis progression in a rat model.

Circulating miR-421 Targeting Leucocytic Angiotensin Converting Enzyme 2 Is Elevated in Patients with Chronic Kidney Disease.

Effects of Simvastatin on Fetal Cardiac Impairment in the Diaphragmatic Experimental Hernia Model.

Moderate Renal Impairment and Toxic Metabolites Produced by the Intestinal Microbiome: Dietary Implications.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Disrupts Control of Cell Proliferation and Apoptosis in a Human Model of Adult Liver Progenitors.

Lipoic acid antagonizes paraquat-induced vascular endothelial dysfunction by suppressing mitochondrial reactive oxidative stress.

Activation of cannabinoid receptor type 2 reduces lung ischemia reperfusion injury through PI3K/Akt pathway.

Metabolism and disposition of arsenic species from controlled dosing with sodium arsenite in adult and neonatal rhesus monkeys. VI. Toxicokinetic studies following oral administration.

Acetaldehyde Induces an Endothelium-Dependent Relaxation of Superior Mesenteric Artery: Potential Role in Postprandial Hyperemia.

Neuroprotective effects of anthocyanins and its major component cyanidin-3-O-glucoside (C3G) in the central nervous system: An outlined review.

Pyrazinamide may possess cardioprotective properties.

Severe ARDS Complicating an Acute Intentional Cresol Poisoning.

Comparison of Urinary Biomarkers of Exposure in Humans Using Electronic Cigarettes, Combustible Cigarettes, and Smokeless Tobacco.

Effects of Pinacidil and Calcium on Succinate-Energized Rat Heart Mitochondria in the Presence of Rotenone.

Pollutants released from the pulp paper industry: Aquatic toxicity and their health hazards.

Flavin Oxidase-Induced ROS Generation Modulates PKC Biphasic Effect of Resveratrol on Endothelial Cell Survival.

Mitochondria and Nuclei Dual-Targeted Hollow Carbon Nanospheres for Cancer Chemophotodynamic Synergistic Therapy.

Effects of curcumin on artery blood gas index of rats with pulmonary fibrosis caused by paraquat poisoning and the expression of Smad 4, Smurf 2, interleukin-4 and interferon- γ .

Evaluation of the developmental toxicity of 2,7-dibromocarbazole to zebrafish based on transcriptomics assay.

Photoelectrochemical aptamer-based sensing of the vascular endothelial growth factor by adjusting the light harvesting efficiency of g-C(3)N(4) via porous carbon spheres.

TRPA1 channel contributes to myocardial ischemia-reperfusion injury.

The Main Metabolites of Fluorouracil + Adriamycin + Cyclophosphamide (FAC) Are Not Major Contributors to FAC Toxicity in H9c2 Cardiac Differentiated Cells.

Excessive Reactive Iron Impairs Hematopoiesis by Affecting Both Immature Hematopoietic Cells and Stromal Cells.

Protective effects of resveratrol on biomarkers of oxidative stress, biochemical and histopathological changes induced by sub-chronic oral glyphosate-based herbicide in rats.

Assessment of genetic stability in somatic embryo derived plantlets of *Pterocarpus marsupium* Roxb. using inter-simple sequence repeat analysis.

Ioxynil and diethylstilbestrol disrupt vascular and heart development in zebrafish.

Radiosynthesis and in vivo evaluation of (11)C-labeled BMS-193885 and its desmethyl analog as PET tracers for neuropeptide Y1 receptors.

Dioxin and AHR impairs mesoderm gene expression and cardiac differentiation in human embryonic stem cells.

Study of the Potential Endocrine-Disrupting Effects of Phenylurea Compounds on Neurohypophysis Cells In Vitro.

The Effect of Daily Iron Supplementation with 60 mg Ferrous Sulfate for 12 Weeks on Non-Transferrin Bound Iron Concentrations in Women with a High Prevalence of Hemoglobinopathies.

The effects of hesperidin on sodium arsenite-induced different organ toxicity in rats on metabolic enzymes as antidiabetic and anticholinergics potentials: A biochemical approach.

High accumulation of tilianin in in-vitro cultures of *Agastache mexicana* and its potential vasorelaxant action.

Molecular mechanism involved in cyclophosphamide-induced cardiotoxicity: Old drug with a new vision.

Environmental pollutant-mediated disruption of gut microbial metabolism of the prebiotic inulin.

Ameliorative effect of gallic acid on sodium arsenite-induced spleno-, cardio- and hemato-toxicity in rats.

Lung injury from inhaling butane hash oil mimics pneumonia.

Association of East Asian Variant Aldehyde Dehydrogenase 2 Genotype (ALDH2*2*) with Coronary Spasm and Acute Myocardial Infarction.

Atypical Gasdermin D and Mixed Lineage Kinase Domain-like Protein Leakage Aggravates Tetrachlorobenzoquinone-Induced Nod-like Receptor Protein 3 Inflammasome Activation.

[Exploration about the protection mechanism of 5-hydroxy-1-methylhydantoin on paraquat poisoning model].

Protective effects of SOD2 overexpression in human umbilical cord mesenchymal stem cells on lung injury induced by acute paraquat poisoning in rats.

Müller glial dysfunction during diabetic retinopathy in rats is reduced by the acrolein-scavenging drug, 2-hydrazino-4,6-dimethylpyrimidine.

[The experimental study of diquat on the half-lethal dose and pathological injury of related organs in Wistar rats].

Effects of whey protein and conjugated linoleic acid on acrolein-induced cardiac oxidative stress, mitochondrial dysfunction and dyslipidemia in rats.

Increased plasma prothrombin time is associated with poor prognosis in patients with paraquat poisoning.

Paraquat poisoning in Western French Guyana: a public health problem persisting ten years after its withdrawal from the French market.

Protein kinase C-dependent cell damage by unsaturated carbonyl compounds in vascular cells.

Atrazine promotes immunomodulation by melanomacrophage centre alterations in spleen and vascular disorders in gills from *Oreochromis niloticus*.

Atrazine-xenobiotic nuclear receptor interactions induce cardiac inflammation and endoplasmic reticulum stress in quail (*Coturnix coturnix coturnix*).

Diabetes, Cardiovascular Disorders and 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Body Burden in Czech Patients 50 Years After the Intoxication.

Reduced oxygen tension culturing conditionally alters toxicogenic response of differentiated H9c2 cardiomyoblasts to acrolein.

Arterial lactate in predicting mortality after paraquat poisoning: A meta-analysis.

Toxic effects of cyhalofop-butyl on embryos of the Yellow River carp (*Cyprinus carpio* var.): alters embryo hatching, development failure, mortality of embryos, and apoptosis.

A survival case of intravenous paraquat intoxication: A case report.

Protective role of thymoquinone against paraquat-induced hepatotoxicity in mice.

TRPA1 mediates the cardiac effects of acrolein through parasympathetic dominance but also sympathetic modulation in mice.

Atrazine affects craniofacial chondrogenesis and axial skeleton mineralization in zebrafish (*Danio rerio*).

2-Methyl-4-chlorophenoxyacetic acid (MCPA) and bromoxynil herbicide ingestion.

Acute and single repeated dose effects of low concentrations of chlorpyrifos, diuron, and their combination on chicken.

Is endotracheal intubation a non-beneficial treatment in patients with respiratory failure due to paraquat poisoning?

Acrolein Exposure in Hookah Smokers and Non-Smokers Exposed to Hookah Tobacco Secondhand Smoke: Implications for Regulating Hookah Tobacco Products.

Effects of surface charge and palladium on hepatic and kidney injury induced by polystyrene nanoparticles co-administered to mice with paraquat and cisplatin.

Effects of glyphosate on early life stages: comparison between *Cyprinus carpio* and *Danio rerio*.

Induction of chronic migraine phenotypes in a rat model after environmental irritant exposure.

Prognostic comparison of goal-oriented hemoperfusion and routine hemoperfusion combined with continuous venovenous hemofiltration for paraquat poisoning.

Protective Effects of Olive Leaf Extract on Acrolein-Exacerbated Myocardial Infarction via an Endoplasmic Reticulum Stress Pathway.

Evidence the U.S. autism epidemic initiated by acetaminophen (Tylenol) is aggravated by oral antibiotic amoxicillin/clavulanate (Augmentin) and now exponentially by herbicide glyphosate (Roundup).

Neurological and Neurophysiological Findings in Workers with Chronic 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Intoxication 50 Years After Exposure.

Preference of Aerosolized Pirfenidone to Oral Intake: An Experimental Model of Pulmonary Fibrosis by Paraquat.

Cardiovascular Effects and Fatality May Differ According to the Formulation of Glyphosate Salt Herbicide.

[The impact of electronic cigarettes usage on the endothelial function and the progression of atherosclerosis].

[Clinical analysis of lower limb thrombosis caused by paraquat poisoning].

Glyphosate ingestion causing multiple organ failure: a near-fatal case report.

Treatment Outcome of Combined Continuous Venovenous Hemofiltration and Hemoperfusion in Acute Paraquat Poisoning: A Prospective Controlled Trial.

Protective Effects of a Rho Kinase Inhibitor on Paraquat-Induced Acute Lung Injuries in Rats.

Cinnamaldehyde exerts vasculoprotective effects in hypercholesterolemic rabbits.

Cinnamic aldehyde inhibits vascular smooth muscle cell proliferation and neointimal hyperplasia in Zucker Diabetic Fatty rats.

Aldehyde dehydrogenase 2 activation ameliorates cyclophosphamide-induced acute cardiotoxicity via detoxification of toxic aldehydes and suppression of cardiac cell death.

Necrostatin-1 Protects Against Paraquat-Induced Cardiac Contractile Dysfunction via RIP1-RIP3-MLKL-Dependent Necroptosis Pathway.

Protective Effects of Chymostatin on Paraquat-Induced Acute Lung Injury in Mice.

[The regulation of tight junction protein via PKC ζ for abnormal permeability of brain microvascular endothelial cells exposed to paraquat].

Acrolein induces NLRP3 inflammasome-mediated pyroptosis and suppresses migration via ROS-dependent autophagy in vascular endothelial cells.

Chronic adriamycin treatment impairs CGRP-mediated functions of meningeal sensory nerves.

Taurine Inhibits TRPV-Dependent Activity to Overcome Oxidative Stress in *Caenorhabditis elegans*.

Is the tier-1 effect assessment for herbicides protective for aquatic algae and vascular plant communities?

Dantrolene is not the answer to 2,4-dinitrophenol poisoning: more heated debate.

Could resistant starch supplementation improve inflammatory and oxidative stress biomarkers and uremic toxins levels in hemodialysis patients? A pilot randomized controlled trial.

Association between Protein-Bound Uremic Toxins and Asymptomatic Cardiac Dysfunction in Patients with Chronic Kidney Disease.

Intra-amniotic Sildenafil Treatment Modulates Vascular Smooth Muscle Cell Phenotype in the Nitrofen Model of Congenital Diaphragmatic Hernia.

Associations of cumulative exposure to heavy metal mixtures with obesity and its comorbidities among U.S. adults in NHANES 2003-2014.

Dinitrophenol (DNP) Fatality Associated with a Falsely Elevated Salicylate Level: a Case Report with Verification of Laboratory Cross Reactivity.

Prenatal treatment with rosiglitazone attenuates vascular remodeling and pulmonary monocyte influx in experimental congenital diaphragmatic hernia.

Contributing factors to iron deficiency anemia in women in Jordan: A single-center cross-sectional study.

Research on mechanism of PCS in damaging vascular endothelial cells and promoting formation of atherosclerosis via TLR4/TREM-1.

Dioxin-like PCB 126 increases intestinal inflammation and disrupts gut microbiota and metabolic homeostasis.

Contribution of uraemic toxins to the vascular fibrosis associated with chronic kidney disease.

Upregulated EFNB2 and EPHB4 promotes lung development in a nitrofen-induced congenital diaphragmatic hernia rat model.

Cohort study of workers at a New Zealand agrochemical plant to assess the effect of dioxin exposure on mortality.

Uremia Impacts VE-Cadherin and ZO-1 Expression in Human Endothelial Cell-to-Cell Junctions.

Sperm epigenome as a marker of environmental exposure and lifestyle, at the origin of diseases inheritance.

Transport of ACE Inhibitory Peptides Ile-Gln-Pro and Val-Glu-Pro Derived from *Spirulina platensis* Across Caco-2 Monolayers.

The Impact of Uremic Toxicity Induced Inflammatory Response on the Cardiovascular Burden in Chronic Kidney Disease.

Impacts of Indoxyl Sulfate and p-Cresol Sulfate on Chronic Kidney Disease and Mitigating Effects of AST-120.

Protective effect of simvastatin on arterial plaque instability induced by p-cresyl sulfate.

Diagnostic meaning of blood p-cresol concentration in forensic autopsy cases.

Lung function and pulmonary artery blood flow following prenatal maternal retinoic acid and imatinib in the nitrofen model of congenital diaphragmatic hernia.

Maternal Resveratrol Therapy Protects Male Rat Offspring against Programmed Hypertension Induced by TCDD and Dexamethasone Exposures: Is It Relevant to Aryl Hydrocarbon Receptor?

Pesticides and cardiotoxicity. Where do we stand?

[Clinical features and prognosis analysis of the elderly and youth patients with acute severe poisoning].

Selective synthesis of 7-O-substituted luteolin derivatives and their melanogenesis and proliferation inhibitory activity in B16 melanoma cells.

Treatment of rat congenital diaphragmatic hernia with sildenafil and NS-304, selexipag's active compound, at the pseudoglandular stage improves lung vasculature.

The Association of Arsenic Exposure and Arsenic Metabolism With the Metabolic Syndrome and Its Individual Components: Prospective Evidence From the Strong Heart Family Study.

Protective Effect of Ellagic Acid Against Sodium Arsenite-Induced Cardio- and Hematotoxicity in Rats.

Loop diuretic down-titration in stable chronic heart failure is often achievable, especially when urinary chloride concentration is low.

ALDH2 Protects Against Ischemic Stroke in Rats by Facilitating 4-HNE Clearance and AQP4 Down-Regulation.

Associations between persistent organic pollutants and metabolic syndrome in morbidly obese individuals.

Arsenic induces cardiac rhythm dysfunction and acylcarnitines metabolism perturbation in rats.

Uremic Toxin Clearance and Cardiovascular Toxicities.

Persistent Organochlorine Pollutants in Plasma, Blood Pressure, and Hypertension in a Longitudinal Study.

Plasma p-cresol lowering effect of sevelamer in non-dialysis CKD patients: evidence from a randomized controlled trial.

[The establishment of the immortalized mouse brain microvascular pericytes model and its preliminary application in screening of cerebrovascular toxicants].

Deficiency of aldose reductase exacerbates early pressure overload-induced cardiac dysfunction and autophagy in mice.

Relationship between serum trimethylamine N-oxide and exposure to dioxin-like pollutants.

Dioxin-like PCB 126 Increases Systemic Inflammation and Accelerates Atherosclerosis in Lean LDL Receptor-Deficient Mice.

What can we do to optimize stem and progenitor cell therapy for heart failure?

Contributory Role of Gut Microbiota and Their Metabolites Toward Cardiovascular Complications in Chronic Kidney Disease.

Environmental pollutant hexachlorobenzene induces hypertension in a rat model.

Anti-oxidants correct disturbance of redox enzymes in the hearts of rat fetuses with congenital diaphragmatic hernia.

Mechanisms of 2,3,7,8-tetrachlorodibenzo-p-dioxin- induced cardiovascular toxicity: An overview.

[Effects of prenatal tetrandrine treatment on the expression of Kruppel-like factor 5 and Survivin in the lung of congenital diaphragmatic hernia rat model induced by nitrofen].

Vascular Hyperpermeability Response in Animals Systemically Exposed to Arsenic.

Association of urinary concentrations of four chlorophenol pesticides with cardiometabolic risk factors and obesity in children and adolescents.

Increased CaSR and TRPC6 pulmonary vascular expression in the nitrofen-induced model of congenital diaphragmatic hernia.

Downregulated Elastin Microfibril Interfacer 1 Expression in the Pulmonary Vasculature of Experimental Congenital Diaphragmatic Hernia.

Decreased Rac1 Cardiac Expression in Nitrofen-Induced Diaphragmatic Hernia.

The aryl hydrocarbon receptor regulates the expression of TIPARP and its cis long non-coding RNA, TIPARP-AS1.

Untargeted metabolomics approach (UPLC-Q-TOF-MS) explores the biomarkers of serum and urine in overweight/obese young men.

Novel insight into circular RNA HECTD1 in astrocyte activation via autophagy by targeting MIR142-TIPARP: implications for cerebral ischemic stroke.

[About a cresol intoxication].

Thymoquinone is protective against 2,3,7,8-tetrachlorodibenzo-p-dioxin induced hepatotoxicity.

STATs in Lung Development: Distinct Early and Late Expression, Growth Modulation and Signaling Dysregulation in Congenital Diaphragmatic Hernia.

Perturbations in Endothelial Dysfunction-Associated Pathways in the Nitrofen-Induced Congenital Diaphragmatic Hernia Model.

Arsenic Exposure in Relation to Ischemic Stroke: The Reasons for Geographic and Racial Differences in Stroke Study.

Role of endogenous hydrogen sulfide in cardiac mitochondrial preservation during ischemia reperfusion injury.

Association of blood polychlorinated biphenyls and cholesterol levels among Canadian Inuit.

Genome-wide mapping and analysis of aryl hydrocarbon receptor (AHR)- and aryl hydrocarbon receptor repressor (AHRR)-binding sites in human breast cancer cells.

Slow Ca(2+) Efflux by Ca(2+)/H(+) Exchange in Cardiac Mitochondria Is Modulated by Ca(2+) Re-uptake via MCU, Extra-Mitochondrial pH, and H(+) Pumping by F(O)F(1)-ATPase.

Effects of Polychlorinated Pesticides and Their Metabolites on Phospholipid Organization in Model Microbial Membranes.

Perivascular adipose tissue protects against the vascular dysfunction induced by acute ethanol intake: Role of hydrogen peroxide.

Pesticide-Poisoned Patients: Can They Be Used as Potential Organ Donors?

Near infrared laser irradiation induces NETosis via oxidative stress and autophagy.

[Could Huatuo Jiaji (EX-B 2) Acupoint Be Assigned to the Governor Vessel ?].

2,6-Dihydroxybenzaldehyde Analogues of the Iron Chelator Salicylaldehyde Isonicotinoyl Hydrazone: Increased Hydrolytic Stability and Cytoprotective Activity against Oxidative Stress.

Determination of intestinal permeability using in situ perfusion model in rats: Challenges and advantages to BCS classification applied to digoxin.

Signaling Events Downstream of AHR Activation That Contribute to Toxic Responses: The Functional Role of an AHR-Dependent Long Noncoding RNA (slincR) Using the Zebrafish Model.

Fatty acids, polychlorinated dibenzo-p-dioxins and dibenzofurans, and dioxin-like polychlorinated biphenyls in paired muscle and skin from fish from the Bohai coast, China: Benefits and risks associated with fish consumption.

Cell Penetration, Herbicidal Activity, and in-vivo-Toxicity of Oligo-Arginine Derivatives and of Novel Guanidinium-Rich Compounds Derived from the Biopolymer Cyanophycin.

Sevoflurane inhibits cardiac function in pulmonary fibrosis mice through the TLR4 signaling pathway.

Effects of simvastatin on nuclear receptors, drug metabolizing enzymes and transporters expression in Human Umbilical Vein Endothelial Cells.

sox9b is required in cardiomyocytes for cardiac morphogenesis and function.

RXFP1 Receptor Activation by Relaxin-2 Induces Vascular Relaxation in Mice via a G β 12-Protein/PI3K γ /Nitric Oxide-Coupled Pathway.

Pseudomelanosis intestini "from pylorus to jejunum:" A rare endoscopic finding in a patient with GI bleeding.

Delayed death following paraquat poisoning: three case reports and a literature review.

Transcriptomic and methylomic analysis reveal the toxicological effect of 2,3,7,8-Tetrachlorodibenzodioxin on human embryonic stem cell.

Hapten-mediated recruitment of polyclonal antibodies to tumors engenders antitumor immunity.

Data on recurrent somatic embryogenesis and in vitro micropropagation of *Cnidium officinale* Makino.

Comparative toxicity of three phenolic compounds on the embryo of fathead minnow, *Pimephales promelas*.

Aryl Hydrocarbon Receptor Regulates Apoptosis and Inflammation in a Murine Model of Experimental Autoimmune Uveitis.

Modulation of the Oxidative Stress and Lipid Peroxidation by Endocannabinoids and Their Lipid Analogues.

Aldehydes are the predominant forces inducing DNA damage and inhibiting DNA repair in tobacco smoke carcinogenesis.

Long noncoding RNA MANTIS relieved the protein-bound uremic toxin-induced injury on human umbilical vein endothelial cells in chronic kidney disease and end-stage renal disease.

Cigarette smoke alters lung vascular permeability and endothelial barrier function (2017 Grover Conference Series).

Xanthohumol ameliorates 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cellular toxicity in cultured MC3T3-E1 osteoblastic cells.

The impact of short-chain fatty acids on GLP-1 and PYY secretion from the isolated perfused rat colon.

Pharmacologic modeling of primary mitochondrial respiratory chain dysfunction in zebrafish.

Effects of grazing different ergovaline concentrations on vasoactivity of bovine lateral saphenous vein.

Gain-of-function mutation of AtDICE1, encoding a putative endoplasmic reticulum-localized membrane protein, causes defects in anisotropic cell elongation by disturbing cell wall integrity in *Arabidopsis*.

Metabolomic assessment of arsenite toxicity and novel biomarker discovery in early development of zebrafish embryos.

Protein-bounded uremic toxin p-cresylsulfate induces vascular permeability alternations.

The Role of Uron and Chlorobenzene Derivatives, as Potential Endocrine Disrupting Compounds, in the Secretion of ACTH and PRL.

Protecting-Group-Free Site-Selective Reactions in a Metal-Organic Framework Reaction Vessel.

27-Deoxyactein prevents 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cellular damage in MC3T3-E1 osteoblastic cells.

Drosophila Voltage-Gated Calcium Channel $\alpha 1$ -Subunits Regulate Cardiac Function in the Aging Heart.

Association of Dioxin and Dioxin-like Congeners With Hypertension.

Electrochemical simulation of triclosan metabolism and toxicological evaluation.

Shielding effect of anethole against arsenic induced genotoxicity in cultured human peripheral blood lymphocytes and effect of GSTO1 polymorphism.

Reproductive success and contaminant associations in tree swallows (*Tachycineta bicolor*) used to assess a Beneficial Use Impairment in U.S. and Binational Great Lakes' Areas of Concern.

Improved safety margin for embryotoxicity in rats for the new endoperoxide artefenomel (OZ439) as compared to artesunate.

Environmental Toxin Screening Using Human-Derived 3D Bioengineered Liver and Cardiac Organoids.

Low Oxidative Stress-Mediated Proliferation Via JNK-FOXO3a-Catalase Signaling in Transplanted Adult Stem Cells Promotes Wound Tissue Regeneration.

Protocol to assess the impact of tobacco-induced volatile organic compounds on cardiovascular risk in a cross-sectional cohort: Cardiovascular Injury due to Tobacco Use study.

Ion-Pairing with Spermine Targets Theophylline To the Lungs via the Polyamine Transport System.

Genetic and Environmental Effects on Gene Expression Signatures of Blood Pressure: A Transcriptome-Wide Twin Study.

Environmentally friendly procedure based on VA-MSPD for the determination of booster biocides in fish tissue.

Association of textile industry effluent with mutagenicity and its toxic health implications upon acute and sub-chronic exposure.

The Initiation Factors eIF2, eIF2A, eIF2D, eIF4A, and eIF4G Are Not Involved in Translation Driven by Hepatitis C Virus IRES in Human Cells.

Ectopic expression of S28A-mutated Histone H3 modulates longevity, stress resistance and cardiac function in *Drosophila*.

[Effect of anthropo-technogenic load on medico-social aspects of primary morbidity and disability of population.].

Potential Prognostic, Diagnostic and Therapeutic Markers for In-stent Reocclusion in Advanced Age Patients After Coronary Stenting.

Combined toxicity of triclosan, 2,4-dichlorophenol and 2,4,6-trichlorophenol to zebrafish (*Danio rerio*).

Understanding the viscoelastic behavior of arterial elastin in glucose via relaxation time distribution spectrum.

Tissue metabolic changes for effects of pirfenidone in rats of acute paraquat poisoning by GC-MS.

Alda-1 Protects Against Acrolein-Induced Acute Lung Injury and Endothelial Barrier Dysfunction.

Mixture Toxicity of Bensulfuron-Methyl and Acetochlor to Red Swamp Crayfish (*Procambarus clarkii*): Behavioral, Morphological and Histological Effects.

Involvement of H₂O₂ in fluazifop-P-butyl-induced cell death in bristly starbur seedlings.

Phytoplankton growth and PSII efficiency sensitivity to a glyphosate-based herbicide (Factor 540®).

Effects of spray drift of glyphosate on nontarget terrestrial plants-A critical review.

A study on the modulation of alpha-synuclein fibrillation by *Scutellaria pinnatifida* extracts and its neuroprotective properties.

Simultaneous determination of bentazone and its metabolites in postmortem whole blood using liquid chromatography-tandem mass spectrometry.

Role of metabolites of cyclophosphamide in cardiotoxicity.

Respiratory Effects and Systemic Stress Response Following Acute Acrolein Inhalation in Rats.

Biomarkers of Chronic Acrolein Inhalation Exposure in Mice: Implications for Tobacco Product-Induced Toxicity.

In vivo cardiovascular toxicity induced by acetochlor in zebrafish larvae.

An approach to clarify the effect mechanism of glyphosate on body malformations during embryonic development of zebrafish (*Danio rerio*).

Diuron and diazinon alter the behavior of zebrafish embryos and larvae in the absence of acute toxicity.

[Experimental study scavenging effect of paraquat by hemoperfusion].

Acrolein Can Cause Cardiovascular Disease: A Review.

Inhibition of c-Src protects paraquat induced microvascular endothelial injury by modulating caveolin-1 phosphorylation and caveolae mediated transcellular permeability.

TRPA1 mediates changes in heart rate variability and cardiac mechanical function in mice exposed to acrolein.

Role of TRPA1 in acute cardiopulmonary toxicity of inhaled acrolein.

[The study of using salvianolate treat acute lung injury in rats induced by paraquat].

Continuous venovenous hemofiltration in the management of paraquat poisoning: A meta-analysis of randomized controlled trials.

Molecular mechanisms of anti-oxidant and anti-aging effects induced by convallatoxin in *Caenorhabditis elegans*.

Isolation and characterization of two glutathione S-transferases from freshwater bivalve *Anodonta woodiana*: Chronic effects of pentachlorophenol on gene expression profiles.

Fluazifop- p-butyl, an aryloxyphenoxypropionate herbicide, diminishes renal and hepatic functions and triggers testicular oxidative stress in orally exposed rats.

[The study of using cordyceps-astragalus-salvia miltiorrhiza to treat acute lung injury induced by paraquat poisoning in rats].

Acrolein Inhalation Alters Myocardial Synchrony and Performance at and Below Exposure Concentrations that Cause Ventilatory Responses.

Profiling analysis of long non-coding RNAs in early postnatal mouse hearts.

Ablation of Akt2 prevents paraquat-induced myocardial mitochondrial injury and contractile dysfunction: Role of Nrf2.

[Evaluation of adsorption effect of activated charcoal on oral paraquat poisoning: an experimental study on large animal].

Developmental toxicity of 2,4-dichlorophenoxyacetic acid in zebrafish embryos.

An intelligent prognostic system for analyzing patients with paraquat poisoning using arterial blood gas indexes.

Perinatal exposure to glyphosate-based herbicide alters the thyrotrophic axis and causes thyroid hormone homeostasis imbalance in male rats.

A miniaturized electrochemical toxicity biosensor based on graphene oxide quantum dots/carboxylated carbon nanotubes for assessment of priority pollutants.

Basagran(®) induces developmental malformations and changes the bacterial community of zebrafish embryos.

A glyphosate-based herbicide induces histomorphological and protein expression changes in the liver of the female guppy *Poecilia reticulata*.

Micronuclei and other nuclear abnormalities on *Caiman latirostris* (Broad-snouted caiman) hatchlings after embryonic exposure to different pesticide formulations.

Toll-like receptor 4 ablation rescues against paraquat-triggered myocardial dysfunction: Role of ER stress and apoptosis.

Protective action of Omega-3 on paraquat intoxication in *Drosophila melanogaster*.

Vasculitic Neuropathy Following Exposure to a Glyphosate-based Herbicide.

Comparing the acute sensitivity of growth and photosynthetic endpoints in three *Lemna* species exposed to four herbicides.

Association of Low-Moderate Arsenic Exposure and Arsenic Metabolism with Incident Diabetes and Insulin Resistance in the Strong Heart Family Study.

Soluble Vascular Adhesion Protein-1 Mediates Spermine Oxidation as Semicarbazide-Sensitive Amine Oxidase: Possible Role in Proliferative Diabetic Retinopathy.

A Nigro-Vagal Pathway Controls Gastric Motility and Is Affected in a Rat Model of Parkinsonism.

[Effects of curcumin on pulmonary fibrosis and functions of paraquat-challenged rats].

Acrolein Scavenger Hydralazine Prevents Streptozotocin-Induced Painful Diabetic Neuropathy and Spinal Neuroinflammation in Rats.

Combined Catalase and ADH Inhibition Ameliorates Ethanol-Induced Myocardial Dysfunction Despite Causing Oxidative Stress in Conscious Female Rats.

The relationships between arsenic methylation and both skin lesions and hypertension caused by chronic exposure to arsenic in drinking water.

A screen for protective drugs against delayed hypoxic injury.

[Cinnamaldehyde attenuates pressure overload-induced cardiac fibrosis via inhibition of endothelial mesenchymal transition].

Localization of Acrolein-Lysine Adduct in Fibrovascular Tissues of Proliferative Diabetic Retinopathy.

Plant regeneration through somatic embryogenesis and genome size analysis of *Coriandrum sativum* L.

[Protective effect of 5-aminosalicylic acid on the kidney of paraquat poisoning rats by Nrf2-ARE signal pathway].

Interaction of chiral herbicides with soil microorganisms, algae and vascular plants.

The Mitochondrial Lon Protease Is Required for Age-Specific and Sex-Specific Adaptation to Oxidative Stress.

2-Methoxycinnamaldehyde inhibits the TNF- α -induced proliferation and migration of human aortic smooth muscle cells.

p-cresol sulfate and indoxyl sulfate: some clouds are gathering in the uremic toxin sky.

Editor's Highlight: PCB126 Exposure Increases Risk for Peripheral Vascular Diseases in a Liver Injury Mouse Model.

Elucidation of protective efficacy of Pentahydroxy flavone isolated from *Madhuca indica* against arsenite-induced cardiomyopathy: Role of Nrf-2, PPAR- γ , c-fos and c-jun.

Results of the HEMO Study suggest that p-cresol sulfate and indoxyl sulfate are not associated with cardiovascular outcomes.

Changes in vasoactive pathways in congenital diaphragmatic hernia associated pulmonary hypertension explain unresponsiveness to pharmacotherapy.

Apoptosis signal-regulating kinase 1 inhibition attenuates cardiac hypertrophy and cardiorenal fibrosis induced by uremic toxins: Implications for cardiorenal syndrome.

Gastrointestinal: Cause or effect: A case of microcytic anemia.

Aryl Hydrocarbon Receptor Ablation in Cardiomyocytes Protects Male Mice From Heart Dysfunction Induced by NKX2.5 Haploinsufficiency.

Microbiome perturbation by oral vancomycin reduces plasma concentration of two gut-derived uremic solutes, indoxyl sulfate and p-cresyl sulfate, in end-stage renal disease.

Association Between Dioxin and Metabolic Syndrome by Age and Sex in an Endemic Area of Exposure in Taiwan.

Mixture effects of 30 environmental contaminants on incident metabolic syndrome-A prospective study.

Construction of environmental risk score beyond standard linear models using machine learning methods: application to metal mixtures, oxidative stress and cardiovascular disease in NHANES.

Anemia after continuous-flow left ventricular assist device implantation: characteristics and implications.

Effect of a Short-Course Treatment with Synbiotics on Plasma p-Cresol Concentration in Kidney Transplant Recipients.

A microfluidic platform for modeling metastatic cancer cell matrix invasion.

The anti-migraine component of butterbur extracts, isopetasin, desensitizes peptidergic nociceptors by acting on TRPA1 cation channel.

Changes in Serum Adiponectin in Mice Chronically Exposed to Inorganic Arsenic in Drinking Water.

Assessing the Impact of Lithium Chloride on the Expression of P-Glycoprotein at the Blood-Brain Barrier.

Metabolic inhibition reduces cardiac L-type Ca²⁺ channel current due to acidification caused by ATP hydrolysis.

Relationships between serum-induced AhR bioactivity or mitochondrial inhibition and circulating polychlorinated biphenyls (PCBs).

Estimated Maternal Pesticide Exposure from Drinking Water and Heart Defects in Offspring.

Near infra-red light attenuates corneal endothelial cell dysfunction in situ and in vitro.

Fetal Cardiac Impairment in Nitrofen-Induced Congenital Diaphragmatic Hernia: Postmortem Microcomputed Tomography Imaging Study.

Multidirectional inhibition of cortico-hippocampal neurodegeneration by kolaviron treatment in rats.

Key Role for the Organic Anion Transporters, OAT1 and OAT3, in the in vivo Handling of Uremic Toxins and Solutes.

Ergothioneine products derived by superoxide oxidation in endothelial cells exposed to high-glucose.

Sulphaemoglobinaemia caused by ferrous sulfate.

Evaluation of processed borax as antidote for aconite poisoning.

Down-regulation of N-deacetylase-N-sulfotransferase-1 signaling in the developing diaphragmatic vasculature of nitrofen-induced congenital diaphragmatic hernia.

Vascular endothelial growth factor-D modulates oxidant-antioxidant balance of human vascular endothelial cells.

TCF21 and the environmental sensor aryl-hydrocarbon receptor cooperate to activate a pro-inflammatory gene expression program in coronary artery smooth muscle cells.

Sodium azide suppresses LPS-induced expression MCP-1 through regulating $\text{I}\kappa\text{B}\alpha$ and STAT1 activities in macrophages.

Imazamethabenz inhibits human breast cancer cell proliferation, migration and invasion via combination with Pin1.

Elastase and matrix metalloproteinase activities are associated with pulmonary vascular disease in the nitrofen rat model of congenital diaphragmatic hernia.

Downregulation of KCNQ5 expression in the rat pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Suppressed erythropoietin expression in a nitrofen-induced congenital diaphragmatic hernia.

Ceftriaxone-Induced Hemolytic Anemia in a Jehovah's Witness.

Lipidomic Evaluation of Aryl Hydrocarbon Receptor-Mediated Hepatic Steatosis in Male and Female Mice Elicited by 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Prevalence and pattern of potential drug-drug interactions among chronic kidney disease patients in south-western Nigeria.

Antiproliferation effect of the uremic toxin para-cresol on endothelial progenitor cells is related to its antioxidant activity.

Tyrosine kinase inhibition is an important factor for gene expression of CRTH2 in human eosinophils and lymphocytes: A novel mechanism for explaining eosinophils recruitment by the neuro-immune axis in allergic rhinitis.

Low concentration of uncouplers of oxidative phosphorylation decreases the TNF-induced endothelial permeability and lethality in mice.

Protective effects of levamisole, acetylsalicylic acid, and α -tocopherol against dioxin toxicity measured as the expression of AhR and COX-2 in a chicken embryo model.

Hyperglycemia enhances arsenic-induced platelet and megakaryocyte activation.

Cilostazol inhibits uremic toxin-induced vascular smooth muscle cell dysfunction: role of Axl signaling.

Oral antiplatelet agents for the management of acute coronary syndromes: A review for nurses and allied healthcare professionals.

Decreased Endoglin expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia rat model.

Imbalance of NFATc2 and KV1.5 Expression in Rat Pulmonary Vasculature of Nitrofen-Induced Congenital Diaphragmatic Hernia.

Epidemiology of endometriosis and its comorbidities.

p-Cresyl Sulfate.

[Uremic toxins and gut micro biome].

Protein-bound uremic toxins - biological effects and impact on morbidity in patients with chronic kidney disease.

Effect of 2,4-Dinitrophenol preconditioning on the expression levels of mesenchymal markers in neonatal cardiac progenitors.

Targeted Modification of Mitochondrial ROS Production Converts High Glucose-Induced Cytotoxicity to Cytoprotection: Effects on Anesthetic Preconditioning.

Ion Imbalance Is Involved in the Mechanisms of Liver Oxidative Damage in Rats Exposed to Glyphosate.

A fatal case of acute bentazone overdose despite cricothyroidotomy during cardiopulmonary resuscitation.

Arsenite Induces Vascular Endothelial Cell Dysfunction by Activating IRE1 $\hat{\pm}$ /XBP1s/HIF1 $\hat{\pm}$ -Dependent ANGII Signaling.

Actein alleviates 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated cellular dysfunction in osteoblastic MC3T3-E1 cells.

2, 3, 7, 8-Tetrachlorodibenzo-p-dioxin promotes endothelial cell apoptosis through activation of EP3/p38MAPK/Bcl-2 pathway.

Hepatotoxicity and Drug/Chemical Interaction Toxicity of Nanoclay Particles in Mice.

Toxic effects of polybrominated diphenyl ethers (BDE 47 and 99) and localization of BDE-99-induced cyp1a mRNA in zebrafish larvae.

A microfluidic microinjector for toxicological and developmental studies in Drosophila embryos.

Role of catalytic iron and oxidative stress in nitrofen-induced congenital diaphragmatic hernia and its amelioration by Saireito (TJ-114).

Mdivi $\hat{\epsilon}$ '1 attenuates sodium azide $\hat{\epsilon}$ 'induced apoptosis in H9c2 cardiac muscle cells.

Sodium arsenite-induced cardiovascular and renal dysfunction in rat via oxidative stress and protein kinase B (Akt/PKB) signaling pathway.

Assessment of prescribed medications and pattern of distribution for potential drug-drug interactions among chronic kidney disease patients attending the Nephrology Clinic of Lagos University Teaching Hospital in Sub-Saharan West Africa.

Effect of soluble CD14 subtype on the prognosis evaluation of acute paraquat poisoning patients.

Novel Pathways of Ponatinib Disposition Catalyzed By CYP1A1 Involving Generation of Potentially Toxic Metabolites.

2,3',4,4',5-Pentachlorobiphenyl impairs insulin-induced NO production partly through excessive ROS production in endothelial cells.

Evaluation of a vital staining protocol with 2,3,5-triphenyltetrazolium chloride for cancellous bone in a sheep model.

Protein-bound uremic toxins impaired mitochondrial dynamics and functions.

[A case of myocardial damage caused by acetochlor poisoning].

Benzene exposure is associated with cardiovascular disease risk.

Protective efficacy of various carbonyl compounds and their metabolites, and nutrients against acute toxicity of some cyanogens in rats: biochemical and physiological studies.

Inhibition of ALDH2 expression aggravates renal injury in a rat sepsis syndrome model.

Evaluation of the cytotoxicity and intestinal absorption of a self-emulsifying drug delivery system containing sodium taurocholate.

Predictors of acute kidney injury after paraquat intoxication.

Identification of tissue-specific transcriptional markers of caloric restriction in the mouse and their use to evaluate caloric restriction mimetics.

PEDOT:PSS organic electrochemical transistor arrays for extracellular electrophysiological sensing of cardiac cells.

Paraquat poisoning: Case report of a survivor.

Predictive values of urine paraquat concentration, dose of poison, arterial blood lactate and APACHE II score in the prognosis of patients with acute paraquat poisoning.

Imperatorin is Transported through Blood-Brain Barrier by Carrier-Mediated Transporters.

Vasodilation effect of volatile oil from *Allium macrostemon* Bunge are mediated by PKA/NO pathway and its constituent dimethyl disulfide in isolated rat pulmonary arterials.

Mitochondrial activity and oxidative stress functions are influenced by the activation of AhR-induced CYP1A1 overexpression in cardiomyocytes.

Ameliorative effect of vitamin E and selenium against oxidative stress induced by sodium azide in liver, kidney, testis and heart of male mice.

Glucose-sensitive self-healing hydrogel as sacrificial materials to fabricate vascularized constructs.

Roselle Polyphenols Exert Potent Negative Inotropic Effects via Modulation of Intracellular Calcium Regulatory Channels in Isolated Rat Heart.

Immunolocation of Heme Oxygenases in the Walls of Cerebral Arteries of Various Diameters in Rats.

Histopathological changes in zebrafish embryos exposed to DLPCBs extract from Zhanjiang coastal sediment.

Evaluation of vascular effect of arsenic using in vivo assays.

Aryl hydrocarbon receptor upregulates IL-1 β expression in hCMEC/D3 human cerebral microvascular endothelial cells after TCDD exposure.

Expression of advanced glycation end-products and NF κ B in chick embryos exposed to dioxins and treated with acetylsalicylic acid and α -tocopherol.

Role of transient receptor potential ankyrin 1 receptors in rodent models of meningeal nociception - Experiments in *vitro*.

Diet-induced obesity alters dural CGRP release and potentiates TRPA1-mediated trigeminovascular responses.

Protein-bound P-cresol inhibits human umbilical vein endothelial cell proliferation by inducing cell cycle arrest at G(0)/G(1).

Subchronic Arsenic Exposure Through Drinking Water Alters Lipid Profile and Electrolyte Status in Rats.

Environmentally Persistent Free Radicals Cause Apoptosis in HL-1 Cardiomyocytes.

Anacardium microcarpum extract and fractions protect against paraquat-induced toxicity in *Drosophila melanogaster*.

De novo transcriptome assembly analysis of weed *Apera spica-venti* from seven tissues and growth stages.

Mumps caused by paraquat-induced poisoning: A case report.

Preventing False Negatives for Histochemical Detection of Phenolics and Lignins in PEG-Embedded Plant Tissues.

The Anti-Inflammatory and Vasodilating Effects of Three Selected Dietary Organic Sulfur Compounds from *Allium* Species.

Beta-Glucans Supplementation Associates with Reduction in P-Cresyl Sulfate Levels and Improved Endothelial Vascular Reactivity in Healthy Individuals.

Environmental Toxin Acrolein Alters Levels of Endogenous Lipids, Including TRP Agonists: A Potential Mechanism for Headache Driven by TRPA1 Activation.

Eryptosis - the Neglected Cause of Anemia in End Stage Renal Disease.

Effects of Chronic Exposure to Sodium Arsenite on Expressions of VEGF and VEGFR2 Proteins in the Epididymis of Rats.

Comparison of the Effects of Iron Oxide, as a New Form of Iron Supplement, and Ferrous Sulfate on the Blood Levels of Iron and Total Iron-Binding Globulin in the Rabbit.

The adjuvant use of calcium fructoborate and borax with etanercept in patients with rheumatoid arthritis: Pilot study.

±-Lipoic acid potentially targets AMP-activated protein kinase and energy production in the fetal brain to ameliorate dioxin-produced attenuation in fetal steroidogenesis.

Secondary metabolites of endophytic Xylaria species with potential applications in medicine and agriculture.

[Dose-effect relationship between vitamin C and paraquat poisoning rats].

A novel mechanism underlies atrazine toxicity in quails (*Coturnix Coturnix coturnix*): triggering ionic disorder via disruption of ATPases.

Embryonic atrazine exposure alters zebrafish and human miRNAs associated with angiogenesis, cancer, and neurodevelopment.

Paraquat intoxication and associated pathological findings in three dogs in South Africa.

Herbicide Exposure, Vietnam Service, and Hypertension Risk in Army Chemical Corps Veterans.

Antioxidative response in variegated *Pelargonium zonale* leaves and generation of extracellular H₂O₂ in (peri)vascular tissue induced by sunlight and paraquat.

Triazine herbicides inhibit relaxin signaling and disrupt nitric oxide homeostasis.

Glyphosate induces cardiovascular toxicity in *Danio rerio*.

Investigations on the possible impact of a glyphosate-containing herbicide on ruminal metabolism and bacteria *in vitro* by means of the 'Rumen Simulation Technique'.

Toll-like receptor 4 knockout alleviates paraquat-induced cardiomyocyte contractile dysfunction through an autophagy-dependent mechanism.

Dig1 protects against locomotor and biochemical dysfunctions provoked by Roundup.

[Clinical effect of compound monoammonium glycyrrhizinate combined with dandelion in treatment of acute paraquat poisoning].

The metabolite 3,4,3',4'-tetrachloroazobenzene (TCAB) exerts a higher ecotoxicity than the parent compounds 3,4-dichloroaniline (3,4-DCA) and propanil.

Acute and short-term developmental toxicity of cyhalofop-butyl to zebrafish (*Danio rerio*).

The chemopreventive potential of lycopene against atrazine-induced cardiotoxicity: modulation of ionic homeostasis.

Intravenous lipid emulsion in treatment of cardiocirculatory disturbances caused by glyphosate-surfactant herbicide poisoning.

Atrazine and its main metabolites alter the locomotor activity of larval zebrafish (*Danio rerio*).

Unfractionated bone marrow cells attenuate paraquat-induced glomerular injury and acute renal failure by modulating the inflammatory response.

Mechanism of Developmental Effects in Rats Caused by an N-Phenylimide Herbicide: Transient Fetal Anemia and Sequelae during Mid-to-Late Gestation.

Radix puerariae extracts ameliorate paraquat-induced pulmonary fibrosis by attenuating follistatin-like 1 and nuclear factor erythroid 2p45-related factor-2 signalling pathways through downregulation of miRNA-21 expression.

[The protective effect of bone marrow mesenchymal stem cells carrying antioxidant gene superoxide dismutase on paraquat lung injury in mice].

Effects of high doses of dexamethasone on hemodynamic and immunohistochemical characteristics of acute paraquat intoxication in rat kidneys.

A multicenter retrospective survey of poisoning after ingestion of herbicides containing glyphosate potassium salt or other glyphosate salts in Japan.

Successful Extracorporeal Life Support in a Case of Severe Glyphosate-Surfactant Intoxication.

Effects of Neonicotinoids on Promoter-Specific Expression and Activity of Aromatase (CYP19) in Human Adrenocortical Carcinoma (H295R) and Primary Umbilical Vein Endothelial (HUVEC) Cells.

Cinnamaldehyde ameliorates LPS-induced cardiac dysfunction via TLR4-NOX4 pathway: The regulation of autophagy and ROS production.

Uremic toxins: some thoughts on acrolein and spermine.

Role of phytochemicals in the management of metabolic syndrome.

TRPV1 dysfunction in cystinosis patients harboring the homozygous 57â€%kb deletion.

A neoflavonoid dalsissoal isolated from heartwood of *Dalbergia sissoo* Roxb. has bone forming effects in mice model for osteoporosis.

Exploring the Transition of Human α -Synuclein from Native to the Fibrillar State: Insights into the Pathogenesis of Parkinson's Disease.

Derivatization Strategy for the Comprehensive Characterization of Endogenous Fatty Aldehydes Using HPLC-Multiple Reaction Monitoring.

Cardiac-Specific Knockout of ETA Receptor Mitigates Paraquat-Induced Cardiac Contractile Dysfunction.

Cinnamaldehyde and allopurinol reduce fructose-induced cardiac inflammation and fibrosis by attenuating CD36-mediated TLR4/6-IRAK4/1 signaling to suppress NLRP3 inflammasome activation.

Cinnamaldehyde is an effective anti-inflammatory agent for treatment of allergic rhinitis in a rat model.

Somatic embryogenesis and direct as well as indirect organogenesis in *Lilium pumilum* DC. Fisch., an endangered ornamental and medicinal plant.

[Effect of heme oxygenase-1 transduced by cell penetrating peptide PEP-1 on renal injury in rats with acute paraquat poisoning].

TRPA1 activation leads to neurogenic vasodilatation: involvement of reactive oxygen nitrogen species in addition to CGRP and NO.

Engineering Enriched Microenvironments with Gradients of Platelet Lysate in Hydrogel Fibers.

Differential effects of superoxide and hydrogen peroxide on myogenic signaling, membrane potential, and contractions of mouse renal afferent arterioles.

Impaired ergosterol biosynthesis mediated fungicidal activity of Co(II) complex with ligand derived from cinnamaldehyde.

Effects of TRP channel agonist ingestion on metabolism and autonomic nervous system in a randomized clinical trial of healthy subjects.

Candesartan ameliorates arsenic-induced hypertensive vascular remodeling by regularizing angiotensin II and TGF-beta signaling in rats.

Hypothalamic L-Histidine Decarboxylase Is Up-Regulated During Chronic REM Sleep Deprivation of Rats.

Practice guideline summary: Treatment of restless legs syndrome in adults: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology.

Mortality risk among workers with exposure to dioxins.

Protein-bound toxins: has the Cinderella of uraemic toxins turned into a princess?

Downregulation of Forkhead box F1 gene expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Collagen analysis of the ascending aortic dilatation associated with bicuspid aortic valve disease compared with tricuspid aortic valve.

Association of GSTT1 and GSTM1 gene polymorphisms with coronary artery disease in North Indian Punjabi population: a case-control study.

The cardioprotective effect of melatonin and exendin-4 treatment in a rat model of cardiorenal syndrome.

LC-MS/MS method for simultaneous determination of serum p-cresyl sulfate and indoxyl sulfate in patients undergoing peritoneal dialysis.

Metabolomics approach reveals metabolic disorders and potential biomarkers associated with the developmental toxicity of tetrabromobisphenol A and tetrachlorobisphenol A.

Carbamylated Low-Density Lipoproteins Induce a Prothrombotic State Via LOX-1: Impact on Arterial Thrombus Formation In Vivo.

Modern Strategy for Identification of Congenital Heart Defects in the Neonatal Period.

Atorvastatin attenuates p-cresyl sulfate-induced atherogenesis and plaque instability in ApoE knockout mice.

Preconditioning of mesenchymal stem cells with 2,4-dinitrophenol improves cardiac function in infarcted rats.

Clinically relevant timing of antenatal sildenafil treatment reduces pulmonary vascular remodeling in congenital diaphragmatic hernia.

Arsenic and subclinical vascular damage in a sample of Italian young adults: a cross-sectional analysis.

Plant lignan secoisolariciresinol suppresses pericardial edema caused by dioxin-like compounds in developing zebrafish: Implications for suppression of morphological abnormalities.

Improved pulmonary function in the nitrofen model of congenital diaphragmatic hernia following prenatal maternal dexamethasone and/or sildenafil.

Embryonic cardiotoxicity of weak aryl hydrocarbon receptor agonists and CYP1A inhibitor fluoranthene in the Atlantic killifish (*Fundulus heteroclitus*).

Halogenated carbazoles induce cardiotoxicity in developing zebrafish (*Danio rerio*) embryos.

p-Cresyl sulfate promotes the formation of atherosclerotic lesions and induces plaque instability by targeting vascular smooth muscle cells.

Antenatal Saireito (TJ-114) Can Improve Pulmonary Hypoplasia and Pulmonary Vascular Remodeling in Nitrofen-Induced Congenital Diaphragmatic Hernia.

Death within 44 days of 2,4-dinitrophenol intake.

Enhanced Pulmonary Vascular and Alveolar Development via Prenatal Administration of a Slow-Release Synthetic Prostacyclin Agonist in Rat Fetal Lung Hypoplasia.

Tyrosine Phosphorylation of Focal Adhesion Anchoring Proteins Enhances Human Pancreatic Cancer Cell Invasion.

Protective effect of prostacyclin against pre-cardiac edema caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin and a thromboxane receptor agonist in developing zebrafish.

Metabolism, Protein Binding, and Renal Clearance of Microbiota-Derived p-Cresol in Patients with CKD.

METABOLIC DYSBIOSIS OF THE GUT MICROBIOTA AND ITS BIOMARKERS.

Dioxin-like pollutants increase hepatic flavin containing monooxygenase (FMO3) expression to promote synthesis of the pro-atherogenic nutrient biomarker trimethylamine N-oxide from dietary precursors.

Body burden of persistent organic pollutants on hypertension: a meta-analysis.

Decreased expression of miR-33 in fetal lungs of nitrofen-induced congenital diaphragmatic hernia rat model.

Increased p-cresyl sulfate level is independently associated with poor outcomes in patients with heart failure.

Tracheal occlusion and ventilation changes the nitric oxide pathway in congenital diaphragmatic hernia model.

Inflammation, glucose, and vascular cell damage: the role of the pentose phosphate pathway.

Associations among chronic kidney disease, high total p-cresylsulfate and left ventricular systolic dysfunction.

Combined antenatal therapy with retinoic acid and tracheal occlusion in a rat model of congenital diaphragmatic hernia.

Definite hereditary hemorrhagic telangiectasia in a 60-year-old black Kenyan woman: a case report.

Increased c-kit and stem cell factor expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Ah receptor expression in cardiomyocytes protects adult female mice from heart dysfunction induced by TCDD exposure.

Repurposing an orally available drug for the treatment of geographic atrophy.

Effective Valsalva maneuvering during TCCD and unrevealed etiology of RLS.

Gut microbiome in chronic kidney disease.

Association between Blood Dioxin Level and Chronic Kidney Disease in an Endemic Area of Exposure.

Untargeted plasma and tissue metabolomics in rats with chronic kidney disease given AST-120.

[Incidence and risk factors associated with nosocomial infection in pediatric heart surgery].

Aminomethylphosphonic acid inhibits growth and metastasis of human prostate cancer in an orthotopic xenograft mouse model.

Indoxyl sulfate, not p-cresyl sulfate, is associated with cognitive impairment in early-stage chronic kidney disease.

[Not Available].

Synbiotics Easing Renal Failure by Improving Gut Microbiology (SYNERGY): A Randomized Trial.

Upregulation of S1P1 and Rac1 receptors in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

The Role of Activin Receptor-Like Kinase 1 Signaling in the Pulmonary Vasculature of Experimental Diaphragmatic Hernia.

Possible role of increased oxidative stress in pulmonary hypertension in experimental diaphragmatic hernia.

p-Cresyl sulfate is associated with carotid arteriosclerosis in hemodialysis patients and promotes atherogenesis in apoE^{-/-} mice.

Developmental toxicity, EROD, and CYP1A mRNA expression in zebrafish embryos exposed to dioxin-like PCB126.

Cottonseed Oil in Diets for Broilers in the Pre-Starter and Starter Phases.

A procoagulant chemically sulfated mannan.

Activation of ALDH2 with Low Concentration of Ethanol Attenuates Myocardial Ischemia/Reperfusion Injury in Diabetes Rat Model.

Aromatic Hydrocarbon Receptor Suppresses Prostate Cancer Bone Metastasis Cells-Induced Vasculogenesis of Endothelial Progenitor Cells under Hypoxia.

Mass Spectrometric Approaches to the Identification of Potential Ingredients in Cigarette Smoke Causing Cytotoxicity.

[Study on congenital cardiac anomalies induced by arsenic exposure before and during maternal pregnancy in fetal rats].

Antipyretic and antimalarial activities of *Solenostemon monostachyus*.

Oxidative stress-related liver dysfunction by sodium arsenite: Alleviation by *Pistacia lentiscus* oil.

Concentrations and spatial patterns of organic contaminants in tree swallow (*Tachycineta bicolor*) eggs at United States and binational Great Lakes Areas of Concern, 2010-2015.

Differences in the clinical manifestations and short-term prognosis of acute cerebral infarction after exposure to Agent Orange.

Dietary Omega-3 Polyunsaturated Fatty Acids Prevent Vascular Dysfunction and Attenuate Cytochrome P4501A1 Expression by 2,3,7,8-Tetrachlorodibenzo-P-Dioxin.

Tumor necrosis factor receptor-associated protein 1 improves hypoxia-impaired energy production in cardiomyocytes through increasing activity of cytochrome c oxidase subunit II.

Developmental Toxicant Exposure Is Associated with Transgenerational Adenomyosis in a Murine Model.

Arsenite suppresses angiogenesis of vascular endothelial cells mediated by Platelet Derived Growth Factor Receptor-beta.

Aryl hydrocarbon receptor-ligand axis mediates pulmonary fibroblast migration and differentiation through increased arachidonic acid metabolism.

Molecular Hydrogen Alleviates Cellular Senescence in Endothelial Cells.

Identification of aryl hydrocarbon receptor signaling pathways altered in TCDD-treated red seabream embryos by transcriptome analysis.

Toxicity of 3,5,6-trichloro-2-pyridinol tested at multiple stages of zebrafish (*Danio rerio*) development.

Influence of Thromboxane A2 on the Regulation of Adenosine Triphosphate-Sensitive Potassium Channels in Mouse Ventricular Myocytes.

Evaluation of the Sebia Capillarys 3 Tera and the Bio-Rad D-100 Systems for the Measurement of Hemoglobin A1c.

Conformation of ryanodine receptor-2 gates store-operated calcium entry in rat pulmonary arterial myocytes.

Somatic embryogenesis and plant regeneration of *Capsicum baccatum* L.

p-cresol but not p-cresyl sulfate stimulate MCP-1 production via NF- κ B p65 in human vascular smooth muscle cells.

Acute cardiopulmonary toxicity of inhaled aldehydes: role of TRPA1.

Exposure to butachlor causes thyroid endocrine disruption and promotion of metamorphosis in *Xenopus laevis*.

A Microfabricated Platform for Generating Physiologically-Relevant Hepatocyte Zonation.

[STRUCTURE OF THE SPLEEN AT CHRONIC INTOXICATION OF THE ORGANISM BY SODIUM TETRABORATE AND AFTER INTOXICATION].

Improvement of banana cv. Rasthali (Silk, AAB) against *Fusarium oxysporum* f.sp. *cubense* (VCG 0124/5) through induced mutagenesis: Determination of LD50 specific to mutagen, explants, toxins and in vitro and in vivo screening for *Fusarium* wilt resistance.

Synthesis and Preclinical Evaluation of ¹¹C-UCB-J as a PET Tracer for Imaging the Synaptic Vesicle Glycoprotein 2A in the Brain.

Effect of Acetyl-L-Carnitine on Antioxidant Status, Lipid Peroxidation, and Oxidative Damage of Arsenic in Rat.

Aortic smooth muscle cell alterations in mice systemically exposed to arsenic.

[COMPARATIVE STUDY OF Ca^{2+} EFFECT ON CALCIUM-DEPENDENT PROCESSES IN FROG CARDIAC MUSCLE AND IN MITOCHONDRIA OF RAT CARDIOMYOCYTES].

Extra virgin olive oil modulates brain docosahexaenoic acid level and oxidative damage caused by 2,4-Dichlorophenoxyacetic acid in rats.

Attenuation of hepatotoxicity and oxidative stress in diabetes STZ-induced type 1 by biotin in Swiss albino mice.

How does cigarette smoking cause acute pancreatitis?

Developmental toxicity, oxidative stress, and related gene expression induced by dioxin-like PCB 126 in zebrafish (*Danio rerio*).

Molecular cloning, structural and expression profiling of DIRan genes during somatic embryogenesis in *Dimocarpus longan* Lour.

SIRT3 Mediates the Antioxidant Effect of Hydrogen Sulfide in Endothelial Cells.

The Inhibitory Effect of Natural Products on Protein Fibrillation May Be Caused by Degradation Products-
-A Study Using Aloin and Insulin.

Ah Receptor Activation by Dioxin Disrupts Activin, BMP, and WNT Signals During the Early Differentiation of Mouse Embryonic Stem Cells and Inhibits Cardiomyocyte Functions.

Possible vasculoprotective role of linagliptin against sodium arsenite-induced vascular endothelial dysfunction.

Paraoxonase 1 activity in subchronic low-level inorganic arsenic exposure through drinking water.

Arsenite accumulation in the mouse eye.

Phenylephrine preconditioning in embryonic heart H9c2 cells is mediated by up-regulation of SUR2B/Kir6.2: A first evidence for functional role of SUR2B in sarcolemmal KATP channels and cardioprotection.

Methylation of inorganic arsenic by murine fetal tissue explants.

Differential effects of bevacizumab, ranibizumab and aflibercept on cell viability, phagocytosis and mitochondrial bioenergetics of retinal pigment epithelial cell.

[Analysis of risk factors for prognosis of patients with acute paraquat intoxication].

Sensitization of the trigeminovascular system following environmental irritant exposure.

Cigarette side-stream smoke lung and bladder carcinogenesis: inducing mutagenic acrolein-DNA adducts, inhibiting DNA repair and enhancing anchorage-independent-growth cell transformation.

Impairment of striatal mitochondrial function by acute paraquat poisoning.

Molecular characterization of heat-shock protein 90 gene and its expression in *Gobiocypris rarus* juveniles exposed to pentachlorophenol.

Cardiotoxic Electrophysiological Effects of the Herbicide Roundup(®) in Rat and Rabbit Ventricular Myocardium In Vitro.

Cyhalofop-butyl has the potential to induce developmental toxicity, oxidative stress and apoptosis in early life stage of zebrafish (*Danio rerio*).

Proteomic and histopathological response in the gills of *Poecilia reticulata* exposed to glyphosate-based herbicide.

[Clinical significance of serum amylase and lipase in patients with acute paraquat poisoning].

Glutathione S-transferase P protects against cyclophosphamide-induced cardiotoxicity in mice.

2-Methyl-4-chlorophenoxyacetic acid and bromoxynil herbicide death.

1,2-Unsaturated aldehyde pollutant acrolein suppresses cardiomyocyte contractile function: Role of TRPV1 and oxidative stress.

Traditional chinese medicine Xuebijing treatment is associated with decreased mortality risk of patients with moderate paraquat poisoning.

[The value of assessment of area of ground glass opacity in lungs cast by high-resolution computed tomography on the prognosis of patients with acute paraquat intoxication].

[Intensity of hemoperfusion in acute paraquat-poisoned patients and analysis of prognosis].

[Effect of rhubarb as the main composition of sequential treatment in patients with acute paraquat poisoning: a prospective clinical research].

Glyphosate-based herbicides potentially affect cardiovascular system in mammals: review of the literature.

The significance of serum uric acid level in humans with acute paraquat poisoning.

Effect of arsenic compounds on the in vitro differentiation of mouse embryonic stem cells into cardiomyocytes.

Protein adduct formation initiates acrolein-induced endothelial cell toxicity.

Superparamagnetic iron oxide nanoparticles exacerbate the risks of reactive oxygen species-mediated external stresses.

Effects of different tidal volume ventilation on paraquat-induced acute lung injury in piglets.

Molecular mechanisms of acrolein toxicity: relevance to human disease.

Early haemoperfusion with continuous venovenous haemofiltration improves survival of acute paraquat-poisoned patients.

[Observation on the best dose of methylprednisolone improving lung injury in swine with paraquat intoxication].

Acrolein inhalation alters arterial blood gases and triggers carotid body-mediated cardiovascular responses in hypertensive rats.

Acute and long-term ocular effects of acrolein vapor on the eyes and potential therapies.

EDC-2: The Endocrine Society's Second Scientific Statement on Endocrine-Disrupting Chemicals.

Acrolein contributes to TRPA1 up-regulation in peripheral and central sensory hypersensitivity following spinal cord injury.

Cinnamaldehyde attenuates pressure overload-induced cardiac hypertrophy.

Cinnamic aldehyde suppresses hypoxia-induced angiogenesis via inhibition of hypoxia-inducible factor-1 expression during tumor progression.

Cinnamaldehyde inhibits inflammation and brain damage in a mouse model of permanent cerebral ischaemia.

A human surrogate model of itch utilizing the TRPA1 agonist trans-cinnamaldehyde.

Superoxide enhances Ca²⁺ entry through L-type channels in the renal afferent arteriole.

Soluble Epoxide Hydrolase Deficiency or Inhibition Attenuates MPTP-Induced Parkinsonism.

The association of urine arsenic with prevalent and incident chronic kidney disease: evidence from the Strong Heart Study.

Role of aldehyde dehydrogenase in hypoxic vasodilator effects of nitrite in rats and humans.

Endogenous hydrogen peroxide in the hypothalamic paraventricular nucleus regulates neurohormonal excitation in high salt-induced hypertension.

Coniferyl aldehyde attenuates radiation enteropathy by inhibiting cell death and promoting endothelial cell function.

[Therapeutic effects of gastric lavage with fuller earth combined with Qingyill catharsis in treatment of oral paraquat poisoning in rabbits].

Leaf Age-Dependent Photoprotective and Antioxidative Response Mechanisms to Paraquat-Induced Oxidative Stress in *Arabidopsis thaliana*.

Measuring oxidative stress resistance of *Caenorhabditis elegans* in 96-well microtiter plates.

Proinflammatory effect of trivalent arsenical species in a co-culture of Caco-2 cells and peripheral blood mononuclear cells.

The influence of glyphosate on the microbiota and production of botulinum neurotoxin during ruminal fermentation.

Simultaneous determination of cinnamaldehyde and its metabolite in rat tissues by gas chromatography-mass spectrometry.

Metabolic fate of the (14)C-labeled herbicide clodinafop-propargyl in a sediment-water system.

Cinnamaldehyde prevents endothelial dysfunction induced by high glucose by activating Nrf2.

Unveiling the role of the pesticides paraquat and rotenone on α -synuclein fibrillation in vitro.

Para-cresyl sulfate acutely impairs vascular reactivity and induces vascular remodeling.

Disruption of Ah Receptor Signaling during Mouse Development Leads to Abnormal Cardiac Structure and Function in the Adult.

Green tea inhibited the elimination of nephro-cardiovascular toxins and deteriorated the renal function in rats with renal failure.

Design, Synthesis and in Vivo Evaluation of Novel Glycosylated Sulfonylureas as Antihyperglycemic Agents.

Aryl hydrocarbon receptor agonists upregulate VEGF secretion from bronchial epithelial cells.

Cutaneous drug toxicity from 2,4-dinitrophenol (DNP): Case report and histological description.

Molecular and phylogenetic characterization of the homoeologous EPSP Synthase genes of allohexaploid wheat, *Triticum aestivum* (L.).

Monitoring Changes in the Redox State of Myoglobin in Cardiomyocytes by Raman Spectroscopy Enables the Protective Effect of NO Donors to Be Evaluated.

A randomized trial of intravenous and oral iron in chronic kidney disease.

Maternal occupational pesticide exposure and risk of congenital heart defects in the National Birth Defects Prevention Study.

Continuous Reduction of Protein-Bound Uraemic Toxins with Improved Oxidative Stress by Using the Oral Charcoal Adsorbent AST-120 in Haemodialysis Patients.

Protective effects of melatonin against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cardiac injury in rats.

p-Cresol and Cardiovascular Risk in Kidney Transplant Recipients.

Increased pulmonary RhoA expression in the nitrofen-induced congenital diaphragmatic hernia rat model.

An unusual cause of fetomaternal distress at term: uterine vessel rupture in pregnancy.

Persistent reduced oxygen requirement following blood transfusion during recovery from hemorrhagic shock.

Malignant hyperthermia: a review.

Neuroendocrine factors regulate retinoic acid receptors in normal and hypoplastic lung development.

Prenatal Iron Supplementation Reduces Maternal Anemia, Iron Deficiency, and Iron Deficiency Anemia in a Randomized Clinical Trial in Rural China, but Iron Deficiency Remains Widespread in Mothers and Neonates.

Arsenic causes aortic dysfunction and systemic hypertension in rats: Augmentation of angiotensin II signaling.

Left ventricular global longitudinal strain is associated with cardiovascular risk factors and arterial stiffness in chronic kidney disease.

Effect of correction of anemia on echocardiographic and clinical parameters in patients with aortic stenosis involving a three-cuspid aortic valve and normal left ventricular ejection fraction.

Defective parasympathetic innervation is associated with airway branching abnormalities in experimental CDH.

Meta-Analysis of the Associations of p-Cresyl Sulfate (PCS) and Indoxyl Sulfate (IS) with Cardiovascular Events and All-Cause Mortality in Patients with Chronic Renal Failure.

Lower NPAS3 expression during the later stages of abnormal lung development in rat congenital diaphragmatic hernia.

Nitrite-mediated renal vasodilatation is increased during ischemic conditions via cGMP-independent signaling.

p-Cresyl sulfate aggravates cardiac dysfunction associated with chronic kidney disease by enhancing apoptosis of cardiomyocytes.

Arsenic-induced dyslipidemia in male albino rats: comparison between trivalent and pentavalent inorganic arsenic in drinking water.

The effect of environmental chemicals on the tumor microenvironment.

Therapeutic interventions using a combination of Telmisartan and omega 3-fatty acids in sodium arsenite-induced vascular endothelial dysfunction in rats: modulation through ATP-sensitive K⁺ channels and eNOS.

Increased expression of activated pSTAT3 and PIM-1 in the pulmonary vasculature of experimental congenital diaphragmatic hernia.

Zebrafish cardiotoxicity: the effects of CYP1A inhibition and AHR2 knockdown following exposure to weak aryl hydrocarbon receptor agonists.

Free Levels of Selected Organic Solutes and Cardiovascular Morbidity and Mortality in Hemodialysis Patients: Results from the Retained Organic Solutes and Clinical Outcomes (ROSCO) Investigators.

Low Concentrations of Uncouplers of Oxidative Phosphorylation Prevent Inflammatory Activation of Endothelial Cells by Tumor Necrosis Factor.

Increased pulmonary vascular expression of receptor for advanced glycation end products (RAGE) in experimental congenital diaphragmatic hernia.

Ventilation causes pulmonary vascular dilation and modulates the NOS and VEGF pathway on newborn rats with CDH.

Dioxin inhibition of swim bladder development in zebrafish: is it secondary to heart failure?

Mild hypoxia in vivo regulates cardioprotective SUR2A: A role for Akt and LDH.

Increasing frequency of severe clinical toxicity after use of 2,4-dinitrophenol in the UK: a report from the National Poisons Information Service.

3-(Benzo[d][1,3]dioxol-5-ylamino)-N-(4-fluorophenyl)thiophene-2-carboxamide overcomes cancer chemoresistance via inhibition of angiogenesis and P-glycoprotein efflux pump activity.

Prevention of pulmonary hypoplasia and pulmonary vascular remodeling by antenatal simvastatin treatment in nitrofen-induced congenital diaphragmatic hernia.

Chronic cardiovascular disease-associated gene network analysis in human umbilical vein endothelial cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced hypertension: the beneficial effects of melatonin.

A potential synergy between incomplete arsenic methylation capacity and demographic characteristics on the risk of hypertension: findings from a cross-sectional study in an arsenic-endemic area of inner Mongolia, China.

Inorganic Arsenic-induced cellular transformation is coupled with genome wide changes in chromatin structure, transcriptome and splicing patterns.

Internal exposure to organochlorine pollutants and cadmium and self-reported health status: a prospective study.

Effects of sodium arsenite on the some laboratory signs and therapeutic role of thymoquinone in the rats.

Cardiac toxicity by sublethal 2,3,7,8-tetrachlorodibenzo-p-dioxin correlates with its anti-proliferation effect on cardiomyocytes in zebrafish embryos.

Effect of uraemia on endothelial cell damage is mediated by the integrin linked kinase pathway.

A user-friendly and scalable process to prepare a ready-to-use inactivated vaccine: the example of heartwater in ruminants under tropical conditions.

Clinical and analytical problems of sodium azide poisonings as exemplified by a case of fatal suicidal poisoning.

Prenatal Exposure to Sodium Arsenite Alters Placental Glucose 1, 3, and 4 Transporters in Balb/c Mice.

Impact of Indoxyl Sulfate, a Uremic Toxin, on Non-Culprit Coronary Plaque Composition Assessed on Integrated Backscatter Intravascular Ultrasound.

KML001 enhances anticancer activity of gemcitabine against pancreatic cancer cells.

Serum free indoxyl sulfate associated with in-stent restenosis after coronary artery stentings.

Ferric carboxymaltose: a review of its use in iron deficiency.

Combining a PagP fusion protein system with nickel ion-catalyzed cleavage to produce intrinsically disordered proteins in *E. coli*.

Liquid chromatography with tandem mass spectrometry for the determination of flufenoxuron in blood using automatic solid phase extraction and its application to a fatal case of flufenoxuron poisoning.

Simultaneous determination of phenoxyethanol and its major metabolite, phenoxyacetic acid, in rat biological matrices by LC-MS/MS with polarity switching: Application to ADME studies.

The role of thioredoxin reductase and glutathione reductase in plumbagin-induced, reactive oxygen species-mediated apoptosis in cancer cell lines.

2,3,7,8-Tetrachlorodibenzo-p-dioxin differentially suppresses angiogenic responses in human placental vein and artery endothelial cells.

High accumulation of arsenic in the esophagus of mice after exposure to arsenite.

[Fatal course following poisoning with an illegal weight-reducing agent].

Somatic Embryogenesis and Plant Regeneration in *Sapindus mukorossi* Gaertn. from Leaf-Derived Callus Induced with 6-Benzylaminopurine.

Genetic Deficiency of Glutathione S-Transferase P Increases Myocardial Sensitivity to Ischemia-Reperfusion Injury.

Genistein suppresses smooth muscle cell-derived foam cell formation through tyrosine kinase pathway.

Genotoxic effects of boric acid and borax in zebrafish, *Danio rerio* using alkaline comet assay.

Endothelial disruptive proinflammatory effects of nicotine and e-cigarette vapor exposures.

Butafenacil: A positive control for identifying anemia- and variegate porphyria-inducing chemicals.

Aryl hydrocarbon receptor regulates CYP1B1 but not ABCB1 and ABCG2 in hCMEC/D3 human cerebral microvascular endothelial cells after TCDD exposure.

Protective effect of telmisartan treatment against arsenic-induced testicular toxicity in rats.

A rapid in vivo zebrafish model to elucidate oxidative stress-mediated PCB126-induced apoptosis and developmental toxicity.

Pharmacokinetic and Genomic Effects of Arsenite in Drinking Water on Mouse Lung in a 30-Day Exposure.

Mechanisms of Fatal Cardiotoxicity following High-Dose Cyclophosphamide Therapy and a Method for Its Prevention.

Glucose stimulates neurotensin secretion from the rat small intestine by mechanisms involving SGLT1 and GLUT2, leading to cell depolarization and calcium influx.

Closure of mitochondrial potassium channels favors opening of the Tl(+)-induced permeability transition pore in Ca(2+)-loaded rat liver mitochondria.

Contribution of impaired myofibril and ryanodine receptor function to prolonged low-frequency force depression after in situ stimulation in rat skeletal muscle.

Contribution of environmental toxins in the pathogenesis of idiopathic cardiomyopathies.

Acute toxicity of arsenic and oxidative stress responses in the embryonic development of the common South American toad *Rhinella arenarum*.

Î±-Naphthoflavone Increases Lipid Accumulation in Mature Adipocytes and Enhances Adipocyte-Stimulated Endothelial Tube Formation.

Triphenyl phosphate-induced developmental toxicity in zebrafish: potential role of the retinoic acid receptor.

2-Acetylcyclopentanone, an enolate-forming 1,3-dicarbonyl compound, is cytoprotective in warm ischemia-reperfusion injury of rat liver.

Antioxidant compounds in the seaweed *Gelidiella acerosa* protects human Peripheral Blood Mononuclear Cells against TCDD induced toxicity.

Development and characterization of an endothelial cell line from the bulbus arteriosus of walleye, *Sander vitreus*.

Hypoxia interferes with aryl hydrocarbon receptor pathway in hCMEC/D3 human cerebral microvascular endothelial cells.

Dinitrophenol modulates gene expression levels of angiogenic, cell survival and cardiomyogenic factors in bone marrow derived mesenchymal stem cells.

The Role of the Metabolism of Anticancer Drugs in Their Induced-Cardiotoxicity.

The effects of B0, B20, and B100 soy biodiesel exhaust on aconitine-induced cardiac arrhythmia in spontaneously hypertensive rats.

Glu504Lys Single Nucleotide Polymorphism of Aldehyde Dehydrogenase 2 Gene and the Risk of Human Diseases.

Cyclic Adenosine Monophosphate-Mediated Enhancement of Vascular Endothelial Growth Factor Released by Differentiated Human Monocytic Cells: The Role of Protein Kinase A.

Preliminary Study on Biosynthesis of Bacterial Nanocellulose Tubes in a Novel Double-Silicone-Tube Bioreactor for Potential Vascular Prosthesis.

Modulation of aryl hydrocarbon receptor regulated genes by acute administration of trimethylarsine oxide in the lung, kidney and heart of C57BL/6 mice.

Plant growth hormones suppress the development of *Harpophora maydis*, the cause of late wilt in maize.

Human fetal ventricular cardiomyocyte, RL-14 cell line, is a promising model to study drug metabolizing enzymes and their associated arachidonic acid metabolites.

Protective effect of Xuebijing injection on paraquat-induced pulmonary injury via down-regulating the expression of p38 MAPK in rats.

Continuous renal replacement therapy circuit failure after antidote administration.

AMP-activated protein kinase deficiency rescues paraquat-induced cardiac contractile dysfunction through an autophagy-dependent mechanism.

Exchange transfusion can be life-saving in severe propanil poisoning: a case report.

QTc prolongation as a useful prognostic factor in acute paraquat poisoning.

Effect of glyphosate-based herbicide on early life stages of Java medaka (*Oryzias javanicus*): a potential tropical test fish.

FTY720 attenuates paraquat-induced lung injury in mice.

Modulatory effects of curcumin on redox status, mitochondrial function, and caspase-3 expression during atrazin-induced toxicity.

Acrolein decreases endothelial cell migration and insulin sensitivity through induction of let-7a.

[Reproduction of acute lung injury model induced by paraquat in piglet].

[An analysis of relevant factors of early death in acute paraquat poisoning].

[Relationship between endothelial damage and p120-catenin in paraquat intoxication and the protective effect of mangiferin].

The impact of Agent Orange on characteristics of coronary artery lesion and repeat revascularization.

National toxicovigilance for pesticide exposures resulting in health care contact - An example from the UK's National Poisons Information Service.

Agent Orange and heart disease: is there a connection?

Effect of superoxide dismutase-entrapped liposomes and protein transduction domain-superoxide dismutase on human umbilical vein endothelial cells.

Heart rate-corrected QT interval predicts mortality in glyphosate-surfactant herbicide-poisoned patients.

A single exposure to acrolein desensitizes baroreflex responsiveness and increases cardiac arrhythmias in normotensive and hypertensive rats.

Use of a glyphosate-based herbicide-induced nephrotoxicity model to investigate a panel of kidney injury biomarkers.

[Protective effect and mechanisms of pituitrin on acute paraquat-induced lung injury in rats].

CB2 receptor activation ameliorates the proinflammatory activity in acute lung injury induced by paraquat.

[Oxidative stress and antioxidant therapy with alpha-lipoic acid inclusion in acute poisoning by herbicide based on 2,4-dichlorophenoxyacetic acid].

Hemodialysis clearance of glyphosate following a life-threatening ingestion of glyphosate-surfactant herbicide.

Clinical characteristics of patients after dicamba herbicide ingestion.

'Knowing is not enough; we must apply. Willing is not enough; we must do.'

Catalase inhibition in diabetic rats potentiates DNA damage and apoptotic cell death setting the stage for cardiomyopathy.

Acrolein exposure is associated with increased cardiovascular disease risk.

Imbalance of caveolin-1 and eNOS expression in the pulmonary vasculature of experimental diaphragmatic hernia.

Research on tumorigenicity of cinnamaldehyde in melanoma cell lines and its mechanism.

Cytotoxicity of PVPAC-treated bovine pericardium: a potential replacement for glutaraldehyde in biological heart valves.

Effect of lung fibrosis on glycogen content in different extrapulmonary tissues.

TRPA1: a transducer and amplifier of pain and inflammation.

Cinnamaldehyde inhibits L-type calcium channels in mouse ventricular cardiomyocytes and vascular smooth muscle cells.

Somatosensory and vasomotor manifestations of individual and combined stimulation of TRPM8 and TRPA1 using topical L-menthol and trans-cinnamaldehyde in healthy volunteers.

ATP-binding cassette transporter Abcg2 lineage contributes to the cardiac vasculature after oxidative stress.

Cinnamaldehyde and cinnamaldehyde-containing micelles induce relaxation of isolated porcine coronary arteries: role of nitric oxide and calcium.

p-Cresol affects reactive oxygen species generation, cell cycle arrest, cytotoxicity and inflammation/atherosclerosis-related modulators production in endothelial cells and mononuclear cells.

Increased pulmonary vascular expression of KrÄppel-like factor 5 and activated survivin in experimental congenital diaphragmatic hernia.

Endocrine disruptive compounds and cardio-metabolic risk factors in children.

Global metabolomic profiling of acute myocarditis caused by Trypanosoma cruzi infection.

Antenatal use of bosentan and/or sildenafil attenuates pulmonary features in rats with congenital diaphragmatic hernia.

Atorvastatin ameliorates arsenic-induced hypertension and enhancement of vascular redox signaling in rats.

Uremic toxicity and sclerostin in chronic kidney disease patients.

Serum total p-cresylsulfate level is associated with abnormal QTc interval in stable angina patients with early stage of renal failure.

[Rheumatology: Progress in Diagnosis and Treatments. Topics: III. Rheumatoid Arthritis and Allied Conditions; 2. Allied Conditions. 2) Polymyalgia rheumatica].

The novel regulations of MEF2A, CAMKK2, CALM3, and TNNI3 in ventricular hypertrophy induced by arsenic exposure in rats.

Nitric oxide as a target for the hypotensive and vasorelaxing effects induced by (Z)-ethyl 12-nitrooxy-octadec-9-enoate in rats.

Human organic anion transporters function as a high-capacity transporter for p-cresyl sulfate, a uremic toxin.

Therapeutic potential of mesenchymal stem cell transplantation in a nitrofen-induced congenital diaphragmatic hernia rat model.

Arsenic induced myocardial toxicity in rats: alleviative effect of *Trichosanthes dioica* fruit.

Cardiac myocyte-specific AHR activation phenocopies TCDD-induced toxicity in zebrafish.

Mitochondrial reactive oxygen species production and respiratory complex activity in rats with pressure overload-induced heart failure.

Effect of short-term synbiotic treatment on plasma p-cresol levels in patients with chronic renal failure: a randomized clinical trial.

Persistent organic pollutants and inflammatory markers in a cross-sectional study of elderly Swedish people: the PIVUS cohort.

Uraemic toxins and cardiovascular disease across the chronic kidney disease spectrum: an observational study.

Involvement of COX2-thromboxane pathway in TCDD-induced precardiac edema in developing zebrafish.

The uremic toxicity of indoxyl sulfate and p-cresyl sulfate: a systematic review.

Uremic toxin p-cresol induces Akt-pathway-selective insulin resistance in bone marrow-derived mesenchymal stem cells.

TCDD-induced chick cardiotoxicity is abolished by a selective cyclooxygenase-2 (COX-2) inhibitor NS398.

Doppler parameters of fetal lung hypoplasia and impact of sildenafil.

Indoxyl sulfate and p-cresyl sulfate in chronic kidney disease. Could these toxins modulate the antioxidant Nrf2-Keap1 pathway?

Microvascular dysfunction with increased vascular leakage response in mice systemically exposed to arsenic.

High-content screening in zebrafish embryos identifies butafenacil as a potent inducer of anemia.

The importance of heart murmur in the neonatal period and justification of echocardiographic review.

Clinical and etiological heterogeneity in patients with tracheo-esophageal malformations and associated anomalies.

Zinc supplementation sustained normative neurodevelopment in a randomized, controlled trial of Peruvian infants aged 6-18 months.

Androgen receptor signaling in hepatocellular carcinoma and pancreatic cancers.

The association of uremic toxins and inflammation in hemodialysis patients.

The aryl hydrocarbon receptor ligand omeprazole inhibits breast cancer cell invasion and metastasis.

KML001 inhibits cell proliferation and invasion in pancreatic cancer cells through suppression of NF- κ B and VEGF-C.

Role of the autonomic nervous system and baroreflex in stress-evoked cardiovascular responses in rats.

Postnatal development of eupneic ventilation and metabolism in rats chronically exposed to moderate hyperoxia.

Obstetric and neonatal outcomes of maternal vitamin D supplementation: results of an open-label, randomized controlled trial of antenatal vitamin D supplementation in Pakistani women.

Increase in reports of toxicity from fat burning supplement seen in UK.

Cardiovascular disease relates to intestinal uptake of p-cresol in patients with chronic kidney disease.

A rapid, simple questionnaire to assess gastrointestinal symptoms after oral ferrous sulphate supplementation.

Upregulation of serotonin-receptor-2a and serotonin transporter expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

The metabolically healthy but obese phenotype is associated with lower plasma levels of persistent organic pollutants as compared to the metabolically abnormal obese phenotype.

Elevated protein carbonyl and HIF-1 α levels in eyes with proliferative diabetic retinopathy.

Mammalian microtubule P-body dynamics are mediated by nesprin-1.

Heritability and clinical determinants of serum indoxyl sulfate and p-cresyl sulfate, candidate biomarkers of the human microbiome enterotype.

Protein-bound uremic toxins, inflammation and oxidative stress: a cross-sectional study in stage 3-4 chronic kidney disease.

Interaction between arsenic exposure from drinking water and genetic susceptibility in carotid intima-media thickness in Bangladesh.

Evidence that p-cresol and IL-6 are adsorbed by the HFR cartridge: towards a new strategy to decrease systemic inflammation in dialyzed patients?

Augmented atherogenesis in ApoE-null mice co-exposed to polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Fruit and vegetable intake, as reflected by serum carotenoid concentrations, predicts reduced probability of polychlorinated biphenyl-associated risk for type 2 diabetes: National Health and Nutrition Examination Survey 2003-2004.

The gut microbiome, kidney disease, and targeted interventions.

Uremic toxin development in living kidney donors: a longitudinal study.

The aryl hydrocarbon receptor-activating effect of uremic toxins from tryptophan metabolism: a new concept to understand cardiovascular complications of chronic kidney disease.

Protein-bound molecules: a large family with a bad character.

Silibinin potentially attenuates arsenic-induced oxidative stress mediated cardiotoxicity and dyslipidemia in rats.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin modulates dysregulation of the lipid metabolism in mouse offspring fed a high-calorie diet.

Protein-bound uremic toxins: new culprits of cardiovascular events in chronic kidney disease patients.

Circulating levels of p,p'-DDE are related to prevalent hypertension in the elderly.

VEGF receptor expression decreases during lung development in congenital diaphragmatic hernia induced by nitrofen.

Decreased apelin and apelin-receptor expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Elevated blood pressure in offspring of rats exposed to diverse chemicals during pregnancy.

Accidental exposure to polychlorinated biphenyls (PCB) in waste cargo after heavy seas. Global waste transport as a source of PCB exposure.

ITE and TCDD differentially regulate the vascular remodeling of rat placenta via the activation of AhR.

What would you like to eat, Mr CKD Microbiota? A Mediterranean Diet, please!

Sildenafil stimulates and dexamethasone inhibits pulmonary vascular development in congenital diaphragmatic hernia rat lungs.

P-cresyl sulfate is a valuable predictor of clinical outcomes in pre-ESRD patients.

Effects of AST-120 on blood concentrations of protein-bound uremic toxins and biomarkers of cardiovascular risk in chronic dialysis patients.

Serum concentrations of p-cresyl sulfate and indoxyl sulfate, but not inflammatory markers, increase in incident peritoneal dialysis patients in parallel with loss of residual renal function.

Aldehyde dehydrogenase 2 partly mediates hypotensive effect of nitrite on L-NAME-induced hypertension in normoxic rat.

Relative examination of antioxidative enzymatic activities in plantlets of *Cardiospermum halicacabum* L. differentiated from hypocotyls in vivo and ex vitro environment.

Subchronic arsenic exposure through drinking water alters vascular redox homeostasis and affects physical health in rats.

Low level tumor necrosis factor-alpha protects cardiomyocytes against high level tumor necrosis factor-alpha: brief insight into a beneficial paradox.

Transcriptional responses and embryotoxic effects induced by pyrene and methylpyrene in Japanese medaka (*Oryzias latipes*) early life stages exposed to spiked sediments.

The transcriptional response to oxidative stress during vertebrate development: effects of tert-butylhydroquinone and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Somatic embryo mediated mass production of *Catharanthus roseus* in culture vessel (bioreactor) - A comparative study.

Acute paraquat poisoning with sinus bradycardia: A case report.

Influence of persistent organic pollutants on oxidative stress in population-based samples.

Comparative study of the effect of verapamil and vitamin D on iron overload-induced oxidative stress and cardiac structural changes in adult male rats.

The role lipid aldehydes and ALEs in the pathogenesis of diabetic retinopathy.

Differential susceptibility of human peripheral blood T cells to suppression by environmental levels of sodium arsenite and monomethylarsonous acid.

Atorvastatin restores arsenic-induced vascular dysfunction in rats: modulation of nitric oxide signaling and inflammatory mediators.

Urinary VEGF and PGE2 levels and the association with arsenical metabolites in copper-smelting workers.

^{11}C -ORM-13070, a novel PET ligand for brain α_1 -C-adrenoceptors: radiometabolism, plasma pharmacokinetics, whole-body distribution and radiation dosimetry in healthy men.

TCDD induces the hypoxia-inducible factor (HIF)-1 α regulatory pathway in human trophoblastic JAR cells.

NADPH oxidase and the cardiovascular toxicity associated with smoking.

Hydrogen peroxide-induced antioxidant activities and cardiotonic glycoside accumulation in callus cultures of endemic *Digitalis* species.

Developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in artificially fertilized crucian carp (*Carassius auratus*) embryo.

Comparison of osteoblast and cardiomyocyte differentiation in the embryonic stem cell test for predicting embryotoxicity in vivo.

Two-stage culture procedure using thidiazuron for efficient micropropagation of *Stevia rebaudiana*, an anti-diabetic medicinal herb.

Prediction of outcome following paraquat poisoning by arterial lactate concentration-time data.

Improved protocol for somatic embryogenesis and calcium alginate encapsulation in *Anethum graveolens* L.: a medicinal herb.

Histological and histometrical study of the protective role of α -tocopherol against sodium arsenite toxicity in rat ovaries.

Arsenic exposure alters expression of cell cycle and lipid metabolism genes in the liver of adult zebrafish (*Danio rerio*).

FGF21 as a Hepatokine, Adipokine, and Myokine in Metabolism and Diseases.

Histopathologic alterations associated with global gene expression due to chronic dietary TCDD exposure in juvenile zebrafish.

Microvascular circulation at cool, normal and warm temperatures in rat leg muscles examined by histochemistry using *Lycopersicon esculentum* lectin.

An aberrant leukotriene A4 hydrolase-proline-glycine-proline pathway in the pathogenesis of chronic obstructive pulmonary disease.

Development of an analytical strategy based on LC-MS/MS for the measurement of different classes of pesticides and their metabolites in meconium: application and characterisation of foetal exposure in France.

Embryonic exposure to sodium arsenite perturbs vascular development in zebrafish.

Increase in insulin-induced relaxation of consecutive arterial segments toward the periphery: Role of vascular oxidative state.

Children's exposure to secondhand and thirdhand smoke carcinogens and toxicants in homes of hookah smokers.

Effects of uremic toxin p-cresol on proliferation, apoptosis, differentiation, and glucose uptake in 3T3-L1 cells.

Neutrophil-derived microparticles induce myeloperoxidase-mediated damage of vascular endothelial cells.

Environmentally persistent free radicals inhibit cytochrome P450 activity in rat liver microsomes.

Guanosine regulates adenosine levels in the kidney.

Demographics, clinical characteristics and management of herbicide poisoning in tertiary care hospital.

Protective effect of quercetin on atrazine-induced oxidative stress in the liver, kidney, brain, and heart of adult wistar rats.

Protective effects of *Moringa oleifera* Lam. leaves against arsenic-induced toxicity in mice.

Glyphosate surfactant herbicide poisoning and management.

Conditioned medium enhances the fusion capability of rat bone marrow mesenchymal stem cells and cardiomyocytes.

Photodamage in a mitochondrial membrane model modulated by the topology of cationic and anionic meso-tetrakis porphyrin free bases.

Monomethylated trivalent arsenic species disrupt steroid receptor interactions with their DNA response elements at non-cytotoxic cellular concentrations.

Next-generation airbags and the possibility of negative outcomes due to thoracic injury.

Identification of a novel mitochondrial uncoupler that does not depolarize the plasma membrane.

Nucleoside 5'-phosphorothioate derivatives are highly effective neuroprotectants.

Modulation of gene-expression profiles associated with sodium arsenite-induced cardiotoxicity by p-coumaric acid, a common dietary polyphenol.

Multiple poisonings with sodium azide at a local restaurant.

Analysis of mobile source air toxics (MSATs)--near-road VOC and carbonyl concentrations.

Increases in levels of epoxyeicosatrienoic and dihydroxyeicosatrienoic acids (EETs and DHETs) in liver and heart in vivo by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and in hepatic EET:DHET ratios by cotreatment with TCDD and the soluble epoxide hydrolase inhibitor AUDA.

Effect of SP-A/B in lipoic acid on acute paraquat poisoning.

Korean Red Ginseng water extract inhibits COX-2 expression by suppressing p38 in acrolein-treated human endothelial cells.

[Cyanamide-ethanol reaction induced shock: report of a case and literature review].

Does drug-induced emphysema exist?

Absolute lymphocyte count as a predictor of mortality in emergency department patients with paraquat poisoning.

Using bosentan to treat paraquat poisoning-induced acute lung injury in rats.

Toll-like receptor 4 is involved in myocardial damage following paraquat poisoning in mice.

Modeling the potential effects of atrazine on aquatic communities in midwestern streams.

Paraquat poisoning induces TNF- α -dependent iNOS/NO mediated hyporesponsiveness of the aorta to vasoconstrictors in rats.

Agent Orange exposure and prevalence of self-reported diseases in Korean Vietnam veterans.

[Value of arterial lactic acid and buffer excess in predicting the prognosis of patients with paraquat poisoning].

Effect of intravenous lipid emulsion in patients with acute glyphosate intoxication.

Prognostic value of initial arterial lactate level and lactate metabolic clearance rate in patients with acute paraquat poisoning.

Mitochondrial susceptibility in a model of paraquat neurotoxicity.

Alteration of lipid status and lipid metabolism, induction of oxidative stress and lipid peroxidation by 2,4-dichlorophenoxyacetic herbicide in rat liver.

Hypoxia stress test reveals exaggerated cardiovascular effects in hypertensive rats after exposure to the air pollutant acrolein.

Determination of glyphosate and AMPA in blood and urine from humans: about 13 cases of acute intoxication.

Evaluation of developmental toxicity studies of glyphosate with attention to cardiovascular development.

Severe chlorate poisoning successfully treated with methylene blue.

Influence of diet with kale on lipid peroxides and malondialdehyde levels in blood serum of laboratory rats over intoxication with paraquat.

Developmental abnormalities in chicken embryos exposed to N-nitrosoatrazine.

Acrolein-induced inflammatory signaling in vascular smooth muscle cells requires activation of serum response factor (SRF) and NF- κ B.

Vitamin E ameliorates the decremental effect of paraquat on cardiomyocyte contractility in rats.

[Hypoxia-inducible factor-1 α expression in renal tissue of rats with paraquat poisoning].

Effects of atrazine and chlorpyrifos on the mRNA levels of HSP70 and HSC70 in the liver, brain, kidney and gill of common carp (*Cyprinus carpio* L.).

Acrolein stimulates the synthesis of IL-6 and C-reactive protein (CRP) in thrombosis model mice and cultured cells.

Antifibrotic effect of atorvastatin on paraquat-induced pulmonary fibrosis: role of PPAR γ receptors.

SLCO1B1 variants and urine arsenic metabolites in the Strong Heart Family Study.

Protective effects of cinnamic acid and cinnamic aldehyde on isoproterenol-induced acute myocardial ischemia in rats.

Role of aldose reductase in the metabolism and detoxification of carnosine-acrolein conjugates.

Bronchoconstriction induced by increasing airway temperature in ovalbumin-sensitized rats: role of tachykinins.

Arsenic exposure from drinking water, arsenic methylation capacity, and carotid intima-media thickness in Bangladesh.

Mitochondria-targeted antioxidant peptide SS31 protects the retinas of diabetic rats.

Aldehyde dehydrogenase-2 inhibition blocks remote preconditioning in experimental and human models.

Secondary and tertiary sulfonamides: a patent review (2008 - 2012).

The ultra-early protective effect of ulinastatin on rabbit acute lung injury induced by paraquat.

Cytotoxicity and phytotoxicity of trichothecene mycotoxins produced by *Fusarium* spp.

A cigarette component acrolein induces accelerated senescence in human diploid fibroblast IMR-90 cells.

Participation of nitric oxide pathway in the relaxation response induced by E-cinnamaldehyde oxime in superior mesenteric artery isolated from rats.

Effects of the administration of a catalase inhibitor into the fourth cerebral ventricle on cardiovascular responses in spontaneously hypertensive rats exposed to sidestream cigarette smoke.

Post-translational control of nitrate reductase activity responding to light and photosynthesis evolved already in the early vascular plants.

Hydroxylamine acutely activates glucose uptake in L929 fibroblast cells.

An improved method for somatic embryogenesis of *Schisandra chinensis* (Turcz.) Baillon.

Effects of cyanamide, an aldehyde dehydrogenase type 2 inhibitor, on glyceryl trinitrate- and isosorbide dinitrate-induced vasodilation in rabbit excised aorta and in anesthetized whole animal.

Arsenic augments the uptake of oxidized LDL by upregulating the expression of lectin-like oxidized LDL receptor in mouse aortic endothelial cells.

Impaired chemoreflex sensitivity during septic shock induced by cecal ligation and perforation.

Malabsorption anemia and iron supplement induced constipation in post-Roux-en-Y gastric bypass (RYGB) patients.

Tl(+) induces both cationic and transition pore permeability in the inner membrane of rat heart mitochondria.

Protein-bound uremic toxins stimulate crosstalk between leukocytes and vessel wall.

Mechanical ventilation causes pulmonary mitochondrial dysfunction and delayed alveolarization in neonatal mice.

New insights to the role of aryl hydrocarbon receptor in bone phenotype and in dioxin-induced modulation of bone microarchitecture and material properties.

Kidney hypoxia, attributable to increased oxygen consumption, induces nephropathy independently of hyperglycemia and oxidative stress.

Metabonomic study on the biochemical response of spontaneously hypertensive rats to chronic taurine supplementation using ¹H NMR spectroscopic urinalysis.

Association between blood levels of PCDDs/PCDFs/dioxin-like PCBs and history of allergic and other diseases in the Japanese population.

IRON-HF study: a randomized trial to assess the effects of iron in heart failure patients with anemia.

Gastrointestinal-related uremic toxins in peritoneal dialysis: a pilot study with a 5-year follow-up.

Indolic uremic solutes increase tissue factor production in endothelial cells by the aryl hydrocarbon receptor pathway.

Impairment of autophagy: from hereditary disorder to drug intoxication.

Associations between plasma persistent organic pollutant levels and blood pressure in Inuit adults from Nunavik.

Impaired cardiovascular function caused by different stressors elicits a common pathological and transcriptional response in zebrafish embryos.

Renal clearance and intestinal generation of p-cresyl sulfate and indoxyl sulfate in CKD.

Sox9b is required for epicardium formation and plays a role in TCDD-induced heart malformation in zebrafish.

Plasma p-cresol lowering effect of sevelamer in peritoneal dialysis patients: evidence from a Cross-Sectional Observational Study.

Addressing historic environmental exposures along the Alaska Highway.

Aromatic hydrocarbon receptor inhibits lysophosphatidic acid-induced vascular endothelial growth factor-A expression in PC-3 prostate cancer cells.

Downregulated bone morphogenetic protein signaling in nitrofen-induced congenital diaphragmatic hernia.

Disruption of the bone morphogenetic protein receptor 2 pathway in nitrofen-induced congenital diaphragmatic hernia.

Role of the Toll Like receptor (TLR) radical cycle in chronic inflammation: possible treatments targeting the TLR4 pathway.

Schistosomiasis chemotherapy.

Relationship between the autoantibody and expression of β ²-adrenoceptor in lung and heart.

Hyperuricemia after exposure to polychlorinated dibenzo-p-dioxins and dibenzofurans near a highly contaminated area.

A prospective study of arsenic exposure, arsenic methylation capacity, and risk of cardiovascular disease in Bangladesh.

Monoisoamyl 2,3-dimercaptosuccinic acid attenuates arsenic induced toxicity: behavioral and neurochemical approach.

Proteomic analysis of arsenic-exposed zebrafish (*Danio rerio*) identifies altered expression in proteins involved in fibrosis and lipid uptake in a gender-specific manner.

Use of near-infrared spectroscopy to identify trends in regional cerebral oxygen saturation in horses.

Retained organic solutes, patient characteristics and all-cause and cardiovascular mortality in hemodialysis: results from the retained organic solutes and clinical outcomes (ROSCO) investigators.

Does p-cresylglucuronide have the same impact on mortality as other protein-bound uremic toxins?

Arsenic upregulates the expression of angiotensin II Type I receptor in mouse aortic endothelial cells.

Aberrant pulmonary lymphatic development in the nitrofen mouse model of congenital diaphragmatic hernia.

Effects of iron polymaltose complex, ferrous fumarate and ferrous sulfate treatments in anemic pregnant rats, their fetuses and placentas.

Cell death pattern of a varicose vein organ culture model.

Severe anemia in 3 toddlers with gastric lactobezoar.

Circulating levels of persistent organic pollutants (POPs) are associated with left ventricular systolic and diastolic dysfunction in the elderly.

Sodium arsenite-induced cardiotoxicity in rats: protective role of p-coumaric acid, a common dietary polyphenol.

Postmortem analyses of gaseous and volatile substances in pericardial fluid and bone marrow aspirate.

Exposure to persistent organic pollutants and risk of hypertension among Inuit from Greenland.

Removal of protein-bound, hydrophobic uremic toxins by a combined fractionated plasma separation and adsorption technique.

Uncoupling mitochondrial activity maintains body [Formula: see text] during hemorrhage-induced O₂ deficit in the anesthetized rat.

Differential sensitivity to pro-oxidant exposure in two populations of killifish (*Fundulus heteroclitus*).

[Reduction in alcohol consumption: therapeutic goal in alcohol dependence treatment].

A novel UPLC-MS-MS method for simultaneous determination of seven uremic retention toxins with cardiovascular relevance in chronic kidney disease patients.

Arsenic increases Pi-mediated vascular calcification and induces premature senescence in vascular smooth muscle cells.

An update on uremic toxins.

Trichosanthes dioica root alleviates arsenic induced myocardial toxicity in rats.

[Molecular mechanisms for uremic toxin-induced oxidative tissue damage via a cardiovascular-renal connection].

Increased kidney metabolism as a pathway to kidney tissue hypoxia and damage: effects of triiodothyronine and dinitrophenol in normoglycemic rats.

Occurrence of disseminated intravascular coagulation in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced pneumonia in the rat.

Removal of protein-bound uraemic toxins by haemodialysis.

Isoflurane preconditioning confers cardioprotection by activation of ALDH2.

KML001 displays vascular disrupting properties and irinotecan combined antitumor activities in a murine tumor model.

Oculomotor deficits in aryl hydrocarbon receptor null mouse.

Interval estimation of the mean difference in the analysis of over-dispersed count data.

Increased activation of NADPH oxidase 4 in the pulmonary vasculature in experimental diaphragmatic hernia.

Timing and expression of the angiotensin-1-Tie-2 pathway in murine lung development and congenital diaphragmatic hernia.

Associations among chronic kidney disease, high total p-cresylsulfate and major adverse cardiac events.

Modulation of aryl hydrocarbon receptor-regulated genes by acute administration of ammonium metavanadate in kidney, lung and heart of C57BL/6 mice.

Protective effects of protocatechuic acid on TCDD-induced oxidative and histopathological damage in the heart tissue of rats.

Mitochondria-targeted antioxidants and metabolic modulators as pharmacological interventions to slow ageing.

Evaluation of miR-122 and other biomarkers in distinct acute liver injury in rats.

TCDD inhibits heart regeneration in adult zebrafish.

In vitro propagation and production of cardiotonic glycosides in shoot cultures of *Digitalis purpurea* L. by elicitation and precursor feeding.

Oxysterols modulate calcium signalling in the A7r5 aortic smooth muscle cell-line.

Ligand-dependent conformational changes in the clamp region of the cardiac ryanodine receptor.

Testosterone protects female embryonic heart H9c2 cells against severe metabolic stress by activating estrogen receptors and up-regulating IES SUR2B.

Identification of stable cytotoxic factors in the gas phase extract of cigarette smoke and pharmacological characterization of their cytotoxicity.

A simple protocol for the synthesis of dinitrosyl iron complexes with glutathione: EPR, optical, chromatographic and biological characterization of reaction products.

Biomonitoring of non-dioxin-like polychlorinated biphenyls in transgenic *Arabidopsis* using the mammalian pregnane X receptor system: a role of pectin in pollutant uptake.

Disruption of aryl hydrocarbon receptor homeostatic levels during embryonic stem cell differentiation alters expression of homeobox transcription factors that control cardiomyogenesis.

Military risk factors for cognitive decline, dementia and Alzheimer's disease.

Identification and analysis of an impurity inducing clinical adverse effect in anti-adhesion carboxymethyl chitosan products.

Knockout of the aryl hydrocarbon receptor results in distinct hepatic and renal phenotypes in rats and mice.

p-Cresyl sulfate induces osteoblast dysfunction through activating JNK and p38 MAPK pathways.

Resveratrol stimulates mitochondrial bioenergetics to protect retinal pigment epithelial cells from oxidative damage.

Gene expression and pathologic alterations in juvenile rainbow trout due to chronic dietary TCDD exposure.

Waterborne exposure of zebrafish embryos to micromole concentrations of ioxynil and diethylstilbestrol disrupts thyrocyte development.

Acute toxicity of some synthetic cyanogens in rats: time-dependent cyanide generation and cytochrome oxidase inhibition in soft tissues after sub-lethal oral intoxication.

Dioxin-induced acute cardiac mitochondrial oxidative damage and increased activity of ATP-sensitive potassium channels in Wistar rats.

Histopathological changes in the liver of rabbits exposed to high nitrate ingestion in drinking water.

Effective induction of cells expressing GABAergic neuronal markers from mouse embryonic stem cell.

Transplantation of induced pluripotent stem cells without C-Myc attenuates retinal ischemia and reperfusion injury in rats.

NMDA receptors in the lateral hypothalamus have an inhibitory influence on the tachycardiac response to acute restraint stress in rats.

Quartz crystal microbalance measurements of mitochondrial depolarization predicting chemically induced toxicity of vascular cells and macrophages.

Epicardium Formation as a Sensor in Toxicology.

Statistically enhanced spectral counting approach to TCDD cardiac toxicity in the adult zebrafish heart.

A potential gravity-sensing role of vascular smooth muscle cell glycocalyx in altered gravitational stimulation.

Cyp1a reporter zebrafish reveals target tissues for dioxin.

Evaluation of chromosome aberrations induced by digoxin in Chinese hamster ovary cells.

Time-resolved fluorescence spectroscopy investigation of the effect of 4-hydroxynonenal on endogenous NAD(P)H in living cardiac myocytes.

Altering HIF-1 α through 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure affects coronary vessel development.

Switchable skin window induced by optical clearing method for dermal blood flow imaging.

Loss of Neil3, the major DNA glycosylase activity for removal of hydantoin in single stranded DNA, reduces cellular proliferation and sensitizes cells to genotoxic stress.

P-cresol induces disruption of cardiomyocyte adherens junctions.

The effect of inorganic arsenic on endothelium-dependent relaxation: role of NADPH oxidase and hydrogen peroxide.

Activation of aryl hydrocarbon receptor prolongs survival of fully mismatched cardiac allografts.

Synthesis and bioevaluation of [(18)F]4-fluoro-m-hydroxyphenethylguanidine ([[(18)F]4F-MHPG): a novel radiotracer for quantitative PET studies of cardiac sympathetic innervation.

Embryonic exposure to butachlor in zebrafish (*Danio rerio*): endocrine disruption, developmental toxicity and immunotoxicity.

Suppression of advanced glycation and lipoxidation end products by angiotensin II type-1 receptor blocker candesartan in type 2 diabetic patients with essential hypertension.

Binding interaction between (-)-epigallocatechin gallate causes impaired spreading of cancer cells on fibrinogen.

Ameliorative Effects of Acacia Honey against Sodium Arsenite-Induced Oxidative Stress in Some Viscera of Male Wistar Albino Rats.

Correlation between Serum Levels of Protein-Bound Uremic Toxins in Hemodialysis Patients Measured by LC/MS/MS.

Treatment of mice with 2,3,7,8-Tetrachlorodibenzo-p-dioxin markedly increases the levels of a number of cytochrome P450 metabolites of omega-3 polyunsaturated fatty acids in the liver and lung.

Bisphenol a in chronic kidney disease.

Cancer incidence in pulmonary vasculitis.

Role of lipid peroxidation-derived α , β -unsaturated aldehydes in vascular dysfunction.

Changes in the expression of vascular endothelial growth factor after fetal tracheal occlusion in an experimental model of congenital diaphragmatic hernia.

Atrazine disrupts steroidogenesis, VEGF and NO production in swine granulosa cells.

Biochemical and histological evaluation of kidney damage after sub-acute exposure to 2,4-dichlorophenoxyacetic herbicide in rats: involvement of oxidative stress.

Chaperone heat shock protein 90 mobilization and hydralazine cytoprotection against acrolein-induced carbonyl stress.

Effect of intravenous fat emulsion therapy on glyphosate-surfactant-induced cardiovascular collapse.

Effects of bioreactive acrolein from automotive exhaust gases on human cells in vitro.

Overexpression of stanniocalcin-1 inhibits reactive oxygen species and renal ischemia/reperfusion injury in mice.

Inhibition of aminoacylase 3 protects rat brain cortex neuronal cells from the toxicity of 4-hydroxy-2-nonenal mercapturate and 4-hydroxy-2-nonenal.

[Early continuous dialysis in acute glyphosate-surfactant poisoning].

[Optimal conditions of bone marrow mesenchymal stem cells on paraquat-induced acute lung injury in rats].

Antioxidant effects of selenium on lung injury in paraquat intoxicated rats.

HRMAS NMR as a tool to study metabolic responses in heart clam *Ruditapes decussatus* exposed to Roundup®.

[Effects of acrolein on apoptosis of H9c2 cardiomyocytes with hypoxia/reoxygenation injury].

In vitro cytotoxic effect of glyphosate mixture containing surfactants.

[Effects of ulinastatin on myocardial injury induced by acute paraquat poisoning].

Acute human glufosinate-containing herbicide poisoning.

[The relationship between HIF-1 α expression and the early lung fibrosis in rats with acute paraquat poisoning].

[Experimental anticoagulant therapy of acute lung injury induced by paraquat].

Acute oral poisoning due to chloracetanilide herbicides.

Glyphosate-surfactant herbicide products containing glyphosate potassium salt can cause fatal hyperkalemia if ingested in massive amounts.

Hypercholesterolemia and oxidative stress inhibit endothelial cell healing after arterial injury.

Plasma dioxin levels and cause-specific mortality in an occupational cohort of workers exposed to chlorophenoxy herbicides, chlorophenols and contaminants.

Acrolein induces endoplasmic reticulum stress and causes airspace enlargement.

Identification and mechanism of *Echinochloa crus-galli* resistance to fenoxaprop-p-ethyl with respect to physiological and anatomical differences.

Genetic dissection of strain dependent paraquat-induced neurodegeneration in the substantia nigra pars compacta.

Arterial lactate as a predictor of mortality in emergency department patients with paraquat intoxication.

A longer tracheal occlusion period results in increased lung growth in the nitrofen rat model.

Hypolipidemic and antioxidant activities of virgin olive oil and its fractions in 2,4-dichlorophenoxyacetic acid-treated rats.

A possible role of acrolein in diabetic retinopathy: involvement of a VEGF/TGF β signaling pathway of the retinal pigment epithelium in hyperglycemia.

The comparison of β -bromo-4-chlorocinnamaldehyde and cinnamaldehyde on coxsackie virus B3-induced myocarditis and their mechanisms.

Attenuation of mouse somatic and emotional inflammatory pain by hydralazine through scavenging acrolein and inhibiting neuronal activation.

[Determination of glyphosate in heart blood of corpse by ion chromatography].

Hypothesis: Estrogen related thrombosis explains the pathogenesis and epidemiology of gastroschisis.

Enhanced catabolism to acetaldehyde in rostral ventrolateral medullary neurons accounts for the pressor effect of ethanol in spontaneously hypertensive rats.

mIGF-1/JNK1/SirT1 signaling confers protection against oxidative stress in the heart.

2-methoxycinnamaldehyde from *Cinnamomum cassia* reduces rat myocardial ischemia and reperfusion injury in vivo due to HO-1 induction.

Acute intoxication with the adjuvant itself for Gramoxone INTEON.

Mitochondrial ROS-K⁺ channel signaling pathway regulated secretion of human pulmonary artery endothelial cells.

Endogenous hydrogen peroxide in the hypothalamic paraventricular nucleus regulates sympathetic nerve activity responses to L-glutamate.

Reactive carbonyl compounds (RCCs) cause aggregation and dysfunction of fibrinogen.

A lung dosimetry model of vapor uptake and tissue disposition.

Hydrogen peroxide enhances vasodilatation by increasing dimerization of cGMP-dependent protein kinase type I β .

Mitochondrial function is involved in regulation of cholesterol efflux to apolipoprotein (apo)A-I from murine RAW 264.7 macrophages.

Toxicity of untreated and ozone-treated oil sands process-affected water (OSPW) to early life stages of the fathead minnow (*Pimephales promelas*).

Effects of choline on sodium arsenite-induced neural tube defects in chick embryos.

Ethanol enhances tumor angiogenesis in vitro induced by low-dose arsenic in colon cancer cells through hypoxia-inducible factor 1 alpha pathway.

The role of protein-bound uremic toxins on peripheral artery disease and vascular access failure in patients on hemodialysis.

Environmental exposure to dioxin-like compounds and the mortality risk in the U.S. population.

Background exposure to persistent organic pollutants predicts stroke in the elderly.

Bath salt intoxication causing acute kidney injury requiring hemodialysis.

Importance of riboflavin kinase in the pathogenesis of stroke.

Adverse alterations in mitochondrial function contribute to type 2 diabetes mellitus-related endothelial dysfunction in humans.

Quantification of p-cresol sulphate in human plasma by selected reaction monitoring.

Eccrine porocarcinoma with carcinomatous lymphangitis in a patient with history of arsenic exposure: a case report.

Suicidal sodium azide intoxication: An analytical challenge based on a rare case.

Mortality study of chemical workers exposed to dioxins: follow-up 23 years after chemical plant closure.

In vitro and in vivo biological evaluation of new 4,5-disubstituted 1,2,3-triazoles as cis-constrained analogs of combretastatin A4.

Oxidative stress fuels *Trypanosoma cruzi* infection in mice.

Prenatal retinoic acid improves lung vascularization and VEGF expression in CDH rat.

RP-HPLC-UV method coupled with post-column iodine-azide reaction for determination of free captopril in urine samples.

New agents promote neuroprotection in Parkinson's disease models.

Antenatal imatinib treatment reduces pulmonary vascular remodeling in a rat model of congenital diaphragmatic hernia.

Sensitivity to dioxin decreases as zebrafish mature.

Reproductive and developmental toxicity of dioxin in fish.

Serum total p-cresol and indoxyl sulfate correlated with stage of chronic kidney disease in renal transplant recipients.

Chronic low-level arsenite exposure through drinking water increases blood pressure and promotes concentric left ventricular hypertrophy in female mice.

A metabonomic study of biochemical changes characteristic of genetically hypertensive rats based on ¹H NMR spectroscopic urinalysis.

Associations of persistent organic pollutants with abdominal obesity in the elderly: The Prospective Investigation of the Vasculature in Uppsala Seniors (PIVUS) study.

Synthesis, in silico metabolic and toxicity prediction of some novel imidazolinones derivatives as potent anticonvulsant agents.

Local fetal lung renin-angiotensin system as a target to treat congenital diaphragmatic hernia.

Induction of mitochondrial uncoupling enhances VEGF β , but reduces MCP-1 release in mature 3T3-L1 adipocytes: possible regulatory mechanism through endogenous ER stress and AMPK-related pathways.

Effects of prenatal exposure to sodium arsenite on motor and food-motivated behaviors from birth to adulthood in C57BL6/J mice.

Thrombocytosis and venous thromboembolism in cancer patients with chemotherapy induced anemia may be related to ESA induced iron restricted erythropoiesis and reversed by administration of IV iron.

Uncoupling oxidative phosphorylation with 2,4-dinitrophenol promotes development of the adhesion phenotype.

Serum free p-cresyl sulfate levels predict cardiovascular and all-cause mortality in elderly hemodialysis patients--a prospective cohort study.

Inhibition of VCAM-1 expression in endothelial cells by CORM-3: the role of the ubiquitin-proteasome system, p38, and mitochondrial respiration.

Defective pulmonary innervation and autonomic imbalance in congenital diaphragmatic hernia.

Common mechanism underlies repeated evolution of extreme pollution tolerance.

In vitro and in vivo characterization of AS2643361, a novel and highly potent inosine 5'-monophosphate dehydrogenase inhibitor.

Evidence of a suffocation alarm system within the periaqueductal gray matter of the rat.

[Sodium azide poisoning--a rare reason of hospitalization in toxicological units--case report].

Uremia suppresses immune signal-induced CYP27B1 expression in human monocytes.

Induction of brain microvascular endothelial cell urokinase expression by *Cryptococcus neoformans* facilitates blood-brain barrier invasion.

Global DNA methylation not increased in chronic hemodialysis patients: a case-control study.

Free p-cresol sulfate is associated with survival and function of vascular access in chronic hemodialysis patients.

ANG-1 TIE-2 and BMPR signalling defects are not seen in the nitrofen model of pulmonary hypertension and congenital diaphragmatic hernia.

Circulating levels of persistent organic pollutants (POPs) and carotid atherosclerosis in the elderly.

An update on protein-bound uremic retention solutes.

Aryl hydrocarbon receptor agonists induce microRNA-335 expression and inhibit lung metastasis of estrogen receptor negative breast cancer cells.

Epidemiology and outcomes of poisoning-induced out-of-hospital cardiac arrest.

Effects of arsenic exposure during the pre- and postnatal development on the puberty of female offspring.

Uremic toxin p-cresol induces disassembly of gap junctions of cardiomyocytes.

Effects of carnosine on polyamine levels in red blood cells of patients with hypertonic discirculatory encephalopathy.

P-cresol, but not p-cresylsulphate, disrupts endothelial progenitor cell function in vitro.

Environmentally persistent free radicals decrease cardiac function and increase pulmonary artery pressure.

Effects of short-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on microRNA expression in zebrafish embryos.

Genes and environment: novel, functional polymorphism in the human cathepsin L (CTSL1) promoter disrupts a xenobiotic response element (XRE) to alter transcription and blood pressure.

The androgenic anabolic steroid tetrahydrogestrinone produces dioxin-like effects via the aryl hydrocarbon receptor.

Identification of novel bioactive aldehyde-modified phosphatidylethanolamines formed by lipid peroxidation.

A PagP fusion protein system for the expression of intrinsically disordered proteins in Escherichia coli.

Circulating levels of persistent organic pollutants (POPs) among elderly men and women from Sweden: results from the Prospective Investigation of the Vasculature in Uppsala Seniors (PIVUS).

Embryotoxicity assessment of developmental neurotoxicants using a neuronal endpoint in the embryonic stem cell test.

Effect of mercury on aryl hydrocarbon receptor-regulated genes in the extrahepatic tissues of C57BL/6 mice.

Sodium azide poisoning at a restaurant - Dallas County, Texas, 2010.

Differential modulation of aryl hydrocarbon receptor regulated enzymes by arsenite in the kidney, lung, and heart of C57BL/6 mice.

Arsenic toxicity: a heart-breaking saga of a freshwater mollusc.

Buffalo (*Bubalus bubalis*) epiphyseal proteins counteract arsenic-induced oxidative stress in brain, heart, and liver of female rats.

Clinical outcome of veterans with acute coronary syndrome who had been exposed to agent orange.

Arsenite promotes apoptosis and dysfunction in microvascular endothelial cells via an alteration of intracellular calcium homeostasis.

Impact of short-term intake of red wine and grape polyphenol extract on the human metabolome.

Proteolytic regulation of the mitochondrial cAMP-dependent protein kinase.

EZR1: a novel family of highly expressed retroelements induced by TCDD and regulated by a NF- κ B-like factor in embryos of zebrafish (*Danio rerio*).

Site-specific oxidation of apolipoprotein A-I impairs cholesterol export by ABCA1, a key cardioprotective function of HDL.

Multidrug resistance protein (MRP) 4 attenuates benzo[a]pyrene-mediated DNA-adduct formation in human bronchoalveolar H358 cells.

A method to estimate the chronic health impact of air pollutants in U.S. residences.

Mitochondria as a source and target of lipid peroxidation products in healthy and diseased heart.

Small calibre biosynthetic bacterial cellulose blood vessels: 13-months patency in a sheep model.

Mast cells in the intestine and gills of the sea bream, *Sparus aurata*, exposed to a polychlorinated biphenyl, PCB 126.

The relationship between platelet endothelial cell adhesion molecule-1 and paraquat-induced lung injury in rabbits.

Protective Effect of Silymarin against Acrolein-Induced Cardiotoxicity in Mice.

Takotsubo cardiomyopathy as a delayed complication with a herbicide containing glufosinate ammonium in a suicide attempt: a case report.

Angiogenesis inhibitor vasohibin-1 enhances stress resistance of endothelial cells via induction of SOD2 and SIRT1.

Bismuth protects against arsenite-induced inhibition of proteoglycan synthesis in cultured vascular endothelial cells.

[Proteomic analysis of mitochondria from the *Bos taurus* heart. III. Identification of mitochondrial inner membrane proteins].

Enzymatic degradation of endocrine-disrupting chemicals in aquatic plants and relations to biological Fenton reaction.

H₂O₂-induced secretion of tumor necrosis factor- α evokes apoptosis of cardiac myocytes through reactive oxygen species-dependent activation of p38 MAPK.

Surfactant volume is an essential element in human toxicity in acute glyphosate herbicide intoxication.

Chronic oral exposure to the aldehyde pollutant acrolein induces dilated cardiomyopathy.

2,4-Dichlorophenoxyacetic acid effects on nephrotoxicity in rats during late pregnancy and early postnatal periods.

Epidemiologic studies of glyphosate and non-cancer health outcomes: a review.

Differential response of young and adult leaves to herbicide 2,4-dichlorophenoxyacetic acid in pea plants: role of reactive oxygen species.

Prognostic significance of arterial blood gas analysis in the early evaluation of paraquat poisoning patients.

Paraquat induces epigenetic changes by promoting histone acetylation in cell culture models of dopaminergic degeneration.

Cigarette smoke components induce matrix metalloproteinase-1 in aortic endothelial cells through inhibition of mTOR signaling.

Genotoxic effects of chlorpyrifos, cypermethrin, endosulfan and 2,4-D on human peripheral lymphocytes cultured from smokers and nonsmokers.

Acrolein-induced dyslipidemia and acute-phase response are independent of HMG-CoA reductase.

The effects of acrolein on the thioredoxin system: implications for redox-sensitive signaling.

Protein modification by acrolein: relevance to pathological conditions and inhibition by aldehyde sequestering agents.

Acrolein, an environmental toxin, induces cardiomyocyte apoptosis via elevated intracellular calcium and free radicals.

Exposure to arsenic in drinking water is associated with increased prevalence of diabetes: a cross-sectional study in the Zimapán and Lagunera regions in Mexico.

[Clinical analysis of multiple organ dysfunction syndrome caused by acute paraquat poisoning].

Acrolein inhalation prevents vascular endothelial growth factor-induced mobilization of Flk-1+/Sca-1+ cells in mice.

Structure and epitope distribution of heparan sulfate is disrupted in experimental lung hypoplasia: a glycobiological epigenetic cause for malformation?

[Studying the therapeutic effects of hemoperfusion with continuous venovenous hemofiltration on the patients with acute paraquat poisoning].

Protection of bone marrow mesenchymal stem cells from acute lung injury induced by paraquat poisoning.

NBHA reduces acrolein-induced changes in ARPE-19 cells: possible involvement of TGF β 2.

[Study on the prognosis of patients with acute paraquat intoxication].

Protective effects of the aqueous extract of *Scutellaria baicalensis* against acrolein-induced oxidative stress in cultured human umbilical vein endothelial cells.

Aseptic meningitis in association with glyphosate-surfactant herbicide poisoning.

Erythema multiforme major due to occupational exposure to the herbicides alachlor and butachlor.

Suicide victim of paraquat poisoning make suitable corneal donor.

The effects of catalase inhibition into the fourth cerebral ventricle on the Bezold-Jarisch reflex in spontaneously hypertensive rats.

Endogenous hydrogen peroxide in paraventricular nucleus mediates sympathetic activation and enhanced cardiac sympathetic afferent reflex in renovascular hypertensive rats.

2-Methoxycinnamaldehyde inhibits tumor angiogenesis by suppressing Tie2 activation.

Cinnamaldehyde protects from the hypertension associated with diabetes.

Spice oil cinnamaldehyde exhibits potent anticandidal activity against fluconazole resistant clinical isolates.

Mass spectrometry-based quantification of myocardial protein adducts with acrolein in an in vivo model of oxidative stress.

The involvement of TRPA1 channel activation in the inflammatory response evoked by topical application of cinnamaldehyde to mice.

Oral exposure to acrolein exacerbates atherosclerosis in apoE-null mice.

Endothelial dysfunction and claudin 5 regulation during acrolein-induced lung injury.

Protandim attenuates intimal hyperplasia in human saphenous veins cultured ex vivo via a catalase-dependent pathway.

Catalase inhibition into the fourth cerebral ventricle affects bradycardic parasympathetic response to increase in arterial pressure without changing the baroreflex.

Urine arsenic and hypertension in US adults: the 2003-2008 National Health and Nutrition Examination Survey.

Relationship between metabolic disorders and relative risk values of brain infarction estimated by protein-conjugated acrolein, IL-6 and CRP together with age.

Poly(ADP-ribose) polymerase-1 protects from oxidative stress induced endothelial dysfunction.

Acrolein sensitizes human renal cancer Caki cells to TRAIL-induced apoptosis via ROS-mediated up-regulation of death receptor-5 (DR5) and down-regulation of Bcl-2.

Catalase activity prevents exercise-induced up-regulation of vasoprotective proteins in venous tissue.

Soluble epoxide hydrolase contamination of specific catalase preparations inhibits epoxyeicosatrienoic acid vasodilation of rat renal arterioles.

A ternary mechanism for NADH oxidation by positively charged electron acceptors, catalyzed at the flavin site in respiratory complex I.

Cigarette smoke and $\hat{1}\pm, \hat{1}^2$ -unsaturated aldehydes elicit VEGF release through the p38 MAPK pathway in human airway smooth muscle cells and lung fibroblasts.

A tingling sanshool derivative excites primary sensory neurons and elicits nocifensive behavior in rats.

Increased oxidative/nitrosative stress markers measured non-invasively in patients with high 2,3,7,8-tetrachloro-dibenzo-p-dioxin plasma level.

Vasodilatory effects of cinnamaldehyde and its mechanism of action in the rat aorta.

TRPA1 receptors mediate environmental irritant-induced meningeal vasodilatation.

Predicting the risk of cardiovascular disease in people exposed to moderate to high levels of dioxin.

A single mid-gestation exposure to TCDD yields a postnatal autoimmune signature, differing by sex, in early geriatric C57BL/6 mice.

$17\hat{1}^2$ -estradiol protects the lung against acute injury: possible mediation by vasoactive intestinal polypeptide.

Low-level subchronic arsenic exposure from prenatal developmental stages to adult life results in an impaired glucose homeostasis.

Endocrine disrupting chemicals and disease susceptibility.

Air pollution in autoimmune rheumatic diseases: a review.

Potential protective mechanisms of aryl hydrocarbon receptor (AHR) signaling in benign prostatic hyperplasia.

Hydrogen peroxide stimulates the epithelial sodium channel through a phosphatidylinositide 3-kinase-dependent pathway.

Synthesis and evaluation of novel carbon-11 labeled oxopurine analogues for positron emission tomography imaging of translocator protein (18 kDa) in peripheral organs.

2,4-dinitrophenol (DNP): a weight loss agent with significant acute toxicity and risk of death.

Vascular hyperpermeability in response to inflammatory mustard oil is mediated by Rho kinase in mice systemically exposed to arsenic.

Vitamin B12 protects against superoxide-induced cell injury in human aortic endothelial cells.

Polychlorinated biphenyls and organochlorine pesticides in plasma predict development of type 2 diabetes in the elderly: the prospective investigation of the vasculature in Uppsala Seniors (PIVUS) study.

Genetic architecture of susceptibility to PCB126-induced developmental cardiotoxicity in zebrafish.

Interactive effect of arsenic and fluoride on cardio-respiratory disorders in male rats: possible role of reactive oxygen species.

Distinct role of Hsp70 in Drosophila hemocytes during severe hypoxia.

Protein-bound uremic toxins: new insight from clinical studies.

Defects in myoglobin oxygenation in K(ATP)-deficient mouse hearts under normal and stress conditions characterized by near infrared spectroscopy and imaging.

Effect of urinary total arsenic level and estimated glomerular filtration rate on the risk of renal cell carcinoma in a low arsenic exposure area.

Activation of aryl hydrocarbon receptor induces vascular inflammation and promotes atherosclerosis in apolipoprotein E^{-/-} mice.

In vitro and in vivo evaluation of chemically modified degradable starch microspheres for topical haemostasis.

Antenatal sildenafil treatment attenuates pulmonary hypertension in experimental congenital diaphragmatic hernia.

Vascular incompetence in dialysis patients--protein-bound uremic toxins and endothelial dysfunction.

2, 4-dinitrophenol poisoning caused by non-oral exposure.

Mitochondrial uncoupling agents trigger ventricular fibrillation in isolated rat hearts.

Perspectives on the potential involvement of the AH receptor-dioxin axis in cardiovascular disease.

Surviving a life-threatening 2,4-DNP intoxication: 'Almost dying to be thin'.

Effect of quercetin on formation of choroidal neovascularization (CNV) in age-related macular degeneration(AMD).

Arsenic: toxicity, oxidative stress and human disease.

Central and peripheral mechanisms underlying gastric distention inhibitory reflex responses in hypercapnic-acidotic rats.

Haemoglobin-induced oxidative stress is associated with both endogenous peroxidase activity and H₂O₂ generation from polyunsaturated fatty acids.

A case report of concomitant paroxysmal nocturnal hemoglobinuria and heterozygous β^2 -thalassemia.

Acute tubular necrosis due to cutaneous contact with cresol.

A practical synthesis of renin inhibitor MK-1597 (ACT-178882) via catalytic enantioselective hydrogenation and epimerization of piperidine intermediate.

Oxidative stress and hepatic stellate cell activation are key events in arsenic induced liver fibrosis in mice.

Prenatal TCDD causes persistent modulation of the postnatal immune response, and exacerbates inflammatory disease, in 36-week-old lupus-like autoimmune SNF1 mice.

Microscopic magnetic resonance imaging of the thoracic venous system in rats with congenital diaphragmatic hernia.

Effect of insulin-like growth factors on lung development in a nitrofen-induced CDH rat model.

AhR2-mediated, CYP1A-independent cardiovascular toxicity in zebrafish (*Danio rerio*) embryos exposed to retene.

Bacterial contamination and the transport vial material affect cerebrospinal fluid concentrations of β -Amyloid and Tau protein as determined by enzyme immunoassay.

Does uremia cause vascular dysfunction?

Cardioprotection induced by Na(+)/K(+)-ATPase activation involves extracellular signal-regulated kinase 1/2 and phosphoinositide 3-kinase/Akt pathway.

Disruption of embryonic vascular development in predictive toxicology.

Differential cytotoxic effects of sodium meta-arsenite on human cancer cells, dental papilla stem cells and somatic cells correlate with telomeric properties and gene expression.

All-trans retinoic acid protects against arsenic-induced uterine toxicity in female Sprague-Dawley rats.

Heparan sulfate proteoglycans mediate the angiogenic activity of the vascular endothelial growth factor receptor-2 agonist gremlin.

Rat H9c2 cardiac myocytes are sensitive to arsenite due to a modest activation of transcription factor Nrf2.

Natural toxins implicated in the development of Parkinson's disease.

Stereoselective metabolism of fenoxaprop-ethyl and its chiral metabolite fenoxaprop in rabbits.

Structural and mechanical properties of "peelable" organoaqueous dispersions with partially hydrolyzed poly(vinyl acetate)-borate networks: applications to cleaning painted surfaces.

Site-specific proteomic analysis of lipoxidation adducts in cardiac mitochondria reveals chemical diversity of 2-alkenal adduction.

Somatic embryogenesis, scanning electron microscopy, histology and biochemical analysis at different developing stages of embryogenesis in six date palm (*Phoenix dactylifera* L.) cultivars.

Developmental effects related to angiogenesis and osteogenic differentiation in Salmon larvae continuously exposed to dioxin-like 3,3',4,4'-tetrachlorobiphenyl (congener 77).

Risk characterization for mercury, dichlorodiphenyltrichloroethane and polychlorinated biphenyls associated with fish consumption in Serbia.

Oxidative modifications of proteins by sodium arsenite in human umbilical vein endothelial cells.

The leader protein of cardioviruses inhibits stress granule assembly.

Enhancing effect of zinc on L-histidine transport in rat lung microvascular endothelial cells.

Aryl hydrocarbon receptor-dependent upregulation of Cyp1b1 by TCDD and diesel exhaust particles in rat brain microvessels.

Effect of the traditional Chinese medicine tongxinluo on endothelial dysfunction rats studied by using urinary metabonomics based on liquid chromatography-mass spectrometry.

Characterization of iodinated adrenomedullin derivatives suitable for lung nuclear medicine.

Organic anion transporters play an important role in the uptake of p-cresyl sulfate, a uremic toxin, in the kidney.

Developmental and posthatch effects of in ovo exposure to 2,3,7,8-TCDD, 2,3,4,7,8-PECDF, and 2,3,7,8-TCDF in Japanese quail (*Coturnix japonica*), common pheasant (*Phasianus colchicus*), and white leghorn chicken (*Gallus gallus domesticus*) embryos.

Sodium arsenite and hyperthermia modulate cisplatin-DNA damage responses and enhance platinum accumulation in murine metastatic ovarian cancer xenograft after hyperthermic intraperitoneal chemotherapy (HIPEC).

Role of zebrafish cytochrome P450 CYP1C genes in the reduced mesencephalic vein blood flow caused by activation of AHR2.

Modulation of mast cell adhesion, proliferation, and cytokine secretion on electrospun bioresorbable vascular grafts.

Oral ferrous sulfate does not increase preoperative hemoglobin in patients scheduled for hip or knee arthroplasty.

The differentiation of cardiomyocytes from mouse embryonic stem cells is altered by dioxin.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced cytotoxicity accompanied by oxidative stress in rat Sertoli cells: Possible role of mitochondrial fractions of Sertoli cells.

Dynamics and species diversity of communities of lactic acid bacteria and acetic acid bacteria during spontaneous cocoa bean fermentation in vessels.

Fibroblast cytoskeletal remodeling contributes to connective tissue tension.

Dioxin exposure of human CD34+ hemopoietic cells induces gene expression modulation that recapitulates its in vivo clinical and biological effects.

Contribution of hypoxia-inducible factor-1 α to transcriptional regulation of vascular endothelial growth factor in bovine developing luteal cells.

Protective effect of pretreatment with cilostazol on cytotoxicity of cadmium and arsenite in cultured vascular endothelial cells.

Stability of tissue PO₂ in the face of altered perfusion: a phenomenon specific to the renal cortex and independent of resting renal oxygen consumption.

Bacterial cellulose as a potential vascular graft: Mechanical characterization and constitutive model development.

H₂O₂ is the transferrable factor mediating flow-induced dilation in human coronary arterioles.

Adenosine A2 receptors are involved in the activation of ATP-sensitive K⁺ currents during metabolic inhibition in guinea pig ventricular myocytes.

C-reactive protein makes human endothelium stiff and tight.

Stiff endothelial cell syndrome in vascular inflammation and mineralocorticoid excess.

Saturated hydrogen saline protects rats from acute lung injury induced by paraquat.

Polychlorinated dibenzo-p-dioxins and dibenzofurans in different tissues of the cormorants (*Phalacrocorax carbo*) from Dongting Lake, China.

A dominant negative zebrafish Ahr2 partially protects developing zebrafish from dioxin toxicity.

Reduction in protein-bound solutes unacceptable as marker of dialysis efficacy during alternate-night nocturnal hemodialysis.

A uremic solute, P-cresol, inhibits the proliferation of endothelial progenitor cells via the p38 pathway.

Evaluation of Iron-induced Oxidative Stress and its Amelioration by Certain Herbs in Broilers.

Biosynthesis of the cyanogenic glucosides linamarin and lotaustralin in cassava: isolation, biochemical characterization, and expression pattern of CYP71E7, the oxime-metabolizing cytochrome P450 enzyme.

Cardiac-specific overexpression of catalase attenuates paraquat-induced myocardial geometric and contractile alteration: role of ER stress.

Severe systemic intoxication following triclopyr-TEA ingestion.

Glyphosate-surfactant herbicide-induced reversible encephalopathy.

[Extreme hyperkalemia in a patient with a new glyphosate potassium herbicide poisoning: report of a case].

Effect of glutathione administration on serum levels of reactive oxygen metabolites in patients with paraquat intoxication: a pilot study.

Hydrolysis of benzonitrile herbicides by soil actinobacteria and metabolite toxicity.

Dietary olive oil effect on antioxidant status and fatty acid profile in the erythrocyte of 2,4-D- exposed rats.

Hepatotoxicity induced by sub-acute exposure of rats to 2,4-Dichlorophenoxyacetic acid based herbicide "DÃ©sormone lourde".

Use of a lipid emulsion in a patient with refractory hypotension caused by glyphosate-surfactant herbicide.

Postmortem distribution of ametryn in the blood and organ tissues of an herbicide-poisoning victim.

Simvastatin attenuates acrolein-induced mucin production in rats: involvement of the Ras/extracellular signal-regulated kinase pathway.

Acrolein increases 5-lipoxygenase expression in murine macrophages through activation of ERK pathway.

Atrazine affects kidney and adrenal hormones (AHs) related genes expressions of rare minnow (*Gobiocypris rarus*).

Spontaneous mutation frequency is elevated in skin of harlequin (hq)/Big Blue mice.

[Analysis of cardiac toxicity caused by cyclophosphamide in the H9c2 cell line and isolated and perfused rat hearts].

Effects of herbicides on *Lemna gibba* and recovery from damage after prolonged exposure.

Paraquat increases connective tissue growth factor and collagen expression via angiotensin signaling pathway in human lung fibroblasts.

Increased expression of endothelial iNOS accounts for hyporesponsiveness of pulmonary artery to vasoconstrictors after paraquat poisoning.

Effects of nutrient pre-exposure on atrazine toxicity to *Vallisneria americana* Michx. (wild celery).

[Expression of NF-kappaB and its downstream products in human umbilical vascular endothelial cells treated with paraquat].

Acute human self-poisoning with bispyribac-containing herbicide Nominee: a prospective observational study.

Acrolein induces apoptosis through the death receptor pathway in A549 lung cells: role of p53.

Water-Soluble alpha,beta-unsaturated aldehydes of cigarette smoke induce carbonylation of human serum albumin.

Perturbation of lipids and glucose metabolism associated with previous 2,4-D exposure: a cross-sectional study of NHANES III data, 1988-1994.

Acrolein consumption induces systemic dyslipidemia and lipoprotein modification.

Plasma level of malondialdehyde in the cases of acute paraquat intoxication.

Toxicity of the herbicides bromacil and simazine to the aquatic macrophyte, *Vallisneria americana* Michx.

Cause-specific mortality of Dutch chlorophenoxy herbicide manufacturing workers.

Influence of cinnamaldehyde on viral myocarditis in mice.

Correlation between images of silent brain infarction, carotid atherosclerosis and white matter hyperintensity, and plasma levels of acrolein, IL-6 and CRP.

Modulation of the reaction of vascular smooth muscle cells to angiotensin II induced by catalase and aminotriazol during ischemia-reperfusion.

Differential effects of substance P or hemokinin-1 on transient receptor potential channels, TRPV1, TRPA1 and TRPM8, in the rat.

Dihydrochalcones: Implication in resistance to oxidative stress and bioactivities against advanced glycation end-products and vasoconstriction.

Comparison of glutathione peroxidase 1 and peroxiredoxin 6 in protection against oxidative stress in the mouse lung.

Mitochondrial aldehyde dehydrogenase mediates vasodilator responses of glyceryl trinitrate and sodium nitrite in the pulmonary vascular bed of the rat.

Evidence for the pathophysiological relevance of TRPA1 receptors in the cardiovascular system in vivo.

Induction of heme oxygenase-1 by whisky congeners in human endothelial cells.

Distribution and metabolism of four different dimethylated arsenicals in hamsters.

SIRT1 promotes proliferation and prevents senescence through targeting LKB1 in primary porcine aortic endothelial cells.

Hydrogen peroxide inhibits exercise-induced increase of circulating stem cells with endothelial progenitor capacity.

ATZ (3-amino-1,2,4-triazole) injected into the fourth cerebral ventricle influences the Bezold-Jarisch reflex in conscious rats.

Effects of estrogen on lung development in a rat model of diaphragmatic hernia.

Aryl hydrocarbon receptor nuclear translocator in hepatocytes is required for aryl hydrocarbon receptor-mediated adaptive and toxic responses in liver.

A novel cell permeant peptide inhibitor of MAPKAP kinase II inhibits intimal hyperplasia in a human saphenous vein organ culture model.

The aryl hydrocarbon receptor-interacting protein (AIP) is required for dioxin-induced hepatotoxicity but not for the induction of the Cyp1a1 and Cyp1a2 genes.

Protein biomarkers for in vitro testing of embryotoxicity.

Toxicology and carcinogenesis studies of 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (CAS No. 31508-00-6) in female Harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 3,3',4,4'-tetrachloroazobenzene (TCAB) (CAS No. 14047-09-7) in Harlan Sprague-Dawley rats and B6C3F1 mice (gavage studies).

Interrelationship between exposure to PCDD/Fs and hypertension in metabolic syndrome in Taiwanese living near a highly contaminated area.

TCDD induced pericardial edema and relative COX-2 expression in medaka (*Oryzias latipes*) embryos.

Connective tissue growth factor expression pattern in lung development.

Lymphocyte-based determination of susceptibility to malignant hyperthermia: a pilot study in swine.

Cytochrome P4501A1 is required for vascular dysfunction and hypertension induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Heart tissue of harlequin (hq)/Big Blue mice has elevated reactive oxygen species without significant impact on the frequency and nature of point mutations in nuclear DNA.

[Uremic toxins: the case of protein-bound compounds].

The novel role of fenofibrate in preventing nicotine- and sodium arsenite-induced vascular endothelial dysfunction in the rat.

Phenotypic anchoring of gene expression after developmental exposure to aryl hydrocarbon receptor ligands in zebrafish.

Antenatal steroid and tracheal occlusion restore vascular endothelial growth factor receptors in congenital diaphragmatic hernia rat model.

Serum levels of total p-cresylsulphate are associated with angiographic coronary atherosclerosis severity in stable angina patients with early stage of renal failure.

Does polyamine oxidase activity influence the oxidative metabolism of children who suffer of diabetes mellitus?

Assisted ventilation modes reduce the expression of lung inflammatory and fibrogenic mediators in a model of mild acute lung injury.

Serological cardiovascular and mortality risk predictors in dialysis patients receiving sevelamer: a prospective study.

Iron deficiency induces changes in riboflavin secretion and the mitochondrial electron transport chain in hairy roots of *Hyoscyamus albus*.

Arsenic abrogates the estrogen-signaling pathway in the rat uterus.

Gene expression analysis in hypoplastic lungs in the nitrofen model of congenital diaphragmatic hernia.

Pesticide use and myocardial infarction incidence among farm women in the agricultural health study.

p-Cresol and cardiovascular risk in mild-to-moderate kidney disease.

All the wrong moves: a clinical review of restless legs syndrome, periodic limb movements of sleep and wake, and periodic limb movement disorder.

Angiosarcoma: clinical and molecular insights.

Withdrawal symptoms after gabapentin discontinuation.

Oxygen-dependence of metabolic rate in the muscles of craniates.

Arsenic-induced myocardial injury: protective role of *Corchorus olitorius* leaves.

2,4-Dinitrophenol blocks neurodegeneration and preserves sciatic nerve function after trauma.

The role of calcium in modulating the reactivity of the smooth muscle cells during ischemia/reperfusion.
Part 2.

Expression and function of phosphodiesterases in nitrofen-induced congenital diaphragmatic hernia in rats.

In vitro inhibition of low density lipoprotein carbamylation by vitamins, as an ameliorating atherosclerotic risk in uremic patients.

Free p-cresylsulphate is a predictor of mortality in patients at different stages of chronic kidney disease.

Out-of-hospital cardiac arrest caused by acute intoxication.

[A case of severe bronchial mucosal injury caused by iron pill aspiration].

Bronchopulmonary innervation defects in infants and rats with congenital diaphragmatic hernia.

Ground-glass-like hepatocellular inclusions in the course of adult-onset Still's disease.

Activation of the aryl hydrocarbon receptor pathway enhances cancer cell invasion by upregulating the MMP expression and is associated with poor prognosis in upper urinary tract urothelial cancer.

Proteomic remodelling of mitochondrial oxidative pathways in pressure overload-induced heart failure.

Increased levels of total P-Cresylsulphate and indoxyl sulphate are associated with coronary artery disease in patients with diabetic nephropathy.

Efficacy and safety of ferric carboxymaltose in correcting iron-deficiency anemia: a review of randomized controlled trials across different indications.

Coronal leakage of four intracanal medications after exposure to human saliva in the presence of a temporary filling material.

The effect of TCDD dioxin on the rat liver in biochemical and histological assessment.

A case of human poisoning with a flufenoxuron-containing insecticide.

Chemical target and pathway toxicity mechanisms defined in primary human cell systems.

Microscopic magnetic resonance in congenital diaphragmatic hernia and associated malformations in rats.

Upregulation of endothelin receptors A and B in the nitrofen induced hypoplastic lung occurs early in gestation.

Neuroprotective effect of s-methylisothiourea in transient focal cerebral ischemia in rat.

p-Cresyl sulfate serum concentrations in haemodialysis patients are reduced by the prebiotic oligofructose-enriched inulin.

The safety and efficacy of continuous transcranial duplex Doppler monitoring of middle cerebral artery occlusion in acute stroke patients: comparison of TCDD and thrombolysis in MCA recanalization.

Evidence supporting a role for N-(3-formyl-3,4-dehydropiperidino)lysine accumulation in Müller glia dysfunction and death in diabetic retinopathy.

Dioxins and human toxicity.

Effects of selected food phytochemicals in reducing the toxic actions of TCDD and p,p'-DDT in U937 macrophages.

Multiphoton-absorption-induced-luminescence (MAIL) imaging of tumor-targeted gold nanoparticles.

Development of an acellular bioengineered matrix with a dominant vascular pedicle.

Serum protein-bound uraemic toxins and clinical outcomes in haemodialysis patients.

Intravenous lipid emulsion in clinical toxicology.

The defensive effect of benfotiamine in sodium arsenite-induced experimental vascular endothelial dysfunction.

[Study of between persistent organic pollutants (POPs) content in children vein blood and thyroid stimulating hormone (TSH) in the capacitors dismantlement area].

Arsenic induces apoptosis of human umbilical vein endothelial cells through mitochondrial pathways.

Malformation of certain brain blood vessels caused by TCDD activation of Ahr2/Arnt1 signaling in developing zebrafish.

Mitochondrial depolarization underlies delay in permeability transition by preconditioning with isoflurane: roles of ROS and Ca²⁺.

Effects of in ovo exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic AHR/ARNT-CYP1A signaling pathways in common cormorants (*Phalacrocorax carbo*).

Pulmonary artery pressure responses to increased cardiac output in chickens with raised metabolic rate.

Aldehyde dehydrogenase 2 knockout accentuates ethanol-induced cardiac depression: role of protein phosphatases.

Expression of aryl hydrocarbon receptor in human placentas and fetal tissues.

Deletion of the mitochondrial NADH kinase increases mitochondrial DNA stability and life span in the filamentous fungus *Podospora anserina*.

Preparation of mouse brain tissue for immunoelectron microscopy.

Methyl iodide poisoning presenting as a mimic of acute stroke: a case report.

Role for tyrosine kinases in contraction of rat penile small arteries.

2,3,7,8-tetrachlorodibenzo-p-dioxin increases reactive oxygen species production in human endothelial cells via induction of cytochrome P4501A1.

Dynamic zebrafish interactome reveals transcriptional mechanisms of dioxin toxicity.

Determination of escin content in androgenic embryos and hairy root culture of *Aesculus hippocastanum*.

Dioxin exposure disrupts the differentiation of mouse embryonic stem cells into cardiomyocytes.

Local maximum oxygen disappearance rate has limited utility as a measure of local renal tissue oxygen consumption.

Effect of rosiglitazone in sodium arsenite-induced experimental vascular endothelial dysfunction.

DNA microarray gene expression analysis of human vascular endothelial cells exposed to arsenite.

Lead induces the expression of endoplasmic reticulum chaperones GRP78 and GRP94 in vascular endothelial cells via the JNK-AP-1 pathway.

Intravital fluorescent microscopic evaluation of bacterial cellulose as scaffold for vascular grafts.

C-reactive protein, sodium azide, and endothelial connexin43 gap junctions.

Imaging dermal blood flow through the intact rat skin with an optical clearing method.

[Influence of mitochondrial oxidative reactions on myocardial contractility. Effects of Ni²⁺].

The selective beta1-adrenoceptor antagonist nebivolol is a potential oestrogen receptor agonist with neuroprotective abilities.

The actions of fisetin on glucose metabolism in the rat liver.

NTPDase family in zebrafish: Nucleotide hydrolysis, molecular identification and gene expression profiles in brain, liver and heart.

Oxytocin increases glucose uptake in neonatal rat cardiomyocytes.

Chitosan nanoparticle-based neuronal membrane sealing and neuroprotection following acrolein-induced cell injury.

Evaluation of mutagenicity of mebudipine, a new calcium channel blocker.

[The utility of MTT and XTT colorimetric tests in the studies conducted in vitro with *Toxoplasma gondii* tachyzoites].

The new generation of intravenous iron: chemistry, pharmacology, and toxicology of ferric carboxymaltose.

Comparison of carcinogen, carbon monoxide, and ultrafine particle emissions from narghile waterpipe and cigarette smoking: Sidestream smoke measurements and assessment of second-hand smoke emission factors.

Effect of the inosine 5'-monophosphate dehydrogenase inhibitor BMS-566419 on rat cardiac allograft rejection.

Arsenic (+ 3 oxidation state) methyltransferase and the methylation of arsenicals in the invertebrate chordate *Ciona intestinalis*.

Altered metabolisms of mediators controlling vascular function and enhanced oxidative stress in asymptomatic children with congenital portosystemic venous shunt.

Distinct regulation of insulin receptor substrate-1 and -2 by 90-kDa heat-shock protein in adrenal chromaffin cells.

Lipid oxidation and peroxidation in CNS health and disease: from molecular mechanisms to therapeutic opportunities.

[Molecular mechanism of erythromycin in the improvement of paraquat-damaged vascular endothelial cell barrier function].

[The mechanism of alleviation of paraquat induced vascular endothelial permeability by erythromycin through adenosine 3'5'-cyclic monophosphate pathway].

Rapid analysis of plasma paraquat using sodium dithionite as a predictor of outcome in acute paraquat poisoning.

Characterization of the hypothalamic-pituitary-adrenal axis response to atrazine and metabolites in the female rat.

Acrolein induces a cellular stress response and triggers mitochondrial apoptosis in A549 cells.

Vasogenic edema in striatum following ingestion of glufosinate-containing herbicide.

Effect of pesticides on cell survival in liver and brain rat tissues.

Behavioral response and kinetics of terrestrial atrazine exposure in American toads (*Bufo americanus*).

Postmortem analyses unveil the poor efficacy of decontamination, anti-inflammatory and immunosuppressive therapies in paraquat human intoxications.

Glycogen content is affected differently in acute pulmonary and extra-pulmonary lung injury.

Occupation and risk of parkinsonism: a multicenter case-control study.

Trivalent methylated arsenical-induced phosphatidylserine exposure and apoptosis in platelets may lead to increased thrombus formation.

Mortality rates among trichlorophenol workers with exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Comparative effects of the formulation of glyphosate-surfactant herbicides on hemodynamics in swine.

Long-lived ames dwarf mice are resistant to chemical stressors.

Fatal diquat intoxication.

Embryo toxicity of pesticides and heavy metals to the ramshorn snail, *Marisa cornuarietis* (Prosobranchia).

Immunohistochemical and histopathological evaluation of 2,4-dichlorophenoxyacetic acid-induced changes in rat kidney cortex.

Novel bacterial N-acetyltransferase gene for herbicide detoxification in land plants and selection marker in plant transformation.

Glutathione-S-transferase P protects against endothelial dysfunction induced by exposure to tobacco smoke.

Acrolein activates matrix metalloproteinases by increasing reactive oxygen species in macrophages.

The level and clinical significance of pancreatic enzymes in survivors of acute paraquat poisoning.

Morbidity in former sawmill workers exposed to pentachlorophenol (PCP): a cross-sectional study in New Zealand.

An effective antidote for paraquat poisonings: the treatment with lysine acetylsalicylate.

Disulfiram-like syndrome after hydrogen cyanamide professional skin exposure: two case reports in France.

Glyphosate formulations induce apoptosis and necrosis in human umbilical, embryonic, and placental cells.

Involvement of ubiquitin proteasome system in protective mechanisms of Puerarin to MPP(+)-elicited apoptosis.

Prostate cancer control and survival in Vietnam veterans exposed to Agent Orange.

Role of endoplasmic reticulum stress in acrolein-induced endothelial activation.

Influence of strain and sex on the metabolic profile of rats in repeated dose toxicological studies.

Mortality rates among workers exposed to dioxins in the manufacture of pentachlorophenol.

Intense correlation between brain infarction and protein-conjugated acrolein.

Cardiovascular responses to hydrogen peroxide into the nucleus tractus solitarius.

Chronic intermittent hypobaric hypoxia protects the heart against ischemia/reperfusion injury through upregulation of antioxidant enzymes in adult guinea pigs.

Urinary arsenic methylation capability and carotid atherosclerosis risk in subjects living in arsenicosis-hyperendemic areas in southwestern Taiwan.

Supplementation with plant extracts (carvacrol, cinnamaldehyde and capsaicin): its effects on acid-base status and productive performance in growing/finishing bull calves.

Pharmacokinetics of trifluralin in blood and heart tissue of mice.

Oxidative stress in stroke pathophysiology validation of hydrogen peroxide metabolism as a pharmacological target to afford neuroprotection.

Vascular responses to nitrite are mediated by xanthine oxidoreductase and mitochondrial aldehyde dehydrogenase in the rat.

Effects of atrazine and its withdrawal on gonadotropin-releasing hormone neuroendocrine function in the adult female Wistar rat.

Collagen- and gelatine-based films sealing vascular prostheses: evaluation of the degree of crosslinking for optimal blood impermeability.

Overexpression of catalase delays G0/G1- to S-phase transition during cell cycle progression in mouse aortic endothelial cells.

AFM and FTIR spectroscopy investigation of the inverted hexagonal phase of cardiolipin.

Lymphatic and portal vein absorption of organochlorine compounds in rats.

Local IGF-1 isoform protects cardiomyocytes from hypertrophic and oxidative stresses via SirT1 activity.

Up-regulation of Wnt5a gene expression in the nitrofen-induced hypoplastic lung.

p-Cresyl sulfate and indoxyl sulfate in hemodialysis patients.

Hypoxia and the metabolic phenotype of prostate cancer cells.

Metabolite profiling identifies candidate markers reflecting the clinical adaptations associated with Roux-en-Y gastric bypass surgery.

Arsenic exacerbates atherosclerotic lesion formation and inflammation in ApoE^{-/-} mice.

p-Cresol sulfate: further understanding of its cardiovascular disease potential in CKD.

The uremic retention solute p-cresyl sulfate and markers of endothelial damage.

Modulation of heart rate variability during severe hemorrhage at different rates in conscious rats.

Overview of developmental heart defects by dioxins, PCBs, and pesticides.

[Acute and subacute chemical pneumonitis].

Convenient headspace gas chromatographic determination of azide in blood and plasma.

Pesticides and myocardial infarction incidence and mortality among male pesticide applicators in the Agricultural Health Study.

Post-exposure treatment with nasal atropine methyl bromide protects against microinstillation inhalation exposure to sarin in guinea pigs.

Dioxin receptor deficiency impairs angiogenesis by a mechanism involving VEGF-A depletion in the endothelium and transforming growth factor-beta overexpression in the stroma.

Mortality in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin at a trichlorophenol plant in New Zealand.

Lysozyme, a mediator of sepsis that intrinsically generates hydrogen peroxide to cause cardiovascular dysfunction.

Effect of prenatal tetrandrine administration on transforming growth factor-beta1 level in the lung of nitrofen-induced congenital diaphragmatic hernia rat model.

Synthesis and preclinical evaluation of [(11)C]PAQ as a PET imaging tracer for VEGFR-2.

[Efficacy of midodrine hydrochloride in the treatment of children with vasovagal syncope].

Protein-bound toxins--update 2009.

Determination of boron distribution in rat's brain, kidney and liver.

Effects of dioxin on vascular endothelial growth factor (VEGF) production in the retina associated with choroidal neovascularization.

Prone position prevents regional alveolar hyperinflation and mechanical stress and strain in mild experimental acute lung injury.

[Model establishment of liver fibrosis in oral arsenic solution exposed mice].

Prevalence of metabolic syndrome associated with body burden levels of dioxin and related compounds among Japan's general population.

Uncouple my heart: the benefits of inefficiency.

Association between serum concentrations of persistent organic pollutants and prevalence of newly diagnosed hypertension: results from the National Health and Nutrition Examination Survey 1999-2002.

The role of the dioxin-responsive element cluster between the Cyp1a1 and Cyp1a2 loci in aryl hydrocarbon receptor biology.

Genotoxic effects of borax on cultured lymphocytes.

Pulmonary lesion induced by low and high positive end-expiratory pressure levels during protective ventilation in experimental acute lung injury.

Identification and quantification of 2',3'-cAMP release by the kidney.

Dioxin-induced toxicity on vascular remodeling of the placenta.

AHR signaling in prostate growth, morphogenesis, and disease.

Toxicology laboratory analysis and human exposure to p-chloroaniline.

Chronic health impairment due to 2,3,7,8-tetrachloro-dibenzo-p-dioxin exposure.

Novel inhibitors of HIV discovered among existing classes of pharmaceutical compounds indicated for unrelated clinical indications.

Human protein S inhibits the uptake of AcLDL and expression of SR-A through Mer receptor tyrosine kinase in human macrophages.

Hepatic and vascular mRNA expression in adult zebrafish (*Danio rerio*) following exposure to benzo-a-pyrene and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

(3R,5S,7as)-(3,5-Bis(4-fluorophenyl)tetrahydro-1H-oxazolo[3,4-c]oxazol-7a-yl)methanol, a novel neuroprotective agent.

[Assessment of mitochondrial metabolic oxidative state in living cardiomyocytes with spectrally-resolved fluorescence lifetime spectroscopy of NAD(P)H].

A single exposure to particulate or gaseous air pollution increases the risk of aconitine-induced cardiac arrhythmia in hypertensive rats.

Vasopressin and sympathetic systems mediate the cardiovascular effects of the GABAergic system in the bed nucleus of the stria terminalis.

Changes of gentiopicroside synthesis during somatic embryogenesis in *Gentiana macrophylla*.

Glycome and transcriptome regulation of vasculogenesis.

Hemangiomas, angiosarcomas, and vascular malformations represent the signaling abnormalities of pathogenic angiogenesis.

The role of P-glycoprotein in intestinal transport versus the BBB transport of tetraphenylphosphonium.

M-LDH physically associated with sarcolemmal K ATP channels mediates cytoprotection in heart embryonic H9C2 cells.

Inhibition of extracellular matrix assembly induces the expression of osteogenic markers in skeletal muscle cells by a BMP-2 independent mechanism.

Taurine prevents arsenic-induced cardiac oxidative stress and apoptotic damage: role of NF-kappa B, p38 and JNK MAPK pathway.

Reduced arsenic clearance and increased toxicity in aquaglyceroporin-9-null mice.

A unique micromechanocalorimeter for simultaneous measurement of heat rate and force production of cardiac trabeculae carnaeae.

Comparing the role of glutathione-S-transferase and mitochondrial aldehyde dehydrogenase in nitroglycerin biotransformation and the correlation with calcitonin gene-related peptide.

Chronic low-level arsenic exposure causes gender-specific alterations in locomotor activity, dopaminergic systems, and thioredoxin expression in mice.

Relevance of the aryl hydrocarbon receptor (AhR) for clinical toxicology.

Distinct roles of two zebrafish AHR repressors (AHRRa and AHRRb) in embryonic development and regulating the response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Relative developmental toxicity of glycol ether alkoxy acid metabolites in the embryonic stem cell test as compared with the in vivo potency of their parent compounds.

Reactive oxygen species as cardiovascular mediators: lessons from endothelial-specific protein overexpression mouse models.

Oral charcoal adsorbent (AST-120) prevents progression of cardiac damage in chronic kidney disease through suppression of oxidative stress.

Lipopolysaccharide-induced apoptosis in transformed bovine brain endothelial cells and human dermal microvessel endothelial cells: the role of JNK.

Biological safety of LipoFullerene composed of squalane and fullerene-C60 upon mutagenesis, photocytotoxicity, and permeability into the human skin tissue.

Glucose 6-phosphate dehydrogenase is regulated through c-Src-mediated tyrosine phosphorylation in endothelial cells.

Pedocin A modulates intestinal microflora metabolism in swine in vitro intestinal fermentations.

Bed nucleus of the stria terminalis N-methyl-D-aspartate receptors and nitric oxide modulate the baroreflex cardiac component in unanesthetized rats.

Persistent adverse effects on health and reproduction caused by exposure of zebrafish to 2,3,7,8-tetrachlorodibenzo-p-dioxin during early development and gonad differentiation.

Preliminary results of small arterial substitute performed with a new cylindrical biomaterial composed of bacterial cellulose.

Chicken embryo cardiomyocyte cultures--a new approach for studying effects of halogenated aromatic hydrocarbons in the avian heart.

Role of the bed nucleus of the stria terminalis in the cardiovascular responses to acute restraint stress in rats.

Endothelium-dependent cerebral artery dilation mediated by TRPA1 and Ca²⁺-Activated K⁺ channels.

Aldose reductase decreases endoplasmic reticulum stress in ischemic hearts.

GABA and nitric oxide in the PVN are involved in arterial pressure control but not in the chemoreflex responses in rats.

Studies on histopathological changes in the gill, liver and kidney of *Channa punctatus* (Bloch) exposed to Alachlor.

Experimental study of the tissue reaction caused by the presence of cellulose produced by *Acetobacter xylinum* in the nasal dorsum of rabbits.

Expression and transcriptional regulation of ABC transporters and cytochromes P450 in hCMEC/D3 human cerebral microvascular endothelial cells.

Developmental mechanisms of arsenite toxicity in zebrafish (*Danio rerio*) embryos.

The use of microelectrode array (MEA) to study the protective effects of potassium channel openers on metabolically compromised HL-1 cardiomyocytes.

Hypergravity induces ATP release and actin reorganization via tyrosine phosphorylation and RhoA activation in bovine endothelial cells.

Refractory cardiopulmonary failure after glyphosate surfactant intoxication: a case report.

Arabinoxylan-oligosaccharides (AXOS) affect the protein/carbohydrate fermentation balance and microbial population dynamics of the Simulator of Human Intestinal Microbial Ecosystem.

The role of polyamine metabolism in neuronal injury following cerebral ischemia.

MudPIT analysis: application to human heart tissue.

Role of the cyclooxygenase 2-thromboxane pathway in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced decrease in mesencephalic vein blood flow in the zebrafish embryo.

Oxidative stress biomarkers and heart function in bullfrog tadpoles exposed to Roundup Original.

Acrolein oxidizes the cytosolic and mitochondrial thioredoxins in human endothelial cells.

Effect of butachlor on antioxidant enzyme status and lipid peroxidation in fresh water African catfish, (*Clarias gariepinus*).

Biochemical effects of clomazone herbicide on piava (*Leporinus obtusidens*).

Individual and joint toxic effects of pentachlorophenol and bisphenol A on the development of zebrafish (*Danio rerio*) embryo.

Acute alachlor and butachlor herbicide poisoning.

Cilostazol inhibits oxidative stress-induced premature senescence via upregulation of Sirt1 in human endothelial cells.

[Change of JNK and c-Jun in lung injury associated with paraquat poisoning of rats].

Comparison of a pulsatile blood pump and a peristaltic roller pump during hemoperfusion treatment in a canine model of paraquat poisoning.

Hemoperfusion using dual pulsatile pump in paraquat poisoning.

Severe acute poisoning due to a glufosinate containing preparation without mitochondrial involvement.

Comparing growth development of *Myriophyllum* spp. in laboratory and field experiments for ecotoxicological testing.

Acrolein consumption exacerbates myocardial ischemic injury and blocks nitric oxide-induced PKCepsilon signaling and cardioprotection.

Acrolein induces inflammatory response underlying endothelial dysfunction: a risk factor for atherosclerosis.

The early prognostic factors of glyphosate-surfactant intoxication.

A fatal intoxication from ingestion of 2-methyl-4-chlorophenoxyacetic acid (MCPA).

Differential phosphorylation of translation initiation regulators 4EBP1, S6k1, and Erk 1/2 following inhibition of alcohol metabolism in mouse heart.

Perturbation of organogenesis by the herbicide atrazine in the amphibian *Xenopus laevis*.

Activation of aldehyde dehydrogenase-2 reduces ischemic damage to the heart.

Plasma acrolein levels and their association with delayed ischemic neurological deficits following aneurysmal subarachnoid haemorrhage: a pilot study.

Prostaglandins inhibit cytochrome P450 4A activity and contribute to endotoxin-induced hypotension in rats via nitric oxide production.

Tolerance to disulfiram induced by chronic alcohol intake in the rat.

Oxidative stress as a biomarker of respiratory disturbance in patients with severe motor and intellectual disabilities.

Spatial distribution of cytosolic NADP(+)-isocitrate dehydrogenase in pine embryos and seedlings.

Hydrogen peroxide potentiates the EDHF phenomenon by promoting endothelial Ca²⁺ mobilization.

Inhibition of aldehyde dehydrogenase type 2 attenuates vasodilatory action of nitroglycerin in human veins.

Loss of tafazzin in yeast leads to increased oxidative stress during respiratory growth.

Effects of cinnamaldehyde on PGE₂ release and TRPV4 expression in mouse cerebral microvascular endothelial cells induced by interleukin-1β.

Identification of the major arsenic-binding protein in rat plasma as the ternary dimethylarsinous-hemoglobin-haptoglobin complex.

Opposing effects of coupled and uncoupled NOS activity on the Na⁺-K⁺ pump in cardiac myocytes.

Distribution and function of the hydrogen sulfide-sensitive TRPA1 ion channel in rat urinary bladder.

Development of a human physiologically based pharmacokinetic (PBPK) model for inorganic arsenic and its mono- and di-methylated metabolites.

Complex I is the major site of mitochondrial superoxide production by paraquat.

Bed nucleus of the stria terminalis α₁-adrenoceptor modulates baroreflex cardiac component in unanesthetized rats.

Hypertension, cardiac hypertrophy, and impaired vascular relaxation induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin are associated with increased superoxide.

Aryl hydrocarbon receptor-mediated down-regulation of *sox9b* causes jaw malformation in zebrafish embryos.

Carbamylated low-density lipoprotein induces proliferation and increases adhesion molecule expression of human coronary artery smooth muscle cells.

Dioxins and cardiovascular disease mortality.

New insights into uremic toxicity.

Embryo toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin to the wood duck (*Aix sponsa*).

Abnormal liver development and resistance to 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in mice carrying a mutation in the DNA-binding domain of the aryl hydrocarbon receptor.

Transposition of the great arteries.

Potassium fluxes, energy metabolism, and oxygenation in intact diabetic rat hearts under normal and stress conditions.

Release kinetics of intact and degraded troponin I and T after irreversible cell damage.

Perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure sensitizes offspring to angiotensin II-induced hypertension.

An enhanced postnatal autoimmune profile in 24 week-old C57BL/6 mice developmentally exposed to TCDD.

Environmental exposures and adverse pregnancy outcomes: a review of the science.

NKCC-1 and ENaC are down-regulated in nitrofen-induced hypoplastic lungs with congenital diaphragmatic hernia.

Association of polychlorinated biphenyls with hypertension in the 1999-2002 National Health and Nutrition Examination Survey.

Nonadditive effects of PAHs on Early Vertebrate Development: mechanisms and implications for risk assessment.

Effect of bis (maltolato) oxovanadium (BMOV) in uric acid and sodium arsenite-induced vascular endothelial dysfunction in rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure prevents cardiac valve formation in developing zebrafish.

Mitochondrial translocation of alpha-synuclein is promoted by intracellular acidification.

Polychlorinated biphenyl-77 induces adipocyte differentiation and proinflammatory adipokines and promotes obesity and atherosclerosis.

CYP1A/regucalcin gene expression and edema formation in zebrafish embryos exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

[Headache caused by pesticides--a review of the literature].

Metabolic flexibility permits mesenchymal stem cell survival in an ischemic environment.

Free p-cresol is associated with cardiovascular disease in hemodialysis patients.

The preparation and characterization of anti-VEGFR2 conjugated, paclitaxel-loaded PLLA or PLGA microspheres for the systemic targeting of human prostate tumors.

An improved system for exposure of cultured mammalian cells to gaseous compounds in the chromosomal aberration assay.

Comparative genomics identifies genes mediating cardiotoxicity in the embryonic zebrafish heart.

[Effect of hemin on the lung development and pulmonary arterial structural remodeling in congenital diaphragmatic hernia: experiment with rats].

[Analytic role in clinical toxicology--impact on the diagnosis and treatment of a poisoned patient].

Perinatal profile of ventricular overload markers in congenital diaphragmatic hernia.

Medullary pathways mediating the parasubthalamic nucleus depressor response.

Mortality in a population exposed to dioxin after the Seveso, Italy, accident in 1976: 25 years of follow-up.

Microvascular free-tissue transfer for head and neck reconstruction in Jehovah's Witness patients.

Removal of the uremic retention solute p-cresol using fractionated plasma separation and adsorption.

Arsenic-induced oxidative myocardial injury: protective role of arjunolic acid.

Aryl hydrocarbon receptor targets pathways extrinsic to bone marrow cells to enhance neutrophil recruitment during influenza virus infection.

Cardiovascular effects of L-glutamate injected in the medial prefrontal cortex of spontaneously hypertensive rats.

Downregulation of GATA4 and GATA6 in the heart of rats with nitrofen-induced diaphragmatic hernia.

Identification and biochemical characterization of a novel ryanodine receptor gene mutation associated with malignant hyperthermia.

In utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure: effects on fetal and adult cardiac gene expression and adult cardiac and renal morphology.

Presentations of patients of poisoning and predictors of poisoning-related fatality: findings from a hospital-based prospective study.

Acute induction of epileptiform discharges by pilocarpine in the in vitro isolated guinea-pig brain requires enhancement of blood-brain barrier permeability.

[Outdoor work-related health hazards].

Anemia management in peritoneal dialysis patients: can an iron supplement maintain a normal transferrin saturation and hemoglobin level?

The connection between C-reactive protein and atherosclerosis.

C-reactive protein induces endothelial cell apoptosis and matrix metalloproteinase-9 production in human mononuclear cells: Implications for the destabilization of atherosclerotic plaque.

A single administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin that produces reduced food and water intake induces long-lasting expression of corticotropin-releasing factor, arginine vasopressin, and proopiomelanocortin in rat brain.

Glutathione regulation in arsenic-induced porcine aortic endothelial cells.

Evaluation of polychlorinated biphenyl remediation at a superfund site using tree swallows (*Tachycineta bicolor*) as indicators.

Release of volatile organic compounds (VOCs) from the lung cancer cell line CALU-1 in vitro.

[Disturbances in the function of cardiomyocyte ryanodine receptors of spontaneously hypertensive rats revealed by 4-chloro-m-cresol].

A tandem MS precursor-ion scan approach to identify variable covalent modification of albumin Cys34: a new tool for studying vascular carbonylation.

Embryotoxicity hazard assessment of cadmium and arsenic compounds using embryonic stem cells.

Arsenite but not arsenate inhibits general proteoglycan synthesis in cultured arterial smooth muscle cells.

Arsenic-induced decreases in the vascular matrix.

Cytokine-induced arginase activity in pulmonary endothelial cells is dependent on Src family tyrosine kinase activity.

Potent induction of total cellular and mitochondrial antioxidants and phase 2 enzymes by cruciferous sulforaphane in rat aortic smooth muscle cells: cytoprotection against oxidative and electrophilic stress.

Exposure of laboratory mice to domestic cooking gas: implications for toxicity.

Formocresol blood levels in children receiving dental treatment under general anesthesia.

Synthesis and in vivo evaluation of novel PET radioligands for imaging the endothelin-A receptor.

Study of the effect of SH-groups on respiration and swelling of rat heart mitochondria.

Tracheal inflammatory response to bacterial cellulose dressing after surgical scarification in rabbits.

O(2)-sensing signal cascade: clamping of O(2) respiration, reduced ATP utilization, and inducible fumarate respiration.

Ghrelin infused into the portal vein inhibits glucose-stimulated insulin secretion in Wistar rats.

Relaxations to beta-adrenoceptor subtype selective agonists in wild-type and NOS-3-KO mouse mesenteric arteries.

Vascular leakage induced by exposure to arsenic via increased production of NO, hydroxyl radical and peroxynitrite.

Molecular mechanisms of p21 and p27 induction by 3-methylcholanthrene, an aryl-hydrocarbon receptor agonist, involved in antiproliferation of human umbilical vascular endothelial cells.

Unsaturated lipid peroxidation-derived aldehydes activate autophagy in vascular smooth-muscle cells.

Variability of enzyme system of Nocardioform bacteria as a basis of their metabolic activity.

The concept of neurogenic inflammation.

Sodium azide, a bacteriostatic preservative contained in commercially available laboratory reagents, influences the responses of human platelets via the cGMP/PKG/VASP pathway.

Neuroendocrine and behavioral effects of embryonic exposure to endocrine disrupting chemicals in birds.

E-NTPDases and ecto-5'-nucleotidase expression profile in rat heart left ventricle and the extracellular nucleotide hydrolysis by their nerve terminal endings.

Cytochrome P4501A1 expression, polychlorinated biphenyls and hydroxylated metabolites, and adipocyte size of bottlenose dolphins from the Southeast United States.

Arsenic as an endocrine disruptor: arsenic disrupts retinoic acid receptor- and thyroid hormone receptor-mediated gene regulation and thyroid hormone-mediated amphibian tail metamorphosis.

Perinatal dioxin exposure, cytochrome P-450 activity, liver functions and thyroid hormones at follow-up after 7-12 years.

Hypothermic injury: the mitochondrial calcium, ATP and ROS love-hate triangle out of balance.

Involvement of reduced folate carrier 1 in the inner blood-retinal barrier transport of methyltetrahydrofolate.

Heterogeneous gene expression and functional activity of ryanodine receptors in resistance and conduit pulmonary as well as mesenteric artery smooth muscle cells.

Chemical hypoxia-induced glucose transporter-4 translocation in neonatal rat cardiomyocytes.

P-glycoprotein-mediated efflux of phenobarbital at the blood-brain barrier evidence from transport experiments in vitro.

Impaired VEGF and nitric oxide signaling after nitrofen exposure in rat fetal lung explants.

Fetal poisoning after maternal paraquat ingestion during third trimester of pregnancy: case report and literature review.

Insulin-like growth factor I deficiency prolongs survival and antagonizes paraquat-induced cardiomyocyte dysfunction: role of oxidative stress.

Mechanisms of acrolein-induced myocardial dysfunction: implications for environmental and endogenous aldehyde exposure.

Targeted disruption of the glutaredoxin 1 gene does not sensitize adult mice to tissue injury induced by ischemia/reperfusion and hyperoxia.

[Effects of high dose ambroxol on lung injury induced by paraquat in rats].

Trifluralin toxicity in a Chagas disease mouse model.

Pesticide poisoning.

Cardiovascular effects of herbicides and formulated adjuvants on isolated rat aorta and heart.

An unusual toxic cause of hemolytic-uremic syndrome.

Full survival of paraquat-exposed rats after treatment with sodium salicylate.

Effect of the herbicide flumioxazin on photosynthetic performance of grapevine (*Vitis vinifera* L.).

Paraquat-induced oxidative stress and dysfunction of cellular redox systems including antioxidative defense enzymes glutathione peroxidase and thioredoxin reductase.

Lipid oxidation products and oxidized low-density lipoproteins impair platelet-derived growth factor receptor activity in smooth muscle cells: implication in atherosclerosis.

VIP is a transcriptional target of Nurr1 in dopaminergic cells.

Acute antihypertensive action of Tempol in the spontaneously hypertensive rat.

Oxidative damage in age-related macular degeneration.

Reactive aldehyde modification of thioredoxin-1 activates early steps of inflammation and cell adhesion.

[Quantitative study of effects of cinnamaldehyde on levels of endotoxin in root canals in rats' periapical periodontitis model].

Acrolein induces cyclooxygenase-2 and prostaglandin production in human umbilical vein endothelial cells: roles of p38 MAP kinase.

Prostacyclin prevents pulmonary endothelial cell apoptosis induced by cigarette smoke.

Antiplatelet and antithrombotic activities of essential oil from wild *Ocotea quixos* (Lam.) Kosterm. (Lauraceae) calices from Amazonian Ecuador.

Cinnamaldehyde reduction of platelet aggregation and thrombosis in rodents.

Formation of an adduct between insulin and the toxic lipoperoxidation product acrolein decreases both the hypoglycemic effect of the hormone in rat and glucose uptake in 3T3 adipocytes.

Somatic embryogenesis in peach palm using the thin cell layer technique: induction, morpho-histological aspects and AFLP analysis of somaclonal variation.

Adipokinetic hormone-induced enhancement of antioxidant capacity of *Pyrrhocoris apterus* hemolymph in response to oxidative stress.

Modification by acrolein, a component of tobacco smoke and age-related oxidative stress, mediates functional impairment of human apolipoprotein E.

[Structure-activity relationship of phenylallyl compounds inhibiting PGE₂ release in mouse cerebral microvascular endothelial cells induced by IL-1 β].

Endogenous hydrogen peroxide in paraventricular nucleus mediating cardiac sympathetic afferent reflex and regulating sympathetic activity.

Simple quantitative detection of mitochondrial superoxide production in live cells.

Is the titer of adipokinetic peptides in *Leptinotarsa decemlineata* fed on genetically modified potatoes increased by oxidative stress?

The SERK1 gene is expressed in procambium and immature vascular cells.

Pharmacokinetics of 3-[125I]iodo-alpha-methyl-L-tyrosine, a tumor imaging agent, after probenecid loading in mice implanted with colon cancer DLD-1 cells.

Role of AHR2 in the expression of novel cytochrome P450 1 family genes, cell cycle genes, and morphological defects in developing zebra fish exposed to 3,3',4,4',5-pentachlorobiphenyl or 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[The etiology of congenital diaphragmatic hernia and esophageal atresia: the Hox genes].

Arsenic neurotoxicity--a review.

Effect of antenatal tetrandrine administration on endothelin-1 and epidermal growth factor levels in the lungs of rats with experimental diaphragmatic hernia.

Serum profiles of PCDDs and PCDFs, in individuals near the Escambia Wood Treating Company Superfund site in Pensacola, FL.

2,3,7,8-TCDD exposure, endothelial dysfunction and impaired microvascular reactivity.

Relationship between serum concentrations of persistent organic pollutants and the prevalence of metabolic syndrome among non-diabetic adults: results from the National Health and Nutrition Examination Survey 1999-2002.

Arsenic exposure in pregnant mice disrupts placental vasculogenesis and causes spontaneous abortion.

Embryonic essential myosin light chain regulates fetal lung development in rats.

Association between serum concentrations of persistent organic pollutants and self-reported cardiovascular disease prevalence: results from the National Health and Nutrition Examination Survey, 1999-2002.

Fetal tracheal occlusion for the treatment of congenital diaphragmatic hernia.

Workshop overview: arsenic research and risk assessment.

Hostility, anger, and depression predict increases in C3 over a 10-year period.

Experimental investigation of the role of endothelin-1 in idiopathic portal hypertension.

Dihydroartemisinin exerts cytotoxic effects and inhibits hypoxia inducible factor-1alpha activation in C6 glioma cells.

A randomised placebo-controlled trial to determine the effect of iron supplementation on pregnancy outcome in pregnant women with haemoglobin \geq 13.2 g/dl.

Induction of cyp1a1 is a nonspecific biomarker of aryl hydrocarbon receptor activation: results of large scale screening of pharmaceuticals and toxicants in vivo and in vitro.

Ketone bodies alter dinitrophenol-induced glucose uptake through AMPK inhibition and oxidative stress generation in adult cardiomyocytes.

Serum monocyte chemotactic protein-1 levels in congenital diaphragmatic hernia.

Pro-angiogenesis action of arsenic and its reversal by selenium-derived compounds.

Activation of protein kinase C and disruption of endothelial monolayer integrity by sodium arsenite-- Potential mechanism in the development of atherosclerosis.

In utero arsenic exposure induces early onset of atherosclerosis in ApoE^{-/-} mice.

Long-term effects of subcutaneously injected 2,3,7,8-tetrachlorodibenzo-p-dioxin on the liver of rhesus monkeys.

[Effect of tetrandrine on endothelin expression in the lungs and clinical significance thereof: experiment with rat models with nitrofen-induced congenital diaphragmatic hernia].

Rationale and design of the IRON-HF study: a randomized trial to assess the effects of iron supplementation in heart failure patients with anemia.

Neurological and neurophysiological examinations on workers with chronic poisoning by 2,3,7,8-TCDD: follow-up 35 years after exposure.

P-cresylsulphate, the main in vivo metabolite of p-cresol, activates leucocyte free radical production.

Arsenic methylation capability and hypertension risk in subjects living in arseniasis-hyperendemic areas in southwestern Taiwan.

[Sodium azide--clinical course of the poisoning and treatment].

Analgesic, antipyretic and anti-inflammatory properties of *Mezoneuron benthamianum* Baill (Caesalpiniaceae).

Arsenic methylation, urinary arsenic metabolites and human diseases: current perspective.

Is any link between inflammation and coronary artery ectasia?

Involvement of substance P and neurogenic inflammation in arsenic-induced early vascular dysfunction.

Taurine release in mouse brain stem slices under cell-damaging conditions.

In vitro utilization of ferromagnetic nanoparticles in hemodialysis therapy.

A critical comparison of murine pathology and epidemiological data of TCDD, PCB126, and PeCDF.

Constitutive mRNA expression of various glutathione S-transferase isoforms in different tissues of mice.

Dioxin affects glucose transport via the arylhydrocarbon receptor signal cascade in pluripotent embryonic carcinoma cells.

Biochemical characterization of ecto-nucleotide pyrophosphatase/phosphodiesterase (E-NPP, E.C. 3.1.4.1) from rat heart left ventricle.

Constitutive expression and inducibility of CYP1A1 in the H9c2 rat cardiomyoblast cells.

Uridine-5'-triphosphate (UTP) maintains cardiac mitochondrial function following chemical and hypoxic stress.

Platelet-endothelial cell adhesion molecule-1-directed endothelial targeting of superoxide dismutase alleviates oxidative stress caused by either extracellular or intracellular superoxide.

Exposure to arsenic at levels found in U.S. drinking water modifies expression in the mouse lung.

Increased Ca²⁺ storage capacity of the skeletal muscle sarcoplasmic reticulum of transgenic mice over-expressing membrane bound calcium binding protein junctate.

Age-dependent telomere-shortening is repressed by phosphorylated alpha-tocopherol together with cellular longevity and intracellular oxidative-stress reduction in human brain microvascular endotheliocytes.

Polychlorinated biphenyls alter the expression of endothelial nitric oxide synthase mRNA in human umbilical vein endothelial cells.

Contaminants in fish: risk-benefit considerations.

Potentiating effect of an endocrine disruptor, paronylphenol, on the generation of reactive oxygen species (ROS) in human venous blood -- association with the activation of signal transduction pathway.

An angiotensin II type-I receptor blocker, olmesartan medoxomil, attenuates lipid peroxidation in renal injury induced by subtotal nephrectomy.

Src family tyrosine kinases mediate contraction of rat isolated tail arteries in response to a hyposmotic stimulus.

Modulation of TASK-like background potassium channels in rat arterial chemoreceptor cells by intracellular ATP and other nucleotides.

Horse heart myoglobin catalyzes the H₂O₂-dependent oxidative dehalogenation of chlorophenols to DNA-binding radicals and quinones.

Hemodynamic consequences of chronic parasympathetic blockade with a peripheral muscarinic antagonist.

Current role of liquid chromatography-mass spectrometry in clinical and forensic toxicology.

SCL-GFP transgenic zebrafish: in vivo imaging of blood and endothelial development and identification of the initial site of definitive hematopoiesis.

A proteomics approach to identify the ubiquitinated proteins in mouse heart.

Intravenous versus oral iron supplementation in peritoneal dialysis patients.

Sirt1 regulates aging and resistance to oxidative stress in the heart.

Characterization of the relaxant response to N,N'-dipropyl-1,2-bis(2,6-dichloro-4-hydroxyphenyl)ethylenediamine in porcine coronary arteries.

Resveratrol increases vascular oxidative stress resistance.

[Relationship between 5,10-methylenetetrahydrofolate reductase genetic polymorphism and arsenic metabolism].

[Mechanisms underlying enhanced vasodilator responses to various vasodilator agents following endothelium removal in rat mesenteric resistance arteries].

Defects in ordered aggregates of cardiolipin visualized by atomic force microscopy.

Cigarette smoking as a risk factor for atherosclerosis and renal disease: novel pathogenic insights.

Cloning, purification, and identification of the liver canalicular ecto-ATPase as NTPDase8.

Histological observation of somatic embryogenesis from cultured embryos of *Quercus variabilis* Bl.

Expression and activity of arsenic methyltransferase Cyt19 in rat tissues.

The anti-apoptotic activity of albumin for endothelium is mediated by a partially cryptic protein domain and reduced by inhibitors of G-coupled protein and PI-3 kinase, but is independent of radical scavenging or bound lipid.

Biomarkers for oxidative stress: clinical application in pediatric medicine.

Aryl hydrocarbon receptor activation impairs extracellular matrix remodeling during zebra fish fin regeneration.

Lipoic acid as a novel treatment for Alzheimer's disease and related dementias.

Acrolein induces vasodilatation of rodent mesenteric bed via an EDHF-dependent mechanism.

A model of hemorrhagic cystitis induced with acrolein in mice.

Health status of Army Chemical Corps Vietnam veterans who sprayed defoliant in Vietnam.

Effects of antifouling biocides to the germination and growth of the marine macroalga, *Hormosira banksii* (Turner) Desicaine.

Kinetics of paraquat in the isolated rat lung: Influence of sodium depletion.

Acute paraquat poisoning: report of a survival case following intake of a potential lethal dose.

Evaluation of an ex vivo murine local lymph node assay: multiple endpoint comparison.

Protective effects of N-acetylcysteine treatment post acute paraquat intoxication in rats and in human lung epithelial cells.

[Influence of ambroxol on paraquat-induced lung tissue injury and change of pulmonary surfactant-associated protein A in the experimental rats].

[Effect of baicalin on expression of heme oxygenase-1 in lung injury of rats associated with paraquat poisoning].

Toxicity of the norflurazon to the aquatic macrophyte *Vallisneria americana* (Michx.).

Toxic actions of dinoseb in medaka (*Oryzias latipes*) embryos as determined by in vivo ³¹P NMR, HPLC-UV and ¹H NMR metabolomics.

Acrolein produces nitric oxide through the elevation of intracellular calcium levels to induce apoptosis in human umbilical vein endothelial cells: implications for smoke angiopathy.

Mortality from ischemic heart disease and diabetes mellitus (type 2) in four U.S. wheat-producing states: a hypothesis-generating study.

Can early hemodialysis affect the outcome of the ingestion of glyphosate herbicide?

[Fatal poisoning caused by the ingestion of a concentrated solution of 2,4-D and MCPP].

Peroxiredoxin 6 gene-targeted mice show increased lung injury with paraquat-induced oxidative stress.

Decrease in NADPH-cytochrome P450 reductase activity of the human heart, Liver and lungs in the presence of alpha-lipoic acid.

Comparing ecological risks of pesticides: the utility of a Risk Quotient ranking approach across refinements of exposure.

Growth rate effects, responses of antioxidant enzymes and metabolic fate of the herbicide Propanil in the aquatic plant *Lemna minor*.

Effect of plasma homocysteine level and urinary monomethylarsonic acid on the risk of arsenic-associated carotid atherosclerosis.

Cinnamaldehyde reduces IL-1beta-induced cyclooxygenase-2 activity in rat cerebral microvascular endothelial cells.

[Effect of hypericum perforatum on preventing acute injury of rat pulmonary microvascular endothelial cells induced by paraquat].

[Therapeutic effect of somatostatin on acute respiratory distress syndrome in experimental rats].

Lisinopril ameliorates paraquat-induced lung fibrosis.

Treatment of experimental chronic chagas disease with trifluralin.

Acrolein generation stimulates hypercontraction in isolated human blood vessels.

Gravitropic plant growth regulation and ethylene: an unsought cardinal coordinate for a disused model.

Cinnamaldehyde induces endothelium-dependent and -independent vasorelaxant action on isolated rat aorta.

2-methoxycinnamaldehyde reduces IL-1beta-induced prostaglandin production in rat cerebral endothelial cells.

Methods for assessing the toxicity of herbicides to submersed aquatic plants.

[Effect of 2-methoxycinnamaldehyde on activity of COX and PGE2 release in cerebral microvascular endothelial cells stimulated by IL-1].

Hydralazine rescues PC12 cells from acrolein-mediated death.

Paraquat-induced lipid peroxidation: effects of ovariectomy and estrogen receptor antagonist.

Contractile mechanisms coupled to TRPA1 receptor activation in rat urinary bladder.

Cytosolic and localized inhibition of phosphodiesterase by atrazine in swine tissue homogenates.

Somatic embryogenesis in wild relatives of cotton (*Gossypium* Spp.).

Hypokalemia potentiates ouabain's effect on calcium cycling and cardiac growth.

Developmental toxicity of 4-ring polycyclic aromatic hydrocarbons in zebrafish is differentially dependent on AH receptor isoforms and hepatic cytochrome P4501A metabolism.

Cardiovascular responses produced by central injection of hydrogen peroxide in conscious rats.

Spatial and temporal expression of glucocorticoid, retinoid, and thyroid hormone receptors is not altered in lungs of congenital diaphragmatic hernia.

Folate and arsenic metabolism: a double-blind, placebo-controlled folic acid-supplementation trial in Bangladesh.

Covariation of psychological attributes and incident coronary heart disease in U.S. Air Force veterans of the Vietnam war.

Blocking expression of AHR2 and ARNT1 in zebrafish larvae protects against cardiac toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The uremic solute p-cresol decreases leukocyte transendothelial migration in vitro.

The therapeutic effect of tissue cultured root of wild *Panax ginseng* C.A. Mayer on spermatogenic disorder.

Myocardium expression of connexin 43, SERCA2a, and myosin heavy chain isoforms are preserved in nitrofen-induced congenital diaphragmatic hernia rat model.

Association of 24-hour activity levels with the clinical severity of chronic venous disease.

Connexin 43 gene expression in mice with cardiopulmonary developmental defects.

Ah receptor: dioxin-mediated toxic responses as hints to deregulated physiologic functions.

Decreased nitric oxide production in the rat brain after chronic arsenic exposure.

The constitutively active Ah receptor (CA-Ahr) mouse as a potential model for dioxin exposure--effects in vital organs.

Angiotensin-converting enzyme inhibitors slow recovery from anemia following cardiac surgery.

Lung morphology after late fetal tracheal ligation in rats.

Proinflammatory changes in human umbilical cord vein endothelial cells can be induced neither by native nor by modified CRP.

The binding of 2,4-dinitrophenol to wild-type and amyloidogenic transthyretin.

Adverse health effects in humans exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

[Thyroid C cells are decreased in experimental CDH].

NTP technical report on the toxicology and carcinogenesis studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (CAS No. 1746-01-6) in female Harlan Sprague-Dawley rats (Gavage Studies).

Clinical and experimental applications of NIR-LED photobiomodulation.

NADPH oxidase in the renal medulla causes oxidative stress and contributes to salt-sensitive hypertension in Dahl S rats.

Depletion of cardiolipin and cytochrome c during ischemia increases hydrogen peroxide production from the electron transport chain.

Dietary intake of differently fed salmon: a preliminary study on contaminants.

Elevation of circulating endothelial microparticles in patients with chronic renal failure.

Depletion of securin increases arsenite-induced chromosome instability and apoptosis via a p53-independent pathway.

Transactivation of fetal liver kinase-1/kinase-insert domain-containing receptor by lysophosphatidylcholine induces vascular endothelial cell proliferation.

External heart deformities in passerine birds exposed to environmental mixtures of polychlorinated biphenyls during development.

Vitamin A improves Pax3 expression that is decreased in the heart of rats with experimental diaphragmatic hernia.

Sympathetic and parasympathetic component of bradycardia triggered by stimulation of NTS P2X receptors.

Polychlorinated biphenyls (PCBs): routes of exposure and effects on human health.

Molecular mechanisms of 2,3,7,8-tetrachlorodibenzo-p-dioxin cardiovascular embryotoxicity.

Effects of 2,4-dinitrophenol on ischemia-induced blood-brain barrier disruption.

CXCL12 is displayed by rheumatoid endothelial cells through its basic amino-terminal motif on heparan sulfate proteoglycans.

Treatment for simple plantar verrucae: monochloroacetic acid and 10% formaldehyde versus 10% formaldehyde alone.

A cluster of hypoplastic left heart malformation in Baltimore, Maryland.

Understanding dioxin developmental toxicity using the zebrafish model.

Expression of Connexin 43 in the hearts of rat embryos exposed to nitrofen and effects of vitamin A on it.

Mechanism of 3-deazaguanine transport in the rat heart.

A study of soluble HLA-G1 protecting porcine endothelial cells against human natural killer cell-mediated cytotoxicity.

ATM/ATR-related checkpoint signals mediate arsenite-induced G2/M arrest in primary aortic endothelial cells.

Role of the medial prefrontal cortex in cardiovascular responses to acute restraint in rats.

Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in developing red seabream (*Pagrus major*) embryo: an association of morphological deformities with AHR1, AHR2 and CYP1A expressions.

K⁺ transport and energetics in Kir6.2(-/-) mouse hearts assessed by 87Rb and 31P magnetic resonance and optical spectroscopy.

Cytotoxic effects of S-(dimethylarsino)-glutathione: a putative intermediate metabolite of inorganic arsenicals.

Protective effect of NADP-isocitrate dehydrogenase on the paraquat-mediated oxidative inactivation of aconitase in heart mitochondria.

Toxicology and carcinogenesis studies of a mixture of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (Cas No. 1746-01-6), 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4), and 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) in female Harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4) in female Harlan Sprague-Dawley rats (gavage studies).

Effect of sodium azide on the metabolic activity of cultured fetal cells.

The novel Src kinase inhibitor M475271 inhibits VEGF-induced vascular endothelial-cadherin and beta-catenin phosphorylation but increases their association.

Roles of cellular activation and sulfated glycans in *Haemophilus somnus* adherence to bovine brain microvascular endothelial cells.

Effect of physical exertion on the biological monitoring of exposure of various solvents following exposure by inhalation in human volunteers: I. Toluene.

C-Reactive protein upregulates receptor for advanced glycation end products expression in human endothelial cells.

Cigarette smoke toxicants alter growth and survival of cultured mammalian cells.

Effects of sulfonylureas on mitochondrial ATP-sensitive K⁺ channels in cardiac myocytes: implications for sulfonylurea controversy.

Anti-androgenic activity of 3-methyl-4-nitrophenol in diesel exhaust particles.

Aryl hydrocarbon receptor activation produces heart-specific transcriptional and toxic responses in developing zebrafish.

The role of the aryl hydrocarbon receptor pathway in mediating synergistic developmental toxicity of polycyclic aromatic hydrocarbons to zebrafish.

Pollutant particles enhanced H₂O₂ production from NAD(P)H oxidase and mitochondria in human pulmonary artery endothelial cells.

Arsenite increases vasoconstrictor reactivity in rat blood vessels: role of endothelial nitric oxide function.

Hypoxic vasoconstriction of partial muscular intra-acinar pulmonary arteries in murine precision cut lung slices.

Horse chestnut extract induces contraction force generation in fibroblasts through activation of Rho/Rho kinase.

Sodium azide in commercially available C-reactive protein preparations does not influence matrix metalloproteinase-2 synthesis and release in cultured human aortic vascular smooth muscle cells.

Allylic alcohol transposition by ortho ester-initiated carbonate extension. synthesis of the vasodilator 11(R),12(S),15(S)-trihydroxyeicosa- 5(Z),8(Z),13(E)-trienoic acid.

Suppressive effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on vascular remodeling that takes place in the normal labyrinth zone of rat placenta during late gestation.

Dystrophin is a possible end-target of ischemic preconditioning against cardiomyocyte oncosis during the early phase of reperfusion.

Historical approaches to post-combat disorders.

Effect of VEGF on the branching morphogenesis of normal and nitrofen-induced hypoplastic fetal rat lung explants.

Sodium azide dilates coronary arterioles via activation of inward rectifier K⁺ channels and Na⁺-K⁺-ATPase.

Desensitization of platelet-derived growth factor receptor-beta by oxidized lipids in vascular cells and atherosclerotic lesions: prevention by aldehyde scavengers.

Cytochrome P4501A is induced in endothelial cell lines from the kidney and lung of the bottlenose dolphin, *Tursiops truncatus*.

Cytochrome P450 Cyp4x1 is a major P450 protein in mouse brain.

Productivity of tree swallows (*Tachycineta bicolor*) exposed to PCBs at the Kalamazoo River superfund site.

Identification of zebrafish ARNT1 homologs: 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in the developing zebrafish requires ARNT1.

Toxoplasma gondii acyl-lipid metabolism: de novo synthesis from apicoplast-generated fatty acids versus scavenging of host cell precursors.

Tree swallow (*Tachycineta bicolor*) exposure to polychlorinated biphenyls at the Kalamazoo River superfund site, Michigan, USA.

P-1075 exerts diverse modulatory effects on mitochondrial ATP-sensitive K⁺ channels in rabbit ventricular myocytes.

Urinary oxidative stress markers in young patients with type 1 diabetes.

Synthetic smooth muscle cell phenotype is associated with increased nicotinamide adenine dinucleotide phosphate oxidase activity: effect on collagen secretion.

Phospholipase A2, reactive oxygen species, and lipid peroxidation in cerebral ischemia.

Transport of carbamazepine and drug interactions at blood-brain barrier.

Piceatannol upregulates endothelial heme oxygenase-1 expression via novel protein kinase C and tyrosine kinase pathways.

Antiproliferative and antiangiogenic effects of 3-methylcholanthrene, an aryl-hydrocarbon receptor agonist, in human umbilical vascular endothelial cells.

Co-administration of zinc and n-acetylcysteine prevents arsenic-induced tissue oxidative stress in male rats.

Dopamine-beta-hydroxylase immunohistochemical study in the locus coeruleus of neonate rats exposed to 2,4-dichlorophenoxyacetic acid through mother's milk.

The good, the bad, and the ugly: weighing the risks and benefits of seafood consumption.

Manganese enhances peroxynitrite and leukotriene E4 formation in bovine aortic endothelial cells exposed to arsenic.

CYP1A in TCDD toxicity and in physiology-with particular reference to CYP dependent arachidonic acid metabolism and other endogenous substrates.

Induction of beta3-adrenergic receptor functional expression following chronic stimulation with noradrenaline in neonatal rat cardiomyocytes.

Myeloperoxidase-generated oxidants modulate left ventricular remodeling but not infarct size after myocardial infarction.

[Toxicity effects of pentachlorophenol on *Brachydanio rerio*].

Paraquat-induced Fanconi syndrome.

Effects of different soil types on the Collembolans *Folsomia candida* and *Hypogastrura assimilis* using the herbicide Phenmedipham.

Mechanism of acrolein-induced vascular toxicity.

Intentional self-poisoning with the chlorophenoxy herbicide 4-chloro-2-methylphenoxyacetic acid (MCPA).

High blood pressure is one of the symptoms of paraquat-induced toxicity in rats.

Effects of four rice herbicides on seed germination and seedling growth of a threatened vascular plant *Penthorum chinense* Pursh.

Activity of NADPH-cytochrome P-450 reductase of the human heart, liver and lungs in the presence of (-)-epigallocatechin gallate, quercetin and resveratrol: an in vitro study.

[Correlation of plasma endothelin and multiple organ dysfunction syndrome caused by acute paraquat poisoning].

Thyroid function in nestling tree swallows and eastern bluebirds exposed to non-persistent pesticides and p, p'-DDE in apple orchards of southern Ontario, Canada.

A risk assessment of atrazine use in California: human health and ecological aspects.

Paraquat poisoning.

Expression of vasoactive mediators during mechanical ventilation in nitrofen-induced diaphragmatic hernia in rats.

Vascular endothelial growth factor reduced and connective tissue growth factor induced by triamcinolone in ARPE19 cells under oxidative stress.

Pax3 mRNA is decreased in the hearts of rats with experimental diaphragmatic hernia.

Altered expression of angiotensin II receptor subtypes and transforming growth factor-beta in the heart of nitrofen-induced diaphragmatic hernia in rats.

Differential effects of vitamin A on fetal lung growth and diaphragmatic formation in nitrofen-induced rat model.

Transforming growth factor-beta1 upregulation is independent of angiotensin in paraquat-induced lung fibrosis.

Acrolein impairs ATP binding cassette transporter A1-dependent cholesterol export from cells through site-specific modification of apolipoprotein A-I.

Down-regulation of the glial glutamate transporter GLT-1 in rat hippocampus and striatum and its modulation by a group III metabotropic glutamate receptor antagonist following transient global forebrain ischemia.

Nonosmotic release of vasopressin and renal aquaporins in impaired urinary dilution in hypothyroidism.

Arsenic exposure, urinary arsenic speciation, and peripheral vascular disease in blackfoot disease-hyperendemic villages in Taiwan.

TRPA1 and TRPM8 activation in humans: effects of cinnamaldehyde and menthol.

Acrolein modifies apolipoprotein A-I in the human artery wall.

Paraquat poisoning.

Tamoxifen up-regulates catalase production, inhibits vessel wall neutrophil infiltration, and attenuates development of experimental abdominal aortic aneurysms.

Novel genomic targets in oxidant-induced vascular injury.

Acrolein induces Hsp72 via both PKCdelta/JNK and calcium signaling pathways in human umbilical vein endothelial cells.

Induction of thioredoxin reductase as an adaptive response to acrolein in human umbilical vein endothelial cells.

Tissue distribution of arsenic species in rabbits after single and multiple parenteral administration of arsenic trioxide: tissue accumulation and the reversibility after washout are tissue-selective.

Critical involvement of hydrogen peroxide in exercise-induced up-regulation of endothelial NO synthase.

Heart malformation is an early response to TCDD in embryonic zebrafish.

Met5-enkephalin-induced cardioprotection occurs via transactivation of EGFR and activation of PI3K.

A rapid and efficient transformation protocol for the grass *Brachypodium distachyon*.

[Experimental study on pharmacodynamical of *Oxalis griffithii*, a national medicine in Guizhou].

Early developmental 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure decreases chick embryo heart chronotropic response to isoproterenol but not to agents affecting signals downstream of the beta-adrenergic receptor.

Fryns syndrome without diaphragmatic hernia. Report on a new case and review of the literature.

Portal hypertension: the role of shunting procedures.

Chemical-induced atrial thrombosis in NTP rodent studies.

Characterization of spontaneous and chemically induced cardiac lesions in rodent model systems: the national toxicology program experience.

Environmental cardiovascular disease.

[Health risk related to municipal waste incineration].

Erythrocyte susceptibility to oxidative stress in chronic renal failure patients under different substitutive treatments.

Reduced coronary flow reserve in patients with congestive heart failure assessed by transthoracic Doppler echocardiography.

Protective effects of insulin during ischemia-reperfusion injury in hamster cheek pouch microcirculation.

Aryl hydrocarbon receptor-independent toxicity of weathered crude oil during fish development.

Effects of chemical ischemia in cerebral cortex slices. Focus on nitric oxide.

Pericapillary haem-rich deposits: evidence for microhaemorrhages in aging human cerebral cortex.

Tissue Doppler-derived indices predict exercise capacity in patients with apical hypertrophic cardiomyopathy.

Genetic and environmental influences on malformations of the cardiac outflow tract.

Nitrovasodilator responses in pulmonary arterioles from rats with nitrofen-induced congenital diaphragmatic hernia.

Effects of ferrous sulphate and non-ionic iron-polymaltose complex on markers of oxidative tissue damage in patients with inflammatory bowel disease.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on murine heart development: alteration in fetal and postnatal cardiac growth, and postnatal cardiac chronotropy.

[Application of a 3D reconstruction model for the analysis of nitrofen induced intrathoracic malformations].

Synthesis and biodistribution of (11)C-GW7845, a positron-emitting agonist for peroxisome proliferator-activated receptor- γ .

Severe cyanide toxicity from 'vitamin supplements'.

A histochemical and pathological study on the interrelationship between TCDD-induced AhR expression, AhR activation, and hepatotoxicity in mice.

Biomarkers of exposure, effect, and susceptibility of arsenic-induced health hazards in Taiwan.

Immortalized mouse mammary fibroblasts lacking dioxin receptor have impaired tumorigenicity in a subcutaneous mouse xenograft model.

Effects of prenatal vitamins A, E, and C on the hypoplastic hearts of fetal rats with diaphragmatic hernia.

Congenital diaphragmatic hernia: a retinoid-signaling pathway disruption during lung development?

The bradycardic and hypotensive responses to serotonin are reduced by activation of GABAA receptors in the nucleus tractus solitarius of awake rats.

Carbamylated low-density lipoprotein induces death of endothelial cells: a link to atherosclerosis in patients with kidney disease.

Congenital diaphragmatic hernia, tracheal occlusion, thyroid transcription factor-1, and fetal pulmonary epithelial maturation.

NF- κ B and not the MAPK signaling pathway regulates GADD45 β expression during acute inflammation.

The heat shock protein 90 inhibitor, 17-allylamino-17-demethoxygeldanamycin, enhances osteoclast formation and potentiates bone metastasis of a human breast cancer cell line.

Pseudolaminar necrosis in cyanide intoxication: a neuropathology case report.

Common viral infection affects pentabrominated diphenyl ether (PBDE) distribution and metabolic and hormonal activities in mice.

Pressor and tachycardic responses evoked by microinjections of L-glutamate into the medial prefrontal cortex of unanaesthetized rats.

Use of hemoglobin raffimer for postoperative life-threatening anemia in a Jehovah's Witness.

Rubidium-87 magnetic resonance spectroscopy and imaging for analysis of mammalian K⁺ transport.

Gastric hamartomatous tumours in a transgenic mouse model expressing an activated dioxin/Ah receptor.

Aryl hydrocarbon receptor-dependent liver development and hepatotoxicity are mediated by different cell types.

Expression of small stress protein hsp20 gene in the maturing rat testis.

Sodium arsenite-induced inhibition of eukaryotic translation initiation factor 4E (eIF4E) results in cytotoxicity and cell death.

Protection of mitochondrial integrity from oxidative stress by selenium-containing glutathione transferase.

Arsenite induces endothelial cytotoxicity by down-regulation of vascular endothelial nitric oxide synthase.

Toxicogenomic profile of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the murine fetal heart: modulation of cell cycle and extracellular matrix genes.

SKS6, a multicopper oxidase-like gene, participates in cotyledon vascular patterning during Arabidopsis thaliana development.

Endogenous vascular hydrogen peroxide regulates arteriolar tension in vivo.

[Political poisoning with dioxins--a weapon of chemical "disgracefulness"].

Inorganic arsenite potentiates vasoconstriction through calcium sensitization in vascular smooth muscle.

Heparin regulates vascular endothelial growth factor165-dependent mitogenic activity, tube formation, and its receptor phosphorylation of human endothelial cells. Comparison of the effects of heparin and modified heparins.

Effects of AV3V lesion on pilocarpine-induced pressor response and salivary gland vasodilation.

A polychromatic staining method for epoxy embedded tissue: a new combination of methylene blue and basic fuchsine for light microscopy.

Inhibition of IgE-dependent mouse triphasic cutaneous reaction by a boiling water fraction separated from mycelium of *Phellinus linteus*.

Endothelin-1-induced contraction in veins is independent of hydrogen peroxide.

The development of a physiologically-based pharmacokinetic model using the distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the tissues of the eastern oyster (*Crassostrea virginica*).

Proapoptotic, antimigratory, antiproliferative, and antiangiogenic effects of commercial C-reactive protein on various human endothelial cell types in vitro: implications of contaminating presence of sodium azide in commercial preparation.

Localization and differential activity of P-glycoprotein in the bovine olfactory and nasal respiratory mucosae.

Concentrations of persistent organochlorine contaminants in bowhead whale tissues and other biota from northern Alaska: implications for human exposure from a subsistence diet.

EGF receptor-dependent JNK activation is involved in arsenite-induced p21Cip1/Waf1 upregulation and endothelial apoptosis.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) inhibition of coronary vasculogenesis is mediated, in part, by reduced responsiveness to endogenous angiogenic stimuli, including vascular endothelial growth factor A (VEGF-A).

Role of adenosine A1 and A3 receptors in regulation of cardiomyocyte homeostasis after mitochondrial respiratory chain injury.

Cardiovascular gene expression profiles of dioxin exposure in zebrafish embryos.

Mechanisms of exocrine pancreatic toxicity induced by oral treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Harlan Sprague-Dawley Rats.

Cyclic GMP, sodium nitroprusside and sodium azide reduce aqueous humour formation in the isolated arterially perfused pig eye.

Oxidative stress mediates sodium arsenite-induced expression of heme oxygenase-1, monocyte chemoattractant protein-1, and interleukin-6 in vascular smooth muscle cells.

Adenosine 5'-monophosphate-activated protein kinase and p38 mitogen-activated protein kinase participate in the stimulation of glucose uptake by dinitrophenol in adult cardiomyocytes.

Scope for regulation of cigarette smoke toxicity: the case for including charcoal filters.

Scope for regulation of cigarette smoke toxicity according to brand differences in published toxicant emissions.

Interleukin-1beta attenuates beta-very low-density lipoprotein uptake and its receptor expression in vascular smooth muscle cells.

Type-3 ryanodine receptors mediate hypoxia-, but not neurotransmitter-induced calcium release and contraction in pulmonary artery smooth muscle cells.

Platelet-activating factor increases VE-cadherin tyrosine phosphorylation in mouse endothelial cells and its association with the PtdIns3'-kinase.

Comparison of Matrigel and gelatin substrata for feeder-free culture of undifferentiated mouse embryonic stem cells for toxicity testing.

Effects of elastase on the mechanical and failure properties of engineered elastin-rich matrices.

C-reactive protein does not relax vascular smooth muscle: effects mediated by sodium azide in commercially available preparations.

Inhibition of cyclooxygenase activity, platelet aggregation and thromboxane B₂ production by two environmental toxicants: m- and o-cresol.

Caffeine induced Ca²⁺ release and capacitative Ca²⁺ entry in human embryonic kidney (HEK293) cells.

Acute toxicity of six freshwater mussel species (Glochidia) to six chemicals: implications for Daphnids and Utterbackia imbecillis as surrogates for protection of freshwater mussels (Unionidae).

Heme oxygenase expression in cultured human trophoblast cells during in vitro differentiation: effects of hypoxia.

Hemodynamic and respiratory responses to microinjection of ATP into the intermediate and caudal NTS of awake rats.

Differential signatures of protein expression in marmoset liver and thymus induced by single-dose TCDD treatment.

Cytochrome p450_{1a} induced differentially in endothelial cells cultured from different organs of Anguilla rostrata.

Differential effects of transforming growth factor-beta on the synthesis of connective tissue growth factor and vascular endothelial growth factor by peritoneal mesothelial cell.

Synthesis and characterization of EADAM: a selective radioligand for mapping the brain serotonin transporters by positron emission tomography.

Exposure and effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in tree swallows (Tachycineta bicolor) nesting along the Woonasquatucket River, Rhode Island, USA.

Hepatocyte-targeted nuclear imaging using ^{99m}Tc-galactosylated chitosan: conjugation, targeting, and biodistribution.

Retrospective case series of suspected intentional paraquat poisonings: diagnostic findings and risk factors for death.

Sensitivity of zebrafish to environmental toxins implicated in Parkinson's disease.

Cigarette suppresses the expression of P4H α and vascular collagen production.

Fatal paraquat poisoning in seven Portland, Oregon, dogs.

Pulmonary function and exercise-associated changes with chronic low-level paraquat exposure.

Mitogenic and cytotoxic effects of pentachlorophenol to AML 12 mouse hepatocytes.

Toxicity of dipyriddy compounds and related compounds.

A novel approach for phytotoxicity assessment by CCD fluorescence imaging.

Comparing aquatic risk assessment methods for the photosynthesis-inhibiting herbicides metribuzin and metamiltron.

Combined effects of ethanol and cinnamaldehyde in the Japanese medaka embryo-larval assay (MELA).

Exposure of cardiac fibroblasts to the herbicide nitrofen causes altered interactions with the extracellular matrix.

Multiple medical problems following agent orange exposure.

Glyphosate poisoning.

Poisoning due to chlorophenoxy herbicides.

Developmental arrest in Japanese medaka (*Oryzias latipes*) embryos exposed to sublethal concentrations of atrazine and arsenic trioxide.

The effect of macromolecular crowding on protein aggregation and amyloid fibril formation.

Possible mechanism for medial smooth muscle cell injury in diabetic nephropathy: glycooxidation-mediated local complement activation.

Multiple deficiencies in antioxidant enzymes in mice result in a compound increase in sensitivity to oxidative stress.

Impairment of the transcriptional responses to oxidative stress in the heart of aged C57BL/6 mice.

Activities of UDP-glucuronyltransferase, beta-glucuronidase and deiodinase types I and II in hyper- and hypothyroid rats.

The vagus and recurrent laryngeal nerves in experimental congenital diaphragmatic hernia.

Transgenic mice overexpressing glutathione peroxidase 4 are protected against oxidative stress-induced apoptosis.

Somatic embryogenesis in *Solanum tuberosum* L.: a histological examination of key developmental stages.

Role of mitochondrial aldehyde dehydrogenase in nitroglycerin-induced vasodilation of coronary and systemic vessels: an intact canine model.

Stable compounds of cigarette smoke induce endothelial superoxide anion production via NADPH oxidase activation.

Inhibition of cardiac myocyte contraction by 4-hydroxy-trans-2-nonenal.

2,3,7,8-TCDD effects on visual structure and function in swim-up rainbow trout.

Impairment of small intestinal protein assimilation in patients with end-stage renal disease: extending the malnutrition-inflammation-atherosclerosis concept.

Biosynthesis of FVIII in megakaryocytic cells: improved production and biochemical characterization.

Chronic beta-adrenoreceptor activation increases cardiac cavity size through chamber remodeling and not via modifications in myocardial material properties.

Arsenic exposure exacerbates atherosclerotic plaque formation and increases nitrotyrosine and leukotriene biosynthesis.

ARNT2 is not required for TCDD developmental toxicity in zebrafish.

Feasibility of "directly observed home-based twice-daily iron therapy" (DOHBIT) for management of anemia in rural patients: a pilot study.

Classic toxin-induced animal models of Parkinson's disease: 6-OHDA and MPTP.

Dying to be thin: a dinitrophenol related fatality.

Ex vivo evaluation of erythrocytosis-enhanced platelet thrombus formation using the cone and plate(let) analyzer: effect of platelet antagonists.

Women and omega-3 Fatty acids.

Chemical constituents of Morinda citrifolia fruits inhibit copper-induced low-density lipoprotein oxidation.

Systemic-to-pulmonary collaterals: a source of flow energy loss in Fontan physiology.

The accumulation and toxicity of methylated arsenicals in endothelial cells: important roles of thiol compounds.

Combined effects of Matrigel and growth factors on maintaining undifferentiated murine embryonic stem cells for embryotoxicity testing.

Dioxin alters the human low-density and very low-density lipoprotein structure with evidence for specific quenching of Trp-48 in apolipoprotein C-II.

4-chloro-m-cresol cannot detect malignant hyperthermia equivocal cells in an alternative minimally invasive diagnostic test of malignant hyperthermia susceptibility.

Neuromuscular electric stimulation enhances endothelial vascular control and hemodynamic function in paretic upper extremities of patients with stroke.

Pulmonary vascular morphology in a fetal rabbit model for congenital diaphragmatic hernia.

P-cresol, a uremic retention solute, alters the endothelial barrier function in vitro.

SUR2A C-terminal fragments reduce KATP currents and ischaemic tolerance of rat cardiac myocytes.

Branch retinal artery occlusion: a complication of iron-deficiency anemia in a young adult with a rectal carcinoid.

Warm or cold ischemia in animal models of lung ischemia-reperfusion injury: is there a difference?

VEGF expression is downregulated in nitrofen-induced congenital diaphragmatic hernia.

Exocrine pancreatic pathology in female Harlan Sprague-Dawley rats after chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like compounds.

The dioxin-like pollutant PCB 126 (3,3',4,4',5-pentachlorobiphenyl) affects risk factors for cardiovascular disease in female rats.

Hypothermia and localized cold injuries.

Pulmonary elastin expression is decreased in the nitrofen-induced rat model of congenital diaphragmatic hernia.

Ischemia/reperfusion induces the recruitment of leukocytes from whole blood under flow conditions.

Herbimycin A inhibits angiogenic activity in endothelial cells and reduces neovascularization in a rat model of retinopathy of prematurity.

Patent ductus venosus and dioxin resistance in mice harboring a hypomorphic Arnt allele.

Transient mitochondrial permeability transition pore opening mediates preconditioning-induced protection.

Oxygen-regulated expression of the RNA-binding proteins RBM3 and CIRP by a HIF-1-independent mechanism.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits regression of the common cardinal vein in developing zebrafish.

Hypothermia augments reactive oxygen species detected in the guinea pig isolated perfused heart.

Decreased expression of voltage-gated K⁺ channels in pulmonary artery smooth muscles cells in nitrofen-induced congenital diaphragmatic hernia in rats.

Rat models of dementia based on reductions in regional glucose metabolism, cerebral blood flow and cytochrome oxidase activity.

Water permeability and TCDD-induced edema in zebrafish early-life stages.

Intra-strain dioxin sensitivity and morphometric effects in swim-up rainbow trout (*Oncorhynchus mykiss*).

Pharmacologic evidence for a parasympathetic role in seizure-induced neurocardiac regulatory abnormalities.

The uremic solutes p-cresol and indoxyl sulfate inhibit endothelial proliferation and wound repair.

Fab antibody fragments: some applications in clinical toxicology.

Effects of airbag deployment: lesions, epidemiology, and management.

Liquid growth hormone: preservatives and buffers.

Activation of inflammatory mediators and potential role of ah-receptor ligands in foam cell formation.

Coronary artery bypass grafting in a dialysis-dependent Jehovah's Witness.

Detection of *Erysipelothrix rhusiopathiae* in clinical and environmental samples.

Combined devascularization and proximal splenorenal shunt: is this a better option than either procedure alone?

Role of aryl hydrocarbon receptor in mesencephalic circulation failure and apoptosis in zebrafish embryos exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

EGR1 is a novel target for AhR agonists in human lung epithelial cells.

Gestational exposure of Ahr and Arnt hypomorphs to dioxin rescues vascular development.

Role of 2,4-dichlorophenoxyacetic acid (2,4-D) in somatic embryogenesis on cultured zygotic embryos of *Arabidopsis*: cell expansion, cell cycling, and morphogenesis during continuous exposure of embryos to 2,4-D.

Contraction augments L-type Ca²⁺ currents in adherent guinea-pig cardiomyocytes.

C-reactive protein-induced in vitro vasorelaxation is an artefact caused by the presence of sodium azide in commercial preparations.

Diffuse pharmacophoric domains of vasoactive intestinal peptide (VIP) and further insights into the interaction of VIP with the N-terminal ectodomain of human VPAC1 receptor by photoaffinity labeling with [Bpa6]-VIP.

2,3,7,8-Tetrachlorodibenzo-p-dioxin activation of the aryl hydrocarbon receptor/aryl hydrocarbon receptor nuclear translocator pathway causes developmental toxicity through a CYP1A-independent mechanism in zebrafish.

Src kinase mediates angiotensin II-dependent increase in pulmonary endothelial nitric oxide synthase.

Identification of the growth hormone-releasing peptide binding site in CD36: a photoaffinity cross-linking study.

Myocardial oxygen demand and redox state affect fatty acid oxidation in the potassium-arrested heart.

A novel mechanism of regulation of cardiac contractility by mitochondrial functional state.

p38 Mitogen-activated protein kinase mediates synergistic induction of inducible nitric-oxide synthase by lipopolysaccharide and interferon-gamma through signal transducer and activator of transcription 1 Ser727 phosphorylation in murine aortic endothelial cells.

Different effects of calcium channel blockers on matrix metalloproteinase-2 expression in cultured rat cardiac fibroblasts.

Sequential activation of RhoA and FAK/paxillin leads to ATP release and actin reorganization in human endothelium.

Effects of magnesium on matrix metalloproteinase-2 production in cultured rat cardiac fibroblasts.

Signaling mechanisms mediated by G-protein coupled receptors in human platelets.

Phenylthiourea as a weak activator of aryl hydrocarbon receptor inhibiting 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced CYP1A1 transcription in zebrafish embryo.

Biochemical and molecular biological analysis of different responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin in chick embryo heart and liver.

Potassium channel openers are uncoupling protonophores: implication in cardioprotection.

Presence and functional activity of the aryl hydrocarbon receptor in isolated murine cerebral vascular endothelial cells and astrocytes.

Protein phosphatase 2A-mediated cross-talk between p38 MAPK and ERK in apoptosis of cardiac myocytes.

Involvement of P-glycoprotein in the transport of saquinavir and indinavir in rat brain microvessel endothelial and microglia cell lines.

Effect of manidipine on gene expression and protein level of oxidative stress-related proteins: p22phox and HO-1: relevance for antihypertensive and anti-remodeling effects.

Glutathione-S-transferase A4-4 modulates oxidative stress in endothelium: possible role in human atherosclerosis.

Src and Cas are essentially but differentially involved in angiotensin II-stimulated migration of vascular smooth muscle cells via extracellular signal-regulated kinase 1/2 and c-Jun NH2-terminal kinase activation.

Regulation of mitochondrial energy production in cardiac cells of rainbow trout (*Oncorhynchus mykiss*).

Signaling cascade of ANG II-induced inhibition of alpha-MG uptake in renal proximal tubule cells.

Infant exposure to polychlorinated dibenzo-p-dioxins, dibenzofurans and biphenyls (PCDD/Fs, PCBs)-- correlation between prenatal and postnatal exposure.

2,3,7,8-tetrachlorodibenzo-p-dioxin reduces myocardial hypoxia and vascular endothelial growth factor expression during chick embryo development.

Histological analysis of acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in zebrafish.

Effect of the oxidative phosphorylation uncoupler 2,4-dinitrophenol on hypoxia-inducible factor-regulated gene expression in bovine blastocysts.

Gene expression profiles of mouse aorta and cultured vascular smooth muscle cells differ widely, yet show common responses to dioxin exposure.

Toxicity, histopathological alterations and immunohistochemical CYP1A induction in the early life stages of the seabream, *Sparus aurata*, following waterborne exposure to B(a)P and TCDD.

Different global gene expression profiles in benzo[a]pyrene- and dioxin-treated vascular smooth muscle cells of AHR-knockout and wild-type mice.

Vascular permeability alterations induced by arsenic.

Expression of genes in the TGF-beta signaling pathway is significantly deregulated in smooth muscle cells from aorta of aryl hydrocarbon receptor knockout mice.

Characteristics and a functional implication of Ca(2+)-activated K(+) current in mouse aortic endothelial cells.

Severity assessment in acute paraquat poisoning by analysis of APACHE II score.

Developmental and subcellular effects of chronic exposure to sub-lethal concentrations of ammonia, PAH and PCP mixtures in brown trout (*Salmo trutta f. fario* L.) early life stages.

Fatal overdose of the herbicide bentazone.

Biochemical and histopathological effects of glyphosate herbicide on Nile tilapia (*Oreochromis niloticus*).

Impact of Agent Orange exposure among Korean Vietnam veterans.

Birth malformations and other adverse perinatal outcomes in four U.S. Wheat-producing states.

Fatal 2,4-D (ethyl ester) ingestion.

Re: "Association of transposition of the great arteries in infants with maternal exposures to herbicides and rodenticides".

Fatal acute poisoning by bentazon.

Lung function and airway inflammation in rats following exposure to combustion products of carbon-graphite/epoxy composite material: comparison to a rodent model of acute lung injury.

The role of oxidative stress in paraquat-induced neurotoxicity in rats: protection by non peptidyl superoxide dismutase mimetic.

Pentachlorophenol poisoning.

[Paraquat intoxication].

Focal transmural necrotic tracheitis in commercial meat turkeys.

Myocardial perfusion imaging versus biochemical markers in acute coronary syndromes.

Alpha-tocopherol content and alpha-tocopherol transfer protein expression in leukocytes of children with acute leukemia.

Formation of advanced glycosylation end products and oxidative stress in young patients with type 1 diabetes.

Endothelium dysfunction in LDL receptor knockout mice: a role for H₂O₂.

Immediate sensory nerve-mediated respiratory responses to irritants in healthy and allergic airway-diseased mice.

Cyclohexanedione herbicides are inhibitors of rat heart acetyl-CoA carboxylase.

Acrolein-induced vasomotor responses of rat aorta.

Induction of cellular glutathione and glutathione S-transferase by 3H-1,2-dithiole-3-thione in rat aortic smooth muscle A10 cells: protection against acrolein-induced toxicity.

Dose-dependent biotransformation of arsenite in rats--not S-adenosylmethionine depletion impairs arsenic methylation at high dose.

Effects of the new herbicide fentrazamide on the glucose utilization in neurons and erythrocytes in vitro. [Acute poisoning caused by intravenous arsenic].

Mild hypothermia reduces expression of heat shock protein 60 in leukocytes from severely head-injured patients.

Cardiac hypertrophy in aryl hydrocarbon receptor null mice is correlated with elevated angiotensin II, endothelin-1, and mean arterial blood pressure.

Window to the heart: the value of a native and paced QRS duration. Current perspective and review.

Insulin regulation in AhR-null mice: embryonic cardiac enlargement, neonatal macrosomia, and altered insulin regulation and response in pregnant and aging AhR-null females.

Effects of mitochondrial inhibitors and uncouplers on hypoxic vasoconstriction in rabbit lungs.

Experience of the small size (25 mm) Sorin Bicarbon bileaflet prosthetic valve in patients with small mitral annuli.

Arsenic exposure accelerates atherogenesis in apolipoprotein E(-/-) mice.

Pulmonary surfactant protein A, B, and C mRNA and protein expression in the nitrofen-induced congenital diaphragmatic hernia rat model.

Systemic effects and skin injury after experimental dermal exposure to monochloroacetic acid.

Protein-bound uremic retention solutes.

Useful interventions for intradialytic hypotension.

Fetal heart development in the nitrofen-induced CDH rat model: the role of mechanical and nonmechanical factors.

Tyrosine kinases inhibitors block Fas-mediated deleterious effects in normoxic and hypoxic ventricular myocytes.

Ryanodine receptor mutations associated with stress-induced ventricular tachycardia mediate increased calcium release in stimulated cardiomyocytes.

Mechanisms of TCDD-induced abnormalities and embryo lethality in white leghorn chickens.

Embryonic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in chickens: effects of dose and embryonic stage on hatchability and growth.

Angiotensin II phosphorylation of extracellular signal-regulated kinases in rat anterior pituitary cells.

Oxidative capacity in failing hearts.

MCSF expression is induced in healing myocardial infarcts and may regulate monocyte and endothelial cell phenotype.

Short- and long-term morbidity and mortality in the population exposed to dioxin after the "Seveso accident".

Prenatal vitamin E improves lung and heart hypoplasia in experimental diaphragmatic [correction of diaphragmatic] hernia.

Gene expression of fibroblast growth factors 10 and 7 is downregulated in the lung of nitrofen-induced diaphragmatic hernia in rats.

Role of elastin in pathologic calcification of xenograft heart valves.

Increased expression of ICAM-1 and VCAM-1 in the lung of nitrofen-induced congenital diaphragmatic hernia in rats.

[The encapsulation of recombinant adenovirus containing HSP70 cDNA and its oral transfection effects in the rats].

Intercellular signalling within vascular cells under high D-glucose involves free radical-triggered tyrosine kinase activation.

Cardiac effects of hypocretin-1 in nucleus ambiguus.

Induction of cytochrome P450 1A is required for circulation failure and edema by 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish.

Human health effects of sodium azide exposure: a literature review and analysis.

Essential role of complex II of the respiratory chain in hypoxia-induced ROS generation in the pulmonary vasculature.

Airway smooth muscle changes in the nitrofen-induced congenital diaphragmatic hernia rat model.

The aryl hydrocarbon receptor and its xenobiotic ligands: a fundamental trigger for cardiovascular diseases.

Low concentrations of arsenic induce vascular endothelial growth factor and nitric oxide release and stimulate angiogenesis in vitro.

A neuropsychotoxicological assessment of workers in a sodium azide production plant.

Studies on dialysate mixing in the Genius single-pass batch system for hemodialysis therapy.

Immunocapture and microplate-based activity measurement of mammalian pyruvate dehydrogenase complex.

Effects of metronidazole and tinidazole ointments on models for inflammatory dermatitis in mice.

Cross-linking influences the impact of quantitative changes in myocardial collagen on cardiac stiffness and remodelling in hypertension in rats.

Urinary concentrating defect in hypothyroid rats: role of sodium, potassium, 2-chloride co-transporter, and aquaporins.

Basis for a proposed reference dose (RfD) for dioxin of 1-10 pg/kg-day: a weight of evidence evaluation of the human and animal studies.

Ring around the cardia: a watermelon stomach variant.

Increase in cardiovascular pathology in female Sprague-Dawley rats following chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3,3',4,4',5-pentachlorobiphenyl.

A role for the aryl hydrocarbon receptor in cardiac physiology and function as demonstrated by AhR knockout mice.

Pharmacological induction of HSP27 attenuates intimal hyperplasia in vivo.

Protein tyrosine phosphatase activity regulates endothelial cell-cell interactions, the paracellular pathway, and capillary tube stability.

Pressure-induced activation of extracellular signal-regulated kinase 1/2 in small arteries.

Cardiovascular effects of hypocretin-1 in nucleus of the solitary tract.

Intestinal absorption of ¹⁴C from ¹⁴C-phenanthrene, ¹⁴C-benzo[a]pyrene and ¹⁴C-tetrachlorodibenzo-para-dioxin: approaches with the Caco-2 cell line and with portal absorption measurements in growing pigs.

Hepatocellular injury with hyperaminotransferasemia after cresol ingestion.

Blood-brain barrier transport of a novel micro 1-specific opioid peptide, H-Tyr-D-Arg-Phe-beta-Ala-OH (TAPA).

Bradykinin B2 receptor-mediated proliferation via activation of the Ras/Raf/MEK/MAPK pathway in rat vascular smooth muscle cells.

Endothelial contraction and monolayer hyperpermeability are regulated by Src kinase.

In situ modulation of the human cardiac ryanodine receptor (hRyR2) by FKBP12.6.

Evidence for a role of p38 kinase in hypoxia-inducible factor 1-independent induction of vascular endothelial growth factor expression by sodium arsenite.

Relaxation of arterial smooth muscle by water-soluble derivatives of coenzyme Q (ubiquinone).

Dynamics of endocytosis and exocytosis of poly(D,L-lactide-co-glycolide) nanoparticles in vascular smooth muscle cells.

Evidence for the primary role for 4-aminopyridine-sensitive K(v) channels in beta(3)-adrenoceptor-mediated, cyclic AMP-independent relaxations of guinea-pig gastrointestinal smooth muscles.

Effects of magnesium on the production of extracellular matrix metalloproteinases in cultured rat vascular smooth muscle cells.

Aryl hydrocarbon receptor ligands repress T-cadherin expression in vascular smooth muscle cells.

α -Tocopherol Content and α -Tocopherol Transfer Protein Expression in Leukocytes of Children with Acute Leukemia.

Proteoglycans on bone marrow endothelial cells bind and present SDF-1 towards hematopoietic progenitor cells.

Generation of aldehyde-derived protein modifications in ethanol-exposed heart.

Health benefits and potential risks related to consumption of fish or fish oil.

Neurodevelopmental defects in zebrafish (*Danio rerio*) at environmentally relevant dioxin (TCDD) concentrations.

Cardioacceleratory responses to hypocretin-1 injections into rostral ventromedial medulla.

Oxidative stress in laboratory-incubated double-crested cormorant eggs collected from the Great Lakes.

Oxygen availability during orthotopic liver transplantation.

Role of mitochondrial aldehyde dehydrogenase in nitrate tolerance.

Inhibition of [18 F]FP-TZTP binding by loading doses of muscarinic agonists P-TZTP or FP-TZTP in vivo is not due to agonist-induced reduction in cerebral blood flow.

Phospholipase A2, hydroxyl radicals, and lipid peroxidation in transient cerebral ischemia.

Protective effect of benidipine against sodium azide-induced cell death in cultured neonatal rat cardiac myocytes.

KB130015, a new amiodarone derivative with multiple effects on cardiac ion channels.

Somatic embryogenesis in sisal (*Agave sisalana* Perr. ex. Engelm).

Photoaffinity labeling demonstrates physical contact between vasoactive intestinal peptide and the N-terminal ectodomain of the human VPAC1 receptor.

A cross-linking study of the N-terminal extension of human cardiac troponin I.

P-glycoprotein restricted transport of nimodipine across blood-brain barrier.

Ligand-independent activation of vascular endothelial growth factor receptor 2 by fluid shear stress regulates activation of endothelial nitric oxide synthase.

Cardioselective sulfonylthiourea HMR 1098 blocks mitochondrial uncoupling induced by a KATP channel opener, P-1075, in beating rat hearts.

[Methodology in occupational and environmental epidemiology].

Vascular endothelial growth factor rescues 2,3,7,8-tetrachlorodibenzo-p-dioxin inhibition of coronary vasculogenesis.

Triazines facilitate neurotransmitter release of synaptic terminals located in hearts of frog (*Rana ridibunda*) and honeybee (*Apis mellifera*) and in the ventral nerve cord of a beetle (*Tenebrio molitor*).

Health of tree swallow (*Tachycineta bicolor*) nestlings exposed to chlorinated hydrocarbons in the St Lawrence River basin. Part I. Renal and hepatic vitamin A concentrations.

Zebrafish as a novel experimental model for developmental toxicology.

Reactive oxygen species mediate endotoxin-induced human dermal endothelial NF-kappaB activation.

Effect of p38 mitogen-activated protein kinase on the replication of encephalomyocarditis virus.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on chorionic gonadotrophin activity in pregnant macaques.

Different modulation by Ca²⁺-activated K⁺ channel blockers and herbimycin of acetylcholine- and flow-evoked vasodilatation in rat mesenteric small arteries.

Cyclical mechanical stretch enhances angiotensin-2 and Tie2 receptor expression in cultured human umbilical vein endothelial cells.

Anthracyclines induce accumulation of iron in ferritin in myocardial and neoplastic cells: inhibition of the ferritin iron mobilization pathway.

Combined methylprednisolone and dexamethasone therapy for paraquat poisoning.

Effects of early embryonal exposure to dexamethasone on malformations of neural-crest derivatives induced by nitrofen in rats.

Effects of vitamin A on malformations of neural-crest-controlled organs induced by nitrofen in rats.

In vitro myelotoxicity of propanil and 3,4-dichloroaniline on murine and human CFU-E/BFU-E progenitors.

Effect of chemical interactions in pentachlorophenol mixtures on skin and membrane transport.

Repeatability of the submitochondrial particle assay.

Environmental agents as cause of health disorders in children presented at an outpatient unit of environmental medicine.

Prolonged survival after experimental paraquat intoxication: role of alternative antioxidants.

Effects of paraquat on essential antioxidant elements in osteogenic disorder Shionogi rat.

Role of catalase in the smooth muscle relaxant actions of sodium azide and cyanamide.

Paraquat-induced oxidative stress and dysfunction of the glutathione redox cycle in pulmonary microvascular endothelial cells.

Effect of vitamin C on plasma total antioxidant status in patients with paraquat intoxication.

Severe propanil [N-(3,4-dichlorophenyl) propanamide] pesticide self-poisoning.

Radioprotectants: current status and new directions.

[Herbicides and congenital malformations in Meta, Colombia].

A fatal human intoxication with the herbicide allyl alcohol (2-propen-1-ol).

Failure of continuous venovenous hemofiltration to prevent death in paraquat poisoning.

Serum protein acrolein adducts: utility in detecting oxidant stress in hemodialysis patients and reversal using a vitamin E-bonded hemodialyzer.

Two diarylurea electron transport inhibitors reduce *Staphylococcus aureus* hemolytic activity and protect cultured endothelial cells from lysis.

Elimination of $\cdot O(2)(-)/H(2)O(2)$ by alpha-lipoic acid mediates the recovery of basal EDRF/NO availability and the reversal of superoxide dismutase-induced relaxation in diabetic rat aorta.

Acrolein activates mitogen-activated protein kinase signal transduction pathways in rat vascular smooth muscle cells.

Combined calcium carbimide and ethanol treatment induces high blood acetaldehyde levels, myocardial apoptosis and altered expression of apoptosis-regulating genes in rat.

Confocal imaging of organic anion transport in intact rat choroid plexus.

The distribution of the anti-HIV drug, 2'3'-dideoxycytidine (ddC), across the blood-brain and blood-cerebrospinal fluid barriers and the influence of organic anion transport inhibitors.

Chemokine-independent preference for T-helper-1 cells in transendothelial migration.

Altered protein profile and possible hypoxia in the placenta of 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed rats.

Balancing risks in the management of contaminated first nations fisheries.

Toxicology and carcinogenesis study of chloral hydrate (ad libitum and dietary controlled) (CAS no. 302-17-0) in male B6C3F1 mice (gavage study).

Pulmonary effects of ultrafine and fine ammonium salts aerosols in healthy and monocrotaline-treated rats following short-term exposure.

P-cresol, a uremic toxin, decreases endothelial cell response to inflammatory cytokines.

Antenatal dexamethasone enhances endothelin-1 synthesis and gene expression in the heart in congenital diaphragmatic hernia in rats.

Cell-type specificity of ectonucleotidase expression and upregulation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Indirect effects of oral tolerance to ovalbumin interfere with the immune responses triggered by *Schistosoma mansoni* eggs.

Lipid metabolism and neuropsychological follow-up study of workers exposed to 2,3,7,8-tetrachlorodibenzo- p-dioxin.

Arsenic induces peroxynitrite generation and cyclooxygenase-2 protein expression in aortic endothelial cells: possible role in atherosclerosis.

Bioavailability of caseinophosphopeptide-bound iron.

Fibrinogen induces chemotactic activity in endothelial cells.

Activation of adenosine triphosphate-sensitive potassium channels confers protection against rotenone-induced cell death: therapeutic implications for Parkinson's disease.

Endothelial PAS domain protein 1 (EPAS1) induces adrenomedullin gene expression in cardiac myocytes: role of EPAS1 in an inflammatory response in cardiac myocytes.

Angiopoietin-1 and VEGF in vascular development and angiogenesis in hypoplastic lungs.

Flavopiridol inhibits vascular endothelial growth factor production induced by hypoxia or picolinic acid in human neuroblastoma.

Low doses of 2,3,7,8-tetrachlorodibenzo- p-dioxin increase transforming growth factor beta and cause myocardial fibrosis in marmosets (*Callithrix jacchus*).

E-selectin modulates the malignant properties of T84 colon carcinoma cells.

Dinitrophenol pretreatment of rat ventricular myocytes protects against damage by metabolic inhibition and reperfusion.

Increased vascular endothelial growth factor peptide and gene expression in hypoplastic lung in nitrofen induced congenital diaphragmatic hernia in rats.

Effect of prenatal glucocorticoids and postnatal nitric oxide inhalation on survival of newborn rats with nitrofen-induced congenital diaphragmatic hernia.

Tumor necrosis factor-alpha and interleukin-1beta mediate the production of nitric oxide involved in the pathogenesis of ifosfamide induced hemorrhagic cystitis in mice.

A proteasome inhibitor confers cardioprotection.

Epoetin alpha in elective coronary and valve surgery in Jehovah's Witnesses patients. Experience in 45 patients.

Overexpression of alcohol dehydrogenase exacerbates ethanol-induced contractile defect in cardiac myocytes.

Angiotensin protects cortical neurons from hypoxic-induced apoptosis via the angiotensin type 2 receptor.

An autopsy case of poisoning by massive absorption of cresol a short time before death.

Recurrent stroke in a young patient with celiac disease and hyperhomocysteinemia.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on trace elements, inflammation and viral clearance in the myocardium during coxsackievirus B3 infection in mice.

Skin irritation typing and grading based on laser Doppler perfusion imaging.

Role of sarcolemmal K(ATP) channels in cardioprotection against ischemia/reperfusion injury in mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in the zebrafish embryo: altered regional blood flow and impaired lower jaw development.

Anti-platelet and anti-thrombotic effects of triacetylshikimic acid in rats.

A dynamic role for the Ah receptor in cell signaling? Insights from a diverse group of Ah receptor interacting proteins.

Adenoviral-mediated overexpression of catalase inhibits endothelial cell proliferation.

Differential influences of various arsenic compounds on glutathione redox status and antioxidative enzymes in porcine endothelial cells.

Extravascular collagen in the human epileptic brain: a potential substrate for aberrant cell migration in cases of temporal lobe epilepsy.

Expression, cellular distribution and induction of cytochrome p4501A (CYP1A) in gilthead seabream, Sparus aurata, brain.

Bioavailability of the isomer mixture of phytoene and phytofluene-rich alga Dunaliella bardawil in rat plasma and tissues.

Internalization of basic fibroblast growth factor at the mouse blood-brain barrier involves perlecan, a heparan sulfate proteoglycan.

Atypical mechanism of NF-kappaB activation during reoxygenation stress in microvascular endothelium: a role for tyrosine kinases.

Role of oxidative phosphorylation and ATP release in mediating birth-related pulmonary vasodilation in fetal lambs.

Differential sensitivity of inward rectifier K⁺ channels to metabolic inhibitors.

cDNA cloning and expressions of cytochrome P450 1A in zebrafish embryos.

Portal absorption of ¹⁴C after ingestion of spiked milk with ¹⁴C-phenanthrene, ¹⁴C-benzo[a]pyrene or ¹⁴C-TCDD in growing pigs.

2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in the zebrafish embryo: local circulation failure in the dorsal midbrain is associated with increased apoptosis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in the zebrafish embryo: local circulation failure in the dorsal midbrain is associated with increased apoptosis.

Opening of ATP-sensitive potassium channels causes generation of free radicals in vascular smooth muscle cells.

The effect of oxidative stress on ERalpha and ERbeta expression.

Tissue-specific expression of AHR2, ARNT2, and CYP1A in zebrafish embryos and larvae: effects of developmental stage and 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Regulation of endothelin synthesis by extracellular matrix in human endothelial cells.

Isoflurane-induced facilitation of the cardiac sarcolemmal K(ATP) channel.

Differential modulation of the cardiac adenosine triphosphate-sensitive potassium channel by isoflurane and halothane.

The origin of calcium overload in rat cardiac myocytes following metabolic inhibition with 2,4-dinitrophenol.

Candida albicans expresses a focal adhesion kinase-like protein that undergoes increased tyrosine phosphorylation upon yeast cell adhesion to vitronectin and the EA.hy 926 human endothelial cell line.

Sensory nerve-mediated nasal vasodilatory response to inspired ethyl acrylate.

Functional expression and localization of P-glycoprotein at the blood brain barrier.

Stereoselective transport of histidine in rat lung microvascular endothelial cells.

beta-very low density lipoprotein enhances inducible nitric oxide synthase expression in cytokine-stimulated vascular smooth muscle cells.

Microfilament-dependent movement of the beta3 integrin subunit within focal contacts of endothelial cells.

Evidence for high activity of xylem parenchyma and ray cells in the interface of host stem and Agrobacterium tumefaciens-induced tumours of Ricinus communis.

Long-chain fatty acids increase basal metabolism and depolarize mitochondria in cardiac muscle cells.

Role of the cytoskeleton in mediating effect of vasopressin and herbimycin A on secretory K channels in CCD.

The action of 2,4-Dichlorophenoxyacetic acid on the isolated heart of insect and amphibia.

Aryl hydrocarbon receptor is required for prevention of blood clotting and for the development of vasculature and bone in the embryos of medaka fish, Oryzias latipes.

Influence of silymarin and its flavonolignans on doxorubicin-iron induced lipid peroxidation in rat heart microsomes and mitochondria in comparison with quercetin.

Expression and induction of the stress protein alpha-B-crystallin in vascular endothelial cells.

Red wine polyphenols increase calcium in bovine aortic endothelial cells: a basis to elucidate signalling pathways leading to nitric oxide production.

Thrombin-stimulated cell proliferation mediated through activation of Ras/Raf/MEK/MAPK pathway in canine cultured tracheal smooth muscle cells.

Effect of the new matrix metalloproteinase inhibitor RO-28-2653 on mitochondrial function.

Fluorescence resonance energy transfer between coumarin-derived mitochondrial F(1)-ATPase gamma subunit and pyrenylmaleimide-labelled fragments of IF(1) and c subunit.

NO synthesis, unlike respiration, influences intracellular oxygen tension.

Intracellular Ca²⁺ homeostatic regulation and 4-hydroxynonenal-induced aortic endothelial dysfunction.

Uptake of the antivasular agent 5,6-dimethylxanthenone-4-acetic acid (DMXAA) and activation of NF-kappaB in human tumor cell lines.

Rheological and biochemical examination of red blood cells after treatment with different pharmacological and toxic substances.

Involvement of oxidative stress in NF-kappaB activation in endothelial cells treated by photodynamic therapy.

Syndecan-4 mediates antithrombin-induced chemotaxis of human peripheral blood lymphocytes and monocytes.

Cytokine-activated Jak-2 is involved in inducible nitric oxide synthase expression independent from NF-kappaB activation in vascular smooth muscle cells.

Neutropenia induced by paraquat poisoning.

Subacute toxicity of anilofos, a new organophosphorus herbicide, in male rats: effect on some physical attributes and acetylcholinesterase activity.

Surfactant and corticosteroid effects on lung function in a rat model of acute lung injury.

Development of a field bioassay for the side-effects of herbicides on vascular plants using *Brassica napus* and *Poa annua*.

Cardiac gene expression and synthesis of atrial natriuretic peptide in the nitrofen model of congenital diaphragmatic hernia in rats: effect of prenatal dexamethazone treatment.

Oxidized forms of peroxiredoxins and DJ-1 on two-dimensional gels increased in response to sublethal levels of paraquat.

Amine metabolism: a novel path to coronary artery vasospasm.

Inhibition of oxygen consumption by pentachlorophenol and tetrachloroguaiacol in rainbow trout (*Oncorhynchus mykiss*).

Gender difference in cytoprotection induced by estrogen on female and male bovine aortic endothelial cells.

Antifouling paint booster biocides in the UK coastal environment and potential risks of biological effects.

Metabolic complications of organophosphate and carbamate poisoning.

Toxicokinetics of atrazine in embryos of the zebrafish (*Danio rerio*).

Release of markedly increased quantities of prostaglandin D2 from the skin in vivo in humans after the application of cinnamic aldehyde.

Prenatal exposure to nitrofen induces Fryns phenotype in mice.

Toxic effects of the herbicide 2,4-dichlorophenoxyacetic acid on lymphoid organs of the rat.

Association of transposition of the great arteries in infants with maternal exposures to herbicides and rodenticides.

Effect of the herbicide glyphosate on enzymatic activity in pregnant rats and their fetuses.

Effect of cigarette smoke extract on neonatal porcine vascular smooth muscle cells.

Mitochondria enter the nucleus (one further problem in chronic alcoholism).

Pesticides directly accelerate the rate of alpha-synuclein fibril formation: a possible factor in Parkinson's disease.

Hyperbaric oxygenation pretreatment induces catalase and reduces infarct size in ischemic rat myocardium.

Chronic low-level administration of diquat increases the nociceptive response to gastric distension in rats: role of mast cells and tachykinin receptor activation.

1,N(2)-propanodeoxyguanosine adduct formation in aortic DNA following inhalation of acrolein.

Sensory-nerve-mediated nasal vasodilatory response to inspired acetaldehyde and acetic acid vapors.

Impaired activity of the extraneuronal monoamine transporter system known as uptake-2 in Orct3/Slc22a3-deficient mice.

Partial characterization of genes whose transcripts accumulate preferentially in cell clusters at the earliest stage of carrot somatic embryogenesis.

Inhibitory effect of 2'-O-benzoylcinnamaldehyde on vascular endothelial cell proliferation and migration.

Transport of [3H]MPP+ in an immortalized rat brain microvessel endothelial cell line (RBE 4).

Acetaldehyde, a metabolite of ethanol, activates the hypothalamic-pituitary-adrenal axis in the rat.

Disruption of erythropoiesis by dioxin in the zebrafish.

Macrophage migration inhibitory factor as a redox-sensitive cytokine in cardiac myocytes.

Severity of oxidative stress generates different mechanisms of endothelial cell death.

[A case of fatal acute sodium azide poisoning].

p73 is a growth-regulated protein in vascular smooth muscle cells and is present at high levels in human atherosclerotic plaque.

Complestatin is a noncompetitive peptide antagonist of N-methyl-D-aspartate and alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid/kainate receptors: secure blockade of ischemic neuronal death.

Regulated expression of GRP78 during vasopressin-induced hypertrophy of heart-derived myocytes.

Selection of hybrids and edible citrus species with a high content in the diosmin functional compound. Modulating effect of plant growth regulators on contents.

Cardioprotective effect of propranolol from alcohol-induced heart muscle damage as assessed by plasma cardiac troponin-t.

Health effects of dioxin exposure: a 20-year mortality study.

Fetal tracheal occlusion in the rat model of nitrofen-induced congenital diaphragmatic hernia: tracheal occlusion reverses the arterial structural abnormality.

Pinacidil prevents membrane depolarisation and intracellular Ca²⁺ loading in single cardiomyocytes exposed to severe metabolic stress.

Effects of chronic sodium azide on brain and muscle cytochrome oxidase activity: a potential model to investigate environmental contributions to neurodegenerative diseases.

Neural crest-derived defects in experimental congenital diaphragmatic hernia.

Gene expression of insulin-like growth factor-1 and epidermal growth factor is downregulated in the heart of rats with nitrofen-induced diaphragmatic hernia.

Structural immaturity of the heart in congenital diaphragmatic hernia in rats.

A randomized study of oral vs intravenous iron supplementation in patients with progressive renal insufficiency treated with erythropoietin.

Correlation of cardiotoxicity mediated by halogenated aromatic hydrocarbons to aryl hydrocarbon receptor activation.

Phosphorylation of xanthine dehydrogenase/oxidase in hypoxia.

[Prognostic indexes derived from ventricular morphology in congenital diaphragmatic hernia induced by nitrofen].

Comparative biodistribution and metabolism of carbon-11-labeled N-[2-(dimethylamino)ethyl]acridine-4-carboxamide and DNA-intercalating analogues.

Oxygen-induced vasodilation is blunted in pulmonary arterioles from fetal rats with nitrofen-induced congenital diaphragmatic hernia.

Central retinal vein occlusion and nonarteritic ischemic optic neuropathy in 2 patients with mild iron deficiency anemia.

Acquired resistance to Ah receptor agonists in a population of Atlantic killifish (*Fundulus heteroclitus*) inhabiting a marine superfund site: in vivo and in vitro studies on the inducibility of xenobiotic metabolizing enzymes.

Uremic toxins and peritoneal dialysis.

Dioxin exposure is an environmental risk factor for ischemic heart disease.

[Volatile compounds in air and oral saliva in healthy people, and in periodontitis and gingivitis patients].

Effect of sodium arsenite on iNOS expression and vascular hyporeactivity associated with cecal ligation and puncture in the rat.

Longitudinal variation in muscle protein expression and contraction kinetics of largemouth bass axial muscle.

Cyclic stretch enhances the expression and activity of coronary endothelium-derived hyperpolarizing factor synthase.

Activation of p38 mitogen-activated protein kinases by endothelin and noradrenaline in small arteries, regulation by calcium influx and tyrosine kinases, and their role in contraction.

Histopathological alterations and induction of cytochrome P-450 1A in the liver and gills of the gilthead seabream (*Sparus aurata*) exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Lipid peroxidation end products-responeded induction of a preneoplastic marker enzyme glutathione S-transferase P-form (GST-P) in rat liver on admistration via the portal vein.

Toxicological relevance of the multidrug resistance protein 1, MRP1 (ABCC1) and related transporters.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) inhibition of coronary development is preceded by a decrease in myocyte proliferation and an increase in cardiac apoptosis.

Melatonin suppresses homocysteine enhancement of serotonin-induced vasoconstriction in the human umbilical artery.

Identification of biochemical pathways for the metabolism of oxidized low-density lipoprotein derived aldehyde-4-hydroxy trans-2-nonenal in vascular smooth muscle cells.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on corticotrophin-releasing hormone, arginine vasopressin, and pro-opiomelanocortin mRNA levels in the hypothalamus of the cynomolgus monkey.

Reductions in systemic oxygen delivery induce a hypometabolic state in the turtle *Trachemys scripta*.

In vitro assay of collagen gel contraction by cardiac fibroblasts in serum-free conditions.

Lidocaine and mexiletine inhibit mitochondrial oxidation in rat ventricular myocytes.

Effect of *Semecarpus anacardium* nuts on lipid peroxidation.

An ATP-sensitive K(+) conductance in dissociated neurones from adult rat intracardiac ganglia.

TAT peptide on the surface of liposomes affords their efficient intracellular delivery even at low temperature and in the presence of metabolic inhibitors.

Glyoxal and methylglyoxal trigger distinct signals for map family kinases and caspase activation in human endothelial cells.

Hypoxia-induced upregulation of eNOS gene expression is redox-sensitive: a comparison between hypoxia and inhibitors of cell metabolism.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptotic cell death and cytochrome P4501A expression in developing *Fundulus heteroclitus* embryos.

A new technique for measuring the cell growth and metabolism of endothelial cells seeded on vascular prostheses.

Intraocular pressure and vascular effects of sodium azide in bovine perfused eye.

c-Jun N-terminal kinase activation by hydrogen peroxide in endothelial cells involves SRC-dependent epidermal growth factor receptor transactivation.

Requirement of chondroitin sulfate/dermatan sulfate recognition in midkine-dependent migration of macrophages.

Involvement of Rho-kinase and tyrosine kinase in hypotonic stress-induced ATP release in bovine aortic endothelial cells.

Delivery of genes encoding cardiac K(ATP) channel subunits in conjunction with pinacidil prevents membrane depolarization in cells exposed to chemical hypoxia-reoxygenation.

Mitogenic effect of oxidized low-density lipoprotein on vascular smooth muscle cells mediated by activation of Ras/Raf/MEK/MAPK pathway.

ATP consumption by uncoupled mitochondria activates sarcolemmal K(ATP) channels in cardiac myocytes.

Binding of levosimendan, a calcium sensitizer, to cardiac troponin C.

Quantitative exposure assessment: application of physiologically-based pharmacokinetic (PBPK) modeling of low-dose, long-term exposures of organic acid toxicant in the brain.

Src tyrosine kinases and extracellular signal-regulated kinase 1/2 mitogen-activated protein kinases mediate pressure-induced c-fos expression in cannulated rat mesenteric small arteries.

Long-term toxic impact of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the reproduction, sexual differentiation, and development of different life stages of *Gobiocypris rarus* and *Daphnia magna*.

Acyl-CoA-binding protein in the armadillo Harderian gland: its primary structure and possible role in lipid secretion.

Role of copper ions and cytochrome P450 in the vasodilator actions of the nitroxyl anion generator, Angeli's salt, on rat aorta.

Kinetics of monochloroacetic acid in adult male rats after intravenous injection of a subtoxic and a toxic dose.

Upregulation of angiotensin-converting enzyme by vascular endothelial growth factor.

Outside-in signaling pathway linked to CD146 engagement in human endothelial cells.

Cultured rat vascular smooth muscle cells are resistant to methylamine toxicity: no correlation to semicarbazide-sensitive amine oxidase.

Oral versus intravenous iron supplementation in peritoneal dialysis patients.

Contrasting effects of midazolam on induction of heat shock protein 27 by vasopressin and heat in aortic smooth muscle cells.

Adenosine diphosphate ribose dilates bovine coronary small arteries through apyrase- and 5'-nucleotidase-mediated metabolism.

Metabolic fate of [14C]-ethanol into endothelial cell phospholipids including platelet-activating factor, sphingomyelin and phosphatidylethanol.

Health risks posed by use of Di-2-ethylhexyl phthalate (DEHP) in PVC medical devices: a critical review.

Relationship between flow rate and NO production in postnatal mesenteric arteries.

The in vitro evaluation of the toxicities of three related herbicide formulations containing ester derivatives of 2,4,5-T and 2,4-D using sub-mitochondrial particles.

Hypothalamo-pituitary-adrenal axis activation by administration of cyanamide: a potent inhibitor of aldehyde dehydrogenase.

Increase in production of ascorbate radical in tissues of rat treated with paraquat.

[Hypersensitivity vasculitis caused by the herbicide containing the isopropylamine salt of glyphosate].

Correlating the severity of paraquat poisoning with specific hemodynamic and oxygen metabolism variables.

A fatal case of chlorate poisoning: confirmation by ion chromatography of body fluids.

Paraquat-induced membrane dysfunction in pulmonary microvascular endothelial cells.

Ligation of the bronchial artery in sheep attenuates early pulmonary changes following exposure to smoke.

Stimulated pulmonary cell hyperplasia underlies resistance to alpha-naphthylthiourea.

Clinical effects and plasma concentration determination after 2,4-dichlorophenoxyacetic acid 200 mg/kg administration in the dog.

A case of transient diabetes insipidus associated with poisoning by a herbicide containing glufosinate.

A case of fatal diquat poisoning: toxicokinetic data and autopsy findings.

Mechanisms of toxicity, clinical features, and management of acute chlorophenoxy herbicide poisoning: a review.

Time course of changes in endothelium-dependent and -independent relaxation of chronically diabetic aorta: role of reactive oxygen species.

Antenatal dexamethasone enhances endothelin receptorB expression in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats.

Antenatal dexamethasone improves atrial natriuretic peptide receptors in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats.

Inhibition of cellular action of thrombin by N3-cyclopropyl-7-[[4-(1-methylethyl)phenyl]methyl]-7H-pyrrolo[3, 2-f]quinazoline-1,3-diamine (SCH 79797), a nonpeptide thrombin receptor antagonist.

Relationship of MTT reduction to stimulants of muscle metabolism.

Antiapoptotic and antigenotoxic effects of N-acetylcysteine in human cells of endothelial origin.

Characterization of S-triazine herbicide metabolism by a Nocardioides sp. isolated from agricultural soils.

Xenobiotic-mediated production of superoxide by primary cultures of rat cerebral endothelial cells, astrocytes, and neurones.

Induction of rat hepatic aryl sulfotransferase (SULT1A1) gene expression by triamcinolone acetonide: impact on minoxidil-mediated hypotension.

Cyanamide-induced activation of the hypothalamo-pituitary-adrenal axis.

DNA damage in arsenite- and cadmium-treated bovine aortic endothelial cells.

Bovine embryo culture in vitro: new developments and post-transfer consequences.

[Long-term effects of dioxin on human health and sex ratio].

Prenatal dexamethasone rescues heart hypoplasia in fetal rats with congenital diaphragmatic hernia.

Spinotrapezius muscle microcirculatory function: effects of surgical exteriorization.

In vivo labeling of mitochondrial complex I (NADH:ubiquinone oxidoreductase) in rat brain using [(3)H]dihydrorotenone.

Lung hypoplasia in the nitrofen model of congenital diaphragmatic hernia occurs early in development.

Chronic peritoneal inflammation by cyanate in rats.

[Diagnosis of acute poisoning].

Elective coronary and valve surgery without blood transfusion in patients treated with recombinant human erythropoietin (epoetin-alpha).

Pharmacological treatment of obesity. Past, present, and future.

The transcriptional signature of dioxin in human hepatoma HepG2 cells.

Heart-related indices in experimental diaphragmatic hernia.

Injection of iron compounds followed by induction of the stress response causes tissue injury and apoptosis.

Central versus peripheral mediation of naloxone's perfusion effects in endotoxic rats.

Pseudomonas pickettii: a common soil and groundwater aerobic bacteria with pathogenic and biodegradation properties.

Selective involvement of reactive oxygen intermediates in platelet-activating factor-mediated activation of NF-kappaB.

Effect of prenatal tetrandrine therapy on pulmonary vascular structural remodeling in the nitrofen-induced CDH rat model.

Low concentrations of 17beta-estradiol protect single cardiac cells against metabolic stress-induced Ca²⁺ loading.

Comparison of HOCl traps with myeloperoxidase inhibitors in prevention of low density lipoprotein oxidation.

Determination of plasma concentrations of losartan in patients by HPLC using solid phase extraction and UV detection.

Stretch-dependent modulation of contractility and growth in smooth muscle of rat portal vein.

Alterations of the rat mesentery vasculature in experimental diabetes.

Redistribution of accumulated 2,3,7,8-tetrachlorodibenzo-p-dioxin during coxsackievirus B3 infection in the mouse.

Inhibitory effects of nitric oxide and nitrosative stress on dopamine-beta-hydroxylase.

Antiplatelet therapy alters iron requirements in hemodialysis patients.

Dinitrophenol, cyclosporin A, and trimetazidine modulate preconditioning in the isolated rat heart: support for a mitochondrial role in cardioprotection.

A role for focal adhesion kinase in phenylephrine-induced hypertrophy of rat ventricular cardiomyocytes.

Arsenic and portal hypertension.

Ligation of IgE receptors causes an anaphylactic response and neutrophil infiltration but does not induce eosinophilic inflammation in mice.

Astrocytes generate isoprostanes in response to trauma or oxygen radicals.

Effect of CGS 26303, an endothelin-converting enzyme-neutral endopeptidase inhibitor, on nitrofen-induced congenital diaphragmatic hernia in the rat.

Human health effects after exposure to 2,3,7,8-TCDD.

Non-carcinogenic effects of TCDD in animals.

Parkinson's disease mortality and pesticide exposure in California 1984-1994.

Metabolic control of sodium transport in streptozotocin-induced diabetic rat hearts.

Blockade of adenosine triphosphate-sensitive potassium channels by thiamylal in rat ventricular myocytes.

Inhibition of irritation and contact hypersensitivity by phenoxyacetic acid methyl ester in mice.

The impact of 4-chloro-m-cresol in heparin formulas on malignant hyperthermia: in vitro and in vivo.

Iron supplementation improves endurance after training in iron-depleted, nonanemic women.

Effects of TCDD on thyroid hormone homeostasis in the rat.

Mechanisms of parenchymal cell death in-vivo after microvascular hemorrhage.

Anemia: a cause of intolerance to thyroxine sodium.

Morphologic, biochemical and molecular mitochondrial changes during reperfusion phase following brief renal ischemia.

Infusion of total dose iron versus oral iron supplementation in ambulatory peritoneal dialysis patients: a prospective, cross-over trial.

Antenatal dexamethasone administration inhibits smooth-muscle-cell DNA synthesis in pulmonary-arterial media in nitrofen-induced congenital diaphragmatic hernia in rats.

The hypoplastic heart in congenital diaphragmatic hernia: reduced expression of basic fibroblast growth factor and platelet-derived growth factor.

Effects of iron salts and haemosiderin from a thalassaemia patient on oxygen radical damage as measured in the comet assay.

Lipid alterations in transient forebrain ischemia: possible new mechanisms of CDP-choline neuroprotection.

Reproductive success and chlorinated hydrocarbon contamination in tree swallows (*Tachycineta bicolor*) nesting along rivers receiving pulp and paper mill effluent discharges.

Calpain-mediated proteolytic cleavage of troponin I induced by hypoxia or metabolic inhibition in cultured neonatal cardiomyocytes.

Evaluation of beta-galactosidase activity in tissue in the presence of blood.

Uncoupling of ATP-sensitive potassium current from cell metabolism due to antisense oligonucleotides against sulfonylurea receptor in guinea-pig atrial myocytes.

Monomethylarsonic acid reductase and monomethylarsonous acid in hamster tissue.

Differential effects of estrogen and progesterone on AT(1) receptor gene expression in vascular smooth muscle cells.

Somatic embryogenesis and plant regeneration in chrysanthemum (*Dendranthema grandiflorum* (Ramat.) Kitamura).

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of different cytotoxins on cytochrome P450 isoforms expression and on glycogen content.

Endotoxin (lipopolysaccharide)-induced nitric oxide production in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated Fischer rats: detection of nitrosyl hemoproteins by EPR spectroscopy.

Conditional disruption of the aryl hydrocarbon receptor nuclear translocator (Arnt) gene leads to loss of target gene induction by the aryl hydrocarbon receptor and hypoxia-inducible factor 1 α .

Angiotensin II stimulates extracellular signal-regulated kinase activity in intact pressurized rat mesenteric resistance arteries.

Developmental and tissue-specific expression of AHR1, AHR2, and ARNT2 in dioxin-sensitive and -resistant populations of the marine fish *Fundulus heteroclitus*.

Hemodynamic dysfunction and cytochrome P4501A mRNA expression induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin during embryonic stages of lake trout development.

Characterization of cardiotoxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related chemicals during early chick embryo development.

Portosystemic shunting and persistent fetal vascular structures in aryl hydrocarbon receptor-deficient mice.

Simultaneous measurement of ERK, p38, and JNK MAP kinase cascades in vascular smooth muscle cells.

Determination of azide in blood and urine by gas chromatography-mass spectrometry.

Development of clover yellow vein virus as an efficient, stable gene-expression system for legume species.

Induction of angiotensin-converting enzyme by oncostatin m in human endothelial cells.

The macromolecular associations of heat shock protein-27 in vascular smooth muscle.

TP receptor-mediated vasoconstriction in microperfused afferent arterioles: roles of O₂(-) and NO.

Doxorubicin represses CARP gene transcription through the generation of oxidative stress in neonatal rat cardiac myocytes: possible role of serine/threonine kinase-dependent pathways.

Differential sensitivity to hydroxyl radicals of pre- and postjunctional neurovascular transmission in the isolated canine mesenteric vein.

Molecular characterization and developmental expression of the aryl hydrocarbon receptor from the chick embryo.

On the cardiac contractile, electrophysiological and biochemical effects of endothall, a protein phosphatase inhibitor.

Ventricular preexcitation sensitive to flecainide in late stage chick embryo ECGs: 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs inotropic but not chronotropic or dromotropic responses to isoproterenol and confers resistance to flecainide.

Effects of VEGF on Ca²⁺-transient in cultured lymphatic endothelial cells and mechanical activity of isolated lymph vessels.

Pathological changes of hepatic artery and portal vein, after allyl-alcohol and carbon tetrachloride administration. An experimental study.

Specific inhibition of stretch-induced increase in L-type calcium channel currents by herbimycin A in canine basilar arterial myocytes.

Nitric oxide enhances expression and shedding of tumor necrosis factor receptor I (p55) in endothelial cells.

Purification, characterization, and localization of an ATP diphosphohydrolase in porcine kidney.

ATP-sensitive potassium channels in capillaries isolated from guinea-pig heart.

Cloning and functional characterization of the bile acid-sensitive methotrexate carrier from rat liver cells.

Attenuation of pressure-induced myogenic contraction and tyrosine phosphorylation by fasudil, a cerebral vasodilator, in rat cerebral artery.

Orosomucoid has a cAMP-dependent effect on human endothelial cells and inhibits the action of histamine.

Neuroeffector transmission to different layers of smooth muscle in the rat penile bulb.

Mechanisms of fibroblast growth factor 2 intracellular processing: a kinetic analysis of the role of heparan sulfate proteoglycans.

Hypoxia induces transcription of the plasminogen activator inhibitor-1 gene through genistein-sensitive tyrosine kinase pathways in vascular endothelial cells.

TCDD induces CYP1A4 and CYP1A5 in chick liver and kidney and only CYP1A4, an enzyme lacking arachidonic acid epoxygenase activity, in myocardium and vascular endothelium.

Tyrosine-kinase dependent TGF-beta and extracellular matrix expression by mechanical stretch in vascular smooth muscle cells.

In-vivo and in-vitro evidence of a carrier-mediated efflux transport system for oestrone-3-sulphate across the blood-cerebrospinal fluid barrier.

Angiotensin II stimulates endothelial vascular cell adhesion molecule-1 via nuclear factor-kappaB activation induced by intracellular oxidative stress.

Polyamines in the lung: polyamine uptake and polyamine-linked pathological or toxicological conditions.

The role of protein-tyrosine phosphorylation and gelatinase production in the migration and proliferation of smooth muscle cells.

Cytoskeletal alterations in lipopolysaccharide-induced bovine vascular endothelial cell injury and its prevention by sodium arsenite.

Thiobencarb-induced embryotoxicity in medaka (*Oryzias latipes*): stage-specific toxicity and the protective role of chorion.

Identification and characterization of a novel hepatic canalicular ATP diphosphohydrolase.

Estrogen stimulates heat shock protein 90 binding to endothelial nitric oxide synthase in human vascular endothelial cells. Effects on calcium sensitivity and NO release.

Experimental exposure of rat skin to methyl bromide: a toxicokinetic and histopathological study.

Elevated perfusion pressure upregulates endothelin-1 and endothelin B receptor expression in the rabbit carotid artery.

Cellular stress inhibits vascular smooth muscle relaxation.

Cytochrome c release from mitochondria of early postimplantation murine embryos exposed to 4-hydroperoxycyclophosphamide, heat shock, and staurosporine.

Functional analysis of a disulfide bond in the cardiac Na⁽⁺⁾-Ca⁽²⁺⁾ exchanger.

Enhancement of transport of D-melphalan analogue by conjugation with L-glutamate across bovine brain microvessel endothelial cell monolayers.

Heparin and in-vitro experimental lung hypoplasia.

Uncoupling effect of anacardic acids from cashew nut shell oil on oxidative phosphorylation of rat liver mitochondria.

Pressure-induced upregulation of preproendothelin-1 and endothelin B receptor expression in rabbit jugular vein in situ : implications for vein graft failure?

Rapid lethal intoxication caused by the herbicide glyphosate-trimesium (Touchdown).

Nitrofen-induced congenital malformations of the heart and great vessels in rats: an animal model.

trans-Activation of PPAR α and PPAR γ by structurally diverse environmental chemicals.

Maternal exposure to atrazine during lactation suppresses suckling-induced prolactin release and results in prostatitis in the adult offspring.

A mechanism of paraquat toxicity involving nitric oxide synthase.

Cardiogenic shock in a patient with glyphosate-surfactant poisoning.

Fatal paraquat poisoning: report of two cases.

Acute basagran poisoning mimicking neuroleptic malignant syndrome.

Role of glutathione S-transferase 8-8 in allylamine resistance of vascular smooth muscle cells in vitro.

Long-term respiratory health effects of the herbicide, paraquat, among workers in the Western Cape.

Selected phenolic compounds in cultivated plants: ecologic functions, health implications, and modulation by pesticides.

Acute poisoning with a herbicide containing imazapyr (Arsenal): a report of six cases.

SODs are involved in the regulation of ICAM-1 expression in human melanoma and endothelial cells.

Current status of acrolein as a lipid peroxidation product.

Increased activity of H₂O₂ in aorta isolated from chronically streptozotocin-diabetic rats: effects of antioxidant enzymes and enzymes inhibitors.

Auxin is required for leaf vein pattern in Arabidopsis.

Sensory nerve-mediated immediate nasal responses to inspired acrolein.

Transendothelial permeability changes induced by free radicals in an in vitro model of the blood-brain barrier.

Superoxide production from paraquat evoked by exogenous NADPH in pulmonary endothelial cells.

[Dietary fiber inhibits the incidence of hepatic metastasis with the anti-oxidant activity and portal scavenging functions].

[Absence of cardiac hypoplasia in an experimental model of congenital diaphragmatic hernia].

Reactive oxygen species in essential hypertension and non-insulin-dependent diabetes mellitus.

Occupational exposures and risk of gastric cancer in a population-based case-control study.

Apamin-sensitive conductance mediates the K(+) current response during chemical ischemia in CA3 pyramidal cells.

Taurine prevents high-glucose-induced human vascular endothelial cell apoptosis.

Fatal privet (*Ligustrum amurensis*) toxicosis in Tennessee cows.

[Biological actions of acetaldehyde].

Interspecies differences in cancer susceptibility and toxicity.

Digoxin delays recovery from tachycardia-induced electrical remodeling of the atria.

Erosive injury to the upper gastrointestinal tract in patients receiving iron medication: an underrecognized entity.

Cardiovascular malformations in congenital diaphragmatic hernia: human and experimental studies.

Long term substitution and specific immune responses after transfer of bovine peripheral blood lymphocytes into severe combined immunodeficient mice.

Ferrous sulfate toxicity: a review of autopsy findings.

Balloon angioplasty induces heat shock protein 70 in human blood vessels.

Connective tissue responses to calcium hydroxide-based root canal medicaments.

Cardiovascular malformations in experimental congenital diaphragmatic hernia.

Central control of blood pressure by nitrergic mechanisms in organum vasculosum laminae terminalis of rat brain.

Heat shock protein expression protects against cerebral ischemia and monoamine overload in rat heatstroke.

4-chloro-m-cresol is a trigger of malignant hyperthermia in susceptible swine.

4-chloro-m-cresol triggers malignant hyperthermia in susceptible swine at doses greatly exceeding those found in drug preparations.

Cancer, heart disease, and diabetes in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Heart hypoplasia in experimental congenital diaphragmatic hernia.

Involvement of tyrosine protein kinase in IFN-gamma-induced human endothelial cell apoptosis.

Toxicity of 3,3',4,4'-tetrachloroazoxybenzene in rats and mice.

N-acetylneuraminic acid transport by *Streptococcus oralis* strain AR3.

Nitcapone inhibits myeloperoxidase in vitro and enhances functional performance after 8 h of ischemia in experimental heart transplantation.

The effects of low-flow ischemia on K⁺ fluxes in isolated rat hearts assessed by ⁸⁷Rb NMR.

Heat-shock protein-73 protects against small intestinal warm ischemia-reperfusion injury in the rat.

Mechanisms of hypoxic vasodilatation of isolated rat mesenteric arteries: a comparison with metabolic inhibition.

Ex vivo evaluation of a Taylor-Couette flow, immobilized heparinase I device for clinical application.

Tumor necrosis factor-alpha stimulates attachment of small cell lung carcinoma to endothelial cells.

Plasmodium falciparum and *Plasmodium yoelii*: effect of the iron chelation prodrug dexrazoxane on in vitro cultures.

The tracheobronchial tree is abnormal in experimental congenital diaphragmatic hernia.

Pulmonary neuroendocrine cells in nitrofen-induced diaphragmatic hernia and the effect of prenatal glucocorticoids.

Mortality in a cohort of licensed pesticide applicators in Florida.

Iron-mediated cardiotoxicity develops independently of extracellular hydroxyl radicals in isolated rat hearts.

Improved functional recovery of ischemic rat hearts due to singlet oxygen scavengers histidine and carnosine.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters cardiovascular and craniofacial development and function in sac fry of rainbow trout (*Oncorhynchus mykiss*).

Inhibitory mechanisms of glycoprotein fraction derived from *Miscanthus sinensis* for the immediate phase response of an IgE-mediated cutaneous reaction.

Measurements of mitochondrial K⁺ fluxes in whole rat hearts using ⁸⁷Rb-NMR.

Cytotoxicity of cadmium and characteristics of its transport in cardiomyocytes.

Effect of overproduction of interleukin 5 on dinitrofluorobenzene-induced allergic cutaneous response in mice.

Lipopolysaccharides and cytokines downregulate the angiotensin II type 2 receptor in rat cardiac fibroblasts.

Tyrosine phosphorylation of caveolin-1 in the endothelium.

Localization of K⁽⁺⁾ channels in the tubules of cardiomyocytes as suggested by the parallel decay of membrane capacitance, IK(1) and IK(ATP) during culture and by delayed IK(1) response to barium.

Ecto-ATPase activity in the rat cardiac muscle: biochemical characteristics and histochemical localization.

Vascular endothelial growth factor activates MAP kinase and enhances collagen synthesis in human mesangial cells.

The role of plasma semicarbazide-sensitive amine oxidase in allylamine and beta-aminopropionitrile cardiovascular toxicity: mechanisms of myocardial protection and aortic medial injury in rats.

Transmembrane signalling mechanisms regulating expression of cationic amino acid transporters and inducible nitric oxide synthase in rat vascular smooth muscle cells.

Myeloperoxidase-catalyzed redox-cycling of phenol promotes lipid peroxidation and thiol oxidation in HL-60 cells.

Dissimilar mechanisms of Ca⁽²⁺⁾ response to bradykinin in different types of juxtamedullary glomerular arterioles.

VEGF stimulates tyrosine phosphorylation of beta-catenin and small-pore endothelial barrier dysfunction.

Block of human aorta Kir6.1 by the vascular KATP channel inhibitor U37883A.

Induction of endothelial monolayer permeability by phosphatidate.

Involvement of alpha5beta1 integrins in interleukin 8 production induced by oral viridans streptococcal protein I/II_f in cultured endothelial cells.

Participation of different cell types in the restitutive response of the rat liver to periportal injury induced by allyl alcohol.

Role of ATP-dependent K(+) channels in the electrical excitability of early embryonic stem cell-derived cardiomyocytes.

Characteristics of apyrase (EC 3.6.1.5) on cultured bovine endocardial endothelial cells.

Hydrolysis of extracellular adenine nucleotides by cultured bovine endocardial endothelial cells.

LDL stimulates mitogen-activated protein kinase phosphatase-1 expression, independent of LDL receptors, in vascular smooth muscle cells.

Immunotargeting of glucose oxidase: intracellular production of H₂O₂ and endothelial oxidative stress.

Cortical NADH during pharmacological manipulations of the respiratory chain and spreading depression in vivo.

Sarcoplasmic reticulum Ca²⁺ release by 4-chloro-m-cresol (4-CmC) in intact and chemically skinned ferret cardiac ventricular fibers.

In vivo and in vitro evidence of blood-brain barrier transport of a novel cationic arginine-vasopressin fragment 4-9 analog.

Choline uptake by mouse brain capillary endothelial cells in culture.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of various mitogens and cytotoxins on cytochrome P450 (P450) isoforms expression and on P450 mediated monooxygenase functions.

Hypoxic hypometabolism in the anesthetized turtle, *Trachemys scripta*.

Hydrogen peroxide stimulates tyrosine phosphorylation of focal adhesion kinase in vascular endothelial cells.

Propafenone blocks ATP-sensitive K⁺ channels in rabbit atrial and ventricular cardiomyocytes.

17beta-estradiol induces protein thiol/disulfide oxidoreductases and protects cultured bovine aortic endothelial cells from oxidative stress.

Activation of Akt/protein kinase B after stimulation with angiotensin II in vascular smooth muscle cells.

Dynamic digital fluorescence ratio imaging of cell calcium in vascular endothelial cells.

Gender difference in baroreflex-mediated bradycardia in young rats: role of cardiac sympathetic and parasympathetic components.

Thrombospondin-1 induces tyrosine phosphorylation of adherens junction proteins and regulates an endothelial paracellular pathway.

Pasteurella haemolytica leukotoxin and endotoxin induced cytokine gene expression in bovine alveolar macrophages requires NF-kappaB activation and calcium elevation.

Active transport of fentanyl by the blood-brain barrier.

Structural analysis of angiotensin IV receptor (AT4) from selected bovine tissues.

Inhibition of both Na/H and bicarbonate-dependent exchange is required to prevent recovery of intracellular pH in single cardiomyocytes exposed to metabolic stress.

The relation between the action potential duration, the increase in resting tension, and ATP content during metabolic inhibition in guinea pig ventricular muscles.

Lysophosphatidylcholine activates mitogen-activated protein kinases by a tyrosine kinase-dependent pathway in bovine aortic endothelial cells.

Proton and electron transfer during the reduction of molecular oxygen by fully reduced cytochrome c oxidase: a flow-flash investigation using optical multichannel detection.

Isometric contraction induces the Ca²⁺-independent activation of the endothelial nitric oxide synthase.

Inactivation of myocardial dihydrolipoamide dehydrogenase by myeloperoxidase systems: effect of halides, nitrite and thiol compounds.

The adenine pocket of a single catalytic site is derivatized when the bovine heart mitochondrial F1-ATPase is photoinactivated with 4-amino-1-octylquinaldinium.

Possible involvement of a chloride-bicarbonate exchanger in apoptosis of endothelial cells and cardiomyocytes.

Prevention of reactive oxygen-induced endothelial cell injury by blocking its process.

Orientation change of cardiocytes induced by cyclic stretch stimulation: time dependency and involvement of protein kinases.

Role of cholinergic receptors and cholinesterase activity in hemodynamic responses to cocaine in conscious rats.

Endocytosis and exocytosis events regulate vesicle traffic in endothelial cells.

Fluid shear stress stimulates big mitogen-activated protein kinase 1 (BMK1) activity in endothelial cells. Dependence on tyrosine kinases and intracellular calcium.

Contribution of serum and cellular semicarbazide-sensitive amine oxidase to amine metabolism and cardiovascular toxicity.

Involvement of capsaicin-sensitive nerves in paraquat-induced mortality.

Postservice mortality of US Air Force veterans occupationally exposed to herbicides in Vietnam: 15-year follow-up.

The nature of antioxidant defense mechanisms: a lesson from transgenic studies.

The role of glutathione S-transferases as a defense against reactive electrophiles in the blood vessel wall.

Surfactant therapy restores gas exchange in lung injury due to paraquat intoxication in rats.

Dermatotoxicity of agricultural chemicals in the dorsal skin of hairless dogs.

Second follow-up of a Dutch cohort occupationally exposed to phenoxy herbicides, chlorophenols, and contaminants.

Nitric oxide inhalation for paraquat-induced lung injury.

Pulmonary arterioles from rats with congenital diaphragmatic hernias are hypoplastic but not hyperresponsive.

Hypoxic pulmonary vasoconstriction is impaired in rats with nitrofen-induced congenital diaphragmatic hernia.

The protective effect of 17 beta-estradiol on vasomotor responses of aorta from cholesterol-fed rabbit is reduced by inhibitors of superoxide dismutase and catalase.

Effect of dexamethasone on endothelial nitric oxide synthase in experimental congenital diaphragmatic hernia.

Nitro blue tetrazolium inhibits but does not mimic hypoxic vasoconstriction in isolated rabbit lungs.

Protein-bound acrolein: potential markers for oxidative stress.

Endothelin-1 pulmonary vasoconstriction in rats with diaphragmatic hernia.

Exposure to dioxin and nonneoplastic mortality in the expanded IARC international cohort study of phenoxy herbicide and chlorophenol production workers and sprayers.

Erythrocyte antioxidant systems protect cultured endothelial cells against oxidant damage.

Calcium signaling in airway smooth muscle cells is altered by in vitro exposure to the aldehyde acrolein.

Hypoxia-specific upregulation of calpain activity and gene expression in pulmonary artery endothelial cells.

Electronic spin resonance detection of superoxide and hydroxyl radicals during the reductive metabolism of drugs by rat brain preparations and isolated cerebral microvessels.

Increase of reactive oxygen species (ROS) in endothelial cells by shear flow and involvement of ROS in shear-induced c-fos expression.

Influence of incubation time and rinsing buffer on the distribution of the tracer lanthanum in canine heart muscle.

Antihypertensive and vasodilator actions of antioxidants in spontaneously hypertensive rats.

Expression of adhesion molecules by lp(a): a potential novel mechanism for its atherogenicity.

Concentrated cresol intoxication.

Mechanism of action of the nongenotoxic peroxisome proliferators: role of the peroxisome proliferator-activator receptor alpha.

Induction of heat shock protein-73 reduces ischemia-reperfusion injury in rat small intestine.

Heat shock proteins: protective effect and potential therapeutic use (review).

Occupational risk factors for cancer of the gastric cardia. Analysis of death certificates from 24 US states.

Metabolic recovery of isolated adult rat cardiomyocytes after energy depletion: existence of an ATP threshold?

Role of endothelial carbon monoxide in attenuated vasoreactivity following chronic hypoxia.

Nitric oxide inhibits stress-induced endothelial cell apoptosis.

Genesis of the uraemic syndrome: role of uraemic toxins.

Calcium-dependent nitric oxide production is involved in arsenite-induced micronuclei.

Heat shock protein expression protects against death following exposure to heatstroke in rats.

A case-control study of occupational and environmental risk factors for Parkinson's disease in the Emilia-Romagna region of Italy.

Cardiac teratogenicity of trichloroethylene metabolites.

Calcitonin gene-related peptide expression is altered in pulmonary neuroendocrine cells in developing lungs of rats with congenital diaphragmatic hernia.

Inhibition of guinea pig skin allergic reactions by nonpeptide bradykinin B2 receptor antagonist FR173657.

Urinary levels of inorganic and organic arsenic metabolites among residents in an arseniasis-hyperendemic area in Taiwan.

Use of model-based compartmental analysis to study effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on vitamin A kinetics in rats.

Reduced cardiac stiffness following exercise is associated with preserved myocardial collagen characteristics in the rat.

Administration of antenatal glucocorticoids prevents pulmonary artery structural changes in nitrofen-induced congenital diaphragmatic hernia in rats.

Atherosclerotic risks from chemicals: part II. A RASH analysis of in vitro and in vivo bioassay data to evaluate 45 potentially hazardous compounds.

Small dense low density lipoprotein has increased affinity for LDL receptor-independent cell surface binding sites: a potential mechanism for increased atherogenicity.

A novel dosage approach for evaluation of SMANCS [poly-(styrene-co-maleyl-half-n-butylate) - neocarcinostatin] in the treatment of primary hepatocellular carcinoma.

Intracellular signaling by reactive oxygen species during hypoxia in cardiomyocytes.

Intracellular Signal-transducing elements involved in transendothelial migration of lymphoma cells.

Respiratory and cardiovascular effects of the mu-opioid receptor agonist [Lys7]dermorphin in awake rats.

Atherogenic lipoproteins enhance mesangial cell expression of platelet-derived growth factor: role of protein tyrosine kinase and cyclic AMP-dependent protein kinase A.

[Clinical experience with iron supplementation in pregnancy].

Evaluation of cardiovascular outcomes among U.S. workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The Seveso studies on early and long-term effects of dioxin exposure: a review.

Activation of tissue-factor gene expression in breast carcinoma cells by stimulation of the RAF-ERK signaling pathway.

Inhibition of vascular and epithelial differentiation in murine nitrofen-induced diaphragmatic hernia.

Developmental differences in response of mesenteric artery to acute hypoxia in vitro.

Arsenate toxicity in human erythrocytes: characterization of morphologic changes and determination of the mechanism of damage.

Oxalate uptake in fetal rat myoblasts.

A computer-aided 3-D geometry of acute and chronic zonal necrosis: three-D tangent counting applied in an attempt to re-examine the structure of the human liver.

The genetics of endometriosis.

Plasma hydrogen peroxide production in hypertensives and normotensive subjects at genetic risk of hypertension.

Congenital diaphragmatic hernia--does the side of the defect influence the incidence of associated malformations?

Microangiopathic hemolytic anemia as a complication of diabetes mellitus.

Quantitative assessment of color vision impairment in workers exposed to toluene.

Micropreparation of tissue collagenase fragments of type I collagen in the form of surfactant-peptide complexes and their identification by capillary electrophoresis and partial sequencing.

Dioxin exposure and non-malignant health effects: a mortality study.

Acute intoxication with trichloroethene: clinical symptoms, toxicokinetics, metabolism, and development of biochemical parameters for renal damage.

Antenatal glucocorticoid therapy suppresses angiotensin-converting enzyme activity in rats with nitrofen-induced congenital diaphragmatic hernia.

Arsenic species in drinking water, hair, fingernails, and urine of patients with blackfoot disease.

The epidemiology of Parkinson's disease in an Australian population.

Endotracheal inhalatory sodium nitroprusside in severely hypoxic newborns.

Measurement of reactive oxygen species by chemiluminescence in diet-induced atherosclerosis: protective roles of vitamin E and probucol on different radical species.

Protective effects of nicaraven, a new hydroxyl radical scavenger, on the endothelial dysfunction after exposure of pig coronary artery to hydroxyl radicals.

Endothelial cell intracellular Ca²⁺ concentration is increased upon breast tumor cell contact and mediates tumor cell transendothelial migration.

Pulmonary vascular balance in congenital diaphragmatic hernia: enhanced endothelin-1 gene expression as a possible cause of pulmonary vasoconstriction.

Effect of prenatal glucocorticoids on pulmonary vascular muscularisation in nitrofen-induced congenital diaphragmatic hernia.

Possible role of nitric oxide in IgE-mediated allergic cutaneous reaction in mice.

Presence of intestinal, liver and heart/adipocyte fatty-acid-binding protein types in the liver of a chimaera fish.

Reactive oxygen species activate focal adhesion kinase, paxillin and p130cas tyrosine phosphorylation in endothelial cells.

Mannitol at clinical concentrations activates multiple signaling pathways and induces apoptosis in endothelial cells.

Activation of KATP channels by Na/K pump in isolated cardiac myocytes and giant membrane patches.

Transient and prolonged increase in endothelial permeability induced by histamine and thrombin: role of protein kinases, calcium, and RhoA.

Calcium is required for quasi-lipoxygenase activity of hemoproteins.

Tyrosine kinase inhibitors suppress prostaglandin F₂α-induced phosphoinositide hydrolysis, Ca²⁺ elevation and contraction in iris sphincter smooth muscle.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazoxybenzene (CAS No. 21232-47-3) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazobenzene (CAS No. 14047-09-7) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

Invasion of aortic and heart endothelial cells by *Porphyromonas gingivalis*.

Angiotensin II-stimulated collagen gel contraction by heart fibroblasts: role of the AT₁ receptor and tyrosine kinase activity.

Fibronectin stimulates transcription of the platelet-derived growth factor beta-receptor in cultured rat aortic smooth muscle cells.

Evidence for a tyrosine kinase-dependent activation of the adenylyl Cyclase/PKA cascade downstream from the G-protein-linked endothelin ETA receptor in vascular smooth muscle.

Endothelium-dependent relaxation to hydrogen peroxide in canine basilar artery: a potential new cerebral dilator mechanism.

Tyrosine kinase-independent extracellular action of genistein on the CFTR Cl⁻ channel in guinea pig ventricular myocytes and CFTR-transfected mouse fibroblasts.

Redox regulation of signal transduction in vascular smooth muscle cells: thiol oxidizing agents induced phospholipase D.

Heparan sulfate proteoglycans control intracellular processing of bFGF in vascular smooth muscle cells.

Morphological, physiological and metabolic comparisons between runner-like and sheet-like inbred lines of a colonial hydroid.

Lipopolysaccharide-induced NF-kappaB activation in human endothelial cells involves degradation of IkappaBalpha but not IkappaBbeta.

SPARC inhibits endothelial cell adhesion but not proliferation through a tyrosine phosphorylation-dependent pathway.

Zonal location of compensatory hepatocyte proliferation following chemically induced hepatotoxicity in rats and humans.

Induction of UDP-glycosyltransferase family 1 genes in rat liver: different patterns of mRNA expression with two inducers, 3-methylcholanthrene and beta-naphthoflavone.

Cyclophosphamide cystitis as a model of visceral pain in rats: a c-fos and Krox-24 study at telencephalic levels, with a note on pituitary adenylate cyclase activating polypeptide (PACAP).

Quantitative low-dose assessment of seafood toxin, domoic acid, in the rat brain: application of physiologically-based pharmacokinetic (PBPK) modeling.

A cytokinesis-defective mutant of Arabidopsis (cyt1) characterized by embryonic lethality, incomplete cell walls, and excessive callose accumulation.

In vitro 2,3,7,8-tetrachlorodibenzo-p-dioxin interference with the anterior pituitary hormone adrenocorticotropin.

p38 mitogen-activated protein kinase inhibition attenuates intercellular adhesion molecule-1 up-regulation on human pulmonary microvascular endothelial cells.

Stress-induced fractal rearrangement of the endothelial cell cytoskeleton causes apoptosis.

p38 mitogen-activated protein kinase expression and activation in smooth muscle.

Oncostatin M regulates endothelin-1 production in human endothelial cells.

Pp125FAK is required for stretch dependent morphological response of endothelial cells.

Teratogen-induced cell death in postimplantation mouse embryos: differential tissue sensitivity and hallmarks of apoptosis.

Serum and urinary boron levels in rats after single administration of sodium tetraborate.

Modulation of K⁺ currents in monocytes by VCAM-1 and E-selectin on activated human endothelium.

Src family tyrosine kinase regulates intracellular pH in cardiomyocytes.

Plant regeneration via somatic embryogenesis, and transient gene expression in sweet potato protoplasts.

Tyrosine kinases and calcium dependent activation of endothelial cell phospholipase D by diperoxovanadate.

Hydrogen peroxide activates mitogen-activated protein kinases and Na⁺-H⁺ exchange in neonatal rat cardiac myocytes.

Somatic embryogenesis in *Arabidopsis thaliana* is facilitated by mutations in genes repressing meristematic cell divisions.

Arachidonic acid metabolism in the marine fish *Stenotomus chrysops* (Scup) and the effects of cytochrome P450 1A inducers.

Metabolism of the lipid peroxidation product, 4-hydroxy-trans-2-nonenal, in isolated perfused rat heart.

Kinetics of hydrogen peroxide elimination by human umbilical vein endothelial cells in culture.

Low glucose enhances Na⁺/glucose transport in bovine brain artery endothelial cells.

Effects of hyperosmolality on Na, K-ATPase gene expression in vascular smooth muscle cells.

Redox regulation of signal transduction in smooth muscle cells: distinct effects of PKC-down regulation and PKC inhibitors on oxidant induced MAP kinase.

Identification of a putative surfactant convertase in rat lung as a secreted serine carboxylesterase.

Aryl hydrocarbon receptor-associated genes in rat liver: regional coinduction of aldehyde dehydrogenase 3 and glutathione transferase Ya.

Ets-1 is an early response gene activated by ET-1 and PDGF-BB in vascular smooth muscle cells.

Na⁺-dependent and phlorizin-inhibitable transport of glucose and cycasin in brain endothelial cells.

Mixed effects of 2,6-dithiopurine against cyclophosphamide mediated bladder and lung toxicity in mice.

Vascular endothelial growth factor/vascular permeability factor enhances vascular permeability via nitric oxide and prostacyclin.

Drug metabolizing enzyme activities and superoxide formation in primary and immortalized rat brain endothelial cells.

Correlation of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced apoptotic cell death in the embryonic vasculature with embryotoxicity.

Mitochondrial dysfunction in the senescence accelerated mouse (SAM).

Mortality of power workers exposed to phenoxy herbicides and polychlorinated biphenyls in waste transformer oil.

Nitric oxide- and superoxide-mediated toxicity in cerebral endothelial cells.

Determination of 8-hydroxy-deoxyguanosine formation in rat organs: assessment of paraquat-evoked oxidative DNA damage.

Cardiovascular effects of a herbicide containing glufosinate and a surfactant: in vitro and in vivo analyses in rats.

Cellular toxicity of 2,4,5-trichlorophenoxyacetic acid: formation of 2,4,5-trichlorophenoxyacetylcholine.

Comparative sensitivity of *Selenastrum capricornutum* and *Lemna minor* to sixteen herbicides.

A fatal case of drinking and cyanamide intake.

Effects of dichlobenil on ultrastructural morphology and cell replication in the mouse olfactory mucosa.

Analyses of exposure to polychlorinated dibenzo-p-dioxins, furans, and hexachlorocyclohexane and different health outcomes in a cohort of former herbicide-producing workers in Hamburg, Germany.

Inhibition of intracellular Ca²⁺ signalling, cytotoxicity and antitumor activity of the herbicide oryzalin and its analogues.

Comparison of HPLC and CE for the analysis of dichlorprop in a case of intoxication.

Atrial natriuretic peptide accounts for increased cGMP in hypoxia-induced hypertensive rat lungs.

Acceleration of hypertensive cerebral injury by the inhibition of xanthine-xanthine oxidase system in stroke-prone spontaneously hypertensive rats.

[Effect of activity of semicarbazide-sensitive aminooxidases and cellular glutathione on the cytotoxic effect of allylamine, acrolein, and formaldehyde in human cultured endothelial cells].

Role of fibronectin and sulfated proteoglycans in endothelial cell migration on a cultured smooth muscle layer.

Hydrogen peroxide-induced impairment of reactivity in rat isolated aorta: potentiation by 3-amino-1,2,4-triazole.

A leucine-rich repeat containing receptor-like kinase marks somatic plant cells competent to form embryos.

Determination of atrazine levels in whole saliva and plasma in rats: potential of salivary monitoring for occupational exposure.

Changes of energy metabolism induced by 1-methyl-4-phenylpyridinium (MPP⁺)-related compounds in rat pheochromocytoma PC12 cells.

Entacapone, a novel catechol-O-methyltransferase inhibitor for Parkinson's disease, does not impair mitochondrial energy production.

[Epidemiological and clinical findings in congenital heart diseases during the neonatal period. Report on personal cases].

Changes in collagen phenotypes during progression and regression of cardiac hypertrophy.

Effect of advanced glycation end product-modified albumin on tissue factor expression by monocytes. Role of oxidant stress and protein tyrosine kinase activation.

Use of estrogen therapy in a patient with gastrointestinal bleeding secondary to arteriovenous malformations.

Mortality study of pesticide applicators and other employees of a lawn care service company.

Mutational evidence for control of cell adhesion through integrin diffusion/clustering, independent of ligand binding.

Defective endogenous nitric oxide-mediated modulation of cellular respiration in canine skeletal muscle after the development of heart failure.

Myocardial stiffness is attributed to alterations in cross-linked collagen rather than total collagen or phenotypes in spontaneously hypertensive rats.

[Acute myeloblastic leukemia showing pronounced skin infiltration during administration of low-dose cytarabine and etoposide with granulocyte colony-stimulating factor].

Effect of 2,4-dinitrophenol on the hypometabolic response to hypoxia of conscious adult rats.

Remodeling after myocardial infarction in humans is not associated with interstitial fibrosis of noninfarcted myocardium.

Purification and partial sequencing of the XL-I form of xenobiotic-metabolizing medium chain fatty acid:CoA ligase from bovine liver mitochondria, and its homology with the essential hypertension protein.

Induction of human endothelial cell apoptosis requires both heat shock and oxidative stress responses.

Cell adhesion molecules and insulin-like growth factor-1 in vascular disease.

The aquatic vertebrate embryo as a sentinel for toxins: zebrafish embryo dechoriation and perivitelline space microinjection.

Inhaled nitric oxide increases survival rates in newborn rats with congenital diaphragmatic hernia.

Expression of the aryl hydrocarbon receptor (AhR) and AhR nuclear translocator during chick cardiogenesis is consistent with 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced heart defects.

Cancer mortality among rice growers in Novara Province, northern Italy.

Pulmonary expression of vascular endothelial growth factor and myosin isoforms in rats with congenital diaphragmatic hernia.

Hydroxyl radical scavenging effect of nicaraven in myocardial and coronary endothelial preservation and reperfusion injury.

The Canadian Study of Health and Aging: risk factors for vascular dementia.

Free radicals and the ischemia-evoked extracellular accumulation of amino acids in rat cerebral cortex.

Protective effect of captopril on ischemic myocardium.

Localization of hydrogen peroxide accumulation during the hypersensitive reaction of lettuce cells to *Pseudomonas syringae* pv *phaseolicola*.

Oxygen- and dioxin-regulated gene expression in mouse hepatoma cells.

Sulfated sialyl Lewis X, the putative L-selectin ligand, detected on endothelial cells of high endothelial venules by a distinct set of anti-sialyl Lewis X antibodies.

Early life stage toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish (*Danio rerio*).

Protein kinase Cs and tyrosine kinases in permissive action of prostacyclin on cerebrovascular regulation in newborn pigs.

Cardiovascular depressor responses to stimulation of substantia nigra and ventral tegmental area.

Inhibitory effects of genistein on ATP-sensitive K⁺ channels in rabbit portal vein smooth muscle.

Regulation of bradykinin-stimulated cation entry into endothelial cells by tyrosine kinase.

Transcriptional regulation of inducible nitric oxide synthase in cultured neonatal rat cardiac myocytes.

Identification of the subunits and target peptides of pig heart NAD-specific isocitrate dehydrogenase modified by the affinity label 8-(4-bromo-2,3-dioxobutylthio)NAD.

Differential effect of hydrogen peroxide and superoxide anion on apoptosis and proliferation of vascular smooth muscle cells.

Pattern of DNA binding of nuclear proteins to the proximal *Agrobacterium rhizogenes* rolC promoter is altered during somatic embryogenesis of carrot.

Study of regulation of mitochondrial respiration in vivo. An analysis of influence of ADP diffusion and possible role of cytoskeleton.

Signal transduction of granulocyte macrophage-colony stimulating factor in a human endothelium-derived cell line.

Tissue factor pathway inhibitor in endothelial cells colocalizes with glycolipid microdomains/caveolae. Regulatory mechanism(s) of the anticoagulant properties of the endothelium.

Mechanical stretch induces vascular permeability factor in human mesangial cells: mechanisms of signal transduction.

Acceleration of unisite catalysis of mitochondrial F1-adenosinetriphosphatase by ATP, ADP and pyrophosphate--hydrolysis and release of the previously bound [γ -³²P]ATP.

Gp60 activation mediates albumin transcytosis in endothelial cells by tyrosine kinase-dependent pathway.

Cell- and tissue-specific metabolic activation of chemicals as determined by autoradiography: in vitro-in vivo correlations.

Actions of 4-chloro-3-ethyl phenol on internal Ca^{2+} stores in vascular smooth muscle and endothelial cells.

Extracellular matrix heparan sulfate modulates endothelial cell susceptibility to *Staphylococcus aureus*.

Enhancement of plasminogen binding and fibrinolysis by chloropeptin I.

p70 S6 kinase is activated by sodium arsenite in adult rat cardiomyocytes: roles for phosphatidylinositol 3-kinase and p38 MAP kinase.

Serum transcriptionally regulates Na^{+} - K^{+} -ATPase gene expression in vascular smooth muscle cells.

Inhibition of oxidative phosphorylation, vascular tone, and $[Ca^{2+}]_i$ in the perfused rat tail artery.

Oxidative phosphorylation in myocardial mitochondria 'in situ': a calorimetric study on permeabilized cardiac muscle preparations.

Oleic acid reduces oxidant stress in cultured pulmonary artery endothelial cells.

Endothelial cell apoptosis is accelerated by inorganic iron and heat via an oxygen radical dependent mechanism.

Phosphatase inhibitors potentiate 4-hydroxynonenal-induced phospholipase D activation in vascular endothelial cells.

Antiarrhythmic and electrophysiological effects of the novel KATP channel opener, rilmakalim, in rabbit cardiac cells.

Cellular response to the redox active lipid peroxidation products: induction of glutathione S-transferase P by 4-hydroxy-2-nonenal.

Specific attenuation of the pressure-induced contraction of rat cerebral artery by herbimycin A.

A ^{13}C NMR study of 2- ^{13}C -chloroacetaldehyde, a metabolite of ifosfamide and cyclophosphamide, in the isolated perfused rabbit heart model. Initial observations on its cardiotoxicity and cardiac metabolism.

Inhibition of calcium accumulation by the sarcoplasmic reticulum: a putative mechanism for the cardiotoxicity of adriamycin.

Undersulfation of proteoheparan sulfate stimulates the expression of basic fibroblast growth factor and protein synthesis but suppresses replication of coronary smooth muscle cells.

Endotoxin induces endothelial barrier dysfunction through protein tyrosine phosphorylation.

SEB is cytotoxic and alters EC barrier function through protein tyrosine phosphorylation in vitro.

Induction of heat shock proteins by tyrosine kinase inhibitors in rat cardiomyocytes and myogenic cells confers protection against simulated ischemia.

Growth-related signaling in vascular smooth muscle cells is deregulated by TCDD during the G0/G1 transition.

Aluminum citrate is transported from brain into blood via the monocarboxylic acid transporter located at the blood-brain barrier.

Angiotensin II stimulates mitogen-activated protein kinases and protein synthesis by a Ras-independent pathway in vascular smooth muscle cells.

Endothelial cells protect vascular smooth muscle cells from H₂O₂ attack.

The involvement of reactive oxygen species and arachidonic acid in alpha 1-adrenoceptor-induced smooth muscle cell proliferation and migration.

The role of tyrosine phosphorylation in lipopolysaccharide- and zymosan-induced procoagulant activity and tissue factor expression in macrophages.

Opening of cardiac sarcolemmal KATP channels by dinitrophenol separate from metabolic inhibition.

Glycogenolysis stimulation by non-steroidal anti-inflammatories in the perfused rat liver is not accompanied by Ca²⁺ release.

Injury-induced enzymatic methylation of aging collagen in the extracellular matrix of blood vessels.

Angiotensin II activates the beta 1 isoform of phospholipase C in vascular smooth muscle cells.

Characterization and localization of an ATP diphosphohydrolase activity (EC 3.6.1.5) in sarcolemmal membrane from rat heart.

Thiocarbamate herbicide-inducible nonheme haloperoxidase of *Rhodococcus erythropolis* NI86/21.

Correlation of 2,3,7,8-tetrachlorodibenzo-p-dioxin induction of cytochrome P4501A in vascular endothelium with toxicity in early life stages of lake trout.

Role of tyrosine kinase enzymes in TNF-alpha and IL-1 induced expression of ICAM-1 and VCAM-1 on human umbilical vein endothelial cells.

Glucocorticoid potentiation of cytochrome P4501A1 induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin in porcine and human endothelial cells in culture.

Intracellular calcium buffering declines in aging adrenergic nerves.

Cardiovascular effects of neurotensin microinjections into the nucleus of the solitary tract.

Identification of atrial-specific myosin heavy chain in cardiac muscle of adult chickens.

Aldose reductase induction: a novel response to oxidative stress of smooth muscle cells.

Brain-to-blood active transport of beta-alanine across the blood-brain barrier.

Review and update of the results of the NIOSH medical study of workers exposed to chemicals contaminated with 2,3,7,8-tetrachlorodibenzodioxin.

Topographic localization of calretinin, calbindin, VIP, substance P, CCK and metabotropic glutamate receptor immunoreactive neurons in the supramammillary and related areas of the rat.

Suppressive effect of a chloride bicarbonate exchanger inhibitor on staurosporine-induced apoptosis of endothelial cells.

A dual effect of 1-methyl-4-phenylpyridinium (MPP⁺)-analogs on the respiratory chain of bovine heart mitochondria.

Histological changes in rat embryonic blood cells as a possible mechanism for ventricular septal defects produced by an N-phenylimide herbicide.

Effect of paraquat intoxication and ambroxol treatment on hydrogen peroxide production and lipid peroxidation in selected organs of rat.

Effects of Fuller's Earth and activated charcoal on oral absorption of paraquat in rabbits.

[Distribution of ventilation-perfusion ratios in paraquat-induced interstitial pneumonia in dogs].

[Fatal paraquat poisoning].

Construction of a physiologically based pharmacokinetic model for 2,4-dichlorophenoxyacetic acid dosimetry in the developing rabbit brain.

Origins of coronary artery ectasia.

DNA damage induced in mouse tissues by organic wood preserving waste extracts as assayed by ³²P-postlabeling.

Herbicide: fatal ammonium thiocyanate and aminotriazole poisoning.

Effect of 3-aminotriazole on hyperthermia-mediated cardioprotection in rabbits.

[The phospholipid composition of the liver and the glycolipid spectrum of the brain in rats administered cyanamide].

Increases in tissue levels of ubiquinone in association with peroxisome proliferation.

Effect of oxidative insult on young and adult cardiac muscle cells in vitro.

Nitric oxide exposure and sulfhydryl modulation alter L-arginine transport in cultured pulmonary artery endothelial cells.

Mass spectrometric mapping of protein epitope structures of myocardial infarct markers myoglobin and troponin T.

Extraction and protein sequencing of immunoglobulin light chain from formalin-fixed cerebrovascular amyloid deposits.

Biphasic response of action potential duration to metabolic inhibition in rabbit and human ventricular myocytes: role of transient outward current and ATP-regulated potassium current.

HSP induction inhibits iNOS mRNA expression and attenuates hypotension in endotoxin-challenged rats.

The beneficial effect of taurine on the prevention of human endothelial cell death.

Effects induced by feeding organochlorine-contaminated carp from Saginaw Bay, Lake Huron, to laying White Leghorn hens. II. Embryotoxic and teratogenic effects.

150-kD oxygen-regulated protein is expressed in human atherosclerotic plaques and allows mononuclear phagocytes to withstand cellular stress on exposure to hypoxia and modified low density lipoprotein.

Na(+)-K(+)-Cl⁻ cotransport system in brain capillary endothelial cells: response to endothelin and hypoxia.

The heat-shock protein 70 family reduces ischemia/reperfusion injury in small intestine.

Prenatal glucocorticoid therapy reverses pulmonary immaturity in congenital diaphragmatic hernia in fetal sheep.

Effects of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) injected into the yolks of chicken (*Gallus domesticus*) eggs prior to incubation.

Acute cyanide poisoning: clinical spectrum, diagnosis, and treatment.

Exposures and health effects: an evaluation of workers at a sodium azide production plant.

Role of endothelium-derived nitric oxide in the modulation of canine myocardial mitochondrial respiration in vitro. Implications for the development of heart failure.

Contribution of oxygen-sensitive neurons of the rostral ventrolateral medulla to hypoxic cerebral vasodilatation in the rat.

Chemical sensitivities and the Gulf War: Department of Veterans Affairs Research Center in basic and clinical science studies of environmental hazards.

Decreased pulmonary nitric oxide synthase activity in the rat model of congenital diaphragmatic hernia.

Uncoupling of mitochondrial oxidative phosphorylation alters lipid peroxidation-derived free radical production but not recovery of postischemic rat hearts and post-hypoxic endothelial cells.

Diagnostic criteria for selenium toxicosis in aquatic birds: dietary exposure, tissue concentrations, and macroscopic effects.

Pirenzepine versus scopolamine methyl bromide in double-contrast barium enema study of large bowel.

In vitro effects of a flavonoid-rich extract on LDL oxidation.

Subcutaneous epoetin alfa as an adjunct to autologous blood donation before elective coronary artery bypass graft surgery.

Incidence and time trends for lymphomas, leukemias and myelomas: hypothesis generation. Working Group on the Epidemiology of Hematolymphopoietic Malignancies in Italy.

[Action duality of nitrogen oxide (NO) in experimental African trypanosomiasis].

Balloon angioplasty significantly increases collagen content but does not alter collagen subtype I/III ratios in the atherosclerotic rabbit iliac model.

Specific induction of the 70-kD heat stress proteins by the tyrosine kinase inhibitor herbimycin-A protects rat neonatal cardiomyocytes. A new pharmacological route to stress protein expression?

Altered contractility of rabbit penile corpus cavernosum smooth muscle by hypoxia.

Occupational health data as a basis for process engineering changes: development of a safe work environment in the sodium azide industry.

Incomplete occlusion of central retinal artery in a girl with iron deficiency anemia.

Type II collagen-induced autoimmune ear disease in mice: a preliminary report on an epitope of the type II collagen molecule that induced inner ear lesions.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) inhibition of fat cell differentiation.

On the mechanism of the differential effects of NS004 and NS1608 in smooth muscle cells from guinea pig bladder.

Oxygen dependence of respiration in coupled and uncoupled endothelial cells.

Heparin-binding domain of fibrin mediates its binding to endothelial cells.

The heat-shock response attenuates lipopolysaccharide-mediated apoptosis in cultured sheep pulmonary artery endothelial cells.

Cyclosporine control of recipient lymphocyte traffic to the heart allograft.

Mitogen-activated protein kinase (ERK1/2) activation by shear stress and adhesion in endothelial cells. Essential role for a herbimycin-sensitive kinase.

Basal metabolism of intraperitoneally injected carrier-free ⁷⁴As-labeled arsenate in rabbits.

Evidence that fibroblast growth factors 1 and 4 participate in regulation of cardiogenesis.

Stereoselective action of (R*,R*)-(+/-)-methyl-4-[2-[2-hydroxy-2-(3-chlorophenyl)ethylamino] propyl]-phenoxyacetic acid (BRL37344) on beta-adrenoceptors and metabolic chiral inversion.

Binding of tissue factor pathway inhibitor to cultured endothelial cells-influence of glycosaminoglycans.

Advancing age alters intracellular calcium buffering in rat adrenergic nerves.

SR Ca²⁺ pump heterogeneity in coronary artery: free radicals and IP₃-sensitive and -insensitive pools.

Embryotoxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): the embryonic vasculature is a physiological target for TCDD-induced DNA damage and apoptotic cell death in Medaka (*Orizias latipes*).

Molecular structure and antioxidant specificity of purpurogallin in three types of human cardiovascular cells.

Serum albumin is a specific inhibitor of apoptosis in human endothelial cells.

Toxic equivalency factors of polybrominated dibenzo-p-dioxin, dibenzofuran, biphenyl, and polyhalogenated diphenyl ether congeners based on rainbow trout early life stage mortality.

Isolation and primary culture of rat cerebral microvascular endothelial cells for studying drug transport in vitro.

Role of protein tyrosine phosphorylation in H₂O₂-induced activation of endothelial cell phospholipase D.

Specificity and uniqueness of endothelial cell stress responses.

Enumeration of human colonic bacteria producing phenolic and indolic compounds: effects of pH, carbohydrate availability and retention time on dissimilatory aromatic amino acid metabolism.

Aryl-hydrocarbon receptor-deficient mice are resistant to 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced toxicity.

The use of photolabelled peptides to localize the substance-P-binding site in the human neurokinin-1 tachykinin receptor.

The bound adenine nucleotides of purified bovine mitochondrial ATP synthase.

Increased intracellular levels of calcitonin gene-related peptide-like immunoreactivity in pulmonary endocrine cells in an experimental model of congenital diaphragmatic hernia.

[Endothelin-stimulated proliferation of thoracic artery smooth muscle cells involves activation of mitogen-activated protein kinase].

Effects of protein tyrosine kinase inhibitors on cytokine-induced adhesion molecule expression by human umbilical vein endothelial cells.

Platelet-activating factor (PAF) induces the early tyrosine phosphorylation of focal adhesion kinase (p125FAK) in human endothelial cells.

Dual effect of glyburide, an antagonist of KATP channels, on metabolic inhibition-induced Ca²⁺ loading in cardiomyocytes.

Tumor necrosis factor alpha-induced vascular leakage involves PECAM1 phosphorylation.

Pharmacological study of atypical beta-adrenoceptors in rat esophageal smooth muscle.

Effects of endothelial cells on activity of staphylokinase.

Interleukin 4 or oncostatin M induces a prolonged increase in P-selectin mRNA and protein in human endothelial cells.

Cyclic AMP-dependent protein kinase phosphorylates residues in the C-terminal domain of the cardiac L-type calcium channel alpha1 subunit.

An in vitro method for evaluating vascular endothelial ADPase activity.

Fibroblast growth factor-2 stimulates embryonic cardiac mesenchymal cell proliferation.

Zonation of cytochrome P450 enzyme expression in rat liver. Isozyme-specific regulation by pituitary dependent hormones.

Interaction of a troponin I inhibitory peptide with both domains of troponin C.

Herbimycin A inhibits protein kinase C in vascular smooth muscle cells.

Functional interaction between K(ATP) channels and the Na(+)-K(+) pump in metabolically inhibited heart cells of the guinea-pig.

Modulation of Ca²⁺ channel activity by ATP metabolism and internal Mg²⁺ in guinea-pig basilar artery smooth muscle cells.

Mechanism of endothelial cell shape change and cytoskeletal remodeling in response to fluid shear stress.

Disposition characteristics of plasmid DNA in the single-pass rat liver perfusion system.

Mammalian plasma and tissue-bound semicarbazide-sensitive amine oxidases: biochemical, pharmacological and toxicological aspects.

Glycosylphosphatidylinositol toxin of Plasmodium up-regulates intercellular adhesion molecule-1, vascular cell adhesion molecule-1, and E-selectin expression in vascular endothelial cells and increases leukocyte and parasite cytoadherence via tyrosine kinase-dependent signal transduction.

The formation of a disulfide cross-link between the two subunits demonstrates the dimeric structure of the mitochondrial oxoglutarate carrier.

Radiosynthesis of [123I]N-methyl-4-iododexetimide and [123I]N-methyl-4-iodolevetimide: in vitro and in vivo characterisation of binding to muscarinic receptors in the rat heart.

The volume-activated chloride current in endothelial cells from bovine pulmonary artery is not modulated by phosphorylation.

Synergistic action of NS-004 and internal Ca²⁺ concentration in modulating pulmonary artery K⁺ channels.

The acute and chronic effects of alcohol upon cardiac nucleotide status.

Metabolic inhibitors affect the conductance of low voltage-activated calcium channels in brain capillary endothelial cells.

Arsenic induces oxidant stress and NF-kappa B activation in cultured aortic endothelial cells.

Involvement of tyrosine phosphorylation in endothelial adhesion molecule induction.

Evidence for decline in intracellular calcium buffering in adrenergic nerves of aged rats.

A mechanistic model of effects of dioxin on thyroid hormones in the rat.

Endogenous reactive oxygen metabolites mediate sublethal endothelial cell dysfunction during reoxygenation.

A metalloporphyrin superoxide dismutase mimetic protects against paraquat-induced endothelial cell injury, in vitro.

Subacute toxicity of urea herbicide, isoproturon, in male rats.

Recovery of respiratory function in survivors with paraquat intoxication.

Xanthine oxidase mediates paraquat-induced toxicity on cultured endothelial cell.

Toxicity of cotoran (fluometuron) in Desert sheep.

The effects of subchronic chlorate exposure in Sprague-Dawley rats.

A 2,4-dichlorophenoxyacetic acid induced fatality.

Possible side effects of airborne pesticides on fungi and vascular plants in The Netherlands.

Fate and effects of acrolein.

Effects of paraquat, dinoseb and 2,4-D on intracellular calcium and on vasopressin-induced calcium mobilization in isolated hepatocytes.

Catalase inhibition with 3-amino-1,2,4-triazole does not abolish infarct size reduction in heat-shocked rats.

Pulmonary endothelial nitric oxide synthase gene expression is decreased in a rat model of congenital diaphragmatic hernia.

Exposure to polychlorinated dioxins and furans (PCDD/F) and mortality in a cohort of workers from a herbicide-producing plant in Hamburg, Federal Republic of Germany.

Isolation and characterization of rat primary lung cells.

Further evidence that the blood/brain barrier impedes paraquat entry into the brain.

Protective effects of prostaglandin E2 on the paraquat-induced constriction of the fetal ductus arteriosus in the rat.

Development of a physiologically based pharmacokinetic model for 2,4-dichlorophenoxyacetic acid dosimetry in discrete areas of the rabbit brain.

Expression of iNOS in cultured rat pulmonary artery smooth muscle cells is inhibited by the heat shock response.

Induction of heat shock protein 72 prevents neutrophil-mediated human endothelial cell necrosis.

[Fatal sodium azide poisoning in a hospital: a preventable accident].

Skin irritation in man: a comparative bioengineering study using improved reflectance spectroscopy.

[Comparative study on pharmacological effects of various species of Pueraria].

Purification and identification of mouse lung microvessel endothelial cell-derived chemoattractant for lung-metastasizing murine RAW117 large-cell lymphoma cells: identification as mouse monocyte chemotactic protein 1.

Bilateral idiopathic loss of peripheral vestibular function with normal hearing.

Immunologic effects of background prenatal and postnatal exposure to dioxins and polychlorinated biphenyls in Dutch infants.

The mechanism of action of the two-layer cold storage method in canine pancreas preservation-- protection of pancreatic microvascular endothelium.

Hypoxia-induced vascular endothelial growth factor expression in normal rat astrocyte cultures.

Postschemic proximal tubular resistance to oxidant stress and Ca²⁺ ionophore-induced attack. Implications for reperfusion injury.

Dilated cardiomyopathy is associated with an increase in the type I/type III collagen ratio: a quantitative assessment.

Induction of endometriosis in mice: a new model sensitive to estrogen.

Localization of porcine cardiac myosin epitopes that induce experimental autoimmune myocarditis.

Workers' response to risk notification.

ACTH-(1-24) blocks the decompensatory phase of the haemodynamic response to acute hypovolaemia in conscious rabbits.

Pulmonary neuroendocrine cells in neonatal rats with congenital diaphragmatic hernia.

Antioxidant effect of a Ginkgo biloba extract (EGb 761) on the retina.

Survival after a severe iron poisoning treated with intermittent infusions of deferoxamine.

Angiotensin-converting enzyme activity is increased in lungs of rats with pulmonary hypoplasia and congenital diaphragmatic hernia.

Differential effects of the BKCa channel openers NS004 and NS1608 in porcine coronary arterial cells.

Nitric oxide. An important signaling mechanism between vascular endothelium and parenchymal cells in the regulation of oxygen consumption.

Plant regeneration from protoplasts of immature *Vigna sinensis* cotyledons via somatic embryogenesis.

Tyrosine protein kinase inhibitors prevent activation of cardiac swelling-induced chloride current.

Oxidant-sensitive and phosphorylation-dependent activation of NF-kappa B and AP-1 in endothelial cells.

Involvement of tyrosine kinases in the induction of cyclo-oxygenase-2 in human endothelial cells.

Thrombin stimulates phosphorylation of insulin-like growth factor-1 receptor, insulin receptor substrate-1, and phospholipase C-gamma 1 in rat aortic smooth muscle cells.

Effects of the protein tyrosine phosphatase inhibitor phenylarsine oxide on excision-activated calcium channels in *Lymnaea* neurons.

Chemical and enzymatic treatment of endothelin.

Cardiovascular responses to cigarette smoke exposure in restrained conscious rats.

Lipopolysaccharide stimulates the tyrosine phosphorylation of mitogen-activated protein kinases p44, p42, and p41 in vascular endothelial cells in a soluble CD14-dependent manner. Role of protein tyrosine phosphorylation in lipopolysaccharide-induced stimulation of endothelial cells.

Complete amino acid sequence of the Aa6 subunit of the scorpion *Androctonus australis* hemocyanin determined by Edman degradation and mass spectrometry.

Tyrosine kinase inhibitors inhibit multiple steps of the cell cycle of vascular smooth muscle cells.

Involvement of a tyrosine kinase pathway in the growth-promoting effects of angiotensin II on aortic smooth muscle cells.

Nucleus tractus solitarius efferent terminals synapse on neurons in the caudal ventrolateral medulla that project to the rostral ventrolateral medulla.

Trans effects on cysteine ligation in the proximal His93Cys variant of horse heart myoglobin.

Type II collagen is a major component of bovine retinal microvessel extracellular matrix.

Neuropeptide YY1 receptors-mediated increase in intracellular Ca²⁺ concentration via phospholipase C-dependent pathway in porcine aortic smooth muscle cells.

Rat tail artery norepinephrine release: age and effect of mitochondrial blockade.

Changes associated with tyrosine phosphorylation during short-term hypoxia in retinal microvascular endothelial cells in vitro.

Modulation of cardiac M2 muscarinic receptor binding by progesterone-related steroids.

Bivascular liver perfusion in the anterograde and retrograde modes: zonation of the response to inhibitors of oxidative phosphorylation.

Extensive interactions between troponins C and I. Zero-length cross-linking of troponin I and acetylated troponin C.

Enzyme kinetics and the activation energy of Mg-ATPase in cardiac sarcolemma: ADP as an alternative substrate.

Mechanism of uptake of technetium-tetrofosmin. II: Uptake into isolated adult rat heart mitochondria.

Glutathione S-transferase 8-8 is localized in smooth muscle cells of rat aorta and is induced in an experimental model of atherosclerosis.

Inhibitors of protein tyrosine kinase suppress TNF-stimulated induction of endothelial cell adhesion molecules.

A stereotypic, transplantable liver tissue-culture system.

An ATP-sensitive potassium conductance in rabbit arterial endothelial cells.

Inhibition of cardiac sarcolemma Na(+)-K+ ATPase by oxyradical generating systems.

Chemical speciation of arsenic in urine of patients with blackfoot disease.

Rat CYP1B1: an adrenal cytochrome P450 that exhibits sex-dependent expression in livers and kidneys of TCDD-treated animals.

Thrombin induces the preproendothelin-1 gene in endothelial cells by a protein tyrosine kinase-linked mechanism.

Phosphorylation and inactivation of rat heart glycogen synthase by cAMP-dependent and cAMP-independent protein kinases.

Participation of small intraportal stem cells in the restitutive response of the liver to periportal necrosis induced by allyl alcohol.

Inhibition of viral replication by nitric oxide and its reversal by ferrous sulfate and tricarboxylic acid cycle metabolites.

Inhibition of lecithin: cholesterol acyltransferase activity in human blood plasma by cigarette smoke extract and reactive aldehydes.

Hypoxia-mediated induction of acidic/basic fibroblast growth factor and platelet-derived growth factor in mononuclear phagocytes stimulates growth of hypoxic endothelial cells.

Vascular smooth muscle cell heme oxygenases generate guanylyl cyclase-stimulatory carbon monoxide.

Ethanol ingestion on allylamine-induced experimental subendocardial fibrosis.

Cytokine-induced E-selectin expression by human umbilical vein endothelial cells (HUVEC). A role for protein tyrosine kinases?

The blood-brain barrier: In vitro methods and toxicological applications.

[Changes in hematological indices, iron levels and marrow erythroids through autologous blood donation before cardiac surgery--predonation with versus without recombinant human erythropoietin].

IL-4 induction of VCAM-1 on endothelial cells involves activation of a protein tyrosine kinase.

Activation of the hypothalamic dorsomedial nucleus stimulates intestinal motility in rats.

Catalase and hydrogen peroxide cytotoxicity in cultured cardiac myocytes.

IGFBP-3 and IGFBP-5 association with endothelial cells: role of C-terminal heparin binding domain.

Induction of cytochrome P4501A1 by aryl hydrocarbon receptor agonists in porcine aorta endothelial cells in culture and cytochrome P4501A1 activity in intact cells.

Hydrogen peroxide induces microvilli on human retinal pigment epithelial cells in culture.

Arsenic increased lipid peroxidation in rat tissues by a mechanism independent of glutathione levels.

The inhibitory effect of tannins on lipid peroxidation of rat heart mitochondria.

Regulation of cytochrome P4501A1 gene expression in vascular smooth muscle cells through aryl hydrocarbon receptor-mediated signal transduction requires a protein synthesis inhibitor.

[Participation of tachykinins in experimental models of lung damage].

Substrate-specificity of mammalian tissue-bound semicarbazide-sensitive amine oxidase.

NCAM polypeptides in heart development: association with Z discs of forms that contain the muscle-specific domain.

Amino acid sequence of C-terminal 17 kDa CNBr-fragment of Akazara scallop troponin-I.

BW-755C diminishes smoke-induced pulmonary edema.

Platelet-collagen interactions.

Functional and metabolic evidence for two different vanilloid (VN1 and VN2) receptors in perfused rat hindlimb.

Iron(II) is a modulator of ryanodine-sensitive calcium channels of cardiac muscle sarcoplasmic reticulum.

Effect of sulfhydryl compounds and glutathione depletion on rat heart myocyte toxicity induced by 4-hydroperoxycyclophosphamide and acrolein in vitro.

The site of elevated vascular resistance in early paraquat lungs: a morphometric study of pulmonary arteries.

Acute 2,4-dichlorophenoxyacetic acid intoxication in cattle.

Cyclooxygenase and lipoxygenase inhibition by BW-755C reduces acrolein smoke-induced acute lung injury.

Constrictive effects of paraquat on the ductus arteriosus in fetal rats.

Bilateral spontaneous pneumothoraces, pneumopericardium, pneumomediastinum, and subcutaneous emphysema: a rare presentation of paraquat intoxication.

Effect of maternal paraquat administration on the fetal ductus arteriosus in the rat.

Characterization of the capsaicin-sensitive component of cyclophosphamide-induced inflammation in the rat urinary bladder.

Comparison of two methods for determining the toxicokinetics of fluazifop-butyl after intravenous dosing in rats.

Inhaled nitric oxide in advanced paraquat intoxication.

A role for thyroid hormones in cold-induced elevation of blood pressure and cardiac hypertrophy.

Pharmacokinetic modeling of 2,4-dichlorophenoxyacetic acid (2,4-D) in rat and in rabbit brain following single dose administration.

The acute effects of alcohol and acetaldehyde on cardiac nucleotide levels.

Characterization of polyamine transport in rat aortic smooth muscle cells.

Reactive oxygen metabolite-induced toxicity to cultured bovine endothelial cells: status of cellular iron in mediating injury.

Involvement of nitroxyl (HNO) in the cyanamide-induced vasorelaxation of rabbit aorta.

Patterns of tyrosine phosphorylation differ in vascular hypertrophy and hyperplasia.

[Respiratory disease in the tertiary emergency hospital].

Extracellular matrix remodeling after balloon angioplasty injury in a rabbit model of restenosis.

Studies of the oxidation of ethanol to acetaldehyde by oxyhemoglobin using fluorogenic high-performance liquid chromatography.

Selective closure of the vascular bed of an experimental glioma model during in situ saline perfusion.

Dust exposure indices and lung function changes in longshoremen and dock workers.

Possible functional groups responsible for inhibition of in vivo angiogenesis by herbimycin A.

[Shock caused by poisoning. Use of cardiotropic agents].

Hypoxia induces the synthesis of tropomyosin in cultured porcine pulmonary artery endothelial cells.

Hypoxic stimulation of vascular endothelial growth factor expression in vitro and in vivo.

Sodium azide--a rare poisoning.

Effect of beraprost sodium on changes in action potentials during hypoxia as compared with propranolol, diltiazem and glibenclamide in guinea-pig ventricular muscle.

Study of the effector mechanism involved in the production of haemorrhagic necrosis of the small intestine in rat passive anaphylaxis.

Erythropoietin increases hemoglobin during radiation therapy for cervical cancer.

Synthesis and tissue biodistribution of [ω -¹¹C]palmitic acid. A novel PET imaging agent for cardiac fatty acid metabolism.

Iron supplementation in children after cardiopulmonary bypass for surgical repair of congenital heart disease.

Effect of hypothermic cardioplegia on cardiac protection--I. Effect of hypothermic cardioplegia on the cytosolic Ca²⁺ concentration in rat ventricular myocytes.

Postischemic inhibition of cerebral cortex pyruvate dehydrogenase.

Tendon degeneration and chronic shoulder pain: changes in the collagen composition of the human rotator cuff tendons in rotator cuff tendinitis.

Coxsackievirus B3 infection alters the uptake of 2,3,7,8-tetrachlorodibenzo-p-dioxin into various tissues of the mouse.

Human NAD(P)H:quinone oxidoreductase2. Gene structure, activity, and tissue-specific expression. [SMANCS/lipiodol].

Reoxygenation-induced relaxation of coronary arteries. A novel endothelium-dependent mechanism. [The mechanism of articular cartilage degeneration in osteoarthritis].

Functional consequences of iron supplementation in iron-deficient female cotton mill workers in Beijing, China.

2,3,7,8-Tetrachlorodibenzo-p-dioxin reduces the number, size, and organelle content of Leydig cells in adult rat testes.

[Plasma renin activity in tachistatin-stimulated hypercalcemia and under the effect of chlorazone].

Effects of alpha-tocopherol on lipid peroxidation and mitochondrial reduction of tetraphenyl tetrazolium in the rat brain.

An evaluation of the HemoCue for measuring haemoglobin in field studies in Jamaica.

Age- and feeding-dependent production of carbonyl compounds in hypoxic heart. The role of carbonyls produced in connective tissue modification.

Histochemical demonstration of free radicals (H₂O₂) in ischemic brain edema and protective effects of human recombinant superoxide dismutase on ischemic neuronal damage.

Combining estimates of the odds ratio: the state of the art.

Thyroid hormones and regulation of cell reliability systems.

[Effect of organic solvents on functional nervous system disorders].

[Prevention of infectious endocarditis].

Mechanisms of chemical injury of thyroid gland.

Are oxygen radicals implicated in the calcium paradox of the rat heart?

Tyrosine kinase inhibition prevents deformation-stimulated vascular smooth muscle growth.

Ah receptor in different tissues of C57BL/6J and DBA/2J mice: use of competitive polymerase chain reaction to measure Ah-receptor mRNA expression.

Endothelin-1 stimulates cytosolic phospholipase A2 activity and gene expression in rat glomerular mesangial cells.

Genistein reduces tumor necrosis factor alpha-induced plasminogen activator inhibitor-1 transcription but not urokinase expression in human endothelial cells.

Heat shock-induced cell death in murine microvascular endothelial cells depends on priming with tumor necrosis factor-alpha or interferon-gamma.

Use of a selective inhibitor of liver carnitine palmitoyltransferase I (CPT I) allows quantification of its contribution to total CPT I activity in rat heart. Evidence that the dominant cardiac CPT I isoform is identical to the skeletal muscle enzyme.

Role of ATP and sodium in polyamine transport in bovine pulmonary artery smooth cells.

Synthesis of n.c.a. carbon-11 labelled clozapine and its major metabolite clozapine-N-oxide and comparison of their biodistribution in mice.

Modulation of three types of K⁺ currents in canine coronary artery smooth muscle cells by NS-004, or 1-(2'-hydroxy-5'-chlorophenyl)-5-trifluoromethyl-2(3H) benzimidazolone.

Comparative metabolism and elimination of acetanilide compounds by rat.

Involvement of ecto-ATPase as an ATP receptor in the stimulatory effect of extracellular ATP on NO release in bovine aorta endothelial cells.

[The effect of lipid peroxidation on the lipid and phospholipid composition of mitochondrial membranes during thermal incubation].

Inhibitory effects of calcium antagonists on mitochondrial swelling induced by lipid peroxidation or arachidonic acid in the rat brain in vitro.

Effect of AT-125 on the metabolism of propachlor and the glutathione conjugates of propachlor and bromobenzene in rat.

Biochemical mechanism of irreversible cell injury caused by free radical-initiated reactions.

Thrombin-induced Ca²⁺ influx and protein tyrosine phosphorylation in endothelial cells is inhibited by herbimycin A.

Tissue specific expression of the rat Ah-receptor and ARNT mRNAs.

Thiol reducing agents modulate induced apoptosis in porcine endothelial cells.

Demonstration of an ectoATP-diphosphohydrolase (E.C.3.6.1.5.) in non-vascular smooth muscles of the bovine trachea.

Role of EDRFs in the control of arteriolar diameter during increased metabolism of striated muscle.

Glycolysis vs. respiration as ATP source for the shape of quiescent cardiomyocytes.

Morphological changes of somatostatin neurons in the suprachiasmatic nucleus by hypophysectomy of the rat.

VIP enhances and nitric oxide synthase inhibitor reduces survival of rat lungs perfused ex vivo.

Metabolic characteristics of alpha-toxin-permeabilized smooth muscle.

Biphasic modulation of protein kinase C (PKC) activity by polychlorinated dibenzo-p-dioxins (PCDDs) in serum-deprived rat aortic smooth muscle cells.

Interaction between the central histaminergic and the muscarinic cholinergic systems.

PET studies of the uptake of (S)- and (R)-[11C]nicotine in the human brain: difficulties in visualizing specific receptor binding in vivo.

Endogenous xanthine oxidase does not significantly contribute to vascular endothelial production of reactive oxygen species.

Cyclosporine enhances the synthesis of selected extracellular matrix proteins by renal cells "in culture". Different cell responses and phenotype characterization.

Cardiovascular effects of NaCl microinjections into the nucleus of the solitary tract.

Stabilization of pericardial tissue by dye-mediated photooxidation.

Primary structure of chicken cardiac myosin S-1 heavy chain.

Role of P-selectin and leukocyte activation in polymorphonuclear cell adhesion to surface adherent activated platelets under physiologic shear conditions (an injury vessel wall model).

Comparison of the ATPase activities of bovine heart and liver mitochondrial ATP synthases with different tissue-specific gamma subunit isoforms.

Analysis of the ro1C promoter region involved in somatic embryogenesis-related activation in carrot cell cultures.

Photolabeling of mitochondrial F1-H+ATPase by 2-azido[3H]ADP and 8-azido[3H]ADP entrapped as fluorometal complexes into the catalytic sites of the enzyme.

High oligomycin concentrations augment 6-keto-PGF1 alpha production in ventricular cardiomyocytes.

An endothelial cell-surface form of annexin II binds human cytomegalovirus.

Magnolol and honokiol isolated from *Magnolia officinalis* protect rat heart mitochondria against lipid peroxidation.

Purification and biochemical characterization of two major cytochrome P-450 isoforms induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in chick embryo liver.

In vitro and in vivo transport of zidovudine (AZT) across the blood-brain barrier and the effect of transport inhibitors.

Photochemical cross-linking between native rabbit skeletal troponin C and benzoylbenzoyl-troponin I inhibitory peptide, residues 104-115.

Attenuation of human leukocyte adherence to endothelial cell monolayers by tyrosine kinase inhibitors.

Effect of Paraquat Administration on Antioxidative Enzyme Activities and Oxidative Damage in the Blood and Liver of Senescence-accelerated Mice.

Inhibition of metabolism abolishes transient outward current in rabbit atrial myocytes.

Cyclophosphamide-induced lung toxicity: mechanism of endothelial cell injury.

Lipid peroxidation and oxidative stress during acute allylamine-induced cardiovascular toxicity.

A novel phosphoglucomutase-related protein is concentrated in adherens junctions of muscle and nonmuscle cells.

Electron microscopic and molecular characterization of turnip vein-clearing virus.

Properties of mammalian tissue-bound semicarbazide-sensitive amine oxidase: possible clues to its physiological function?

Toxicology of selected nitric oxide-donating xenobiotics, with particular reference to azide.

[The assessment of combined exposure to radiation and chemical factors based on the study of the morbidity of personnel in radiation-chemical manufacture].

Mechanism of cytotoxicity of paraquat. II. Organ specificity of paraquat-stimulated lipid peroxidation in the inner membrane of mitochondria.

Acrolein-induced injury to cultured pulmonary artery endothelial cells.

Parkinson's disease: a test of the multifactorial etiologic hypothesis.

Inhibitory effects of calcium channel antagonists on motor dysfunction induced by intracerebroventricular administration of paraquat.

Nitrofen-induced congenital diaphragmatic defects in CD1 mice.

Atrazine in plasma and tissue following atrazine-aminotriazole-ethylene glycol-formaldehyde poisoning.

Organophosphate poisoning.

The protective effect of heat stress against reperfusion arrhythmias in the rat.

Zonal distribution of protein-acetaldehyde adducts in the liver of rats fed alcohol for long periods.

Paraquat-induced lung injury: prevention by vasoactive intestinal peptide and related peptide helodermin.

Role of catalase and heat shock protein on recovery of cardiac endothelial and mechanical function after ischemia.

Ethanol-induced inhibition of ventricular protein synthesis in vivo and the possible role of acetaldehyde.

Lung growth and maturation in the rat model of experimentally induced congenital diaphragmatic hernia.

Intracellular catalase inhibition does not predispose rat heart to ischemia-reperfusion and hydrogen peroxide-induced injuries.

Protective role for neuropeptides in acute pulmonary response to acrolein in guinea pigs.

PGI₂ production and angiotensin converting enzyme activity in cultured porcine pulmonary artery endothelial cells treated with paraquat.

Eosinophils increase lung microvascular permeability via the peroxidase-hydrogen peroxide-halide system. Bronchoconstriction and vasoconstriction unaffected by eosinophil peroxidase inhibition.

Nitro blue tetrazolium staining: a morphological demonstration of superoxide in the rat retina.

Imaging of activated natural killer cells in mice by positron emission tomography: preferential uptake in tumors.

Tumor cell heme uptake induces ferritin synthesis resulting in altered oxidant sensitivity: possible role in chemotherapy efficacy.

[Iron deficiency anemia is not always simple].

The cardioprotective, vasorelaxant and electrophysiological profile of the large conductance calcium-activated potassium channel opener NS-004.

Thromboxane A₂ stimulates vascular smooth muscle hypertrophy by up-regulating the synthesis and release of endogenous basic fibroblast growth factor.

Collagen characterization in volume-overload- and pressure-overload-induced cardiac hypertrophy in minipigs.

Sodium azide protects against ischemia-induced acute renal failure in rats.

Iron status and growth of rats fed different dietary iron sources.

An acute model for IgA-mediated glomerular inflammation in rats induced by monoclonal polymeric rat IgA antibodies.

Biochemical remodeling of collagen in the heart of spontaneously hypertensive rats--prominent increase in type V collagen.

Aortic collagen alterations in human diabetes mellitus. Changes in basement membrane collagen content and in the susceptibility of total collagen to cyanogen bromide solubilisation.

Angiotensin converting enzyme inhibitor, captopril, inhibits cardiac hypertrophy without changing collagen types and concentration in spontaneously hypertensive rats.

Effect of a single lethal dose of TCDD on the levels of monoamines, their metabolites and tryptophan in discrete brain nuclei and peripheral tissues of Long-Evans rats.

Iron protein succinylate in the treatment of iron deficiency: controlled, double-blind, multicenter clinical trial on over 1,000 patients.

The effect of NG-nitro-L-arginine methyl ester upon basal blood flow and endothelium-dependent vasodilatation in the dog hindlimb.

Structural alterations in the peptide backbone of beta-amyloid core protein may account for its deposition and stability in Alzheimer's disease.

Augmentation by erythropoietin of the fetal-hemoglobin response to hydroxyurea in sickle cell disease.

[2 cases report of open heart surgery with non-blood transfusion in severe valvular heart disease with cardiac cachexia--the efficacy of recombinant human erythropoietin].

Lactoferrin co-purifies with myeloperoxidase and is recognised by anti-neutrophil cytoplasm antibodies.

[Intracerebral-ventricular injection of 4-aminopyridine induced convulsion in rabbits].

Metabolic inhibition enhances Ca²⁺-activated K⁺ current in smooth muscle cells of rabbit portal vein.

2,3,7,8-tetrachlorodibenzo-p-dioxin increases cardiac myocyte intracellular calcium and progressively impairs ventricular contractile responses to isoproterenol and to calcium in chick embryo hearts.

Transport mechanism of 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitors at the blood-brain barrier.

Modulation of hydrogen peroxide release from vascular endothelial cells by oxygen.

Roles of catalase and cytochrome c in hydroperoxide-dependent lipid peroxidation and chemiluminescence in rat heart and kidney mitochondria.

Xyloglucan Endotransglycosylase Activity in Carrot Cell Suspensions during cell Elongation and Somatic Embryogenesis.

[The effect of bovine serum albumin conjugates with polyalkylene oxides on the respiration of heart mitochondria].

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on protein kinase C and inositol phosphate metabolism in primary cultures of rat hepatocytes.

Discrimination between periportal and pericentral necrosis of rat liver by determination of glutamine synthetase and other enzyme activities in serum.

Angiotensin II-mediated facilitation of sympathetic neurotransmission in the spontaneously hypertensive rat is not associated with neuronal uptake of the peptide.

Differences in the transbilayer and lateral motions of fluorescent analogs of phosphatidylcholine and phosphatidylethanolamine in the apical plasma membrane of bovine aortic endothelial cells.

Importance of venular flow in control of arteriolar diameter in hamster cremaster muscle.

Comparison of the structures of the quinone-binding sites in beef heart mitochondria.

A ferro-heme protein senses oxygen levels, which modulate the glucagon-dependent activation of the phosphoenolpyruvate carboxykinase gene in rat hepatocyte cultures.

Comparative cytotoxic responses of cultured avian and rodent aortic smooth muscle cells to allylamine.

Role of P-glycoprotein in renal tubular secretion of digoxin in the isolated perfused rat kidney.

Costimulation with integrin ligands intercellular adhesion molecule-1 or vascular cell adhesion molecule-1 augments activation-induced death of antigen-specific CD4⁺ T lymphocytes.

Responses of smooth muscle cells to platelet-derived growth factor are inhibited by herbimycin-A tyrosine kinase inhibitor.

Subunit structures of purified beef mitochondrial cytochrome bc₁ complex from liver and heart.

Relatively immediate relaxant effects of cholera toxin on isolated rabbit blood vessels.

Oxidative tyrosylation of high density lipoprotein by peroxidase enhances cholesterol removal from cultured fibroblasts and macrophage foam cells.

Ultrastructural localization and afferent sources of corticotropin-releasing factor in the rat rostral ventrolateral medulla: implications for central cardiovascular regulation.

Modification by hydroxyl radicals of functional reactivity in rabbit lingual artery.

Sulphonylurea drugs no longer inhibit ATP-sensitive K⁺ channels during metabolic stress in cardiac muscle.

Primary structure of subfragment-2 from adult chicken cardiac ventricular muscle myosin.

Effects of metabolic inhibition on cytoplasmic calcium and contraction in smooth muscle of rat portal vein.

Location of the dicyclohexylcarbodiimide-reactive glutamate residue in the bovine heart mitochondrial porin.

Enhancement of neutrophil-mediated injury to bovine pulmonary endothelial cells by *Pasteurella haemolytica* leukotoxin.

Cellular damage in the rat heart caused by caffeine or dinitrophenol.

[Toxicology of tobacco].

Spontaneous somatic embryogenesis and plant regeneration from root cultures of *Peucedanum palustre*.

ATP-sensitive potassium channels in smooth muscle cells from guinea pig urinary bladder.

Evaluation of 2',7'-dichlorofluorescein and dihydrorhodamine 123 as fluorescent probes for intracellular H₂O₂ in cultured endothelial cells.

Mechanism of putrescine transport in human pulmonary artery endothelial cells.

Photoinactivation of the bovine heart mitochondrial F₁-ATPase by [¹⁴C]dequalinium cross-links phenylalanine-403 or phenylalanine-406 of an alpha subunit to a site or sites contained within residues 440-459 of a beta subunit.

Propachlor-S-cysteine: a major circulating metabolite in the calf, pig and rat after administration of propachlor.

Effects of arsenite treatment on NAD(P)H:quinone acceptor oxidoreductase activity in liver, lung, kidney, and heart of the rat. Comparison to induction by the polyaromatic hydrocarbon, beta-naphthoflavone.

Evaluation of collagen cross-linking techniques for the stabilization of tissue matrices.

Semicarbazide protection from in vivo oxidant injury of vascular tissue by allylamine.

Fourier-transform infrared study of azide binding to the Fea3-CuB binuclear site of bovine heart cytochrome c oxidase: new evidence for a redox-linked conformational change at the binuclear site.

Modulation of protooncogene expression in rat aortic smooth muscle cells by benzo[a]pyrene.

Neutrophil-mediated damage to human vascular endothelium. Role of cytokine activation.

Reabsorption of lung liquid produced by 2,4-dinitrophenol in in vitro lungs from fetal guinea pigs.

Ligand/receptor binding for 2,3,7,8-TCDD: implications for risk assessment.

The role of cytochrome c and mitochondrial catalase in hydroperoxide-induced heart mitochondrial lipid peroxidation.

In vivo correlation of Doppler waveform analysis with arterial input impedance parameters.

Effect of protein kinase inhibitors on IL-8/NAP-1 release from human umbilical vein endothelial cells.

Developmental analysis of primary and secondary somatic embryogenesis in soybean tissue culture.

Simazine toxicosis in sheep.

Inhibition of lipid peroxidation and cholesterol levels in mice by curcumin.

[A cardiac lesion secondary to paraquat].

Cutaneous toxicity and absorption of paraquat in porcine skin.

Acute effects of acrolein on breathing: role of vagal bronchopulmonary afferents.

Preferential increase of heterochromatin in venular endothelium of lung in mice after administration of dimethylarsinic acid, a major metabolite of inorganic arsenics.

Subacute toxicity of paraquat in beagle dogs: clinicopathology and pathologic examinations.

Smoke aldehyde component influences pulmonary edema.

Lung protection against paraquat is calcium dependent.

The effect of pesticides on carp (*Cyprinus carpio* L). Acetylcholinesterase and its biochemical characterization.

Morphological changes on nerves and histopathological effects on liver and kidney of rats by pentachlorophenol (PCP).

Fatal paraquat poisoning: a light microscopic study in eight autopsy cases.

Continuous arteriovenous haemoperfusion (CAVHP) for treatment of paraquat poisoning.

Efficacy of whole bowel irrigation using solutions with or without adsorbent in the removal of paraquat in dogs.

Platelet prevention of oxidant lung oedema is not mediated through scavenging of hydrogen peroxide.

Short-term hypothyroidism and vasopressin gene expression in the rat.

Selective eosinophil leukocyte recruitment by transendothelial migration and not by leukocyte-endothelial cell adhesion.

Endothelial dysfunction of resistance arteries of spontaneously hypertensive rats.

Transport of paraquat and mexiletine from the blood into the rat intestinal lumen and peritoneal cavity.

The pharmacological activity of nitroxyl: a potent vasodilator with activity similar to nitric oxide and/or endothelium-derived relaxing factor.

Responses of vascular endothelial oxidant metabolism to lipopolysaccharide and tumor necrosis factor- α .

Role of cellular defense against hydrogen peroxide-induced inhibition of myocyte respiration.

Regulation of hydrogen peroxide generation in cultured endothelial cells.

Paraquat-induced lung injury: prevention by N-tert-butyl- α -phenylnitronone, a free-radical spin-trapping agent.

Insight into the nature and site of oxygen-centered free radical generation by endothelial cell monolayers using a novel spin trapping technique.

Modification of liver and serum enzymes by paraquat treatment in rabbits.

The pyrimido-pyrimidine derivative RA-642 protects from brain injury in a combined model of permanent focal ischemia and global ischemia reperfusion.

Stable heparin-producing cell lines derived from the Furth murine mastocytoma.

Mitochondrial ATP-synthase deficiency in a child with 3-methylglutaconic aciduria.

Reduced Leydig cell volume and function in adult rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin without a significant effect on spermatogenesis.

Evidence of a neurogenic component during IgE-mediated inflammation in mouse skin.

Mechanism of the increase in intracellular sodium during metabolic inhibition: direct evidence against mediation by voltage-dependent sodium channels.

Cytochemical detection of superoxide in cerebral inflammation and ischemia in vivo.

Ingested arsenic, keratoses, and bladder cancer.

Hypoxia induces glucose transporter expression in endothelial cells.

The effects of beraprost Na, a stable prostacyclin analog, on animal models of stroke.

Pulmonary vascular abnormalities in experimentally induced congenital diaphragmatic hernia in rats.

A Danish kindred with familial amyloid cardiomyopathy revisited: identification of a mutant transthyretin-methionine111 variant in serum from patients and carriers.

Dose-response relationships for chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in a rat tumor promotion model: quantification and immunolocalization of CYP1A1 and CYP1A2 in the liver.

Comparative studies on the extractability of collagen from aortas of stroke-prone spontaneously hypertensive and normotensive rats.

Localization of the reflex pathway responsible for the vasodepressor reaction induced by inferior vena caval occlusion and isoproterenol.

Extraembryonic tissue changes induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,4,7,8-pentachlorodibenzofuran with a note on direction of maternal blood flow in the labyrinth of C57BL/6N mice.

Neutrophils contribute to TNF induced myocardial tolerance to ischaemia.

Effects of acid-base status on acute hypoxic pulmonary vasoconstriction and gas exchange.

Mitochondrial ATP-synthase activity in cardiomyocytes after aerobic-anaerobic metabolic transition.

The role of occupational exposure and immunodeficiency in B-cell malignancies. Working Group on the Epidemiology of Hematolymphopoietic Malignancies in Italy.

Mitochondrial dysfunction observed in situ in cardiomyocytes of rats in experimental diabetes.

Development of a quantitative in vitro transformation assay for kidney epithelial cells.

Metabolically dependent blood-brain barrier breakdown in chronic relapsing experimental allergic encephalomyelitis.

Chemical modification of bovine pericardium and its effect on calcification in the rat subdermal model.

Toxicity of monochloroacetic acid administered by gavage to F344 rats and B6C3F1 mice for up to 13 weeks.

Fatal systemic poisoning after skin exposure to monochloroacetic acid.

Relationship between the cytolytic tenebrosin-C from *Actinia tenebrosa* and equinatoxin II from *Actinia equina*.

Hepatic Na(+)-dicarboxylate cotransport: identification, characterization, and acinar localization.

Effect of inorganic phosphate on hypoxanthine transport in isolated brain microvessels.

Vascular smooth muscle cell detachment from elastin and migration through elastic laminae is promoted by chondroitin sulfate-induced "shedding" of the 67-kDa cell surface elastin binding protein.

Kinetic analysis of internalization, recycling and redistribution of atrial natriuretic factor-receptor complex in cultured vascular smooth-muscle cells. Ligand-dependent receptor down-regulation.

Hypoxia-elicited contraction of aorta and coronary artery via removal of endothelium-derived nitric oxide.

Effect of increased tissue oxygen uptake on autoregulation in postnatal intestine.

Amino acid sequence of the 20-kDa regulatory light chain of porcine aorta media smooth muscle myosin.

Use of multiple-cause mortality data in epidemiologic analyses: US rate and proportion files developed by the National Institute for Occupational Safety and Health and the National Cancer Institute.

Synergism among oxidants, proteinases, phospholipases, microbial hemolysins, cationic proteins, and cytokines.

Amino-acid sequence of the short subfragment-2 in adult chicken cardiac muscle myosin.

Ferritin: a cytoprotective antioxidant strategem of endothelium.

Allylamine toxicity in embryonic myocardial myocyte reaggregate cultures: The role of extracellular metabolism by benzylamine oxidase.

Uptake of polyamines by human endothelial cells. Characterization and lack of effect of agonists of endothelial function.

The potentiation of 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity by tamoxifen in female CD1 mice.

Absence of mitochondrial beta-adrenoceptors in guinea pig myocardium: evidence for tissue disparity.

Oncostatin M induces tyrosine phosphorylation in endothelial cells and activation of p62yes tyrosine kinase.

Induction of cystine transport in bovine pulmonary artery endothelial cells by sodium arsenite.

Purification and characterization of adenosine diphosphatase from human umbilical vessels.

Surgical and pharmacological dissociation of cardiovascular and emetic responses to intragastric CuSO₄.

Health status and needs of migrant farm workers in the United States: a literature review.

Bioenergetics and cell communication; cell uncoupling seen as a protective mechanism in cardiac muscle.

[Effects of ifenprodil on the adenosine triphosphatase of guinea pig liver mitochondria].

Thermoregulatory, carboxyatractylate-sensitive uncoupling in heart and skeletal muscle mitochondria of the ground squirrel correlates with the level of free fatty acids.

Distribution of cytochrome P450 1A1 and NADPH-cytochrome P450 reductase in lungs of rabbits treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin: ultrastructural immunolocalization and in situ hybridization.

Mammalian thymidine kinase 2. Direct photoaffinity labeling with [32P]dTTP of the enzyme from spleen, liver, heart and brain.

A monoclonal antibody that recognizes different conformational states of skeletal muscle troponin C and other calcium binding proteins.

A cardiac troponin T epitope conserved across phyla.

Mechanisms of extracellular reactive oxygen species injury to the pulmonary microvasculature.

Characterization of the thromboxane receptor mediating prostacyclin release from cultured endothelial cells.

Zinc transport into endothelial cells is a facilitated process.

Absorptive-mediated endocytosis of an adrenocorticotrophic hormone (ACTH) analogue, ebratide, into the blood-brain barrier: studies with monolayers of primary cultured bovine brain capillary endothelial cells.

Inhibition of tyrosine phosphorylation prevents thrombin-induced mitogenesis, but not intracellular free calcium release, in vascular smooth muscle cells.

NTP Toxicology and Carcinogenesis Studies of Methyl Bromide (CAS: 74-83-9) in B6C3F1 Mice (Inhalation Studies).

Liquid flow across the epithelium of the artificially perfused lung of fetal and postnatal sheep.

Serotonin and norepinephrine vasoconstriction in rat hindlimb have different oxygen requirements.

Taurine transport in skate hepatocytes. II. Volume activation, energy, and sulfhydryl dependence.

Inhibition of ferrous-induced lipid peroxidation by pyrimido-pyrimidine derivatives in human liver membranes.

Effects of chronic atropine administration on regional vasoactive intestinal polypeptide concentrations in rat brain.

Oxygen modulates contractile responses to potassium and prostaglandin F₂ alpha in human pial arteries.

Growth stimulation by catecholamines in plant tissue/organ cultures.

NTP Toxicology and Carcinogenesis Studies of Monochloroacetic Acid (CAS No. 79-11-8) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Activity of oxytocinergic neurons in the paraventricular nucleus mirrors the periodicity of the endogenous stimulatory rhythm regulating prolactin secretion.

A potassium current activated by lemakalim and metabolic inhibition in rabbit mesenteric artery.

Tissue distribution of monochloroacetic acid and its binding to albumin in rats.

Polyhalogenated dibenzo-p-dioxins and dibenzofurans and the immune system. 4. Effects of multiple-dose treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on peripheral lymphocyte subpopulations of a non-human primate (*Callithrix jacchus*).

Vascular cells under peroxide induced oxidative stress: a balance study on in vitro peroxide handling by vascular endothelial and smooth muscle cells.

Contrasting influences of central and peripheral opioids on cardiac baroreflex sensitivity in rabbits.

[Production of monoclonal antibody against diquat and its application for forensic medicine].

[Effect of almitrine in acute canine lung injury induced by paraquat].

[Immunomorphological analysis of prolonged intoxication by low doses of herbicide simazine].

The upper respiratory tract: mucous membrane irritation.

Fructose 1,6-diphosphate augments paraquat injury in isolated dog lungs.

Paraquat poisoning: findings on chest radiography and CT in 42 patients.

Toxicology and carcinogenesis studies of two grades of pentachlorophenol in B6C3F1 mice.

2,4-D toxicosis.III: An attempt to produce 2,4-D toxicosis in dogs on treated grass plots.

2,4-D toxicosis.II: A pilot study of clinical pathologic and electroencephalographic effects and residues of 2,4-D in orally dosed dogs.

Superoxide is involved in the pathogenesis of paraquat-induced injury in cultured rat liver slices.

Confirmation of chemical sensitivity by means of double-blind inhalant challenge of toxic volatile chemicals.

[Arachidonic acid metabolism and angiotensin converting enzyme activity by cultured porcine pulmonary artery endothelial cells are affected with paraquat].

Mortality and incidence of cancer at four factories making phenoxy herbicides.

Allylamine and acrolein toxicity in perfused rat hearts.

Germinomas and teratoid siphon anomalies in softshell clams, *Mya arenaria*, environmentally exposed to herbicides.

Immunohistochemical localization of paraquat in lung and brain.

[Ultrastructural changes in the adenohipophysis-thyroid system in chronic poisoning by the herbicide linuron].

[The effect of the acetanilide herbicide Acetochlor on the cardiovascular system of white rats].

Acute poisoning with a glyphosate-surfactant herbicide ('Roundup'): a review of 93 cases.

Oxygen metabolite effects on creatine kinase and cardiac energetics after reperfusion.

Protection against free radical-induced and transition metal-mediated damage: the use of "pull" and "push" mechanisms.

Central monoamine oxidase and phenolsulfotransferase activities in spontaneously hypertensive rats.

Increase in metallothionein produced by chemicals that induce oxidative stress.

Enzyme mediated superoxide radical formation initiated by exogenous molecules in rat brain preparations.

The promotion of self-association of horse-heart cytochrome c by hexametaphosphate anions.

Propachlor-S-glutathione metabolism by kidneys and ureters of calves.

Paraquat depresses the activity of angiotensin converting enzyme expressed by human umbilical vein endothelial cells in culture.

Release of intact endothelium-derived relaxing factor depends on endothelial superoxide dismutase activity.

Studies on the periportal hepatotoxicity of allyl alcohol.

Comparison of known and suspected pheromonal constituents in males of African ticks, *Amblyomma hebraeum* Koch and *Amblyomma variegatum* (Fabricius).

Myocardial calcium cycling defect in furazolidone cardiomyopathy.

Hypoxia induces endothelial cell synthesis of membrane-associated proteins.

Mechanism for enterohepatic injury caused by circulatory disturbance of hepatic vessels in the rat.

Hemolytic activity of ethylene glycol phenyl ether (EGPE) in rabbits.

Ninety day toxicity study of chloroacetic acids in rats.

Acute neurotoxicity of sodium azide and nitric oxide.

Long-term effects of chemical disasters. Lessons and results from Seveso.

Effects of ATP-sensitive K⁺ channel blockers on the action potential shortening in hypoxic and ischaemic myocardium.

[Intestinal obstruction caused by non-absorbable tablets and Budd-Chiari syndrome in a patient with Crohn's disease].

Ninety-day toxicity study of sodium monochloroacetate in Sprague-Dawley rats.

Transfusion of type-A and type-B blood to cats.

Studies of controlled reperfusion after ischemia. XXI. Reperfusate composition: superiority of blood cardioplegia over crystalloid cardioplegia in limiting reperfusion damage--importance of endogenous oxygen free radical scavengers in red blood cells.

Reversibility of thymic atrophy induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and bis(tri-n-butyltin)oxide (TBTO).

Chronic inhalation toxicity and carcinogenicity study of methyl bromide in Wistar rats.

[Massive hemoptysis ten days after bronchial extraction of an accidentally inhaled tablet of ferrous sulfate].

Altered metabolic response of iron-deficient women during graded, maximal exercise.

Polycythemia in diabetic patients on CAPD.

Separate beta subunits are derivatized with ¹⁴C and ³H when the bovine heart mitochondrial F1-ATPase is doubly labeled with 7-chloro-4-nitro[¹⁴C]benzofurazan and 5'-p-fluorosulfonylbenzoyl[³H]inosine.

Radioligand binding to muscarinic receptors of bovine aortic endothelial cells.

Chemoprotectants for cancer chemotherapy.

Cloning and characterization of the mitochondrial phosphate transport protein gene from the yeast *Saccharomyces cerevisiae*.

Isolation and characterization of cDNA clones to mouse macrophage and human endothelial cell tissue transglutaminases.

Allylamine toxicity in embryonic myocardial myocyte reaggregate cultures.

Effect of experimental ocular hypertension on macrovacuolation in Schlemm's canal endothelial cells of monkey eyes.

Penetration, distribution and kinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in human skin in vitro.

Glutathione redox cycle is an important defense system of endothelial cells against chronic hyperoxia.

Polyhalogenated dibenzo-p-dioxins and dibenzofurans and the immune system. 2. In vitro effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on lymphocytes of venous blood from man and a non-human primate (*Callithrix jacchus*).

Vagal amplification of phrenic nerve activity at different levels of ventilation in spontaneously breathing cats.

Ten- and ninety-day toxicity studies of 1,2-dichlorobenzene administered by oral gavage to Sprague-Dawley rats.

Accumulation and release of adrenaline, and the modulation by adrenaline of noradrenaline release from rabbit blood vessels in vitro.

The effect of Fe²⁺/ascorbate induced lipid peroxidation on the beta-adrenoceptor of sarcolemmal membranes.

Effects of cyclic nucleotides and phorbol myristate acetate on proliferation of pig aortic endothelial cells.

Characterization of the renal effects and renal elimination of sulotroban in the dog.

Hexose uptake in primary cultures of bovine brain microvessel endothelial cells. I. Basic characteristics and effects of D-glucose and insulin.

Protein-ubiquinone interaction in bovine heart mitochondrial succinate-cytochrome c reductase. Synthesis and biological properties of fluorine substituted ubiquinone derivatives.

Assignment of disulphide bonds in synthetic endothelin-1 isomers by fast atom bombardment mass spectrometry.

Human serum catalase decreases endothelial cell injury from hydrogen peroxide.

Differentiation by hydroquinone of relaxations induced by exogenous and endogenous nitrates in non-vascular smooth muscle: role of superoxide anions.

Identification of cysteine residues in lamb kidney (Na,K)-ATPase essential for ouabain binding.

Horse heart ferricytochrome c: conformation and heme configuration of high ionic strength acidic forms.

Plant regeneration from protoplasts of embryogenic cell suspensions of *Coffea arabica* L. cv. *caturrea*.

NTP Toxicology and Carcinogenesis Studies of Sodium Azide (CAS: 26628-22-8) in F344 Rats (Gavage Studies).

Cis-inhibition and trans-stimulation of cationic amino acid transport in the perfused rat pancreas.

Transport of monocarboxylic acids at the blood-brain barrier: studies with monolayers of primary cultured bovine brain capillary endothelial cells.

Studies on the mechanism of the toxic action of sodium nitrite on intestinal absorption in rats.

Detection of *Streptococcus suis* type 2 in tonsils of slaughtered pigs using improved selective and differential media.

Improved culture conditions for somatic embryogenesis from *Asparagus officinalis* L. using an aseptic ventilative filter.

Mitochondrial 3-2trans-Enoyl-CoA isomerase. Purification, cloning, expression, and mitochondrial import of the key enzyme of unsaturated fatty acid beta-oxidation.

Cardiotonic action of plumbagin on guinea-pig papillary muscle.

In vitro identification of a soluble protein:geranylgeranyl transferase from rat tissues.

Induction of a 31,000-dalton stress protein by prostaglandins D2 and J2 in porcine aortic endothelial cells.

Cross-linking of residue 57 in the regulatory domain of a mutant rabbit skeletal muscle troponin C to the inhibitory region of troponin I.

The primary structure of skeletal muscle myosin heavy chain: I. Sequence of the amino-terminal 23 kDa fragment.

Quantitation of type I, III, and V collagens in human tissue samples by high-performance liquid chromatography of selected cyanogen bromide peptides.

The pyrimido-pyrimidine derivative RA-642: a potent inhibitor of ferrous-induced lipid peroxidation in cell membranes.

Complete amino acid sequence of rat liver cytosolic alanine aminotransferase.

Complete sequence of *Sipunculus nudus* erythrocyte histone H2B and its gene. Identification of an N,N-dimethylproline residue at the amino-terminus.

Novel separation and amino acid sequences of alpha and beta subunits of pig heart pyruvate dehydrogenase.

Purification and immunohistochemical detection of an embryogenic cell protein in carrot.

Tissue-specific and organ-specific expression of soybean auxin-responsive transcripts GH3 and SAURs.

Pre-embarkment prognostication for acute paraquat poisoning.

[Experimental study of cardiotoxic effect of the pesticide sulfocarbathione].

[An immunological and morphological study of focal staphylococcal infection against a background of long-term exposure to the herbicide linuron].

Effects of pentachlorophenol and other chemical preservatives on the health of wood-treating workers in Hawaii.

Effects of paraquat on mortality and cardiorespiratory function of catfish fry *Plecostomus commersoni*.

[Various methodological approaches to evaluation of the cardiotoxic effect of pesticides in relation to the age factor].

Toxicokinetics of monochloroacetic acid: a whole-body autoradiography study.

[Free radicals in industrial medicine: their mechanisms of toxicity and biological relevance].

Inhibition of rat heart mitochondrial electron transport in vitro: implications for the cardiotoxic action of allylamine or its primary metabolite, acrolein.

PO₂ modulation of paraquat-induced microvascular injury in isolated dog lungs.

Acrolein depletes the neuropeptides CGRP and substance P in sensory nerves in rat respiratory tract.

[Pulmonary lesion of paraquat poisoning on high resolution CT].

Initial accumulation of paraquat in the heart leading to acute death.

Electroencephalographical analysis of acute paraquat poisoning.

Toxicokinetics of paraquat in humans.

Paraquat pharmacokinetics using a subcutaneous toxic low dose in the rat.

[Distribution and elimination of C-14-2,4-dichlorophenoxyacetic acid (2,4 D) in rat tissues in acute poisoning].

Biological valuation of extra-corporeal techniques in acute poisoning.

Oxygen radicals in lung pathology.

Health status of Air Force veterans occupationally exposed to herbicides in Vietnam. II. Mortality.

Health status of Air Force veterans occupationally exposed to herbicides in Vietnam. I. Physical health.

Induction of superoxide dismutase in leukocytes by paraquat: correlation with age and possible predictor of longevity.

Acquisition and decay of heat-shock-enhanced postischemic ventricular recovery.

Interleukin 1 pretreatment decreases ischemia/reperfusion injury.

Role of sulfidopeptide leukotrienes in synthetic smoke inhalation injury in sheep.

Derecruitment of filtration surface area in paraquat-injured isolated dog lungs.

Acid-base balance and cardiac index in SO₂-bronchitic, papaine-emphysematous and paraquat-fibrotic rats after isoproterenol treatment.

Alterations of arachidonate metabolism in cardiovascular system by cigarette smoking.

Literature review on duckweed toxicity testing.

Differences in endothelium-dependent cerebral dilation by bradykinin and acetylcholine.

Metabolism of the glutathione conjugate of propachlor by in situ perfused kidneys and livers of rats.

[Negativation of tissue paraquat levels under continuous arteriovenous hemodialysis after accidental poisoning].

Aminotriazole effects on lung and heart H₂O₂ detoxifying enzymes and TBA-RS at two pO₂.

Effects of acrolein on human platelet aggregation.

A role for a new vascular enzyme in the metabolism of xenobiotic amines.

Electron dense artefactual deposits in tissue sections: the role of ethanol, uranyl acetate and phosphate buffer.

Collagen of the normal and the varicose human saphenous vein: a biochemical study.

Collagen phenotypes during development and regression of myocardial hypertrophy in spontaneously hypertensive rats.

Therapeutic effects of fengabine, a new GABAergic agent, in depressed outpatients: a double-blind study versus clomipramine.

End-tidal CO₂, CO₂ production, and O₂ consumption as early indicators of approaching hyperthermia.

Two modes of idiotypic stimulation of T lymphocytes from patients with Chagas' disease: correlations with clinical forms of infection.

Potassium accumulation in the globally ischemic mammalian heart. A role for the ATP-sensitive potassium channel.

Enhanced deposition of predominantly type I collagen in myocardial disease.

Prevalence of iron deficiency in children aged 9-24 mo from a large urban area of Argentina.

Oxygen extraction in lamb skeletal muscle.

Ontogeny of mitochondrial calcium transport in spontaneously hypertensive (SHR) and WKY rats.

Effect of a new herbo-mineral hypolipidemic agent on plasma lipoprotein pattern in rat atherosclerosis.

[Hemolytic anemia following surgical repair of mitral valve insufficiency in children].

Influence of dissolution rate and pH of oral medications on drug-induced esophageal injury.

[The nature, severity and distribution of obstructive airway lesions in COPD studied by morphometry and computer-assisted 3-D reconstruction].

[Therapeutic effect of antioxidant dibunol in experimental alcoholic cardiomyopathy].

Studies on the role of lipid peroxidation in the acute toxicity of TCDD in rats.

Isoproterenol-induced maximal heart rate in normothermic and hyperthermic horses.

Brain phenylalanine and tyrosine levels and hepatic encephalopathy induced by CCl₄ in rats.

Experimentally induced congenital diaphragmatic hernia in rats.

Fibril in senile systemic amyloidosis is derived from normal transthyretin.

Histological examination of the temporal bone in medicolegal cases of asphyxia.

Neurogenic inflammation, vascular permeability, and mast cells. Capsaicin desensitization fails to influence IgE-anti-DNP induced vascular permeability in rat airways.

Changes in the composition and metabolism of arterial collagens during the development of pulmonary hypertension in rabbits.

Death following accidental sodium azide ingestion.

Embryotoxic effects of sodium arsenite and sodium arsenate on mouse embryos in culture.

Collagen species in various sized human arteries and their changes with intimal proliferation.

Local mechanical oscillations of the cell surface within the range 0.2-30 Hz.

Golgi-like demonstration of "dark" neurons with an argyrophil III method for experimental neuropathology.

Sequence of the bovine 2-oxoglutarate/malate carrier protein: structural relationship to other mitochondrial transport proteins.

Lung injury in Fischer but not Sprague-Dawley rats after short-term hyperoxia.

Influence of SK&F 95587 and BN 50730 on bronchoconstrictor responses in the cat.

Radiofrequency plasma deposition of oxygen-containing films on polystyrene and poly(ethylene terephthalate) substrates improves endothelial cell growth.

Memory consolidation of weak training experiences by hormonal treatments.

Metabolism of exogenous substrates by coronary endothelial cells in culture.

Polyamine uptake by human vascular endothelial cells.

Uptake and retention of hexakis (2-methoxyisobutyl isonitrile) technetium(I) in cultured chick myocardial cells. Mitochondrial and plasma membrane potential dependence.

Primary structure of a hemorrhagic metalloproteinase, HT-2, isolated from the venom of *Crotalus ruber ruber*.

Cyanogen bromide fragments of Akazara scallop Mr 52,000 troponin-I.

Reduction of phosphate-induced dysfunction in rat heart mitochondria by carnitine.

The amino acid sequence of cytosolic aspartate aminotransferase from human liver.

Transient inotropic effects of low extracellular sodium in perfused rat heart.

Synthesis and preliminary evaluation of carbon-11-meta-hydroxyephedrine: a false transmitter agent for heart neuronal imaging.

Energy dependence of sodium-calcium exchange in vascular smooth muscle cells.

Priming the system that causes the release of cytosolic proteins in the perfused rat heart.

Contact site between inner and outer mitochondrial membrane: a dynamic microcompartment for creatine kinase activity.

Sites phosphorylated in bovine cardiac troponin T and I. Characterization by ³¹P-NMR spectroscopy and phosphorylation by protein kinases.

End-tidal carbon dioxide concentration, carbon dioxide production, heart rate, and blood pressure as indicators of induced hyperthermia.

Complete amino acid sequence of tenebrosin-C, a cardiac stimulatory and haemolytic protein from the sea anemone *Actinia tenebrosa*.

Glutathione enhancement in various mouse organs and protection by glutathione isopropyl ester against liver injury.

Tyrosine alpha 244 is derivatized when the bovine heart mitochondrial F1-ATPase is inactivated with 5'-p-fluorosulfonylbenzoylethadenosine.

Collagen biosynthesis in rabbit intraarticular patellar tendon transplants.

Choline uptake by cerebral capillary endothelial cells in culture.

Isolation of viable intestinal epithelial cells and their use for in vitro toxicity studies.

2,3,7,8-Tetrachlorodibenzo-p-dioxin pretreatment of female mice altered tissue distribution but not hepatic metabolism of a subsequent dose.

L-NG-monomethyl arginine and L-NG-nitro arginine inhibit non-adrenergic, non-cholinergic relaxation of the mouse anococcygeus muscle.

Oxidant-induced haemoprotein degradation in rat tissue slices: effect of bromotrichloromethane, antioxidants and chelators.

Effect of polymorphonuclear leukocyte-derived oxygen free radicals and hypochlorous acid on cardiac function and some biochemical parameters.

Use of the acyl azide method for cross-linking collagen-rich tissues such as pericardium.

³¹P NMR measurement of mitochondrial uncoupling in isolated rat hearts.

Isolation and amino acid sequence of a novel 6.8-kDa mitochondrial proteolipid from beef heart. Use of FAB-MS for molecular mass determination.

Characterization of zero-length cross-links between rabbit skeletal muscle troponin C and troponin I: evidence for direct interaction between the inhibitory region of troponin I and the NH₂-terminal, regulatory domain of troponin C.

Patterns of expression of the JIM4 arabinogalactan-protein epitope in cell cultures and during somatic embryogenesis in *Daucus carota* L.

Attempts to identify the causative allergen in cases of allergic contact dermatitis using an in vitro lymphocyte transformation test.

Polyhalogenated dibenzo-p-dioxins and dibenzofurans and the immune system. 1. Effects on peripheral lymphocyte subpopulations of a non-human primate (*Callithrix jacchus*) after treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Sodium-azide-evoked noradrenaline release from peripheral nerves of rabbit pulmonary artery.

The ostrich pituitary contains a major peptide homologous to mammalian chromogranin A(1-76).

Disposition, elimination, and metabolism of tri-o-cresyl phosphate following daily oral administration in Fischer 344 male rats.

[Hematologic parameters in repeated autologous blood donation].

Superoxide-dependent and superoxide-independent pathways for reduction of nitroblue tetrazolium in isolated rat cardiac myocytes.

Diquat hepatotoxicity in the Fischer-344 rat: the role of covalent binding to tissue proteins and lipids.

Bronchial artery ligation modifies pulmonary edema after exposure to smoke with acrolein.

Comparative toxicity of allylamine and acrolein in cultured myocytes and fibroblasts from neonatal rat heart.

[A clinical study of pulmonary edema on paraquat poisoning by double indicator dilution method using heat and sodium].

The effects of 24% paraquat (1,1'-dimethyl-4,4'-bipyridylium dichloride) on hemodynamics, blood gases, plasma lactate and plasma catecholamines in dogs.

[Paraquat poisoning: clinical and anatomopathologic aspects in 3 cases].

Effect of paraquat administered intraperitoneally on the nonpolar lipids of rabbits.

The ratio of oxidized/reduced glutathione as an index of oxidative stress in various experimental models of shock syndrome.

[Toxicological and hygienic characteristics of sulfocarbathione].

A new activity of herbimycin A: inhibition of angiogenesis.

The coincidence of myocardial reperfusion injury and hydrogen peroxide production in the isolated rat heart.

Endotoxin pretreatment increases endogenous myocardial catalase activity and decreases ischemia-reperfusion injury of isolated rat hearts.

Erythrocyte catalase decreases cardiac reperfusion injury.

Relative importance of intracellular glutathione peroxidase and catalase in vivo for prevention of peroxidation to the heart.

Hydroxylamine is a vasorelaxant and a possible intermediate in the oxidative conversion of L-arginine to nitric oxide.

Differential effects of hyperoxia and hydrogen peroxide on DNA damage, polyadenosine diphosphate-ribose polymerase activity, and nicotinamide adenine dinucleotide and adenosine triphosphate contents in cultured endothelial cells and fibroblasts.

Effect of chronic ethanol, catalase inhibitor 3-amino-1,2,4-triazole and clofibrate treatment on lipid peroxidation in rat myocardium.

The adrenocorticotrophic hormone (ACTH)-induced reversal of hemorrhagic shock.

A highly potent antiangiogenic activity of retinoids.

Effects of hypoxia, elevated K⁺ and acidosis on the potency of verapamil, diltiazem and nifedipine in the guinea-pig isolated papillary muscle.

[Noncirrhotic liver fibrosis after chronic arsenic poisoning].

Albumin decreases hydrogen peroxide and reperfusion injury in isolated rat hearts.

Fatal azide-induced cardiomyopathy presenting as acute myocardial infarction.

Collagen types and matrix protein content in human abdominal aortic aneurysms.

Cottonseed meal (gossypol) toxicosis in a swine herd.

Nigexine, a phospholipase A2 from cobra venom with cytotoxic properties not related to esterase activity. Purification, amino acid sequence, and biological properties.

Hemodynamic effects of experimental iron poisoning.

Regional hemodynamic responses to hypoxia and hypermetabolism in polycythemic dogs.

Mortality in an area contaminated by TCDD following an industrial incident.

Powerful antiangiogenic activity of herbimycin A (named angiostatic antibiotic).

Ten-year mortality study of the population involved in the Seveso incident in 1976.

Control of glycogen synthase and phosphorylase in hepatocytes from diabetic rats. Effects of glucagon, vasopressin, and vanadate.

Characterization of MB creatine kinase isoform conversion in vitro and in vivo in dogs.

Reperfusion-induced calcium gain after ischemia.

The effect of a chalcogenopyrylium dye with and without photolysis on mitochondrial function in normal and tumor cells.

Erythrocytes decrease myocardial hydrogen peroxide levels and reperfusion injury.

Ehlers-Danlos syndrome type IV (EDS IV) as model of a defective biopolymer composite material.

Atrial natriuretic peptide and sodium azide dependent guanylate cyclase activities in placentas from normal and severely toxemic patients.

Oxygen free radicals and corneal endothelium.

The effect of oxidants on biomembranes and cellular metabolism.

The reactivity of sulfhydryl groups of bovine cardiac troponin C.

Effect of reducing agents and uncouplers on the electrical potential generated by mitochondrial ATPase activity.

Very high water permeability in vasopressin-induced endocytic vesicles from toad urinary bladder.

Mitochondrial NADH:ubiquinone reductase: complementary DNA sequence of the import precursor of the bovine 75-kDa subunit.

Continuous arteriovenous hemofiltration in experimental iron intoxication.

[Effects of FeSO₄ on electrical and mechanical activity of guinea pig papillary muscles].

Evaluation of mitochondrial function by measuring the heat production in state 3 and state 4 respiration.

Amino acid sequences of the two major isoforms of troponin C from crayfish.

Triphasic inotropic response of guinea-pig papillary muscle to murrayaquinone-A isolated from Rutaceae.

Prolonged aerobic exercise: physiological studies in rat gastrocnemius with additional observations on the effects of acute mitochondrial blockade.

Immunocytochemical localization of intracellular acidic compartments: rat proximal nephron.

7-Heteroaryl-1,2,3,5-tetrahydroimidazo[2,1-b]quinazolin-2(1H)-one derivatives with cardiac stimulant activity.

Complete amino-acid sequence of subfragment-2 in adult chicken skeletal muscle myosin.

Relationship between coronary flow and high energy phosphates in the isolated perfused rat heart, with special reference to the effects of anoxia, iodoacetic acid, and 2,4-dinitrophenol.

Reduction of calcium channel antagonist binding sites by oxygen free radicals in rat heart.

Immunological and structural characterization of sarafotoxin/endothelin family of peptides.

Bradykinin and inositol 1,4,5-trisphosphate-stimulated calcium release from intracellular stores in cultured bovine endothelial cells.

Epitope of OSCP oligomycin sensitivity conferring protein exposed at the surface of the mitochondrial ATPase-ATP synthase complex.

Structure-function relationships in cardiac troponin T.

Caldesmon150, caldesmon77 and skeletal muscle troponin T share a common antigenic determinant.

Homology between the cDNAs encoding phosphoprotein p19 and SCG10 reveals a novel mammalian gene family preferentially expressed in developing brain.

Aplysia californica neurons R3-R14: primary structure of the myoactive histidine-rich basic peptide and peptide I.

Differential control and calcium-dependence of production of endothelium-derived relaxing factor and prostacyclin by pig aortic endothelial cells.

The effect of hypoxia and of energy depletion on 1,4-dihydropyridine binding sites in rat cardiac membrane fragments.

Localization of sites modified during inactivation of the bovine heart mitochondrial F1-ATPase by quinacrine mustard using [3H]aniline as a probe.

Amino-acid sequence of the short subfragment-2 in adult chicken skeletal muscle myosin.

Management of acute iron overdose.

Improved gas chromatography with electron-capture detection using a reaction pre-column for the determination of blood cyanide: a higher content in the left ventricle of fire victims.

[The effect of hepatotoxins on the activity of organelle-specific enzymes and metabolism of liver lipids].

Amino acid sequence of horseshoe crab, *Tachypleus tridentatus*, striated muscle troponin C.

Uptake of CD-349 and nitrendipine into bovine intrapulmonary artery and vein.

Sequence simplification and the intra- and intermolecular self-recognition properties of vasopressin/neurophysin biosynthetic precursor.

Temperature-sensitive steps in the secretory pathway for von Willebrand factor in endothelial cells.

Amino acid sequence of locust neuroparsins.

Exploration of delta-subunit interactions in beef heart mitochondrial F1-ATPase by monoclonal antibodies.

Specific labeling of beef heart mitochondrial ADP/ATP carrier with N-(3-iodo-4-azidophenylpropionamido)cysteinyl-5-(2'-thiopyridyl)cysteine-coenzyme A (ACT-CoA), a newly synthesized 125I-coenzyme A derivative photolabel.

Analysis of the hyperpolarizing effect of catecholamines on canine cardiac Purkinje fibres.

Stimulated human neutrophils damage cardiac sarcoplasmic reticulum function by generation of oxidants.

Non-mitochondrial calcium ion regulation in rat ventricular myocytes.

Photolabeling of the phosphate binding site of mitochondrial F1-ATPase by [32P]azidonitrophenyl phosphate. Identification of the photolabeled amino acid residues.

Interaction of human eosinophils or neutrophils with *Trypanosoma cruzi* in vitro causes bystander cardiac cell damage.

Amino-terminal sequence analysis of rat heart and muscle glycogen synthase: homology to the rabbit enzyme and the implications for hormonal control.

Effect of calmodulin on sarcoplasmic reticular Ca²⁺-transport in the aging heart.

Fatty acids are not an important fuel for coronary microvascular endothelial cells.

Is fatty acid uptake in cardiomyocytes determined by physicochemical fatty acid partition between albumin and membranes?

Ostrich MSEL-neurophysin belongs to the class of two-domain "big" neurophysin as indicated by complete amino acid sequence of the neurophysin/copeptin.

Dimethylthiourea prevents hydrogen peroxide and neutrophil mediated damage to lung endothelial cells in vitro and disappears in the process.

Sodium-azide-evoked noradrenaline and catecholamine release from peripheral sympathetic nerves and chromaffin cells.

2,3,7,8, tetrachlorodibenzo-p-dioxin induces oxygen activation associated with cell respiration.

H₂O₂ and cGMP may function as an O₂ sensor in the pulmonary artery.

Health and reproductive outcomes among American Legionnaires in relation to combat and herbicide exposure in Vietnam.

Reproductive behaviour and consistent patterns of abnormality in offspring of Vietnam veterans.

Functional teratogens of the rat kidney. II. Nitrofen and ethylenethiourea.

Functional teratogens of the rat kidney. I. Colchicine, dinoseb, and methyl salicylate.

Delayed sudden death after ingestion of MCPP and ioxynil: an unusual presentation of hormonal weedkiller intoxication.

Allylamine-induced vascular toxicity in vitro: prevention by semicarbazide-sensitive amine oxidase inhibitors.

Radiotherapy for the treatment of pulmonary complications of paraquat poisoning.

Acute MCPP intoxication: report of two cases.

Oxidant stress following renal ischemia: changes in the glutathione redox ratio.

Synthetic smoke with acrolein but not HCl produces pulmonary edema.

Limited dermal ossification: a case report.

Toxicokinetics of paraquat through the heart-lung block. Six cases of acute human poisoning.

Comparative study on cerebrovascular injuries by three chlorophenoxyacetic acids (2,4-D, 2,4,5-T and MCPA).

Hydrogen peroxide mediates reperfusion injury in the isolated rat heart.

Xanthine oxidase produces hydrogen peroxide which contributes to reperfusion injury of ischemic, isolated, perfused rat hearts.

Protective effect of alpha-human atrial natriuretic polypeptide (alpha-hANP) on chemical-induced pulmonary edema.

In vivo effects of doxorubicin and isoproterenol on reduced glutathione and H₂O₂ production in mouse heart.

Effect of chronic ethanol treatment under partial catalase inhibition on the activity of enzymes related to peroxide metabolism in rat liver and heart.

Toxicology and pathology of methyl bromide in F344 rats and B6C3F1 mice following repeated inhalation exposure.

Endogenous opiate modulation of baroreflexes in normotensive and hypertensive rats.

Molecular diversity in the abdominal aortic aneurysm phenotype.

Biochemical and functional effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the heart of female rats.

Atypical myoglobinuria: an acute myopathy in grazing horses.

The acute toxicity of 2,3,4,7,8-pentachlorodibenzofuran (4PeCDF) in the male Fischer rat.

Increase in cross-linking of type I and type III collagens associated with volume-overload hypertrophy.

Demonstration and characterization of a transient arthritis in rats following sensitization of synovial mast cells with antigen-specific IgE and parenteral challenge with specific antigen.

Synthetic peptides derived from IRBP induce EAU and EAP in Lewis rats.

Degrading process of acute ischemic myocardial cells.

Synthesis and pharmacological screening of some new triazoles.

Alteration of methyl dopa absorption, metabolism, and blood pressure control caused by ferrous sulfate and ferrous gluconate.

Calcium gain during postischemic reperfusion. The effect of 2,4-dinitrophenol.

Birth defects in the Seveso area after TCDD contamination.

A crucial role of ongoing anaerobic glycolysis in attenuating acute ischemia-induced release of myocardial noradrenaline.

Catalase prevents increased lung vascular permeability during air emboli in unanesthetized sheep.

The effect of iron therapy on the exercise capacity of nonanemic iron-deficient adolescent runners.

Effect of catalase on endotoxin-induced acute lung injury in unanesthetized sheep.

Altered elastin and collagen synthesis associated with progressive pulmonary hypertension induced by monocrotaline. A biochemical and ultrastructural study.

Heart as a target organ in 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity: decreased beta-adrenergic responsiveness and evidence of increased intracellular calcium.

Variants of human tissue-type plasminogen activator. Fibrin binding, fibrinolytic, and fibrinogenolytic characterization of genetic variants lacking the fibronectin finger-like and/or the epidermal growth factor domains.

Plasmid-borne resistance to arsenate, arsenite, cadmium, and chloramphenicol in a *Rhodococcus* species.

Acute effects of amiodarone on action potentials of isolated guinea-pig ventricular muscle exposed to simulated ischemic solution and metabolic inhibitors.

[Hypotensive activity of dinitrosyl complexes of iron and proteins in anesthetized animals].

Mortality among California highway workers.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in yellow perch (*Perca flavescens*).

Morphologic lesions and acute toxicity in rainbow trout (*Salmo gairdneri*) treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Rabbit serum hypertriglyceridemia after administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Hydroperoxide metabolism of amphibia: tissue catalases of leopard frogs.

Alkane production by isolated rat heart and lung.

Central respiratory inhibition by angiotensin II in anesthetized cats.

Intracoronary infusion of prostaglandin I₂ attenuates arterial baroreflex control of heart rate in conscious dogs.

Modulation of glycogen synthase kinase activity of skeletal and smooth muscle casein kinase I by spermine.

Energy dependence of enzyme release from hypoxic isolated perfused rat heart tissue.

Isolation and characterization of two beta-type cardiac myosin in the canine atrium.

Developmental regulation of embryonic genes in plants.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-induced lipid peroxidation in genetically responsive and non-responsive mice.

The beta-subunit of the bovine mitochondrial F₁ ATPase specifically binds the amino terminal domain of parathyroid hormone.

The sites on calmodulin cross-linked to myosin light chain kinase and troponin I with water-soluble carbodiimide.

Are lysosomal enzymes involved in rapid damage in vertebrate muscle cells? A study of the separate pathways leading to cellular damage.

Mapping of the nucleotide-binding sites in the ADP/ATP carrier of beef heart mitochondria by photolabeling with 2-azido[alpha-³²P]adenosine diphosphate.

Autoradiographic studies of the renal clearance of circulating type I collagen fragments in the rat.

Generation of valency hybrids and nitrosylated species of hemoglobin in mice by nitric oxide vasodilators.

Immunological characterization of thioltransferase from pig liver.

Partial characterization of specific cantharidin binding sites in mouse tissues.

Characterization of rat heart plasma membrane Ca²⁺/Mg²⁺ ATPase.

Amino acid sequence of porcine heart fumarase.

Biosynthesis, import and processing of precursor polypeptides of mammalian mitochondrial pyruvate dehydrogenase complex.

[The potential atherogenic risk of the pesticide acetochlor].

Amino acid sequence of bovine cardiac troponin I.

Distinction between major chloroquine-inhibitable and adrenergic-responsive pathways of protein degradation and their relation to tissue ATP content in the Langendorff isolated perfused rat heart.

Heat production of quiescent ventricular trabeculae isolated from guinea-pig heart.

Transport of digoxin into brain microvessels and choroid plexuses isolated from guinea pig.

Localization of high benzaldehyde dehydrogenase activity in rat upper gastrointestinal tract mucosa: a quantitative histochemical study.

Glucose starvation is required for insulin stimulation of glucose uptake and metabolism in cultured microvascular endothelial cells.

Comparison of Starch and ADP-Glucose Pyrophosphorylase Levels in Nonembryogenic Cells and Developing Embryos from Induced Carrot Cultures.

Effect of L-carnitine derivatives on heart mitochondrial damage induced by lipid peroxidation.

[Cardiac relaxation and distensibility in energy deficit].

Generation of twitch tension in frog atrial fibers by Na/Ca exchange.

Effect of sodium and calcium channel blockade on the increase in spontaneous transmitter release produced by the mitochondrial inhibitor, dinitrophenol.

Identification and primary structure of the cardiolipin-binding domain of mitochondrial creatine kinase.

Cardiac transplantation in a Jehovah's witness.

Immunohistochemical evidence for neural mediation of VIP activity in the dogfish rectal gland.

Endothelium-derived relaxing factor and atriopeptin II elevate cyclic GMP levels in pig aortic endothelial cells.

Allyl alcohol cytotoxicity and glutathione depletion in isolated periportal and perivenous rat hepatocytes.

A flowthrough fecundity test with *Nitocra spinipes* (Harpacticoida Crustacea) for aquatic toxicity.

[Effect of ethanol and the catalase inhibitor aminotriazole on the activity of antioxidative enzymes in the rat liver and heart].

Comparative study on the selenium- and N-acetylcysteine-related effects on the toxic action of hyperoxia, paraquat and the enzyme reaction hypoxanthine-xanthine oxidase in cultured endothelial cells.

Recovery after radiotherapy from severe interstitial pneumonia due to paraquat poisoning.

Primary cultures of rat aortic endothelial and smooth muscle cells: I. An in vitro model to study xenobiotic-induced vascular cytotoxicity.

[Role of peroxisomal enzymes and lipid peroxidation in the pathogenesis of alcoholic cardiomyopathy].

Repeated hemoperfusion and continuous arteriovenous hemofiltration in a paraquat poisoned patient.

[Clinico-experimental research on acute isoproterenol poisoning in sheep].

Elimination of paraquat.

Paraquat poisoning: clinical features and immediate general management.

[Experimental model of the peroxide toxicity of peroxisomes].

Treatment of adverse digitalis effects by hemoperfusion through columns with antidigoxin antibodies bound to agarose polyacrolein microsphere beads.

Elimination kinetics of ethanol and acetaldehyde in healthy men during the calcium carbimide-alcohol flush reaction.

In vivo metabolism of the cardiovascular toxin, allylamine.

3-amino-triazole effects on the eye of young and adult rabbits in the presence and absence of hydrogen peroxide.

Putrescine and 5-hydroxytryptamine accumulation in rat lung slices: cellular localization and responses to cell-specific lung injury.

Blood acetaldehyde and the ethanol-induced increase in splanchnic circulation.

Unusual patterns of somatic embryogenesis in the domesticated carrot: developmental effects of exogenous auxins and auxin transport inhibitors.

[Effect of ethanol and the catalase inhibitor aminotriazole on lipid peroxidation in the rat myocardium].

Ethanol metabolism by rat heart homogenates.

Effects of doxorubicin on mouse heart catalase.

Nucleic acid content and residue determination in tissues of chicks born from 2,4-dichlorophenoxyacetic butyl ester treated eggs.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on thermogenesis in brown adipose tissue of rats.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment on mechanical function of the rat heart.

Effect of excess iron in milk replacer on calf performance.

Mortality among flavour and fragrance chemical plant workers in the United States.

Collagen type III deficiency in patients with rupture of intracranial saccular aneurysms.

Uptake of propranolol by microvessels isolated from bovine brain.

Achondrogenesis type II, abnormalities of extracellular matrix.

Renal anaphylaxis. I. Antigen-initiated responses from isolated perfused rat kidney.

Inactivation of *Bacillus piliformis* spores by heat and certain chemical disinfectants.

Increased thromboplastic potential in diabetes: a multifactorial phenomenon.

Regional O₂ uptake during hypoxia and recovery in hypermetabolic dogs.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on guinea pig heart muscle.

Cellular action of arginine vasopressin in the isolated renal tubules of hypothyroid rats.

The relationship between uncoupling of oxidative phosphorylation and neuronal necrosis within the CNS in rats dosed with trihalogenated imidazoles.

Glycolytic activity and enhancement of serotonin uptake by endothelial cells exposed to hypoxia/anoxia.

[Relation between glutamate and adenine nucleotide levels of heart mitochondria during hypoxia].

Apparent effect of catalase on airway edema in guinea pigs. Role of endotoxin contamination.

Immunochemical characterization of fibrinogen, fibrin I, and fibrin II in human thrombi and atherosclerotic lesions.

Role of phospholipase in the genesis of doxorubicin-induced cardiomyopathy in rats.

Drug-induced cholestasis.

Clinical reports on plasma exchange in the Kidney Center, Tokai University School of Medicine.

Analysis of mechanisms responsible for the bradycardic action of naloxone after haemorrhage in the conscious rabbit.

[Intranasal administration of chlornidine gel in hypertension].

Fatal iron intoxication in late pregnancy.

[Chlorazone for improving the oxygenation of newborn infants with congenital diaphragmatic hernia (a preliminary study)].

Collagen species in human aorta: with special reference to basement membrane-associated collagens in the intima and media and their alteration with atherosclerosis.

Survival rates and properties of sickle cell anemia red cells treated with nitrogen mustard.

A canine model for the study of hapten-specific suppression of IgE-mediated bronchoconstriction and anaphylaxis.

No evidence for reactive oxygen damage in ischemia-reflow injury.

Effect of a sublethal dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin on interscapular brown adipose tissue of rats.

[Acute lung failure--a critical analysis].

One-step processing of the amphibian vasotocin precursor: structure of a frog (*Rana esculenta*) "big" neurophysin.

Suicidal sodium azide ingestion.

Enhancement of mitochondrial oxidative phosphorylation capability by hypoperfusion in isolated perfused rat heart.

Mitochondrial synthesis of coenzyme A is on the external surface.

Role of cyclic AMP- and cyclic GMP-phosphodiesterases in the control of cyclic nucleotide levels and smooth muscle tone in rat isolated aorta. A study with selective inhibitors.

Mapping of nucleotide-depleted mitochondrial F1-ATPase with 2-azido-[alpha-³²P]adenosine diphosphate. Evidence for two nucleotide binding sites in the beta subunit.

Cross-linking of rabbit skeletal muscle troponin with the photoactive reagent 4-maleimidobenzophenone: identification of residues in troponin I that are close to cysteine-98 of troponin C.

Inhibition of the activation of Hageman factor (factor XII) by peripheral blood cells.

Studies on the mechanism of acetaldehyde-mediated inhibition of rat liver transaminases.

Calcium channel blockers induce preferential coronary vasodilation by an alpha 1-mechanism.

A transport system for coenzyme A in isolated rat heart mitochondria.

A novel vasoactive intestinal peptide (VIP) from elasmobranch intestine has full affinity for mammalian pancreatic VIP receptors.

Synthesis and cardiotoxic activity of a series of substituted 4-alkyl-2(1H)-quinazolinones.

Phosphate transport by reconstructed monolayers from cultured mouse kidney cells.

Type X collagen synthesis during endochondral ossification in fracture repair.

Binding of vasoactive intestinal polypeptide to dispersed enterocytes results in rapid removal of the NH₂-terminal histidyl residue.

Oxidative metabolism in guinea pig ventricular myocytes protected from proteolytic enzyme activity.

Dephosphorylation of cardiac myofibril C-protein by protein phosphatase 1 and protein phosphatase 2A.

Phenylethanolamine N-methyltransferase-containing neurons in the rostral ventrolateral medulla of the rat. I. Normal ultrastructure.

[Stimulation by quinones of cyanide-resistant respiration in rat liver and heart mitochondria].

Interaction of chlorinated phenolics and quinones with the mitochondrial respiration: a comparison of the o- and p-chlorinated quinones and hydroquinones.

Selective manipulation of neurohumoral control of the cardiac pacemaker by drugs given intrapericardially.

Troponin-T and glyceraldehyde-3-phosphate dehydrogenase share a common antigenic determinant.

Derivation of CO₂ output from oscillations in arterial pH.

Circadian alterations in prolactin, corticosterone, and thyroid hormone levels and down-regulation of prolactin receptor activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Comparative effects of metabolic inhibition on the action potential from three experimental models of cardiac cells.

Regulation of amino acid influx and efflux at the basolateral plasma membrane of the salivary gland epithelium: effects of parasympathetic nerve stimulation.

The extent of amino-terminal heterogeneity in rabbit fast skeletal muscle troponin T.

Comparison of the precursor and mature forms of rat heart mitochondrial malate dehydrogenase.

The Ca²⁺-dependent actions of the alpha-adrenergic agonist phenylephrine on hepatic glycogenolysis differ from those of vasopressin and angiotensin.

Influence of some uremic toxins on oxygen consumption of rats in vivo and in vitro.

[Effect of oxidative metabolism inhibitors on ADH-dependent transport of water in the bladder of *Rana temporaria*].

Metabolism and distribution of [¹⁴C]glucose in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

The effect of a metabolic inhibitor upon the properties of the cerebral vasculature during a whole-head saline perfusion of the rat.

Structure of co-crystals of tropomyosin and troponin.

Demonstration of Ca²⁺-ATPase activity in the maturation ameloblast of rat incisor after vascular perfusion.

Ca-dependent ADPase--the possible regulator of calcium channel during the deficiency of ATP.

Mechanism of nitrofen teratogenesis.

Acute effect of paraquat on lung fluid balance and prostanoid production in awake sheep.

The embryoletality and teratogenicity of acrolein in cultured rat embryos.

Follow-up chest radiographs in Vietnam veterans: are they useful?

The Agent Orange controversy after the Evatt Royal Commission.

The effect of topically applied n-butylester of 2,4-dichlorophenoxyacetic acid on the immune response in mice.

The corrected collagen content in paraquat lungs.

Application of the post-implantation rat embryo culture system to in vitro teratogenicity testing.

The impact of inhaled acrolein on hypertension-sensitive and resistant rats.

[Calcium carbimide together with light wine as the cause of heart infarction].

Mortality and lung histopathology after inhalation lung injury. The effect of corticosteroids.

Acrolein and embryogenesis: an experimental study.

Pseudomembranous colitis in a patient of paraquat intoxication.

[Interactions between herbicides and various of the most frequently used drug groups. I. Interactions between chronically administered herbicides: carbendazyme, 2,4-dichlorophenoxyacetic acid and 2,4,5-trichlorophenoxyacetic acid and drugs affecting the circulatory system].

Kidney morphology and function in the young of rats malnourished and exposed to nitrofen during pregnancy.

Elimination of paraquat.

Effects on the fetus of maternal nitrofen exposure in the protein-deprived rat.

[Characteristics of an experimental model of alcoholic cardiomyopathy by diagnostic enzyme tests].

Bacterial infection and acute lung injury in hamsters.

Ultrastructural and histochemical observations in human and experimental alcoholic cardiomyopathy.

The influence of skeletal muscle reinnervation on experimentally induced myotonia.

Histamine action in paraquat-induced lung injury.

Antioxidant defense mechanisms of endothelial cells: glutathione redox cycle versus catalase.

Differential inhibition of rat tissue catalase by cyanamide.

Kinetics of sulfation in the rat in vivo and in the perfused rat liver.

Role of catalase in metabolism of hydrogen peroxide by the perfused rat heart.

Studies on the succinate dehydrogenating system. Interaction of the mitochondrial succinate-ubiquinone reductase with pyridoxal phosphate.

[Pentachlorophenol inhibition of succinate oxidation by the respiratory chain in submitochondrial particles from the bovine heart].

Combined light and electron microscope immunocytochemical localization of scattered peptidergic neurons in the central nervous system.

O₂ metabolites and neutrophil elastase synergistically cause edematous injury in isolated rat lungs.

[Production, absorption and excretion of phenols in intestinal obstruction].

Methyl isocyanate subchronic vapor inhalation studies with Fischer 344 rats.

Strain differences in response of Sprague-Dawley and Long Evans Hooded rats to the teratogen nitrofen.

Effects of prenatal nitrofen exposure on cardiac structure and function in the rat.

Characterization of a transthyretin (prealbumin) variant associated with familial amyloidotic polyneuropathy type II (Indiana/Swiss).

Effects of oxygen and glucose deprivation on vasoactivity in isolated bovine middle cerebral arteries.

Chronic hypoxaemia and decompensated erythrocytosis in cyanotic congenital heart disease.

The heart rate slowing effect of pindolol in patients with digitalis resistant atrial fibrillation and heart failure.

Collagen types in various layers of the human aorta and their changes with the atherosclerotic process.

[Compensatory factors in acute failure of the isolated heart].

Mediation of IgA induced lung injury in the rat. Role of macrophages and reactive oxygen products.

Effect of ischemia-related metabolic factors on thallium exchange in cultured rat myocardial cells.

Intermediary metabolism of the mature rat following 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment.

[Guanylate cyclase activity of the rabbit myocardium in normal conditions and in allergic states].

1-Methyl-4-phenylpyridine (MPP⁺) induces oxidative stress in the rodent.

Energy dependent insulin binding, internalization and degradation in isolated cardiac myocytes from normal and diabetic rats.

[Alkyldinitrophenol poisoning].

Subacute inhalation experiment for methyl bromide in rats.

A case of fatal sodium azide ingestion.

Analysis of the intermediate and basement membrane collagens in fibrous atherosclerotic lesions of human aorta.

Interstitial collagens in fibrous atherosclerotic lesions of human aorta.

Cell number and size in selected organs of fetuses of rats malnourished and exposed to nitrofen.

Conserved structural domains among species and tissues-specific differences in the mitochondrial phosphate-transport protein and the ADP/ATP carrier.

Nifedipine attenuates both alpha-1 and alpha-2 adrenoceptor-mediated pressor and vasoconstrictor responses in conscious dogs and primates.

The mechanisms by which haemoglobin inhibits the relaxation of rabbit aorta induced by nitrovasodilators, nitric oxide, or bovine retractor penis inhibitory factor.

Semisynthesis of the native sequence of horse heart cytochrome c-(66-104)-nonatriacontapeptide.

Establishment of a parathyroid hormone-responsive phosphate transport system in vitro using cultured renal cells.

[The effect of induced hyperthermia on kidney function in dogs].

Characteristics of the large neutral amino acid transport system of bovine brain microvessel endothelial cell monolayers.

Two overlapping genes in bovine mitochondrial DNA encode membrane components of ATP synthase.

The complete amino acid sequence of human brain-derived acidic fibroblast growth factor.

Identification of amino acid residues photolabeled with 2-azido[alpha-³²P]adenosine diphosphate in the beta subunit of beef heart mitochondrial F1-ATPase.

Amino acid sequence of rabbit ventricular myosin light chain-2: identity with the slow skeletal muscle isoform.

VIP terminals, axons, and neurons: distribution throughout the length of monkey and cat spinal cord.

Effect of aminophylline on hindlimb blood flow autoregulation during increased metabolism in dogs.

The glutathione redox cycle as a defense system against hydrogen-peroxide-induced prostanoid formation and vasoconstriction in rabbit lungs.

Adenosine production and release by adult rat cardiocytes.

Separation of cardiac plasmalemma into cell surface and T-tubular components. Distribution of saxitoxin- and nitrendipine-binding sites.

2,3,7,8-Tetrachlorodibenzo-p-dioxin metabolism and disposition in yellow perch.

Metabolism and disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rainbow trout.

Polycations reduce vasopressin-induced water flow by endocytic removal of water channels.

The modification of platelet-induced coronary vasoconstriction by a thromboxane receptor antagonist.

Prostaglandin release by the chick embryo heart is increased by 2,3,7,8-tetrachlorodibenzo-p-dioxin and by other cytochrome P-448 inducers.

[mono[¹²⁵I]iodo-Tyr¹⁰,Met¹⁷]-vasoactive intestinal polypeptide. Preparation, characterization, and use for radioimmunoassay and receptor binding.

Effects of 2,4-dinitrophenol on renal ammoniogenesis in the rat.

Redox modification of sodium-calcium exchange activity in cardiac sarcolemmal vesicles.

Occupational exposure to chlorophenates. Renal, hepatic and other health effects.

The in situ perfused spinal cord of the rat. Applicability of drugs and chemicals, sodium-lithium exchange, and calcium reduction to functional intact central nervous system tissue.

Functional hepatocellular heterogeneity determined by the hepatotoxins allyl alcohol and bromobenzene in immature and adult Fischer 344 rats.

Characterisation of phosphate binding to mitochondrial and bacterial membrane-bound ATP synthase by studies of inhibition with 4-chloro-7-nitrobenzofurazan.

Influence of pulmonary blood flow and O₂ flux on DO₂ in avian lungs.

Chlorinated paraffins: formation of sulphur-containing metabolites of polychlorohexadecane in rats.

Ca²⁺ compartments in saponin-skinned cultured vascular smooth muscle cells.

A modified method of fine-granular cationic iron colloid preparation: its use in light and electron microscopic detection of anionic sites in the rat kidney glomerulus and certain other tissues.

Fixation, fine structure, and immunostaining for neuropeptides: perfusion versus immersion of the neuroendocrine hypothalamus.

Uncoupling effects of 2,4-dinitrophenol on electron transfer reactions and cell bioenergetics in rat brain in situ.

Comparative calcium binding and conformational studies of turkey and rabbit skeletal troponin C.

Quantitative gap junction alterations in mammalian heart cells quickly frozen or chemically fixed after electrical uncoupling.

Relationship between ²⁰¹Tl uptake and oxidative metabolism in cultured myocardial cells.

Enzyme release from the perfused rat heart. The functions of the cytoskeleton under cell-pathological conditions.

Ultrastructural localization of phenylethanolamine N-methyltransferase in sensory and motor nuclei of the vagus nerve.

The preparation of ¹¹C-labelled fluoromethane for the study of regional cerebral blood flow using positron emission tomography.

Cause and prevention of mafosfamide-induced venous pain.

Studies on cytochrome-c oxidase, XIII. Amino-acid sequence of the small membrane polypeptide VIIIc from bovine heart respiratory complex IV.

Modulation of mitochondrial ATPase sensitivity to inhibitors and stimulators by diet-induced changes in membrane lipid.

Respiratory adjustments of the unanaesthetized chicken, *Gallus domesticus*, to elevated metabolism elicited by 2,4-dinitrophenol or cold exposure.

Cardio-respiratory effects of paraquat with and without emetics on Wistar rats.

Effects of environmental toxicants on development of a teleost embryo.

Congenital glaucoma and retinal dysplasia.

Intravascular haemolysis induced by pentachlorophenol.

Pentachlorophenol intoxication: report of a fatal case, with comments on the clinical course and pathologic anatomy.

Sequential bilateral lung transplantation for paraquat poisoning. A case report. The Toronto Lung Transplant group.

[The development of pulmonary hypertension in lung fibrosis: a morphometric analysis of pulmonary arteries in 21 cases of paraquat intoxication].

Effects of various organic chemicals on the regreening of red colored *Chlorella zofingiensis*.

Steroid pretreatment does not prevent paraquat pneumonitis in rabbits.

Hemoperfusion-hemodialysis ineffective for paraquat removal in life-threatening poisoning?

A critical review of the literature on acrolein toxicity.

Health hazards of natural and introduced chemical components of boatbuilding woods.

Failure of desferrioxamine to modify the toxicity of paraquat in rats.

In vivo redox changes in some organs in response to Gramoxone.

Long refractory period after one application of nonimmunologic contact urticaria agents to the guinea pig ear.

Organization of the cytoskeleton in resting, discoid platelets: preservation of actin filaments by a modified fixation that prevents osmium damage.

Circulatory responses to 2,4-dinitrophenol in dog limb during normoxia and hypoxia.

Contracture and the calcium paradox.

Experimentally induced defects of mitochondrial metabolism in rat skeletal muscle. Biological effects of the mitochondrial uncoupling agent 2,4-dinitrophenol.

Chloracne, "the hallmark of dioxin intoxication".

Gas chromatographic profiling of phenolic acids in urine of patients with cirrhosis of the liver.

Functional compartmentation of glycolytic versus oxidative metabolism in isolated rabbit heart.

Lack of adverse side effects of oral ferrous sulfate therapy in 1-year-old infants.

Sequence of the N-terminal formic acid fragment and location of the N-ethylmaleimide-binding site of the phosphate transport protein from beef heart mitochondria.

Somatic embryogenesis and plantlet regeneration in the soybean *Glycine max*.

Semisynthesis of horse heart cytochrome c analogues from two or three fragments.

Amino acid sequence of the calcium-dependent photoprotein aequorin.

Binding, internalization, and degradation of atrial natriuretic peptide in cultured vascular smooth muscle cells of rat.

The primary structure of mitochondrial aspartate aminotransferase from human heart.

Autoregulation of hind-limb blood flow in conscious dogs.

Mechanism of tachycardia caused by intracarotid PGE₂ in conscious ewes.

Sympathetic neurons extend neurites in a culture medium containing cyanide and dinitrophenol but not iodoacetate.

NTP Toxicology and Carcinogenesis Studies of 1,2-Dichlorobenzene (o-Dichlorobenzene) (CAS No. 95-50-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Influence of extracellular phosphate concentrations on the regulation of hepatic glucose output.

Uptake of glucose analogues into cultured cerebral microvessel endothelium.

¹¹C-labeled 4-isopropylantipyrine: preparation and biological evaluation as a blood flow tracer in positron emission tomography (PET).

Effects of guanethidine on electron transport and proton movements in rat heart, brain and liver mitochondria.

Microsomal calcium-accumulating ability of bovine coronary artery and aorta.

Properties and biochemical characterization of NADH 5 alpha-reductase from rat liver microsomes.

Cytochrome P-450 monooxygenase system. Localization in smooth muscle of rabbit aorta.

Amino acid sequence of chicken gizzard beta-tropomyosin. Comparison of the chicken gizzard, rabbit skeletal, and equine platelet tropomyosins.

General method for the separation of cyanogen bromide digests of proteins by high-performance liquid chromatography. Rabbit skeletal troponin I.

Calcium mobilization in enzymically isolated single intact and skinned muscle cells of the porcine coronary artery.

Different effects of various beta-adrenoceptor antagonists on adenylate cyclase, guanylate cyclase and calmodulin-dependent phosphodiesterase in heart.

Maintenance of the integrity of the blood-brain barrier in the rat during an in situ saline-based perfusion.

Cyanide and sulfide interact with nitrogenous compounds to influence the relaxation of various smooth muscles.

Characterization of long-lasting histaminergic inhibition in a beating pacemaker neuron of Onchidium.

Polychlorinated aromatic hydrocarbon lethality, mixed-function oxidase induction, and uroporphyrinogen decarboxylase inhibition in the chick embryo: dissociation of dose-response relationships.

Formation of an intramolecular disulfide bond in the mitochondrial adenine nucleotide translocase.

The interaction of rabbit skeletal muscle troponin-T fragments with troponin-I.

Roles of Ca^{2+} and Na^{+} on the modulation of antidiuretic hormone action on urea permeability in toad urinary bladder.

Vasodilator properties of a family of bioactive atrial peptides in isolated perfused rat kidneys.

Studies on cytochrome c oxidase, XI. The amino-acid sequence of bovine heart polypeptide VIc.

[Primary structure of the OSCP protein that confers sensitivity to oligomycin on the mitochondrial H^{+} -ATPase complex. I. Tryptic and cyanogen bromide peptides].

Atriopeptin-immunoreactive neurons in the brain: presence in cardiovascular regulatory areas.

Effects of oxygen radicals on cerebral arterioles.

Mitochondrial and extramitochondrial Ca^{2+} pools in the perfused rat liver. Mitochondria are not the origin of calcium mobilized by vasopressin.

Pharmacological study on the effects of some ocular hypotensive drugs on aqueous humor formation in the arterially perfused enucleated rabbit eye.

Metabolic fate and cardiovascular effects of arsenic in rats and rabbits chronically exposed to trivalent and pentavalent arsenic.

Mechanism of crosslinking of proteins by glutaraldehyde III. Reaction with collagen in tissues.

Calcium accumulating ability of mitochondria from bovine coronary artery. Comparison with aortic mitochondria.

Regulation by calcium of hormone-insensitive adenylate cyclase and calmodulin-dependent guanylate cyclase in *Tetrahymena* plasma membrane.

Marijuana. Health and treatment issues.

Human health effects of 2,4,5-T and its toxic contaminants.

Selected responses of hypertension-sensitive and resistant rats to inhaled acrolein.

Acute toxic effects of paraquat on ultrastructure of rat liver.

Resolution after radiotherapy of severe pulmonary damage due to paraquat poisoning.

Pathogenesis of paraquat-induced pulmonary hemorrhage in hamsters with special reference to arterial constriction.

Health status of workers with past exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in the manufacture of 2,4,5-trichlorophenoxyacetic acid: comparison of findings with and without chloracne.

Release of amino-terminal procollagen peptides in paraquat-induced acute pulmonary fibrosis.

Penetration of some compounds through blood-brain and blood-testis barriers in chronically hypertensive rats.

A redox cycling mechanism of action for 2,3-dichloro-1,4-naphthoquinone with mitochondrial membranes and the role of sulfhydryl groups.

Hyperoxia and paraquat alter the kinetics of platelet serotonin uptake.

A reinvestigation of the usefulness of breath analysis in the determination of blood acetaldehyde concentrations.

Organ and cellular distribution of inhaled metallic mercury in the rat and Marmoset monkey (*Callithrix jacchus*): influence of ethyl alcohol pretreatment.

On the role of catalase in the oxidation of tissue fatty acids.

Specific removal of digoxin by hemoperfusion through agarose polyacrolein microsphere polyacrolein microsphere beads-antidigoxin antibodies (APAMB-AD).

Effects of a herbicide on the peroxide metabolism enzymes and lipid peroxidation in carp fish (*Hypophthalmichthys molitrix*).

Role of acidosis in early contractile dysfunction during ischemia: evidence from pH_o measurements.

Immunosuppression in weanling and adult Sprague-Dawley rats induced by acute exposure to 3,3',4,4'-tetrachloroazoxybenzene.

The effectiveness of chemical carcinogens to induce atherosclerosis in the white Carneau pigeon.

Distribution of different collagen types and fibronectin in neurofibromatosis tumours.

Frequency of apolipoprotein A-I mutants in the German population.

Characterization of the enhanced paw edema response to carrageenan and dextran in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

The pharmacological profile of the thromboxane A₂ antagonist BM 13.177. A new anti-platelet and anti-thrombotic drug.

Increased plasma and aortic triglycerides in rabbits after acute administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Parallel temperature dependence of contracture-associated enzyme release due to anoxia, 2,4-dinitrophenol (DNP), or caffeine and the calcium paradox.

Autoradiographic and biochemical studies of drug distribution in the liver. I. [¹⁴C]Dehydrocorydaline.

[Effect of hypoxia and hypoperfusion on the contractile function of the isolated heart working under various loads].

Evidence for a role of hydroxyl radical in immune-complex-induced vasculitis.

Acute Heinz-body anemia due to severe cresol poisoning: successful treatment with erythrocytapheresis.

Collagen composition of normal and myxomatous human mitral heart valves.

Erythrocyte membrane alterations as the basis of chlorate toxicity.

Interactions of thrombospondin with extracellular matrix proteins: selective binding to type V collagen.

Acute iron poisoning in children.

Experimental study on embryogenesis of congenital diaphragmatic hernia.

Prostanoids and cell injury.

Improved red cell survival in patients with chronic subclinical haemolysis due to artificial heart valve. Observations after in vitro treatment of the cells with potassium cyanate.

Mechanism of environmental agents by class associated with adverse female reproductive outcome.

Peripheral and central actions of sodium azide on circulatory and respiratory homeostasis in anesthetized cats.

Localization of the N-ethylmaleimide reactive cysteine in the beef heart mitochondrial ADP/ATP carrier protein.

Crosslinking of troponin complex with 1,3-difluoro-4,6-dinitrobenzene. Identification of the crosslink formed between troponin C and troponin I in the absence of Ca^{2+} .

The amino acid sequence of GTP:AMP phosphotransferase from beef-heart mitochondria. Extensive homology with cytosolic adenylate kinase.

[Changes in mitochondrial lipid composition in hypoxia in the presence of a dinitrophenol uncoupler].

Uptake and metabolism of thyroid hormones by the rat foetus in early pregnancy.

Heterogeneity of contractile proteins. Purification and characterization of two species of troponin T from rabbit fast skeletal muscle.

Sequence of the 20-kilodalton heavy chain peptide from the carboxyl-terminus of bovine cardiac myosin subfragment-1.

Processing of procollagen types III and I in cultured bovine smooth muscle cells.

Identification of the essential tyrosine residue in the beta subunit of bovine heart mitochondrial F1-ATPase that is modified by 7-chloro-4-nitro[^{14}C]benzofurazan.

Toxicity evaluation of sub-chronic exposures to cyanogen in monkeys and rats.

Effects of increasing metabolism by 2,4-dinitrophenol on respiration and pulmonary gas exchange in the duck.

Mitochondrial adenylate kinase (AK2) from bovine heart. Homology with the cytosolic isoenzyme in the catalytic region.

2,4-Dinitrophenol (DNP)-induced injury in calcium-free hearts.

Relationships between the flux of lipid metabolism in vivo and the uncoupling of respiratory control.

Steady-state discharge and bursting of arterial chemoreceptors in the duck.

Hormonal effects on the phosphorylation of glycogen synthase in rat hepatocytes.

Determination of thiamine and thiamine phosphates in excitable tissues as thiochrome derivatives by reversed-phase high-performance liquid chromatography on octadecyl silica.

Magnetometry of ingested particles in pulmonary macrophages.

Role of metabolic CO₂ production in the generation of elevated renal cortical PCO₂.

Effect of ammonia on amino acid uptake by brain microvessels.

The structure of the hemocyanin from the horseshoe crab, *Limulus polyphemus*. The amino acid sequence of the largest cyanogen bromide fragment.

Teratogenicity of nitrofen (2,4-dichloro-4'-nitrodiphenyl ether) and its effects on thyroid function in the rat.

Gastrointestinal absorption and metabolism of capsaicin and dihydrocapsaicin in rats.

Depression of contractility in isolated rabbit myocardium following exposure to iron: role of free radicals.

Correlation between the redox state of NAD(P)H and total flow in the perfused rat liver.

Mitochondrial oxidative phosphorylation: tissue oxygen sensor for regulation of coronary flow.

A goniometrical study of mitochondrial cristae in rat heart muscle and ependyma of the choroid plexus after application 2,4-DNP in vivo.

Rates of allyl alcohol metabolism in periportal and pericentral regions of the liver lobule.

Prolonged red cell survival following in vitro treatment with potassium cyanate. A study in patients undergoing open-heart surgery.

Electrophysiology of the single cardiac cell: a voltage clamp study of the mechanism of the shortening of the action potential by metabolic inhibition in guinea-pig ventricular myocytes.

Some properties of isolated mitochondrial ATPase from salmon heart.

Nitrofen: a review and perspective.

Inhibition of collagen synthesis as a treatment for paraquat poisoning.

Hypolipidemia and peroxisome proliferation induced by phenoxyacetic acid herbicides in rats.

[Pathology in firemen].

Potentiation of ethanol toxicity by cyanamide in relation to acetaldehyde accumulation.

Maternal exposure to environmental chemicals and the aetiology of teratogenesis.

Selective action of prostaglandin F₂ alpha during paraquat-induced pulmonary edema in the perfused lung.

Pentachlorophenol poisoning.

Vasodilation and rehydration in paraquat poisoning.

The effects of acetaldehyde and acrolein on blood pressure in guanethidine-pretreated hypertensive rats.

Diquat intoxication.

[Deliberate poisoning with paraquat, death in less than 24 hours].

Paraquat-induced enhancement of vascular permeability.

Paraquat myocarditis and adrenal cortical necrosis.

[Histological picture of the internal organs of rats poisoned with 2,4-dichlorophenoxyacetic acid].

Correlation between brain tissue and cerebrospinal fluid concentrations of selected compounds in rats with intact and injured blood-brain barrier.

Cardiovascular effects of acetaldehyde accumulation after ethanol ingestion: their modification by beta-adrenergic blockade and alcohol dehydrogenase inhibition.

Vascular changes in early TSH-induced thyroid tumours in the rat.

A placebo-controlled double-blind comparative clinical study of the disulfiram- and calcium carbimide-acetaldehyde mediated ethanol reactions in social drinkers.

Iron overload of spleen, liver and kidney as a consequence of hemolytic anaemia.

Detection of renal dysfunction in neonatal rats: methodologies and applications.

Plasma glutathione and glutathione disulfide in the rat: regulation and response to oxidative stress.

The major role of glutathione in the metabolism and excretion of N,N-dimethyl-4-aminoazobenzene in the rat.

The relationship between paraquat accumulation and covalent binding in rat lung slices.

Effects of intravenous acetaldehyde, acrolein, formaldehyde and propionaldehyde on arterial blood pressure following acute guanethidine treatment.

Whole body and liver distribution of inhaled mercury vapor in the mouse: influence of ethanol and aminotriazole pretreatment.

Lipid peroxidation by bovine heart submitochondrial particles stimulated by 1,1'-dimethyl-4,4'-bipyridylium dichloride (paraquat).

Paraquat concentration and renal function in mice fed purified and cereal-based diets.

Glutathione peroxidase blockage inhibits prostaglandin biosynthesis in rat platelets and aorta.

Acrolein: a fixative for immunocytochemical localization of peptides in the central nervous system.

Mechanism of enzyme release in the calcium paradox.

Biochemical modulation of angiogenesis in the chorioallantoic membrane of the chick embryo.

[Brain death in secondary brain lesion].

Enhancement of carrageenan and dextran-induced edemas by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds.

Influence of anoxia and dinitrophenol on the phosphorylase a activity and the cyclic nucleotide content of smooth muscle.

Quantitation of type I to type III collagen ratios in small samples of human tendon, blood vessels, and atherosclerotic plaque.

[Protective effect of extracellular K⁺ in the myocardium in disorders of energy metabolism].

Ethoxyformylation and guanidination of snake venom phospholipases A₂: effects on enzymatic activity, lethality and some pharmacological properties.

Effect of vagal cooling on lung functional residual capacity in rats with pneumonia.

Localization of intrarenal cross-linked fibrin in children with various renal diseases.

Impairment of blastogenic response of splenic lymphocytes from iron-deficient mice: in vivo repletion.

Oxygen radicals and vascular damage.

[Heart function and the mechanisms of its regulation in modelling adaptation to hypoxia by 2,4-dinitrophenol administration].

Morphometric, biochemical, and physiological assessment of perinatally induced renal dysfunction.

Mechanical effects of right atrial pressure on heart rate in the conscious rabbit.

Periportal localization of lorazepam glucuronidation in the isolated perfused rat liver.

Hydrogen peroxide and hydroxyl radical mediation of activated leukocyte depression of cardiac sarcoplasmic reticulum. Participation of the cyclooxygenase pathway.

Identification of the initially NBD-labeled essential tyrosine residue in bovine heart MF1-ATPase.

Inhalation of products of combustion.

Elimination of artifactual acetaldehyde in the measurement of human blood acetaldehyde by the use of polyethylene glycol and sodium azide: normal blood acetaldehyde levels in the dog and human after ethanol.

Arrangement of subunit IV in beef heart cytochrome c oxidase probed by chemical labeling and protease digestion experiments.

The restorative action of coenzyme Q10 in 2,4-dinitrophenol-depressed electrical and contractile activities of guinea-pig heart.

Artifacts in the definition of toxicity by cyanides and cyanogens.

Platelet aggregation induced in the hamster cheek pouch by a photochemical process with excited fluorescein isothiocyanate-dextran.

Inhibitory effects of anthracenedione antineoplastic agents on hepatic and cardiac lipid peroxidation.

The covalent structure of mitochondrial aspartate aminotransferase from chicken. Identification of segments of the polypeptide chain invariant specifically in the mitochondrial isoenzyme.

Metabolic inhibition and the cardiac ventricular action potential: voltage clamp analysis using single cells.

Mechanism by which metabolic inhibitors depolarize cultured cardiac cells.

The effects of partial uncoupling upon the kinetics of ATP synthesis by vesicles from *Paracoccus denitrificans* and by bovine heart submitochondrial particles. Implications for the mechanism of the proton-translocating ATP synthase.

Lack of correlation between cyclic GMP elevation and relaxation of nonvascular smooth muscle by nitroglycerin, nitroprusside, hydroxylamine and sodium azide.

Subunit interaction in the mitochondrial H⁺-translocating ATPase. Association of the 26,500-dalton atpase binding protein and oligomycin sensitivity conferral protein with F₁-ATPase.

ATPase of bovine heart mitochondria. Modulation of ATPase activity by ATP, ADP, acetyl ATP and acetyl AMP.

Effects of phencyclidine on cardiac action potential: pH dependence and structure-activity relationships.

Negative inotropic effects of Na-salicylate and three congeners on the guinea-pig Langendorff heart.

Localization of a trifluoperazine binding site on troponin C.

Metabolism of palmitate by anoxic and reoxygenated heart cell cultures.

Regulation of coronary blood flow: effects of 2,4-dinitrophenol and theophylline.

Cow's urine concoction: its chemical composition, pharmacological actions and mode of lethality.

Specific mixed disulfide formation with purified bovine cardiac glycogen synthase I and glutathione.

Hexose transport in microvascular endothelial cells cultured from bovine retina.

Monoclonal antibodies as structural probes of surface residues in the regulatory subunit of cAMP-dependent protein kinase II from porcine heart.

Photolabeling approach to the study of the topography of the atractyloside binding site in mitochondrial adenosine 5'-diphosphate/adenosine 5'-triphosphate carrier protein.

Effect of several uncouplers of cell-to-cell communication on gap junction morphology in mammalian heart.

A kinetic study of the oxidation by molecular oxygen of the cytochrome chain of intact yeast cells, *Acetobacter suboxydans* cells, and of particulate suspensions of heart muscle.

Enzymatic toxicogenation of "activated" cyclophosphamide by 3'-5' exonucleases.

[Enzyme activity of the blood and tissues of individual organs in long-term exposure to dianate].

Herbicides and coronary ectasia.

Accumulation of radionuclide-labeled platelets and fibrinogen in paraquat-damaged rat lungs.

[Massive poisoning by paraquat with early death (19 hours). Apropos of a case with ultrastructure study].

Young Scientists Award lecture 1981: The identification of an accumulation system for diamines and polyamines into the lung and its relevance to paraquat toxicity.

Ultrastructural evidence of pulmonary capillary endothelial damage from paraquat.

[Effect of the most frequently used pesticides on various biological parameters in *Daphnia magna* Straus (Crustacea)].

Urinary enzymes, nephrotoxicity and renal disease.

Dose-effect relationship between ethyl alcohol pretreatment and retention and tissue distribution of mercury vapor in rats.

Biotransformation of the cardiovascular toxin, allylamine, by rat and human cardiovascular tissue.

The accumulation of diamines and polyamines into rat lung slices.

Possible cardiovascular hazards of the alcohol-calcium carbimide interaction.

Allylamine cardiotoxicity--IV. Metabolism to acrolein by cardiovascular tissues.

Altered removal of vasoactive substances in the injured lung: detection of lung microvascular injury.

[Middle cerebral artery occlusion with Moyamoya phenomenon.--2nd report: report of an autopsy case].

[Myoclonus of toxic origin].

[Structural differences of C-terminal fragment of the alpha-subunits of rabbit muscle aldolase in normal animals and in experimental atherosclerosis].

Sodium azide poisoning in five laboratory technicians.

Differential effects of 2,4-dinitrophenol and valinomycin (+ K⁺) on uncoupler-stimulated ATPase of human tumor mitochondria.

Synthesis of some potential antihypertensive phthalaziny- and quinoxalinyguanidines.

Structural and enzymatic comparison of human cardiac muscle myosins isolated from infants, adults, and patients with hypertrophic cardiomyopathy.

Collagen polymorphism in the normal and diseased blood vessel wall. Investigation of collagens types I, III and V.

Mechanism of tissue Ca^{2+} gain during reoxygenation after hypoxia in rabbit myocardium.

Effect of cell shape on extravascular hemolysis.

[Coronary perfusion rate as a factor determining the degree of heart contractile function decrease in an energy formation disorder].

Experimental and clinical results in shock lung treatment with vitamin E.

A study of oxidative phosphorylative activity and calcium-induced respiration of rat liver mitochondria following living *Escherichia coli* injection.

Localization of cysteine¹¹⁵ in subunit III of beef heart cytochrome C oxidase to the C side of the mitochondrial inner membrane.

Free magnesium in sheep, ferret and frog striated muscle at rest measured with ion-selective micro-electrodes.

Amino acid transport and protein synthesis in energetically-stable calcium-tolerant isolated cardiac myocytes.

Photochemical cross-linking between rabbit skeletal troponin subunits. Troponin I-troponin T interactions.

Comparative evaluation of contraction and relaxation of isolated heart muscle with decreased calcium concentration in the perfusate, acidosis, and metabolic blockade.

Effects of the cardiotonic drug ARL-115 on the release of noradrenaline from the cat atrium, the binding of 3H-ouabain to plasma membranes and the movements of calcium in mitochondria.

Structural studies of bovine heart cytochrome c₁.

Immunohistochemical localization of thyrotropin-releasing hormone in the rat hypothalamus and pituitary.

Complete amino acid sequence of porcine heart citrate synthase.

Role of individual phosphorylation sites in inactivation of pyruvate dehydrogenase complex in rat heart mitochondria.

Proton-magnetic-resonance studies on the interaction of rabbit skeletal-muscle troponin I with troponin C and actin.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin and phenobarbital on the occurrence and distribution of four cytochrome P-450 isozymes in rabbit kidney, lung, and liver.

Purification of cardiac sarcolemmal vesicles: high sodium pump content and ATP-dependent, calmodulin-activated calcium uptake.

Primary structure of the regulatory subunit of type II cAMP-dependent protein kinase from bovine cardiac muscle.

Isolation and amino acid sequence of a monomeric hemoglobin in heart muscle of the bullfrog, *Rana catesbeiana*.

Proximity of sulfhydryl groups to the sites of interaction between components of the troponin complex from rabbit skeletal muscle.

Complete amino acid sequence of the ADP/ATP carrier from beef heart mitochondria.

Relation between intestinal blood flow and oxygen uptake.

Regulation of cardiac glycogen synthase by phosphorylation: catalysis of inactivation by cAMP-dependent and cAMP-independent protein kinases and comparison with the phosphorylation of the skeletal muscle enzyme.

Increased specificity in human cardiac-myosin radioimmunoassay utilizing two monoclonal antibodies in a double sandwich assay.

Kinetic mechanism of mitochondrial adenosine triphosphatase. Inhibition by azide and activation by sulphite.

Embryotoxicity of 3,3',4,4'-tetrachloroazobenzene and 3,3',4,4'-tetrachloroazoxybenzene in the chick embryo.

The disulfiram (Antabuse)-Alcohol reaction in male alcoholics: its efficient management by 4-methylpyrazole.

The effects of paraquat and superoxide dismutase on pulmonary vascular permeability and edema in mice.

Carcinogenicity of picloram.

Cardiovascular changes during the calcium carbimide-ethanol interaction.

Repeated exposure to alpha-ethylacrolein vapour: subacute toxicity study in rats.

[Effect of the pesticide fundazol on induced sclerotic processes].

[Field study of workers with longterm exposure to calcium cyanamide (author's transl)].

The heart and diaphragm: target organs in the neonatal death induced by nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether).

A comparative review of the pharmacological and toxicological properties of disulfiram and calcium carbimide.

[Cardiogenic gas mixing in dogs with interstitial lung lesion induced by paraquat (author's transl)].

Reye's syndrome simulacra in liver of mice after treatment with chemical agents and encephalomyocarditis virus.

Chronic effects of ethanol under partial inhibition of catalase activity in the rat heart: light and electron microscopic observations.

The calcium carbimide-ethanol interaction: lack of relation between electroencephalographic response and cerebrospinal fluid acetaldehyde.

2,4,5-T effects on cardiac and serum lactic dehydrogenase (LDH) and creatine kinase (CK) isozymes. II. Neonatal enzyme activities and isozyme profiles.

2,4,5-T effects on cardiac and serum lactic dehydrogenase (LDH) and creatine kinase (CK) isozymes. I. Maternal enzyme activities and isozyme profiles.

Interaction between ubiquinone and ATPase in mitochondrial membranes.

Arterial effects of palmitic, linoleic and acetoacetic acid.

Platelet interactions with *Candida albicans*.

Cardiovascular teratogenicity of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in the chick embryo.

Severe chlorate poisoning: report of a case.

Biological evaluation of hemoperfusion in acute poisoning.

Detection of experimentally produced acute pulmonary arterial occlusion by methyl iodide-131 inhalation imaging.

Basal processes on duodenal epithelial cells of man, mouse and rat.

Anemia of pregnancy: evaluation of the effectiveness of routine dietary supplementation program in an Israeli community.

Effects of hypoxia and metabolic inhibitors on the electrical and mechanical activities of isolated guinea pig papillary muscles.

Iron deficiency in one-year-old infants: comparison of results of a therapeutic trial in infants with anemia or low-normal hemoglobin values.

Evidence for new forms of cardiac myosin heavy chains in mechanical heart overloading and in ageing.

Comparison of the metabolic and antihypertensive properties of tienilic acid and hydrochlorothiazide.

Inhibitors of oxidative ATP production cause transient vasoconstriction and block subsequent pressor responses in rat lungs.

[Chronoinotropic cardiac autoregulation following hypoperfusion and metabolic blockade].

Hexose transport in normal and SV40-transformed human endothelial cells in culture.

Sensitivity of flavoprotein fluorescence to oxidative state in single isolated heart cells.

[Effect of thyrocalcitonin on the contraction and relaxation of the isolated myocardium in metabolic blockade and acidosis].

New aspects of the origin of hepatocellular vacuoles. An ultrastructural study on rat and mice liver after different intoxications.

[Method for increasing the intensity of free radical oxidation of lipid-containing components of the blood and its diagnostic significance].

On the oxygen consumption of intact vessel wall segments and intima-media preparations of the rabbit carotid artery.

Myxothiazol, a new inhibitor of the cytochrome b-c1 segment of the respiratory chain.

Comparative studies on the inhibitory region of selected species of troponin-I. The use of synthetic peptide analogs to probe structure-function relationships.

¹¹C-Iodoantipyrine for the measurement of regional cerebral blood flow by positron emission tomography. Validation studies.

Differential effects of ouabain and 2,4-dinitrophenol on contractile tension of and on sodium and calcium efflux from frog heart ventricular strips.

Influence of human beta-thromboglobulin on prostaglandin production by pig aortic endothelial cells in culture.

Amino acid sequence determination of the ADP,ATP carrier from beef heart mitochondria. The sequence of the C-terminal acidolytic fragment.

E-C coupling during poisoning with 2,4-dinitrophenol and recovery in papillary muscle of guinea-pig: 2. Effect on the cardiac electrical activity.

E-C coupling during poisoning with 2,4-dinitrophenol and recovery in papillary muscle of guinea-pig: 1. Effect on the cardiac mechanical activity.

The complete amino acid sequence of mitochondrial glutamic oxaloacetic transaminase from rat liver.

Primary structure of porcine heart citrate synthase.

The amino acid sequence of the amino-terminal cyanogen bromide fragment of Tachypleus tridentatus hemocyanin alpha chain.

Mechanism of retraction of the trailing edge during fibroblast movement.

Effects of brief and intermediate exposures to sulfate submicron aerosols and sulfate injections and cardiopulmonary function of dogs and tracheal mucous velocity of sheep.

Complete amino acid sequence of alpha-tubulin from porcine brain.

Mobilization of a common source of smooth muscle Ca²⁺ by norepinephrine and methylxanthines.

Transport of 2-deoxy-D-[³H]glucose in microvessels isolated from bovine cerebral cortex.

Changes in body temperature after administration of antipyretics, LSD, delta 9-THC, CNS depressants and stimulants, hormones, inorganic ions, gases, 2,4-DNP and miscellaneous agents.

Effect of pyridine homologues on respiratory control and H⁺/O ratio in mitochondria.

Synthetic studies on the inhibitory region of rabbit skeletal troponin I. Relationship of amino acid sequence to biological activity.

The immobilization of mitochondrial malate dehydrogenase on Sepharose beads and the demonstration of catalytically active subunits.

Carnitine transport in isolated adult rat heart myocytes and the effect of 7,8-diOH chlorpromazine.

An in vivo/in vitro evaluation of teratogenic action.

Complete amino acid sequence of the catalytic subunit of bovine cardiac muscle cyclic AMP-dependent protein kinase.

Fragments of rabbit striated muscle alpha-tropomyosin. II. Binding to troponin-T.

Serotonin uptake by isolated adipose capillary endothelium.

Effect of 2,4 dinitrophenol on the rate of hepatic prostaglandin production.

Enzyme response of cultured endothelial cells to hyperoxia.

[The adhesion of blood platelets to collagen: molecular features of collagen (author's transl)].

Ultrastructural demonstration of endogenous peroxidatic activity in mammalian arterial wall.

Tissue and cellular disposition of paraquat in mice.

[Biochemical and morphological changes in white rat lung and liver tissues in experimental paraquat poisoning].

Toxicity and bioaccumulation of pentachlorophenol in broiler chickens.

[Paraquat poisoning; clinical toxicological aspects and a case description].

Cerebral damage in paraquat poisoning.

The changing pattern of paraquat poisoning in man.

[Comparative study of the intermittent and continuous action of the herbicide, Ramrod].

[Effect of the pesticide, fundazol, on the myocardium of rats with experimental atherosclerosis].

A mortality analysis of employees engaged in the manufacture of 2,4,5-trichlorophenoxyacetic acid.

A comparison of the effects of paraquat and diquat on lung compliance, lung volumes and single breath diffusing capacity in the rat.

Intraindividual variability in the calcium carbimide-ethanol interaction.

Calcium carbimide--ethanol interaction.

Breath and blood acetaldehyde concentrations and their correlation during normal and calcium carbimide-modified ethanol oxidation in man.

The influence of hypoxia and metabolic inhibitors on the excitation process in atrioventricular node.

Mortality experience of employees exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

[Adriamycin-cardiomyopathy induced by an increment of (Ca²⁺) (author's transl)].

Postnatal morphology and functional capacity of the kidney following prenatal treatment with dinoseb in rats.

Oxygen-induced enzyme release. Assessment of mitochondrial function in anoxic myocardial injury and effects of the mitochondrial uncoupling agent 2,4-dinitrophenol (DNP).

No excess in cancer deaths found in largest group ever studied for long-term effects of dioxin exposure..

Biological evaluation of hemoperfusion in acute poisoning.

Congenital hypothalamic hamartoblastoma, hypopituitarism, imperforate anus and postaxial polydactyly--a new syndrome? Part I: clinical, causal, and pathogenetic considerations.

[Experimental study on elucidating pathogenesis of adriamycin induced cardiomyopathy (author's transl)].

Interactions between essential trace and ultratrace elements.

The mortality experience of workers exposed to tetrachlorodibenzodioxin in a trichlorophenol process accident.

The complete amino acid sequence of bovine heart cytochrome C1.

Separation of renal medullary cells: isolation of cells from the thick ascending limb of Henle's loop.

Primary structure of mitochondrial glutamic oxaloacetic transaminase from rat liver : comparison with that of the pig heart isozyme.

The renal cortical lymphatic system in dogs with unimpeded lymph and urine flow.

Thermal injury of *Yersinia enterocolitica*.

Control of hepatic arterial blood flow: independence from liver metabolic activity.

Digoxin-quinidine interaction: in vitro studies in rat tissue.

The effects of calcium ions, ionophore A23187 and inhibition of energy metabolism on protein degradation in the rat diaphragm and epitrochlearis muscles in vitro.

Comparative studies on the effects of linoleate and methyl linoleate and their hydroperoxides on the respiration and reactivities of rat heart mitochondria.

Use of an uncoupling agent to distinguish between direct stimulation of metabolism and direct stimulation of transport: investigation of antidiuretic hormone and aldosterone.

The preparation of 3-nitrotyrosyl derivatives of three elapid venom cardiotoxins.

Adriamycin-induced alterations of the action potential in rat papillary muscle.

[Liver regeneration characteristics in young rats in allyl alcohol lesion of the periportal areas].

Selective depression of 2,4-dinitrophenol depolarized canine Purkinje fibers by lidocaine.

The amino acid sequence of rabbit cardiac tropomyosin.

Complete amino acid sequence of mitochondrial aspartate aminotransferase from pig heart muscle. Peptide ordering procedures and the complete sequence.

Complete amino acid sequence of mitochondrial aspartate aminotransferase from pig heart muscle. Cyanogen bromide peptides.

Studies on peptides. LXXXVII. Synthesis of an octacosapeptide amide corresponding to the entire amino acid sequence of chicken vasoactive intestinal polypeptide (VIP).

Substrate supply and function of isolated venous smooth muscle under anoxia and metabolic inhibition.

Solubilization and partial purification of the $\text{Ca}^{2+}/\text{Na}^{+}$ antiporter from the plasma membrane of bovine heart.

Vein Loading in Seedlings of *Phaseolus vulgaris* Exposed to Excess Cobalt, Nickel, and Zinc.

The complete amino acid sequence of the Ca^{2+} -dependent modulator protein (calmodulin) of bovine brain.

Ultrastructure of choroid plexus of the rat brain after 2,4-dinitrophenol treatment.

Effects of phenol and dinitrophenol on acid and alkaline phosphatases in tissues of a fish (*Notopterus notopterus*).

An improved method for isolation of Ca^{2+} binding cyanogen bromide peptides from rabbit skeletal muscle troponin C.

Solid-phase synthesis of porcine vasoactive intestinal peptide.

Ultrastructure of hepatic and heart muscle mitochondria after 2,4-dinitrophenol treatment in vivo.

2,4-dinitrophenol, lysosomal breakdown and rapid myofilament degradation in vertebrate skeletal muscle.

Histochemical technique for the demonstration of phosphofructokinase activity in heart and skeletal muscles.

Biochemical and morphological correlation of oxidant-induced pulmonary injury: low dose exposure to paraquat, oxygen, and ozone.

Pulmonary effects of contact exposure to paraquat: a clinical and experimental study.

[Haemoperfusion on coated activated charcoal. Experience in French anti-poison centres based upon 60 cases (author's transl)].

[Disturbances in the processes of division and differentiation of the spermatopoietic epithelium in chronic Ramrod poisoning].

Treatment of severe 2,4-D and mecoprop intoxication with alkaline diuresis.

Changes of metabolism during experimentally induced myotonia of rats. II. Alterations in creatine kinase and acid phosphatase activities: a possible mechanism in the development of muscle damage.

Changes of metabolism during experimentally induced myotonia of rats. I. Alterations in lactate and malate dehydrogenase isoenzyme activities.

Epicardial NADH fluorescence in altered mitochondrial redox states.

Tissue distribution of paraquat and diquat after oral administration in rats.

Blood pressure response to ethanol in relation to acetaldehyde levels and dopamine-beta-hydroxylase activity in rats pretreated with disulfiram, cyanamide and coprine.

Specific granules of the rat atrial muscle cell.

[Microsurgical plastic reconstruction of the explosion-damaged hand].

Defect in regulation of membrane transport of monosaccharides in dystrophic muscle.

Long-term toxicologic studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in laboratory animals.

The protective action of inosine on isolated arteries in hypoxia.

Death from acute poisoning in man.

Increased pressor responses to physostigmine in spontaneously hypertensive rats.

Phenylglyoxal modification of cardiac myosin S-1. Evidence for essential arginine residues at the active site.

Fragmentation of the ADP/ATP carrier protein from beef heart mitochondria. Localisation of the atractyloside binding site in a peptide obtained by cyanogen bromide cleavage.

Effect of sodium azide on the ultrastructural preservation of tissues.

[Two sites of ubisemiquinone binding in mitochondrial succinate oxidase].

Prostaglandins have limited actions on abnormalities of beating induced in cultured heart cells.

Comparison of the bronchodilator and vasodilator activity of sodium azide and sodium nitroprusside in the guinea-pig.

Phosphorylation of glycogen synthase in the perfused rat heart.

Metabolic dependence of the offset of antidiuretic hormone-induced osmotic flow of water across the toad urinary bladder.

Sequence of two phosphorylated sites in the catalytic subunit of bovine cardiac muscle adenosine 3':5'-monophosphate-dependent protein kinase.

Effect of 2-4-dinitrophenol on intercellular communication in mammalian cardiac fibres.

Synthesis and biological activity of an icosapeptide analog of the actomyosin ATPase inhibitory region of troponin I.

On the pathogenesis of mitochondrial myopathies. An experimental study.

Thyroid hormone stimulates synthesis of a cardiac myosin isozyme. Comparison of the two-dimensional electrophoretic patterns of the cyanogen bromide peptides of cardiac myosin heavy chains from euthyroid and thyrotoxic rabbits.

The semisynthesis of fragments corresponding to residues 66-104 of horse heart cytochrome c.

Bioassay of calcium cyanamide for possible carcinogenicity.

An ouabain-insensitive Na-ATPase of the arterial vascular muscle cell and its relation to ouabain-sensitive Na,K-ATPase.

Effect of metabolic inhibitors on vasopressin-stimulated transport systems in the toad bladder.

Evaluation of the activity of chlorine-containing pesticides as inhibitors of the mitochondrial respiratory chain.

Paraquat poisoning: a review.

Paraquat lung injury in rabbits.

The localization of calcium by X-ray microanalysis in myopathic muscle fibers.

Autopsy findings in a case of acute paraquat poisoning with extensive cerebral purpura.

[Pathomorphological studies in experimental simazine poisoning of sheep].

Report of the 40th meeting of the work group on the pathophysiology of breathing of the Society for Pathophysiology and the Society for Bronchopneumology and Tuberculosis of the DDR. Animal experimental models of acute and chronic lung diseases.

Noncardiac pulmonary edema.

Toward less hazardous cigarettes. Current advances.

Reversal by theophylline of some changes characteristically accompanying hypothyroidism in rats.

Inactivation of pig heart alanine aminotransferase by beta-chloroalanine.

Absorption of paraquat and diquat from the airways of the perfused rat lung.

Binding to radioactivity from [14C] paraquat to rat lung protein, in vitro.

[Pathological and embryological studies on abortion cases related to the Seveso accident].

Radioimmunoassay for serum myoglobin.

Treatment of arterial hypertension with tienilic acid, a new diuretic with uricosuric properties.

Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the renal tubular secretion of phenolsulfonphthalein.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on lipid profiles in tissue of the Fischer rat.

The interaction of caerulein with the rat pancreas. 2. Specific binding of [3H]caerulein on dispersed acinar cells.

The amino-acid sequence of troponin C from frog skeletal muscle.

Adriamycin and daunomycin generate reactive oxygen compounds in erythrocytes.

Functional differences of ouabain and ethacrynic acid on renal potassium metabolism in dogs.

Structure of alpha-polymer from in vitro and in vivo highly cross-linked human fibrin.

Calcium-induced conformational changes in a cyanogen bromide fragment of troponin C that contains one of the binding sites.

Characterization of pepsin-solubilized bovine heart-valve collagen.

Isolated microvessels: the blood-brain barrier in vitro.

Amino-acid sequence of toxin I from *Anemonia sulcata*.

Characterization of a region of the primary sequence of troponin C involved in calcium ion-dependent interaction with troponin I.

Effect of cholinergic antagonists on sympathetic ganglionic transmission of vasomotor reflexes from the carotid baroreceptors and chemoreceptors of the dog.

[Taurine transport in the heart].

The amino acid sequence of rabbit skeletal alpha-tropomyosin. The NH₂-terminal half and complete sequence.

Occurrence of an uncoupler-resistant intermediate type of phosphate-water oxygen exchange reaction catalyzed by heart submitochondrial particles.

[Effect of 2,4-dinitrophenol on transmembrane potential difference in frog tissues].

[Isolation of myosin light chain from porcine heart by preparative electrophoresis and study of the polypeptides obtained by cyanogen bromide action].

Studies on the histomorphology and histochemistry of the saccus vasculosus of *Cyprinion macrostomus*.

Human poisoning with pentachlorophenol and its treatment.

[Hemoperfusion with coated activated charcoal for treating acute poisoning by remedies, plant protectants, and fungi. III. Fungi (author's transl)].

Pulmonary reactions to drugs.

Dialysis and hemoperfusion of poisons and drugs--update.

Acute renal complications of acute intoxications.

Neural influence on experimental myotonia.

Interaction of azidonitrophenylaminobutyryl--ADP, a photoaffinity ADP analog, with mitochondrial adenosine triphosphatase. Identification of the labeled subunits.

Induction of tumors in mice with the herbicide succinic acid 2,2-dimethylhydrazide.

Poisoning by cresol.

[Some additional facts about thymus (author's transl)].

Effects on interferon of heavy metal excess and zinc deficiency.

[Dissociation of the ino- and chronotropic response of isolated rat heart to noradrenaline in the presence of oxygen deficit, exposure to cyanide and 2,4-dinitrophenol].

Primary structures of cardiotoxin analogues II and IV from the venom of *Naja jaja atra*.

Epidemiology and pathology of a tetrachlorodibenzodioxin poisoning episode.

The actions of ouabain, dinitrophenol, anoxia and ionic manipulation on cultured heart cells.

Changes in integrated vagal afferent activity induced by model lung diseases in rats.

Cyanogen bromide peptide from bovine cardiac myosin containing two essential thiols. Evidence for sequence homology with skeletal myosin in the region of the active site.

The collagen of heart valve.

Effects of adenine nucleotide translocase inhibitors on dinitrophenol-induced Ca^{2+} efflux from pig heart mitochondria.

The influence of some metabolic inhibitors on in vitro phagocytizing macrophages. I. The behaviour of human macrophages.

The capillary and sarcolemmal barriers in the heart. An exploration of labeled water permeability.

The amino acid sequence of rabbit slow-muscle troponin I.

The binding site of skeletal alpha-tropomyosin on troponin-T.

Determination of the amino acid sequence of troponin C from rabbit skeletal muscle.

The effect of inosine on the recovery of isolated perfused arteries from dinitrophenol [proceedings].

Nitric oxide activates guanylate cyclase and increases guanosine 3':5'-cyclic monophosphate levels in various tissue preparations.

Regulation of cardiac output during 2,4-dinitrophenol-induced tissue hypermetabolism in the dog.

The complete amino acid sequence of mitochondrial aspartate aminotransferase from pig heart.

Role of tissue hypermetabolism in stimulation of ventilation by dinitrophenol.

The effect of ouabain, dinitrophenol, and lithium on the pacemaker current in sheep cardiac Purkinje fibers.

Noxious effects upon cochlear metabolism.

Active transport of iodide in isolated porcine thyroid cells. Application to an in vitro bioassay of thyrotropin.

Bicarbonate stimulation of mitochondrial ATPase. Effect of physical training.

Primary structure of rabbit skeletal muscle troponin-T. Sequence determination of four cyanogen bromide fragments, CB4, CB6, and CB7.

Primary structure of rabbit skeletal muscle troponin-T. Purification of cyanogen bromide fragments and the amino acid sequence of fragment CB2.

Primary structure of rabbit skeletal muscle troponin-T. Sequence determination of the NH₂-terminal fragment CB3 and the complete sequence of troponin-T.

The effect of organophosphorus compounds on respiration by rat liver mitochondria.

Metabolic energy dependence of glucose, water and sodium absorption in the presence and absence of 'downhill' sodium gradients across isolated rat small intestine.

Biosynthesis of type I and III collagens by cultured smooth muscle cells from human aorta.

Stimulation of guanylate cyclase by sodium nitroprusside, nitroglycerin and nitric oxide in various tissue preparations and comparison to the effects of sodium azide and hydroxylamine.

Influence of carbohydrates on quantitative aspects of growth and embryo formation in wild carrot suspension cultures.

[Electron transport particles from beef-heart mitochondria as a test system for inhibitors of the respiratory chain].

A region of the troponin C molecule involved in interaction with troponin I [proceedings].

Cardiovascular malformations in *Oryzias latipes* embryos treated with 2,4,5-trichlorophenoxyacetic acid (2,4,5-T).

Tumorigenic effect of 3-amino-1H-1,2,4-triazole on rat thyroid.

Strain differences in histopathologic, hematologic, and blood chemistry changes induced in mice by a technical and a purified preparation of 2,4,5-trichlorophenoxyacetic acid.

[Chloracne, porphyria cutanea tarda, and other poisonings due to the herbicides].

Paraquat revisited.

Mortality in 1969 from pesticides, including aerosols.

Sequential histopathologic, hematologic, and blood chemistry changes induced in mice by a technical and a purified preparation of 2,4,5-trichlorophenoxyacetic acid.

Effect of paraquat (methyl viologen) on liver function in mice.

Binding of organic compounds to rat liver and lung.

The effects of iron deficiency on the respiratory function and cytochrome content of rat heart mitochondria.

[The effect of 2,4-dinitrophenol, monoiodine acetate, sodium fluoride and hypoxia on the formation of plasma polyps in the placenta of guinea pigs (author's transl)].

Regulation of the pyruvate dehydrogenase activity in the isolated perfused heart of guinea-pigs.

Effect of hypothyroidism on responsiveness to beta-adrenergic stimulation.

Effects of anoxia and metabolic inhibitors on reaction of the fast sodium system.

[Pharmacological studies on basic ethers (R111 and R97) with antispasmodic activity].

Reactions of bis(thiosemicarbazonato) copper(II) complexes with tumor cells and mitochondria.

Antidiuretic peptide in mammalian choroid plexus.

Elastin structure in health and disease.

Appearance of magnesium guanylate cyclase activity in rat liver with sodium azide activation.

The amino acid sequence of rabbit cardiac troponin I.

The amino acid sequence of troponin C from chicken skeletal muscle.

Adenosine triphosphate - dependent calcium binding and accumulation by guinea pig cardiac sarcolemma.

Amino acid sequence of cardiotoxin-analogue II from the venom of Naja Naja Atra.

Isolation of calcium pump system and purification of calcium ion-dependent ATPase from heart muscle.

Use of preformed cell aggregates and layers to measure tissue-specific differences in intercellular adhesion.

[Absorption, distribution, excretion and metabolism of a basic ether compound (R97) with antispasmodic activity].

The effect of catecholamines on the influx of calcium and the development of tension in denervated mouse diaphragm muscle.

[Effect of thyroxine and 2,4-dinitrophenol on cardiac energetics].

Distribution of a lanthanide (^{147}Pm) in vascular smooth muscle.

Comparison of the amino acid sequence of pig heart myoglobin with other ungulate myoglobins.

Amino-acid sequence of tropomyosin-binding component of rabbit skeletal muscle troponin.

Active sodium uptake by the skin of foetal sheep and pigs.

Gastrointestinal effects of acute ferrous sulfate poisoning in rats.

Phosphorylation of cardiac myofibrillar proteins.

Redistribution of the Fc receptor on human blood monocytes and peritoneal macrophages induced by immunoglobulin G-sensitized erythrocytes.

Characterization of cardiac sarcoplasmic reticulum ATP-ADP phosphate exchange and phosphorylation of the calcium transport adenosine triphosphatase.

Positive chronotropic effect of dialysable peptides derived from plasmin digestion of bovine fibrinogen preparations.

Determination of the complete amino acid sequence of bovine cardiac troponin C.

Inhibitory effects of scillaren and dinitrophenol on bilirubin excretion by the isolated perfused rat liver.

Synthesis of some 1, 8- and 2, 8-disubstituted derivatives of adenosine cyclic 3', 5'-phosphate and their interaction with some enzymes of cAMP metabolism.

Afferent neural pathway in the regulation of cardiopulmonary responses to tissue hypermetabolism.

Modification of in vivo lacrimal gland secretion by 2,4-dinitrophenol.

A complex of cardiac cytochrome c1 and cytochrome c.

Human heart and platelet actins are products of different genes.

Valinomycin inhibition of the inward slow current of cardiac muscle.

Lung collagen heterogeneity. Synthesis of type I and type III collagen by rabbit and human lung cells in culture.

Pancreatic metabolic rate measured in vivo with heat-accumulation technique.

Regional transport of phenylalanine across the blood-brain barrier.

[Ultrastructural study of a renal biopsy in a patient poisoned by paraquat].

[Fatal gramoxone poisoning].

Hypertension in Oregon pesticide-formulating workers.

[Resuscitation in 1975].

The pathology of the lung in paraquat poisoning.

Lung function in acute paraquat intoxication.

Electron transport by C-type cytochromes. I. The reaction of horse heart cytochrome c with anionic reductants.

Isolation and characterization of CNBr peptides of human ($\alpha 1$ (III))₃ collagen and tissue distribution of ($\alpha 1$ (I))₂ $\alpha 2$ and ($\alpha 1$ (III))₃ collagens.

Energy-dependent calcium uptake activity of microsomes from the aorta of normal and hypertensive rats.

Experimental mitochondrial myopathy produced by in vivo uncoupling of oxidative phosphorylation.

Reduced beta-adrenergic responsiveness in hypothyroid rats.

Isothiocyanates. A new class of uncouplers.

Patients with Ehlers-Danlos syndrome type IV lack type III collagen.

Identification of a viral protein involved in post-translational maturation of the encephalomyocarditis virus capsid precursor.

Impairment of mitochondrial function following reperfusion of acutely ischemic myocardium.

Cardiac metabolism and electromechanics of human heart.

Oxidation of succinate in heart, brain, and kidney mitochondria in hypobaria and hypoxia.

Role of mitochondrial calcium transport in failing heart.

Uptake of sorbitol by chick embryo heart cells at various stages of development.

A correlative study of the experimental cardiac dynamics and myocardial energy metabolism.

Cyanogen bromide fragments of the cardiac I light chain from bovine myosin: evidence for sequence homology with rabbit skeletal myosin alkali light chains.

Activation of guanylate cyclase from rat liver and other tissues by sodium azide.

The primary structure of troponin T and the interaction with tropomyosin.

Oxygen and cyclic nucleotides in human umbilical artery.

Respiratory effects of H⁺ and dinitrophenol injections into the brain stem subarachnoid space of fetal lambs.

The amino acid sequence of troponin I from rabbit skeletal muscle.

Purification and analysis of the cyanogen bromide peptides of troponin T from rabbit skeletal muscle.

Growth hormone covalently bound to sepharose or glass. Analysis of ligand release rates and characterization of soluble radiolabeled products.

Mitochondrial ATP-Pi exchange complex and the site of uncoupling of oxidative phosphorylation.

[Catecholamine content and electrolyte balance of the rabbit myocardium during poisoning with 2,4-dinitrophenol].

[Isolation and properties of a preparation of arterial collagen solubilized by pretreatment with alkali (author's transl)].

Cyanate modification of essential lysyl residues of the diphosphopyridine nucleotide-specific isocitrate dehydrogenase of pig heart.

Amino acid sequence of 37 residues surrounding Nxi-pyridoxyllysine in mitochondrial aspartate aminotransferase.

Amino-acid sequence of parvalbumin from rabbit skeletal muscle.

Ion transport across the excised bullfrog lung.

[Primary structure of cytoplasmic aspartate aminotransferase from pig heart muscle. Amino acid sequence of peptides from cyanogen bromide hydrolysate].

Adenosine triphosphate dependent calcium uptake by subcellular fractions from bovine neurohypophyses.

Brain concentration of propranolol in relation to hypotensive effect in the rabbit with observations on brain propranolol levels in man.

Conformational studies of equilibrium structures in fragments of horse heart cytochrome c.

[Effect of 2,4 dinitrophenol and ouabain on the ability of cesium ions to substitute for intracellular potassium ions in isolated and perfused turtle heart (author's transl)].

Phosphoprotein formation and ADP-ATP exchange of cardiac sarcoplasmic reticulum.

The influence of metabolic inhibitors upon the transmembrane slow inward current in the mammalian ventricular myocardium.

Electrolyte- and fluid-spaces of rat brain in situ after infusion with dinitrophenol.

Cardiac effects of sodium selenite.

Proceedings: Comparison on the effects of various anaesthetics and of 2,4-dinitrophenol (DNP) on the substrate pattern of the rat heart in vivo.

[Paraquat intoxication and isolated aplastic anaemia (author's transl)].

Paraquat lung: a reappraisal.

[Syndrome of ophthalmological manifestations caused by a generalized intoxication with defoliants and herbicides].

[Electron and light microscopic findings in human paraquat poisoning (author's transl)].

[Massive paraquat poisoning, fatal within 24 hours. Toxicologic and anatomo-clinical data].

[Case report on 2,4-dichlorophenoxyacetic acid poisoning].

[Problem of studying the pathogenic effect of environmental chemical substances on the body].

Problems associated with the screening of drugs for possible teratogenic activity.

[Combination therapy in the treatment of hypertension; possibilities and limitations].

The effects of isopropyl N-phenyl carbamate on the green alga *Oedogonium cardiacum*. I. Cell division.

Dose-dependent sympathomimetic and cardioinhibitory effects of acrolein and formaldehyde in the anesthetized rat.

Characterization and localization of mitochondrial uncoupler binding sites with an uncoupler capable of photoaffinity labeling.

[Influence of chronic acidification on the development of light and electron microscopy changes of myocardial cells after administration of 2,4-dinitrophenol].

Effect of 2,4-dinitrophenol on transmembrane potentials of chick embryonic heart cells.

Reconstitution of horse heart cytochrome c: reformation of the peptide bond linking residues 65 and 66.

Evidence for active Phloem loading in the minor veins of sugar beet.

Homology of the primary structures of cytoplasmic and mitochondrial aspartate aminotransferases from pig heart.

Lung collagen heterogeneity.

The phosphorylation sites of troponin I from white skeletal muscle of the rabbit.

The amino acid sequences of the phosphorylated sites in troponin-I from rabbit skeletal muscle.

Homology of myosin light chains, troponin-C and parvalbumins deduced from comparison of their amino acid sequences.

Isolation and purification of the cyanogen bromide fragments from troponin I.

Characterization of cardiac muscle collagen. Molecular heterogeneity.

A new method of preparation of troponin I (inhibitory protein) using affinity chromatography. Evidence for three different forms of troponin I in striated muscle.

Structure of the porcine vasoactive intestinal octacosapeptide. The amino-acid sequence. Use of kallikrein in its determination.

Spegazzinine, a new inhibitor of mitochondrial oxidative phosphorylation.

Table 2A-2 – Titles of Pubmed Records Related to Neurological Adverse Events Following Herbicide Exposure

AGEUSIA; *ALGIA*; *ALZHEIMER*; *anosmia*; *AUTIS*; *BRAIN*; *CALLOSUM*; *CATAPLEX*; *CEREBR*; *CONVULSI*; *CORTICAL*; *CRANIAL*; *DEMENT*; *DYNIA*; *DYSTROPHY*; *EMBOL*; *ENCEPH*; *FATIGUE*; *GLIO*; *GLIOBLASTOMA*; *GUILLAIN*; *HEADACHE*; *HUNTINGTON*; *IMMOBIL*; *MEMORY*; *MENING*; *MOTOR*; *MULTIPLE SCLEROSIS*; *MYELITIS*; *NARCOLEP*; *NERV*; *NEURA*; *NEURI*; *NEURO*; *NUMBNESS*; * PAIN *; *PALSY*; *PARALY*; *PARKINSON*; *SEIZURE*; *SPINAL*; *STROKE*; *THALAM*; *THROMBOSIS*; *TOOTHACHE*; *TREMOR*; *TWITCH*; *WEAKNESS*; PAIN (8792)

Molecular, biochemical and histological assessment in paraquat induced neurotoxicity: restoring role of nano-curcumin in an experimental study.

Elucidating the effects of pure glyphosate and a commercial formulation on early life stages of zebrafish using a complete biomarker approach: All-or-nothing!

Adverse effects of 2,4-D dimethylammonium based-herbicide on Acetylcholinesterase expression in Nile tilapia (*Oreochromis niloticus*).

Neurotoxicity of glyphosate: Focus on molecular mechanisms probably associated with alterations in cognition and behavior.

Biological-based techniques for real-time water-quality studies: Assessment of non-invasive (swimming consistency and respiration) and toxicity (antioxidants) biomarkers of zebrafish.

A potential mechanism clue to the periodic storm from microglia activation and progressive neuron damage induced by paraquat exposure.

Targeted upregulation of dMyc restricts JNK-mediated degeneration of dopaminergic neurons in the paraquat-induced Parkinson's disease model of *Drosophila*.

Usefulness of oxidative stress biomarkers in native species for the biomonitoring of pesticide pollution in a shallow lake of the Austral Pampas, Argentina.

Transcriptomic and behavioral analyses reveal unique target tissues and molecular pathways associated with embryonic exposure to low level glyphosate and metal mixtures in zebrafish.

Melatonin inhibits atrazine-induced mitochondrial impairment in cerebellum of mice: Modulation of cGAS-STING-NLRP3 axis-dependent cell pyroptosis.

Spatiotemporal Visualization of Paraquat Distribution, Toxicokinetics, and Its Detoxification in Zebrafish Using Matrix-Assisted Laser Desorption Ionization Mass Spectrometry Imaging.

Mechanistic insights into the effects of diuron exposure on *Alexandrium pacificum*.

Induction of Paraquat-Mediated Parkinsonian Phenotype in Zebrafish.

Ecological Implications on Aquatic Food Webs Due to Effects of Pesticides on Invertebrate Predators in a Neotropical Region.

Glyphosate: Impact on the microbiota-gut-brain axis and the immune-nervous system, and clinical cases of multiorgan toxicity.

Peripubertal exposure of atrazine cause decrease in exploratory activity, deficits in sociability and few alterations on brain monoaminergic systems of rats.

Paraquat (herbicide) as a cause of Parkinson's Disease.

Abalone peptide increases stress resilience and cost-free longevity via SKN-1-governed transcriptional metabolic reprogramming in *C. elegans*.

Assessment of oxidative stress biomarkers in the threatened annual killifish *Austrolebias charrua* exposed to Roundup.

Continuous low-level dietary exposure to glyphosate elicits dose and sex-dependent synaptic and microglial adaptations in the rodent brain.

From dysbiosis to neuropathologies: Toxic effects of glyphosate in zebrafish.

Elevated parkinsonism pathological markers in dopaminergic neurons with developmental exposure to atrazine.

Metabolomic Changes in Rat Serum after Chronic Exposure to Glyphosate-Based Herbicide.

Gestational glyphosate exposure and early childhood neurodevelopment in a Puerto Rico birth cohort.

Agent Orange Herbicidal Toxin-Initiation of Alzheimer-Type Neurodegeneration.

Biochemical and physiological alterations caused by Diuron and Triclosan in mussels (*Mytilus galloprovincialis*).

Aqueous leaf extract of *Phyllanthus amarus* protects against oxidative stress and misfiring of dopaminergic neurons in Paraquat-induced Parkinson's disease-like model of adult Wistar rats.

Atrazine exposure caused oxidative stress in male rats and inhibited brain-pituitary-testicular functions.

Evaluation of neurological behavior alterations and metabolic changes in mice under chronic glyphosate exposure.

MicroRNA-217-5p triggers dopaminergic neuronal degeneration via autophagy activation under Atrazine exposure.

Protective Effect of Quercetin against Paraquat-induced Brain Mitochondrial Disruption in Mice.

Paraquat and Parkinson's Disease: The Molecular Crosstalk of Upstream Signal Transduction Pathways Leading to Apoptosis.

Atrazine exposure promotes cardiomyocyte pyroptosis to exacerbate cardiotoxicity by activating NF- κ B pathway.

Glyphosate and neurotoxicity - a call for scientific renewal.

Exposure to pesticides during pregnancy and the risk of neural tube defects: A systematic review.

Agricultural paraquat dichloride use and Parkinson's disease in California's Central Valley.

Elucidating the mechanisms underlying astrocyte-microglia crosstalk in hippocampal neuroinflammation induced by acute diquat exposure.

Memory impairment with symmetrical hippocampal lesions following acute glufosinate-ammonium intoxication.

Association Between Urinary Glyphosate Exposure and Cognitive Impairment in Older Adults from NHANES 2013-2014.

Mid-to-late stage diquat accumulation in the central nervous system: A severe case of oral poisoning.

A rat model established by simulating genetic-environmental interactions recapitulates human Alzheimer's disease pathology.

Synthesis, characterization, and cytotoxic effects of new copper complexes using Schiff-base derivatives from natural sources.

Vascular read-out for TRP channel functionality on distal peripheral nerve endings in healthy men.

The impact of burial depth on *Centaurea diluta* emergence and modelling of its growth using a nonlinear regression and artificial neural network.

Perioperative exposure to volatile organic compounds in neonates undergoing cardiac surgery.

Cinnamon and cognitive function: a systematic review of preclinical and clinical studies.

Efficacy and safety of six new antiseizure medications for adjunctive treatment of focal epilepsy and epileptic syndrome: A systematic review and network meta-analysis.

Arsenic-induced IGF-1 signaling impairment and neurite shortening: The protective roles of IGF-1 through the PI3K/Akt axis.

Baicalin and lung diseases.

"Comparative evaluation of different chemical agents induced Autism Spectrum Disorder in experimental Wistar rats".

Regulation of stress granule formation in human oligodendrocytes.

Quantitative Analysis of Cenobamate and Concomitant Anti-Seizure Medications in Human Plasma via Ultra-High Performance Liquid Chromatography-Tandem Mass Spectrometry.

Can our microbiome break our hearts? Collaborative production of p-cresol sulfate and indoxyl sulfate by commensal microbes increases susceptibility to thrombosis.

Enrichment and distribution of 3,6-dichlorocarbazole in red crucian carp (*Carassius auratus*) and its hepatotoxicity.

Exploring *Caenorhabditis elegans* as Parkinson's Disease Model: Neurotoxins and Genetic Implications.

Reductions in concomitant antiseizure medication drug load during adjunctive cenobamate therapy: Post-hoc analysis of a subset of patients from a phase 3, multicenter, open-label study.

Effect of Cenobamate on Cognition in Patients with Drug-Resistant Epilepsy with Focal Onset Seizures: An Exploratory Study.

Cognitive and psychiatric adverse events during adjunctive cenobamate treatment in phase 2 and phase 3 clinical studies.

Risk factors for childhood brain tumours: A systematic review and meta-analysis of observational studies from 1976 to 2022.

Prospective study of cenobamate on cognition, affectivity, and quality of life in focal epilepsy.

A conformationally-locked p-hydroxybenzylidene imidazolinone derivative for detecting $A\beta^{2(42)}$ aggregation.

Switching from zonisamide to perampanel improved the frequency of seizures caused by hyperthermia in Dravet syndrome: a case report.

Fungicides as a risk factor for the development of neurological diseases and disorders in humans: a systematic review.

Both acute glyphosate and the aminomethylphosphonic acid intoxication decreased the acetylcholinesterase activity in rat hippocampus, prefrontal cortex and gastrocnemius muscle.

Potential AhR-independent mechanisms of 2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibition of human glioblastoma A172 cells migration.

MicroRNA-124-3p Modulates Alpha-Synuclein Expression Levels in a Paraquat-Induced in vivo Model for Parkinson's Disease.

Single-cell RNA-sequencing of cellular heterogeneity and pathogenic mechanisms in paraquat-induced Parkinson's disease with depression.

Detection and coverage estimation of purple nutsedge in turf with image classification neural networks.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and kynurenine induce Parkin expression in neuroblastoma cells through different signaling pathways mediated by the aryl hydrocarbon receptor.

The uses of zebrafish (*Danio rerio*) as an in vivo model for toxicological studies: A review based on bibliometrics.

Association of pesticide exposure with neurobehavioral outcomes among avocado farmworkers in Mexico.

Toxic effects of organophosphate pesticide monocrotophos in aquatic organisms: A review of challenges, regulations and future perspectives.

Toxicity of two pesticides in binary mixture on survival and enzymatic response of *Cerastoderma edule* - The warming influence.

Impact of a glyphosate-based herbicide on the longevity, fertility, and transgenerational effects on *Chrysopa pallens* (Rambur) (Neuroptera: Chrysopidae).

Synergistic effect of spermidine and ciprofloxacin against Alzheimer's disease in male rat via ferroptosis modulation.

Effects of Intranasal Dantrolene Nanoparticles on Brain Concentration and Behavior in PS19 Tau Transgenic Mice.

Geniposide from *Gardeniae Fructus* exerts antipyretic effect in febrile rats through modulating the TLR4/NF- κ B signaling pathway.

Effects of sodium arsenite exposure on behavior, ultrastructure and gene expression of brain in adult zebrafish (*Danio rerio*).

Corrigendum to "Elevated parkinsonism pathological markers in dopaminergic neurons with developmental exposure to atrazine" [Sci. Total Environ. 908 2024: Article 168307].

Investigating open access new approach methods (NAM) to assess biological points of departure: A case study with 4 neurotoxic pesticides.

Male-transmitted transgenerational effects of the herbicide linuron on DNA methylation profiles in *Xenopus tropicalis* brain and testis.

The urinary metabolites of volatile organic compounds and asthma in young children: NHANES 2011-2018.

Glutamine enhances sucrose taste through a gut microbiota-gut-brain axis in *Drosophila*.

Stereoselective toxicity of acetochlor chiral isomers on the nervous system of zebrafish larvae.

Metabolites and MRI-Derived Markers of AD/ADRD Risk in a Puerto Rican Cohort.

Early and transitory hypoactivity and olfactory alterations after chronic atrazine exposure in female Sprague-Dawley rats.

Magnolol extends lifespan and improves age-related neurodegeneration in *Caenorhabditis elegans* via increase of stress resistance.

The study of the protective effect of mitochondrial uncouplers during acute toxicity of the fungicide difenoconazole in different organs of mice.

Convolutional neural network based on the fusion of image classification and segmentation module for weed detection in alfalfa.

Maternal Fatigue after Postpartum Anemia Treatment with Intravenous Ferric Carboxymaltose vs. Intravenous Ferric Derisomaltose vs. Oral Ferrous Sulphate: A Randomized Controlled Trial.

Prenatal current-use pesticide exposure and children's neurodevelopment at one year of age in the Infants' Environmental Health (ISA) birth cohort, Costa Rica.

Vitellin/Vitellogenin Is an Important Allergen in German Cockroach.

Immunocytochemical Analysis of Crocin against Oxidative Stress in Trigeminal Sensory Neurons Innervating the Cornea.

Correction: Glyphosate infiltrates the brain and increases pro-inflammatory cytokine TNF: implications for neurodegenerative disorders.

Proteomic-miRNA Biomics Profile Reveals 2D Cultures of Human iPSC-Derived Neural Progenitor Cells More Sensitive than 3D Spheroid System Against the Experimental Exposure to Arsenic.

Artificial intelligence application in adsorption of uremic toxins: Towards the eco-friendly design of highly efficient with potential applications as hemodialysis membranes.

Updated Intrinsic Role of Phytochemicals against Glyphosate-induced Neurotoxicity: Systematic Review.

Occupational exposure to polychlorinated biphenyls: Development of neuropsychological functions over time.

Zingerone attenuates sciatic nerve damage caused by sodium arsenite by inhibiting NF- κ B, caspase-3, and ATF-6/CHOP pathways and activating the Akt2/FOXO1 pathway.

TRPA1 as a promising target in ischemia/reperfusion: A comprehensive review.

Elucidating the efficacy of functionalized multi-walled carbon nanotube in the biogenesis of L-Dopa and antioxidant metabolites in cell cultures of *Hybanthus enneaspermus*.

Distribution, Metabolism, and Excretion of Cenobamate in Adult, Fetal, Neonatal, and Lactating Rats.

Neuroprotective responses of quercetin in regulation of biochemical, structural, and neurobehavioral effects in 28-day oral exposure of iron in rats.

Organophosphate Toxicity.

Hydrogen cyanamide exposure: a case series from Pavia Poison Control Centre.

[Favorable evolution of severe paraquat poisoning. Treatment with gastric lavage, activated charcoal, cyclophosphamide + corticoids, and conventional daily hemodialysis: case study at the Franck Joly Hospital Center in French Guiana].

Maternal exposure of mice to glyphosate induces depression- and anxiety-like behavior in the offspring via alterations of the gut-brain axis.

A Thorny Problem: Glyphosate and 2,4-D Associated with Neurobehavioral Effects for Ecuadorian Adolescents.

Serum metabolome and liver transcriptome reveal acrolein inhalation-induced sex-specific homeostatic dysfunction.

The inadequacy of current pesticide regulations for protecting brain health: the case of glyphosate and Parkinson's disease.

Association of glyphosate exposure with multiple adverse outcomes and potential mediators.

Health effects of herbicides and its current removal strategies.

The effects of metallothionein in paraquat-induced Parkinson disease model of zebrafish.

Perinatal health effects of herbicides exposures in the United States: the Heartland Study, a Midwestern birth cohort study.

Mutagenicity, hepatotoxicity, and neurotoxicity of glyphosate and fipronil commercial formulations in Amazon turtles neonates (*Podocnemis expansa*).

Investigating the effects of mesotrione/atrazine-based herbicide on honey bee foragers.

Ecotoxicology of the herbicide paraquat: effects on wildlife and knowledge gaps.

Effects of glyphosate, mancozeb and their combinations on mouse neuroblastoma cells.

Role of voltage-dependent calcium channels on the striatal in vivo dopamine release induced by the organophosphorus pesticide glyphosate.

Pentachlorophenol exposure induced neurotoxicity by disrupting citrulline metabolism in larvae and adult zebrafish.

Integrating morphological, biochemical, behavioural, and molecular approaches to investigate developmental toxicity triggered by tebuthiuron in zebrafish (*Danio rerio*).

Glyphosate is Harmful to Early Life Stages of the Viviparous Fish *Jenynsia Multidentata*: Biochemical and Locomotor Effects.

GLYPHOSATE IMPACT on human health and the environment: Sustainable alternatives to replace it in Mexico.

Glyphosate-based herbicide (GBH) challenged thermoregulation in lizards (*Eremias argus*), compensatory warming could mitigate this effect.

Neurotoxicity of Glyphosate to Planarian *Dugesia japonica*.

Glyphosate and environmental toxicity with "One Health" approach, a review.

Long-Term Effects of Perinatal Exposure to a Glyphosate-Based Herbicide on Melatonin Levels and Oxidative Brain Damage in Adult Male Rats.

Effects of defoliant exposure and medication use on the development of Parkinson's disease in veterans.

Effect of sublethal concentrations of glyphosate-based herbicides (Roundup Active[®]) on skin of the tropical frog (*Dendropsophus molitor*).

Adverse developmental impacts in progeny of zebrafish exposed to the agricultural herbicide atrazine during embryogenesis.

Dual-Hit: Glyphosate exposure at NOAEL level negatively impacts birth and glia-behavioural measures in heterozygous shank3 mutants.

Astaxanthin ameliorates dopaminergic neuron damage in paraquat-induced SH-SY5Y cells and mouse models of Parkinson's disease.

Microglia-derived exosomal circZNF1 alleviates paraquat-induced neuronal cell damage via miR-17-5p.

Can the Herbicide Dicamba Produce Oxidative Stress in the Native South American fish *Jenynsia lineata* at Environmentally Relevant Concentrations?

Acrolein Induces Retinal Abnormalities of Alzheimer's Disease in Mice.

Hotspots of soil pollution: Possible glyphosate and aminomethylphosphonic acid risks on terrestrial ecosystems and human health.

Toxicity of glyphosate and aminomethylphosphonic acid (AMPA) to the early stages of development of *Steindachneridion melanodermatum*, an endangered endemic species of Southern Brazil.

Single and Combined Effects of Chlorpyrifos and Glyphosate on the Brain of Common Carp: Based on Biochemical and Molecular Perspective.

A single exposure to sub-lethal concentrations of a glyphosate-based herbicide or fluoxetine-based agent on growth performance in Nile tilapia.

Mitochondrial Complex I Inhibition in Dopaminergic Neurons Causes Altered Protein Profile and Protein Oxidation: Implications for Parkinson's disease.

Cellular Exposure to Chloroacetanilide Herbicides Induces Distinct Protein Destabilization Profiles.

Upregulation of mitochondrial calcium uniporter contributes to paraquat-induced neuropathology linked to Parkinson's disease via imbalanced OPA1 processing.

Selected herbicides screened for toxicity and analysed as inhibitors of both cholinesterases.

Comparative toxicity assessment of glyphosate and two commercial formulations in the planarian *Dugesia japonica*.

Cannabidiol Protects Dopaminergic-like Neurons against Paraquat- and Maneb-Induced Cell Death through Safeguarding DJ-1/CYS(106) and Caspase 3 Independently of Cannabinoid Receptors: Relevance in Parkinson's Disease.

Intralipid and caffeic acid phenethyl ester reverse the neurotoxic effects of organophosphate poisoning in rats.

Neurotoxic effects of exposure to glyphosate in rat striatum: Effects and mechanisms of action on dopaminergic neurotransmission.

Sex-specific respiratory and systemic endocrine effects of acute acrolein and trichloroethylene inhalation.

Paraquat-induced neurogenesis abnormalities via Drp1-mediated mitochondrial fission.

[Glyphosate and human health].

Glyphosate-based formulation affects *Tetragonisca angustula* worker's locomotion, behavior and biology.

Xylopiia aethiopica suppresses markers of oxidative stress, inflammation, and cell death in the brain of Wistar rats exposed to glyphosate.

Predicting structural features of selected flavonoids responsible for neuroprotection in a *Drosophila* model of Parkinson's disease.

The Parkinson-Associated Toxin Paraquat Shifts Physiological α -Synuclein Tetramers toward Monomers That Can Be Calpain-Truncated and Form Oligomers.

The interplay between lncRNA NR_030777 and SF3B3 in neuronal damage caused by paraquat.

TDP-43 is a potential marker of dopaminergic neuronal damage caused by atrazine exposure.

Lycopene ameliorates atrazine-induced spatial learning and memory impairments by inhibiting ferroptosis in the hippocampus of mice.

A search for acrolein scavengers among food components.

Exposure to the herbicide fluridone induces cardiovascular toxicity in early developmental stages of zebrafish.

A Roundup herbicide causes high mortality and impairs development of *Chrysoperla carnea* (Stephens) (Neuroptera: Chrysopidae).

Molecular mechanisms of atrazine toxicity on H19-7 hippocampal neurons revealed by integrated miRNA and mRNA "omics".

The Tobacco Smoke Component, Acrolein, as a Major Culprit in Lung Diseases and Respiratory Cancers: Molecular Mechanisms of Acrolein Cytotoxic Activity.

Atrazine induces phagocytotic dysfunction of microglia depends on nucleocytoplasmic translocation of acetylated HMGB1.

Behavioral and neuroinflammatory changes caused by glyphosate: Base herbicide in mice offspring.

Integrin Mac1 mediates paraquat and maneb-induced learning and memory impairments in mice through NADPH oxidase-NLRP3 inflammasome axis-dependent microglial activation.

Bioinformatics analysis of the potential mechanisms of Alzheimer's disease induced by exposure to combined triazine herbicides.

Dimethyl fumarate attenuates paraquat-induced pulmonary oxidative stress, inflammation and fibrosis in mice.

Global warming and glyphosate toxicity (I): Adult zebrafish modelling with behavioural, immunohistochemical and metabolomic approaches.

Dietary myricetin assuages atrazine-mediated hypothalamic-pituitary-testicular axis dysfunction in rats.

Field-realistic acute exposure to glyphosate-based herbicide impairs fine-color discrimination in bumblebees.

Global warming and glyphosate toxicity (II): Offspring zebrafish modelling with behavioral, morphological and immunohistochemical approaches.

Exposure to the pesticides linuron, dimethomorph and imazalil alters steroid hormone profiles and gene expression in developing rat ovaries.

Ecotoxicological relevance of glyphosate and flazasulfuron to soil habitat and retention functions - Single vs combined exposures.

Evaluation of acute toxicity and histology effect on liver of glyphosate and atrazine in the African catfish *Clarias gariepinus* (Burchell 1822).

Study on the toxic effects of sodium pentachlorophenol (PCP-Na) on razor clam (*Sinonovacula constricta*).

Human serum lipidomics analysis revealed glyphosate may lead to lipid metabolism disorders and health risks.

Atrazine alters early sexual development of the South American silverside, *Odontesthes bonariensis*.

Disturbance of cellular calcium homeostasis plays a pivotal role in glyphosate-based herbicide-induced oxidative stress.

Comparison of the effect of glyphosate and glyphosate-based herbicide on hippocampal neurogenesis after developmental exposure in rats.

Mitochondrial dysfunction due to in vitro exposure to atrazine and its metabolite in striatum.

Cryptotanshinone protects against oxidative stress in the paraquat-induced Parkinson's disease model.

Systematic literature review of the epidemiology of glyphosate and neurological outcomes.

Weed target detection at seedling stage in paddy fields based on YOLOX.

Glyphosate-induced glioblastoma cell proliferation: Unraveling the interplay of oxidative, inflammatory, proliferative, and survival signaling pathways.

Deep neural network and molecular docking supported toxicity profile of prometryn.

Genetic Susceptibility to Neurotoxicity Related to Prenatal Inorganic Arsenic Exposure in Young Spanish Children.

Acrolein produced by glioma cells under hypoxia inhibits neutrophil AKT activity and suppresses anti-tumoral activities.

A review of the characteristic properties of selected tobacco chemicals and their associated etiological risks.

Sympathetic and angiotensinergic activity in spontaneously hypertensive rats treated with 3-amino-1,2,4-triazole.

Hydralazine Promotes Central Nervous System Recovery after Spinal Cord Injury by Suppressing Oxidative Stress and Inflammation through Macrophage Regulation.

CtBP Neuroprotective Role in Toxin-Based Parkinson's Disease Models: From Expression Pattern to Dopaminergic Survival.

The contribution of initial concussive forces and resulting acrolein surge to β -amyloid accumulation and functional alterations in neuronal networks using a TBI-on-a-chip model.

PRKN/parkin-mediated mitophagy is induced by the probiotics *Saccharomyces boulardii* and *Lactococcus lactis*.

Acrolein adducts and responding autoantibodies correlate with metabolic disturbance in Alzheimer's disease.

Paraquat, Parkinson's Disease, and Agnotology.

Hypoxia inducible factor-1 \pm (HIF-1 \pm) as an early predictor of acute hydrogen cyanamide (Dormex) poisoning.

Hydralazine plays an immunomodulation role of pro-regeneration in a mouse model of spinal cord injury.

[A case of delayed peripheral neuropathy caused by diquat poisoning].

Inactivation of microglia dampens blood-brain barrier permeability and loss of dopaminergic neurons in paraquat-lesioned mice.

Paraquat exposure produces sex-dependent reduction in binge-like alcohol drinking in high alcohol-preferring mice.

Diet as a Source of Acrolein: Molecular Basis of Aldehyde Biological Activity in Diabetes and Digestive System Diseases.

Proximity to residential and workplace pesticides application and the risk of progression of Parkinson's diseases in Central California.

Prenatal exposure to pesticides and domain-specific neurodevelopment at age 12 and 18 months in Nanjing, China.

Inhibition of soluble epoxide hydrolase reduces paraquat neurotoxicity in rodents.

Snake venom nerve growth factor-inspired designing of novel peptide therapeutics for the prevention of paraquat-induced apoptosis, neurodegeneration, and alteration of metabolic pathway genes in the rat pheochromocytoma PC-12 cell.

The trend of ammonia levels in patients with glufosinate ammonium poisoning with respect to neurotoxicity.

Small-Molecule Cyanamide Pan-TEAD-YAP1 Covalent Antagonists.

Urinary Amino Acid-Conjugated Acrolein and Taurine as New Biomarkers for Detection of Dementia.

Ethalfuralin induces developmental toxicity in zebrafish via oxidative stress and inflammation.

A neuroprotective dose of trehalose is harmless to metabolic organs: comprehensive histopathological analysis of liver, pancreas, and kidney.

[A Preliminary Study on the Plasma Metabolomic Profiles of Patients Suffering From Acute Diquat Poisoning].

Polyamine-Derived Aminoaldehydes and Acrolein: Cytotoxicity, Reactivity and Analysis of the Induced Protein Modifications.

The herbicide glyphosate inhibits hippocampal long-term potentiation and learning through activation of pro-inflammatory signaling.

Urinary Glyphosate, 2,4-D and DEET Biomarkers in Relation to Neurobehavioral Performance in Ecuadorian Adolescents in the ESPINA Cohort.

The effects of glyphosate-based herbicide on the hypothalamic-pituitary thyroid axis are tissue-specific and dependent on age exposure.

Teratogenic effects of the dicamba herbicide in Zebrafish (*Danio rerio*) embryos.

Peroxiredoxin 5 overexpression decreases oxidative stress and dopaminergic cell death mediated by paraquat.

Laccase-immobilized on superparamagnetic iron oxide nanoparticles incorporated polymeric ultrafiltration membrane for the removal of toxic pentachlorophenol.

Application of Highly Sensitive Immunosensor Based on Optical Waveguide Light-Mode Spectroscopy (OWLS) Technique for the Detection of the Herbicide Active Ingredient Glyphosate.

Glyphosate without Co-formulants affects embryonic development of the south african clawed frog *Xenopus laevis*.

Paraquat is toxic to the soil-dwelling arthropod, *Folsomia candida* (Collembola: Isotomidae), and has potential effects on its *Wolbachia* endosymbiont.

Insights into the effects of sublethal doses of pesticides glufosinate-ammonium and sulfoxaflor on honey bee health.

Prenatal arsenic exposure, arsenic metabolism and neurocognitive development of 2-year-old children in low-arsenic areas.

Use of computational toxicology models to predict toxicological points of departure: A case study with triazine herbicides.

Modeling and optimization of chlorpyrifos and glyphosate biodegradation using RSM and ANN: Elucidating their degradation pathways by GC-MS based metabolomics.

Glyphosate affects the neurochemical phenotype of the intramural neurons in the duodenum in the pig.

Field evaluation of spray drift and nontargeted soybean injury from unmanned aerial spraying system herbicide application under acceptable operation conditions.

Molecular Characteristics of Toxicity of Acrolein Produced from Spermine.

Closed Bipolar Electrode-Enabled Electrochromic Sensing of Multiple Metabolites in Whole Blood.

Pharmacokinetic and Permeation Studies in Rat Brain of Natural Compounds Led to Investigate Eugenol as Direct Activator of Dopamine Release in PC12 Cells.

Untargeted serum metabolomics reveals novel metabolite associations and disruptions in amino acid and lipid metabolism in Parkinson's disease.

Inflammation and cardiometabolic diseases induced by persistent organic pollutants and nutritional interventions: Effects of multi-organ interactions.

Static Magnetic Field Reduces Intracellular ROS Levels and Protects Cells Against Peroxide-Induced Damage: Suggested Roles for Catalase.

Effect of acupuncture at neck-Jiaji (EX-B 2) and tuina on the cognitive function in the patients with subjective cognitive decline.

Environmental Toxicant Exposure Paralyzes Human Placental Macrophage Responses to Microbial Threat.

Kynurenine attenuates mitochondrial depolarization and neuronal cell death induced by rotenone exposure independently of AhR-mediated parkin induction in SH-SY5Y differentiated cells.

CDNF overexpression prevents motor-cognitive dysfunction by intrastriatal CPP-based delivery system in a Parkinson's disease animal model.

Apply Anticoagulants after Discharge not Benefit to the Incidence of Symptomatic Thrombus in High-Altitude Areas: A Retrospective Study.

Metformin and Trehalose-Modulated Autophagy Exerts a Neurotherapeutic Effect on Parkinson's Disease.

Developmental and neurobehavioral toxicity of 2,2'-methylenebis(6-tert-butyl-4-methylphenol) (antioxidant AO2246) during the early life stage of zebrafish.

Shenqi formula delayed Alzheimer's disease-like symptoms by skn-1 pathway in *Caenorhabditis elegans*.

Anti-inflammatory effects of antenatal administration of stem cell derived extracellular vesicles in the brain of rat fetuses with congenital diaphragmatic hernia.

Xenobiotic Exposure and Migraine-Associated Signaling: A Multimethod Experimental Study Exploring Cellular Assays in Combination with Ex Vivo and In Vivo Mouse Models.

Agricultural exposures and risk of childhood neuroblastoma: a systematic review and meta-analysis.

Mitochondrial Dysfunction After Repeated Mild Blast Traumatic Brain Injury Is Attenuated by a Mild Mitochondrial Uncoupling Prodrug.

Postictal hypoxia involves reactive oxygen species and is ameliorated by chronic mitochondrial uncoupling.

Effect of Long-Term Low-Dose Arsenic Exposure on DNA Methylation and Gene Expression in Human Liver Cells.

Comparing the enantioselective toxicity on cell cycle and apoptosis of DL-glufosinate and L-glufosinate to SH-SY5Y cells.

2,4-Dinitrophenol does not exert neuro-regenerative potential in experimental autoimmune neuritis.

Epidural Injection of Harpagoside for the Recovery of Rats with Lumbar Spinal Stenosis.

Assessing farmer's exposure to pesticides and the risk for non-communicable diseases: A biomonitoring study.

Sublethal toxicities of 2,4-dinitrophenol as inferred from online self-reports.

Deciphering migraine pain mechanisms through electrophysiological insights of trigeminal ganglion neurons.

Antimicrobial effect of oral care gel containing hinokitiol and 4-isopropyl-3-methylphenol against intraoral pathogenic microorganisms.

Chronic exposure to inorganic arsenic and fluoride induces redox imbalance, inhibits the transsulfuration pathway, and alters glutamate receptor expression in the brain, resulting in memory impairment in adult male mouse offspring.

Atlas of gut microbe-derived products from aromatic amino acids and risk of cardiovascular morbidity and mortality.

Molinate induces organ defects by promoting apoptosis, inflammation, and endoplasmic reticulum stress during the developmental stage of zebrafish.

Arsenic, polycyclic aromatic hydrocarbons, and metal exposure and risk assessment of stroke.

Is exposure to chemical pollutants associated with sleep outcomes? A systematic review.

Cenobamate (YKP3089) and Drug-Resistant Epilepsy: A Review of the Literature.

Hypoxia-induced mitochondrial stress granules.

Altered Gut Microbiota as Potential Biomarkers for Autism Spectrum Disorder in Early Childhood.

Biomolecular phase separation in stress granule assembly and virus infection.

Resveratrol ameliorates ortho- polychlorinated biphenyls' induced toxicity in ovary cells.

Temporary alteration of neuronal network communication is a protective response to redox imbalance that requires GPI-anchored prion protein.

Borax regulates iron chaperone- and autophagy-mediated ferroptosis pathway in glioblastoma cells.

Development of a novel PET ligand, [(11)C]GO289 targeting CK2 expressed in the brain.

Synthesis of Antiepileptic Drug (R)-Lacosamide and Chronic Pain Reliever (S)-Lacosamide from Chiral Glycine Enolate Equivalent.

An active new formulation of iron carried by aspartyl casein for iron-deficiency anemia: results of the ACCESS trial.

Ferrous sulfate reverses cerebral metabolic abnormality induced by minimal hepatic encephalopathy.

Environmentally Mediated Health Disparities.

[A study on occupational peripheral nerve disorders: a general view].

Experimental models of chemically induced Parkinson's disease in zebrafish at the embryonic larval stage: a systematic review.

A pesticide and iPSC dopaminergic neuron screen identifies and classifies Parkinson-relevant pesticides.

Serum Levels of Indoxyl Sulfate and P-cresol in Type II Diabetic Patients With and Without Nephropathy.

The vitamin B(12) analog cobinamide ameliorates azide toxicity in cells, *Drosophila melanogaster*, and mice.

Î±-Lipoic acid eliminates dioxin-induced offspring sexual immaturity by improving abnormalities in folic acid metabolism.

Exposure to nonanoic acid alters small intestinal neuroendocrine tumor phenotype.

Ifosfamide - History, efficacy, toxicity and encephalopathy.

Acetaldehyde dehydrogenase 2 activation attenuates sepsis-induced brain injury through NLRP3 inflammasome regulation.

Chronic exposure to metam sodium-based pesticide in mice during adulthood elevated anxiety and depression-like behaviors: Involvement of serotonergic depletion and gut microbiota dysbiosis.

Gestational organophosphate ester exposure and preschool attention-deficit/hyperactivity disorder in the Norwegian Mother, Father, and Child cohort study.

A screening test proposal for congenital defects based on maternal serum metabolomics profile.

Role of Astrocytes in Parkinson's Disease Associated with Genetic Mutations and Neurotoxicants.

Targeting BRD4 and PI3K signaling pathways for the treatment of medulloblastoma.

Diagnostic biomarker panels of osteoarthritis: UPLC-QToF/MS-based serum metabolic profiling.

Toward an understanding of the role of the exposome on fragile X phenotypes.

Exposure to bisphenol A or its phenolic analogs during early life induces different types of anxiety-like behaviors after maturity in male mice.

Endocrine disruptors and endometriosis.

The Mechanisms Underlying the Pharmacological Effects of GuiPi Decoction on Major Depressive Disorder based on Network Pharmacology and Molecular Docking.

Elucidations of Molecular Mechanism and Mechanistic Effects of Environmental Toxicants in Neurological Disorders.

Iron supplementation given to nonanemic infants: neurocognitive functioning at 16 years.

Genome-Wide Identification and Expression Analysis Reveals the B3 Superfamily Involved in Embryogenesis and Hormone Responses in *Dimocarpus longan* Lour.

Association between 2,4-dichlorophenoxyacetic acid and cognitive impairment in older adults: a cross-sectional study from NHANES 2001-2002 and 2011-2014.

loxynil and diethylstilbestrol impair cardiac performance and shell growth in the mussel *Mytilus coruscus*.

Phenolic compounds in the freshwater environment in South Korea: Occurrence and tissue-specific distribution.

An insight into the critical role of gut microbiota in triggering the phthalate-induced toxicity and its mitigation using probiotics.

Toxicological evaluation of TBBPA by common carp (*Cyprinus carpio*) about the in vivo/vitro disturbance of the AHR pathway.

Differential Effects of Paraquat, Rotenone, and MPTP on Cellular Bioenergetics of Undifferentiated and Differentiated Human Neuroblastoma Cells.

Plasma metabolites of aromatic amino acids associate with clinical severity and gut microbiota of Parkinson's disease.

Insight into the emerging and common experimental in-vivo models of Alzheimer's disease.

Effect of different glyphosate doses on the chemical coding of neurons of the enteric nervous system of the porcine descending colon.

Analysis of gasoline-related pollutant exposures and risks in California between 1996 and 2014.

Development and validation of chemometric-assisted spectrophotometric models for efficient quantitation of a binary mixture of supportive treatments in COVID-19 in the presence of its toxic impurities: a comparative study for eco-friendly assessment.

Population fraction of Parkinson's disease attributable to preventable risk factors.

Indoor metabolites and chemicals outperform microbiome in classifying childhood asthma and allergic rhinitis.

Acute oral poisoning due to pretilachlor herbicide - a rare case report from Nepal.

Erratum: "Urinary Glyphosate, 2,4-D and DEET Biomarkers in Relation to Neurobehavioral Performance in Ecuadorian Adolescents in the ESPINA Cohort".

Thiosulfate sulfurtransferase deficiency promotes oxidative distress and aberrant NRF2 function in the brain.

Ultrasonic neural regulation over two-dimensional graphene analog biomaterials: Enhanced PC12 cell differentiation under diverse ultrasound excitation.

Carnosine synthase deficiency aggravates neuroinflammation in multiple sclerosis.

Characterization of fifteen key genes involved in iron metabolism and their responses to dietary iron sources in yellow catfish *Pelteobagrus fulvidraco*.

The worm Adult Activity Test (wAAT): A de novo mathematical model for detecting acute chemical effects in *Caenorhabditis elegans*.

Developmental synapse pathology triggered by maternal exposure to the herbicide glufosinate ammonium.

Changes in the Phenotype of Intramural Inhibitory Neurons of the Porcine Descending Colon Resulting from Glyphosate Administration.

Evaluation of arsenic metabolism and tight junction injury after exposure to arsenite and monomethylarsonous acid using a rat in vitro blood-Brain barrier model.

Impacts of perinatal dioxin exposure on gaze behavior in 2-year-old children in the largest dioxin-contaminated area in Vietnam.

Cross species extrapolation of the disruption of thyroid hormone synthesis by oxyfluorfen using in vitro data, physiologically based pharmacokinetic (PBPK), and thyroid hormone kinetics models.

An overview of ATP synthase, inhibitors, and their toxicity.

Exposure to the aryl hydrocarbon receptor agonist dioxin disrupts formation of the muscle, nerves, and vasculature in the developing jaw.

Caffeic acid recarbonization: A green chemistry, sustainable carbon nano material platform to intervene in neurodegeneration induced by emerging contaminants.

Association between glyphosate exposure and cognitive function, depression, and neurological diseases in a representative sample of US adults: NHANES 2013-2014 analysis.

Microbe-derived uremic solutes enhance thrombosis potential in the host.

Neurotoxicity Assessment in Adult *Danio rerio* using a Battery of Behavioral Tests in a Single Tank.

Mild Oxidative Stress Induced by Sodium Arsenite Reduces Lipocalin-2 Expression Levels in Cortical Glial Cells.

3-Methylglutaryl carnitine: A biomarker of mitochondrial dysfunction.

Alcohol degradation, learning, and memory-enhancing effect of *Acetobacter pasteurianus* BP2201 in *Caenorhabditis elegans* model.

Biomechanical performance of talon cannulated compression device in pauwels type III fractures: a comparative study.

The neuroprotective effect of quercetin nanoparticles in the therapy of neuronal damage stimulated by acrolein.

Urinary acrolein protein conjugates-to-creatinine ratio is positively associated with diabetic peripheral neuropathy in patients with type 2 diabetes mellitus.

Deeper insights into the effects of low dietary levels of polychlorinated biphenyls on pig metabolism using gas chromatography-high resolution mass spectrometry metabolomics.

Gut Microbiota and Its Role in the Brain-Gut-Kidney Axis in Hypertension.

2,4-Dichlorophenoxyacetic Acid Induces Degeneration of mDA Neurons In Vitro.

In vivo neuromodulation of animal behavior with organic semiconducting oligomers.

Exposure to metam sodium-based pesticide impaired cognitive performances in adult mice: Involvement of oxidative damage and glial activation.

Transcriptome reveals the toxicity difference of dimethyl disulfide by contact and fumigation on *Meloidogyne incognita* through calcium channel-mediated oxidative phosphorylation.

Bioactive strawberry fruit (*Arbutus unedo* L.) extract remedies paraquat-induced neurotoxicity in the offspring prenatally exposed rats.

A review of food contaminant 2,3,7,8-tetrachlorodibenzo-p-dioxin and its toxicity associated with metabolic disorders.

Atrazine: cytotoxicity, oxidative stress, apoptosis, testicular effects and chemopreventive Interventions.

Early-Life Exposure to Paraquat Aggravates Sex-Specific and Progressive Abnormal Non-Motor Neurobehavior in Aged Mice.

Memory Reflections of the Microbiota-Gut and Oligodendrocyte Axis.

Untargeted Metabolomic Analyses of Body Fluids to Differentiate TBI DOC and NTBI DOC.

Sexually dimorphic mechanisms of VGLUT-mediated protection from dopaminergic neurodegeneration.

Acute paraquat poisoning complicated by acute kidney injury and lung fibrosis: a case report from Nepal.

Parkinson's disease updates: Addressing the pathophysiology, risk factors, genetics, diagnosis, along with the medical and surgical treatment.

Impact of dioxin exposure on brain morphometry and social anxiety in men living in the most dioxin-contaminated area in Vietnam.

Ethyl caffeate attenuates $A\beta^{25-35}$ -induced toxicity in *Caenorhabditis elegans* AD models via the insulin/insulin-like growth factor-1 signaling pathway.

Terbutryn causes developmental toxicity in zebrafish (*Danio rerio*) via apoptosis and major organ malformation in the early stages of embryogenesis.

3D-bioprintable endothelial cell-laden sacrificial ink for fabrication of microvessel networks.

The impact of Parkinson's disease-associated gut microbiota on the transcriptome in *Drosophila*.

Evaluation of the effect of photoplethysmograms on workers' exposure to methyl bromide using second derivative.

Association between urinary glyphosate levels and serum neurofilament light chain in a representative sample of US adults: NHANES 2013-2014.

Acetobacter pasteurianus BP2201 alleviates alcohol-induced hepatic and neuro-toxicity and modulate gut microbiota in mice.

Fluchloralin induces developmental toxicity in heart, liver, and nervous system during early zebrafish embryogenesis.

Controllable-Swelling Microneedle-Assisted Ultrasensitive Paper Sensing Platforms for Personal Health Monitoring.

Case report: Reversible splenic lesion syndrome caused by diquat poisoning.

Air Pollutant Patterns and Human Health Risk following the East Palestine, Ohio, Train Derailment.

Effects of Prometryn Exposure on Hepatopancreas Oxidative Stress and Intestinal Flora in *Eriocheir sinensis* (Crustacea: Decapoda).

Acute and chronic effects of sublethal neonicotinoid thiacloprid to Asian honey bee (*Apis cerana cerana*).

Updating "Dataset of transcriptomic changes that occur in human preadipocytes over a 3-day course of exposure to 3,3',4,4',5-Pentachlorobiphenyl (PCB126)" with additional data on exposure to 2,2',5,5'-tetrachlorobiphenyl (PCB52) or its 4-hydroxy metabolite (4-OH-PCB52).

Corrigendum to "Paraquat exposure induces Parkinsonism by altering lipid profile and evoking neuroinflammation in the midbrain" [Environ. Int. 169 (2022) 107512].

Vitellaria paradoxa inhibits arsenic-induced toxicity in *Drosophila melanogaster* via the augmentation of antioxidant system.

Bioactive superparamagnetic iron oxide-gold nanoparticles regulated by a dynamic magnetic field induce neuronal Ca(2+) influx and differentiation.

Agent Orange Causes Metabolic Dysfunction and Molecular Pathology Reminiscent of Alzheimer's Disease.

Protective Effects of Polyphenol-Rich Extracts against Neurotoxicity Elicited by Paraquat or Rotenone in Cellular Models of Parkinson's Disease.

The regulation of TRPA1 expression and function by Th1 and Th2-type inflammation in human A549 lung epithelial cells.

Studies of Endocrine Disruptors: Nonylphenol and Isomers in Biological Models.

Mechanistic investigation of the differential synergistic neurotoxicity between pesticide metam sodium and copper or zinc.

frpr-18, a neuropeptide receptor, regulates organismal lifespan and stress tolerance in *C. elegans*.

Atrazine Toxicity: The Possible Role of Natural Products for Effective Treatment.

The herbicides glyphosate and glufosinate and the cyanotoxin Î²-N-methylamino-L-alanine induce long-term motor disorders following postnatal exposure: the importance of prior asymptomatic maternal inflammatory sensitization.

Effects of metamifop on ammonia production and metabolism of *Monopterus albus*.

A case study of neurodevelopmental risks from combined exposures to lead, methyl-mercury, inorganic arsenic, polychlorinated biphenyls, polybrominated diphenyl ethers and fluoride.

Exposure to the persistent organic pollutant 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD, dioxin) disrupts development of the zebrafish inner ear.

Minocycline as a Neuroprotective Agent in Arsenic-Induced Neurotoxicity in PC12 Cells.

In-situ synchrotron imaging, experimental, and computational investigations on the efficiency of *Trametes versicolor* laccase on detoxification of P-Cresyl Sulfate (PCS) Protein Bound Uremic Toxin (PBUT).

Population fraction of Parkinson's disease attributable to preventable risk factors.

4-Chlorophenol adsorption from water solutions by activated carbon functionalized with amine groups: response surface method and artificial neural networks.

Effects of intranasal dantrolene nanoparticles on brain concentration and behavior in PS19 tau transgenic mice.

In utero arsenic exposure and early childhood motor development in the New Hampshire Birth Cohort Study.

The herbicide glyphosate inhibits hippocampal long-term potentiation and learning through activation of pro-inflammatory signaling.

Inhibition of the Beta-oxidation Pathway of Fatty Acids and Dopamine- Beta-hydroxylase by Phenyl Derivatives of Short- Chain Fatty Acids from Gastrointestinal Clostridia Bacteria is a (the) Major Cause of Autism.

Urinary concentration of phthalates and bisphenol A during minipuberty is associated with reproductive hormone concentrations in infant boys.

The relationship between experimental 2,4-Dinitrophenol administration and neurological oxidative stress: in terms of dose, time and gender differences.

Biological effects of sub-lethal doses of glyphosate and AMPA on cardiac myoblasts.

Abscisic Acid Inhibits Cortical Microtubules Reorganization and Enhances Ultraviolet-B Tolerance in *Arabidopsis thaliana*.

Effect of 650Å nm laser photobiomodulation therapy on the HT-7 (shenmen) acupoint in the *Mus musculus* model of Parkinson's disease.

Erratum: Plasma Oligomeric Beta Amyloid in Alzheimer's Disease with History of Agent Orange Exposure.

Interosseous Membrane Stimulation: A Treatment for Painful Peripheral Neuropathy.

Pesticide use in banana plantations in Costa Rica - A review of environmental and human exposure, effects and potential risks.

Prenatal Environmental Stressors and DNA Methylation Levels in Placenta and Peripheral Tissues of Mothers and Neonates Evaluated by Applying Artificial Neural Networks.

Endometriosis: Update of Pathophysiology, (Epi) Genetic and Environmental Involvement.

Sexual dysfunction precedes motor defects, dopaminergic neuronal degeneration, and impaired dopamine metabolism: Insights from *Drosophila* model of Parkinson's disease.

Aryl hydrocarbon receptor activation affects nitrergic neuronal survival and delays intestinal motility in mice.

Exposure to the persistent organic pollutant 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD, dioxin) disrupts development of the zebrafish inner ear.

Neuroprotective properties of borax against aluminum hydroxide-induced neurotoxicity: Possible role of Nrf-2/BDNF/AChE pathways in fish brain.

Molecular and Biochemical Evidence of the Toxic Effects of Terbutylazine and Malathion in Zebrafish.

A Nomogram for Early Diagnosis of Community-Acquired Pneumonia Based on Bronchoalveolar Lavage Fluid Metabolomics.

Comparison of the chronic and multigenerational toxicity of racemic glufosinate and l-glufosinate to *Caenorhabditis elegans* at environmental concentrations.

ROS downregulate TCA activity to modulate energy metabolism via the HIF/miR-34/ACS-PK pathway for lifespan extension in *Helicoverpa armigera*.

Implications of atrazine concentrations in drinking water from Ijebu-North, Southwest Nigeria on the hypothalamic-pituitary-adrenal axis.

Evaluation of covalent coupling strategies for immobilizing ligands on silica colloidal crystal films by optical interferometry.

Memory Effect on the Survival of *Deinococcus radiodurans* after Exposure in Near Space.

Could Vitamins Have a Positive Impact on the Treatment of Parkinson's Disease?

Absorption and Transport Mechanism of Red Meat-Derived N-glycolylneuraminic Acid and Its Damage to Intestinal Barrier Function through the NF- κ B Signaling Pathway.

Evaluation of convolutional neural networks for herbicide susceptibility-based weed detection in turf.

Overview of Adductomics in Toxicology.

Optimization of the Process for Preparing Bivalent Polysaccharide Conjugates to Develop Multivalent Conjugate Vaccines against *Streptococcus pneumoniae* or *Neisseria meningitidis* and Comparison with the Corresponding Licensed Vaccines in Animal Models.

Biotransformation and oxidative stress responses in fish (*Astyanax aeneus*) inhabiting a Caribbean estuary contaminated with pesticide residues from agricultural runoff.

Inorganic arsenic alters the development of dopaminergic neurons but not serotonergic neurons and induces motor neuron development via Sonic hedgehog pathway in zebrafish.

Dual role of Apolipoprotein D as long-term instructive factor and acute signal conditioning microglial secretory and phagocytic responses.

Cancer risk in Vietnam war veterans from the Korean Vietnam war veterans' health study cohort.

Neurodevelopmental Effects of Perinatal TCDD Exposure Differ from Those of Other PCDD/Fs in Vietnamese Children Living near the Former US Air Base in Da Nang, Vietnam.

[Preliminary study on the effect of fecal microbiota transplantation on neurobehavior and gut microbiota of offspring rats exposed to arsenic].

Selectively mixed matrix hemodialysis membrane for adequate clearance of p-cresol by the incorporation of imprinted zeolite.

Metamifop as an estrogen-like chemical affects the pituitary-hypothalamic-gonadal (HPG) axis of female rice field eels (*Monopterus albus*).

Bending *Drosophila* larva using a microfluidic device enables imaging of its brain and nervous system at single neuronal resolution.

Enhanced Glycolysis Confers Resistance Against Photon but Not Carbon Ion Irradiation in Human Glioma Cell Lines.

A host-gut microbial amino acid co-metabolite, p-cresol glucuronide, promotes blood-brain barrier integrity in vivo.

Gestational arsenic exposure induces anxiety-like behaviors in F1 female mice by dysregulation of neurological and immunological markers.

Herbicide Use in the Era of Farm to Fork: Strengths, Weaknesses, and Future Implications.

An electric molecular motor.

Effects of haloxyfop-p-methyl on the developmental toxicity, neurotoxicity, and immunotoxicity in zebrafish.

Bioactive diterpenoids and sesquiterpenoids with different skeletons from *Salvia digitaloides* Diels.

Assessment of exposure to volatile organic compounds through urinary concentrations of their metabolites in pet dogs and cats from the United States.

Neurotoxic and behavioral deficit in *Drosophila melanogaster* co-exposed to rotenone and iron.

Environmentally relevant uptake, elimination, and metabolic changes following early embryonic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish.

High hazard pesticides (HHPs) in Near East and North Africa (NENA), constrains and recommendations to mitigate the risk of HHPs.

Amyotrophic Lateral Sclerosis Pathoetiology and Pathophysiology: Roles of Astrocytes, Gut Microbiome, and Muscle Interactions via the Mitochondrial Melatonergic Pathway, with Disruption by Glyphosate-Based Herbicides.

AdoR-1 (Adenosine Receptor) Contributes to Protection against Paraquat-Induced Oxidative Stress in *Caenorhabditis elegans*.

Insulin Signaling Disruption and $\text{INF-}\hat{\tau}^3$ Upregulation Induce $\text{A}\hat{\tau}^2(1-42)$ and Hyperphosphorylated-Tau Proteins Synthesis and Cell Death after Paraquat Treatment of Primary Hippocampal Cells.

SRT1720 as an SIRT1 activator for alleviating paraquat-induced models of Parkinson's disease.

Environmental quality and ecotoxicity of sediments from the lower Salado River basin (Santa Fe, Argentina) on amphibian larvae.

Toxic Effects Induced by Diuron and Its Metabolites in *Caenorhabditis elegans*.

Atrazine-induced oxidative damage via modulating xenobiotic-sensing nuclear receptors and cytochrome P450 systems in cerebrum and antagonism of lycopene.

Comparative assessment of individual and mixture chronic toxicity of glyphosate and glufosinate ammonium on amphibian tadpoles: A multibiomarker approach.

Anxiety-related behavior and associated brain transcriptome and epigenome alterations in adult female zebrafish exposed to atrazine during embryogenesis.

Exposure to the environmentally toxic pesticide maneb induces Parkinson's disease-like neurotoxicity in mice: A combined proteomic and metabolomic analysis.

Glyphosate differentially affects the allergic immune response across generations in mice.

Effects of Subtoxic Concentrations of Atrazine, Cypermethrin, and Vinclozolin on microRNA-Mediated PI3K/Akt/mTOR Signaling in SH-SY5Y Cells.

Impairment of Endothelial Function by Cigarette Smoke Is Not Caused by a Specific Smoke Constituent, but by Vagal Input From the Airway.

Gut dysfunction may be the source of pathological aggregation of alpha-synuclein in the central nervous system through Paraquat exposure in mice.

Paraquat induces microglial cause early neuronal synaptic deficits through activation of the classical complement cascade response.

Paraquat exposure induces Parkinsonism by altering lipid profile and evoking neuroinflammation in the midbrain.

Effects of glyphosate and glyphosate-based herbicides like Roundup[®] on the mammalian nervous system: A review.

Histopathological, immunohistochemical, and molecular investigation of atrazine toxic effect on some organs of adult male albino rats with a screening of *Acacia nilotica* as a protective trial.

Maternal exposure to glyphosate-based herbicide promotes changes in the muscle structure of C57BL/6 mice offspring.

Glyphosate, AMPA and glyphosate-based herbicide exposure leads to GFAP, PCNA and caspase-3 increased immunoreactive area on male offspring rat hypothalamus.

Effects of glyphosate on zebrafish: a systematic review and meta-analysis.

Perinatal exposure to glyphosate-based herbicides induced neurodevelopmental behaviors impairments and increased oxidative stress in the prefrontal cortex and hippocampus in offspring.

Neurotoxicity of pesticides - A link to neurodegeneration.

What you don't know can still hurt you - underreporting in EU pesticide regulation.

Potential of paraquat toxicity by inhibition of the antioxidant defenses and protective effect of the natural antioxidant, 4-hydroxyisophthalic acid in *Drosophila melanogaster*.

Roundup and glyphosate's impact on GABA to elicit extended proconvulsant behavior in *Caenorhabditis elegans*.

Citric Acid-Derived Carbon Quantum Dots Attenuate Paraquat-Induced Neuronal Compromise In Vitro and In Vivo.

Adverse effects of dioxins on cognitive ability and motor performance of 5-year-old children residing in a hotspot of dioxin contamination originating from Agent Orange in Vietnam: A prospective cohort study.

Neurotoxicological Profiling of Paraquat in Zebrafish Model.

Glyphosate-based herbicide induces long-lasting impairment in neuronal and glial differentiation.

Glyphosate infiltrates the brain and increases pro-inflammatory cytokine TNF α : implications for neurodegenerative disorders.

Mass Spectrometry-Based Peptide Profiling of Haemolymph from *Pterostichus melas* Exposed to Pendimethalin Herbicide.

Effects of Anthropogenic Pollutants Identified in Pampas Lakes on the Development and Reproduction of Pejerrey Fish *Odontesthes bonariensis*.

Neuro-hepatopathological changes in juvenile *Oreochromis niloticus* exposed to sublethal concentrations of commercial herbicides.

Investigating mitochondria-immune responses in zebrafish, *Danio rerio* (Hamilton, 1822): A case study with the herbicide dinoseb.

Atrazine exposure in zebrafish induces aberrant genome-wide methylation.

The study of human serum metabolome on the health effects of glyphosate and early warning of potential damage.

Risk assessment of glyphosate and malathion pollution and their potential impact on *Oreochromis niloticus*: role of organic selenium supplementation.

The role of nanoplastics on the toxicity of the herbicide phenmedipham, using *Danio rerio* embryos as model organisms.

Pesticides and farmers' health: an analysis of variables related to management and property.

Gelatin-derived carbon quantum dots mitigate herbicide-induced neurotoxic effects in vitro and in vivo.

Glyphosate exposure modulates lipid composition, histo-architecture and oxidative stress status and induces neurotoxicity in the smooth scallop *Flexopecten glaber*.

Paraquat-induced oxidative stress regulates N⁶-methyladenosine (m⁶A) modification of long noncoding RNAs in Neuro-2a cells.

A time-course study of microglial activation and dopaminergic neuron loss in the substantia nigra of mice with paraquat-induced Parkinson's disease.

Cellular and Molecular Events Leading to Paraquat-Induced Apoptosis: Mechanistic Insights into Parkinson's Disease Pathophysiology.

An in vitro strategy using multiple human induced pluripotent stem cell-derived models to assess the toxicity of chemicals: A case study on paraquat.

Acetochlor Affects Bighead Carp (*Aristichthys Nobilis*) by Producing Oxidative Stress, Lowering Tissue Proteins, and Inducing Genotoxicity.

Glyphosate and neurological outcomes: A systematic literature review of animal studies.

Lifelong Exposure to a Low-Dose of the Glyphosate-Based Herbicide RoundUp(®) Causes Intestinal Damage, Gut Dysbiosis, and Behavioral Changes in Mice.

Odor perception and symptoms during acrolein exposure in individuals with and without building-related symptoms.

Age-related tolerance to paraquat-induced parkinsonism in *Drosophila melanogaster*.

Role of OCT3 and DRP1 in the Transport of Paraquat in Astrocytes: A Mouse Study.

Developmental toxicity of glyphosate on embryo-larval zebrafish (*Danio rerio*).

Paraquat-induced intracellular Zn²⁺ dysregulation causes dopaminergic degeneration in the substantia nigra, but not in the striatum.

2,4-dichlorophenoxyacetic acid induces ROS activation in NLRP3 inflammatory body-induced autophagy disorder in microglia and the protective effect of *Lycium barbarum* polysaccharide.

Integrating network pharmacology and in vitro model to investigate hippocampal neurotoxicity induced by atrazine.

Clinicohematological, Mutagenic, and Oxidative Stress Induced by Pendimethalin in Freshwater Fish Bighead Carp (*Hypophthalmichthys nobilis*).

Toxic Effects of Glyphosate on the Nervous System: A Systematic Review.

[Dynamic changes of locus coeruleus damage in Parkinson's disease-like mice induced by paraquat].

Tracing brain genotoxic stress in Parkinson's disease with a novel single-cell genetic sensor.

Do commonly used herbicides (atrazine and glyphosate) have the potential to impair the contractions, prostaglandin releasing and conducting of oxytocin signal at the bovine cervix in vitro?

Realistic exposure to fipronil, 2,4-D, vinasse and their mixtures impair larval amphibian physiology.

Paraquat Inhibits Autophagy Via Intensifying the Interaction Between HMGB1 and α -Synuclein.

Acrolein, an endogenous aldehyde induces synaptic dysfunction in vitro and in vivo: Involvement of RhoA/ROCK2 pathway.

Histopathological, Immunohistochemical, And Molecular Alterations In Brain Tissue And Submandibular Salivary Gland Of Atrazine-Induced Toxicity In Male Rats.

Autonomic behavioral impairment induced by simazine exposure during early life of male mouse is mediated by Lmx1a/Wnt1 pathway.

Long-term exposure to polyethylene microplastics and glyphosate interferes with the behavior, intestinal microbial homeostasis, and metabolites of the common carp (*Cyprinus carpio* L.).

[Preliminary study on time-dependent changes of intestinal tract and brain-gut axis in mice model of Parkinson's disease induced by paraquat].

Toxicity of commercial atrazine in *Rattus norvegicus* organs as a function of concentration: histopathological, ultrastructural and hematological evaluation.

Individual and combined multigenerational effects induced by polystyrene nanoplastic and glyphosate in *Daphnia magna* (Strauss, 1820).

Protective effects of antioxidants on striatal dopamine release induced by organophosphorus pesticides.

Resveratrol exhibits neuroprotection against paraquat-induced PC12 cells via heme oxygenase 1 upregulation by decreasing MiR-136-5p expression.

Decarboxylases as hypothetical targets for actions of organophosphates: Molecular modeling for prediction of hidden and unexpected health threats.

Impact of glyphosate-based herbicide on early embryonic development of the amphibian *Xenopus laevis*.

Phenolic-rich extract of avocado *Persea americana* (var. Colinred) peel blunts paraquat/maneb-induced apoptosis through blocking phosphorylation of LRRK2 kinase in human nerve-like cells.

Acute exposure to paraquat affects the phenotypic differentiation of substantia nigra microglia in rats.

Dimethylmonothioarsinic acid and dimethyldithioarsinic acid in the environment: Sorption characteristics on 2-line ferrihydrite and acute toxicity to *Daphnia magna*.

DNA Double-Strand Breaks Induced in Human Cells by 6 Current Pesticides: Intercomparisons and Influence of the ATM Protein.

Pre-conceptional and prenatal exposure to pesticides and pediatric neuroblastoma. A meta-analysis of nine studies.

Paraquat mediates BV-2 microglia activation by raising intracellular ROS and inhibiting Akt1 phosphorylation.

A Case of a Lethal Diquat Ingestion in a Toddler.

The influence of preconditioning with low dose of LPS on paraquat-induced neurotoxicity, microglia activation and expression of α -synuclein and synphilin-1 in the dopaminergic system.

Attenuating effect of *Prosopis cineraria* against paraquat-induced toxicity in prepubertal mice, *Mus musculus*.

MPP(+)-Induced Changes in Cellular Impedance as a Measure for Organic Cation Transporter (SLC22A1-3) Activity and Inhibition.

Hyperspectral imaging with shallow convolutional neural networks (SCNN) predicts the early herbicide stress in wheat cultivars.

Evaluation of myenteric neurons in the colon of rats exposed to 2,4 dichlorophenoxyacetic acid herbicide.

Analysis of serum levels of organochlorine pesticides and related factors in Parkinson's disease.

Assessing sub-lethal effects of the dinitroaniline herbicide pendimethalin in zebrafish embryos/larvae (*Danio rerio*).

Perinatal exposure to the thyroperoxidase inhibitors methimazole and amitrole perturbs thyroid hormone system signaling and alters motor activity in rat offspring.

Prenatal exposure to paraquat and nanoscaled TiO₂ aerosols alters the gene expression of the developing brain.

The relationship between pesticide exposure during critical neurodevelopment and autism spectrum disorder: A narrative review.

Toxicity of extracellular alpha-synuclein is independent of intracellular alpha-synuclein.

Characterization and Quantification of Acrolein-Induced Modifications in Hemoglobin by Mass Spectrometry—Effect of Cigarette Smoking.

Cinnamaldehyde causes developmental neurotoxicity in zebrafish via the oxidative stress pathway that is rescued by astaxanthin.

Case series: Diquat poisoning with acute kidney failure, myocardial damage, and rhabdomyolysis.

Lung Cancer in the French West Indies: Role of Sugarcane Work and Other Occupational Exposures.

Metolachlor Poisoning with Lactic Acidosis Improved by Thiamine Administration: A Case Report.

Acute diquat poisoning causes rhabdomyolysis.

Impact of Environmental Risk Factors on Mitochondrial Dysfunction, Neuroinflammation, Protein Misfolding, and Oxidative Stress in the Etiopathogenesis of Parkinson's Disease.

A Comparative Study on the Effect of Acute Pharyngeal Stimulation with TRP Agonists on the Biomechanics and Neurophysiology of Swallow Response in Patients with Oropharyngeal Dysphagia.

Toxic effects of glyphosate on the intestine, liver, brain of carp and on epithelioma papulosum cyprinid cells: Evidence from in vivo and in vitro research.

[The research progress of nervous system damage caused by diquat poisoning].

Pretilachlor Poisoning: A Rare Case of Herbicide Poisoning with Neurotoxicity.

Utilizing novel TBI-on-a-chip device to link physical impacts to neurodegeneration and decipher primary and secondary injury mechanisms.

LncRNA BIRF Promotes Brain Ischemic Tolerance Induced By Cerebral Ischemic Preconditioning Through Upregulating GLT-1 via Sponging miR-330-5p.

Genomic Analyses Identify Manganese Homeostasis as a Driver of Group B Streptococcal Vaginal Colonization.

Evaluation of cinnamaldehyde mucoadhesive patches on minor recurrent aphthous stomatitis: a randomized, double-blind, placebo-controlled clinical trial.

[Imaging features of 10 patients with toxic encephalopathy caused by diquat].

Targeted delivery of acrolein scavenger hydralazine in spinal cord injury using folate-linker-drug conjugation.

Homicidal paraquat poisoning: Poisoned while drinking.

Acute diquat poisoning resulting in toxic encephalopathy: a report of three cases.

Theranostic Copolymers Neutralize Reactive Oxygen Species and Lipid Peroxidation Products for the Combined Treatment of Traumatic Brain Injury.

Investigation of anti-Parkinson activity of dicyclomine.

[Clinical features of 86 cases of acute diquat poisoning].

Successful Treatment of Severe Toxic Hepatitis and Encephalopathy Without Respiratory Failure Caused by Paraquat Intoxication.

Histopathological Findings in a Fatal Case of Paraquat Poisoning.

Major component causing neurological toxicity in acute glufosinate ammonium poisoning: determination of glufosinate, 1-methoxy-2-propanol, and ammonia in serum and cerebrospinal fluid.

[Analysis of 1 case of convulsion death caused by large dose of diquat poisoning].

Cinnamaldehyde Downregulation of Sept9 Inhibits Glioma Progression through Suppressing Hif-1 α via the Pi3k/Akt Signaling Pathway.

Trans-cinnamaldehyde suppresses microtubule detyrosination and alleviates cardiac hypertrophy.

Acrolein, an endogenous aldehyde induces Alzheimer's disease-like pathologies in mice: A new sporadic AD animal model.

Taurine protects dopaminergic neurons in paraquat-induced Parkinson's disease mouse model through PI3K/Akt signaling pathways.

Combination of TRP channel dietary agonists induces energy expending and glucose utilizing phenotype in HFD-fed mice.

Association of urinary arsenic and sleep disorder in the US population: NHANES 2015-2016.

Pesticide exposure and cortical brain activation among farmworkers in Costa Rica.

Oxidative stress-induced phosphorylation of JIP4 regulates lysosomal positioning in coordination with TRPML1 and ALG2.

Using Computational Drug-Gene Analysis to Identify Novel Therapeutic Candidates for Retinal Neuroprotection.

Hawthorn fruit extract ameliorates H₂O₂-induced oxidative damage in neuronal PC12 cells and prolongs the lifespan of *Caenorhabditis elegans* via the IIS signaling pathway.

Peripheral tissular analysis of rapamycin's effect as a neuroprotective agent in vivo.

Aryl hydrocarbon receptor agonist diuron and its metabolites cause reproductive disorders in male marine medaka (*Oryzias melastigma*).

Physicochemical Changes in Bone Bioapatite During the Late Postmortem Interval Pre- and Post-Burning.

A clinico-epidemiological Study of acute Self-poisoning by different Types of herbicidal Substances used in agricultural Fields: A Study from Patients admitted in a Tertiary Care Hospital in West Bengal.

Cinnamaldehyde prevents intergenerational effect of paternal depression in mice via regulating GR/miR-190b/BDNF pathway.

The effects of aerobic exercise training with octopamine supplementation on cardiomyocyte apoptosis induced by deep-frying oil: The role of caspase and procaspase 3.

Cinnamaldehyde Regulates the Generation of \hat{I}^3 -aminobutyric Acid to Exert Sedation via Irreversible Inhibition of ENO1 in the Cerebellar Granular Layer.

A cell-based electrochemical sensor for assessing immunomodulatory effects by atrazine and its metabolites.

Prenatal arsenic exposure, arsenic methylation efficiency, and neuropsychological development among preschool children in a Spanish birth cohort.

[Research progress on the relationship between diquat poisoning and nuclear factor E2-related factor 2 signaling pathway].

Single-Center Experience With Paraquat Exposure in Nine Patients.

Parental diuron exposure causes lower hatchability and abnormal ovarian development in offspring of medaka (*Oryzias melastigma*).

Transcriptomic signaling in zebrafish (*Danio rerio*) embryos exposed to environmental concentrations of glyphosate.

Comprehending the Role of Endocrine Disruptors in Inducing Epigenetic Toxicity.

CHANGES IN THE STATE OF VEGETATIVE NERVOUS SYSTEM OF ALBINO RATS AT THE BACKGROUND OF CHRONIC ROUNDUP POISONING.

Behavioral, histopathological, and biochemical evaluations on the effects of cinnamaldehyde, naloxone, and their combination in morphine-induced cerebellar toxicity.

TIPARP is involved in the regulation of intraocular pressure.

Protocol for a multicenter, double-blinded placebo-controlled randomized controlled trial comparing intravenous ferric derisomaltose to oral ferrous sulfate for the treatment of iron deficiency anemia in pregnancy: The IVIDA2 trial.

Effects of neuron autophagy induced by arsenic and fluoride on spatial learning and memory in offspring rats.

The oxidative stress, mitochondrial pathway apoptosis, and the antagonistic effects of chrysophanol in SH-SY5Y cells via DTPP-induced photodynamic therapy.

Impact of environmental toxicants exposure on gut-brain axis in Parkinson disease.

Understanding In Vitro Pathways to Drug Discovery for TDP-43 Proteinopathies.

Lactobacillus reuteri tryptophan metabolism promotes host susceptibility to CNS autoimmunity.

Oral Ferrous Sulphate Improves Functional Capacity on Heart Failure Patients with Iron Deficiency Anemia.

Potential for TCDD to induce regulatory functions in B cells as part of the mechanism for T cell suppression in EAE.

Association between trichlorophenols and neurodegenerative diseases: A cross-sectional study from NHANES 2003-2010.

Occupational exposure to pesticides in mothers and fathers and risk of cancer in the offspring: A register-based case-control study from Sweden (1960-2015).

Development and Validation of a UHPLC-MS/MS-Based Method to Quantify Cenobamate in Human Plasma Samples.

Lamp1 Deficiency Enhances Sensitivity to α -Synuclein and Oxidative Stress in *Drosophila* Models of Parkinson Disease.

The synergy of β amyloid 1-42 and oxidative stress in the development of Alzheimer's disease-like neurodegeneration of hippocampal cells.

Treatment with Amniotic Fluid Stem Cell Extracellular Vesicles Promotes Fetal Lung Branching and Cell Differentiation at Canalicular and Saccular Stages in Experimental Pulmonary Hypoplasia Secondary to Congenital Diaphragmatic Hernia.

Carbamylation of Î²2-glycoprotein I generates new autoantigens for antiphospholipid syndrome: a new tool for diagnosis of 'seronegative' patients.

Severe methyl bromide poisoning causing early acute renal failure and anuria: a case report.

Comparative plasma metabolomic analysis to identify biomarkers for lead-induced cognitive impairment.

Post hoc analysis of a phase 3 study for treatment of uncontrolled focal seizures: Adjunctive cenobamate dose and seizure reduction by baseline seizure frequency.

Physicochemical and microbiological stability of insulin eye drops in an artificial tear vehicle used in the treatment of refractory neurotrophic keratopathy.

Transcriptomics analysis of human iPSC-derived dopaminergic neurons reveals a novel model for sporadic Parkinson's disease.

Histopathological and immunohistochemical evaluation for detecting changes in blood hormone levels caused by endocrine disruptors in a 28-day repeated-dose study in rats.

Urinary organic acids spectra in children with altered gut microbiota composition and autistic spectrum disorder.

Damaged DNA Is an Early Event of Neurodegeneration in Induced Pluripotent Stem Cell-Derived Motoneurons with UBQLN2(P497H) Mutation.

Trace Element Interactions, Inflammatory Signaling, and Male Sex Implicated in Reduced Growth Following Excess Oral Iron Supplementation in Pre-Weanling Rats.

The Autism Spectrum Disorder-Associated Bacterial Metabolite p-Cresol Derails the Neuroimmune Response of Microglial Cells Partially via Reduction of ADAM17 and ADAM10.

The SH-SY5Y human neuroblastoma cell line, a relevant in vitro cell model for investigating neurotoxicology in human: Focus on organic pollutants.

Long-term effects of defoliant exposure on brain atrophy progression in humans.

Perinatal arsenic exposure-induced sustained microglial activation leads to impaired cognitive response in BALB/c mice.

Onset of efficacy and adverse events during Cenobamate titration period.

Ameliorative role of inducible nitric oxide synthase inhibitors against sodium arsenite-induced renal and hepatic dysfunction in rats.

Efficacy of cenobamate for uncontrolled focal seizures in patients with previous epilepsy-related surgery: Post hoc analysis of a phase 3, multicenter, open-label study.

Characterization of Developmental Neurobehavioral Toxicity in a Zebrafish MPTP-Induced Model: A Novel Mechanism Involving Anemia.

MRI Spectrum of Toxic Encephalopathy-An Institutional Experience.

Efficacy of cenobamate by focal seizure subtypes: Post-hoc analysis of a phase 3, multicenter, open-label study.

Association of prenatal exposure to dioxin-like compounds, polychlorinated biphenyl, and methylmercury with event-related brain potentials in school-aged children: The Hokkaido study.

Radiosynthesis and characterization of a carbon-11 PET tracer for receptor-interacting protein kinase 1.

Prognostic value of neutrophil to lymphocyte ratio in the diagnosis of neurotoxicity after glufosinate ammonium poisoning.

A Proof-of-Concept Electrochemical Cytosensor Based on Chlamydomonas reinhardtii Functionalized Carbon Black Screen-Printed Electrodes: Detection of Escherichia coli in Wastewater as a Case Study.

AhR Activation Leads to Attenuation of Murine Autoimmune Hepatitis: Single-Cell RNA-Seq Analysis Reveals Unique Immune Cell Phenotypes and Gene Expression Changes in the Liver.

Integration of toxicodynamic and toxicokinetic new approach methods into a weight-of-evidence analysis for pesticide developmental neurotoxicity assessment: A case-study with DL- and L-glufosinate.

Occupational exposures to pesticides and other chemicals: a New Zealand motor neuron disease case-control study.

The associations of prenatal exposure to dioxins and polychlorinated biphenyls with neurodevelopment at 6 Months of age: Multi-pollutant approaches.

Supercomplex supercomplexes: Raison d'etre and functional significance of supramolecular organization in oxidative phosphorylation.

[Effect of panlong needling at Jiaji (EX-B 2) on motor dysfunction in patients with Parkinson's disease of liver and kidney deficiency: a randomized controlled trial].

Kunitz-Type Peptides from Sea Anemones Protect Neuronal Cells against Parkinson's Disease Inductors via Inhibition of ROS Production and ATP-Induced P2X7 Receptor Activation.

Gut-derived bacterial toxins impair memory CD4+ T cell mitochondrial function in HIV-1 infection.

The metabolite p-cresol impairs dendritic development, synaptogenesis, and synapse function in hippocampal neurons: Implications for autism spectrum disorder.

Redox-dependent loss of flavin by mitochondria complex I is different in brain and heart.

Clostridioides difficile Infection Dysregulates Brain Dopamine Metabolism.

Bacterial neurotoxic metabolites in multiple sclerosis cerebrospinal fluid and plasma.

Curcumin Facilitates Aryl Hydrocarbon Receptor Activation to Ameliorate Inflammatory Astrogliosis.

Phenoxyaromatic Acid Analogues as Novel Radiotherapy Sensitizers: Design, Synthesis and Biological Evaluation.

Inhibition of neurite outgrowth and enhanced effects compared to baseline toxicity in SH-SY5Y cells.

A Phase 1 Clinical Study Evaluating the Effects of Cenobamate on the QT Interval.

Initial Real-World Experience With Cenobamate in Adolescents and Adults: A Single Center Experience.

Lactic acid bacteria feeding reversed the malformed eye structures and ameliorated gut microbiota profiles of *Drosophila melanogaster* Alzheimer's disease model.

Arsenic alters nitric oxide signaling similar to autism spectrum disorder and Alzheimer's disease-associated mutations.

Nontoxic Metal-Free Visible Light-Responsive Carbon Nitride Quantum Dots Cause Oxidative Stress and Cancer-Specific Membrane Damage.

Monomeric C-Reactive Protein: Current Perspectives for Utilization and Inclusion as a Prognostic Indicator and Therapeutic Target.

Application of neurotoxin- and pesticide-induced animal models of Parkinson's disease in the evaluation of new drug delivery systems.

Iron contributes to photoreceptor degeneration and Müller glia proliferation in the zebrafish light-treated retina.

Tryptophan Metabolites Regulate Neuropentraxin 1 Expression in Endothelial Cells.

Natural Dietary Compound Xanthohumol Regulates the Gut Microbiota and Its Metabolic Profile in a Mouse Model of Alzheimer's Disease.

Bis-Amiridines as Acetylcholinesterase and Butyrylcholinesterase Inhibitors: N-Functionalization Determines the Multitarget Anti-Alzheimer's Activity Profile.

Acute Dyspnea and Hemoptysis in an 84-Year-Old Man With Multiple Comorbidities.

Chemically induced models of Parkinson's disease.

p-Cresyl Sulfate Predicts Ischemic Stroke among Patients on Hemodialysis: A Prospective Cohort Study.

An Electrochemiluminescence Biosensor for the Detection of Alzheimer's Tau Protein Based on Gold Nanostar Decorated Carbon Nitride Nanosheets.

Impact of Uremic Toxins on Endothelial Dysfunction in Chronic Kidney Disease: A Systematic Review.

Quantification of Very-Long-Chain and Branched-Chain Fatty Acids in Plasma by Liquid Chromatography-Tandem Mass Spectrometry.

Minocycline improves the functional recovery after traumatic brain injury via inhibition of aquaporin-4.

Indirect treatment comparison of cenobamate to other ASMs for the treatment of uncontrolled focal seizures.

Long-term individual retention with cenobamate in adults with focal seizures: Pooled data from the clinical development program.

Gut mobilization improves behavioral symptoms and modulates urinary p-cresol in chronically constipated autistic children: A prospective study.

How to Optimize the Effectiveness and Safety of Parkinson's Disease Therapy? - A Systematic Review of Drugs Interactions with Food and Dietary Supplements.

CRISPR-Cas9-mediated knockout of CYP79D1 and CYP79D2 in cassava attenuates toxic cyanogen production.

Acrolein-inducing ferroptosis contributes to impaired peripheral neurogenesis in zebrafish.

Roundup in the Reproduction of Crucian Carp (*Carassius carassius*): An In Vitro Effect on the Pituitary Gland and Ovary.

Mitochondrial uncoupler DNP induces coexistence of dual-state hyper-energy metabolism leading to tumor growth advantage in human glioma xenografts.

Treatment with MDL 72527 Ameliorated Clinical Symptoms, Retinal Ganglion Cell Loss, Optic Nerve Inflammation, and Improved Visual Acuity in an Experimental Model of Multiple Sclerosis.

Amide-functionalized 1,2,4-Triazol-5-amines as Covalent Inhibitors of Blood Coagulation Factor XIIa and Thrombin.

Surface Functionalization Strategies of Polystyrene for the Development Peptide-Based Toxin Recognition.

Prediction of In vitro organogenesis of *Bacopa monnieri* using artificial neural networks and regression models.

Structure and biological evaluation of *Caenorhabditis elegans* CISD-1/mitoNEET, a KLP-17 tail domain homologue, supports attenuation of paraquat-induced oxidative stress through a p38 MAPK-mediated antioxidant defense response.

Exposure to pyrazosulfuron-ethyl induces immunotoxicity and behavioral abnormalities in zebrafish embryos.

Toxic effects of pesticides on cellular and humoral immunity: an overview.

Proper modulation of AHR signaling is necessary for establishing neural connectivity and oligodendrocyte precursor cell development in the embryonic zebrafish brain.

Monitoring Mixture Effects of Neurotoxicants in Surface Water and Wastewater Treatment Plant Effluents with Neurite Outgrowth Inhibition in SH-SY5Y Cells.

Comparative Biochemical Profiling of Aluminum Chloride and Sodium Azide Induced Neuroinflammation and Cardiometabolic Disturbance.

Diffusion-Weighted Imaging for Detecting Glufosinate Ammonium Intoxication: A Case Report.

Reduced acute functional tolerance and enhanced preference for ethanol in *Caenorhabditis elegans* exposed to lead during development: Potential role of alcohol dehydrogenase.

The formation mechanisms of key flavor substances in stinky tofu brine based on metabolism of aromatic amino acids.

Assessing the colonization by *Daphnia magna* of pesticide-disturbed habitats (chlorpyrifos, terbuthylazine and their mixtures) and the behavioral and neurotoxic effects.

The Role of Acrolein in Neurodegenerative Diseases and Its Protective Strategy.

Ryanodine receptor-active non-dioxin-like polychlorinated biphenyls cause neurobehavioral deficits in larval zebrafish.

Idiopathic unilateral third nerve palsy with pupillary sparing in 10-year-old child -a case report.

The 28-day repeated arsenic exposure increases tau phosphorylation in the rat brain.

Lethal diquat poisoning manifests as acute central nervous system injury and circulatory failure: A retrospective cohort study of 50 cases.

Systematic identification of molecular mechanisms for aryl hydrocarbon receptor mediated neuroblastoma cell migration.

Study of the memory effect of PCDD/F during the combustion of several biomasses in a moving grate boiler.

Bergenin ameliorates cognitive deficits and neuropathological alterations in sodium azide-induced experimental dementia.

Efficacy of kangfuxin liquid on radiotherapy-induced oral mucositis for patients with head and neck squamous cell carcinoma and its effect on salivary glands and immune function.

Neuroprotective effects of crocin and crocin-loaded niosomes against the paraquat-induced oxidative brain damage in rats.

Protection against Paraquat-Induced Oxidative Stress by Curcuma longa Extract-Loaded Polymeric Nanoparticles in Zebrafish Embryos.

Dose Dependent Effects of *Breynia cernua* Against the Paraquat Induced Parkinsonism like Symptoms in Animals' Model: In Vitro, In Vivo and Mechanistic Studies.

Altered levels of variant cholinesterase transcripts contribute to the imbalanced cholinergic signaling in Alzheimer's and Parkinson's disease.

Single-cell analysis of gene expression in the substantia nigra pars compacta of a pesticide-induced mouse model of Parkinson's disease.

Borax relieved the acrylamide-induced hematotoxic, hepatotoxic, immunotoxic and genotoxic damages in rainbow trout by regulating apoptosis and Nrf2 signaling pathway.

The toxicological profile of polychlorinated naphthalenes (PCNs).

Life Cycle Exposure to Cyhalofop-Butyl Induced Reproductive Toxicity in Zebrafish.

Chronic atrazine exposure increases the expression of genes associated with GABAergic and glutamatergic systems in the brain of male albino rat.

Adult health and transition stage-specific rotenone-mediated *Drosophila* model of Parkinson's disease: Impact on late-onset neurodegenerative disease models.

Neurotoxicity Assessment of Four Different Pesticides Using In Vitro Enzymatic Inhibition Assays.

Mild pentachlorophenol-mediated uncoupling of mitochondria depletes ATP but does not cause an oxidized redox state or dopaminergic neurodegeneration in *Caenorhabditis elegans*.

Effects of three surfactants on the degradation and environmental risk of metolachlor in aquatic environment.

Beta-glucan effects on 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity in liver and brain.

Boron Compounds Exhibit Protective Effects against Aluminum-Induced Neurotoxicity and Genotoxicity: In Vitro and In Vivo Study.

An Investigation of the Neurotoxic Effects of Malathion, Chlorpyrifos, and Paraquat to Different Brain Regions.

Genetic background modulates the sensitivity of *Caenorhabditis elegans* to the toxic effects of vehicular air pollution.

Field mixtures of currently used pesticides in agricultural soil pose a risk to soil invertebrates.

Insights into the day-night sources and optical properties of coastal organic aerosols in southern China.

Aryl Hydrocarbon Receptor (AhR)-Mediated Signaling in iPSC-Derived Human Motor Neurons.

Borax exerts protective effect against ferrocene-induced neurotoxicity in *Oncorhynchus mykiss*.

[2]Rotaxane as a switch for molecular electronic memory application: A molecular dynamics study.

Critical role of mitochondrial aldehyde dehydrogenase 2 in acrolein sequestering in rat spinal cord injury.

Chronic Effects of Dietary Pesticides on the Gut Microbiome and Neurodevelopment.

Automated Cardiac Chamber Size and Cardiac Physiology Measurement in Water Fleas by U-Net and Mask RCNN Convolutional Networks.

Outcome of the first survey of atrazine in drinking water from Ijebu-North, South-West, Nigeria: Human health risk and neurotoxicological implications.

Effects of the Herbicide Atrazine on Crustacean Reproduction. Mini-Review.

Presenilin Deficiency Increases Susceptibility to Oxidative Damage in Fibroblasts.

Dietary High Dose of Iron Aggravates the Intestinal Injury but Promotes Intestinal Regeneration by Regulating Intestinal Stem Cells Activity in Adult Mice With Dextran Sodium Sulfate-Induced Colitis.

Oxidative Stress Protection by Canary Seed (*Phalaris canariensis* L.) Peptides in Caco-2 Cells and *Caenorhabditis elegans*.

Effect of cyanocobalamin (vitamin B12) on paraquat-induced brain injury in mice.

Immobilization stress exacerbates arsenic-induced reprotoxic effects in adult rats.

A glyphosate-based herbicide disrupted hematopoiesis and induced organ toxicities, ameliorated by vitamin B(12) in a mouse model.

New insights into arsenic, lead, and iron neurotoxicity: Activation of MAPK signaling pathway and oxidative stress.

The Anti-CGRP Antibody Fremanezumab Lowers CGRP Release from Rat Dura Mater and Meningeal Blood Flow.

AM1241-Loaded Poly(ethylene glycol)-Dithiothreitol Hydrogel Repairs Cranial Bone Defects by Promoting Vascular Endothelial Growth Factor and COL-1 Expression.

Investigating the Role of Spermidine in a Model System of Alzheimer's Disease Using Correlative Microscopy and Super-resolution Techniques.

Developmental Neurotoxicity and Behavioral Screening in Larval Zebrafish with a Comparison to Other Published Results.

In Vivo Estimation of the Biological Effects of Endocrine Disruptors in Rabbits after Combined and Long-Term Exposure: Study Protocol.

Distinct Epithelial Cell Profiles in Normal Versus Induced-Congenital Diaphragmatic Hernia Fetal Lungs.

Toxic Exposure to Endocrine Disruptors Worsens Parkinson's Disease Progression through NRF2/HO-1 Alteration.

Clinical characteristics, treatment and outcomes of acute propanil poisoning in a 7-year retrospective cohort study.

Novel Imidazole Phenoxyacetic Acids as Inhibitors of USP30 for Neuroprotection Implication via the Ubiquitin-Rho-110 Fluorometric Assay: Design, Synthesis, and In Silico and Biochemical Assays.

Evaluation of the Acute Effects of Arsenic on Adults of the Neotropical Native Fish *Cnesterodon decemmaculatus* Using a Set of Biomarkers.

Enhanced bioremediation of RDX and Co-Contaminants perchlorate and nitrate using an anaerobic dehalogenating consortium in a fractured rock aquifer.

Anxiety and Gene Expression Enhancement in Mice Exposed to Glyphosate-Based Herbicide.

Perinatal Dioxin Exposure and Attention Deficit Hyperactivity Disorder (ADHD) Symptoms in Children Living in a Dioxin Contamination Hotspot in Vietnam.

Cytotoxic effects of Roundup Classic and its components on NE-4C and MC3T3-E1 cell lines determined by biochemical and flow cytometric assays.

Atrazine and Diuron Effects on Survival, Embryo Development, and Behavior in Larvae and Adult Zebrafish.

Polyphenolic Compounds from *Lespedeza bicolor* Protect Neuronal Cells from Oxidative Stress.

Agent Orange Reviewed: Potential Role in Peripheral Neuropathy and Neurodegeneration.

Kidney and lung injury in rats following acute diquat exposure.

JAK2/STAT3 pathway regulates microglia polarization involved in hippocampal inflammatory damage due to acute paraquat exposure.

Dermal Exposure to Hazardous Chemicals in Baby Diapers: A Re-Evaluation of the Quantitative Health Risk Assessment Conducted by The French Agency for Food, Environmental and Occupational Health and Safety (ANSES).

Membrane Hormone Receptors and Their Signaling Pathways as Targets for Endocrine Disruptors.

Effect of Perinatal Dioxin Exposure Originating from Agent Orange on Gaze Behavior in 3-Year-Old Children Living in the Most Dioxin-Contaminated Areas in Vietnam.

A Critical Review of Zebrafish Models of Parkinson's Disease.

NMR Spectroscopy Identifies Chemicals in Cigarette Smoke Condensate That Impair Skeletal Muscle Mitochondrial Function.

Is the Use of Glyphosate in Modern Agriculture Resulting in Increased Neuropsychiatric Conditions Through Modulation of the Gut-brain-microbiome Axis?

Disulfiram Produces Potent Anxiolytic-Like Effects Without Benzodiazepine Anxiolytics-Related Adverse Effects in Mice.

Genome-wide alteration of histone methylation profiles associated with cognitive changes in response to developmental arsenic exposure in mice.

Efficacy and safety of adjunctive cenobamate: Post-hoc analysis of study C017 in patients grouped by mechanism of action of concomitant antiseizure medications.

Gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin primes cortical microglia to tissue injury.

Genetic algorithm (GA) - Artificial neural network (ANN) modeling for the emission rates of toxic volatile organic compounds (VOCs) emitted from landfill working surface.

Effects of the L-tyrosine-derived bacterial metabolite p-cresol on colonic and peripheral cells.

Nitroxyl Delivered by Angeli's Salt Causes Short-Lasting Activation Followed by Long-Lasting Deactivation of Meningeal Afferents in Models of Headache Generation.

Pharmacological Inhibition of Spermine Oxidase Suppresses Excitotoxicity Induced Neuroinflammation in Mouse Retina.

Potential neurotoxicity, immunotoxicity, and carcinogenicity induced by metribuzin and tebuconazole exposure in earthworms (*Eisenia fetida*) revealed by transcriptome analysis.

Geospatial Distribution of Age-Adjusted Incidence of the Three Major Types of Pediatric Cancers and Waterborne Agrichemicals in Nebraska.

Altered transsulfuration pathway enzymes and redox homeostasis in inherited retinal degenerative diseases.

Liver-specific decrease in Tff3 gene expression in infant mice perinatally exposed to 2,3,7,8-tetrabromodibenzofuran or 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Optical coherence tomography as an alternative tool for evaluating the effects of glyphosate on hybrid catfish (*Clarias gariepinus* × *Clarias macrocephalus*).

Algae and Their Metabolites as Potential Bio-Pesticides.

Rare co-inherited alpha-thalassemia minor and beta-thalassemia minor with heterozygous H63D mutation mistaken as iron deficiency anemia: a case report.

Calycosin Alleviates Paraquat-Induced Neurodegeneration by Improving Mitochondrial Functions and Regulating Autophagy in a *Drosophila* Model of Parkinson's Disease.

Alkaline Diuresis as Treatment for 2,4-D Dimethylamine Herbicide Intoxication.

Glutathione protects against the meiotic defects of ovine oocytes induced by arsenic exposure via the inhibition of mitochondrial dysfunctions.

TCDD Inhibition of IgG1 Production in Experimental Autoimmune Encephalomyelitis (EAE) and In Vitro.

Naltrexone Transport by a Proton-Coupled Organic Cation Antiporter in hCMEC/D3 Cells, an in Vitro Human Blood-Brain Barrier Model.

Gut neurotoxin p-cresol induces brain-derived neurotrophic factor secretion and increases the expression of neurofilament subunits in PC-12 cells.

A direct and simple immobilization route for immunosensors by CNBr activation for covalent attachment of anti-leptin: obesity diagnosis point of view.

Effects of glufosinate-ammonium on male reproductive health: Focus on epigenome and transcriptome in mouse sperm.

Bioaccumulation, metabolism and endocrine-reproductive effects of metolachlor and its S-enantiomer in adult zebrafish (*Danio rerio*).

Soybean isoflavones protect SH-SY5Y neurons from atrazine-induced toxicity by activating mitophagy through stimulation of the BEX2/BNIP3/NIX pathway.

Effects of Pesticides on Longevity and Bioenergetics in Invertebrates-The Impact of Polyphenolic Metabolites.

Naringenin alleviates paraquat-induced dopaminergic neuronal loss in SH-SY5Y cells and a rat model of Parkinson's disease.

Multigeneration toxicity of Geunsami[®] (a glyphosate-based herbicide) to *Allonychiurus kimi* (Lee) (*Collembola*) from sub-individual to population levels.

Increasing cassava root yield on farmers' fields in Nigeria through appropriate weed management.

Chaperon-mediated autophagy can regulate diquat-induced apoptosis by inhibiting α -synuclein accumulation cooperatively with macroautophagy.

Pesticides applied to crops and amyotrophic lateral sclerosis risk in the U.S.

LncRNA MIAT Inhibits MPP(+)-Induced Neuronal Damage Through Regulating the miR-132/SIRT1 Axis in PC12 Cells.

Long Noncoding RNA NEAT1 Knockdown Ameliorates 1-Methyl-4-Phenylpyridine-Induced Cell Injury Through MicroRNA-519a-3p/SP1 Axis in Parkinson Disease.

Effects of 2,4-dichlorophenoxyacetic acid on the expression of NLRP3 inflammasome and autophagy-related proteins as well as the protective effect of *Lycium barbarum* polysaccharide in neonatal rats.

Berberine Attenuates MPP(+)-Induced Neuronal Injury by Regulating LINC00943/miR-142-5p/KPNA4/NF- κ B Pathway in SK-N-SH Cells.

Paraquat-induced oxidative stress regulates N6-methyladenosine (m⁶A) modification of circular RNAs.

A subchronic low-dose exposure of a glyphosate-based herbicide induces depressive and anxious-like behavior in mice: quercetin therapeutic approach.

Acute exposition to Roundup Transorb[®] induces systemic oxidative stress and alterations in the expression of newly sequenced genes in silverside fish (*Odontesthes humensis*).

An integrated host-microbiome response to atrazine exposure mediates toxicity in *Drosophila*.

Atrazine Inhalation Worsen Pulmonary Fibrosis Regulating the Nuclear Factor-Erythroid 2-Related Factor (Nrf2) Pathways Inducing Brain Comorbidities.

Review: Mechanisms of Glyphosate and Glyphosate-Based Herbicides Action in Female and Male Fertility in Humans and Animal Models.

Thioredoxin-1 mediates neuroprotection of Schisanhenol against MPP(+)-induced apoptosis via suppression of ASK1-P38-NF- κ B pathway in SH-SY5Y cells.

Atrazine intoxication in cattle, confirmed by gas chromatography-mass spectrometry.

Bacopaside-I Alleviates the Detrimental Effects of Acute Paraquat Intoxication in the Adult Zebrafish Brain.

Conjugated linoleic acid protects brain mitochondrial function in acrolein induced male rats.

Chronic Exposure to Paraquat Induces Alpha-Synuclein Pathogenic Modifications in *Drosophila*.

Farmers' Knowledge, Attitudes, and Perceptions Regarding Carcinogenic Pesticides in Fez Meknes Region (Morocco).

Biomarkers of exposure and effect in the armoured catfish *Hoplosternum littorale* during a rice production cycle.

Functional roles of polyamines and their metabolite acrolein in eukaryotic cells.

Activation of Nrf2 by methylene blue is associated with the neuroprotection against MPP(+) induced toxicity via ameliorating oxidative stress and mitochondrial dysfunction.

Melatonin Increases Life Span, Restores the Locomotor Activity, and Reduces Lipid Peroxidation (LPO) in Transgenic Knockdown Parkin *Drosophila melanogaster* Exposed to Paraquat or Paraquat/Iron.

Short exposure to glyphosate induces locomotor, craniofacial, and bone disorders in zebrafish (*Danio rerio*) embryos.

Co-formulants and adjuvants affect the acute aquatic and terrestrial toxicity of a cycloxydim herbicide formulation to European common frogs (*Rana temporaria*).

Improving pollutants environmental risk assessment using a multi model toxicity determination with in vitro, bacterial, animal and plant model systems: The case of the herbicide alachlor.

Neuroprotective Effect of 1,4-Naphthoquinones in an In Vitro Model of Paraquat and 6-OHDA-Induced Neurotoxicity.

Paraquat-induced cholesterol biosynthesis proteins dysregulation in human brain microvascular endothelial cells.

Perinatal exposure to a glyphosate-based herbicide causes dysregulation of dynorphins and an increase of neural precursor cells in the brain of adult male rats.

Does paraquat cause Parkinson's disease? A review of reviews.

Transient glyphosate encephalopathy due to a suicide attempt.

Effects of sulfometuron-methyl on zebrafish at early developmental stages.

The effect of *Zataria multiflora* hydroalcoholic extract on memory and lung changes induced by rats that inhaled paraquat.

Neuroprotection against 1-Methyl-4-phenylpyridinium-induced cytotoxicity by naturally occurring polydatin through activation of transcription factor MEF2D.

Protective Activity of Aspirin Eugenol Ester on Paraquat-Induced Cell Damage in SH-SY5Y Cells.

Evaluation of atrazine neurodevelopment toxicity in vitro-application of hESC-based neural differentiation model.

Effect of atrazine on accumulation of iron via the iron transport proteins in the midbrain of SD rats.

Roles of Bak and Sirt3 in Paraquat-Induced Cochlear Hair Cell Damage.

Atrazine Inhalation Causes Neuroinflammation, Apoptosis and Accelerating Brain Aging.

The Development and Evaluation of Brain and Heart Cell Lines from a Marine Fish for Use in Xenobiotic-Induced Cytotoxicity Testing.

N-acetylcysteine is more effective than ellagic acid in preventing acrolein induced dysfunction in mitochondria isolated from rat liver.

Paraquat induces redox imbalance and disrupts glutamate and energy metabolism in the hippocampus of prepubertal rats.

Physiological effects of the interaction between *Nosema ceranae* and sequential and overlapping exposure to glyphosate and difenoconazole in the honey bee *Apis mellifera*.

Exposure to multiple pesticides and neurobehavioral outcomes among smallholder farmers in Uganda.

Inflammatory state and autism-like behavioral phenotype of offspring induced by maternal exposure to low-dose chemical mixtures during pregnancy in mice.

Possible effects of agent orange and posttraumatic stress disorder on hyperglycemia in Korean veterans from the US-Vietnam war.

Perinatal exposure to low doses of glyphosate-based herbicide combined with a high-fat diet in adulthood causes changes in the jejunums of mice.

Acrolein-conjugated proteomics in brains of adult C57BL/6 mice chronically exposed to acrolein and aged APP/PS1 transgenic AD mice.

Neuroprotective effect of selumetinib on acrolein-induced neurotoxicity.

Cytoprotective Activity of p-Terphenyl Polyketides and Flavuside B from Marine-Derived Fungi against Oxidative Stress in Neuro-2a Cells.

Associations between pesticide mixtures applied near home during pregnancy and early childhood with adolescent behavioral and emotional problems in the CHAMACOS study.

Isorhynchophylline ameliorates paraquat-induced acute kidney injury by attenuating oxidative stress and mitochondrial damage via regulating toll-interacting expression.

Glyphosate exposure induces synaptic impairment in hippocampal neurons and cognitive deficits in developing rats.

Evaluation and comparison of advanced oxidation processes for the degradation of 2,4-dichlorophenoxyacetic acid (2,4-D): a review.

Neurotoxin-Induced Rodent Models of Parkinson's Disease: Benefits and Drawbacks.

Identification of lncRNA expression profiles and analysis of ceRNA in the hippocampus of perinatal glyphosate-exposed mice.

Glyphosate-based herbicides affect behavioural patterns of the livebearer *Jenynsia multidentata*.

Intergenerational thyroid hormone homeostasis imbalance in cerebellum of rats perinatally exposed to glyphosate-based herbicide.

The hepatotoxicity of atrazine exposure in mice involves the intestinal microbiota.

Embryonic atrazine exposure and later in life behavioral and brain transcriptomic, epigenetic, and pathological alterations in adult male zebrafish.

Temperature and Aging Affect Glyphosate Toxicity and Fatty Acid Composition in *Allonychiurus kimi* (Lee) (Collembola).

Ubiquinone Metabolism and Transcription HIF-1 Targets Pathway Are Toxicity Signature Pathways Present in Extracellular Vesicles of Paraquat-Exposed Human Brain Microvascular Endothelial Cells.

Analysis of Biomechanical Parameters of Muscle Soleus Contraction and Blood Biochemical Parameters in Rat with Chronic Glyphosate Intoxication and Therapeutic Use of C(60) Fullerene.

Developmental atrazine exposure in zebrafish produces the same major metabolites as mammals along with altered behavioral outcomes.

Genetic basis of susceptibility to low-dose paraquat and variation between the sexes in *Drosophila melanogaster*.

Chronic ciprofloxacin and atrazine co-exposure aggravates locomotor and exploratory deficits in non-target detritivore speckled cockroach (*Nauphoeta cinerea*).

Suppression of tau-induced phenotypes by vitamin E demonstrates the dissociation of oxidative stress and phosphorylation in mechanisms of tau toxicity.

An Experimental Approach to Study the Effects of Realistic Environmental Mixture of Linuron and Propamocarb on Zebrafish Synaptogenesis.

HFE H63D Limits Nigral Vulnerability to Paraquat in Agricultural Workers.

Reproductive activation in honeybee (*Apis mellifera*) workers protects against abiotic and biotic stress.

[The mechanism of HDAC6 in paraquat-induced autophagy dysfunction of dopaminergic neurons by mediating aggresome-autophagy-lysosomal pathway].

Sea Cucumber-Derived Peptides Alleviate Oxidative Stress in Neuroblastoma Cells and Improve Survival in *C. elegans* Exposed to Neurotoxic Paraquat.

Paraquat herbicide diminishes chemoreflex sensitivity, induces cardiac autonomic imbalance and impair cardiac function in rats.

Agent Orange Exposure and Dementia Diagnosis in US Veterans of the Vietnam Era.

Characterizing the protracted neurobiological and neuroanatomical effects of paraquat in a murine model of Parkinson's disease.

Paraquat-activated BV-2 microglia induces neuroinflammatory responses in the neuron model through NF- κ B signaling pathway.

Mitochondrial biochemical and histopathological defects induced by the herbicide pendimethalin in tilapia fish (*Oreochromis niloticus*).

A novel idea for establishing Parkinson's disease mouse model by intranasal administration of paraquat.

A mixture containing the herbicides Mesotrione and Atrazine imposes toxicological risks on workers of *Partamona helleri*.

Protection by rhynchophylline against MPTP/MPP(+)-induced neurotoxicity via regulating PI3K/Akt pathway.

Could Glyphosate and Glyphosate-Based Herbicides Be Associated With Increased Thyroid Diseases Worldwide?

Controversies on Endocrine and Reproductive Effects of Glyphosate and Glyphosate-Based Herbicides: A Mini-Review.

Clinical study and observation on the effect of hemoperfusion therapy treatment on central nervous system injury in patients with 2,4-dichlorophenoxyacetic acid poisoning.

Drp1-mediated mitochondrial fission contributes to mitophagy in paraquat-induced neuronal cell damage.

Differential impact of dose-range glyphosate on locomotor behavior, neuronal activity, gliocerebrovascular structures, and transcript regulations in zebrafish larvae.

Acetylcholinesterase (AChE) monoclonal antibody generation and validation for use as a biomarker of glyphosate-based herbicide exposure in commercial freshwater fish.

Glyphosate and aminomethylphosphonic acid (AMPA) residues in Brazilian honey.

Effects of glyphosate-based herbicide-contaminated diets on reproductive organ toxicity and hypothalamic-pituitary-ovarian axis hormones in weaned piglets.

Paraquat Inhalation, a Translationally Relevant Route of Exposure: Disposition to the Brain and Male-Specific Olfactory Impairment in Mice.

SOX21-AS1 modulates neuronal injury of MMP(+)-treated SH-SY5Y cells via targeting miR-7-5p and inhibiting IRS2.

Pre-differentiation exposure to low-dose of atrazine results in persistent phenotypic changes in human neuronal cell lines.

GardeninA confers neuroprotection against environmental toxin in a *Drosophila* model of Parkinson's disease.

A Phosphonate Natural Product Made by *Pantoea ananatis* is Necessary and Sufficient for the Hallmark Lesions of Onion Center Rot.

Protective effects of crimson snapper scales peptides against oxidative stress on *Drosophila melanogaster* and the action mechanism.

Huang Lian Jie Du Tang attenuates paraquat-induced mitophagy in human SH-SY5Y cells: A traditional decoction with a novel therapeutic potential in treating Parkinson's disease.

Environment permissible concentrations of glyphosate in drinking water can influence the fate of neural stem cells from the subventricular zone of the postnatal mouse.

Chaptalia nutans Polak: Root Extract Has High In Vitro Antioxidant Activity and Low Cytotoxicity In Vivo.

Changes in microtubule stability in zebrafish (*Danio rerio*) embryos after glyphosate exposure.

LncRNA XIST sponges miR-199a-3p to modulate the Sp1/LRRK2 signal pathway to accelerate Parkinson's disease progression.

The agrochemical S-metolachlor disrupts molecular mediators and morphology of the swim bladder: Implications for locomotor activity in zebrafish (*Danio rerio*).

Assessing single effects of sugarcane pesticides fipronil and 2,4-D on plants and soil organisms.

Melatonin alleviates the deterioration of oocytes and hormonal disorders from mice subjected to glyphosate.

Inflammatory lncRNA AK039862 regulates paraquat-inhibited proliferation and migration of microglial and neuronal cells through the Pafah1b1/Foxa1 pathway in co-culture environments.

Additional observations regarding glyphosate-based herbicides and developmental toxicity.

Reply to Reeves and Dunn: Risk for autism in offspring after maternal glyphosate exposure.

Neurotoxicity associated with chronic exposure to dichlorophenoxyacetic acid (2,4-D) - a simulation of environmental exposure in adult rats.

The protective function of taurine on pesticide-induced permanent neurodevelopmental toxicity in juvenile rats.

Glyphosate targets fish monoaminergic systems leading to oxidative stress and anxiety.

HSPB5 (β -crystallin) confers protection against paraquat-induced oxidative stress at the organismal level in a tissue-dependent manner.

Using benchmark dose modeling for the quantitative risk assessment: Carbon nanotubes, asbestos, glyphosate.

Fipronil and 2,4-D effects on tropical fish: Could avoidance response be explained by changes in swimming behavior and neurotransmission impairments?

Exposure to paraquat associated with periodontal disease causes motor damage and neurochemical changes in rats.

Life-threatening triclopyr poisoning due to diethylene glycol monoethyl ether solvent.

Carnosine quenches the reactive carbonyl acrolein in the central nervous system and attenuates autoimmune neuroinflammation.

pH-triggered small molecule nano-prodrugs emulsified from tryptamine-cinnamaldehyde twin drug for targeted synergistic glioma therapy.

Agent Orange Exposure and Dementia Diagnosis in US Veterans of the Vietnam Era.

Agent Orange Exposure and Dementia Diagnosis in US Veterans of the Vietnam Era-Reply.

Inhibition of NLRP3 inflammasome by glibenclamide attenuated dopaminergic neurodegeneration and motor deficits in paraquat and maneb-induced mouse Parkinson's disease model.

Biofunctional chemistry and reactivity of biogenic acrolein for cancer diagnosis and therapy.

Neuroprotective Effect of Cinnamaldehyde on Secondary Brain Injury After Traumatic Brain Injury in a Rat Model.

Antibiotics and Imiquimod for Cutaneous T-Cell Lymphoma in Veterans: A Patient Population with Agent Orange Exposure.

Psychosocial impairment following mild blast-induced traumatic brain injury in rats.

Celecoxib promotes survival and upregulates the expression of neuroprotective marker genes in two different in vitro models of Parkinson's disease.

ERK Phosphorylation Regulates the Aml1/Runx1 Splice Variants and the TRP Channels Expression during the Differentiation of Glioma Stem Cell Lines.

Acrolein Induces Systemic Coagulopathy via Autophagy-dependent Secretion of von Willebrand Factor in Mice after Traumatic Brain Injury.

Evaluation of Multiple Organ Dysfunction Score (MODS) and the Sequential Organ Failure Assessment (SOFA) score as in-hospital outcome predictors among cases of hydrogen cyanamide exposure: a cross-sectional study.

Ferritinophagy-Mediated Ferroptosis Involved in Paraquat-Induced Neurotoxicity of Dopaminergic Neurons: Implication for Neurotoxicity in PD.

[A case of glufosinate-ammonium poisoning in a patient with total gastrectomy].

[Four cases of acute diquat poisoning with prominent epileptoid seizure and literature review].

Mechanistic role of antioxidants in rescuing delayed gastric emptying in high fat diet induced diabetic female mice.

Protective effect of lutein against acrolein-induced ototoxicity in rats.

Acrolein scavenger dimercaprol offers neuroprotection in an animal model of Parkinson's disease: implication of acrolein and TRPA1.

Neuroprotective effects of pomegranate (*Punica granatum* L.) juice and seed extract in paraquat-induced mouse model of Parkinson's disease.

Esophagitis dissecans superficialis associated with acute transoral paraquat poisoning: Clinical study of 15 cases.

Application of Acrolein Imines to Organic Synthesis, Biofunctional Studies, and Clinical Practice.

Neuroprotective potential of cinnamon and its metabolites in Parkinson's disease: Mechanistic insights, limitations, and novel therapeutic opportunities.

[Progress in the study of pulmonary fibrosis signaling pathways caused by paraquat poisoning].

Taurine improves neuron injuries and cognitive impairment in a mouse Parkinson's disease model through inhibition of microglial activation.

Polyamine biomarkers as indicators of human disease.

Urinary Levels of the Acrolein Conjugates of Carnosine Are Associated with Cardiovascular Disease Risk.

An Unusual Case of Paraquat-Induced Rhabdomyolysis and Hepatic Injury Presenting With Takotsubo Cardiomyopathy.

The Keap1/Nrf2-ARE signaling pathway is involved in atrazine induced dopaminergic neurons degeneration via microglia activation.

Interconversion and Acrolein-Trapping Capacity of Cardamomin/Alpinetin and Their Metabolites In Vitro and In Vivo.

[Analysis of clinical characteristics and prognostic factors in 40 cases of acute glyphosate poisoning].

Inhibition of amyloid formation of amyloid β (1-42), amylin and insulin by 1,5-diazacyclooctanes, a spermine-acrolein conjugate.

Essential Oil-Based Bioherbicides: Human Health Risks Analysis.

The Herbicide Atrazine Potentiates Angiotensin II-Induced Aldosterone Synthesis and Release From Adrenal Cells.

A dual electro-optical biosensor based on *Chlamydomonas reinhardtii* immobilised on paper-based nanomodified screen-printed electrodes for herbicide monitoring.

Paraquat Treatment Compromises the Clearance of β -Amyloid and Tau Proteins and Induces Primary Hippocampal Neuronal Cell Death through HSP70, P20S, and TFEB Disruption.

DNA-SIP and repeated isolation corroborate *Variovorax* as a key organism in maintaining the genetic memory for linuron biodegradation in an agricultural soil.

Differential sensitivity of cinnamaldehyde-evoked calcium fluxes to ruthenium red in guinea pig and mouse trigeminal sensory neurons.

An Intensified Acrolein Exposure Can Affect Memory and Cognition in Rat.

Effects of perinatal dioxin exposure on neonatal electroencephalography (EEG) activity of the quiet sleep stage in the most contaminated area from Agent Orange in Vietnam.

Anti-*Enterococcus Faecalis*, Cytotoxicity, Phytotoxicity, and Anticancer Studies on *Clausena excavata* Burum. f. (Rutaceae) Leaves.

Effects of simazine and food deprivation chronic stress on energy allocation among the costly physiological processes of male lizards (*Eremias argus*).

Indaziflam sorption-desorption and its three metabolites from biochars- and their raw feedstock-amended agricultural soils using radiometric technique.

Efficacy of cenobamate for uncontrolled focal seizures: Post hoc analysis of a Phase 3, multicenter, open-label study.

Post hoc analysis of a phase 3, multicenter, open-label study of cenobamate for treatment of uncontrolled focal seizures: Effects of dose adjustments of concomitant antiseizure medications.

Cortical Synaptic Reorganization Under Chronic Arsenic Exposure.

Niclosamide affects intracellular TDP-43 distribution in motor neurons, activates mitophagy, and attenuates morphological changes under stress.

Chemical constituents and medicinal properties of *Allium* species.

Platelet autophagic machinery involved in thrombosis through a novel linkage of AMPK-MTOR to sphingolipid metabolism.

Carbohydrate Sulfation As a Mechanism for Fine-Tuning Siglec Ligands.

Neurons die with heightened but functional macro- and chaperone mediated autophagy upon increased amyloid- β induced toxicity with region-specific protection in prolonged intermittent fasting.

The Role of Iron and Zinc in the Treatment of ADHD among Children and Adolescents: A Systematic Review of Randomized Clinical Trials.

Polychlorinated environmental toxicants affect sphingolipid metabolism during neurogenesis in vitro.

Ameliorative role of rolipram, PDE-4 inhibitor, against sodium arsenite-induced vascular dementia in rats.

The protective effect of *Xanthoceras sorbifolia* Bunge husks on cognitive disorder based on metabolomics and gut microbiota analysis.

Analysis of cannabis seizures by non-targeted liquid chromatography-tandem mass spectrometry.

Discovery of a Potent and Selective JNK3 Inhibitor with Neuroprotective Effect Against Amyloid β -Induced Neurotoxicity in Primary Rat Neurons.

Practical guidance for the management of adults receiving adjunctive cenobamate for the treatment of focal epilepsy-expert opinion.

Combining in vitro assays and mathematical modelling to study developmental neurotoxicity induced by chemical mixtures.

Metabolomics profiling for identification of potential biomarkers in chickens infected with avian leukosis virus subgroup J (ALV-J).

Promising potential of boron compounds against Glioblastoma: In Vitro antioxidant, anti-inflammatory and anticancer studies.

Cardiac toxicity assessment of pendimethalin in zebrafish embryos.

Characteristics of arsenic species in cerebrospinal fluid (CSF) of acute promyelocytic leukaemia (APL) patients treated with arsenic trioxide plus mannitol.

Serum levels of polychlorinated biphenyls and stroke risk among Chinese: a hospital-based case-control study.

Transcriptome-based analysis of blood samples reveals elevation of DNA damage response, neutrophil degranulation, cancer and neurodegenerative pathways in Plasmodium falciparum patients.

YAP prevents premature senescence of astrocytes and cognitive decline of Alzheimer's disease through regulating CDK6 signaling.

Long-term safety of adjunctive cenobamate in patients with uncontrolled focal seizures: Open-label extension of a randomized clinical study.

The Pharmacology and Clinical Efficacy of Antiseizure Medications: From Bromide Salts to Cenobamate and Beyond.

A new insight into the role of aryl hydrocarbon receptor (AhR) in the migration of glioblastoma by AhR-IL24 axis regulation.

Mechanism of Gene-Environment Interactions Driving Glial Activation in Parkinson's Diseases.

Fluroxypyr-1-methylheptyl ester interferes with the normal embryogenesis of zebrafish by inducing apoptosis, inflammation, and neurovascular toxicity.

New perspective on the regulation of acetylcholinesterase via the aryl hydrocarbon receptor.

Is Cenobamate the Breakthrough We Have Been Wishing for?

Multi- and Transgenerational Outcomes of an Exposure to a Mixture of Endocrine-Disrupting Chemicals (EDCs) on Puberty and Maternal Behavior in the Female Rat.

Perspective on prenatal polychlorinated biphenyl exposure and the development of the progeny nervous system (Review).

Glutathione: An Old and Small Molecule with Great Functions and New Applications in the Brain and in Alzheimer's Disease.

Association Between Kidney Clearance of Secretory Solutes and Cardiovascular Events: The Chronic Renal Insufficiency Cohort (CRIC) Study.

The microbial metabolite p-Cresol induces autistic-like behaviors in mice by remodeling the gut microbiota.

Comparison of efficacy & safety of iron polymaltose complex & ferrous ascorbate with ferrous sulphate in pregnant women with iron-deficiency anaemia.

Efficacy and safety of cenobamate in patients with uncontrolled focal seizures: A meta-analysis.

Iron overload during the embryonic period develops hyperactive like behavior and dysregulation of biogenic amines in *Drosophila melanogaster*.

Metam sodium exposure during pregnancy and lactation in mice caused behavioral abnormalities and oxidative stress in offspring.

Gallic acid ameliorates sodium arsenite-induced renal and hepatic toxicity in rats.

Pharmacology of Cenobamate: Mechanism of Action, Pharmacokinetics, Drug-Drug Interactions and Tolerability.

Residential proximity to pesticide application as a risk factor for childhood central nervous system tumors.

Beverages containing *Lactobacillus paracasei* LC-37 improved functional dyspepsia through regulation of the intestinal microbiota and their metabolites.

Randomized Trial of Oral Iron and Diet Advice versus Diet Advice Alone in Young Children with Nonanemic Iron Deficiency.

TP53INP1 exerts neuroprotection under ageing and Parkinson's disease-related stress condition.

Multi-Nutrient Fortified Dairy-Based Drink Reduces Anaemia without Observed Adverse Effects on Gut Microbiota in Anaemic Malnourished Nigerian Toddlers: A Randomised Dose-Response Study.

Immunomorphological Changes in Neuronal and Non-Neuronal Structures in the Rat Intestine in a Toxin-Induced Model of Parkinsonism.

Effects of Low-Dose Gestational TCDD Exposure on Behavior and on Hippocampal Neuron Morphology and Gene Expression in Mice.

Neurobehavioral and neurochemical effects in rats offspring co-exposed to arsenic and fluoride during development.

Associations among total p-cresylsulfate, indoxyl sulfate and hippuric acid levels with hemodialysis quality indicators in maintenance hemodialysis patients.

Non-targeted metabolomics analyses by mass spectrometry to explore metabolic stress after six training weeks in high level swimmers.

Nutritional Intervention with Dried Bonito Broth for the Amelioration of Aggressive Behaviors in Children with Prenatal Exposure to Dioxins in Vietnam: A Pilot Study.

Postnatal Iron Supplementation with Ferrous Sulfate vs. Ferrous Bis-Glycinate Chelate: Effects on Iron Metabolism, Growth, and Central Nervous System Development in Sprague Dawley Rat Pups.

Coenzyme Q(10) protected against arsenite and enhanced the capacity of 2,3-dimercaptosuccinic acid to ameliorate arsenite-induced toxicity in mice.

Attenuation of growth hormone production at the fetal stage is critical for dioxin-induced developmental disorder in rat offspring.

Anti-seizure medications and efficacy against focal to bilateral tonic-clonic seizures: A systematic review with relevance for SUDEP prevention.

Inorganic arsenic induces sex-dependent pathological hypertrophy in the heart.

Environmental exposures and the etiopathogenesis of Alzheimer's disease: The potential role of BACE1 as a critical neurotoxic target.

"That's Not His Regular Formula": A Case of Organophosphate Poisoning in an Infant.

Regulation of Mitochondrial Function by Epac2 Contributes to Acute Inflammatory Hyperalgesia.

Thrombolome and Its Emerging Role in Chronic Kidney Diseases.

Peripheral nerve injury in patients exposed to n-hexane: an analysis of eight cases.

Effects of maternal exposure to arsenic on social behavior and related gene expression in F2 male mice.

Therapeutic potential of diosmin, a citrus flavonoid against arsenic-induced neurotoxicity via suppression of NOX 4 and its subunits.

The ups and downs of alkyl-carbamates in epilepsy therapy: How does cenobamate differ?

Impact of congenital diaphragmatic hernia on diaphragm muscle function in neonatal rats.

Mitochondria exert age-divergent effects on recovery from spinal cord injury.

Non-dioxin-like polychlorinated biphenyl neurotoxic equivalents found in environmental and human samples.

Cenobamate: Neuroprotective Potential of a New Antiepileptic Drug.

Attenuation of sodium arsenite-induced cardiotoxicity and neurotoxicity with the antioxidant, anti-inflammatory, and antiapoptotic effects of hesperidin.

Cenobamate: A New Adjunctive Agent for Drug-Resistant Focal Onset Epilepsy.

Neurobehavioural and cognitive effects of prenatal exposure to organochlorine compounds in three year old children.

The Role of Gut Bacterial Metabolites in Brain Development, Aging and Disease.

Proportionate mortality study of unionized maintenance of way railroad workers.

The aryl hydrocarbon receptor and the gut-brain axis.

Ameliorative role of bosentan, an endothelin receptor antagonist, against sodium arsenite-induced renal dysfunction in rats.

[Cenobamate-a new perspective for epilepsy treatment].

Pharmacological treatment of focal epilepsy in adults: an evidence based approach.

TCDD attenuates EAE through induction of FasL on B cells and inhibition of IgG production.

Novel tankyrase inhibitors suppress TDP-43 aggregate formation.

Gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice: Neurobehavioral effects on female offspring.

Adverse effects of iron deficiency anemia on pregnancy outcome and offspring development and intervention of three iron supplements.

Aryl Hydrocarbon Receptor and Dioxin-Related Health Hazards-Lessons from Yusho.

The impact of dextran sodium sulphate and probiotic pre-treatment in a murine model of Parkinson's disease.

An enriched biosignature of gut microbiota-dependent metabolites characterizes maternal plasma in a mouse model of fetal alcohol spectrum disorder.

Exposure of Environmental Contaminants and Development of Neurological Disorders.

Amniotic fluid metabolic fingerprinting indicated metabolites which may play a role in the pathogenesis of foetal Down syndrome - a preliminary report.

Carbon nitride-based nanocaptor: An intelligent nanosystem with metal ions chelating effect for enhanced magnetic targeting phototherapy of Alzheimer's disease.

A treatise on Organophosphate pesticide pollution: Current strategies and advancements in their environmental degradation and elimination.

Hypusination of Eif5a regulates cytoplasmic TDP-43 aggregation and accumulation in a stress-induced cellular model.

A protocol of situation-dependent transfusion, erythropoietin and tranexamic acid reduces transfusion in fronto-orbital advancement for metopic and coronal craniosynostosis.

Synergistic properties of bioavailable phenolic compounds from olive oil: electron transfer and neuroprotective properties.

Glufosinate-Ammonium Induced Aberrant Histone Modifications in Mouse Sperm Are Concordant With Transcriptome in Preimplantation Embryos.

Revising the Role of Cortical Cytoskeleton during Secretion: Actin and Myosin XI Function in Vesicle Tethering.

Correction to: Orally delivered water soluble coenzyme Q10 (Ubisol-Q10) blocks on-going neurodegeneration in rats exposed to paraquat: potential for therapeutic application in Parkinson's disease.

Overexpression of CERKL Protects Retinal Pigment Epithelium Mitochondria from Oxidative Stress Effects.

Alterations in Regional Brain Regional Volume Associated with Dioxin Exposure in Men Living in the Most Dioxin-Contaminated Area in Vietnam: Magnetic Resonance Imaging (MRI) Analysis Using Voxel-Based Morphometry (VBM).

Neurological Sequela of Acute Pesticide Poisoning Among Adults in Central Taiwan.

Parental Pesticide Exposure and Childhood Brain Cancer: A Systematic Review and Meta-Analysis Confirming the IARC/WHO Monographs on Some Organophosphate Insecticides and Herbicides.

Unmanned Aerial System-Based Weed Mapping in Sod Production Using a Convolutional Neural Network.

Formation of Cytoplasmic Actin-Cofilin Rods is Triggered by Metabolic Stress and Changes in Cellular pH.

Exposure to acetochlor impairs swim bladder formation, induces heat shock protein expression, and promotes locomotor activity in zebrafish (*Danio rerio*) larvae.

Paraquat Toxicogenetics: Strain-Related Reduction of Tyrosine Hydroxylase Staining in Substantia Nigra in Mice.

The Role of Bacterial-Derived Aromatic Amino Acids Metabolites Relevant in Autism Spectrum Disorders: A Comprehensive Review.

Provision of folic acid for reducing arsenic toxicity in arsenic-exposed children and adults.

Effects of perinatal dioxin exposure on mirror neuron activity in 9-year-old children living in a hot spot of dioxin contamination in Vietnam.

Comparing the Invertebrate Communities and the Decomposition Dynamics Between Dead Native and Non-Native Trees in a Seasonal Everglades Wetland.

REPRODUCTIVE TOXICOLOGY: Impact of endocrine disruptors on neurons expressing GnRH or kisspeptin and pituitary gonadotropins.

Low-Dose Cyclophosphamide Induces Nerve Injury and Functional Overactivity in the Urinary Bladder of Rats.

Absence of prostacyclin greatly relieves cyclophosphamide-induced cystitis and bladder pain in mice.

Bone toxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and the retinoid system: A causality analysis anchored in osteoblast gene expression and mouse data.

Arsenic disrupts neuronal insulin signaling through increasing free PI3K-p85 and decreasing PI3K activity.

A Novel Supplement Attenuates Oxidative Stress-Induced TDP-43-Related Pathogenesis in TDP-43-Expressed Cells.

[Vigilance against a highly lethal insecticide chlorfenapyr poisoning (report of 4 cases and literature review)].

The AST-120 Recovers Uremic Toxin-Induced Cognitive Deficit via NLRP3 Inflammasome Pathway in Astrocytes and Microglia.

Binary Dye Removal from Simulated Wastewater Using Reduced Graphene Oxide Loaded with Fe-Cu Bimetallic Nanocomposites Combined with an Artificial Neural Network.

The use of biomarkers associated with leaky gut as a diagnostic tool for early intervention in autism spectrum disorder: a systematic review.

Cimicifuga racemosa Extract Ze 450 Re-Balances Energy Metabolism and Promotes Longevity.

Construction and Validation of a Novel Immunosignature for Overall Survival in Uveal Melanoma.

GDNF requires HIF-1 α and RET activation for suppression of programmed cell death of enteric neurons by metabolic challenge.

Curcumin pre-treatment may protect against mitochondrial damage in LRRK2-mutant Parkinson's disease and healthy control fibroblasts.

Correction to: Neurons expressing the aryl hydrocarbon receptor in the locus coeruleus and island of Calleja major are novel targets of dioxin in the mouse brain.

Xenopus laevis tadpoles exposed to metamifop: Changes in growth, behavioral endpoints, neurotransmitters, antioxidant system and thyroid development.

Mechanisms of Neurotoxicity Associated with Exposure to the Herbicide Atrazine.

Autism-like Behaviors in Male Juvenile Offspring after Maternal Glyphosate Exposure.

Arc1 and the microbiota together modulate growth and metabolic traits in Drosophila.

Neurons expressing the aryl hydrocarbon receptor in the locus coeruleus and island of Calleja major are novel targets of dioxin in the mouse brain.

Comparative evaluation of HET-CAM and ICE methods for objective assessment of ocular irritation caused by selected pesticide products.

Chronic exposure to environmentally realistic levels of diuron impacts the behaviour of adult marine medaka (*Oryzias melastigma*).

Can kissing cause paraquat poisoning: A case report and review of literature.

α -Synuclein E46K Mutation and Involvement of Oxidative Stress in a Drosophila Model of Parkinson's Disease.

A mechanism linking perinatal 2,3,7,8 tetrachlorodibenzo-p-dioxin exposure to lower urinary tract dysfunction in adulthood.

Metagenomic and phytochemical analyses of kefir water and its subchronic toxicity study in BALB/c mice.

Water Pollutants p-Cresol Detection Based on Au-ZnO Nanoparticles Modified Tapered Optical Fiber.

Sulfation of Glycosaminoglycans Modulates the Cell Cycle of Embryonic Mouse Spinal Cord Neural Stem Cells.

Assessment of the in vivo genotoxicity of pendimethalin via mitochondrial bioenergetics and transcriptional profiles during embryogenesis in zebrafish: Implication of electron transport chain activity and developmental defects.

Inhibition of cell expansion enhances cortical microtubule stability in the root apex of *Arabidopsis thaliana*.

A reusable chitosan/TiO₂@g-C₃N₄ nanocomposite membrane for photocatalytic removal of multiple toxic water pollutants under visible light.

Endocrine, metabolic and apical effects of in utero and lactational exposure to non-dioxin-like 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180): A postnatal follow-up study in rats.

Autonomic and cholinergic mechanisms mediating cardiovascular and temperature effects of donepezil in conscious mice.

LncRNA XIST Promoted OGD-Induced Neuronal Injury Through Modulating/miR-455-3p/TIPARP Axis.

Xanthohumol prolongs lifespan and decreases stress-induced mortality in *Drosophila melanogaster*.

Aclonifen causes developmental abnormalities in zebrafish embryos through mitochondrial dysfunction and oxidative stress.

Mortality from Parkinson's disease and other causes among a workforce manufacturing paraquat: an updated retrospective cohort study.

Data-science based analysis of perceptual spaces of odors in olfactory loss.

Assessing Vesicular Monoamine Transport and Toxicity Using Fluorescent False Neurotransmitters.

Granulocyte-colony stimulating factor, a potential candidate for the treatment of Parkinson's disease.

Disruption of the Diurnal Cortisol Hormone Pattern by Pesticide Use in a Longitudinal Study of Farmers in Thailand.

Detection of endocrine disrupting chemicals in *Danio rerio* and *Daphnia pulex*: Step-one, behavioral screen.

The potential environmental risks of the utilization of composts from household food waste.

Resveratrol in Rodent Models of Parkinson's Disease: A Systematic Review of Experimental Studies.

Structure-Activity Relationship Investigation on Reaction Mechanism between Chlorinated Quinoid Carcinogens and Clinically-Used Aldoxime Nerve-Agent Antidote under Physiological Condition.

Chronic pesticide exposure elicits a subtle carry-over effect on the metabolome of *Aurelia coerulea* ephyrae.

Matrix composition during ozonation of N-containing substances may influence the acute toxicity towards *Daphnia magna*.

Differential effects on neuromuscular physiology between Sod1 loss-of-function mutation and paraquat-induced oxidative stress in *Drosophila*.

Flexibility of equine bioenergetics and muscle plasticity in response to different types of training: An integrative approach, questioning existing paradigms.

Enabling the Selective Detection of Endocrine-Disrupting Chemicals via Molecularly Surface-Imprinted "Coffee Rings".

Combined Ubisyl-Q(10) and Ashwagandha Root Extract Target Multiple Biochemical Mechanisms and Reduces Neurodegeneration in a Paraquat-Induced Rat Model of Parkinson's Disease.

Tetrahydroxystilbene glucoside protects against sodium azide-induced mitochondrial dysfunction in human neuroblastoma cells.

Paraquat poisoning in Andaman and Nicobar Islands - Government must intervene.

Prolonged cognitive dysfunction in patient with splenial lesion of the corpus callosum caused by glufosinate ammonium poisoning.

Toxicokinetic analysis of commonly used pesticides using data on acute poisoning cases from Hyderabad, South India.

Therapeutic effects of TP5, a Cdk5/p25 inhibitor, in in vitro and in vivo models of Parkinson's disease.

Detoxification of Reactive Aldehydes by Alda-1 Treatment Ameliorates Experimental Autoimmune Encephalomyelitis in Mice.

Immune and Nervous Systems Interaction in Endocrine Disruptors Toxicity: The Case of Atrazine.

Sodium arsenite induces spatial learning and memory impairment associated with oxidative stress and activates the Nrf2/PPAR γ pathway against oxidative injury in mice hippocampus.

Occupational use of agrochemicals results in inhibited cholinesterase activity and altered reproductive hormone levels in male farmers from Buea, Cameroon.

Super flexible, fatigue resistant, self-healing PVA/xylan/borax hydrogel with dual-crosslinked network.

Hybrid gelatin/oxidized chondroitin sulfate hydrogels incorporating bioactive glass nanoparticles with enhanced mechanical properties, mineralization, and osteogenic differentiation.

Beyond the Tip of the Blade: An Investigation of Upper Extremity Machete Injuries in Honduras.

Roundup negatively impacts the behavior and nerve function of the Madagascar hissing cockroach (*Gromphadorhina portentosa*).

Neuropathy and chloracne induced by 3,5,6-trichloropyridin-2-ol sodium: Report of three cases.

Analysis of the Soil Fumigant, Dimethyl Disulfide, in Swine Blood by Dynamic Headspace Gas Chromatography-Mass Spectroscopy.

sym-2 loss-of-function causes glutamatergic neurodegeneration after oxidative stress.

Correction for Pu et al., Maternal glyphosate exposure causes autism-like behaviors in offspring through increased expression of soluble epoxide hydrolase.

Tetrachlorobenzoquinone exposure triggers ferroptosis contributing to its neurotoxicity.

Design of epidermal growth factor immobilization on 3D biocompatible scaffolds to promote tissue repair and regeneration.

2,4-Dichlorophenoxyacetic Acid Poisoning Mimicking as Organophosphorus Poisoning.

A directional 3D neurite outgrowth model for studying motor axon biology and disease.

A bone regeneration strategy via dual delivery of demineralized bone matrix powder and hypoxia-pretreated bone marrow stromal cells using an injectable self-healing hydrogel.

Acute Changes in Thyroid Hormone Levels among Thai Pesticide Sprayers.

Acute 2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure in adult mice does not alter the morphology or inflammatory response of cortical microglia.

Genome Sequence of *Acetobacter tropicalis* DmPark25_167, a Bacterium Isolated from a *Drosophila melanogaster* Genetic Model of Parkinson's Disease.

Corrigendum to "Effects of astrocyte conditioned medium on neuronal AChE expression upon 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure" [Chem. Biol. Interact. 309 (2019) 108686].

Urinary glyphosate biomonitoring of sprayers in vegetable farm in Thailand.

Neurophysiological and behavioral responses of blacklegged ticks to host odors.

Heart Rate Variability Analysis in Workers Exposed to Methyl Bromide as a Quarantine Treatment.

Green sonochemical synthesis and fabrication of cubic MnFe_2O_4 electrocatalyst decorated carbon nitride nanohybrid for neurotransmitter detection in serum samples.

Fish consumption is an indicator of exposure to non-dioxin like polychlorinated biphenyls in cumulative risk assessments based on a probabilistic and sensitive approach.

Military service and related risk factors for amyotrophic lateral sclerosis.

The Effect of Organophosphate Exposure on Neuronal Cell Coenzyme Q(10) Status.

Chlorpyrifos and other pesticide exposure and suspected developmental delay in children aged under 5 years: a case-control study in Phitsanulok, Thailand.

Non-targeted metabolomic profiling of atrazine in *Caenorhabditis elegans* using UHPLC-QE Orbitrap/MS.

The impact and toxicity of glyphosate and glyphosate-based herbicides on health and immunity.

The protective effects of melatonin on survival, immune response, digestive enzymes activities and intestinal microbiota diversity in Chinese mitten crab (*Eriocheir sinensis*) exposed to glyphosate.

Integrated ecotoxicological assessment of the complex interactions between chlorpyrifos and glyphosate on a non-target species *Cnesterodon decemmaculatus* (Jenyns, 1842).

Reactive oxygen species regulate miR-17-5p expression via DNA methylation in paraquat-induced nerve cell damage.

Neuroprotective Metabolites from Vietnamese Marine Derived Fungi of *Aspergillus* and *Penicillium* Genera.

Impairment of motor coordination and interneuron migration in perinatal exposure to glufosinate-ammonium.

[Protective effects of taurine on neurons and microglia in Parkinson's disease-like mouse model induced by paraquat].

Acrolein: A Potential Mediator of Oxidative Damage in Diabetic Retinopathy.

Transcriptomic and metabolomic landscape of the molecular effects of glyphosate commercial formulation on *Apis mellifera ligustica* and *Apis cerana cerana*.

Lanostane Triterpenoid Metabolites from a *Penares* sp. Marine Sponge Protect Neuro-2a Cells against Paraquat Neurotoxicity.

Spn modulates lipid droplet content in adult *Drosophila* glial cells and protects against paraquat toxicity.

Piperine-Coated Gold Nanoparticles Alleviate Paraquat-Induced Neurotoxicity in *Drosophila melanogaster*.

$\hat{\gamma}$ -opioid receptor activation protects against Parkinson's disease-related mitochondrial dysfunction by enhancing PINK1/Parkin-dependent mitophagy.

Reduced Dpp expression accelerates inflammation-mediated neurodegeneration through activated glial cells during altered innate immune response in *Drosophila*.

DP-2216-6 maize does not adversely affect rats in a 90-day feeding study.

Acute and chronic toxicity of 2,4-D and fipronil formulations (individually and in mixture) to the Neotropical cladoceran *Ceriodaphnia silvestrii*.

LncRNA NR_030777 Alleviates Paraquat-Induced Neurotoxicity by Regulating Zfp326 and Cpne5.

Effect of fomesafen on the embryonic development of zebrafish.

Acetylcholinesterase (AChE) polyclonal antibody from hybrid catfish (*C. macrocephalus* × *C. gariepinus*): Specification, sensitivity and cross reactivity.

Evaluation of modes of action of pesticides to *Daphnia magna* based on QSAR, excess toxicity and critical body residues.

Mixtures of an insecticide, a fungicide and a herbicide induce high toxicities and systemic physiological disturbances in winter *Apis mellifera* honey bees.

Injury to dopaminergic neurons development via the Lmx1a/Wnt1 autoregulatory loop induced by simazine.

Toxicities of Neonicotinoid-Containing Pesticide Mixtures on Nontarget Organisms.

Chronic exposure of human glioblastoma tumors to low concentrations of a pesticide mixture induced multidrug resistance against chemotherapy agents.

Inhibition of the antioxidant enzyme PRDX1 activity promotes MPP(+)-induced death in differentiated SH-SY5Y cells and may impair its colocalization with eEF1A2.

Knockdown of TLR4 Represses the Paraquat-Induced Neuroinflammation and Microglial M1 Polarization.

The PARK2 Mutation Associated with Parkinson's Disease Enhances the Vulnerability of Peripheral Blood Lymphocytes to Paraquat.

Exposure to glyphosate during pregnancy induces neurobehavioral alterations and downregulation of Wnt5a-CaMKII pathway.

Hydrogen sulfide alleviates oxidative stress injury and reduces apoptosis induced by MPP(+) in Parkinson's disease cell model.

Brain alterations in GABA, glutamate and glutamine markers after chronic atrazine exposure in the male albino rat.

Paraquat increases Interleukin-1 β in hippocampal dentate gyrus to impair hippocampal neurogenesis in adult mice.

[Nursing care of esophagitis dissecans superficialis caused by acute paraquat poisoning].

Chemical and Genetic Zebrafish Models to Define Mechanisms of and Treatments for Dopaminergic Neurodegeneration.

The Nrf2-mediated defense mechanism associated with HFE genotype limits vulnerability to oxidative stress-induced toxicity.

Pesticides used in Europe and autism spectrum disorder risk: can novel exposure hypotheses be formulated beyond organophosphates, organochlorines, pyrethroids and carbamates? - A systematic review.

Evaluation of oxidative stress responses and primary DNA damage in blood and brain of rats exposed to low levels of tembotrione.

Behavioural toxicity of environmental relevant concentrations of a glyphosate commercial formulation - RoundUp[®] UltraMax - During zebrafish embryogenesis.

Characterization of a Parkinson's disease rat model using an upgraded paraquat exposure paradigm.

Protective effects of Lactobacillus fermentum U-21 against paraquat-induced oxidative stress in Caenorhabditis elegans and mouse models.

Changes in thyroid hormone levels and related gene expressions in embryo-larval zebrafish exposed to binary combinations of bifenthrin and acetochlor.

Link between increased cellular senescence and extracellular matrix changes in COPD.

Systems Genetics and Systems Biology Analysis of Paraquat Neurotoxicity in BXD Recombinant Inbred Mice.

Haloxypop-P-methyl induces developmental defects in zebrafish embryos through oxidative stress and anti-vasculogenesis.

SSADH Variants Increase Susceptibility of U87 Cells to Mitochondrial Pro-Oxidant Insult.

Control of the neuroprotective Lipocalin Apolipoprotein D expression by alternative promoter regions and differentially expressed mRNA 5' UTR variants.

Agrochemicals and neurogenesis.

Induction of Autophagy by Vasicinone Protects Neural Cells from Mitochondrial Dysfunction and Attenuates Paraquat-Mediated Parkinson's Disease Associated α -Synuclein Levels.

Increased basal antioxidant levels in RCAN1 - deficient mice lowers oxidative injury after acute paraquat insult.

Titanium dioxide nanoparticles enhanced thyroid endocrine disruption of pentachlorophenol rather than neurobehavioral defects in zebrafish larvae.

Zebrafish (*Danio rerio*) ability to activate ABC transporters after exposure to glyphosate and its formulation Roundup Transorb[®].

Exposure to Spectracide[®] causes behavioral deficits in *Drosophila melanogaster*: Insights from locomotor analysis and molecular modeling.

Maternal glyphosate exposure causes autism-like behaviors in offspring through increased expression of soluble epoxide hydrolase.

[Clinical analysis of 15 cases of acute glufosinate poisoning].

Integrin CD11b mediates locus coeruleus noradrenergic neurodegeneration in a mouse Parkinson's disease model.

Prenatal exposure to glufosinate ammonium disturbs gut microbiome and induces behavioral abnormalities in mice.

Environmental Pollution, Oxidative Stress and Thioretinaco Ozonide: Effects of Glyphosate, Fluoride and Electromagnetic Fields on Mitochondrial Dysfunction in Carcinogenesis, Atherogenesis and Aging.

Lipids, proteins and extracellular metabolites of *Trichoderma harzianum* modifications caused by 2,4-dichlorophenoxyacetic acid as a plant growth stimulator.

Pre- and postnatal exposure to glyphosate-based herbicide causes behavioral and cognitive impairments in adult mice: evidence of cortical and hippocampal dysfunction.

[One case successfully rescued acute poisoning caused by misadministration of large amount of glufosinate].

Effects of parental exposure to glyphosate-based herbicides on embryonic development and oxidative status: a long-term experiment in a bird model.

Acrolein exposure from electronic cigarettes.

Paternal exposure to a common herbicide alters the behavior and serotonergic system of zebrafish offspring.

Postnatal zinc or paraquat administration increases paraquat or zinc-induced loss of dopaminergic neurons: insight into augmented neurodegeneration.

HMGB1 Mediates Paraquat-Induced Neuroinflammatory Responses via Activating RAGE Signaling Pathway.

Glyphosate-based herbicide exposure during pregnancy and lactation malprograms the male reproductive morphofunction in F1 offspring.

Exposure of the African mound building termite, *Macrotermes bellicosus* workers to commercially formulated 2,4-D and atrazine caused high mortality and impaired locomotor response.

[Autophagic dysfunction contributes to α -synuclein accumulation in dopaminergic neurons induced by paraquat].

Proconvulsant effect of trans-cinnamaldehyde in pentylenetetrazole-induced kindling model of epilepsy: The role of TRPA1 channels.

Attenuation of paraquat-induced inflammation by inhibitors of phosphorylation of mitogen-activated protein kinases in BV(2) microglial cells.

Sestrin2 as Serum Protein Marker and Potential Therapeutic Target for Parkinson's Disease.

Intranasal glyphosate-based herbicide administration alters the redox balance and the cholinergic system in the mouse brain.

Soybean isoflavones prevent atrazine-induced neurodegenerative damage by inducing autophagy.

Parkinson's Disease in Louisiana, 1999-2012: Based on Hospital Primary Discharge Diagnoses, Incidence, and Risk in Relation to Local Agricultural Crops, Pesticides, and Aquifer Recharge.

Glyphosate-based herbicide impairs energy metabolism and increases autophagy in C6 astrogloma cell line.

A comprehensive analysis of the animal carcinogenicity data for glyphosate from chronic exposure rodent carcinogenicity studies.

Toxicology of paraquat and pharmacology of the protective effect of 5-hydroxy-1-methylhydantoin on lung injury caused by paraquat based on metabolomics.

Development and application of a novel whole sediment toxicity test using immobilized sediment and *Chlorella vulgaris*.

Effects of L-Glufosinate-ammonium and temperature on reproduction controlled by neuroendocrine system in lizard (*Eremias argus*).

Primary hippocampal estrogenic dysfunction induces synaptic proteins alteration and neuronal cell death after single and repeated paraquat exposure.

Analysis of global trends and gaps for studies about 2,4-D herbicide toxicity: A scientometric review.

Effects of acrolein in comparison to its prodrug cyclophosphamide on human primary endothelial cells in vitro.

2,4-Dichlorophenoxyacetic acid herbicide effects on zebrafish larvae: development, neurotransmission and behavior as sensitive endpoints.

Seasonal variations in the dose-response relationship of acetylcholinesterase activity in freshwater fish exposed to chlorpyrifos and glyphosate.

Toxic effects of fluridone on early developmental stages of Japanese Medaka (*Oryzias latipes*).

Secretogranin III upregulation is involved in parkinsonian toxin-mediated astroglia activation.

Interference of an atrazine commercial formulation with the endocrine control of ovarian growth exerted by the eyestalks.

Oxidative stress, histopathological alterations and anti-oxidant capacity in different tissues of largemouth bass (*Micropterus salmoides*) exposed to a newly developed sodium carbonate peroxyhydrate granular algaecide formulated with hydrogen peroxide.

A Synthetic Snake-Venom-Based Tripeptide Protects PC12 Cells from the Neurotoxicity of Acrolein by Improving Axonal Plasticity and Bioenergetics.

Involvement of ADAM10 in acrolein-induced astrocytic inflammation.

Environmentally relevant atrazine exposures cause DNA damage in cells of the lateral antennules of crayfish (*Faxonius virilis*).

How to Use Cognitively Diagnostic Assessments of Student Performance as a Method for Monitoring and Managing the Instructional Quality in Undergraduate Medical Education.

Early Postnatal Exposure to Paraquat and Maneb in Mice Increases Nigrostriatal Dopaminergic Susceptibility to a Re-challenge with the Same Pesticides at Adulthood: Implications for Parkinson's Disease.

Posterior reversible leukoencephalopathy after cyanamide overdose.

Ischemic stroke disrupts the endothelial glycocalyx through activation of proHPSE via acrolein exposure.

Disease-associated acrolein: A possible diagnostic and therapeutic substrate for in vivo synthetic chemistry.

Evaluation of antifungal activity of cinnamaldehyde against *Cryptococcus neoformans* var. *grubii*.

[Effects of acute paraquat poisoning on cognitive ability in humans].

Natural Cinnamaldehyde and Its Derivatives Ameliorate Neuroinflammatory Pathways in Neurodegenerative Diseases.

Anti-hypertensive effect of hydrogen peroxide acting centrally.

Endoplasmic reticulum stress-related neuroinflammation and neural stem cells decrease in mice exposure to paraquat.

Structural change and degradation of cytoskeleton due to the acrolein conjugation with vimentin and actin during brain infarction.

Apolipoprotein D-mediated preservation of lysosomal function promotes cell survival and delays motor impairment in Niemann-Pick type A disease.

Acrolein Aggravates Secondary Brain Injury After Intracerebral Hemorrhage Through Drp1-Mediated Mitochondrial Oxidative Damage in Mice.

Coniferyl Aldehyde Inhibits the Inflammatory Effects of Leptomeningeal Cells by Suppressing the JAK2 Signaling.

Combination of ellagic acid and trans-cinnamaldehyde alleviates aging-induced cognitive impairment via modulation of mitochondrial function and inflammatory and apoptotic mediators in the prefrontal cortex of aged rats.

Combination of Quercetin, Hirudin and Cinnamaldehyde Promotes Schwann Cell Differentiation and Myelination against High Glucose by Inhibiting ERK Signaling Pathway.

Co-hybridized composite nanovesicles for enhanced transdermal eugenol and cinnamaldehyde delivery and their potential efficacy in ulcerative colitis.

Cystitis-Related Bladder Pain Involves ATP-Dependent HMGB1 Release from Macrophages and Its Downstream H(2)S/Ca(v)3.2 Signaling in Mice.

Lethal diquat poisoning manifesting as central pontine myelinolysis and acute kidney injury: A case report and literature review.

Trans-Cinnamaldehyde Alleviates Amyloid-Beta Pathogenesis via the SIRT1-PGC1 α -PPAR γ Pathway in 5XFAD Transgenic Mice.

Glyphosate exposure exacerbates the dopaminergic neurotoxicity in the mouse brain after repeated administration of MPTP.

Topical Delivery of Four Neuroprotective Ingredients by Ethosome-Gel: Synergistic Combination for Treatment of Oxaliplatin-Induced Peripheral Neuropathy.

Poloxamer 188-mediated anti-inflammatory effect rescues cognitive deficits in paraquat and maneb-induced mouse model of Parkinson's disease.

The polypharmacy reduction potential of cinnamic acids and some related compounds in pre- and post-onset management of type 2 diabetes mellitus.

Effects of Cinnamaldehyde on the Viability and Expression of Chemokine Receptor Genes in Temozolomide-treated Glioma Cells.

Stephalagine, an aporphine alkaloid from *Annona crassiflora* fruit peel, induces antinociceptive effects by TRPA1 and TRPV1 channels modulation in mice.

The role of Cinnamaldehyde and Phenyl ethyl alcohol as two types of precipitants affecting protein hydration levels.

Neuro-amelioration of cinnamaldehyde in aluminum-induced Alzheimer's disease rat model.

Sub-chronic oral cinnamaldehyde treatment prevents scopolamine-induced memory retrieval deficit and hippocampal Akt and MAPK dysregulation in male mice.

Use of human neuroblastoma SH-SY5Y cells to evaluate glyphosate-induced effects on oxidative stress, neuronal development and cell death signaling pathways.

Assessing acrolein for determination of the severity of brain stroke, dementia, renal failure, and Sjögren's syndrome.

Transmission Electron Microscopy and Morphometry of the CNS White Matter.

Coniferaldehyde attenuates Alzheimer's pathology via activation of Nrf2 and its targets.

Phoneutria toxin PnTx3-5 inhibits TRPV1 channel with antinociceptive action in an orofacial pain model.

Acrolein is involved in ischemic stroke-induced neurotoxicity through spermidine/spermine-N1-acetyltransferase activation.

Toxicity Changes of Heavily Polluted River Sediments on *Daphnia magna* Before and After Dredging.

[NEURO-HUMORAL DISORDERS OF THE ADAPTATION SYSTEM UNDER THE ACTION OF CERTAIN CLASSES OF PESTICIDES].

Glyphosate-based herbicides influence antioxidants, reproductive hormones and gut microbiome but not reproduction: A long-term experiment in an avian model.

Auxinic herbicide conjugates with an α -amino acid function: Structural requirements for biological activity on motor cells.

Dysregulation of prostaglandin E2 and BDNF signaling mediated by estrogenic dysfunction induces primary hippocampal neuronal cell death after single and repeated paraquat treatment.

Picomolar glyphosate sensitivity of an optical particle-based sensor utilizing biomimetic interaction principles.

Biodegradation of Butachlor by *Bacillus altitudinis* and Identification of Metabolites.

Sub-lethal toxicity assessment of the phenylurea herbicide linuron in developing zebrafish (*Danio rerio*) embryo/larvae.

Understanding the Functional Impact of VOC-Ozone Mixtures on the Chemistry of RNA in Epithelial Lung Cells.

Development of a chromophore-solid phase peptide reaction assay (C-SPRA) for assessing skin sensitization in vitro.

Transient receptor potential ankyrin-1 causes rapid bronchodilation via nonepithelial PGE(2).

Acrolein, e-cigarettes, and pulmonary and vascular damage.

Structure-Dependent Effects of Cinnamaldehyde Derivatives on TRPA1-Induced Serotonin Release in Human Intestinal Cell Models.

Combined cell death of co-exposure to aldehyde mixtures on human bronchial epithelial BEAS-2B cells: Molecular insights into the joint action.

Maternal and Fetal Blood Pharmacokinetics and Organ Distribution of Atrazine, Propazine, Simazine, and Their Metabolites in Pregnant Rats After Chronic Oral Administration.

Cinnamaldehyde Enhanced Functional Recovery after Sciatic Nerve Crush Injury in Rats.

AggreCount: an unbiased image analysis tool for identifying and quantifying cellular aggregates in a spatially defined manner.

Long-term spatial tracking of cells affected by environmental insults.

Arsenic compounds activate the MAPK and caspase pathways to induce apoptosis in OECâ€™M1 gingival epidermal carcinoma.

Comparative efficacy of Nano and Bulk Monoisoamyl DMSA against arsenic-induced neurotoxicity in rats.

ALS-Linked Mutant SOD1 Associates with TIA-1 and Alters Stress Granule Dynamics.

Pesticide use and incident Parkinson's disease in a cohort of farmers and their spouses.

Catechol protects against iron-mediated oxidative brain injury by restoring antioxidative metabolic pathways; and modulation of purinergic and cholinergic enzymes activities.

Cenobamate for the treatment of focal epilepsies.

Anti-Tumor Effects of Sodium Meta-Arsenite in Glioblastoma Cells with Higher Akt Activities.

A universal dual mechanism immunotherapy for the treatment of influenza virus infections.

4E-BP1 Protects Neurons from Misfolded Protein Stress and Parkinson's Disease Toxicity by Inducing the Mitochondrial Unfolded Protein Response.

New Methods Used in Pharmacokinetics and Therapeutic Monitoring of the First and Newer Generations of Antiepileptic Drugs (AEDs).

Randomized, Placebo-Controlled Trial of Rifaximin Therapy for Lowering Gut-Derived Cardiovascular Toxins and Inflammation in CKD.

Cenobamate (XCOPRI): Can preclinical and clinical evidence provide insight into its mechanism of action?

Toxin-Induced Parkinsonism.

Adjunctive cenobamate for the treatment of focal onset seizures in adults with epilepsy: a critical review.

Evaluation of the effectiveness of valproic acid for treating cyanotic breath holding spells: A Pilot prospective study.

Chronic stress induces formation of stress granules and pathological TDP-43 aggregates in human ALS fibroblasts and iPSC-motoneurons.

High-Resolution Respirometry Reveals MPP(+) Mitochondrial Toxicity Mechanism in a Cellular Model of Parkinson's Disease.

Distinct Fecal and Plasma Metabolites in Children with Autism Spectrum Disorders and Their Modulation after Microbiota Transfer Therapy.

[Omphalomesenteric fistulas; epidemiological diagnostic and therapeutic features: study of four cases in the Department of Pediatric Surgery at the Aristide Le Dantec University Hospital in Dakar].

Glufosinate constrains synchronous and metachronous metastasis by promoting anti-tumor macrophages.

Dexamethasone-Loaded Thermosensitive Hydrogel Suppresses Inflammation and Pain in Collagen-Induced Arthritis Rats.

Residential proximity to agriculture and risk of childhood leukemia and central nervous system tumors in the Danish national birth cohort.

Mechanisms and pathogenesis underlying environmental chemical-induced necroptosis.

A metabolomics approach to investigate urine levels of neurotransmitters and related metabolites in autistic children.

Nanosized drug-eluting bead for transcatheter arterial chemoembolization (ND-TACE).

Protein arginine methyltransferase-1 stimulates dopaminergic neuronal cell death in a Parkinson's disease model.

p-Cresol Sulfate Caused Behavior Disorders and Neurodegeneration in Mice with Unilateral Nephrectomy Involving Oxidative Stress and Neuroinflammation.

A Parkinson's disease CircRNAs Resource reveals a link between circSLC8A1 and oxidative stress.

Teleost Model as an Alternative in Parkinson's Disease.

Optimization of the spontaneous tail coiling test for fast assessment of neurotoxic effects in the zebrafish embryo using an automated workflow in KNIME®.

Blood vessels are primary targets for 2,3,7,8-tetrachlorodibenzo-p-dioxin in pre-cardiac edema formation in larval zebrafish.

Cenobamate (Xcopri) for focal seizures.

Pycnogenol(®) Supplementation Attenuates Memory Deficits and Protects Hippocampal CA1 Pyramidal Neurons via Antioxidative Role in a Gerbil Model of Transient Forebrain Ischemia.

Coupling of translation quality control and mRNA targeting to stress granules.

Gestational dioxin exposure suppresses prolactin-stimulated nursing in lactating dam rats to impair development of postnatal offspring.

Melatonin Suppresses Renal Cortical Fibrosis by Inhibiting Cytoskeleton Reorganization and Mitochondrial Dysfunction through Regulation of miR-4516.

Characterization of a multicenter pediatric-hydrocephalus shunt biobank.

High Prevalence of Iron Deficiency Despite Standardized High-Dose Iron Supplementation During Recombinant Erythropoietin Therapy in Extremely Low Gestational Age Newborns.

Microbiota Composition and Metabolism Are Associated With Gut Function in Parkinson's Disease.

Leucine-rich repeat kinase-2 (LRRK2) modulates microglial phenotype and dopaminergic neurodegeneration.

Randomized phase 2 study of adjunctive cenobamate in patients with uncontrolled focal seizures.

Cenobamate (YKP3089) as adjunctive treatment for uncontrolled focal seizures in a large, phase 3, multicenter, open-label safety study.

An Ex Vivo Evaluation of Cenobamate Administered via Enteral Tubes.

Associations between functional polychlorinated biphenyls in adipose tissues and prognostic biomarkers of breast cancer patients.

Low Doses of Arsenic in a Mouse Model of Human Exposure and in Neuronal Culture Lead to S-Nitrosylation of Synaptic Proteins and Apoptosis via Nitric Oxide.

Chronic Systemic Exposure to Low-Dose Rotenone Induced Central and Peripheral Neuropathology and Motor Deficits in Mice: Reproducible Animal Model of Parkinson's Disease.

Human Induced Pluripotent Stem Cell-Derived 3D-Neurospheres are Suitable for Neurotoxicity Screening.

Arsenic Exposure Decreases Adiposity During High-Fat Feeding.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on spontaneous movement of human neuroblastoma cells.

Delayed iron improves iron status without altering malaria risk in severe malarial anemia.

Role of Metallothionein-1 and Metallothionein-2 in the Neuroprotective Mechanism of Sevoflurane Preconditioning in Mice.

Demyelination associated with chronic arsenic exposure in Wistar rats.

Pediatric glioblastoma target-specific efficient delivery of gemcitabine across the blood-brain barrier via carbon nitride dots.

Aptamer-based photoelectrochemical assay for the determination of MCF-7.

Historical Perspective: Models of Parkinson's Disease.

The P5-type ATPase Spf1 is required for development and virulence of the rice blast fungus *Pyricularia oryzae*.

Composition-based prediction and rational manipulation of prion-like domain recruitment to stress granules.

The anti-inflammatory effect of omega-3 polyunsaturated fatty acids dramatically decreases by iron in the hippocampus of diabetic rats.

New Treatment for Partial-Onset Seizures in Adults.

Temporal and tissue-specific activation of aryl hydrocarbon receptor in discrete mouse models of kidney disease.

Randomized, Placebo-Controlled Trial of Ferrous Sulfate to Treat Insomnia in Children With Autism Spectrum Disorders.

Is 1,8-Cineole-Rich Extract of Small Cardamom Seeds More Effective in Preventing Alzheimer's Disease than 1,8-Cineole Alone?

Antioxidative and antiapoptosis: Neuroprotective effects of dauricine in Alzheimer's disease models.

Parental occupational exposure to pesticides, animals and organic dust and risk of childhood leukemia and central nervous system tumors: Findings from the International Childhood Cancer Cohort Consortium (I4C).

Evidence Implicating Non-Dioxin-Like Congeners as the Key Mediators of Polychlorinated Biphenyl (PCB) Developmental Neurotoxicity.

Prenatal exposure to the pesticide metam sodium induces sensorimotor and neurobehavioral abnormalities in mice offspring.

Prenatal exposure to glycol ethers and response inhibition in 6-year-old children: The PELAGIE cohort study.

Higher cerebrospinal fluid to plasma ratio of p-cresol sulfate and indoxyl sulfate in patients with Parkinson's disease.

Understanding ligands driven mechanism of wild and mutant aryl hydrocarbon receptor in presence of phytochemicals combating Parkinson's disease: an in silico and in vivo study.

Clinical and Lifestyle Factors and Risk of Amyotrophic Lateral Sclerosis: A Population-Based Case-Control Study.

Ginseng protein protects against mitochondrial dysfunction and neurodegeneration by inducing mitochondrial unfolded protein response in *Drosophila melanogaster* PINK1 model of Parkinson's disease.

Multiple distinct pathways lead to hyperubiquitylated insoluble TDP-43 protein independent of its translocation into stress granules.

Acute occupational phosphine intoxications in the maritime shipping sector: Belgian and French reported cases.

Bibliometrics and Visualization of the Mechanisms of Parkinson's Diseases Based on Animal Models.

Denouement of Chemicals on Amyotrophic Lateral Sclerosis: Is Green Chemistry the Answer.

Resveratrol Regulates Nrf2-Mediated Expression of Antioxidant and Xenobiotic Metabolizing Enzymes in Pesticides-Induced Parkinsonism.

Quantitative Mass Spectrometric Assay of Whole and CNBr-Cleaved Amyloid- β Peptides in Human Brain.

Cenobamate: First Approval.

Identification and Functional Analysis of RYR1 Variants in a Family with a Suspected Myopathy and Associated Malignant Hyperthermia.

Transfusion-Free Cranial Vault Remodeling: A Novel, Multifaceted Approach.

A mitochondrial uncoupler prodrug protects dopaminergic neurons and improves functional outcome in a mouse model of Parkinson's disease.

Effects of arsenic exposure on D-serine metabolism in the hippocampus of offspring mice at different developmental stages.

Effects of perinatal dioxin exposure on learning abilities of 8-year-old children in Vietnam.

Ameliorative role of antioxidant supplementation on sodium-arsenite induced adverse effects on the developing rat cerebellum.

Bio-inspired, high, and fast adsorption of tetracycline from aqueous media using Fe(3)O(4)-g-CN@PEI- β -CD nanocomposite: Modeling by response surface methodology (RSM), boosted regression tree (BRT), and general regression neural network (GRNN).

Optical sensor film for metribuzin pesticide detection.

The developmental neurotoxicity of legacy vs. contemporary polychlorinated biphenyls (PCBs): similarities and differences.

Cyclophosphamide-induced cystitis results in NLRP3-mediated inflammation in the hippocampus and symptoms of depression in rats.

Comparing the Neuroprotective Effects of Caffeic Acid in Rat Cortical Slices and *Caenorhabditis elegans*: Involvement of Nrf2 and SKN-1 Signaling Pathways.

Anti-inflammatory Effect of AZD6244 on Acrolein-Induced Neuroinflammation.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and up-regulation of neurofilament expression in neuronal cells: Evaluation of AhR and MAPK pathways.

Which chemicals should be grouped together for mixture risk assessments of male reproductive disorders?

Transient receptor potential ankyrin 1 (TRPA1)-mediated toxicity: friend or foe?

HspB5 protects mouse neural stem/progenitor cells from paraquat toxicity.

Structural Analysis of Oxidized Cerebrosides from the Extract of Deep-Sea Sponge *Aulosaccus* sp.: Occurrence of Amide-Linked Allylically Oxygenated Fatty Acids.

Endocrine-Disrupting Air Pollutants and Their Effects on the Hypothalamus-Pituitary-Gonadal Axis.

Risk-Benefit Modeling to Guide Health Research in Collaboration with Great Lakes Fish Consuming Native American Communities.

Impact of environmental toxin exposure on male fertility potential.

Mucuna pruriens in Parkinson's and in some other diseases: recent advancement and future prospective.

The MT1G Gene in LUHMES Neurons Is a Sensitive Biomarker of Neurotoxicity.

The impact of endocrine-disrupting chemical exposure in the mammalian hypothalamic-pituitary axis.

Impact of AHR Ligand TCDD on Human Embryonic Stem Cells and Early Differentiation.

Adsorption of dicamba and MCPA onto MIL-53(Al) metal-organic framework: response surface methodology and artificial neural network model studies.

Fibrinolysis-resistant carbonylated fibrin detected in thrombi attached to the vascular wall of abdominal aortic aneurysms.

Toxicological assessment of seven unregulated drinking water Disinfection By-products (DBPs) using the zebrafish embryo bioassay.

Supramolecular hosts as in vivo sequestration agents for pharmaceuticals and toxins.

A Comprehensive Review on Source, Types, Effects, Nanotechnology, Detection, and Therapeutic Management of Reactive Carbonyl Species Associated with Various Chronic Diseases.

Environmental neurotoxic pollutants: review.

Characterization of a novel O-acetyl sialic acid specific lectin from the hemolymph of the marine crab, *Atergatis integerrimus* (Lamarck, 1818).

Tissue- and Region-Specific Accumulation of Arsenic Species, Especially in the Brain of Mice, After Long-term Arsenite Exposure in Drinking Water.

Occupational exposure to organophosphorus and carbamates in farmers in La Cienega, Jalisco, Mexico: oxidative stress and membrane fluidity markers.

Behavioral Tests in Neurotoxin-Induced Animal Models of Parkinson's Disease.

Longitudinal Study of Thyroid Hormones between Conventional and Organic Farmers in Thailand.

Effect of Ubiquinol on Glaucomatous Neurodegeneration and Oxidative Stress: Studies for Retinal Ganglion Cell Survival and/or Visual Function.

Mitochondrial Complex I Mutations Predispose *Drosophila* to Isoflurane Neurotoxicity.

In Vitro Detoxification Studies of p-Cresol by Intestinal Bacteria Isolated from Human Feces.

Separating the Empirical Wheat From the Pseudoscientific Chaff: A Critical Review of the Literature Surrounding Glyphosate, Dysbiosis and Wheat-Sensitivity.

Dibenzoylthiamine Has Powerful Antioxidant and Anti-Inflammatory Properties in Cultured Cells and in Mouse Models of Stress and Neurodegeneration.

Inhibition of rat brain and human red cell acetylcholinesterase by thiocarbamate herbicides.

Role of CAPE in reducing oxidative stress in animal models with traumatic brain injury.

A General Strategy for the Construction of NIR-emitting Si-rhodamines and Their Application for Mitochondrial Temperature Visualization.

Behavioral impairments in infant and adult mouse offspring exposed to 2,3,7,8-tetrabromodibenzofuran in utero and via lactation.

PCB52 exposure alters the neurotransmission ligand-receptors in male offspring and contributes to sex-specific neurodevelopmental toxicity.

Adverse effects of pesticides on the functions of immune system.

Synthesis of Core-Modified Third-Generation Light-Driven Molecular Motors.

Development of an ELISA for Measurement of Urinary 3-Hydroxypropyl Mercapturic Acid (3-HPMA), the Marker of Stroke.

Saliva as a non-invasive tool for monitoring oxidative stress in swimmers athletes performing a VO₂(max) cycle ergometer test.

Synergistic degradation of 4-chlorophenol by persulfate and oxalic acid mixture with heterogeneous Fenton like system for wastewater treatment: Adaptive neuro-fuzzy inference systems modeling.

The Protective Effect of Xanthohumol on the Content of Selected Elements in the Bone Tissue for Exposed Japanese Quails to TCDD.

Development of support vector machine-based model and comparative analysis with artificial neural network for modeling the plant tissue culture procedures: effect of plant growth regulators on somatic embryogenesis of chrysanthemum, as a case study.

Negative effect of methyl bromide fumigation work on the central nervous system.

Protective effect of *Mucuna pruriens* against arsenic-induced liver and kidney dysfunction and neurobehavioral alterations in rats.

Visual system: An understudied target of aquatic toxicology.

Protective effects of phenelzine administration on synaptic and non-synaptic cortical mitochondrial function and lipid peroxidation-mediated oxidative damage following TBI in young adult male rats.

Mass Balance, Metabolism, and Excretion of Cenobamate, a New Antiepileptic Drug, After a Single Oral Administration in Healthy Male Subjects.

Severe chemical burns related to dermal exposure to herbicide containing glyphosate and glufosinate with surfactant in Korea.

Neuroprotection Against Parkinson's Disease Through the Activation of Akt/GSK3 β Signaling Pathway by Tirophostin A.

Short-term e-cigarette vapour exposure causes vascular oxidative stress and dysfunction: evidence for a close connection to brain damage and a key role of the phagocytic NADPH oxidase (NOX-2).

Tissue distribution, hormonal regulation, ontogeny, diurnal expression, and induction of mouse cystine transporters Slc3a1 and Slc7a9.

Orbencarb induces lethality and organ malformation in zebrafish embryos during development.

Intergenerational toxicity of nonylphenol ethoxylate (NP-9) in *Caenorhabditis elegans*.

Skin burns from monochloroacetic acid leak in a chemical plant: a case report.

Pharmacological inhibition of lipid peroxidative damage by the 21-aminosteroid U-74389G improves cortical mitochondrial function following traumatic brain injury in young adult male rats.

Regulation of Spermine Oxidase through Hypoxia-Inducible Factor-1 α Signaling in Retinal Glial Cells under Hypoxic Conditions.

In older women, a high-protein diet including animal-sourced foods did not impact serum levels and urinary excretion of trimethylamine-N-oxide.

Defining embryonic developmental effects of chemical mixtures using the embryonic stem cell test.

New insight into Parkinson's disease pathogenesis from reactive oxygen species-mediated extracellular Zn(2+) influx.

Devil's claw (*Harpagophytum procumbens*) ameliorates the neurobehavioral changes and neurotoxicity in female rats exposed to arsenic.

Microglia depletion prior to lipopolysaccharide and paraquat treatment differentially modulates behavioral and neuronal outcomes in wild type and G2019S LRRK2 knock-in mice.

Skeletal Toxicity of Coplanar Polychlorinated Biphenyl Congener 126 in the Rat Is Aryl Hydrocarbon Receptor Dependent.

Exposure effects of iron oxide nanoparticles and iron salts in blackfish (*Capoeta fusca*): Acute toxicity, bioaccumulation, depuration, and tissue histopathology.

Decreased Glucose Utilization Contributes to Memory Impairment in Patients with Glufosinate Ammonium Intoxication.

Metabolomic Profiling Revealed Potential Biomarkers in Patients With Moyamoya Disease.

Icariin protects against sodium azide-induced neurotoxicity by activating the PI3K/Akt/GSK-3 β signaling pathway.

p-cresol Alters Brain Dopamine Metabolism and Exacerbates Autism-Like Behaviors in the BTBR Mouse.

Sarcoidosis: Causes, Diagnosis, Clinical Features, and Treatments.

EGCG ameliorates neuronal and behavioral defects by remodeling gut microbiota and TotM expression in *Drosophila* models of Parkinson's disease.

Toxicity testing of pesticides in zebrafish—a systematic review on chemicals and associated toxicological endpoints.

Effect of α -lipoic acid on spatial memory and structural integrity of developing hippocampal neurons in rats subjected to sodium arsenite exposure.

An Experimental Swallow Evoked Potential Protocol to Investigate the Neural Substrates of Swallowing.

Arsenic induces platelet shape change through altering focal adhesion kinase-mediated actin dynamics, contributing to increased platelet reactivity.

Gut neurotoxin p-cresol induces differential expression of GLUN2B and GLUN2A subunits of the NMDA receptor in the hippocampus and nucleus accumbens in healthy and audiogenic seizure-prone rats.

Chronic methyl bromide toxicity is ameliorated by haemodialysis.

Uncovering pathophysiological changes in frontotemporal dementia using serum lipids.

Early Neurotoxic Effects of Inorganic Arsenic Modulate Cortical GSH Levels Associated With the Activation of the Nrf2 and NF κ B Pathways, Expression of Amino Acid Transporters and NMDA Receptors and the Production of Hydrogen Sulfide.

Effect of cAMP Receptor Protein Gene on Growth Characteristics and Stress Resistance of *Haemophilus parasuis* Serovar 5.

Plant Lipid Bodies Traffic on Actin to Plasmodesmata Motorized by Myosin XIs.

Lactobacillus probiotics improved the gut microbiota profile of a *Drosophila melanogaster* Alzheimer's disease model and alleviated neurodegeneration in the eye.

Iron Deficiency in Menstruating Adult Women: Much More than Anemia.

High resolution respirometry to assess function of mitochondria in native homogenates of human heart muscle.

ROCK inhibitors upregulate the neuroprotective Parkin-mediated mitophagy pathway.

Noscapine Modulates Neuronal Response to Oxygen-glucose Deprivation/Reperfusion Injury Via Activation of Sigma-1 Receptor in Primary Cortical Cultures.

An Analysis of Biomarkers in Patients with Chronic Pain.

Neuropsychiatric manifestations of methyl iodide toxicity.

Wnt pathway: A mechanism worth considering in endocrine disrupting chemical action.

Developmental Exposure to PCB153 (2,2',4,4',5,5'-Hexachlorobiphenyl) Alters Circadian Rhythms and the Expression of Clock and Metabolic Genes.

Biologically Active Echinulin-Related Indole-diketopiperazines from the Marine Sediment-Derived Fungus *Aspergillus niveoglaucus*.

Acute thiamethoxam toxicity in honeybees is not enhanced by common fungicide and herbicide and lacks stress-induced changes in mRNA splicing.

A cellular defense memory imprinted by early life toxic stress.

Clethodim exposure induced development toxicity and behaviour alteration in early stages of zebrafish life.

An artificial neural network and Random Forest identify glyphosate-impacted brackish communities based on 16S rRNA amplicon MiSeq read counts.

Gut microbiota and neurological effects of glyphosate.

Effects of environmental chemicals on the proliferation and differentiation of neural stem cells.

Autophagy Stimulation Decreases Dopaminergic Neuronal Death Mediated by Oxidative Stress.

Diuron exposure and Akt overexpression promote glioma formation through DNA hypomethylation.

Factors adversely influencing neurodevelopment.

Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels.

N-acetylcysteine alleviated paraquat-induced mitochondrial fragmentation and autophagy in primary murine neural progenitor cells.

Paraquat as an Environmental Risk Factor in Parkinson's Disease Accelerates Age-Related Degeneration Via Rapid Influx of Extracellular Zn(2+) into Nigral Dopaminergic Neurons.

Strength of methods assessment for aquatic primary producer toxicity data: A critical review of atrazine studies from the peer-reviewed literature.

Ghrelin ameliorates A549 cell apoptosis caused by paraquat via p38-MAPK regulated mitochondrial apoptotic pathway.

Paraquat induced impaired reproductive function and modulation of retinal and extra-retinal photoreceptors in Japanese quail (*Coturnix coturnix japonica*).

Animal models in the neurotoxicology of 2,4-D.

The Effects of Maternal Atrazine Exposure and Swimming Training on Spatial Learning Memory and Hippocampal Morphology in Offspring Male Rats via PSD95/NR2B Signaling Pathway.

Identification of miRNA-7 as a regulator of brain-derived neurotrophic factor/ α -synuclein axis in atrazine-induced Parkinson's disease by peripheral blood and brain microRNA profiling.

Overlapping and unique toxic effects of three alternative antifouling biocides (Diuron, Irgarol 1051(®), Sea-Nine 211(®)) on non-target marine fish.

Innate immune responses to paraquat exposure in a *Drosophila* model of Parkinson's disease.

Paraquat modulates microglia M1/M2 polarization via activation of TLR4-mediated NF- κ B signaling pathway.

Maternal glyphosate-based herbicide exposure alters antioxidant-related genes in the brain and serum metabolites of male rat offspring.

Neurotoxicity of pesticides.

Glyphosate and glyphosate-based herbicide exposure during the peripartum period affects maternal brain plasticity, maternal behaviour and microbiome.

Chloramphenicol Mitigates Oxidative Stress by Inhibiting Translation of Mitochondrial Complex I in Dopaminergic Neurons of Toxin-Induced Parkinson's Disease Model.

Perinatal dioxin exposure and neurodevelopment of 2-year-old Vietnamese children in the most contaminated area from Agent Orange in Vietnam.

Inhibition of dendritic spine extension through acrolein conjugation with α -, β -tubulin proteins.

Atrazine induced transgenerational reproductive effects in medaka (*Oryzias latipes*).

Activation of the N-methyl-d-aspartate receptor is involved in glyphosate-induced renal proximal tubule cell apoptosis.

Cytotoxic activity of pentachlorophenol and its active metabolites in SH-SY5Y neuroblastoma cells.

Glyphosate's Synergistic Toxicity in Combination with Other Factors as a Cause of Chronic Kidney Disease of Unknown Origin.

Thyroid Hormones in Conventional and Organic Farmers in Thailand.

Exposure to Roundup® affects behaviour, head regeneration and reproduction of the freshwater planarian *Girardia tigrina*.

Effects of short-time exposure to atrazine on miRNA expression profiles in the gonad of common carp (*Cyprinus carpio*).

Mechanisms behind the atherothrombotic effects of acrolein, a review.

Parkinsonism Relating to Intoxication with Glyphosate.

Conditional Haploinsufficiency of β -Catenin Aggravates Neuronal Damage in a Paraquat-Based Mouse Model of Parkinson Disease.

Leucine-rich repeat kinase-2 (LRRK2) modulates paraquat-induced inflammatory sickness and stress phenotype.

Toxicological effects of anthropogenic activities in *Geophagus brasiliensis* from a coastal river of southern Brazil: A biomarker approach.

Neuroprotective effects of PACAP against paraquat-induced oxidative stress in the *Drosophila* central nervous system.

Renal cortical hypoperfusion caused by glyphosate-surfactant herbicide.

Glimepiride prevents paraquat-induced Parkinsonism in mice: involvement of oxidative stress and neuroinflammation.

Blockade of Rapid Influx of Extracellular Zn(2+) into Nigral Dopaminergic Neurons Overcomes Paraquat-Induced Parkinson's Disease in Rats.

Retrospective study of clinical features and prognosis of edaravone in the treatment of paraquat poisoning.

Comparative studies on endogenous stress hormones, antioxidant, biochemical and hematological status of metabolic disturbance in albino rat exposed to roundup herbicide and its active ingredient glyphosate.

Developmental and epigenetic effects of Roundup and glyphosate exposure on Japanese medaka (*Oryzias latipes*).

Prenatal exposure to the herbicide 2,4-D is associated with deficits in auditory processing during infancy.

NF- κ B/mTOR-mediated autophagy can regulate diquat-induced apoptosis.

Dose-dependent effects of a glyphosate commercial formulation - Roundup(®) UltraMax - on the early zebrafish embryogenesis.

Paraquat Exposure Increases Oxidative Stress Within the Dorsal Striatum of Male Mice With a Genetic Deficiency in One-carbon Metabolism.

Homicidal Paraquat Poisoning.

Use of Pesticides and Health Risk among Farmers in Sunsari District, Nepal.

The MEK/ERK/CREB signaling pathway is involved in atrazine induced hippocampal neurotoxicity in Sprague Dawley rats.

Antioxidant and cytoprotective effects of N-acetylcysteine against subchronic oral glyphosate-based herbicide-induced oxidative stress in rats.

NADPH oxidase regulates paraquat and maneb-induced dopaminergic neurodegeneration through ferroptosis.

Inhibition of MAPKs Signaling Pathways Prevents Acrolein-Induced Neurotoxicity in HT22 Mouse Hippocampal Cells.

Paraquat affects the differentiation of neural stem cells and impairs the function of vascular endothelial cells: a study of molecular mechanism.

2,4-Dichlorophenoxyacetic acid containing herbicide impairs essential visually guided behaviors of larval fish.

Effects of glyphosate and aminomethylphosphonic acid on an isogenic model of the human blood-brain barrier.

Combined effects of pentachlorophenol and its byproduct hexachlorobenzene on endocrine and reproduction in zebrafish.

Developmental effects of neonatal fractionated co-exposure to low-dose gamma radiation and paraquat on behaviour in adult mice.

Protective effects of 3 β -angeloyloxy-8 β , 10 β -dihydroxyremophila-7(11)-en-12, 8 β -lactone on paraquat-induced oxidative injury in SH-SY5Y cells.

[Effects of paraquat on the proliferation of human neural stem cells via DNA methylation].

Prenatal and infant exposure to ambient pesticides and autism spectrum disorder in children: population based case-control study.

Acute toxic limbic encephalopathy following glyphosate intoxication.

Learning and memory impairments associated to acetylcholinesterase inhibition and oxidative stress following glyphosate based-herbicide exposure in mice.

Tribolium castaneum as a whole-animal screening system for the detection and characterization of neuroprotective substances.

How reliable are in vitro IC(50) values? Values vary with cytotoxicity assays in human glioblastoma cells.

Clethodim exposure induces developmental immunotoxicity and neurobehavioral dysfunction in zebrafish embryos.

Effects of cypermethrin (pyrethroid), glyphosate and chlorpyrifos (organophosphorus) on the endocrine and immune system of *Salvator merianae* (Argentine tegu).

Ligustrazin increases lung cell autophagy and ameliorates paraquat-induced pulmonary fibrosis by inhibiting PI3K/Akt/mTOR and hedgehog signalling via increasing miR-193a expression.

Acute exposure to a glyphosate-containing herbicide formulation inhibits Complex II and increases hydrogen peroxide in the model organism *Caenorhabditis elegans*.

Histological evaluation of vital organs of the livebearer *Jenynsia multidentata* (Jenyns, 1842) exposed to glyphosate: A comparative analysis of Roundup(®) formulations.

Adverse effects of acrolein, a ubiquitous environmental toxicant, on muscle regeneration and mass.

Exogenous Tetranectin Protects Against 1-Methyl-4-Phenylpyridine-Induced Neurotoxicity by Inhibiting Apoptosis and Autophagy Through Ribosomal Protein S6 Kinase Beta-1.

Environmental Control of Astrocyte Pathogenic Activities in CNS Inflammation.

Paraquat and Parkinson's disease: a systematic review and meta-analysis of observational studies.

Pequi enriched diets protect *Drosophila melanogaster* against paraquat-induced locomotor deficits and oxidative stress.

Evaluation of the cytotoxic effects of glyphosate herbicides in human liver, lung, and nerve.

Herbicide Paraquat provokes the stress responses of HPA axis of laboratory mouse, *Mus musculus*.

Hemodynamic changes after infusion of intravenous lipid emulsion to treat refractory hypotension caused by glyphosate-surfactant herbicide poisoning: A case report.

Bacopa monnieri Supplements Offset Paraquat-Induced Behavioral Phenotype and Brain Oxidative Pathways in Mice.

Neuroprotective action of Eicosapentaenoic (EPA) and Docosahexaenoic (DHA) acids on Paraquat intoxication in *Drosophila melanogaster*.

Paraquat exposure and Parkinson's disease: A systematic review and meta-analysis.

Oxadiazon affects the expression and activity of aldehyde dehydrogenase and acylphosphatase in human striatal precursor cells: A possible role in neurotoxicity.

Melatonin protects against paraquat-induced damage during in vitro maturation of bovine oocytes.

Cinnamaldehyde and Phenyl Ethyl Alcohol promote the entrapment of intermediate species of HEWL, as revealed by structural, kinetics and thermal stability studies.

The effect of coniferaldehyde on neurite outgrowth in neuroblastoma Neuro2a cells.

Brain ethanol-metabolizing enzymes are differentially expressed in lead-exposed animals after voluntary ethanol consumption: Pharmacological approaches.

The effects of Cinnamaldehyde on early brain injury and cerebral vasospasm following experimental subarachnoid hemorrhage in rabbits.

Catalase blockade reduces the pressor response to central cholinergic activation.

Trans-cinnamaldehyde improves neuroinflammation-mediated NMDA receptor dysfunction and memory deficits through blocking NF- κ B pathway in presenilin1/2 conditional double knockout mice.

Characterization of the Basic Membrane Properties of Neurons of the Rat Dorsal Motor Nucleus of the Vagus in Paraquat-Induced Models of Parkinsonism.

Trans-cinnamaldehyde shows anti-depression effect in the forced swimming test and possible involvement of the endocannabinoid system.

Conjugal multiple system atrophy: Chance, shared risk factors, or evidence of transmissibility?

Agricultural exposures to carbamate herbicides and fungicides and central nervous system tumour incidence in the cohort AGRICAN.

Neuroprotective Effects of Methylene Blue In Vivo and In Vitro.

Neuroprotective Effects of Methanolic Extract of Avocado Persea americana (var. Colinred) Peel on Paraquat-Induced Locomotor Impairment, Lipid Peroxidation and Shortage of Life Span in Transgenic knockdown Parkin Drosophila melanogaster.

Effect of Vasicinone against Paraquat-Induced MAPK/p53-Mediated Apoptosis via the IGF-1R/PI3K/AKT Pathway in a Parkinson's Disease-Associated SH-SY5Y Cell Model.

Acrolein-mediated alpha-synuclein pathology involvement in the early post-injury pathogenesis of mild blast-induced Parkinsonian neurodegeneration.

Photobiomodulation therapy reduces acute pain and inflammation in mice.

Altered gastric tone and motility response to brain-stem dopamine in a rat model of parkinsonism.

Oxidative stress in vagal neurons promotes parkinsonian pathology and intercellular α -synuclein transfer.

Paraquat Preferentially Induces Apoptosis of Late Stage Effector Lymphocyte and Impairs Memory Immune Response in Mice.

Combined treatment with 2'-hydroxycinnamaldehyde and temozolomide suppresses glioblastoma tumorspheres by decreasing stemness and invasiveness.

TRPA1 Sensitization Produces Hyperalgesia to Heat but not to Cold Stimuli in Human Volunteers.

Upregulated lncRNA small nucleolar RNA host gene 1 promotes 1-methyl-4-phenylpyridinium ion-induced cytotoxicity and reactive oxygen species production through miR-15b-5p/GSK3 β axis in human dopaminergic SH-SY5Y cells.

Inhibition of the Nrf2/HO-1 Axis Suppresses the Mitochondria-Related Protection Promoted by Gastrodin in Human Neuroblastoma Cells Exposed to Paraquat.

Phytochemicals of Cinnamomi Cortex: Cinnamic Acid, but not Cinnamaldehyde, Attenuates Oxaliplatin-Induced Cold and Mechanical Hypersensitivity in Rats.

Revisiting the Paraquat-Induced Sporadic Parkinson's Disease-Like Model.

Mitochondrial superoxide generation induces a parkinsonian phenotype in zebrafish and huntingtin aggregation in human cells.

Assessment of hematological, hepato-renal, antioxidant, and hormonal responses of Clarias gariepinus exposed to sub-lethal concentrations of oxyfluorfen.

Use of neural networks to estimate the sorption and desorption coefficients of herbicides: A case study of diuron, hexazinone, and sulfometuron-methyl in Brazil.

Unsaturated Aldehyde Acrolein Promotes Retinal Glial Cell Migration.

Forkhead box O3 protects the heart against paraquat-induced aging-associated phenotypes by upregulating the expression of antioxidant enzymes.

Cellular Uptake and Clearance of Oxidatively-modified Apolipoprotein E3 by Cerebral Cortex Endothelial Cells.

The effect of cinnamaldehyde on passive avoidance memory and hippocampal Akt, ERK and GSK-3 β in mice.

Loss of RNA binding protein, human antigen R enhances mitochondrial elongation by regulating Drp1 expression in SH-SY5Y cells.

An eco-designed paper-based algal biosensor for nanoformulated herbicide optical detection.

A urinary metabolomics study of a Polish subpopulation environmentally exposed to arsenic.

Inorganic arsenic exposure and neuropsychological development of children of 4-5 years of age living in Spain.

Possible involvement of transcriptional activation of nuclear factor erythroid 2-related factor 2 (Nrf2) in the protective effect of caffeic acid on paraquat-induced oxidative damage in *Drosophila melanogaster*.

The effects of cinnamaldehyde on acute or chronic stress-induced anxiety-related behavior and locomotion in male mice.

Effects of Cinnamaldehyde on Smooth Muscle Preparations.

Reduction of Kiss1 expression in the anteroventral periventricular nucleus is associated with atrazine-induced attenuation of the luteinizing hormone surge in female rats.

Serum Proteomic Profiling Analysis of Rats Chronically Exposed to Arsenic.

Studies on Dibenzylamines as Inhibitors of Venezuelan Equine Encephalitis Virus.

[Brain abscess revealing trilogia of Fallot in a child: about a case at the University Teaching Hospital of Parakou, Benin].

Activation of aryl hydrocarbon receptor by dioxin directly shifts gut microbiota in zebrafish.

Environmental challenges for the nervous system and the brain in Japan.

Disease modifying mitochondrial uncouplers, MP101, and a slow release ProDrug, MP201, in models of Multiple Sclerosis.

Prenatal exposure to glycol ethers and motor inhibition function evaluated by functional MRI at the age of 10 to 12 years in the PELAGIE mother-child cohort.

High fat diet deteriorates the memory impairment induced by arsenic in mice: a sub chronic in vivo study.

Plasma Metabolic Profiling Analysis of Gout Party on Acute Gout Arthritis Rats Based on UHPLC-Q-TOF/MS Combined with Multivariate Statistical Analysis.

Metabolomics for improved treatment monitoring of phenylketonuria: urinary biomarkers for non-invasive assessment of dietary adherence and nutritional deficiencies.

Lesion of the Locus Coeruleus Damages Learning and Memory Performance in Paraquat and Maneb-induced Mouse Parkinson's Disease Model.

Subcutaneous Injection of Drugs: Literature Review of Factors Influencing Pain Sensation at the Injection Site.

Functions of aryl hydrocarbon receptor (AHR) and CD38 in NAD metabolism and nonalcoholic steatohepatitis (NASH).

Increase of core temperature affected the progression of kidney injury by repeated heat stress exposure.

NLRX1 Regulation Following Acute Mitochondrial Injury.

The effect of chronic vitamin deficiency and long term very low dose exposure to 6 pesticides mixture on neurological outcomes - A real-life risk simulation approach.

[Clinical observation on the inflammatory indexes in septic gastrointestinal dysfunction treated with acupuncture at Jiaji (EX-B 2)].

Epidemic of Chronic Kidney Disease of Nontraditional Etiology in El Salvador: Integrated Health Sector Action and South-South Cooperation.

Creatine is Neuroprotective to Retinal Neurons In Vitro But Not In Vivo.

Photoelectrochemical detection of breast cancer biomarker based on hexagonal carbon nitride tubes.

GH3 and RC-4BC cell lines are not suitable as in vitro models to study prolactin modulation and AHR responsiveness in rat pituitary.

NEAT1 is overexpressed in Parkinson's disease substantia nigra and confers drug-inducible neuroprotection from oxidative stress.

Evaluation of neuroprotective activity of digoxin and semisynthetic derivatives against partial chemical ischemia.

Killing Effects of IFN R(-/-) Mouse NK Cells Activated by HN Protein of NDV on Mouse Hepatoma Cells and Possible Mechanism with Syk and NF- κ B.

Novel Endogenous Ligands of Aryl Hydrocarbon Receptor Mediate Neural Development and Differentiation of Neuroblastoma.

8-plex LC-MS/MS Analysis of Permethylated N-Glycans Achieved by Using Stable Isotopic Iodomethane.

Mass spectrometry-based urinary metabolomics for the investigation on the mechanism of action of *Eleutherococcus senticosus* (Rupr. & Maxim.) Maxim. leaves against ischemic stroke in rats.

Circular RNA TLK1 Aggravates Neuronal Injury and Neurological Deficits after Ischemic Stroke via miR-335-3p/TIPARP.

Suppression of the photoparoxysmal response in photosensitive epilepsy with cenobamate (YKP3089).

Protective effect of gallic acid against arsenic-induced anxiety-/depression- like behaviors and memory impairment in male rats.

The role of posttranslational modifications of α -synuclein and LRRK2 in Parkinson's disease: Potential contributions of environmental factors.

Improving rates of ferrous sulfate prescription for suspected iron deficiency anaemia in infants.

Bioaccumulation, behavior changes and physiological disruptions with gender-dependent in lizards (*Eremias argus*) after exposure to glufosinate-ammonium and l-glufosinate-ammonium.

Cardioprotective properties of opioid receptor agonists in rats with stress-induced cardiac injury.

[Effect of electroacupuncture at "Jiaji" (EX-B 2) points combined with nerve mobilization on motor function and mRNA and protein expression of RhoA in rabbits with sciatic nerve injury].

Comparative liver function assessment of natural and available drug (Ferrous sulfate) for iron-deficiency anemia in rat model.

Rescue of degenerating neurons and cells by stem cell released molecules: using a physiological renormalization strategy.

Prenatal exposure to organohalogen compounds and children's mental and motor development at 18 and 30 months of age.

Excipients in Anesthesia Medications.

RYR1 Sequence Variants in Myopathies: Expression and Functional Studies in Two Families.

Intracellular Fe(2+) accumulation in endothelial cells and pericytes induces blood-brain barrier dysfunction in secondary brain injury after brain hemorrhage.

Inhibition of NADPH oxidase by apocynin prevents learning and memory deficits in a mouse Parkinson's disease model.

Respiratory analysis as a tool to detect physiological changes in *Anisakis* larvae subjected to stress.

Excess active P13K rescues huntingtin-mediated neuronal cell death but has no effect on axonal transport defects.

Polychlorinated biphenyls influence on autism spectrum disorder risk in the MARBLES cohort.

Prenatal dioxin exposure and neuropsychological functioning in the Seveso Second Generation Health Study.

Disease model organism for Parkinson disease: *Drosophila melanogaster*.

Crizotinib-induced erosive esophagitis in a pediatric patient with neuroblastoma.

Role of Aryl Hydrocarbon Receptor (AhR) in the Regulation of Immunity and Immunopathology During *Trypanosoma cruzi* Infection.

A novel target for the promotion of dermal wound healing: Ryanodine receptors.

Sodium azide induces mitochondria-mediated apoptosis in PC12 cells through Pgc1 α -associated signaling pathway.

Cell surface heparan sulfate proteoglycans are involved in the extracellular Hsp90-stimulated migration and invasion of cancer cells.

Iron Oversupplementation Causes Hippocampal Iron Overloading and Impairs Social Novelty Recognition in Nursing Piglets.

Bioluminescence imaging of Arc expression in mouse brain under acute and chronic exposure to pesticides.

The aquaporin-4 inhibitor AER-271 blocks acute cerebral edema and improves early outcome in a pediatric model of asphyxial cardiac arrest.

A Neuron-Glial Trans-Signaling Cascade Mediates LRRK2-Induced Neurodegeneration.

KML001, an arsenic compound, as salvage chemotherapy in refractory biliary tract cancers: A prospective study.

Mitochondrial Impairment in Oligodendroglial Cells Induces Cytokine Expression and Signaling.

Gas chromatography-mass spectrometry based metabolomics profile of hippocampus and cerebellum in mice after chronic arsenic exposure.

Integrating data gap filling techniques: A case study predicting TEFs for neurotoxicity TEQs to facilitate the hazard assessment of polychlorinated biphenyls.

Konzo: a distinct neurological disease associated with food (cassava) cyanogenic poisoning.

TUDCA-Treated Mesenchymal Stem Cells Protect against ER Stress in the Hippocampus of a Murine Chronic Kidney Disease Model.

Transition metal-coordinated graphitic carbon nitride dots as a sensitive and facile fluorescent probe for β -amyloid peptide detection.

Iron for the treatment of restless legs syndrome.

High Pesticide Exposure Events and Olfactory Impairment among U.S. Farmers.

Iron Deficiency in Heart Failure: An Overview.

Environmental Exposure History and Vulvodynia Risk: A Population-Based Study.

Moderate Renal Impairment and Toxic Metabolites Produced by the Intestinal Microbiome: Dietary Implications.

The specific impact of uremic toxins upon cognitive domains: a review.

Comprehensive Analysis of Neurotoxin-Induced Ablation of Dopaminergic Neurons in Zebrafish Larvae.

Environmental Chemical Diethylhexyl Phthalate Alters Intestinal Microbiota Community Structure and Metabolite Profile in Mice.

Improved method for urinary p-cresol detection and measurement using high performance liquid chromatography/mass spectrometry.

Integrative Metabolomic and Metallomic Analysis in a Case-Control Cohort With Parkinson's Disease.

Oxidative stress, lysosomal damage and dysfunctional autophagy in molluscan hepatopancreas (digestive gland) induced by chemical contaminants.

Glyphosate-based herbicide: a risk factor for demyelinating conditions of the peripheral nervous system?

Loss of Tiparp Results in Aberrant Layering of the Cerebral Cortex.

Coupling the Patern²-B^{1/2}chi (PB) Reaction With Mass Spectrometry to Study Unsaturated Fatty Acids in Mouse Model of Multiple Sclerosis.

Extracellular vesicles derived from human Wharton's jelly mesenchymal stem cells protect hippocampal neurons from oxidative stress and synapse damage induced by amyloid-¹² oligomers.

Wnt1 silencing enhances neurotoxicity induced by paraquat and maneb in SH-SY5Y cells.

Chronic unpredictable stress influenced the behavioral but not the neurodegenerative impact of paraquat.

Arsenite interrupts neurodevelopmental processes of human and rat neural progenitor cells: The role of reactive oxygen species and species-specific antioxidative defense.

Electrochemical inhibition bacterial sensor array for detection of water pollutants: artificial neural network (ANN) approach.

Weed Detection in Perennial Ryegrass With Deep Learning Convolutional Neural Network.

Energy Metabolism and Redox State in Brains of Wistar Audiogenic Rats, a Genetic Model of Epilepsy.

Manganese attenuates the effects of arsenic on neurobehavioral and biochemical changes in mice co-exposed to arsenic and manganese.

Nrf2-regulated miR-380-3p Blocks the Translation of Sp3 Protein and Its Mediation of Paraquat-Induced Toxicity in Mouse Neuroblastoma N2a Cells.

Toxicogenomic analyses of the effects of BDE-47/209, TBBPA/S and TCBPA on early neural development with a human embryonic stem cell in vitro differentiation system.

Neuroprotective effects of anthocyanins and its major component cyanidin-3-O-glucoside (C3G) in the central nervous system: An outlined review.

Exposure to diclofop-methyl induces immunotoxicity and behavioral abnormalities in zebrafish embryos.

Modeling callus induction and regeneration in an anther culture of tomato (*Lycopersicon esculentum* L.) using image processing and artificial neural network method.

Effects of astrocyte conditioned medium on neuronal AChE expression upon 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Severe ARDS Complicating an Acute Intentional Cresol Poisoning.

Locust bean gum/gellan gum double-network hydrogels with superior self-healing and pH-driven shape-memory properties.

2,3,7,8-Tetrachlorodibenzo-p-dioxin modifies alternative splicing in mouse liver.

Screening of Amaryllidaceae alkaloids in bulbs and tissue cultures of *Narcissus papyraceus* and four varieties of *N. tazetta*.

Astrocytic Oxidative/Nitrosative Stress Contributes to Parkinson's Disease Pathogenesis: The Dual Role of Reactive Astrocytes.

Bis-cations with two 2,3-diferrocenylcyclopropenium fragments stabilized with diamino-alkanes: Synthesis and cytotoxic activity.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on acetylcholinesterase during myogenic differentiation of contractile rat primary skeletal muscle cells.

Oxidative stress resistance as a factor in aging: evidence from an extended longevity phenotype of *Drosophila melanogaster*.

Detection of broadleaf weeds growing in turfgrass with convolutional neural networks.

Presenilin 1 Regulates $[Ca^{2+}]_i$ and Mitochondria/ER Interaction in Cultured Rat Hippocampal Neurons.

Effects of cenobamate (YKP3089), a newly developed anti-epileptic drug, on voltage-gated sodium channels in rat hippocampal CA3 neurons.

Application of Adaptive Neuro-Fuzzy Inference System-Non-dominated Sorting Genetic Algorithm-II (ANFIS-NSGAI) for Modeling and Optimizing Somatic Embryogenesis of *Chrysanthemum*.

Effect of the SSeCKS-TRAF6 interaction on gastrodin-mediated protection against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced astrocyte activation and neuronal death.

Neuroprotective Role of Selected Antioxidant Agents in Preventing Cisplatin-Induced Damage of Human Neurons In Vitro.

Controllable fluorescence via tuning the m-substituents of added aromatic molecules in a pyrene derivative-decorated porous skeleton.

Development of a carbon-11 PET radiotracer for imaging TRPC5 in the brain.

Panax Notoginseng Saponins Ameliorate A β -Mediated Neurotoxicity in *C. elegans* through Antioxidant Activities.

DISC1 promotes translation maintenance during sodium arsenite-induced oxidative stress.

Pollutants released from the pulp paper industry: Aquatic toxicity and their health hazards.

Thyroid and reproductive hormones in relation to pesticide use in an agricultural population in Southern Brazil.

Adverse effects of maternal dioxin exposure on fetal brain development before birth assessed by neonatal electroencephalography (EEG) leading to poor neurodevelopment; a 2-year follow-up study.

Tyrosine Hydroxylase-Positive Neuronal Cell Population is Increased by Temporal Dioxin Exposure at Early Stage of Differentiation from Human Embryonic Stem Cells.

A Nutraceutical Strategy to Slowing Down the Progression of Cone Death in an Animal Model of Retinitis Pigmentosa.

Exposure to arsenic during embryogenesis impairs olfactory sensory neuron differentiation and function into adulthood.

Thiamine and benfotiamine protect neuroblastoma cells against paraquat and A β -amyloid toxicity by a coenzyme-independent mechanism.

Gender- and dose-related metabolome alterations in rat offspring after in utero and lactational exposure to PCB 180.

Attenuation of the effects of oxidative stress by the MAO-inhibiting antidepressant and carbonyl scavenger phenelzine.

High resolution approaches for the identification of amyloid fragments in brain.

Arsenic-Induced Neurotoxicity by Dysfunctional Cholinergic and Dopaminergic System in Brain of Developing Rats.

Effects of Phenelzine Administration on Mitochondrial Function, Calcium Handling, and Cytoskeletal Degradation after Experimental Traumatic Brain Injury.

Astrocytes Do Not Forfeit Their Neuroprotective Roles After Surviving Intense Oxidative Stress.

Effects of acetochlor on neurogenesis and behaviour in zebrafish at early developmental stages.

Data on the sub-chronic toxicity in rats after 30 days of oral realgar administration and the accumulation and distribution of arsenic species.

TRPA1 channel contributes to myocardial ischemia-reperfusion injury.

Differential Free Intracellular Calcium Release by Class II Antiarrhythmics in Cancer Cell Lines.

Depressive Symptoms After PCB Exposure: Hypotheses for Underlying Pathomechanisms via the Thyroid and Dopamine System.

Protective effects of resveratrol on biomarkers of oxidative stress, biochemical and histopathological changes induced by sub-chronic oral glyphosate-based herbicide in rats.

Gut microbiota affects development and olfactory behavior in *Drosophila melanogaster*.

Simulated solar driven photolytic ozonation for the oxidation of aqueous recalcitrant-to-ozone tritosulfuron. Transformation products and toxicity.

Oxidative stress induces release of 2'-AMP from microglia.

Neuroprotective effects of baicalein in animal models of Parkinson's disease: A systematic review of experimental studies.

Radiosynthesis and in vivo evaluation of (11)C-labeled BMS-193885 and its desmethyl analog as PET tracers for neuropeptide Y1 receptors.

Study of the Potential Endocrine-Disrupting Effects of Phenylurea Compounds on Neurohypophysis Cells In Vitro.

The effects of hesperidin on sodium arsenite-induced different organ toxicity in rats on metabolic enzymes as antidiabetic and anticholinergics potentials: A biochemical approach.

TRPA1 Channel as a Regulator of Neurogenic Inflammation and Pain: Structure, Function, Role in Pathophysiology, and Therapeutic Potential of Ligands.

Synthesis and evaluation of 4-(2-fluoro-4-[(11)C]methoxyphenyl)-5-((2-methylpyridin-4-yl)methoxy)picolinamide for PET imaging of the metabotropic glutamate receptor 2 in the rat brain.

Molecular mechanism involved in cyclophosphamide-induced cardiotoxicity: Old drug with a new vision.

Is CYP1B1 involved in the metabolism of dioxins in the pig?

Newer pharmacological approaches for antioxidant neuroprotection in traumatic brain injury.

Acute glufosinate-based herbicide treatment in rats leads to increased ocular interleukin-1 β and c-Fos protein levels, as well as intraocular pressure.

Lung injury from inhaling butane hash oil mimics pneumonia.

Sleep pressure regulates mushroom body neural-glial interactions in *Drosophila*.

Toxicological evaluation of the herbicide Palace \AA [®] in *Drosophila melanogaster*.

Bioactive Lipids in Cancer, Inflammation and Related Diseases : Acute and Chronic Mild Traumatic Brain Injury Differentially Changes Levels of Bioactive Lipids in the CNS Associated with Headache.

Association of East Asian Variant Aldehyde Dehydrogenase 2 Genotype (ALDH2*2*) with Coronary Spasm and Acute Myocardial Infarction.

Synthesis and Antibacterial Activity of Mefloquine-Based Analogs Against Sensitive and Resistant *Mycobacterium tuberculosis* Strains.

Glyphosate-Induced Encephalopathy: A Case Report.

Corrigendum to "JWA antagonizes paraquat-induced neurotoxicity via activation of Nrf2" [Toxicol. Lett. 277 (August) (2017) 32-40].

Effect of sub-chronic ferrous sulfate treatment on motor skills, hematological and biochemical parameters in rats.

Estimated Residential Exposure to Agricultural Chemicals and Premature Mortality by Parkinson's Disease in Washington State.

Pneumomediastinum caused by occult paraquat poisoning: Case report.

Differential impact of pure glyphosate and glyphosate-based herbicide in a model of peripheral nervous system myelination.

Multiple effects of the herbicide glufosinate-ammonium and its main metabolite on neural stem cells from the subventricular zone of newborn mice.

Bacopa monnieri alleviates paraquat induced toxicity in Drosophila by inhibiting JNK mediated apoptosis through improved mitochondrial function and redox stabilization.

Secretogranin III may be an indicator of paraquat-induced astrocyte activation and affects the recruitment of BDNF during this process.

Effects of glyphosate on the ovarian function of pregnant mice, the secretion of hormones and the sex ratio of their fetuses.

Immunofluorescence/fluorescence assessment of brain-derived neurotrophic factor, c-Fos activation, and apoptosis in the brain of zebrafish (*Danio rerio*) larvae exposed to glufosinate.

LGK974, a PORCUPINE inhibitor, mitigates cytotoxicity in an in vitro model of Parkinson's disease by interfering with the WNT/ β -CATENIN pathway.

Müller glial dysfunction during diabetic retinopathy in rats is reduced by the acrolein-scavenging drug, 2-hydrazino-4,6-dimethylpyrimidine.

[The experimental study of diquat on the half-lethal dose and pathological injury of related organs in Wistar rats].

Evaluation of Dermal Exposure to the Herbicide Alachlor Among Vegetable Farmers in Thailand.

Exploring the potential benefit of natural product extracts in paraquat toxicity.

Role of Cerium Oxide Nanoparticles in a Paraquat-Induced Model of Oxidative Stress: Emergence of Neuroprotective Results in the Brain.

Modification of Wnt signaling pathway on paraquat-induced inhibition of neural progenitor cell proliferation.

Mutation of hop-1 and pink-1 attenuates vulnerability of neurotoxicity in *C. elegans*: the role of mitochondria-associated membrane proteins in Parkinsonism.

Paraquat and Maneb Exposure Alters Rat Neural Stem Cell Proliferation by Inducing Oxidative Stress: New Insights on Pesticide-Induced Neurodevelopmental Toxicity.

Paraquat-induced inflammatory response of microglia through HSP60/TLR4 signaling.

Protective effects of curcumin on acrolein-induced neurotoxicity in HT22 mouse hippocampal cells.

LC3-II may mediate ATR-induced mitophagy in dopaminergic neurons through SQSTM1/p62 pathway.

Acrolein-induced autophagy-dependent apoptosis via activation of the lysosomal-mitochondrial pathway in EAhy926 cells.

Protein kinase C-dependent cell damage by unsaturated carbonyl compounds in vascular cells.

Epigallocatechin-3-Gallate Protects and Prevents Paraquat-Induced Oxidative Stress and Neurodegeneration in Knockdown dj-1-^{Δ2} Drosophila melanogaster.

Perinatal Glyphosate-Based Herbicide Exposure in Rats Alters Brain Antioxidant Status, Glutamate and Acetylcholine Metabolism and Affects Recognition Memory.

NF- κ B/p53-activated inflammatory response involves in diquat-induced mitochondrial dysfunction and apoptosis.

Acute toxicity and effects of Roundup Original[®] on pintado da Amazônia.

Toxicity prediction and assessment of an environmentally realistic pesticide mixture to Daphnia magna and Raphidocelis subcapitata.

Embryonic atrazine exposure elicits proteomic, behavioral, and brain abnormalities with developmental time specific gene expression signatures.

Screening effects of metsulfuron-methyl to collembolans and earthworms: the role of adjuvant addition on ecotoxicity.

Biochemical and histological effects of sub-chronic exposure to atrazine in crayfish Cherax destructor.

Sex-specific effects of perinatal dioxin exposure on eating behavior in 3-year-old Vietnamese children.

Toxicity of some aquatic pollutants to fish.

Characteristics of acute occupational pesticide exposures reported to poison control centers in Texas, 2000-2015.

Circular RNA expression profiles in hippocampus from mice with perinatal glyphosate exposure.

A survival case of intravenous paraquat intoxication: A case report.

Acrolein-mediated neurotoxicity in growing Wistar male rats.

NFE2L2, PPARGC1 β , and pesticides and Parkinson's disease risk and progression.

Paraquat and MPTP induce alteration in the expression profile of long noncoding RNAs in the substantia nigra of mice: Role of the transcription factor Nrf2.

Evaluation of reference genes for reverse transcription-quantitative PCR assays in organs of zebrafish exposed to glyphosate-based herbicide, Roundup.

Atrazine Triggers Mitochondrial Dysfunction and Oxidative Stress in Quail (*Coturnix C. coturnix*) Cerebrum via Activating Xenobiotic-Sensing Nuclear Receptors and Modulating Cytochrome P450 Systems.

A comparison of the effects of agricultural pesticide uses on peripheral nerve conduction in China.

Metabolome disruption of pregnant rats and their offspring resulting from repeated exposure to a pesticide mixture representative of environmental contamination in Brittany.

Glyphosate affects the secretion of regulators of uterine contractions in cows while it does not directly impair the motoric function of myometrium in vitro.

Exposure to an anti-androgenic herbicide negatively impacts reproductive physiology and fertility in *Xenopus tropicalis*.

The relationship between serum ammonia level and neurologic complications in patients with acute glufosinate ammonium poisoning: A prospective observational study.

Neuroprotective effects of *Cassia tora* against paraquat-induced neurodegeneration: relevance for Parkinson's disease.

The need for independent research on the health effects of glyphosate-based herbicides.

TRPA1 mediates the cardiac effects of acrolein through parasympathetic dominance but also sympathetic modulation in mice.

Neuroprotective action of 4-Hydroxyisophthalic acid against paraquat-induced motor impairment involves amelioration of mitochondrial damage and neurodegeneration in *Drosophila*.

Glyphosate based- herbicide exposure affects gut microbiota, anxiety and depression-like behaviors in mice.

Taurine protects noradrenergic locus coeruleus neurons in a mouse Parkinson's disease model by inhibiting microglial M1 polarization.

Do recommended doses of glyphosate-based herbicides affect soil invertebrates? Field and laboratory screening tests to risk assessment.

Reversible Parkinsonism induced by acute exposure glyphosate.

Toxicity implications for early life stage Japanese medaka (*Oryzias latipes*) exposed to oxyfluorfen.

HFE Genotype Restricts the Response to Paraquat in a Mouse Model of Neurotoxicity.

Paraquat and MPTP alter microRNA expression profiles, and downregulated expression of miR-17-5p contributes to PQ-induced dopaminergic neurodegeneration.

2-Methyl-4-chlorophenoxyacetic acid (MCPA) and bromoxynil herbicide ingestion.

Taurine protects dopaminergic neurons in a mouse Parkinson's disease model through inhibition of microglial M1 polarization.

Sub-lethal effects of herbicides penoxsulam, imazamox, fluridone and glyphosate on Delta Smelt (*Hypomesus transpacificus*).

Protective effect of *Uncaria tomentosa* extract against oxidative stress and genotoxicity induced by glyphosate-Roundup® using zebrafish (*Danio rerio*) as a model.

Seizures in patients with acute pesticide intoxication, with a focus on glufosinate ammonium.

Effects of PQ's cytotoxicity on secretory vesicles in astroglia: Expression alternation of secretogranin II and its potential interaction with intracellular factors.

Lipopolysaccharide-Induced Striatal Nitrosative Stress and Impaired Social Recognition Memory Are Not Magnified by Paraquat Coexposure.

Caloric restriction ameliorates acrolein-induced neurotoxicity in rats.

Celecoxib, a cyclooxygenase-2 inhibitor, offers chemoprevention against reproductive and neurobehavioural abnormalities induced by atrazine in male Wistar rats.

Sirt3 confers protection against acrolein-induced oxidative stress in cochlear nucleus neurons.

Modelling the effects of PSII inhibitor pulse exposure on two algae in co-culture.

Induction of chronic migraine phenotypes in a rat model after environmental irritant exposure.

Sodium Selenite Prevents Paraquat-Induced Neurotoxicity in Zebrafish.

Methemoglobinemia Following Monolinuron Ingestion: A Case Report in a Child.

Changes in Sensitivity to the Effects of Atrazine on the Luteinizing Hormone Surge in Female Sprague-Dawley Rats after Repeated Daily Doses: Correlation with Liver Enzyme Expression.

Ratio of Injured Lung Volume Fraction in Prognosis Evaluation of Acute PQ Poisoning.

Evidence the U.S. autism epidemic initiated by acetaminophen (Tylenol) is aggravated by oral antibiotic amoxicillin/clavulanate (Augmentin) and now exponentially by herbicide glyphosate (Roundup).

A glyphosate micro-emulsion formulation displays teratogenicity in *Xenopus laevis*.

Acrolein toxicity at advanced age: present and future.

PBPK/PD assessment for Parkinson's disease risk posed by airborne pesticide paraquat exposure.

Neurotransmitter changes in rat brain regions following glyphosate exposure.

Mitochondrial bioenergetics and locomotor activity are altered in zebrafish (*Danio rerio*) after exposure to the bipyridylum herbicide diquat.

Neurological and Neurophysiological Findings in Workers with Chronic 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Intoxication 50 Years After Exposure.

Cellular Senescence Is Induced by the Environmental Neurotoxin Paraquat and Contributes to Neuropathology Linked to Parkinson's Disease.

[Clinical analysis of lower limb thrombosis caused by paraquat poisoning].

Necrosis in human neuronal cells exposed to paraquat.

Estrogenic and anti-androgenic effects of the herbicide tebuthiuron in male Nile tilapia (*Oreochromis niloticus*).

Effect on the dopaminergic metabolism induced by oral exposure to simazine during the prepubertal period in rats.

Paraquat affects mitochondrial bioenergetics, dopamine system expression, and locomotor activity in zebrafish (*Danio rerio*).

Effects of endosulfan, thiamethoxam, and indoxacarb in combination with atrazine on multi-biomarkers in *Gammarus kischineffensis*.

Chronic toxicity of 1,3,5-triazine herbicides in the postembryonic development of the western clawed frog *Silurana tropicalis*.

Neuroprotective Effects of Baicalein on Acrolein-induced Neurotoxicity in the Nigrostriatal Dopaminergic System of Rat Brain.

Carnosic Acid Induces Anti-Inflammatory Effects in Paraquat-Treated SH-SY5Y Cells Through a Mechanism Involving a Crosstalk Between the Nrf2/HO-1 Axis and NF- κ B.

TRPM2 Promotes Neurotoxin MPP(+)/MPTP-Induced Cell Death.

Trans-cinnamaldehyde Modulates Hippocampal Nrf2 Factor and Inhibits Amyloid Beta Aggregation in LPS-Induced Neuroinflammation Mouse Model.

Neuroprotective Activity of Some Marine Fungal Metabolites in the 6-Hydroxydopamin- and Paraquat-Induced Parkinson's Disease Models.

Letter to the editor re: Cheng, YH., Chou, WC., Yang, YF. et al. *Environ Sci Pollut Res* (2017).
<https://doi.org/10.1007/s11356-017-0875-4>.

Response to "Letter to the editor re: Cheng YH, Chou WC, Yang YF, et al. *Environ Sci Pollut Res* (2018).
<https://doi.org/10.107/s11356-017-0875-4>".

"Reversible Parkinsonism" following glyphosate exposure.

Reply for the comment on "Reversible Parkinsonism induced by acute exposure glyphosate".

Pseudomonas aeruginosa glutathione biosynthesis genes play multiple roles in stress protection, bacterial virulence and biofilm formation.

Novel action of vinpocetine in the prevention of paraquat-induced parkinsonism in mice: involvement of oxidative stress and neuroinflammation.

Cinnamaldehyde Improves Lifespan and Healthspan in *Drosophila melanogaster* Models for Alzheimer's Disease.

Acrolein Contributes to the Neuropathic Pain and Neuron Damage after Ischemic-Reperfusion Spinal Cord Injury.

Protective Effects of Brain Infarction by N-Acetylcysteine Derivatives.

Targeting Aged Astrocytes May Be a New Therapeutic Strategy in Parkinson's Disease.

Acrolein-mediated neuronal cell death and alpha-synuclein aggregation: Implications for Parkinson's disease.

Complement receptor 3 mediates NADPH oxidase activation and dopaminergic neurodegeneration through a Src-Erk-dependent pathway.

Astrocytic JWA deletion exacerbates dopaminergic neurodegeneration by decreasing glutamate transporters in mice.

The Neuroprotective Effects of Cinnamic Aldehyde in an MPTP Mouse Model of Parkinson's Disease.

Neuroprotective effects of coenzyme Q10 on paraquat-induced Parkinson's disease in experimental animals.

Purinergic receptor P2Y6 contributes to 1-methyl-4-phenylpyridinium-induced oxidative stress and cell death in neuronal SH-SY5Y cells.

Immunomodulatory and therapeutic role of *Cinnamomum verum* extracts in collagen-induced arthritic BALB/c mice.

6-OHDA-induced dopaminergic neurodegeneration in *Caenorhabditis elegans* is promoted by the engulfment pathway and inhibited by the transthyretin-related protein TTR-33.

Mutations in *Caenorhabditis elegans* neuroligin-like glit-1, the apoptosis pathway and the calcium chaperone crt-1 increase dopaminergic neurodegeneration after 6-OHDA treatment.

DJ-1 Suppresses Cytoplasmic TDP-43 Aggregation in Oxidative Stress-Induced Cell Injury.

Orofacial antinociceptive effect of *Mimosa tenuiflora* (Willd.) Poiret.

Alterations in Acrolein Metabolism Contribute to Alzheimer's Disease.

Acrolein: An Effective Biomarker for Tissue Damage Produced from Polyamines.

[The regulation of tight junction protein via PKC $\hat{\pm}$ /I $\hat{2}$ for abnormal permeability of brain microvascular endothelial cells exposed to paraquat].

Low-concentration exposure to glyphosate-based herbicide modulates the complexes of the mitochondrial respiratory chain and induces mitochondrial hyperpolarization in the *Danio rerio* brain.

Characterization of Activation of the Hypothalamic-Pituitary-Adrenal Axis by the Herbicide Atrazine in the Female Rat.

Developmental Exposure to Atrazine Impairs Spatial Memory and Downregulates the Hippocampal D1 Dopamine Receptor and cAMP-Dependent Signaling Pathway in Rats.

Chronic adriamycin treatment impairs CGRP-mediated functions of meningeal sensory nerves.

Mitochondrial ROS cause motor deficits induced by synaptic inactivity: Implications for synapse pruning.

Risk management of ochratoxigenic fungi and ochratoxin A in maize grains by bioactive EVOH films containing individual components of some essential oils.

Effects of the herbicides linuron and S-metolachlor on Perez's frog embryos.

Diuron metabolites act as endocrine disruptors and alter aggressive behavior in Nile tilapia (*Oreochromis niloticus*).

Dioxins as potential risk factors for autism spectrum disorder.

Flavin homeostasis in the mouse retina during aging and degeneration.

Hexachloronaphthalene (HxCN) as a potential endocrine disruptor in female rats.

Maternal exposure to TCDD during gestation advanced sensory-motor development, but induced impairments of spatial learning and memory in adult male rat offspring.

Prenatal exposure to persistent organic pollutants and cognition and motor performance in adolescence.

Ketogenic diet regulates the antioxidant catalase via the transcription factor PPAR γ 2.

Sperm epigenome as a marker of environmental exposure and lifestyle, at the origin of diseases inheritance.

Preliminary study of urinary arsenic concentration and arsenic methylation capacity effects on neurodevelopment in very low birth weight preterm children under 24 months of corrected age.

Anemia in Older Adults.

Mitochondrial uncoupling prodrug improves tissue sparing, cognitive outcome, and mitochondrial bioenergetics after traumatic brain injury in male mice.

Risk of Alzheimer's disease with metal concentrations in whole blood and urine: A case-control study using propensity score matching.

Neuroprotective effects of dietary borax in the brain tissue of rainbow trout (*Oncorhynchus mykiss*) exposed to copper-induced toxicity.

Comparing the Effects of Ferulic Acid and Sugarcane Aqueous Extract in In Vitro and In Vivo Neurotoxic Models.

Nitration of microtubules blocks axonal mitochondrial transport in a human pluripotent stem cell model of Parkinson's disease.

The role of molecular modelling strategies in validating the effects of chrysin on sodium arsenite-induced chromosomal and DNA damage.

Biomarkers for detection, prognosis and therapeutic assessment of neurological disorders.

Pharmacological induction of heat shock proteins ameliorates toxicity of mutant PKC δ^3 in spinocerebellar ataxia type 14.

Peak AAA fatty acid homolog contaminants present in the dietary supplement L-Tryptophan associated with the onset of eosinophilia-myalgia syndrome.

Dengue virus infection changes *Aedes aegypti* oviposition olfactory preferences.

Parental occupational pesticide exposure and nonsyndromic orofacial clefts.

Acute Maneb Exposure Significantly Alters Both Glycolysis and Mitochondrial Function in Neuroblastoma Cells.

Loop diuretic down-titration in stable chronic heart failure is often achievable, especially when urinary chloride concentration is low.

Oxymatrine attenuates lipopolysaccharide-induced acute lung injury by activating the epithelial sodium channel and suppressing the JNK signaling pathway.

ALDH2 Protects Against Ischemic Stroke in Rats by Facilitating 4-HNE Clearance and AQP4 Down-Regulation.

Low arsenic concentrations impair memory in rat offspring exposed during pregnancy and lactation: Role of $\alpha 7$ nicotinic receptor, glutamate and oxidative stress.

2,4 Dinitrophenol Attenuates Mitochondrial Dysfunction and Improves Neurobehavioral Outcomes Postanoxia in Neonatal Rats.

Toluene and methylethylketone: effect of combined exposure on their metabolism in rat.

Increasing kynurenine brain levels reduces ethanol consumption in mice by inhibiting dopamine release in nucleus accumbens.

TLQP Peptides in Amyotrophic Lateral Sclerosis: Possible Blood Biomarkers with a Neuroprotective Role.

Anti-amyloidgenic and neurotrophic effects of tetrahydroxystilbene glucoside on a chronic mitochondrial dysfunction rat model induced by sodium azide.

Possible Obesogenic Effects of Bisphenols Accumulation in the Human Brain.

Low doses of bioherbicide favour prion aggregation and propagation in vivo.

Mining a KrÄ¶hnke Pyridine Library for Anti-Arenavirus Activity.

[The establishment of the immortalized mouse brain microvascular pericytes model and its preliminary application in screening of cerebrovascular toxicants].

Stress Granule Assembly Disrupts Nucleocytoplasmic Transport.

[Three-generation study on neuroethology and cognitive ability of genetically modified maize with Cry1Ab and epsps genes on the SD rats].

Loss of the Thioretinaco Ozonide Oxygen Adenosine Triphosphate Complex from Mitochondria Produces Mitochondrial Dysfunction and Carcinogenesis.

Vocalization as a novel endpoint of atypical attachment behavior in 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed infant mice.

Microglial activation and the nitric oxide/cGMP/PKG pathway underlie enhanced neuronal vulnerability to mitochondrial dysfunction in experimental multiple sclerosis.

Cholinesterase research outreach project (CROP): point of care cholinesterase measurement in an Australian agricultural community.

The possible neuroprotective effect of ellagic acid on sodium arsenate-induced neurotoxicity in rats.

Genetic and functional analysis of the RYR1 mutation p.Thr84Met revealed a susceptibility to malignant hyperthermia.

Role of Peroxiredoxin 2 in the Protection Against Ferrous Sulfate-Induced Oxidative and Inflammatory Injury in PC12 Cells.

Effects of low-level prenatal exposure to dioxins on cognitive development in Japanese children at 42months.

Exploration of the Fecal Microbiota and Biomarker Discovery in Equine Grass Sickness.

Gestational exposure to inorganic arsenic (iAs³⁺) alters glutamate disposition in the mouse hippocampus and ionotropic glutamate receptor expression leading to memory impairment.

Differences in fecal microbial metabolites and microbiota of children with autism spectrum disorders.

PCB95 and PCB153 change dopamine levels and turn-over in PC12 cells.

Pesticide use in agriculture and Parkinson's disease in the AGRICAN cohort study.

Role of microRNAs in senescence and its contribution to peripheral neuropathy in the arsenic exposed population of West Bengal, India.

Increased CaSR and TRPC6 pulmonary vascular expression in the nitrofen-induced model of congenital diaphragmatic hernia.

Maternal residential pesticide use during pregnancy and risk of malignant childhood brain tumors: A pooled analysis of the ESCALE and ESTELLE studies (SFCE).

The Role of Cytochromes P450 in Infection.

Latent forms of the carious lesion of human lower third molars.

Novel insight into circular RNA HECTD1 in astrocyte activation via autophagy by targeting MIR142-TIPARP: implications for cerebral ischemic stroke.

[About a cresol intoxication].

[Importance of Two Birth Cohorts (n=20,926 and n=514): 15 Years' Experience of the Hokkaido Study on Environment and Children's Health: Malformation, Development and Allergy].

[Genetic and Environmental Factors in Childhood Affecting High Brain Function].

Neurotoxin-Induced Animal Models of Parkinson Disease: Pathogenic Mechanism and Assessment.

The protective action of tocopherol and acetylsalicylic acid on the behavior of rats treated with dioxins.

Dioxin induces expression of hsa-miR-146b-5p in human neuroblastoma cells.

[Amyloid-selective Photooxygenation toward Treatment for Amyloid Diseases].

Arsenic Exposure in Relation to Ischemic Stroke: The Reasons for Geographic and Racial Differences in Stroke Study.

Neuroprotective effects of hydrogen sulfide on sodium azide-induced oxidative stress in PC12 cells.

Morbidity in New Zealand pesticide producers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Perinatal Exposure to the Cyanotoxin β -N-methylamino-L-Alanine (BMAA) Results in Long-Lasting Behavioral Changes in Offspring-Potential Involvement of DNA Damage and Oxidative Stress.

Screening the ToxCast phase II libraries for alterations in network function using cortical neurons grown on multi-well microelectrode array (mwMEA) plates.

Morphological characteristics and human papillomavirus genotype predict the treatment response in cutaneous warts.

Elucidating Conserved Transcriptional Networks Underlying Pesticide Exposure and Parkinson's Disease: A Focus on Chemicals of Epidemiological Relevance.

Parkinsonian Neurotoxins Impair the Pro-inflammatory Response of Glial Cells.

Animal Models of Parkinson's Disease.

Release and toxicity of adipose tissue-stored TCDD: Direct evidence from a xenografted fat model.

Pesticide toxicity: a mechanistic approach.

Metabolism and disposition of arsenic species from controlled dosing with sodium arsenite in adult female CD-1 mice. III. Toxicokinetic studies following oral and intravenous administration.

Developmental Neurotoxicity of Arsenic: Involvement of Oxidative Stress and Mitochondrial Functions.

The effect of prenatal exposure on disposition of hexachloronaphthalene in female Wistar rats and fetal compartment.

Nrf2 Signaling in Sodium Azide-Treated Oligodendrocytes Restores Mitochondrial Functions.

PCB 95 promotes dendritic growth in primary rat hippocampal neurons via mTOR-dependent mechanisms.

Correction to: Epigallocatechin-3-Gallate Protects and Prevents Paraquat-Induced Oxidative Stress and Neurodegeneration in Knockdown *dj-1*^Δ *Drosophila melanogaster*.

Prolonged DADLE exposure epigenetically promotes Bcl-2 expression and elicits neuroprotection in primary rat cortical neurons via the PI3K/Akt/NF- κ B pathway.

Ingestion of subthreshold doses of environmental toxins induces ascending Parkinsonism in the rat.

Psychic euosmia and obsessive compulsive personality disorder.

Ultrasensitive Photoelectrochemical Biosensing Platform for Detecting N-Terminal Pro-brain Natriuretic Peptide Based on SnO(2)/SnS(2)/mpg-C(3)N(4) Amplified by PbS/SiO(2).

sox9b is required in cardiomyocytes for cardiac morphogenesis and function.

n-Propranol extract of boiled and fermented koro benguk (*Mucuna pruriens* seed) shows a neuroprotective effect in paraquat dichloride-induced Parkinson's disease rat model.

Inter-relationships among physical dimensions, distal-proximal rank orders, and basal GCaMP fluorescence levels in Ca(2+) imaging of functionally distinct synaptic boutons at *Drosophila* neuromuscular junctions.

Delayed death following paraquat poisoning: three case reports and a literature review.

Low dose exposure to HBCD, CB-153 or TCDD induces histopathological and hormonal effects and changes in brain protein and gene expression in juvenile female BALB/c mice.

Transcriptomic and methylomic analysis reveal the toxicological effect of 2,3,7,8-Tetrachlorodibenzodioxin on human embryonic stem cell.

Protective Effect of Hydroxytyrosol Against Oxidative Stress Mediated by Arsenic-Induced Neurotoxicity in Rats.

Arsenic-containing hydrocarbons disrupt a model in vitro blood-cerebrospinal fluid barrier.

Early-life stress induces motor coordination dysfunction in adult mice.

The Aryl Hydrocarbon Receptor and the Nervous System.

Synaptic Mitochondria are More Susceptible to Traumatic Brain Injury-induced Oxidative Damage and Respiratory Dysfunction than Non-synaptic Mitochondria.

Complete host specificity test plant list and associated data to assess host specificity of *Archanara geminipuncta* and *Archanara neurica*, two potential biocontrol agents for invasive *Phragmites australis* in North America.

Gut microbiota influences Alzheimer's disease pathogenesis by regulating acetate in *Drosophila* model.

Photocatalytic decomposition of selected biologically active compounds in environmental waters using TiO(2)/polyaniline nanocomposites: Kinetics, toxicity and intermediates assessment.

Acetyl-L-Carnitine Attenuates Arsenic-Induced Oxidative Stress and Hippocampal Mitochondrial Dysfunction.

Modulation of the Oxidative Stress and Lipid Peroxidation by Endocannabinoids and Their Lipid Analogues.

Author Correction: Next generation histology methods for three-dimensional imaging of fresh and archival human brain tissues.

Homogeneous Entropy Catalytic-Driven DNA Hydrogel as Strong Signal Blocker for Highly Sensitive Electrochemical Detection of Platelet-Derived Growth Factor.

PI3K/Akt/GSK3 β induced CREB activation ameliorates arsenic mediated alterations in NMDA receptors and associated signaling in rat hippocampus: Neuroprotective role of curcumin.

The impact of short-chain fatty acids on GLP-1 and PYY secretion from the isolated perfused rat colon.

Phospholipase D β assists to cortical microtubule recovery after salt stress.

Pharmacologic modeling of primary mitochondrial respiratory chain dysfunction in zebrafish.

Gain-of-function mutation of AtDICE1, encoding a putative endoplasmic reticulum-localized membrane protein, causes defects in anisotropic cell elongation by disturbing cell wall integrity in Arabidopsis.

Systemic Acrolein Elevations in Mice With Experimental Autoimmune Encephalomyelitis and Patients With Multiple Sclerosis.

Plasma Oligomeric Beta Amyloid in Alzheimer's Disease with History of Agent Orange Exposure.

A stress-enhanced model for discovery of disease-modifying gene: Ece1-suppresses the toxicity of β -synuclein A30P.

Continuous Infusion of Phenezine, Cyclosporine A, or Their Combination: Evaluation of Mitochondrial Bioenergetics, Oxidative Damage, and Cytoskeletal Degradation following Severe Controlled Cortical Impact Traumatic Brain Injury in Rats.

Ecotoxicological potential of the biocides terbutryn, octhlinone and methylisothiazolinone: Underestimated risk from biocidal pathways?

Novel Conducting and Biodegradable Copolymers with Noncytotoxic Properties toward Embryonic Stem Cells.

The Role of Uron and Chlorobenzene Derivatives, as Potential Endocrine Disrupting Compounds, in the Secretion of ACTH and PRL.

Solvents Effects on Film Morphologies and Memory Behavior of a Perylenediimide-Containing Pendent Polymer.

PAM-OBG: A monoamine oxidase B specific prodrug that inhibits MGMT and generates DNA interstrand crosslinks, potentiating temozolomide and chemoradiation therapy in intracranial glioblastoma.

Anterograde Amnesia after Acute Glufosinate Ammonium Intoxication.

Palmitic acid induces neurotoxicity and gliatotoxicity in SH-SY5Y human neuroblastoma and T98G human glioblastoma cells.

Dietary cyanogen exposure and early child neurodevelopment: An observational study from the Democratic Republic of Congo.

A Three-Ring Circus: Metabolism of the Three Proteogenic Aromatic Amino Acids and Their Role in the Health of Plants and Animals.

Clostridium Bacteria and Autism Spectrum Conditions: A Systematic Review and Hypothetical Contribution of Environmental Glyphosate Levels.

Prenatal exposure to glycol ethers and sex steroid hormones at birth.

Neurocognitive and physical functioning in the Seveso Women's Health Study.

Arsenic Attenuates Heparin-Binding EGF-Like Growth Factor/EGFR Signaling That Promotes Matrix Metalloprotease 9-Dependent Astrocyte Damage in the Developing Rat Brain.

Neuromodulatory Burst Therapy for Agent Orange-Induced Peripheral Neuropathy: A Case Report.

Rapid activity-dependent modulation of the intrinsic excitability through up-regulation of KCNQ/Kv7 channel function in neonatal spinal motoneurons.

AHR2 required for normal behavioral responses and proper development of the skeletal and reproductive systems in zebrafish.

Differential microRNA expression in the prefrontal cortex of mouse offspring induced by glyphosate exposure during pregnancy and lactation.

Arsenic Induces Members of the mmu-miR-466-669 Cluster Which Reduces NeuroD1 Expression.

The maturation state of the auditory nerve and brainstem in rats exposed to lead acetate and supplemented with ferrous sulfate.

The Initiation Factors eIF2, eIF2A, eIF2D, eIF4A, and eIF4G Are Not Involved in Translation Driven by Hepatitis C Virus IRES in Human Cells.

[Health Risk Assessment of Volatile Organic Compounds for Different Commuting Modes].

Correction to: Paraquat-Induced Movement Disorder in Relation to Oxidative Stress-Mediated Neurodegeneration in the Brain of *Drosophila melanogaster*.

Pink1 attenuates propofol-induced apoptosis and oxidative stress in developing neurons.

Effects of arsenolipids on in vitro blood-brain barrier model.

A hierarchical testing strategy for micropollutants in drinking water regarding their potential endocrine-disrupting effects-towards health-related indicator values.

High-efficiency production of bioactive oleosin-basic fibroblast growth factor in *A. thaliana* and evaluation of wound healing.

Oxidative stress promotes exit from the stem cell state and spontaneous neuronal differentiation.

In BPS1 Downregulated Roots, the BYPASS1 Signal Disrupts the Induction of Cortical Cell Divisions in Bean-Rhizobium Symbiosis.

Novel Biosensors for the Rapid Detection of Toxicants in Foods.

Cigarette Smoke Extract Disrupts Transcriptional Activities Mediated by Thyroid Hormones and Its Receptors.

Antifouling processes and toxicity effects of antifouling paints on marine environment. A review.

Division Plane Orientation Defects Revealed by a Synthetic Double Mutant Phenotype.

Seasonal implications on toxicity biomarkers of *Loricariichthys anus* (Valenciennes, 1835) from a subtropical reservoir.

Effect of Wnt1 and Wnt5a on the development of dopaminergic neurons, and toxicity induced by combined exposure to paraquat and maneb during gestation and lactation.

Oral Exposure to Paraquat Triggers Earlier Expression of Phosphorylated $\hat{\pm}$ -Synuclein in the Enteric Nervous System of A53T Mutant Human $\hat{\pm}$ -Synuclein Transgenic Mice.

Glyphosate and Roundup($\hat{\text{A}}^{\text{®}}$) alter morphology and behavior in zebrafish.

The rise of glyphosate and new opportunities for biosentinel early-warning studies.

Effect of resveratrol and tetracycline on the subacute paraquat toxicity in mice.

Facts and Fallacies in the Debate on Glyphosate Toxicity.

Dopaminergic Dysfunction in Mammalian Dopamine Neurons Induced by Simazine Neurotoxicity.

Behavioral impairments following repeated intranasal glyphosate-based herbicide administration in mice.

Personal exposure and health risk assessment of carbonyls in family cars and public transports-a comparative study in Nanjing, China.

Diminished Conspecific Odor Recognition in the Rusty Crayfish (*Orconectes rusticus*) Following a 96-h Exposure to Atrazine.

Exposure to atrazine alters behaviour and disrupts the dopaminergic system in *Drosophila melanogaster*.

Paraquat exposure-induced Parkinson's disease-like symptoms and oxidative stress in *Drosophila melanogaster*: Neuroprotective effect of *Bougainvillea glabra* Choisy.

Exposure of frogs and tadpoles to chiral herbicide fenoxaprop-ethyl.

Paraquat-Induced Movement Disorder in Relation to Oxidative Stress-Mediated Neurodegeneration in the Brain of *Drosophila melanogaster*.

Assessing neurodevelopmental effects of arsenolipids in pre-differentiated human neurons.

Epi/perineural and Schwann Cells as Well as Perineural Sheath Integrity are Affected Following 2,4-D Exposure.

Preparation, characterization, and application of TiO₂-patterned polyimide film as a photocatalyst for oxidation of organic contaminants.

Influence of sublethal doses of acetamiprid and halosulfuron-methyl on metabolites of zebra fish (*Brachydanio rerio*).

Occupational pesticide use and Parkinson's disease in the Parkinson Environment Gene (PEG) study.

Oxidative stress in the hybrid fish jundiara (*Leiarius marmoratus* × *Pseudoplatystoma reticulatum*) exposed to Roundup Original®.

Integrated analysis of paraquat-induced microRNAs-mRNAs changes in human neural progenitor cells.

A study on the modulation of alpha-synuclein fibrillation by *Scutellaria pinnatifida* extracts and its neuroprotective properties.

Atrazine induced epigenetic transgenerational inheritance of disease, lean phenotype and sperm epimutation pathology biomarkers.

Wnt/ β -catenin signaling plays an essential role in α 7 nicotinic receptor-mediated neuroprotection of dopaminergic neurons in a mouse Parkinson's disease model.

Primary hippocampal neuronal cell death induction after acute and repeated paraquat exposures mediated by AChE variants alteration and cholinergic and glutamatergic transmission disruption.

Assessment of the oxidative and neurotoxic effects of glyphosate pesticide on the larvae of *Rhamdia quelen* fish.

Toxicity of two classes of arsenolipids and their water-soluble metabolites in human differentiated neurons.

Exogenous Acrolein intensifies sensory hypersensitivity after spinal cord injury in rat.

JWA antagonizes paraquat-induced neurotoxicity via activation of Nrf2.

The toxic influence of paraquat on hippocampal neurogenesis in adult mice.

Respiratory Effects and Systemic Stress Response Following Acute Acrolein Inhalation in Rats.

In vivo cardiovascular toxicity induced by acetochlor in zebrafish larvae.

Biological impacts of glyphosate on morphology, embryo biomechanics and larval behavior in zebrafish (*Danio rerio*).

An approach to clarify the effect mechanism of glyphosate on body malformations during embryonic development of zebrafish (*Danio rerio*).

Tanshinone I Induces Mitochondrial Protection through an Nrf2-Dependent Mechanism in Paraquat-Treated Human Neuroblastoma SH-SY5Y Cells.

Chronic Treatment with Paraquat Induces Brain Injury, Changes in Antioxidant Defenses System, and Modulates Behavioral Functions in Zebrafish.

Multitarget trehalose-carnosine conjugates inhibit Al^{2+} aggregation, tune copper(II) activity and decrease acrolein toxicity.

Paraquat Induces Peripheral Myelin Disruption and Locomotor Defects: Crosstalk with LXR and Wnt Pathways.

Developmental exposure to glyphosate-based herbicide and depressive-like behavior in adult offspring: Implication of glutamate excitotoxicity and oxidative stress.

Metabolic profiling of goldfish (*Carassius auratus*) after long-term glyphosate-based herbicide exposure.

A full life-cycle bioassay with *Cantareus aspersus* shows reproductive effects of a glyphosate-based herbicide suggesting potential endocrine disruption.

Glucose Metabolism and AMPK Signaling Regulate Dopaminergic Cell Death Induced by Gene (α -Synuclein)-Environment (Paraquat) Interactions.

Mechanisms of Gene-Environment Interactions in Parkinson's Disease.

Serum S100 protein could predict altered consciousness in glyphosate or glufosinate poisoning patients.

Dimercaprol is an acrolein scavenger that mitigates acrolein-mediated PC-12 cells toxicity and reduces acrolein in rat following spinal cord injury.

Effects of Roundup formulations on biochemical biomarkers and male sperm quality of the livebearing *Jenynsia multidentata*.

Mfn2 protects dopaminergic neurons exposed to paraquat both in vitro and in vivo: Implications for idiopathic Parkinson's disease.

TRPA1 mediates changes in heart rate variability and cardiac mechanical function in mice exposed to acrolein.

Paraquat and Parkinson's disease: a systematic review protocol according to the OHAT approach for hazard identification.

A novel zebrafish-based model of nociception.

Endocrine and physiological effects of linuron and S-metolachlor in zebrafish developing embryos.

Potential mechanisms of development-dependent adverse effects of the herbicide paraquat in 3D rat brain cell cultures.

Symptoms from masked acrolein exposure suggest altered trigeminal reactivity in chemical intolerance.

Minocycline protects, rescues and prevents knockdown transgenic parkin *Drosophila* against paraquat/iron toxicity: Implications for autosomic recessive juvenile parkinsonism.

Paraquat poisoning: Acute lung injury - a missed diagnosis.

Acrolein acts as a neurotoxin in the nigrostriatal dopaminergic system of rat: involvement of α -synuclein aggregation and programmed cell death.

A study of the age-related effects of lactational atrazine exposure.

Joint Toxicity of Arsenic, Copper and Glyphosate on Behavior, Reproduction and Heat Shock Protein Response in *Caenorhabditis elegans*.

Paraquat and maneb co-exposure induces noradrenergic locus coeruleus neurodegeneration through NADPH oxidase-mediated microglial activation.

Atrazine exposure elicits copy number alterations in the zebrafish genome.

Synergism between soluble guanylate cyclase signaling and neuropeptides extends lifespan in the nematode *Caenorhabditis elegans*.

Glyphosate Adversely Affects *Danio rerio* Males: Acetylcholinesterase Modulation and Oxidative Stress.

Frequently asked questions about chlorophyll fluorescence, the sequel.

Effects of decreased dopamine transporter levels on nigrostriatal neurons and paraquat/maneb toxicity in mice.

Performance of a novel atrazine-induced cerebellar toxicity in quail (*Coturnix C. coturnix*): Activating PXR/CAR pathway responses and disrupting cytochrome P450 homeostasis.

Phycoerythrin averts intracellular ROS generation and physiological functional decline in eukaryotes under oxidative stress.

Perinatal exposure to glyphosate-based herbicide alters the thyrotrophic axis and causes thyroid hormone homeostasis imbalance in male rats.

Overlooking relevant confounders in the assessment of pesticides and human health: a reply to Mostafalou and Abdollahi.

Micronuclei and other nuclear abnormalities on *Caiman latirostris* (Broad-snouted caiman) hatchlings after embryonic exposure to different pesticide formulations.

Development and characterization of a human embryonic stem cell-derived 3D neural tissue model for neurotoxicity testing.

Use of a suite of biomarkers to assess the effects of carbamazepine, bisphenol A, atrazine, and their mixtures on green mussels, *Perna viridis*.

Protective effects of activated signaling pathways by insulin on C6 glial cell model of MPP(+)-induced Parkinson's disease.

[Alterations of miRNA profiles and function analysis in paraquat-induced apoptosis of hNPCs].

Organophosphorus Xenobiotic Toxicology.

Protective action of Omega-3 on paraquat intoxication in *Drosophila melanogaster*.

Vasculitic Neuropathy Following Exposure to a Glyphosate-based Herbicide.

[Unexplored Chemical Reactions of Endogenous Acrolein: Detection, Toxicity, and Biological Roles].

Tualang Honey Protects the Rat Midbrain and Lung against Repeated Paraquat Exposure.

The effect of glyphosate-based herbicide Roundup and its co-formulant, POEA, on the motoric activity of rat intestine - In vitro study.

Evaluation of 8-hydroxy-2-deoxyguanosine and NFkB activation, oxidative stress response, acetylcholinesterase activity, and histopathological changes in rainbow trout brain exposed to linuron.

Curcumin attenuates paraquat-induced cell death in human neuroblastoma cells through modulating oxidative stress and autophagy.

Effects of oral administration of 2,4-dichlorophenoxyacetic acid (2,4-D) on reproductive parameters in male Wistar rats.

Pentachlorophenol affected both reproductive and interrenal systems: In silico and in vivo evidence.

A Nigro-Vagal Pathway Controls Gastric Motility and Is Affected in a Rat Model of Parkinsonism.

Acrolein Scavenger Hydralazine Prevents Streptozotocin-Induced Painful Diabetic Neuropathy and Spinal Neuroinflammation in Rats.

Pinocembrin Provides Mitochondrial Protection by the Activation of the Erk1/2-Nrf2 Signaling Pathway in SH-SY5Y Neuroblastoma Cells Exposed to Paraquat.

Supplementation of Spirulina (*Arthrospira platensis*) Improves Lifespan and Locomotor Activity in Paraquat-Sensitive DJ-1^{Δ93} Flies, a Parkinson's Disease Model in *Drosophila melanogaster*.

Combined Catalase and ADH Inhibition Ameliorates Ethanol-Induced Myocardial Dysfunction Despite Causing Oxidative Stress in Conscious Female Rats.

Individual Amino Acid Supplementation Can Improve Energy Metabolism and Decrease ROS Production in Neuronal Cells Overexpressing Alpha-Synuclein.

Cinnamaldehyde in diabetes: A review of pharmacology, pharmacokinetics and safety.

Clathrin-Dependent Uptake of Paraquat into SH-SY5Y Cells and Its Internalization into Different Subcellular Compartments.

Curcumin Rescues a PINK1 Knock Down SH-SY5Y Cellular Model of Parkinson's Disease from Mitochondrial Dysfunction and Cell Death.

Mild MPP(+) exposure-induced glucose starvation enhances autophagosome synthesis and impairs its degradation.

Phenelzine Protects Brain Mitochondrial Function In Vitro and In Vivo following Traumatic Brain Injury by Scavenging the Reactive Carbonyls 4-Hydroxynonenal and Acrolein Leading to Cortical Histological Neuroprotection.

Mucuna pruriens reduces inducible nitric oxide synthase expression in Parkinsonian mice model.

Knockdown transgenic Lrrk Drosophila resists paraquat-induced locomotor impairment and neurodegeneration: A therapeutic strategy for Parkinson's disease.

Protecting cells by protecting their vulnerable lysosomes: Identification of a new mechanism for preserving lysosomal functional integrity upon oxidative stress.

(-)-Î±-Bisabolol reduces orofacial nociceptive behavior in rodents.

Antipruritic Effect of Cold-induced and Transient Receptor Potential-agonist-induced Counter-irritation on Histaminergic Itch in Humans.

Local upregulation of transient receptor potential ankyrin 1 and transient receptor potential vanilloid 1 ion channels in rectosigmoid deep infiltrating endometriosis.

Cinnamaldehyde Analogues as Potential Therapeutic Agents.

A CRISPR screen identifies a pathway required for paraquat-induced cell death.

Protective effect of cinnamaldehyde against glutamate-induced oxidative stress and apoptosis in PC12 cells.

Combination of quercetin, cinnamaldehyde and hirudin protects rat dorsal root ganglion neurons against high glucose-induced injury through Nrf-2/HO-1 activation and NF-Î²B inhibition.

Investigation of the Importance of Multidrug Resistance-Associated Protein 4 (Mrp4/Abcc4) in the Active Efflux of Anionic Drugs Across the Blood-Brain Barrier.

Biodegradation of diuron by an endophytic fungus Neurospora intermedia DP8-1 isolated from sugarcane and its potential for remediating diuron-contaminated soils.

ROS regulation of axonal mitochondrial transport is mediated by Ca²⁺ and JNK in Drosophila.

Morus alba leaf extract mediates neuroprotection against glyphosate-induced toxicity and biochemical alterations in the brain.

Nostril Advantage in Trigeminal/Olfactory Perception and Its Relation to Handedness.

Neurodevelopmental disorders and pesticide exposure: the northeastern Italian experience.

The Mitochondrial Lon Protease Is Required for Age-Specific and Sex-Specific Adaptation to Oxidative Stress.

Isoflavones Induce BEX2-Dependent Autophagy to Prevent ATR-Induced Neurotoxicity in SH-SY5Y Cells.

Electrophilic aldehyde products of lipid peroxidation selectively adduct to heat shock protein 90 and arylsulfatase A in stallion spermatozoa.

Behavioral effects and neuroanatomical targets of acute atrazine exposure in the male Sprague-Dawley rat.

A serine/threonine phosphatase 1 of Streptococcus suis type 2 is an important virulence factor.

Impact of the Oral Adsorbent AST-120 on Organ-Specific Accumulation of Uremic Toxins: LC-MS/MS and MS Imaging Techniques.

[Comparative study of pain releasing effect of two approaches to acute pulpitis in the night emergency].

Systematic Assessment of Research on Autism Spectrum Disorder (ASD) and Mercury Reveals Conflicts of Interest and the Need for Transparency in Autism Research.

Investigation on effect of basalin coated silver nanoparticles as antioxidant for alleviating peripheral neuropathy in mice treated with oxaliplatin.

From the Cover: High Susceptibility of Lrig1 Sebaceous Stem Cells to TCDD in Mice.

Neuropsychological effects of occupational exposure to polychlorinated biphenyls.

Aqueous extract of *Securidaca longipendunculata* Oliv. and *Oxalis subscropioidea* inhibits key enzymes (acetylcholinesterase and butyrylcholinesterase) linked with Alzheimer's disease in vitro.

Mitochondrial Uncoupling Attenuates Age-Dependent Neurodegeneration in *C. elegans*.

Effects of Commonly Used Pesticides in China on the Mitochondria and Ubiquitin-Proteasome System in Parkinson's Disease.

Obesogenic endocrine disruptors and obesity: myths and truths.

Aryl Hydrocarbon Receptor Ablation in Cardiomyocytes Protects Male Mice From Heart Dysfunction Induced by NKX2.5 Haploinsufficiency.

Antioxidant activity of oleuropein and semisynthetic acetyl-derivatives determined by measuring malondialdehyde in rat brain.

Sex-specific differences in effect of prenatal exposure to dioxin-like compounds on neurodevelopment in Japanese children: Sapporo cohort study.

[Sensory axonal polyneuropathy due to 2,4-dinitrophenol].

The neurotoxicant PCB-95 by increasing the neuronal transcriptional repressor REST down-regulates caspase-8 and increases Ripk1, Ripk3 and MLKL expression determining necroptotic neuronal death.

Mitochondrial uncoupling in the melanocortin system differentially regulates NPY and POMC neurons to promote weight-loss.

Environmental exposure to pesticides and the risk of Parkinson's disease in the Netherlands.

Residential proximity to agricultural fumigant use and IQ, attention and hyperactivity in 7-year old children.

TCDD-induced mitochondrial superoxide production does not lead to mitochondrial degeneration or genomic instability in human SH-SY5Y neuroblastoma cells.

Inhibition of Cx43 mediates protective effects on hypoxic/reoxygenated human neuroblastoma cells.

Carnosic Acid Protects Mitochondria of Human Neuroblastoma SH-SY5Y Cells Exposed to Paraquat Through Activation of the Nrf2/HO-1 Axis.

Skeletal and dental effects on rats following in utero/lactational exposure to the non-dioxin-like polychlorinated biphenyl PCB 180.

Anemia after continuous-flow left ventricular assist device implantation: characteristics and implications.

LncRNA H19 and Target Gene-mediated Cleft Palate Induced by TCDD.

The anti-migraine component of butterbur extracts, isopetasin, desensitizes peptidergic nociceptors by acting on TRPA1 cation channel.

Neurocognitive disorders and chronic manganese exposure.

Oxoisoporphine alkaloid derivative 8-1 reduces A β (1-42) secretion and toxicity in human cell and Caenorhabditis elegans models of Alzheimer's disease.

Assessing the Impact of Lithium Chloride on the Expression of P-Glycoprotein at the Blood-Brain Barrier.

Visual light effects on mitochondria: The potential implications in relation to glaucoma.

The Complex Biology of the Aryl Hydrocarbon Receptor and Its Role in the Pituitary Gland.

Tert-butylhydroquinone protects PC12 cells against ferrous sulfate-induced oxidative and inflammatory injury via the Nrf2/ARE pathway.

Iron Supplementation, Response in Iron-Deficiency Anemia: Analysis of Five Trials.

Multidirectional inhibition of cortico-hippocampal neurodegeneration by kolaviron treatment in rats.

Pesticide Use and Age-Related Macular Degeneration in the Agricultural Health Study.

Pikuni-Blackfeet traditional medicine: Neuroprotective activities of medicinal plants used to treat Parkinson's disease-related symptoms.

Correlation Between Nasal Epithelial Injury and In Vitro Cytotoxicity Using a Series of Small Molecule Protein Tyrosine Phosphatase 1B Inhibitors Investigated for Reversal of Leptin Resistance in Obesity.

Thiamine and benfotiamine prevent stress-induced suppression of hippocampal neurogenesis in mice exposed to predation without affecting brain thiamine diphosphate levels.

Rho guanine nucleotide exchange factor (RGNEF) is a prosurvival factor under stress conditions.

Editor's Highlight: Base Excision Repair Variants and Pesticide Exposure Increase Parkinson's Disease Risk.

Amyloid fibril systems reduce, stabilize and deliver bioavailable nanosized iron.

2,4 DNP improves motor function, preserves medium spiny neuronal identity, and reduces oxidative stress in a mouse model of Huntington's disease.

Forty to fifty-five-year-old women and iron deficiency: clinical considerations and quality of life.

Protective effect of hydroxytyrosol in arsenic-induced mitochondrial dysfunction in rat brain.

Mitochondrion to endoplasmic reticulum apposition length in zebrafish embryo spinal progenitors is unchanged in response to perturbations associated with Alzheimer's disease.

Sulphaemoglobinaemia caused by ferrous sulfate.

Effect of Low-Dose Ferrous Sulfate vs Iron Polysaccharide Complex on Hemoglobin Concentration in Young Children With Nutritional Iron-Deficiency Anemia: A Randomized Clinical Trial.

The history of arsenical pesticides and health risks related to the use of Agent Blue.

Evaluation of processed borax as antidote for aconite poisoning.

Progesterone resistance in endometriosis: origins, consequences and interventions.

Neuroprotective effects of 2,4-dinitrophenol in an acute model of Parkinson's disease.

Oral administration of trace element magnesium significantly improving the cognition and locomotion in hepatic encephalopathy rats.

Dioxins and related environmental contaminants increase TDP-43 levels.

Sodium azide suppresses LPS-induced expression MCP-1 through regulating $\text{I}\kappa\text{B}\alpha$ and STAT1 activities in macrophages.

DNP, mitochondrial uncoupling, and neuroprotection: A little dab'll do ya.

Fecal metagenomic profiles in subgroups of patients with myalgic encephalomyelitis/chronic fatigue syndrome.

[A group of occupational acute methyl bromide poisoning incident].

Adamantyl- and other polycyclic cage-based conjugates of desferrioxamine B (DFOB) for treating iron-mediated toxicity in cell models of Parkinson's disease.

Free radicals impair the anti-oxidative stress activity of DJ-1 through the formation of SDS-resistant dimer.

Tyrosine kinase inhibition is an important factor for gene expression of CRTH2 in human eosinophils and lymphocytes: A novel mechanism for explaining eosinophils recruitment by the neuro-immune axis in allergic rhinitis.

Evaluation of sodium arsenite exposure on reproductive competence in pregnant and postlactational dams and their offspring.

Intracellular ATP in balance of pro- and anti-inflammatory cytokines in adipose tissue with and without tissue expansion.

Protective effects of levamisole, acetylsalicylic acid, and α -tocopherol against dioxin toxicity measured as the expression of AhR and COX-2 in a chicken embryo model.

Prenatal Exposure to Glycol Ethers and Neurocognitive Abilities in 6-Year-Old Children: The PELAGIE Cohort Study.

IL-27 triggers IL-10 production in Th17 cells via a c-Maf/ROR γ t/Blimp-1 signal to promote the progression of endometriosis.

[Pollution Characteristics of Chlorobenzenes in Organs of Fish from Typical Epidemic Areas of Schistosomiasis Prevalence].

A path analysis of multiple neurotoxic chemicals and cognitive functioning in older US adults (NHANES 1999-2002).

Hyperglycemia enhances arsenic-induced platelet and megakaryocyte activation.

Fluoride and arsenic exposure affects spatial memory and activates the ERK/CREB signaling pathway in offspring rats.

Acute esophageal injury and strictures following corrosive ingestions in a 27year cohort.

Lower sulfurtransferase detoxification rates of cyanide in konzo-A tropical spastic paralysis linked to cassava cyanogenic poisoning.

Influence of iron on modulation of the antioxidant system in rat brains exposed to lead.

From the Cover: Embryonic Exposure to TCDD Impacts Osteogenesis of the Axial Skeleton in Japanese medaka, *Oryzias latipes*.

An iron-deficient diet during development induces oxidative stress in relation to age and gender in Wistar rats.

Pesticides: an update of human exposure and toxicity.

Decreased sensitivity of palmitoyl protein thioesterase 1-deficient neurons to chemical anoxia.

Imbalance of NFATc2 and KV1.5 Expression in Rat Pulmonary Vasculature of Nitrofen-Induced Congenital Diaphragmatic Hernia.

Auxilin Underlies Progressive Locomotor Deficits and Dopaminergic Neuron Loss in a *Drosophila* Model of Parkinson's Disease.

Accelerated Bone Regeneration by Two-Photon Photoactivated Carbon Nitride Nanosheets.

Environmental stresses induce transgenerationally inheritable survival advantages via germline-to-soma communication in *Caenorhabditis elegans*.

[Molecular Mechanism Whereby Maternal Exposure to Dioxin Suppresses Sexual Maturation of the Offspring after Growing Up].

Effects of high fat diet and perinatal dioxin exposure on development of body size and expression of platelet-derived growth factor receptor β in the rat brain.

Mitochondrial Uncoupler Prodrug of 2,4-Dinitrophenol, MP201, Prevents Neuronal Damage and Preserves Vision in Experimental Optic Neuritis.

The MPTP Story.

A Method for Diagnosing Alzheimer's Disease Based on Salivary Amyloid- β Protein 42 Levels.

Interaction patterns and toxicities of binary and ternary pesticide mixtures to *Daphnia magna* estimated by an accelerated failure time model.

Ion Imbalance Is Involved in the Mechanisms of Liver Oxidative Damage in Rats Exposed to Glyphosate.

Occurrence of commonly used pesticides in personal air samples and their associated health risk among paddy farmers.

Receptor-interacting protein 140 as a co-repressor of Heat Shock Factor 1 regulates neuronal stress response.

Identification of differentially expressed genes response to TCDD in rat brain after long-term low-dose exposure.

Differential cytotoxicity and intracellular calcium-signalling following activation of the calcium-permeable ion channels TRPV1 and TRPA1.

Hexachlorobenzene as a persistent organic pollutant: Toxicity and molecular mechanism of action.

Lung regeneration after toxic injury is improved in absence of dioxin receptor.

[^{11}C]PF-3274167 as a PET radiotracer of oxytocin receptors: Radiosynthesis and evaluation in rat brain.

A multimethod computational simulation approach for investigating mitochondrial dynamics and dysfunction in degenerative aging.

Time courses of post-injury mitochondrial oxidative damage and respiratory dysfunction and neuronal cytoskeletal degradation in a rat model of focal traumatic brain injury.

Neuroprotective effects of hydrogen sulfide on sodium azide-induced autophagic cell death in PC12 cells.

Paraquat and MPTP induce neurodegeneration and alteration in the expression profile of microRNAs: the role of transcription factor Nrf2.

In vitro screening of neuroprotective activity of Indian medicinal plant *Withania somnifera*.

Visible-Light Neural Stimulation on Graphitic-Carbon Nitride/Graphene Photocatalytic Fibers.

Polychlorinated biphenyls and depression: cross-sectional and longitudinal investigation of a dopamine-related Neurochemical path in the German HELPCB surveillance program.

Cu(ii) immobilized on Fe(3)O(4)@APTMS-DFX nanoparticles: an efficient catalyst for the synthesis of 5-substituted 1H-tetrazoles with cytotoxic activity.

Microtubule array observed in the posterior-vegetal cortex during cytoplasmic and cortical reorganization of the ascidian egg.

Phospholipase D $\hat{1}$ negatively regulates plant thermotolerance by destabilizing cortical microtubules in Arabidopsis.

Evaluation of a vital staining protocol with 2,3,5-triphenyltetrazolium chloride for cancellous bone in a sheep model.

Biosensor Technology Reveals the Disruption of the Endothelial Barrier Function and the Subsequent Death of Blood Brain Barrier Endothelial Cells to Sodium Azide and Its Gaseous Products.

Benzene exposure is associated with cardiovascular disease risk.

Sodium Arsenite-Induced Learning and Memory Impairment Is Associated with Endoplasmic Reticulum Stress-Mediated Apoptosis in Rat Hippocampus.

Protective efficacy of various carbonyl compounds and their metabolites, and nutrients against acute toxicity of some cyanogens in rats: biochemical and physiological studies.

Tissue-specific distributions of inorganic arsenic and its methylated metabolites, especially in cerebral cortex, cerebellum and hippocampus of mice after a single oral administration of arsenite.

CDC42 expression is altered by dioxin exposure and mediated by multilevel regulations via AhR in human neuroblastoma cells.

Impaired dendritic growth and positioning of cortical pyramidal neurons by activation of aryl hydrocarbon receptor signaling in the developing mouse.

Behavioral and Immunohistochemical Study of the Effects of Subchronic and Chronic Exposure to Glyphosate in Mice.

Overexpression of p58ipk protects neuroblastoma against paraquat-induced toxicity.

Identification of tissue-specific transcriptional markers of caloric restriction in the mouse and their use to evaluate caloric restriction mimetics.

Side-effects of pesticides used in irrigated rice areas on *Telenomus podisi* Ashmead (Hymenoptera: Platygasteridae).

Synthesis and in vitro evaluation of three novel radiotracers for imaging of metabotropic glutamate receptor subtype 2 in rat brain.

Age and Chronicity of Administration Dramatically Influenced the Impact of Low Dose Paraquat Exposure on Behavior and Hypothalamic-Pituitary-Adrenal Activity.

Real-Time Amperometric Recording of Extracellular H $\hat{2}$ O $\hat{2}$ in the Brain of Immunocompromised Mice: An In Vitro, Ex Vivo and In Vivo Characterisation Study.

Zinc and Copper Metabolism and Risk of Autism: a reply to Sayehmiri et al.

Further evidence for the association of CYP2D6*4 gene polymorphism with Parkinson's disease: a case control study.

Imperatorin is Transported through Blood-Brain Barrier by Carrier-Mediated Transporters.

Multiscale Modulation of Nanocrystalline Cellulose Hydrogel via Nanocarbon Hybridization for 3D Neuronal Bilayer Formation.

Glucose-sensitive self-healing hydrogel as sacrificial materials to fabricate vascularized constructs.

A systematic review of the risks factors associated with the onset and natural progression of spina bifida.

A metal-organic framework as a flask: photophysics of confined chromophores with a benzylidene imidazolinone core.

Pharmacological manipulations of autophagy modulate paraquat-induced cytotoxicity in PC12 cells.

Time dependent transition of the levels of protein-conjugated acrolein (PC-Acro), IL-6 and CRP in plasma during stroke.

Immunolocation of Heme Oxygenases in the Walls of Cerebral Arteries of Various Diameters in Rats.

Exposure to endocrine disruptors during adulthood: consequences for female fertility.

Aryl hydrocarbon receptor upregulates IL-1 β expression in hCMEC/D3 human cerebral microvascular endothelial cells after TCDD exposure.

Metabolic Investigations of the Molecular Mechanisms Associated with Parkinson's Disease.

Cerebellar Molecular and Cellular Characterization in Rat Models of Alzheimer's Disease: Neuroprotective Mechanisms of Garcinia Biflavonoid Complex.

Role of transient receptor potential ankyrin 1 receptors in rodent models of meningeal nociception - Experiments in *vitro*.

Diet-induced obesity alters dural CGRP release and potentiates TRPA1-mediated trigeminovascular responses.

A multi-laboratory evaluation of microelectrode array-based measurements of neural network activity for acute neurotoxicity testing.

RyR2-Mediated Ca(2+) Release and Mitochondrial ROS Generation Partake in the Synaptic Dysfunction Caused by Amyloid β Peptide Oligomers.

Improving the reliability of aquatic toxicity testing of hydrophobic chemicals via equilibrium passive dosing - A multiple trophic level case study on bromochlorophene.

Preparation of Non-human Primate Brain Tissue for Pre-embedding Immunohistochemistry and Electron Microscopy.

COMPLEX HEAVY METAL SALTS' EFFECT ON GANGLION NUCLEI NEURONS MORPHOLOGICAL FUNCTIONS IN ADULT MALE RATS' CEREBELLAR CORTEX.

Using early life stages of marine animals to screen the toxicity of priority hazardous and noxious substances.

Anacardium microcarpum extract and fractions protect against paraquat-induced toxicity in *Drosophila melanogaster*.

Molecular pathways related to the longevity promotion and cognitive improvement of *Cistanche tubulosa* in *Drosophila*.

Effects of indole-3-acetic acid on arsenic uptake and antioxidative enzymes in *Pteris cretica* var. *nervosa* and *Pteris ensiformis*.

Acute sensitivity of the vernal pool fairy shrimp, *Branchinecta lynchi* (Anostraca; Branchinectidae), and surrogate species to 10 chemicals.

Pharmacodynamics of S-dimethylarsino-glutathione, a putative metabolic intermediate of inorganic arsenic, in mice.

Embryonic and Postnatal Expression of Aryl Hydrocarbon Receptor mRNA in Mouse Brain.

Quantitative Global Proteomics of Yeast PBP1 Deletion Mutants and Their Stress Responses Identifies Glucose Metabolism, Mitochondrial, and Stress Granule Changes.

Elevated Urinary Glyphosate and Clostridia Metabolites With Altered Dopamine Metabolism in Triplets With Autistic Spectrum Disorder or Suspected Seizure Disorder: A Case Study.

Synthesis and evaluation of 1-(cyclopropylmethyl)-4-(4-[(11C)methoxyphenyl]-piperidin-1-yl)-2-oxo-1,2-dihydropyridine-3-carbonitrile ([11C]CMDC) for PET imaging of metabotropic glutamate receptor 2 in the rat brain.

Sensory deprivation increases phagocytosis of adult-born neurons by activated microglia in the olfactory bulb.

Epimedium Polysaccharide Alleviates Polyglutamine-Induced Neurotoxicity in *Caenorhabditis elegans* by Reducing Oxidative Stress.

Pollutant emissions from the pyrolysis and combustion of viscoelastic memory foam.

Optimization of Curcumin-Loaded PEG-PLGA Nanoparticles by GSH Functionalization: Investigation of the Internalization Pathway in Neuronal Cells.

Environmental Toxin Acrolein Alters Levels of Endogenous Lipids, Including TRP Agonists: A Potential Mechanism for Headache Driven by TRPA1 Activation.

Sirtuin-2 Protects Neural Cells from Oxidative Stress and Is Elevated in Neurodegeneration.

Urinary 3-hydroxypropyl mercapturic acid (3-HPMA) concentrations in dogs with acute spinal cord injury due to intervertebral disc herniation.

Excessive activation of AhR signaling disrupts neuronal migration in the hippocampal CA1 region in the developing mouse.

±-Lipoic acid potentially targets AMP-activated protein kinase and energy production in the fetal brain to ameliorate dioxin-produced attenuation in fetal steroidogenesis.

Correlation between brain damage, associated biomarkers, and medication in psychiatric inpatients: A cross-sectional study.

Ethanol drives aversive conditioning through dopamine 1 receptor and glutamate receptor-mediated activation of lateral habenula neurons.

Prenatal Paraquat exposure induces neurobehavioral and cognitive changes in mice offspring.

Establishment of an in vitro monolayer model of macular corneal dystrophy.

Embryonic atrazine exposure alters zebrafish and human miRNAs associated with angiogenesis, cancer, and neurodevelopment.

Standardized Bacopa monnieri extract ameliorates acute paraquat-induced oxidative stress, and neurotoxicity in prepubertal mice brain.

Role of cytochrome c in α -synuclein radical formation: implications of α -synuclein in neuronal death in Maneb- and paraquat-induced model of Parkinson's disease.

Medicinal herbs *Oenanthe javanica* (Blume) DC., *Casuarina equisetifolia* L. and *Sorghum bicolor* (L.) Moench protect human cells from MPP(+) damage via inducing FBXO7 expression.

Paraquat intoxication and associated pathological findings in three dogs in South Africa.

Antioxidant and neuroprotective effects of *Dictyophora indusiata* polysaccharide in *Caenorhabditis elegans*.

Physiological Stress Responses in Amphibian Larvae to Multiple Stressors Reveal Marked Anthropogenic Effects even below Lethal Levels.

Effects of alkylphenols on the biotransformation of diuron and enzymes involved in the synthesis and clearance of sex steroids in juvenile male tilapia (*Oreochromis mossambica*).

Does age matter? Comparison of neurobehavioral effects of paraquat exposure on postnatal and adult C57BL/6 mice.

Glufosinate aerogenic exposure induces glutamate and IL-1 receptor dependent lung inflammation.

Assessment of the Effects of MPTP and Paraquat on Dopaminergic Neurons and Microglia in the Substantia Nigra Pars Compacta of C57BL/6 Mice.

Developmental exposure to paraquat and maneb can impair cognition, learning and memory in Sprague-Dawley rats.

Health effect of agricultural pesticide use in China: implications for the development of GM crops.

Decrease in acrolein toxicity based on the decline of polyamine oxidases.

Organic honey supplementation reverses pesticide-induced genotoxicity by modulating DNA damage response.

Inhibition of Protein Ubiquitination by Paraquat and 1-Methyl-4-Phenylpyridinium Impairs Ubiquitin-Dependent Protein Degradation Pathways.

Glyphosate (Pesticides).

Inhibition of Excessive Oxidative Protein Folding Is Protective in MPP(+) Toxicity-Induced Parkinson's Disease Models.

Embryonic Atrazine Exposure Elicits Alterations in Genes Associated with Neuroendocrine Function in Adult Male Zebrafish.

Evaluation of potential mechanisms of atrazine-induced reproductive impairment in fathead minnow (*Pimephales promelas*) and Japanese medaka (*Oryzias latipes*).

Effects of Simazine Exposure on Neuronal Development-Related Factors in MN9D Cells.

NMDA-Receptors Are Involved in Cu²⁺/Paraquat-Induced Death of Cultured Cerebellar Granule Neurons.

High-Concentration L-Menthol Exhibits Counter-Irritancy to Neurogenic Inflammation, Thermal and Mechanical Hyperalgesia Caused by Trans-cinnamaldehyde.

Synergistic stress exacerbation in hippocampal neurons: Evidence favoring the dual-hit hypothesis of neurodegeneration.

Atrazine alters expression of reproductive and stress genes in the developing hypothalamus of the snapping turtle, *Chelydra serpentina*.

Dig1 protects against locomotor and biochemical dysfunctions provoked by Roundup.

The herbicide glyphosate is a weak inhibitor of acetylcholinesterase in rats.

Human exposure to acrolein: Time-dependence and individual variation in eye irritation.

L-Phosphinothricin modulation of inwardly rectifying K(+) channels increased excitability in striatal medium-sized spiny neurons.

Protection against MPP(+)-induced neurotoxicity in SH-SY5Y cells by tormentic acid via the activation of PI3-K/Akt/GSK3^β pathway.

Differential protein expression in the estuarine copepod *Eurytemora affinis* after diuron and alkylphenol exposures.

Unilateral microinjection of acrolein into thoracic spinal cord produces acute and chronic injury and functional deficits.

In vitro neurotoxic hazard characterisation of dinitrophenolic herbicides.

Agricultural Compounds in Water and Birth Defects.

Imazapyr+imazapic herbicide determines acute toxicity in silver catfish *Rhamdia quelen*.

Thyroid endocrine disruption of acetochlor on zebrafish (*Danio rerio*) larvae.

Characterization of seizures induced by acute exposure to an organophosphate herbicide, glufosinate-ammonium.

Exposure of *C. elegans* eggs to a glyphosate-containing herbicide leads to abnormal neuronal morphology.

Multifactorial theory applied to the neurotoxicity of paraquat and paraquat-induced mechanisms of developing Parkinson's disease.

Serial ammonia measurement in patients poisoned with glufosinate ammonium herbicide.

Paraquat Induces Cell Death Through Impairing Mitochondrial Membrane Permeability.

Superoxide Dismutase (SOD)-mimetic M40403 Is Protective in Cell and Fly Models of Paraquat Toxicity: IMPLICATIONS FOR PARKINSON DISEASE.

Health Care for Certain Children of Vietnam Veterans and Certain Korea Veterans--Covered Birth Defects and Spina Bifida. Final rule.

Acute paraquat exposure determines dose-dependent oxidative injury of multiple organs and metabolic dysfunction in rats: impact on exercise tolerance.

Atrazine and its main metabolites alter the locomotor activity of larval zebrafish (*Danio rerio*).

Paraquat inhibited differentiation in human neural progenitor cells (hNPCs) and down regulated miR-200a expression by targeting CTNNB1.

Environmental factors in the development of autism spectrum disorders.

Glyphosate induces neurotoxicity in zebrafish.

Estrogenic activities of diuron metabolites in female Nile tilapia (*Oreochromis niloticus*).

Cytotoxicity of Thirdhand Smoke and Identification of Acrolein as a Volatile Thirdhand Smoke Chemical That Inhibits Cell Proliferation.

Dietary administration of diquat for 13 weeks does not result in a loss of dopaminergic neurons in the substantia nigra of C57BL/6J mice.

Exposure to a glyphosate-based herbicide during pregnancy and lactation induces neurobehavioral alterations in rat offspring.

An embryonic atrazine exposure results in reproductive dysfunction in adult zebrafish and morphological alterations in their offspring.

Quantitative Evaluation of Changes in the Striatal Astrocyte Axons in Simulated Parkinsonism.

Acute paraquat exposure impairs colonic motility by selectively attenuating nitrergic signalling in the mouse.

The role of L-type amino acid transporters in the uptake of glyphosate across mammalian epithelial tissues.

Effects of Atrazine and Chlorpyrifos on Autophagy-Related Genes in the Brain of Common Carp: Health-Risk Assessments.

Acrolein-mediated conduction loss is partially restored by K⁺ channel blockers.

New Insights on the Influence of Organic Co-Contaminants on the Aquatic Toxicology of Carbon Nanomaterials.

Effects of diphenyl diselenide on growth, oxidative damage, and antioxidant response in silver catfish.

Neurology in the Vietnam War.

Anthocyanins Protect SK-N-SH Cells Against Acrolein-Induced Toxicity by Preserving the Cellular Redox State.

Low-Dose Aronia melanocarpa Concentrate Attenuates Paraquat-Induced Neurotoxicity.

Evidence of neuroprotective effects of saffron and crocin in a Drosophila model of parkinsonism.

Neuronal development and axon growth are altered by glyphosate through a WNT non-canonical signaling pathway.

Successful Extracorporeal Life Support in a Case of Severe Glyphosate-Surfactant Intoxication.

Effects of Neonicotinoids on Promoter-Specific Expression and Activity of Aromatase (CYP19) in Human Adrenocortical Carcinoma (H295R) and Primary Umbilical Vein Endothelial (HUVEC) Cells.

Assessing the potential for intrinsic recovery in a Collembola two-generation study: possible implementation in a tiered soil risk assessment approach for plant protection products.

Metabolomic Analysis Provides Insights on Paraquat-Induced Parkinson-Like Symptoms in Drosophila melanogaster.

Transient receptor potential ankyrin 1 agonists improve intestinal transit in a murine model of postoperative ileus.

Intracellular TRPA1 mediates Ca²⁺ release from lysosomes in dorsal root ganglion neurons.

Cx43 Mediates Resistance against MPP⁺-Induced Apoptosis in SH-SY5Y Neuroblastoma Cells via Modulating the Mitochondrial Apoptosis Pathway.

Trans-cinnamaldehyde improves memory impairment by blocking microglial activation through the destabilization of iNOS mRNA in mice challenged with lipopolysaccharide.

TRPV1 dysfunction in cystinosis patients harboring the homozygous 57 kb deletion.

Trans-cinnamaldehyde protected PC12 cells against oxygen and glucose deprivation/reperfusion (OGD/R)-induced injury via anti-apoptosis and anti-oxidative stress.

Response to: Neurotoxicity of paraquat and paraquat-induced Parkinson's disease.

Neurotoxicity of paraquat and paraquat-induced mechanisms of developing Parkinson's disease.

Exploring the Transition of Human α -Synuclein from Native to the Fibrillar State: Insights into the Pathogenesis of Parkinson's Disease.

Trans-Cinnamaldehyde, An Essential Oil in Cinnamon Powder, Ameliorates Cerebral Ischemia-Induced Brain Injury via Inhibition of Neuroinflammation Through Attenuation of iNOS, COX-2 Expression and NF κ -B Signaling Pathway.

Reversal of diabetes-induced behavioral and neurochemical deficits by cinnamaldehyde.

Derivatization Strategy for the Comprehensive Characterization of Endogenous Fatty Aldehydes Using HPLC-Multiple Reaction Monitoring.

Membrane lipid peroxidation in neurodegeneration: Role of thrombin and proteinase-activated receptor-1.

Development of a combined method to assess the complex effect of atrazine on sex steroid synthesis in H295R cells.

Formation and Implications of Alpha-Synuclein Radical in Maneb- and Paraquat-Induced Models of Parkinson's Disease.

Cinnamaldehyde modulates LPS-induced systemic inflammatory response syndrome through TRPA1-dependent and independent mechanisms.

Aggravation of brain infarction through an increase in acrolein production and a decrease in glutathione with aging.

Oxidative Stress Triggers Body-Wide Skipping of Multiple Exons of the Spinal Muscular Atrophy Gene.

3-Aminotriazole protects from CoCl₂-induced ototoxicity by inhibiting the generation of reactive oxygen species and proinflammatory cytokines in mice.

[The effect of antioxidants on in vivo and in vitro methemoglobin formation in erythrocytes of patients with Parkinson's disease].

Parkinson-Related LRRK2 Mutation R1628P Enables Cdk5 Phosphorylation of LRRK2 and Upregulates Its Kinase Activity.

Cinnamaldehyde supplementation prevents fasting-induced hyperphagia, lipid accumulation, and inflammation in high-fat diet-fed mice.

Structural and biochemical abnormalities in the absence of acute deficits in mild primary blast-induced head trauma.

Recent Progress in Analytical Methods for Determination of Urinary 3-Hydroxypropylmercapturic Acid, a Major Metabolite of Acrolein.

Appetite-Enhancing Effects: The Influence of Concentrations of Benzylacetone and trans-Cinnamaldehyde and Their Inhalation Time, as Well as the Effect of Aroma, on Body Weight in Mice.

Toxic acrolein production due to Ca²⁺ influx by the NMDA receptor during stroke.

Chemically induced oxidative stress affects ASH neuronal function and behavior in *C. elegans*.

Response to the Letter to the Editor: "Mitochondria isolated from the striatum of the brain exhibit a higher degree of oxidative phosphorylation coupling, which shows that they are not subject to energetic dysfunction upon acute paraquat administration".

Mitochondria isolated from the striatum brain of acute paraquat treated rats exhibit a higher degree of oxidative phosphorylation coupling, which shows that they are not subject to energetic dysfunction upon acute paraquat administration.

TRPA1 activation leads to neurogenic vasodilatation: involvement of reactive oxygen nitrogen species in addition to CGRP and NO.

Superoxide dismutase 2 knockdown leads to defects in locomotor activity, sensitivity to paraquat, and increased cuticle pigmentation in *Tribolium castaneum*.

Methyl viologen induces neural differentiation on murine P19 cells.

Protective effect of carnosic acid against paraquat-induced redox impairment and mitochondrial dysfunction in SH-SY5Y cells: Role for PI3K/Akt/Nrf2 pathway.

[The effect of paraquat on autophagy in human embryonic neural progenitor cells].

Synthesis of docosahexaenoic acid from eicosapentaenoic acid in retina neurons protects photoreceptors from oxidative stress.

Effects of TRP channel agonist ingestion on metabolism and autonomic nervous system in a randomized clinical trial of healthy subjects.

Appetite-enhancing Effects of trans-Cinnamaldehyde, Benzylacetone and 1-Phenyl-2-butanone by Inhalation.

Nrf2/ARE Pathway Involved in Oxidative Stress Induced by Paraquat in Human Neural Progenitor Cells.

Anti-oxidative and anti-inflammatory effects of cinnamaldehyde on protecting high glucose-induced damage in cultured dorsal root ganglion neurons of rats.

Semilobar holoprosencephaly in a 12-month-old baby boy born to a primigravida patient with type 1 diabetes mellitus: a case report.

Hypothalamic L-Histidine Decarboxylase Is Up-Regulated During Chronic REM Sleep Deprivation of Rats.

The Role of Mitochondrial Aldehyde Dehydrogenase 2 (ALDH2) in Neuropathology and Neurodegeneration.

N-[(11)CH(3)]Dimethylaminoparthenolide (DMAPT) uptake into orthotopic 9LSF glioblastoma tumors in the rat.

Practice guideline summary: Treatment of restless legs syndrome in adults: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology.

Neuropathic organophosphates: from Scrugham, Heim and Lorot to Jake leg paralysis.

Ayurvedic Amalaki Rasayana promotes improved stress tolerance and thus has anti-aging effects in *Drosophila melanogaster*.

Protein-bound toxins: has the Cinderella of uraemic toxins turned into a princess?

Downregulation of Forkhead box F1 gene expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

[A case report of methyl bromide poisoning cause peripheral nerve damage].

Paternal and joint parental occupational pesticide exposure and spina bifida in the National Birth Defects Prevention Study, 1997 to 2002.

Oral Toxicity of 2,4-Dinitroanisole in Rats.

Effects of wheat-flour biscuits fortified with iron and EDTA, alone and in combination, on blood lead concentration, iron status, and cognition in children: a double-blind randomized controlled trial.

A comparison of biomarker responses in juvenile diploid and triploid African catfish, *Clarias gariepinus*, exposed to the pesticide butachlor.

Organochlorine contaminants in the muscle, liver and brain of seabirds (*Larus*) from the coastal area of the Southern Baltic.

Syndromic microphthalmia-3 caused by a mutation on gene SOX2 in a Colombian male patient.

Methyl Iodide Exposure Presenting as Severe Chemical Burn Injury with Neurological Complications and Prolonged Respiratory Insufficiency.

Reduced stress granule formation and cell death in fibroblasts with the A382T mutation of TARDBP gene: evidence for loss of TDP-43 nuclear function.

Metabolomics approach reveals metabolic disorders and potential biomarkers associated with the developmental toxicity of tetrabromobisphenol A and tetrachlorobisphenol A.

Carbamylated Low-Density Lipoproteins Induce a Prothrombotic State Via LOX-1: Impact on Arterial Thrombus Formation In Vivo.

Attempted Suicide: A Cross-Sectional Survey 2015.

Effect and safety of Shengxuening (extract from excrement of bombyxin) for renal anemia: a systematic review.

Participation of protein kinases in cytotoxic and proapoptotic effects of ethylene glycol ethers and their metabolites in SH-SY5Y cells.

From the Cover: Tetrachlorobenzoquinone Exerts Neurological Proinflammatory Activity by Promoting HMGB1 Release, Which Induces TLR4 Clustering within the Lipid Raft.

Improved pulmonary function in the nitrofen model of congenital diaphragmatic hernia following prenatal maternal dexamethasone and/or sildenafil.

Prenatal dioxin exposure and neurocognitive development in Hong Kong 11-year-old children.

Environmental Exposures and Parkinson's Disease.

The influence of maternal dietary exposure to dioxins and PCBs during pregnancy on ADHD symptoms and cognitive functions in Norwegian preschool children.

AhR-dependent 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in human neuronal cell line SHSY5Y.

Octopamine stabilizes conduction reliability of an unmyelinated axon during hypoxic stress.

Separation of Key Biogenic Amines by Capillary Electrophoresis and Determination of Possible Indicators of Sport Fatigue in Athlete's Urine.

How sodium arsenite improve amyloid β -induced memory deficit?

Red light of the visual spectrum attenuates cell death in culture and retinal ganglion cell death in situ.

2,3,7,8-Tetrachlorodibenzo-p-dioxin has both pro-carcinogenic and anti-carcinogenic effects on neuroendocrine prostate carcinoma formation in TRAMP mice.

Effects of solmach on alcohol hangover model in mice.

Effects of Perinatal Dioxin Exposure on Development of Children during the First 3 Years of Life.

Balneotherapy in rheumatoid arthritis-a systematic review.

In utero and lactational dioxin exposure induces Sema3b and Sema3g gene expression in the developing mouse brain.

Giant early components of somatosensory evoked potentials to tibial nerve stimulation in cortical myoclonus.

METABOLIC DYSBIOSIS OF THE GUT MICROBIOTA AND ITS BIOMARKERS.

Previously Unclassified Mutation of mtDNA m.3472T>C: Evidence of Pathogenicity in Leber's Hereditary Optic Neuropathy.

[Acute poisoning by pesticides in children].

Oxygen consumption deficit in Huntington disease mouse brain under metabolic stress.

Elucidating the chemical structure of native 1-deoxysphingosine.

Over-expression of fHbp in Arabdopsis for development of meningococcal serogroup B subunit vaccine.

Photoactive g-C3 N4 Nanosheets for Light-Induced Suppression of Alzheimer's β -Amyloid Aggregation and Toxicity.

Prenatal methylmercury exposure and language delay at three years of age in the Norwegian Mother and Child Cohort Study.

Slow intestinal transit contributes to elevate urinary p-cresol level in Italian autistic children.

Increased p-cresyl sulfate level is independently associated with poor outcomes in patients with heart failure.

Associations among chronic kidney disease, high total p-cresylsulfate and left ventricular systolic dysfunction.

Source memory in rats is impaired by an NMDA receptor antagonist but not by PSD95-nNOS protein-protein interaction inhibitors.

Maternal dietary exposure to dioxins and polychlorinated biphenyls (PCBs) is associated with language delay in 3-year old Norwegian children.

Immunomodulation By Subchronic Low Dose 2,3,7,8-Tetrachlorodibenzo-p-Dioxin in Experimental Autoimmune Encephalomyelitis in the Absence of Pertussis Toxin.

Association between Parkinson's Disease and Cigarette Smoking, Rural Living, Well-Water Consumption, Farming and Pesticide Use: Systematic Review and Meta-Analysis.

Use of microbial fuel cells to monitor current production in Qi-deficient liver cells.

Effective Valsalva maneuvering during TCCD and unrevealed etiology of RLS.

A Randomized Noninferiority Trial of Intravenous Iron Isomaltoside versus Oral Iron Sulfate in Patients with Nonmyeloid Malignancies and Anemia Receiving Chemotherapy: The PROFOUND Trial.

Pur-alpha regulates cytoplasmic stress granule dynamics and ameliorates FUS toxicity.

A reply to Wang T, Shan L, Du L, Feng J, Xu Z, Staal WG, Jia F. Serum concentration of 25-hydroxyvitamin D in autism spectrum disorder: a systematic review and meta-analysis. *Eur Child Adolesc Psychiatry*. 2015; doi: 10.1007/s00787-015-0786-1.

Comparison of Different Matrices as Potential Quality Control Samples for Neurochemical Dementia Diagnostics.

Indoxyl sulfate, not p-cresyl sulfate, is associated with cognitive impairment in early-stage chronic kidney disease.

Lactational exposure of mice to low levels of non-dioxin-like polychlorinated biphenyls increases susceptibility to neuronal stress at a mature age.

Oral nanoparticulate curcumin combating arsenic-induced oxidative damage in kidney and brain of rats.

Sulforaphane exerts its anti-inflammatory effect against amyloid- β peptide via STAT-1 dephosphorylation and activation of Nrf2/HO-1 cascade in human THP-1 macrophages.

The role of peroxiredoxin 4 in inflammatory response and aging.

Developmental toxicity, EROD, and CYP1A mRNA expression in zebrafish embryos exposed to dioxin-like PCB126.

Impacts of Perinatal Dioxin Exposure on Motor Coordination and Higher Cognitive Development in Vietnamese Preschool Children: A Five-Year Follow-Up.

ATPase-Modulated Stress Granules Contain a Diverse Proteome and Substructure.

Therapeutic evaluation of HIV transduction basic domain-conjugated superoxide dismutase solution on suppressive effects of the formation of peroxynitrite and expression of COX-2 in murine skin.

A procoagulant chemically sulfated mannan.

Melatonergic System in Parkinson's Disease: From Neuroprotection to the Management of Motor and Nonmotor Symptoms.

Deguelin and Its Role in Chronic Diseases.

An Overview on the Role of α -Synuclein in Experimental Models of Parkinson's Disease from Pathogenesis to Therapeutics.

Increased Levels of Total p-Cresylsulfate Are Associated with Pruritus in Patients with Chronic Kidney Disease.

Tetrachlorobenzoquinone exhibits neurotoxicity by inducing inflammatory responses through ROS-mediated IKK/ β /NF- κ B signaling.

Initial Serum Ammonia as a Predictor of Neurologic Complications in Patients with Acute Glufosinate Poisoning.

Prenatal low dosage dioxin (TCDD) exposure impairs cochlear function resulting in auditory neuropathy.

Molecular imaging of aurora kinase A (AURKA) expression: Synthesis and preclinical evaluation of radiolabeled alisertib (MLN8237).

How we diagnose and treat iron deficiency anemia.

Delayed cognitive and psychiatric symptoms following methyl iodide and manganese poisoning: Potential for misdiagnosis.

Micronucleus frequency in Danish schoolchildren and their mothers from the DEMOCOPHES population.

Riluzole But Not Melatonin Ameliorates Acute Motor Neuron Degeneration and Moderately Inhibits SOD1-Mediated Excitotoxicity Induced Disrupted Mitochondrial Ca²⁺ Signaling in Amyotrophic Lateral Sclerosis.

Pyruvate attenuates the anti-neoplastic effect of carnosine independently from oxidative phosphorylation.

Effects of Liposomes Charge on Extending Sciatic Nerve Blockade of N-ethyl Bromide of Lidocaine in Rats.

Removal of endocrine disrupting compounds from wastewater by microalgae co-immobilized in alginate beads.

Oxidant effects and toxicity of Croton campestris in Drosophila melanogaster.

Low-Chlorinated Non-Dioxin-like Polychlorinated Biphenyls Present in Blood and Breast Milk Induce Higher Levels of Reactive Oxygen Species in Neutrophil Granulocytes than High-Chlorinated Congeners.

2,3,7,8-Tetrachlorodibenzo-p-dioxin suppress AChE activity in NGF treated PC12 cells.

New perspectives for multi-level regulations of neuronal acetylcholinesterase by dioxins.

Differences in the clinical manifestations and short-term prognosis of acute cerebral infarction after exposure to Agent Orange.

Association of Aryl Hydrocarbon Receptor-Related Gene Variants with the Severity of Autism Spectrum Disorders.

A high-throughput screen for mitochondrial function reveals known and novel mitochondrial toxicants in a library of environmental agents.

An "in-electrode"-type immunosensing strategy for the detection of squamous cell carcinoma antigen based on electrochemiluminescent AuNPs/g-C₃N₄ nanocomposites.

N-methyltetrahydropyridines and pyridinium cations as toxins and comparison with naturally-occurring alkaloids.

2,3,7,8-tetrachlorodibenzo-p-dioxin exposure influence the expression of glutamate transporter GLT-1 in C6 glioma cells via the Ca²⁺ /protein kinase C pathway.

Autism genes are selectively targeted by environmental pollutants including pesticides, heavy metals, bisphenol A, phthalates and many others in food, cosmetics or household products.

Dioxin induces Ahr-dependent robust DNA demethylation of the Cyp1a1 promoter via Tdg in the mouse liver.

Dialysis catheter-related pulmonary embolism in a patient with paraquat intoxication.

1,5-Diazacyclooctanes, as Exclusive Oxidative Polyamine Metabolites, Inhibit Amyloid- β (1-40) Fibrillization.

Mechanisms of Action Point Towards Combined PBDE/NDL-PCB Risk Assessment.

Microstructured Multilevel Bacterial Cellulose Allows the Guided Growth of Neural Stem Cells.

Differential epigenetic effects of chlorpyrifos and arsenic in proliferating and differentiating human neural progenitor cells.

The Effect of Cellular Stress on T and B Cell Memory Pathways in Immunized and Unimmunized BALB/c Mice.

Is Parkinson's Disease with History of Agent Orange Exposure Different from Idiopathic Parkinson's Disease?

A simple standard technique for labyrinthectomy in the rat: A methodical communication with a detailed description of the surgical process.

Signaling mechanisms underlying the glioprotective effects of resveratrol against mitochondrial dysfunction.

Toxicogenomic applications of Chinese rare minnow (*Gobiocypris rarus*) in aquatic toxicology.

Arsenic-induced mitochondrial oxidative damage is mediated by decreased PGC-1 β expression and its downstream targets in rat brain.

Tyrosine Detoxification Is an Essential Trait in the Life History of Blood-Feeding Arthropods.

[Effect of chronic arsenic exposure on mouse brain tissue and serum metabolomics].

Perinatal Exposure to Glufosinate Ammonium Herbicide Impairs Neurogenesis and Neuroblast Migration through Cytoskeleton Destabilization.

Identification of aryl hydrocarbon receptor signaling pathways altered in TCDD-treated red seabream embryos by transcriptome analysis.

Prophylactic neuroprotective efficiency of co-administration of Ginkgo biloba and Trifolium pretense against sodium arsenite-induced neurotoxicity and dementia in different regions of brain and spinal cord of rats.

Joint toxic effects of the type-2 alkene electrophiles.

Multi-tissue metabolic responses of goldfish (*Carassius auratus*) exposed to glyphosate-based herbicide.

Oleuropein ameliorates arsenic induced oxidative stress in mice.

Chronic dietary exposure to pesticide residues and associated risk in the French ELFE cohort of pregnant women.

Experimental and modeling of the unsaturated transports of S-metolachlor and its metabolites in glaciofluvial vadose zone solids.

Organic micropollutants (OMPs) in natural waters: Oxidation by UV/H₂O₂ treatment and toxicity assessment.

Mitigation of sensory and motor deficits by acrolein scavenger phenelzine in a rat model of spinal cord contusive injury.

Lethal and sublethal effects of pesticides on *Chrysoperla carnea* larvae (Neuroptera: Chrysopidae) and the influence of rainfall in their degradation pattern over time.

Arsenic Exposure Induces Unscheduled Mitotic S Phase Entry Coupled with Cell Death in Mouse Cortical Astrocytes.

Development of a mediated whole cell-based electrochemical biosensor for joint toxicity assessment of multi-pollutants using a mixed microbial consortium.

Bisphenol Analogues Other Than BPA: Environmental Occurrence, Human Exposure, and Toxicity-A Review.

Involvement of endogenous antioxidant systems in the protective activity of pituitary adenylate cyclase-activating polypeptide against hydrogen peroxide-induced oxidative damages in cultured rat astrocytes.

Parkinson's Disease and Pesticides Exposure: New Findings From a Comprehensive Study in Nebraska, USA.

AhR signaling activation disrupts migration and dendritic growth of olfactory interneurons in the developing mouse.

Defective excitation-contraction coupling is partially responsible for impaired contractility in hindlimb muscles of Stac3 knockout mice.

Synthesis and Preclinical Evaluation of ¹¹C-UCB-J as a PET Tracer for Imaging the Synaptic Vesicle Glycoprotein 2A in the Brain.

Effect of Acetyl-L-Carnitine on Antioxidant Status, Lipid Peroxidation, and Oxidative Damage of Arsenic in Rat.

Aryl hydrocarbon receptor deletion in cerebellar granule neuron precursors impairs neurogenesis.

A Rat Model of Alzheimer's Disease Based on Aβ42 and Pro-oxidative Substances Exhibits Cognitive Deficit and Alterations in Glutamatergic and Cholinergic Neurotransmitter Systems.

Pesticide Mixture Toxicity in Surface Water Extracts in Snails (*Lymnaea stagnalis*) by an in Vitro Acetylcholinesterase Inhibition Assay and Metabolomics.

The Effect of Noscipine on Oxygen-Glucose Deprivation on Primary Murine Cortical Neurons in High Glucose Condition.

Are bee diseases linked to pesticides? - A brief review.

Development of a cell line from the American eel brain expressing endothelial cell properties.

Short Chemical Ischemia Triggers Phosphorylation of eIF2 α and Death of SH-SY5Y Cells but not Proteasome Stress and Heat Shock Protein Response in both SH-SY5Y and T98G Cells.

Prenatal Exposure to Arsenic Impairs Behavioral Flexibility and Cortical Structure in Mice.

No evidence for oxidative stress in the cerebellar tissues or cells of juvenile male mice exposed via lactation to the 6 non-dioxin-like PCBs at levels below the regulatory safe limits for humans.

Underestimation of the Maximal Capacity of the Mitochondrial Electron Transport System in Oligomycin-Treated Cells.

Extra virgin olive oil modulates brain docosahexaenoic acid level and oxidative damage caused by 2,4-Dichlorophenoxyacetic acid in rats.

Nanopharmaceutical Approach for Enhanced Anti-cancer Activity of Betulinic Acid in Lung-cancer Treatment via Activation of PARP: Interaction with DNA as a Target: -Anti-cancer Potential of Nano-betulinic Acid in Lung Cancer.

Functional optical coherence tomography of rat olfactory bulb with periodic odor stimulation.

Pretilachlor has the potential to induce endocrine disruption, oxidative stress, apoptosis and immunotoxicity during zebrafish embryo development.

Lysines, Achilles' heel in alpha-synuclein conversion to a deadly neuronal endotoxin.

How does cigarette smoking cause acute pancreatitis?

Developmental toxicity, oxidative stress, and related gene expression induced by dioxin-like PCB 126 in zebrafish (*Danio rerio*).

The Inhibitory Effect of Natural Products on Protein Fibrillation May Be Caused by Degradation Products-
-A Study Using Aloin and Insulin.

Epigallocatechin-3-gallate induces oxidative phosphorylation by activating cytochrome c oxidase in human cultured neurons and astrocytes.

Chemically Contaminated Eel Fed to Pregnant and Lactating Mouse Dams Causes Hyperactivity in Their Offspring.

Mechanisms of thaxtomin A-induced root toxicity revealed by a thaxtomin A sensitive *Arabidopsis* mutant (*ucu2-2/gi-2*).

Laccase oxidation and removal of toxicants released during combustion processes.

Kolaviron was protective against sodium azide (NaN_3) induced oxidative stress in the prefrontal cortex.

Paraoxonase 1 activity in subchronic low-level inorganic arsenic exposure through drinking water.

Astaxanthin Inhibits Expression of Retinal Oxidative Stress and Inflammatory Mediators in Streptozotocin-Induced Diabetic Rats.

Arsenic induced hematological and biochemical responses in nutritionally important catfish *Clarias batrachus* (L.).

Comparable Neuroprotective Effects of Pergolide and Pramipexole on Ferrous Sulfate-Induced Dopaminergic Cell Death in Cell Culture.

Acute Illness Associated with Exposure to a New Soil Fumigant Containing Dimethyl Disulfide- Hillsborough County, Florida, 2014.

Effects of Antioxidant N-acetylcysteine Against Paraquat-Induced Oxidative Stress in Vital Tissues of Mice.

Effect of Kangfuxin Solution on Chemo/Radiotherapy-Induced Mucositis in Nasopharyngeal Carcinoma Patients: A Multicenter, Prospective Randomized Phase III Clinical Study.

Arsenite accumulation in the mouse eye.

Evaluation Efficacy of Ferrous Sulfate Therapy on Headaches of 5-15 Years Old Iron Deficient Children with Migraine.

Evaluation of antimutagenic and protective effects of *Parkinsonia aculeata* L. leaves against H_2O_2 induced damage in pBR322 DNA.

Severe Endobronchial Inflammation Induced by Aspiration of a Ferrous Sulfate Tablet.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the development and function of the blood-brain barrier.

Thiodorexin-2 overexpression fails to rescue chronic high calorie diet induced hippocampal dysfunction.

Delivery of a protein transduction domain-mediated Prdx6 protein ameliorates oxidative stress-induced injury in human and mouse neuronal cells.

Tick-borne encephalitis--lipid peroxidation and its consequences.

The impact of combined administration of paraquat and maneb on motor and non-motor functions in the rat.

The effects of gestational and chronic atrazine exposure on motor behaviors and striatal dopamine in male Sprague-Dawley rats.

Atrazine triggers developmental abnormality of ovary and oviduct in quails (*Coturnix Coturnix coturnix*) via disruption of hypothalamo-pituitary-ovarian axis.

Discovery of a novel neuroprotectant, BHDPC, that protects against MPP+/MPTP-induced neuronal death in multiple experimental models.

Executive Summary to EDC-2: The Endocrine Society's Second Scientific Statement on Endocrine-Disrupting Chemicals.

Bioaccumulation and neurotoxicity of dithiopyridine herbicide in the brain of freshwater fish, *Cyprinus carpio*.

[The effect of Wnt signaling pathway on paraquat induced PC12 cells damage].

Proteasome subunit and opioid receptor gene expression down-regulation induced by paraquat and maneb in human neuroblastoma SH-SY5Y cells.

Protective effects of Ndfip1 on MPP(+)-induced apoptosis in MES23.5 cells and its underlying mechanisms.

Neurotoxicity effects of atrazine-induced SH-SY5Y human dopaminergic neuroblastoma cells via microglial activation.

Acute Toxic Effects of the Herbicide Formulation Focus(®) Ultra on Embryos and Larvae of the Moroccan Painted Frog, *Discoglossus scovazzi*.

Sensitization of the trigeminovascular system following environmental irritant exposure.

Impairment of striatal mitochondrial function by acute paraquat poisoning.

The Effect of Exposure to Atrazine on Dopaminergic Development in Pubertal Male SD Rats.

Potential toxic effects of glyphosate and its commercial formulations below regulatory limits.

Mechanisms of CDDO-imidazolidine-mediated cytoprotection against acrolein-induced neurocytotoxicity in SH-SY5Y cells and primary human astrocytes.

Molecular characterization of heat-shock protein 90 gene and its expression in *Gobiocypris rarus* juveniles exposed to pentachlorophenol.

Diquat causes caspase-independent cell death in SH-SY5Y cells by production of ROS independently of mitochondria.

[Case of paraquat poisoning and diazepam poisoning inducing pulmonary embolism].

Effects of sublethal doses of glyphosate on honeybee navigation.

Effect of acetochlor on transcription of genes associated with oxidative stress, apoptosis, immunotoxicity and endocrine disruption in the early life stage of zebrafish.

NADPH oxidase mediated maneb- and paraquat-induced oxidative stress in rat polymorphs: Crosstalk with mitochondrial dysfunction.

NLRP3 inflammasome activation by mitochondrial reactive oxygen species plays a key role in long-term cognitive impairment induced by paraquat exposure.

Toxic and genotoxic effects of the imazethapyr-based herbicide formulation Pivot H[®] on monteideo tree frog *Hypsiboas pulchellus* tadpoles (Anura, Hylidae).

Roundup[®] exposure promotes gills and liver impairments, DNA damage and inhibition of brain cholinergic activity in the Amazon teleost fish *Colossoma macropomum*.

L-F001, a multifunctional ROCK inhibitor prevents paraquat-induced cell death through attenuating ER stress and mitochondrial dysfunction in PC12 cells.

A quantitative approach to developing Parkinsonian monkeys (*Macaca fascicularis*) with intracerebroventricular 1-methyl-4-phenylpyridinium injections.

Inflammatory reaction regulated by microglia plays a role in atrazine-induced dopaminergic neuron degeneration in the substantia nigra.

Lethal and sub-lethal chronic effects of the herbicide diuron on seagrass.

Altered levels of endocrine biomarkers in juvenile barramundi (*Lates calcarifer*; Bloch) following exposure to commercial herbicide and surfactant formulations.

Surfactant toxicity in a case of (4-chloro-2-methylphenoxy) acetic acid herbicide intoxication.

Cinnamaldehyde in a Novel Intravenous Submicrometer Emulsion: Pharmacokinetics, Tissue Distribution, Antitumor Efficacy, and Toxicity.

Arsenic and Its Methylated Metabolites Inhibit the Differentiation of Neural Plate Border Specifier Cells.

Developmental origins of neurotransmitter and transcriptome alterations in adult female zebrafish exposed to atrazine during embryogenesis.

[A review of developments in paraquat neurotoxicity research].

Hepatotoxicity of herbicide Sencor in goldfish may result from induction of mild oxidative stress.

Atrazine Causes Autophagy- and Apoptosis-Related Neurodegenerative Effects in Dopaminergic Neurons in the Rat Nigrostriatal Dopaminergic System.

Transcriptional profiling of the soil invertebrate *Folsomia candida* in pentachlorophenol-contaminated soil.

Groundwater pesticide levels and the association with Parkinson disease.

Multiparametric characterisation of neuronal network activity for in vitro agrochemical neurotoxicity assessment.

Integrated assessment of biomarker response in carp (*Cyprinus carpio*) and silver catfish (*Rhamdia quelen*) exposed to clomazone.

Atrazine exposure affects the ability of crayfish (*Orconectes rusticus*) to localize a food odor source.

Combined exposure to agriculture pesticides, paraquat and maneb, induces alterations in the N/OFQ-NOPr and PDYN/KOPr systems in rats: Relevance to sporadic Parkinson's disease.

Mode of action and human relevance of pronamide-induced rat thyroid tumors.

Subcellular energy balance of *Odontesthes bonariensis* exposed to a glyphosate-based herbicide.

DNA damage in grasshopper *Chorthippus brunneus* (Orthoptera) hatchlings following paraquat exposure.

Commercial formulation containing 2,4-D affects biochemical parameters and morphological indices of silver catfish exposed for 90 days.

Polyphenol extract from *Phellinus igniarius* protects against acrolein toxicity in vitro and provides protection in a mouse stroke model.

Glyphosate, pathways to modern diseases III: Manganese, neurological diseases, and associated pathologies.

Neurobehavioral effects of concurrent exposure to cesium-137 and paraquat during neonatal development in mice.

Atrazine levels in the Jaboticabal water stream (São Paulo State, Brazil) and its toxicological effects on the pacu fish *Piaractus mesopotamicus*.

The invertebrate *Caenorhabditis elegans* biosynthesizes ascorbate.

Influenza A infection attenuates relaxation responses of mouse tracheal smooth muscle evoked by acrolein.

Atrazine induces apoptosis of SH-SY5Y human neuroblastoma cells via the regulation of Bax/Bcl-2 ratio and caspase-3-dependent pathway.

Effects of prometryne on early life stages of common carp (*Cyprinus carpio* L.).

Molecular mechanisms of acrolein toxicity: relevance to human disease.

Selenium reduces bradykinesia and DNA damage in a rat model of Parkinson's disease.

(1)H NMR based metabolomics approach to study the toxic effects of herbicide butachlor on goldfish (*Carassius auratus*).

Behavioral response of juvenile rainbow trout exposed to an herbicide mixture.

Relative developmental toxicities of pentachloroanisole and pentachlorophenol in a zebrafish model (*Danio rerio*).

Effects of atrazine and chlorpyrifos on DNA methylation in the brain and gonad of the common carp.

Docosahexaenoic acid prevents paraquat-induced reactive oxygen species production in dopaminergic neurons via enhancement of glutathione homeostasis.

Acute effects of acrolein in human volunteers during controlled exposure.

Effects of Atrazine on the Development of Neural System of Zebrafish, *Danio rerio*.

Parkinsonian toxin-induced oxidative stress inhibits basal autophagy in astrocytes via NQO2/quinone oxidoreductase 2: Implications for neuroprotection.

Evaluation of a multiple sclerosis cluster among nurses in an inpatient oncology ward.

Clearance rate and BP-ANN model in paraquat poisoned patients treated with hemoperfusion.

Acute Effects of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) or Paraquat on Core Temperature in C57BL/6J Mice.

The herbicide glyphosate causes behavioral changes and alterations in dopaminergic markers in male Sprague-Dawley rat.

A dopamine receptor contributes to paraquat-induced neurotoxicity in *Drosophila*.

Cancer risks and long-term community-level exposure to pentachlorophenol in contaminated areas, China.

Superoxide produced in the matrix of mitochondria enhances methylmercury toxicity in human neuroblastoma cells.

EDC-2: The Endocrine Society's Second Scientific Statement on Endocrine-Disrupting Chemicals.

Acrolein contributes to TRPA1 up-regulation in peripheral and central sensory hypersensitivity following spinal cord injury.

Compensatory role of the Nrf2-ARE pathway against paraquat toxicity: Relevance of 26S proteasome activity.

Parkinson's disease and enhanced inflammatory response.

Evaluation of dementia by acrolein, amyloid- β^2 and creatinine.

Cinnamaldehyde inhibits inflammation and brain damage in a mouse model of permanent cerebral ischaemia.

Superoxide anion radical ($O_2^{\cdot-}$) degrades methylmercury to inorganic mercury in human astrocytoma cell line (CCF-STTG1).

A human surrogate model of itch utilizing the TRPA1 agonist trans-cinnamaldehyde.

Long-lasting facilitation of respiratory rhythm by treatment with TRPA1 agonist, cinnamaldehyde.

Superoxide enhances Ca²⁺ entry through L-type channels in the renal afferent arteriole.

Soluble Epoxide Hydrolase Deficiency or Inhibition Attenuates MPTP-Induced Parkinsonism.

Endogenous hydrogen peroxide in the hypothalamic paraventricular nucleus regulates neurohormonal excitation in high salt-induced hypertension.

[Preventive effects of 5-hydroxy-1-methylhydantoin on paraquat-induced nephrotoxicity in rat].

Antinociceptive effect of methanol extract of leaves of *Persicaria hydropiper* in mice.

Cinnamic aldehyde treatment alleviates chronic unexpected stress-induced depressive-like behaviors via targeting cyclooxygenase-2 in mid-aged rats.

Distinguishing mild cognitive impairment from Alzheimer's disease with acrolein metabolites and creatinine in urine.

Protective glove use and hygiene habits modify the associations of specific pesticides with Parkinson's disease.

Protective effect of crocin on acrolein-induced tau phosphorylation in the rat brain.

Oxidative Stress during the Progression of A β -Amyloid Pathology in the Neocortex of the Tg2576 Mouse Model of Alzheimer's Disease.

Molecular mechanisms of acrolein-mediated myelin destruction in CNS trauma and disease.

The ethanol metabolite acetaldehyde induces water and salt intake via two distinct pathways in the central nervous system of rats.

Arabidopsis INCURVATA2 Regulates Salicylic Acid and Abscisic Acid Signaling, and Oxidative Stress Responses.

Donepezil Regulates 1-Methyl-4-phenylpyridinium-Induced Microglial Polarization in Parkinson's Disease.

Laboratory Rodent Diets Contain Toxic Levels of Environmental Contaminants: Implications for Regulatory Tests.

[Changes of the Expression of Brain Derived Neurotrophic Factors in Rats Trachea Induced by Acrolein Exposure].

Oxidative Stress in *Caenorhabditis elegans*: Protective Effects of Spartin.

Measuring oxidative stress resistance of *Caenorhabditis elegans* in 96-well microtiter plates.

The influence of glyphosate on the microbiota and production of botulinum neurotoxin during ruminal fermentation.

Menthol attenuates respiratory irritation and elevates blood cotinine in cigarette smoke exposed mice.

A micro-QuEChERS method coupled to GC-MS for the quantification of pesticides in specific maternal and fetal tissues.

Simultaneous determination of cinnamaldehyde and its metabolite in rat tissues by gas chromatography-mass spectrometry.

Unveiling the role of the pesticides paraquat and rotenone on α -synuclein fibrillation in vitro.

Effects of toluene, acrolein and vinyl chloride on motor activity of *Drosophila melanogaster*.

Key role of salsolinol in ethanol actions on dopamine neuronal activity of the posterior ventral tegmental area.

Drugs That Bind to α -Synuclein: Neuroprotective or Neurotoxic?

PKC in rat dorsal raphe nucleus plays a key role in sleep-wake regulation.

Compound- and sex-specific effects on programming of energy and immune homeostasis in adult C57BL/6JxFVB mice after perinatal TCDD and PCB 153.

Paraoxonase 1 and cytochrome P450 polymorphisms in susceptibility to acute organophosphorus poisoning in Egyptians.

In utero/lactational and adult exposures to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) show differential effects on craniofacial development and growth in rats.

Subcellular Localization of Matrin 3 Containing Mutations Associated with ALS and Distal Myopathy.

Stress Granules Modulate SYK to Cause Microglial Cell Dysfunction in Alzheimer's Disease.

Immunohistochemical analysis of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity on the developmental dentate gyrus and hippocampal fimbria in fetal mice.

Mechanical properties of normal versus cancerous breast cells.

Reversible Splenic Lesion Syndrome (RESLES) Following Glufosinate Ammonium Poisoning.

Cyclodextrin-modified MEKC method for quantification of selected acidic metabolites of catecholamines in the presence of various biogenic amines. Application to diagnosis of neuroblastoma.

Central nervous system-specific knockout of Brg1 causes growth retardation and neuronal degeneration.

Residential Exposure to Pesticide During Childhood and Childhood Cancers: A Meta-Analysis.

Modulation of Glycosaminoglycans Affects PrPSc Metabolism but Does Not Block PrPSc Uptake.

Small molecule inhibitors of PSD95-nNOS protein-protein interactions as novel analgesics.

An unusual cause of fetomaternal distress at term: uterine vessel rupture in pregnancy.

Small-molecule inhibitors at the PSD-95/nNOS interface protect against glutamate-induced neuronal atrophy in primary cortical neurons.

Insulin attenuates arsenic-induced neurite outgrowth impairments by activating the PI3K/Akt/SIRT1 signaling pathway.

Neuroendocrine factors regulate retinoic acid receptors in normal and hypoplastic lung development.

Effect of correction of anemia on echocardiographic and clinical parameters in patients with aortic stenosis involving a three-cuspid aortic valve and normal left ventricular ejection fraction.

Defective parasympathetic innervation is associated with airway branching abnormalities in experimental CDH.

Arsenic-induced dyslipidemia in male albino rats: comparison between trivalent and pentavalent inorganic arsenic in drinking water.

Heat shock protein responses to aging and proteotoxicity in the olfactory bulb.

Attenuation of neuromotor deficits by natural antioxidants of *Decalepis hamiltonii* in transgenic *Drosophila* model of Parkinson's disease.

The *Drosophila* T-box transcription factor midline functions within Insulin/Akt and c-Jun-N terminal kinase stress-reactive signaling pathways to regulate interommatial bristle formation and cell survival.

Locomotor activity and sensory-motor developmental alterations in rat offspring exposed to arsenic prenatally and via lactation.

Monochloroacetic acid application is an effective alternative to cryotherapy for common and plantar warts in primary care: a randomized controlled trial.

Increasing frequency of severe clinical toxicity after use of 2,4-dinitrophenol in the UK: a report from the National Poisons Information Service.

Synergistic deleterious effect of chronic stress and sodium azide in the mouse hippocampus.

Differential gene expression patterns in developing sexually dimorphic rat brain regions exposed to antiandrogenic, estrogenic, or complex endocrine disruptor mixtures: glutamatergic synapses as target.

Chronic cardiovascular disease-associated gene network analysis in human umbilical vein endothelial cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Role of autophagy in arsenite-induced neurotoxicity: the involvement of α -synuclein.

The cellular and molecular progression of mitochondrial dysfunction induced by 2,4-dinitrophenol in developing zebrafish embryos.

Behavioral characterization of mouse models of neuroferritinopathy.

Transcriptional profiling of rat hypothalamus response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Cardiac toxicity by sublethal 2,3,7,8-tetrachlorodibenzo-p-dioxin correlates with its anti-proliferation effect on cardiomyocytes in zebrafish embryos.

Urinary amino acid alterations in 3-year-old children with neurodevelopmental effects due to perinatal dioxin exposure in Vietnam: a nested case-control study for neurobiomarker discovery.

Developmental exposure to purity-controlled polychlorinated biphenyl congeners (PCB74 and PCB95) in rats: effects on brainstem auditory evoked potentials and catalepsy.

Cell surface heparan sulfate proteoglycans are involved in the binding of Hsp90 α and Hsp90 β to the cell plasma membrane.

Extrapyramidal system neurotoxicity: animal models.

[Development of Higher Brain Function Tests in Rodents and Its Application to Neurotoxicity Assessment of Environmental Chemicals].

Complestatin exerts antibacterial activity by the inhibition of fatty acid synthesis.

L-Tryptophan as a Novel Potential Pharmacological Treatment for Wound Healing via Aryl Hydrocarbon Receptor Activation.

Dietary factors in the etiology of Parkinson's disease.

Borax partially prevents neurologic disability and oxidative stress in experimental spinal cord ischemia/reperfusion injury.

Antiandrogenic mechanisms of pesticides in human LNCaP prostate and H295R adrenocortical carcinoma cells.

Exposure to As-, Cd-, and Pb-mixture induces A β , amyloidogenic APP processing and cognitive impairments via oxidative stress-dependent neuroinflammation in young rats.

World Health Organization estimates of the global and regional disease burden of four foodborne chemical toxins, 2010: a data synthesis.

Atrazine Exposure and Reproductive Dysfunction through the Hypothalamus-Pituitary-Gonadal (HPG) Axis.

Perinatal dioxin exposure and the neurodevelopment of Vietnamese toddlers at 1 year of age.

Paraquat and psychological stressor interactions as pertains to Parkinsonian co-morbidity.

Developmental origin of abnormal dendritic growth in the mouse brain induced by in utero disruption of aryl hydrocarbon receptor signaling.

Simultaneous determination of phenoxyethanol and its major metabolite, phenoxyacetic acid, in rat biological matrices by LC-MS/MS with polarity switching: Application to ADME studies.

Comparison of alternative remediation technologies for recycled gravel contaminated with heavy metals.

Resveratrol via sirtuin-1 downregulates RE1-silencing transcription factor (REST) expression preventing PCB-95-induced neuronal cell death.

Detecting total toxicity in water using a mediated biosensor system with flow injection.

The fish embryo test (FET): origin, applications, and future.

Cigarette smoke has sensory effects through nicotinic and TRPA1 but not TRPV1 receptors on the isolated mouse trachea and larynx.

The role of thioredoxin reductase and glutathione reductase in plumbagin-induced, reactive oxygen species-mediated apoptosis in cancer cell lines.

Synthesis of a PET tau tracer [(11)C]PBB3 for imaging of Alzheimer's disease.

Melatonin Ameliorates Arsenite-Induced Neurotoxicity: Involvement of Autophagy and Mitochondria.

Transcription factor p63 controls the reserve status but not the stemness of horizontal basal cells in the olfactory epithelium.

Interleukin-1 β protects astrocytes against oxidant-induced injury via an NF- κ B-dependent upregulation of glutathione synthesis.

Biochemical and Molecular Alterations Following Arsenic-Induced Oxidative Stress and Mitochondrial Dysfunction in Rat Brain.

Glyphosate, neurological diseases - and the scientific method.

The mitochondrial uncoupler DNP triggers brain cell mTOR signaling network reprogramming and CREB pathway up-regulation.

Severe Illness from Methyl Bromide Exposure at a Condominium Resort--U.S. Virgin Islands, March 2015.

Aryl hydrocarbon receptor regulates CYP1B1 but not ABCB1 and ABCG2 in hCMEC/D3 human cerebral microvascular endothelial cells after TCDD exposure.

Paralytic ileus induced by glyphosate intoxication successfully treated using Kampo medicine.

A multiplexed assay for determination of neurotoxicant effects on spontaneous network activity and viability from microelectrode arrays.

Dioxin disrupts cranial cartilage and dermal bone development in zebrafish larvae.

Red Wine Again? Commentary on an article by Erin L. Hsu, PhD, et al.: "Dioxin Exposure Impairs BMP-2-Mediated Spinal Fusion in a Rat Arthrodesis Model".

Dioxin Exposure Impairs BMP-2-Mediated Spinal Fusion in a Rat Arthrodesis Model.

Paraquat exposure induces behavioral deficits in larval zebrafish during the window of dopamine neurogenesis.

Glucose stimulates neurotensin secretion from the rat small intestine by mechanisms involving SGLT1 and GLUT2, leading to cell depolarization and calcium influx.

Fish embryo toxicity test: identification of compounds with weak toxicity and analysis of behavioral effects to improve prediction of acute toxicity for neurotoxic compounds.

Critical Role of TAK1-Dependent Nuclear Factor- κ B Signaling in 2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced Astrocyte Activation and Subsequent Neuronal Death.

Steroid hormone related effects of marine persistent organic pollutants in human H295R adrenocortical carcinoma cells.

Contribution of impaired myofibril and ryanodine receptor function to prolonged low-frequency force depression after in situ stimulation in rat skeletal muscle.

Physiological fluxes and antioxidative enzymes activities of immobilized *Phanerochaete chrysosporium* loaded with TiO₂ nanoparticles after exposure to toxic pollutants in solution.

Lithium protects against paraquat neurotoxicity by NRF2 activation and miR-34a inhibition in SH-SY5Y cells.

Practical Radiosynthesis and Preclinical Neuroimaging of [¹¹C]isradipine, a Calcium Channel Antagonist.

Transgenic LRRK2 (R1441G) rats-a model for Parkinson disease?

[The Effect of Maternal Exposure to Dioxins on the Level of Thyroid Hormone in Developing Pups].

Increased brain nitric oxide levels following ethanol administration.

Neuropathological effect of dimethyl disulfide on neurons of the desert locust *Schistocerca gregaria*.

Intrathecal cannabinoid-1 receptor agonist prevents referred hyperalgesia in acute acrolein-induced cystitis in rats.

Role of ALADIN in human adrenocortical cells for oxidative stress response and steroidogenesis.

A Case Report of Toxic Brain Syndrome Caused by Methyl Bromide.

Identification of distinct circulating exosomes in Parkinson's disease.

Evaluation of various methods of point-of-care testing of haemoglobin concentration in blood donors.

Antioxidant compounds in the seaweed *Gelidiella acerosa* protects human Peripheral Blood Mononuclear Cells against TCDD induced toxicity.

Effects of combined ferrous sulfate administration and exposure to static magnetic field on brain oxidative stress and emotional behavior.

Ulinastatin suppresses endoplasmic reticulum stress and apoptosis in the hippocampus of rats with acute paraquat poisoning.

Lipotubuloids in ovary epidermis of *Ornithogalum umbellatum* act as metabolons: suggestion of the name 'lipotubuloid metabolon'.

Longitudinal assessment of occupational exposures to the organophosphorous insecticides chlorpyrifos and profenofos in Egyptian cotton field workers.

Synthesis of 6-[(¹¹C)methyl-m-tyrosine ((¹¹C)6MemTyr) for dopamine synthesis imaging in living brain using PET.

Lactational exposure to low levels of the six indicator non-dioxin-like polychlorinated biphenyls induces DNA damage and repression of neuronal activity, in juvenile male mice.

Perturbations in dopamine synthesis lead to discrete physiological effects and impact oxidative stress response in *Drosophila*.

Nitric oxide production and sequestration in the sinus gland of the green shore crab *Carcinus maenas*.

Hypoxia interferes with aryl hydrocarbon receptor pathway in hCMEC/D3 human cerebral microvascular endothelial cells.

Dinitrophenol modulates gene expression levels of angiogenic, cell survival and cardiomyogenic factors in bone marrow derived mesenchymal stem cells.

Disparate roles of zinc in chemical hypoxia-induced neuronal death.

Chloroacetic acid triggers apoptosis in neuronal cells via a reactive oxygen species-induced endoplasmic reticulum stress signaling pathway.

Craniofacial form is altered by chronic adult exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in Han/Wistar and Long-Evans rats with different aryl hydrocarbon receptor (AhR) structures.

Paraquat Poisoning: Analysis of an Uncommon Cause of Fatal Poisoning from Manipal, South India.

[The Relationship of Obesity to the Character of Nutrition].

Different regulation of aryl hydrocarbon receptor-regulated genes in response to dioxin in undifferentiated and neuronally differentiated human neuroblastoma SH-SY5Y cells.

Glu504Lys Single Nucleotide Polymorphism of Aldehyde Dehydrogenase 2 Gene and the Risk of Human Diseases.

Preprophase band formation and cortical division zone establishment: RanGAP behaves differently from microtubules during their band formation.

Neuroglobin Plays a Protective Role in Arsenite-Induced Cytotoxicity by Inhibition of Cdc42 and Rac1GTPases in Rat Cerebellar Granule Neurons.

Increase in oxidative stress biomarkers in dogs with ascending-descending myelomalacia following spinal cord injury.

Use of diatom motility features as endpoints of metolachlor toxicity.

On-line biosensor for the detection of putative toxicity in water contaminants.

Modulatory role of Acacia honey from north-west Nigeria on sodium arsenite-induced clastogenicity and oxidative stress in male Wistar rats.

Exposure to mitochondrial genotoxins and dopaminergic neurodegeneration in *Caenorhabditis elegans*.

Short-term oral atrazine exposure alters the plasma metabolome of male C57BL/6 mice and disrupts $\hat{\pm}$ -linolenate, tryptophan, tyrosine and other major metabolic pathways.

Longterm melatonin administration alleviates paraquat mediated oxidative stress in *Drosophila melanogaster*.

Sex-specific enhanced behavioral toxicity induced by maternal exposure to a mixture of low dose endocrine-disrupting chemicals.

Acute systemic accumulation of acrolein in mice by inhalation at a concentration similar to that in cigarette smoke.

Induced pluripotent stem cells without c-Myc ameliorate retinal oxidative damage via paracrine effects and reduced oxidative stress in rats.

Occupational exposure to pesticides and endotoxin and Parkinson disease in the Netherlands.

Guarana (*Paullinia cupana* Mart.) prevents β -amyloid aggregation, generation of advanced glycation-end products (AGEs), and acrolein-induced cytotoxicity on human neuronal-like cells.

Immediate and delayed effects of subchronic Paraquat exposure during an early differentiation stage in 3D-rat brain cell cultures.

Pesticides exposure as etiological factors of Parkinson's disease and other neurodegenerative diseases-- a mechanistic approach.

Characterization of paraquat-induced miRNA profiling response in hNPCs undergoing proliferation.

Effects of field-realistic doses of glyphosate on honeybee appetitive behaviour.

Mutation in *Drosophila methuselah* resists paraquat induced Parkinson-like phenotypes.

Butachlor causes disruption of HPG and HPT axes in adult female rare minnow (*Gobiocypris rarus*).

The experimental autoimmune encephalomyelitis disease course is modulated by nicotine and other cigarette smoke components.

Alterations in energy/redox metabolism induced by mitochondrial and environmental toxins: a specific role for glucose-6-phosphate-dehydrogenase and the pentose phosphate pathway in paraquat toxicity.

A comparison of temporal trends in United States autism prevalence to trends in suspected environmental factors.

Synergistic effects on dopamine cell death in a *Drosophila* model of chronic toxin exposure.

Atrazine reduces reproduction in Japanese medaka (*Oryzias latipes*).

Biochemical effects of glyphosate based herbicide, Excel Mera 71 on enzyme activities of acetylcholinesterase (AChE), lipid peroxidation (LPO), catalase (CAT), glutathione-S-transferase (GST) and protein content on teleostean fishes.

Gestational and lactational exposure to atrazine via the drinking water causes specific behavioral deficits and selectively alters monoaminergic systems in C57BL/6 mouse dams, juvenile and adult offspring.

Antioxidant and neurotoxicity markers in the model organism *Enchytraeus albidus* (Oligochaeta): mechanisms of response to atrazine, dimethoate and carbendazim.

Effects of glyphosate-based herbicides on survival, development, growth and sex ratios of wood frog (*Lithobates sylvaticus*) tadpoles. II: agriculturally relevant exposures to Roundup WeatherMax[®] and Vision[®] under laboratory conditions.

Effects of glyphosate-based herbicides on survival, development, growth and sex ratios of wood frogs (*Lithobates sylvaticus*) tadpoles. I: chronic laboratory exposures to VisionMax[®].

RBE4 cells are highly resistant to paraquat-induced cytotoxicity: studies on uptake and efflux mechanisms.

The LYR factors SDHAF1 and SDHAF3 mediate maturation of the iron-sulfur subunit of succinate dehydrogenase.

Hydrogen peroxide responsive miR153 targets Nrf2/ARE cytoprotection in paraquat induced dopaminergic neurotoxicity.

[Cloning of full-length cDNA of HMGR from *Gobiocypris rarus* and analysis of its expression profiles in male exposed to pentachlorophenol].

Toxicity endpoint selections for a simazine risk assessment.

Agent Orange exposure and disease prevalence in Korean Vietnam veterans: the Korean veterans health study.

Novel molecular events associated with altered steroidogenesis induced by exposure to atrazine in the intact and castrate male rat.

Effects of the acute exposition to glyphosate-based herbicide on oxidative stress parameters and antioxidant responses in a hybrid Amazon fish surubim (*Pseudoplatystoma* sp).

Glyphosate affects the spontaneous motoric activity of intestine at very low doses - in vitro study. Response.

Letter to the editor. Re: The perplexing paradox of paraquat: the case for host-based susceptibility and postulated neurodegenerative effects.

Subchronic atrazine exposure changes defensive behaviour profile and disrupts brain acetylcholinesterase activity of zebrafish.

Effects of atrazine on endocrinology and physiology in juvenile barramundi, *Lates calcarifer* (Bloch).

Changes in phosphatidylinositol 3-kinase 55 kDa gamma expression and subcellular localization may be caspase 6 dependent in paraquat-induced SH-SY5Y apoptosis.

Unilateral hippocampal infarction associated with an attempted suicide: a case report.

Mechanisms underlying the neurotoxicity induced by glyphosate-based herbicide in immature rat hippocampus: involvement of glutamate excitotoxicity.

Heat shock protein-70 (Hsp-70) suppresses paraquat-induced neurodegeneration by inhibiting JNK and caspase-3 activation in *Drosophila* model of Parkinson's disease.

Atrazine and pregnancy outcomes: a systematic review of epidemiologic evidence.

Endogenous dopamine is involved in the herbicide paraquat-induced dopaminergic cell death.

New insights into antioxidant strategies against paraquat toxicity.

Allopurinol reduces levels of urate and dopamine but not dopaminergic neurons in a dual pesticide model of Parkinson's disease.

Age-dependent dopaminergic dysfunction following fetal exposure to atrazine in SD rats.

The effect of glyphosate, its metabolites and impurities on erythrocyte acetylcholinesterase activity.

The perplexing paradox of paraquat: the case for host-based susceptibility and postulated neurodegenerative effects.

Long-term exposure to paraquat alters behavioral parameters and dopamine levels in adult zebrafish (*Danio rerio*).

Effect of superoxide dismutase-entrapped liposomes and protein transduction domain-superoxide dismutase on human umbilical vein endothelial cells.

Lithium prevents acrolein-induced neurotoxicity in HT22 mouse hippocampal cells.

Environmental neurotoxic challenge of conditional alpha-synuclein transgenic mice predicts a dopaminergic olfactory-striatal interplay in early PD.

A unique co-culture model for fundamental and applied studies of human fetoplacental steroidogenesis and interference by environmental chemicals.

The long-term effects of the herbicide atrazine on the dopaminergic system following exposure during pubertal development.

Tissue-specific induction of oxidative stress in goldfish by 2,4-dichlorophenoxyacetic acid: mild in brain and moderate in liver and kidney.

Identification of toxicants in cinnamon-flavored electronic cigarette refill fluids.

Consequences of developmental exposure to concentrated ambient ultrafine particle air pollution combined with the adult paraquat and maneb model of the Parkinson's disease phenotype in male mice.

Dietary administration of paraquat for 13 weeks does not result in a loss of dopaminergic neurons in the substantia nigra of C57BL/6J mice.

The effects of 24-h exposure to carbaryl or atrazine on the locomotor performance and overwinter growth and survival of juvenile spotted salamanders (*Ambystoma maculatum*).

Exposure to atrazine during gestation and lactation periods: toxicity effects on dopaminergic neurons in offspring by downregulation of Nurr1 and VMAT2.

N-acetyl cysteine prevents synergistic, severe toxicity from two hits of oxidative stress.

Rotenone and paraquat perturb dopamine metabolism: A computational analysis of pesticide toxicity.

[Oxidative stress and antioxidant therapy with alpha-lipoic acid inclusion in acute poisoning by herbicide based on 2,4-dichlorophenoxyacetic acid].

[Micro RNA alteration after paraquat induced PC12 cells damage and regulatory mechanism of bcl-2].

Toxic effects of penoxsulam herbicide in two fish species reared in southern Brazil.

Influence of atrazine on the scalation of Marcy's checkered gartersnake, *Thamnophis m. marcianus* (Baird and Girard, 1853).

Chronic exposure to pentachlorophenol alters thyroid hormones and thyroid hormone pathway mRNAs in zebrafish.

Consensus diagnoses and mode of action for the formation of gastric tumors in rats treated with the chloroacetanilide herbicides alachlor and butachlor.

Herbicide paraquat induces sex-specific variation of neuroinflammation and neurodegeneration in *Drosophila melanogaster*.

Curcumin's neuroprotective efficacy in *Drosophila* model of idiopathic Parkinson's disease is phase specific: implication of its therapeutic effectiveness.

The blockade of transient receptor potential ankirin 1 (TRPA1) signalling mediates antidepressant- and anxiolytic-like actions in mice.

Pharmacological inhibition of CXCR2 chemokine receptors modulates paraquat-induced intoxication in rats.

Acrolein exposure is associated with increased cardiovascular disease risk.

Imbalance of caveolin-1 and eNOS expression in the pulmonary vasculature of experimental diaphragmatic hernia.

Localized changes to glycogen synthase kinase-3 and collapsin response mediator protein-2 in the Huntington's disease affected brain.

Gallic acid functions as a TRPA1 antagonist with relevant antinociceptive and antiedematogenic effects in mice.

Arsenic methylation capacity and developmental delay in preschool children in Taiwan.

Eugenol and carvacrol excite first- and second-order trigeminal neurons and enhance their heat-evoked responses.

Acrolein detection: potential theranostic utility in multiple sclerosis and spinal cord injury.

Neuroprotective role of hydralazine in rat spinal cord injury-attenuation of acrolein-mediated damage.

Distinction between mild cognitive impairment and Alzheimer's disease by CSF amyloid β^{240} and β^{42} , and protein-conjugated acrolein.

Cinnamon extract improves insulin sensitivity in the brain and lowers liver fat in mouse models of obesity.

Mechanical stretch exacerbates the cell death in SH-SY5Y cells exposed to paraquat: mitochondrial dysfunction and oxidative stress.

Acrolein involvement in sensory and behavioral hypersensitivity following spinal cord injury in the rat.

Prenatal exposure to organophosphate pesticides and neurobehavioral development of neonates: a birth cohort study in Shenyang, China.

Antinociceptive and anti-inflammatory activities of extract and two isolated flavonoids of *Carthamus tinctorius* L.

Absence of P-glycoprotein transport in the pharmacokinetics and toxicity of the herbicide paraquat.

Orally delivered water soluble Coenzyme Q10 (Ubisol-Q10) blocks on-going neurodegeneration in rats exposed to paraquat: potential for therapeutic application in Parkinson's disease.

Parkinson's disease, lights and melanocytes: looking beyond the retina.

Relative risk values of age, acrolein, IL-6 and CRP as markers of periventricular hyperintensities: a cross-sectional study.

TRPA1: a transducer and amplifier of pain and inflammation.

Enantioselective metabolism of the chiral herbicide diclofop-methyl and diclofop by HPLC in loach (*Misgurnus anguillicaudatus*) liver microsomes in vitro.

Somatosensory and vasomotor manifestations of individual and combined stimulation of TRPM8 and TRPA1 using topical L-menthol and trans-cinnamaldehyde in healthy volunteers.

Centrally formed acetaldehyde mediates ethanol-induced brain PKA activation.

A derivatization and validation strategy for determining the spatial localization of endogenous amine metabolites in tissues using MALDI imaging mass spectrometry.

Sorption of polar herbicides and herbicide metabolites by biochar-amended soil.

In vitro regeneration of *Coelogyne nervosa* A.Rich. and *Eria pseudoclavicaulis* Blatt., threatened orchids of Western Ghats, India.

Recharging mitochondrial batteries in old eyes. Near infra-red increases ATP.

Acrolein relaxes mouse isolated tracheal smooth muscle via a TRPA1-dependent mechanism.

Comparison of speciated arsenic levels in the liver and brain of mice between arsenate and arsenite exposure at the early life.

Microalgae dual-head biosensors for selective detection of herbicides with fiber-optic luminescent O₂ transduction.

New competitive dendrimer-based and highly selective immunosensor for determination of atrazine in environmental, feed and food samples: the importance of antibody selectivity for discrimination among related triazinic metabolites.

Health effects and arsenic species in urine of copper smelter workers.

In-vivo evaluation of the permeability of the blood-brain barrier to arsenicals, molybdate, and methylmercury by use of online microdialysis-packed minicolumn-inductively coupled plasma mass spectrometry.

p-Cresol affects reactive oxygen species generation, cell cycle arrest, cytotoxicity and inflammation/atherosclerosis-related modulators production in endothelial cells and mononuclear cells.

A novel multi-amplification photoelectrochemical immunoassay based on copper(II) enhanced polythiophene sensitized graphitic carbon nitride nanosheet.

Neurological and neurophysiological examinations of workers exposed to arsenic levels exceeding hygiene standards.

Prenatal administration of neuropeptide bombesin promotes lung development in a rat model of nitrofen-induced congenital diaphragmatic hernia.

Dietary early-life exposure to contaminated eels does not impair spatial cognitive performances in adult offspring mice as assessed in the Y-maze and the Morris water maze.

Small-molecule inhibitors at the PSD-95/nNOS interface attenuate MPP⁺-induced neuronal injury through Sirt3 mediated inhibition of mitochondrial dysfunction.

Withania somnifera alleviates parkinsonian phenotypes by inhibiting apoptotic pathways in dopaminergic neurons.

Cognitive impairment associated with low ferritin responsive to iron supplementation.

Potential roles of noncoding RNAs in environmental epigenetic transgenerational inheritance.

Antagonism of ionotropic glutamate receptors attenuates chemical ischemia-induced injury in rat primary cultured myenteric ganglia.

Prenatal sodium arsenite affects early development of serotonergic neurons in the fetal rat brain.

Maternal periconceptional occupational pesticide exposure and neural tube defects.

Analysis of dopaminergic neuronal dysfunction in genetic and toxin-induced models of Parkinson's disease in *Drosophila*.

Low brain iron effects and reversibility on striatal dopamine dynamics.

2,3,7,8-Tetrachlorodibenzo-p-dioxin in breast milk increases autistic traits of 3-year-old children in Vietnam.

[Iron deficiency. Effective: oral substitution].

Impact of agriculture on the selection of insecticide resistance in the malaria vector *Anopheles gambiae*: a multigenerational study in controlled conditions.

[Rheumatology: Progress in Diagnosis and Treatments. Topics: III. Rheumatoid Arthritis and Allied Conditions; 2. Allied Conditions. 2) Polymyalgia rheumatica].

The novel regulations of MEF2A, CAMKK2, CALM3, and TNNI3 in ventricular hypertrophy induced by arsenic exposure in rats.

Human organic anion transporters function as a high-capacity transporter for p-cresyl sulfate, a uremic toxin.

Functional characterisation of the R2452W ryanodine receptor variant associated with malignant hyperthermia susceptibility.

Urinary p-cresol is elevated in young French children with autism spectrum disorder: a replication study.

Radiosynthesis, photoisomerization, biodistribution, and metabolite analysis of ¹¹C-PBB3 as a clinically useful PET probe for imaging of tau pathology.

Involvement of COX2-thromboxane pathway in TCDD-induced precardiac edema in developing zebrafish.

Neurodevelopmental retardation, as assessed clinically and with magnetoencephalography and electroencephalography, associated with perinatal dioxin exposure.

Ultrasound-guided proximal paravertebral anaesthesia in cattle.

Microvascular dysfunction with increased vascular leakage response in mice systemically exposed to arsenic.

HuR regulates alternative splicing of the TRA2² gene in human colon cancer cells under oxidative stress.

Effects of ferrofluid and phytoalexin spirobrassinin on thioflavin-T-based fluorescence in cerebrospinal fluid of the elderly and multiple sclerosis patients.

Zinc supplementation sustained normative neurodevelopment in a randomized, controlled trial of Peruvian infants aged 6-18 months.

Responsiveness of hepatic and cerebral cytochrome P450 in rat offspring prenatally and lactationally exposed to a reconstituted PCB mixture.

Morphine glucuronidation increases its analgesic effect in guinea pigs.

Activation of neuronal nitric oxide synthase (nNOS) signaling pathway in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced neurotoxicity.

Role of the autonomic nervous system and baroreflex in stress-evoked cardiovascular responses in rats.

Thrombin-facilitated efflux of D-[³H]-aspartate from cultured astrocytes and neurons under hyponatremia and chemical ischemia.

Postnatal development of eupneic ventilation and metabolism in rats chronically exposed to moderate hyperoxia.

A study of the effects of latent iron deficiency on measures of cognition: a pilot randomised controlled trial of iron supplementation in young women.

The mitochondrial deubiquitinase USP30 opposes parkin-mediated mitophagy.

Cardiovascular disease relates to intestinal uptake of p-cresol in patients with chronic kidney disease.

A rapid, simple questionnaire to assess gastrointestinal symptoms after oral ferrous sulphate supplementation.

MicroRNA profiling as tool for in vitro developmental neurotoxicity testing: the case of sodium valproate.

[Analgesic effect of DICLEAL on radiation-induced oral mucositis].

Compensation for occupational neurological and mental disorders.

PdO-mediated rapid cross-coupling reactions, the rapid C-[11C]methylations, revolutionarily advancing the syntheses of short-lived PET molecular probes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin promotes astrocyte activation and the secretion of tumor necrosis factor- α via PKC/SSeCKS-dependent mechanisms.

Determinants of cognitive performance in children relying on cyanogenic cassava as staple food.

Mammalian microtubule P-body dynamics are mediated by nesprin-1.

Synthesis and biological evaluation of 10-(11) C-dihydrotrabenazine as a vesicular monoamine transporter 2 radioligand.

The thiocarbamate disulphide drug, disulfiram induces osteopenia in rats by inhibition of osteoblast function due to suppression of acetaldehyde dehydrogenase activity.

Ultrasound-guided interventional procedures around the shoulder.

Ulceration of the oral mucosa following direct contact with ferrous sulfate in elderly patients: a case report and a review of the French National Pharmacovigilance Database.

The TrkAIII oncoprotein inhibits mitochondrial free radical ROS-induced death of SH-SY5Y neuroblastoma cells by augmenting SOD2 expression and activity at the mitochondria, within the context of a tumour stem cell-like phenotype.

Accommodating measurements below a limit of detection: a novel application of Cox regression.

Nanoencapsulation of DMSA monoester for better therapeutic efficacy of the chelating agent against arsenic toxicity.

Enteric nervous system and esophageal-gastrointestinal motility in experimental congenital diaphragmatic hernia.

Synergistic interactions between PBDEs and PCBs in human neuroblastoma cells.

Residential agricultural pesticide exposures and risk of neural tube defects and orofacial clefts among offspring in the San Joaquin Valley of California.

Effectiveness of wetting method for control of konzo and reduction of cyanide poisoning by removal of cyanogens from cassava flour.

Disruption of paired-associate learning in rat offspring perinatally exposed to dioxins.

Aryl hydrocarbon receptor downregulates MYCN expression and promotes cell differentiation of neuroblastoma.

Fetal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin transactivates aryl hydrocarbon receptor-responsive element III in the tyrosine hydroxylase immunoreactive neurons of the mouse midbrain.

Functional analysis of water stress-responsive soybean GmNAC003 and GmNAC004 transcription factors in lateral root development in arabidopsis.

Mitochondrial dysfunction, oxidative stress, and neurodegeneration elicited by a bacterial metabolite in a *C. elegans* Parkinson's model.

KML001, a telomere-targeting drug, sensitizes glioblastoma cells to temozolomide chemotherapy and radiotherapy through DNA damage and apoptosis.

[Role of the critical period in sex and brain differentiation: learning from dioxin-induced disorders in next generations].

Is intralipid fat emulsion a promising therapeutic strategy on neurotoxicity induced by malathion in rats?

Autophagy as an essential cellular antioxidant pathway in neurodegenerative disease.

Arsenic reduces the antipyretic activity of paracetamol in rats: modulation of brain COX-2 activity and CB₁ receptor expression.

Ultrahigh resolution mass spectrometry-based metabolic characterization reveals cerebellum as a disturbed region in two animal models.

Synthesis and evaluation of novel 2,3-dihydrobenzo[b][1,4]dioxin- and indolealkylamine derivatives as potential antidepressants.

Animal models of Parkinson's disease: a gateway to therapeutics?

Maternal exposure to dioxin imprints sexual immaturity of the pups through fixing the status of the reduced expression of hypothalamic gonadotropin-releasing hormone.

Dietary fat intake, pesticide use, and Parkinson's disease.

A high-content screen identifies novel compounds that inhibit stress-induced TDP-43 cellular aggregation and associated cytotoxicity.

Human Ntera2 cells as a predictive in vitro test system for developmental neurotoxicity.

The toxic chemistry of methyl bromide.

Early-life Exposure to Endocrine Disrupting Chemicals and Later-life Health Outcomes: An Epigenetic Bridge?

Glufosinate binds N-methyl-D-aspartate receptors and increases neuronal network activity in vitro.

Transcriptional responses and embryotoxic effects induced by pyrene and methylpyrene in Japanese medaka (*Oryzias latipes*) early life stages exposed to spiked sediments.

Sterols from Mytilidae show anti-aging and neuroprotective effects via anti-oxidative activity.

Pre- and postnatal exposure to low dose glufosinate ammonium induces autism-like phenotypes in mice.

The transcriptional response to oxidative stress during vertebrate development: effects of tert-butylhydroquinone and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

INCREASED RISK OF CHILDHOOD BRAIN TUMORS AMONG CHILDREN WHOSE PARENTS HAD FARM-RELATED PESTICIDE EXPOSURES DURING PREGNANCY.

A novel protective role for the innate immunity Toll-Like Receptor 3 (TLR3) in the retina via Stat3.

Ammonium increases Ca(2+) signalling and up-regulates expression of TRPC1 gene in astrocytes in primary cultures and in the in vivo brain.

Computational and biochemical docking of the irreversible cocaine analog RTI 82 directly demonstrates ligand positioning in the dopamine transporter central substrate-binding site.

4-Amino-2-chlorophenol: Comparative in vitro nephrotoxicity and mechanisms of bioactivation.

The role lipid aldehydes and ALEs in the pathogenesis of diabetic retinopathy.

Oxidative stress affects FET proteins localization and alternative pre-mRNA processing in cellular models of ALS.

Innovative anthocyanins formulation protects neuronal-like cells against oxidative stress-induced damage: Pharmacotherapeutic application for Alzheimer's disease.

Toothache caused by trigeminal neuralgia of vestibular schwannoma: a case report. [Corrected].

Species-specific considerations in using the fish embryo test as an alternative to identify endocrine disruption.

^{14}C -ORM-13070, a novel PET ligand for brain $\alpha_1\text{-adrenoceptors}$: radiometabolism, plasma pharmacokinetics, whole-body distribution and radiation dosimetry in healthy men.

Toxicogenetics: in search of host susceptibility to environmental toxicants.

Detection of cresyl phosphate-modified butyrylcholinesterase in human plasma for chemical exposure associated with aerotoxic syndrome.

Developmental neurotoxicity of 3,3',4,4'-tetrachloroazobenzene with thyroxine deficit: Sensitivity of glia and dentate granule neurons in the absence of behavioral changes.

Glyphosate poisoning with acute pulmonary edema.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induced cell-specific drug transporters with acquired cisplatin resistance in cisplatin sensitive cancer cells.

Transplanted human adipose tissue-derived stem cells engraft and induce regeneration in mice olfactory neuroepithelium in response to dichlobenil subadministration.

The regeneration of P2 olfactory sensory neurons is selectively impaired following methyl bromide lesion.

The application of portable microchip electrophoresis for the screening and comparative analysis of synthetic cathinone seizures.

Transient suppression of AHR activity in early red seabream embryos does not prevent the disruption of peripheral nerve projection by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Magnas functions as a ROS regulator and provides cytoprotection against oxidative stress-mediated damages.

Acute arsenic treatment alters arachidonic acid and its associated metabolite levels in the brain of C57Bl/6 mice.

Products of the Parkinson's disease-related glyoxalase DJ-1, D-lactate and glycolate, support mitochondrial membrane potential and neuronal survival.

FGF21 as a Hepatokine, Adipokine, and Myokine in Metabolism and Diseases.

Cross-omics gene and protein expression profiling in juvenile female mice highlights disruption of calcium and zinc signalling in the brain following dietary exposure to CB-153, BDE-47, HBCD or TCDD.

Polychlorinated Biphenyls in Residential Soils and their Health Risk and Hazard in an Industrial City in India.

Histopathologic alterations associated with global gene expression due to chronic dietary TCDD exposure in juvenile zebrafish.

A PET Tracer for Brain β 2C Adrenoceptors, (11)C-ORM-13070: Radiosynthesis and Preclinical Evaluation in Rats and Knockout Mice.

Increase in insulin-induced relaxation of consecutive arterial segments toward the periphery: Role of vascular oxidative state.

Enantioselective metabolism of quizalofop-ethyl in rat.

Diminished brain resilience syndrome: A modern day neurological pathology of increased susceptibility to mild brain trauma, concussion, and downstream neurodegeneration.

Salidroside protects *Caenorhabditis elegans* neurons from polyglutamine-mediated toxicity by reducing oxidative stress.

The induction of long-term potentiation in spinal dorsal horn after peripheral nociceptive stimulation and contribution of spinal TRPV1 in rats.

The comparison of methods for measuring oxidative stress in zebrafish brains.

Nicotinamide nucleotide transhydrogenase (Nnt) links the substrate requirement in brain mitochondria for hydrogen peroxide removal to the thioredoxin/peroxiredoxin (Trx/Prx) system.

Cathodic electrochemiluminescence immunosensor based on nanocomposites of semiconductor carboxylated g-C₃N₄ and graphene for the ultrasensitive detection of squamous cell carcinoma antigen.

Programmable polymer-based supramolecular temperature sensor with a memory function.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces expression of p27(kip¹) and FoxO3a in female rat cerebral cortex and PC12 cells.

Demographics, clinical characteristics and management of herbicide poisoning in tertiary care hospital.

Protective effect of quercetin on atrazine-induced oxidative stress in the liver, kidney, brain, and heart of adult wistar rats.

Fatal adverse drug reactions: Experience of adverse drug reactions in a tertiary care teaching hospital of North India - A case series.

Biochemical, oxidative and histological changes caused by sub-acute oral exposure of some synthetic cyanogens in rats: ameliorative effect of $\hat{1}\pm$ -ketoglutarate.

A new variant of self-excising $\hat{1}^2$ -recombinase/six cassette for repetitive gene deletion and homokaryon purification in *Neurospora crassa*.

Modulation of cell viability, oxidative stress, calcium homeostasis, and voltage- and ligand-gated ion channels as common mechanisms of action of (mixtures of) non-dioxin-like polychlorinated biphenyls and polybrominated diphenyl ethers.

Brain mitochondria from DJ-1 knockout mice show increased respiration-dependent hydrogen peroxide consumption.

Fluoride and arsenic exposure impairs learning and memory and decreases mGluR5 expression in the hippocampus and cortex in rats.

No requirement of TRPV1 in long-term potentiation or long-term depression in the anterior cingulate cortex.

Acrolein as a novel therapeutic target for motor and sensory deficits in spinal cord injury.

Next-generation airbags and the possibility of negative outcomes due to thoracic injury.

Identification of a novel mitochondrial uncoupler that does not depolarize the plasma membrane.

Applicability of the TCDD-TEQ approach to predict sublethal embryotoxicity in *Fundulus heteroclitus*.

Nucleoside 5'-phosphorothioate derivatives are highly effective neuroprotectants.

p38 and extracellular signal-regulated kinases activations have opposite effects on primary-cultured rat cerebellar granule neurons exposed to sodium arsenite.

Endocrine disrupting chemicals affect the gonadotropin releasing hormone neuronal network.

Cerebellar expression of copper chaperone for superoxide, cytosolic Cu/Zn-superoxide dismutase, 4-hydroxy-2-nonenal, acrolein and heat shock protein 32 in patients with Menkes kinky hair disease: immunohistochemical study.

Oxygen tension controls the expression of the monocarboxylate transporter MCT4 in cultured mouse cortical astrocytes via a hypoxia-inducible factor-1 α -mediated transcriptional regulation.

Label-retaining, quiescent globose basal cells are found in the olfactory epithelium.

Astrocytic mitochondrial membrane hyperpolarization following extended oxygen and glucose deprivation.

2, 3, 7, 8-Tetrachlorodibenzo-p-dioxin (TCDD) induces premature senescence in human and rodent neuronal cells via ROS-dependent mechanisms.

[Effect of synchronous perfusion of NaN₃ in changes in content of cholinergic neurotransmitter in medial prefrontal cortex and hippocampal extra-cellular fluid].

Mitochondrial inhibitor sodium azide inhibits the reorganization of mitochondria-rich cytoplasm and the establishment of the anteroposterior axis in ascidian embryo.

Carbonyl emission and toxicity profile of diesel blends with an animal-fat biodiesel and a tire pyrolysis liquid fuel.

Spatiotemporal imaging of glutamate-induced biophotonic activities and transmission in neural circuits.

The environmental neurotoxicant PCB 95 promotes synaptogenesis via ryanodine receptor-dependent miR132 upregulation.

Arsenic trioxide and other arsenical compounds inhibit the NLRP1, NLRP3, and NAIP5/NLRC4 inflammasomes.

Transcriptome-metabolome wide association study (TMWAS) of maneb and paraquat neurotoxicity reveals network level interactions in toxicologic mechanism.

Pill-Induced Erosive Esophagitis in Children.

Artificial neural network modelling of photodegradation in suspension of manganese doped zinc oxide nanoparticles under visible-light irradiation.

Antioxidative effect of rice bran oil and medium chain fatty acid rich rice bran oil in arsenite induced oxidative stress in rats.

Aluminum-induced entropy in biological systems: implications for neurological disease.

In silico modelling of pesticide aquatic toxicity.

Influence of zinc supplementation on histopathological changes in the stomach, liver, kidney, brain, pancreas and spleen during subchronic exposure of Wistar rats to glyphosate.

[Clarification of molecular targets of dioxin toxicity].

Uptake and metabolic effects of salicylic acid on the pulvina motor cells of *Mimosa pudica* L.

Alpha-lipoic acid protects oxidative stress, changes in cholinergic system and tissue histopathology during co-exposure to arsenic-dichlorvos in rats.

Proton-coupled organic cation antiporter-mediated uptake of apomorphine enantiomers in human brain capillary endothelial cell line hCMEC/D3.

Reaction of small heat-shock proteins to different kinds of cellular stress in cultured rat hippocampal neurons.

Acute toxicity of a commercial glyphosate formulation on European sea bass juveniles (*Dicentrarchus labrax* L.): gene expressions of heme oxygenase-1 (ho-1), acetylcholinesterase (AChE) and aromatases (cyp19a and cyp19b).

Isogenic human iPSC Parkinson's model shows nitrosative stress-induced dysfunction in MEF2-PGC1 β transcription.

Oral lesions and pulmonary fibrosis after ingesting grapes.

Optimization of recovery patterns in common carp exposed to roundup using response surface methodology: evaluation of neurotoxicity and genotoxicity effects and biochemical parameters.

Effect of a glyphosate-based herbicide in *Cyprinus carpio*: assessment of acetylcholinesterase activity, hematological responses and serum biochemical parameters.

An F1-extended one-generation reproductive toxicity study in Crl:CD(SD) rats with 2,4-dichlorophenoxyacetic acid.

Silymarin- and melatonin-mediated changes in the expression of selected genes in pesticides-induced Parkinsonism.

Dopaminergic neurotoxicity of S-ethyl N,N-dipropylthiocarbamate (EPTC), molinate, and S-methyl-N,N-diethylthiocarbamate (MeDETC) in *Caenorhabditis elegans*.

Benzothiazole aniline tetra(ethylene glycol) and 3-amino-1,2,4-triazole inhibit neuroprotection against amyloid peptides by catalase overexpression in vitro.

Characterization of cholinesterases in *Chironomus riparius* and the effects of three herbicides on chlorpyrifos toxicity.

How Parkinsonian toxins dysregulate the autophagy machinery.

Glufosinate herbicide intoxication causing unconsciousness, convulsion, and 6th cranial nerve palsy.

Atrazine is primarily responsible for the toxicity of long-term exposure to a combination of atrazine and inorganic arsenic in the nigrostriatal system of the albino rat.

Factors associated with severe effects following acute glufosinate poisoning.

Impairment of Atg5-dependent autophagic flux promotes paraquat- and MPPA β -induced apoptosis but not rotenone or 6-hydroxydopamine toxicity.

Mechanisms of permanent loss of olfactory receptor neurons induced by the herbicide 2,6-dichlorobenzonitrile: effects on stem cells and noninvolvement of acute induction of the inflammatory cytokine IL-6.

Thyroid endocrine system disruption by pentachlorophenol: an in vitro and in vivo assay.

Pesticide exposure and depression among agricultural workers in France.

Proteomic analysis of rat cerebral cortex following subchronic acrolein toxicity.

Phytotoxicity of four photosystem II herbicides to tropical seagrasses.

Disease associated with exposure to certain herbicide agents: peripheral neuropathy.

Agent Orange exposure and prevalence of self-reported diseases in Korean Vietnam veterans.

Curcumin protects neuronal-like cells against acrolein by restoring Akt and redox signaling pathways.

Cholinesterase activities and behavioral changes in *Hypsiboas pulchellus* (Anura: Hylidae) tadpoles exposed to glufosinate ammonium herbicide.

Transient effects of 2,4-dichlorophenoxyacetic acid (2,4-D) exposure on some metabolic and free radical processes in goldfish white muscle.

Short-term atrazine exposure causes behavioral deficits and disrupts monoaminergic systems in male C57BL/6 mice.

Paraquat-induced convulsion and death: a report of five cases.

Epidemiology. Paths from pesticides to Parkinson's.

Glutathione deficiency in Gclm null mice results in complex I inhibition and dopamine depletion following paraquat administration.

Paraquat-induced ultrastructural changes and DNA damage in the nervous system is mediated via oxidative-stress-induced cytotoxicity in *Drosophila melanogaster*.

Mitochondrial susceptibility in a model of paraquat neurotoxicity.

Reply to Dr. Jeffrey Brent.

High-dose paraquat exposure and Parkinson's disease.

The suppressor of cytokine signaling 2 (SOCS2) modulating the neurotransmitters release in *Eriocheir sinensis*.

Effects of atrazine and chlorpyrifos on the production of nitric oxide and expression of inducible nitric oxide synthase in the brain of common carp (*Cyprinus carpio* L.).

Docosahexaenoic acid (DHA) ameliorates paraquat-induced pulmonary fibrosis in rats possibly through up-regulation of Smad 7 and SnoN.

Hematological and biochemical alterations in the fish *Prochilodus lineatus* caused by the herbicide clomazone.

Pharmacokinetic, neurochemical, stereological and neuropathological studies on the potential effects of paraquat in the substantia nigra pars compacta and striatum of male C57BL/6J mice.

Magnolol protects against oxidative stress-mediated neural cell damage by modulating mitochondrial dysfunction and PI3K/Akt signaling.

MicroRNA-195 targets ADP-ribosylation factor-like protein 2 to induce apoptosis in human embryonic stem cell-derived neural progenitor cells.

PACAP deficiency sensitizes nigrostriatal dopaminergic neurons to paraquat-induced damage and modulates central and peripheral inflammatory activation in mice.

Spinal transient receptor potential ankyrin 1 channel induces mechanical hypersensitivity, increases cutaneous blood flow, and mediates the pronociceptive action of dynorphin A.

Mucuna pruriens seed extract reduces oxidative stress in nigrostriatal tissue and improves neurobehavioral activity in paraquat-induced Parkinsonian mouse model.

Specific pesticide-dependent increases in α -synuclein levels in human neuroblastoma (SH-SY5Y) and melanoma (SK-MEL-2) cell lines.

Oxidative stress in carp exposed to quinclorac herbicide under rice field condition.

Exposure to pesticides or solvents and risk of Parkinson disease.

Performance of a cyanobacteria whole cell-based fluorescence biosensor for heavy metal and pesticide detection.

Linking pesticide exposure and dementia: what is the evidence?

The role of pesticide exposure in the genesis of Parkinson's disease: epidemiological studies and experimental data.

Toxic effects of pesticide mixtures at a molecular level: their relevance to human health.

[Effect of glyphosate on the energy exchange in carp organs].

Acute exposure of *Drosophila melanogaster* to paraquat causes oxidative stress and mitochondrial dysfunction.

How did a reduced incidence of Parkinson's disease become an increase?

Reply to drs. John andrew tomenson and clive campbell.

Neuroprotective role of *Withania somnifera* root extract in maneb-paraquat induced mouse model of parkinsonism.

Effects of glyphosate on cholinesterase activity of the mussel *Perna perna* and the fish *Danio rerio* and *Jenynsia multidentata*: in vitro studies.

Paraquat poisoning in pediatric patients.

Neuroprotective mechanisms of the standardized extract of *Bacopa monniera* in a paraquat/diquat-mediated acute toxicity.

Transcriptome alterations following developmental atrazine exposure in zebrafish are associated with disruption of neuroendocrine and reproductive system function, cell cycle, and carcinogenesis.

Acrolein induces Alzheimer's disease-like pathologies in vitro and in vivo.

[One letter makes a difference].

[Neurotoxicity of pesticides: its relationship with neurodegenerative diseases].

Mutagenic/recombinogenic effects of four lipid peroxidation products in *Drosophila*.

The SFPT feels compelled to point out weaknesses in the paper by SÃ©ralini et al. (2012).

Protective effects of caffeic acid and caffeic acid phenethyl ester against acrolein-induced neurotoxicity in HT22 mouse hippocampal cells.

Severe adverse effects related to dermal exposure to a glyphosate-surfactant herbicide.

Functional GPR37 trafficking protects against toxicity induced by 6-OHDA, MPP+ or rotenone in a catecholaminergic cell line.

Drosophila Trap1 protects against mitochondrial dysfunction in a PINK1/parkin model of Parkinson's disease.

Differentiation state-dependent effects of in vitro exposure to atrazine or its metabolite diaminochlorotriazine in a dopaminergic cell line.

Developmental abnormalities in chicken embryos exposed to N-nitrosoatrazine.

Renal replacement therapy in acute poisonings--one center experience.

Continuous real-time in vivo measurement of cerebral nitric oxide supports theoretical predictions of an irreversible switching in cerebral ROS after sufficient exposure to external toxins.

Vitamin E ameliorates the decremental effect of paraquat on cardiomyocyte contractility in rats.

Daily subacute paraquat exposure decreases muscle function and substantia nigra dopamine level.

Repeated exposure to the herbicide atrazine alters locomotor activity and the nigrostriatal dopaminergic system of the albino rat.

Impact of four turf management regimes on arthropod abundance in lawns.

Effects of atrazine and chlorpyrifos on the mRNA levels of HSP70 and HSC70 in the liver, brain, kidney and gill of common carp (*Cyprinus carpio* L.).

Paraquat research: do recent advances in limiting its toxicity make its use safer?

The antidote effect of quinone oxidoreductase 2 inhibitor against paraquat-induced toxicity in vitro and in vivo.

Oxidative stress in ventral prostate, ovary, and breast by 2,4-dichlorophenoxyacetic acid in pre- and postnatal exposed rats.

Acrolein stimulates the synthesis of IL-6 and C-reactive protein (CRP) in thrombosis model mice and cultured cells.

Antinociceptive effects of ethanolic extract from the flowers of *Acmella oleracea* (L.) R.K. Jansen in mice.

New insights in the pathogenesis of multiple sclerosis--role of acrolein in neuronal and myelin damage.

Participation of catalase in voluntary ethanol consumption in perinatally low-level lead-exposed rats.

Role of aldose reductase in the metabolism and detoxification of carnosine-acrolein conjugates.

Bronchoconstriction induced by increasing airway temperature in ovalbumin-sensitized rats: role of tachykinins.

Extracts from black carrot tissue culture as potent anticancer agents.

Determination of urine 3-HPMA, a stable acrolein metabolite in a rat model of spinal cord injury.

Minocycline, levodopa and MnTMPyP induced changes in the mitochondrial proteome profile of MPTP and maneb and paraquat mice models of Parkinson's disease.

Plant derived aporphinic alkaloid S-(+)-dicentrine induces antinociceptive effect in both acute and chronic inflammatory pain models: evidence for a role of TRPA1 channels.

Mitochondria-targeted antioxidant peptide SS31 protects the retinas of diabetic rats.

Synthesis and biological evaluation of novel styryl benzimidazole derivatives as probes for imaging of neurofibrillary tangles in Alzheimer's disease.

Activation of cannabinoid receptor 2 inhibits experimental cystitis.

Thermal grill-evoked sensations of heat correlate with cold pain threshold and are enhanced by menthol and cinnamaldehyde.

Central nervous system damage due to acute paraquat poisoning: an experimental study with rat model.

Secondary and tertiary sulfonamides: a patent review (2008 - 2012).

Low doses of paraquat and polyphenols prolong life span and locomotor activity in knock-down parkin *Drosophila melanogaster* exposed to oxidative stress stimuli: implication in autosomal recessive juvenile parkinsonism.

The ultra-early protective effect of ulinastatin on rabbit acute lung injury induced by paraquat.

Interaction of cinnamaldehyde and epicatechin with tau: implications of beneficial effects in modulating Alzheimer's disease pathogenesis.

Paraquat inhibits cell viability via enhanced oxidative stress and apoptosis in human neural progenitor cells.

Modification and inactivation of Cu,Zn-superoxide dismutase by the lipid peroxidation product, acrolein.

Atrazine-induced elevation or attenuation of the LH surge in the ovariectomized, estrogen-primed female rat: role of adrenal progesterone.

Functional expression of TRPV1 and TRPA1 in rat vestibular ganglia.

[Distribution of arsenic species and its DNA damage in subchronic arsenite-exposed mice].

Opposite motor responses elicited by ethanol in the posterior VTA: the role of acetaldehyde and the non-metabolized fraction of ethanol.

PKC δ mediates paraquat-induced Nox1 expression in dopaminergic neurons.

[Paraquat involves differentiation of human neural stem cells via Notch signaling].

Chronic oxidative stress modulates TRPC3 and TRPM2 channel expression and function in rat primary cortical neurons: relevance to the pathophysiology of bipolar disorder.

Effects of the administration of a catalase inhibitor into the fourth cerebral ventricle on cardiovascular responses in spontaneously hypertensive rats exposed to sidestream cigarette smoke.

Polysulfides are possible H₂S-derived signaling molecules in rat brain.

GLB-13 is associated with oxidative stress resistance in *Caenorhabditis elegans*.

Inhibition by TRPA1 agonists of compound action potentials in the frog sciatic nerve.

Synthesis and biological evaluation of novel neuroprotective agents for paraquat-induced apoptosis in human neuronal SH-SY5Y cells.

Prediction of extraction efficiency in supported liquid membrane with a stagnant acceptor phase by means of artificial neural network.

Agricultural management systems affect the green lacewing community (Neuroptera: Chrysopidae) in olive orchards in southern Spain.

Atrazine inhibits pulsatile gonadotropin-releasing hormone (GnRH) release without altering GnRH messenger RNA or protein levels in the female rat.

Neuroprotective effect of trans-cinnamaldehyde on the 6-hydroxydopamine-induced dopaminergic injury.

Effect of chronic exposure to prometryne on oxidative stress and antioxidant response in common carp (*Cyprinus carpio* L.).

Fluorescent transgenic zebrafish Tg(nkx2.2a:mEGFP) provides a highly sensitive monitoring tool for neurotoxins.

The relationships between pesticide metabolites and neurobehavioral test performance in the third National Health and Nutrition Examination Survey.

Letter to the editor regarding "Quantification of paraquat, MPTP, and MPP+ in brain tissue using microwave-assisted solvent extraction (MASE) and high-performance liquid chromatography-mass spectrometry".

Singlet oxygen mediated DNA damage induced phototoxicity by ketoprofen resulting in mitochondrial depolarization and lysosomal destabilization.

The neurological effects of methyl bromide intoxication.

Effects of maternal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on parvalbumin- and calbindin-immunoreactive neurons in the limbic system and superior colliculus in rat offspring.

Novel whole-tissue quantitative assay of nitric oxide levels in *Drosophila* neuroinflammatory response.

Abnormalities in eelpout *Zoarces viviparus* upon chemical exposure.

Thiamin diphosphate-dependent enzymes: from enzymology to metabolic regulation, drug design and disease models.

Methyl iodide rhombencephalopathy: clinico-radiological features of a preventable, potentially fatal industrial accident.

Evaluation of a human neurite growth assay as specific screen for developmental neurotoxicants.

Role of mitogen-activated protein kinase cascades in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced apoptosis in neuronal pheochromocytoma cells.

A genetic basis for the variable effect of smoking/nicotine on Parkinson's disease.

Novel, broad-spectrum anticonvulsants containing a sulfamide group: pharmacological properties of (S)-N-[(6-chloro-2,3-dihydrobenzo[1,4]dioxin-2-yl)methyl]sulfamide (JNJ-26489112).

New insights to the role of aryl hydrocarbon receptor in bone phenotype and in dioxin-induced modulation of bone microarchitecture and material properties.

Differential influences of the aryl hydrocarbon receptor on Th17 mediated responses in vitro and in vivo.

Spatiotemporal alterations in Sprouty-2 expression and tyrosine phosphorylation in nitrofen-induced pulmonary hypoplasia.

Letter commentary on Tai et al: dioxin exposure in breast milk and infant neurodevelopment in Vietnam.

The novel antiepileptic drug imepitoin compares favourably to other GABA-mimetic drugs in a seizure threshold model in mice and dogs.

Kidney hypoxia, attributable to increased oxygen consumption, induces nephropathy independently of hyperglycemia and oxidative stress.

Expression of Sproutys and SPREDs is decreased during lung branching morphogenesis in nitrofen-induced pulmonary hypoplasia.

New insights into the aryl hydrocarbon receptor as a modulator of host responses to infection.

Ten years of progress in the Hokkaido birth cohort study on environment and children's health: cohort profile--updated 2013.

Maintaining energy homeostasis is an essential component of Wld(S)-mediated axon protection.

Ets1 and heat shock factor 1 regulate transcription of the Transformer 2¹² gene in human colon cancer cells.

Chitosan oligosaccharides attenuates oxidative-stress related retinal degeneration in rats.

Death receptor 6 (DR6) antagonist antibody is neuroprotective in the mouse SOD1G93A model of amyotrophic lateral sclerosis.

Pesticides that inhibit the ubiquitin-proteasome system: effect measure modification by genetic variation in SKP1 in Parkinson's disease.

Control of konzo by detoxification of cassava flour in three villages in the Democratic Republic of Congo.

TRPM8 is the principal mediator of menthol-induced analgesia of acute and inflammatory pain.

MicroRNA-132 suppresses autoimmune encephalomyelitis by inducing cholinergic anti-inflammation: a new Ahr-based exploration.

Expression of zinc-deficient human superoxide dismutase in Drosophila neurons produces a locomotor defect linked to mitochondrial dysfunction.

[Role of iron in the treatment of attention deficit-hyperactivity disorder].

Impairment of autophagy: from hereditary disorder to drug intoxication.

Geospatial association of endemicity of ataxic polyneuropathy and highly cyanogenic cassava cultivars.

Neuroprotective effects of nicotinamide N-methyltransferase and its metabolite 1-methylnicotinamide.

Prenatal exposure to environmental contaminants and behavioural problems at age 7-8years.

Synthesis and evaluation of 1-[2-(4-[(11)C]methoxyphenyl)phenyl]piperazine for imaging of the serotonin 5-HT₇ receptor in the rat brain.

Early dioxin exposure causes toxic effects in adult zebrafish.

Iron supplementation in premature infants using the zinc protoporphyrin to heme ratio: short- and long-term outcomes.

Dioxin exposure in breast milk and infant neurodevelopment in Vietnam.

Arsenic induced toxicity and histopathological changes in gill and liver tissue of freshwater fish, tilapia (*Oreochromis mossambicus*).

CYP19 expression is induced by 2,3,7,8-tetrachloro-dibenzo-para-dioxin in human glioma cells.

Effect of huanglianjiedu tang on fever in rats induced by 2, 4-dinitrophenol.

Proteomic analysis of primary cultured rat cortical neurons in chemical ischemia.

Individuals' half-lives for 2,3,4,7,8-penta-chlorodibenzofuran (PeCDF) in blood: correlation with clinical manifestations and laboratory results in subjects with Yusho.

Oxidative stress is not involved in motion sickness in mice.

Role of the Toll Like receptor (TLR) radical cycle in chronic inflammation: possible treatments targeting the TLR4 pathway.

Temperature increase exacerbates apoptotic neuronal death in chemically-induced ischemia.

Indoxyl 3-sulfate stimulates Th17 differentiation enhancing phosphorylation of c-Src and STAT3 to worsen experimental autoimmune encephalomyelitis.

Parkinson's disease and pesticide exposure--a new assessment.

A prospective study of arsenic exposure, arsenic methylation capacity, and risk of cardiovascular disease in Bangladesh.

Evaluation of the association between persistent organic pollutants (POPs) and diabetes in epidemiological studies: a national toxicology program workshop review.

Monoisoamyl 2,3-dimercaptosuccinic acid attenuates arsenic induced toxicity: behavioral and neurochemical approach.

2,3,7,8-TCDD induces neurotoxicity and neuronal apoptosis in the rat brain cortex and PC12 cell line through the down-regulation of the Wnt/ β -catenin signaling pathway.

Antioxidant and micronutrient-rich milk formula reduces lead poisoning and related oxidative damage in lead-exposed mice.

Skeletal muscle ryanodine receptor mutations associated with malignant hyperthermia showed enhanced intensity and sensitivity to triggering drugs when expressed in human embryonic kidney cells.

Lipophilic adamantyl- or deferasirox-based conjugates of desferrioxamine B have enhanced neuroprotective capacity: implications for Parkinson disease.

Use of near-infrared spectroscopy to identify trends in regional cerebral oxygen saturation in horses.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced inflammatory activation is mediated by intracellular free calcium in microglial cells.

Reduction in impulse noise-induced permanent threshold shift with intracochlear application of an NADPH oxidase inhibitor.

The roles of aryl hydrocarbon receptor in immune responses.

Monitoring of deiodinase deficiency based on transcriptomic responses in SH-SY5Y cells.

Seizure control by ketogenic diet-associated medium chain fatty acids.

Epigenetics and pesticides.

[Effects of Shenwu capsule on learning-memory ability and cholinergic function of brain in AD-like rat model induced by chronic infusion of sodium azide by minipump].

[Effects of icariin on beta-amyloid and neurotrophic factors in brain of mitochondrial deficiency model rats].

Severe anemia in 3 toddlers with gastric lactobezoar.

Nerve growth factor exhibits an antioxidant and an autocrine activity in mouse liver that is modulated by buthionine sulfoximine, arsenic, and acetaminophen.

Deletion or activation of the aryl hydrocarbon receptor alters adult hippocampal neurogenesis and contextual fear memory.

Teratogenic effects of 4-nonylphenol on early embryonic and larval development of the catfish *Heteropneustes fossilis*.

Association between exposure to dioxin-like polychlorinated biphenyls and miR-191 expression in human peripheral blood mononuclear cells.

The aryl hydrocarbon receptor: a novel target for immunomodulation in organ transplantation.

Ethylenedioxy-PIP2 oxalate reduces ganglioside storage in juvenile Sandhoff disease mice.

Health risk assessment of occupational exposure to hazardous volatile organic compounds in swine gestation, farrowing and nursery barns.

Cases from NACCT acute and intensive care symposium: altered mental status, seizures, and rash in a fumigation company employee.

Arsenic induced neuronal apoptosis in guinea pigs is Ca²⁺ dependent and abrogated by chelation therapy: role of voltage gated calcium channels.

Functional regulation of P-glycoprotein at the blood-brain barrier in proton-coupled folate transporter (PCFT) mutant mice.

Urinary p-cresol in autism spectrum disorder.

Nuclear import and export signals control the subcellular localization of Nurr1 protein in response to oxidative stress.

Peripheral neuropathy due to dinitrophenol used for weight loss: something old, something new.

Parkinson's disease-associated human P5B-ATPase ATP13A2 increases spermidine uptake.

[Reduction in alcohol consumption: therapeutic goal in alcohol dependence treatment].

Pesticides, microglial NOX2, and Parkinson's disease.

Chloroacetic acid induced neuronal cells death through oxidative stress-mediated p38-MAPK activation pathway regulated mitochondria-dependent apoptotic signals.

Trichosanthes dioica fruit extract ameliorates arsenic-induced brain toxicity in male albino rats.

The role of aryl hydrocarbon receptor-regulated cytochrome P450 enzymes in glioma.

Increased kidney metabolism as a pathway to kidney tissue hypoxia and damage: effects of triiodothyronine and dinitrophenol in normoglycemic rats.

Successful treatment of severe iron intoxication with gastrointestinal decontamination, deferoxamine, and hemodialysis.

Prenatal exposure to a polychlorinated biphenyl (PCB) congener influences fixation duration on biological motion at 4-months-old: a preliminary study.

Accidental occupational exposure to phytosanitary products: experience of the Poison Control Center in Marseille from 2008 to 2010.

Effects of combined ferrous sulphate administration and exposure to static magnetic field on spatial learning and motor abilities in rats.

A genetically encoded FRET lactate sensor and its use to detect the Warburg effect in single cancer cells.

Oculomotor deficits in aryl hydrocarbon receptor null mouse.

Human neuromelanin: an endogenous microglial activator for dopaminergic neuron death.

Iron autointoxication in a 16-year-old girl: a protective role for hepcidin?

Amniotic fluid stem cells rescue both in vitro and in vivo growth, innervation, and motility in nitrofen-exposed hypoplastic rat lungs through paracrine effects.

Inhibition of neurite outgrowth and alteration of cytoskeletal gene expression by sodium arsenite.

Comparison of destructive periodontal disease in blue iris mink to PCB 126-induced mandibular and maxillary squamous epithelial proliferation in natural dark mink.

Lipid peroxidation triggers neurodegeneration: a redox proteomics view into the Alzheimer disease brain.

Mitochondria-targeted antioxidants and metabolic modulators as pharmacological interventions to slow ageing.

Akt/Nrf2 activated upregulation of heme oxygenase-1 involves in the role of Rg1 against ferrous iron-induced neurotoxicity in SK-N-SH cells.

Biotransformation of BDE-47 to potentially toxic metabolites is predominantly mediated by human CYP2B6.

Induction of apoptotic death and retardation of neuronal differentiation of human neural stem cells by sodium arsenite treatment.

Relative potency of PCB126 to TCDD for sublethal embryotoxicity in the mummichog (*Fundulus heteroclitus*).

Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the peripheral nervous system of developing red seabream (*Pagrus major*).

Monolithic columns in plant proteomics and metabolomics.

Oxysterols modulate calcium signalling in the A7r5 aortic smooth muscle cell-line.

Role of pigment epithelium-derived factor (PEDF) in arsenic-induced cell apoptosis of liver and brain in a rat model.

Predicting fish acute toxicity using a fish gill cell line-based toxicity assay.

Chromatographic behaviour predicts the ability of potential nootropics to permeate the blood-brain barrier.

Imaging imidazoline-I2 binding sites in porcine brain using ¹¹C-BU99008.

Aldo-keto reductases mediate constitutive and inducible protection against aldehyde toxicity in human neuroblastoma SH-SY5Y cells.

Functional recovery of odor representations in regenerated sensory inputs to the olfactory bulb.

Toxicity of polyamines and their metabolic products.

Mast cell-based electrochemical biosensor for quantification of the major shrimp allergen Pen a 1 (tropomyosin).

[Classical oxazaphosphorines--metabolism and therapeutic properties--new implications].

Regulation of gene expression in *Neurospora crassa* with a copper responsive promoter.

Differential responsiveness of cortical microtubule orientation to suppression of cell expansion among the developmental zones of *Arabidopsis thaliana* root apex.

Dmp53, basket and drICE gene knockdown and polyphenol gallic acid increase life span and locomotor activity in a *Drosophila* Parkinson's disease model.

Paraquat poisoning by skin absorption: Two case reports and a literature review.

Neuroprotective effect of *Decalepis hamiltonii* in paraquat-induced neurotoxicity in *Drosophila melanogaster*: biochemical and behavioral evidences.

Neuroglobin involvement in the course of arsenic toxicity in rat cerebellar granule neurons.

Dose-dependent folic acid and memantine treatments promote synergistic or additive protection against A β (25-35) peptide-induced apoptosis in SH-SY5Y cells mediated by mitochondria stress-associated death signals.

Rodent models of Parkinson's disease: beyond the motor symptomatology.

Characterization of bladder sensory neurons in the context of myelination, receptors for pain modulators, and acute responses to bladder inflammation.

The history of pyridinium oximes as nerve gas antidotes: the British contribution.

2,4-Dinitrophenol induces neural differentiation of murine embryonic stem cells.

Disruption of aryl hydrocarbon receptor homeostatic levels during embryonic stem cell differentiation alters expression of homeobox transcription factors that control cardiomyogenesis.

Military risk factors for cognitive decline, dementia and Alzheimer's disease.

What do veterans service organizations' web sites say about tobacco control?

Impact assessment of agricultural inputs into a Mediterranean coastal lagoon (Mar Menor, SE Spain) on transplanted clams (*Ruditapes decussatus*) by biochemical and physiological responses.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces microglial nitric oxide production and subsequent rat primary cortical neuron apoptosis through p38/JNK MAPK pathway.

Intestinal transport of 3,6'-disinapoylsucrose, a major active component of *Polygala tenuifolia*, using Caco-2 cell monolayer and in situ rat intestinal perfusion models.

Pyruvate remediation of cell stress and genotoxicity induced by haloacetic acid drinking water disinfection by-products.

Role of HO-1 in the arsenite-induced neurotoxicity in primary cultured cortical neurons.

Do biopesticides affect the demographic traits of a parasitoid wasp and its biocontrol services through sublethal effects?

In vitro neuroendocrine effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the AhR-expressing hypothalamic rat GnV-3 cell line.

Waterborne exposure of zebrafish embryos to micromole concentrations of ioxynil and diethylstilbestrol disrupts thyrocyte development.

Maternal and early life arsenite exposure impairs neurodevelopment and increases the expression of PSA-NCAM in hippocampus of rat offspring.

A new in vivo model of pantothenate kinase-associated neurodegeneration reveals a surprising role for transcriptional regulation in pathogenesis.

Sexually dimorphic behavior after developmental exposure to characterize endocrine-mediated effects of different non-dioxin-like PCBs in rats.

Assessing effects of environmental chemicals on neuroendocrine systems: potential mechanisms and functional outcomes.

Effects of endocrine disrupting chemicals on in vitro global DNA methylation and adipocyte differentiation.

Effect of nicotine pretreatment on arsenic-induced oxidative stress in male Wistar rats.

Perinatal exposure to purity-controlled polychlorinated biphenyl 52, 138, or 180 alters toxicogenomic profiles in peripheral blood of rats after 4 months.

Spectrum of corrosive esophageal injury after intentional paraquat or glyphosate-surfactant herbicide ingestion.

Expression and activity of the Na⁺-K⁺ ATPase in ischemic injury of primary cultured astrocytes.

Radiosynthesis and evaluation of new α -1-adrenoceptor antagonists as PET radioligands for brain imaging.

Effective induction of cells expressing GABAergic neuronal markers from mouse embryonic stem cell.

Transplantation of induced pluripotent stem cells without C-Myc attenuates retinal ischemia and reperfusion injury in rats.

Retinoid X receptor activation is essential for docosahexaenoic acid protection of retina photoreceptors.

NMDA receptors in the lateral hypothalamus have an inhibitory influence on the tachycardiac response to acute restraint stress in rats.

Compartmentalized oxidative stress in dopaminergic cell death induced by pesticides and complex I inhibitors: distinct roles of superoxide anion and superoxide dismutases.

Biomarkers of toluene exposure in rats: mercapturic acids versus traditional indicators (urinary hippuric acid and o-cresol and blood toluene).

Transjecting growth hormone: continuous nightmare or controlled nuisance? Evaluation of a new needle-free device.

Skeletal muscle-specific T-tubule protein STAC3 mediates voltage-induced Ca²⁺ release and contractility.

MRI brain in monohalomethane toxic encephalopathy: A case report.

Effects of sodium arsenite on neurite outgrowth and glutamate AMPA receptor expression in mouse cortical neurons.

Modeling the dioxin emission of a municipal solid waste incinerator using neural networks.

Persistent toxic burdens of halogenated phenolic compounds in humans and wildlife.

The role of p38 in mitochondrial respiration in male and female mice.

Artificial neural network modeling of p-cresol photodegradation.

Anti-neurotrophic effects from autoantibodies in adult diabetes having primary open angle glaucoma or dementia.

The protective effects of the proteasome inhibitor bortezomib (velcade) on ischemia-reperfusion injury in the rat retina.

The atrazine metabolite diaminochlorotriazine suppresses LH release from murine L^HT2 cells by suppressing GnRH-induced intracellular calcium transients.

AhR-mediated effects of dioxin on neuronal acetylcholinesterase expression in vitro.

Loss of Neil3, the major DNA glycosylase activity for removal of hydantoins in single stranded DNA, reduces cellular proliferation and sensitizes cells to genotoxic stress.

The mitochondrial unfolded protein response activator ATFS-1 protects cells from inhibition of the mevalonate pathway.

Early membrane events induced by salicylic acid in motor cells of the *Mimosa pudica* pulvinus.

Synthesis and bioevaluation of [(18)F]4-fluoro-m-hydroxyphenethylguanidine ([[(18)F]4F-MHPG): a novel radiotracer for quantitative PET studies of cardiac sympathetic innervation.

Advances in thin tissue Golgi-Cox impregnation: fast, reliable methods for multi-assay analyses in rodent and non-human primate brain.

Cortical microtubule arrays are initiated from a nonrandom prepattern driven by atypical microtubule initiation.

Global expression profiling of globose basal cells and neurogenic progression within the olfactory epithelium.

Comparison of routine prenatal iron prophylaxis and screening and treatment for anaemia: pregnancy results and preliminary birth results from a pragmatic randomised controlled trial (PROFEG) in Maputo, Mozambique.

TGF β ² signaling induces expression of Gadd45b in retinal ganglion cells.

Sodium arsenite exposure inhibits AKT and Stat3 activation, suppresses self-renewal and induces apoptotic death of embryonic stem cells.

Acute toxicity of triazine pesticides to juvenile signal crayfish (*Pacifastacus leniusculus*).

Grappling the high altitude for safe edible bamboo shoots with rich nutritional attributes and escaping cyanogenic toxicity.

Polyamines and their metabolites as diagnostic markers of human diseases.

Glutathione in multiple sclerosis.

Influence of Maternal Exposure to 2,3,7,8-Tetrachlorodibenzo-p-dioxin on Socioemotional Behaviors in Offspring Rats.

A novel murine model to deplete hepatic stellate cells uncovers their role in amplifying liver damage in mice.

The oxidative damage and inflammation caused by pesticides are reverted by lipoic acid in rat brain.

Dysregulated expression of secretogranin III is involved in neurotoxin-induced dopaminergic neuron apoptosis.

In vitro attenuation of acrolein-induced toxicity by phloretin, a phenolic compound from apple.

Comparison of chemical-induced changes in proliferation and apoptosis in human and mouse neuroprogenitor cells.

Ecotoxicological effects of Mikado and Viper on algae and daphnids.

The role of D-GADD45 in oxidative, thermal and genotoxic stress resistance.

Traumatic brain injury, paraquat exposure, and their relationship to Parkinson disease.

[Parkinson's disease due to laboral exposition to paraquat].

Genetic modification of the association of paraquat and Parkinson's disease.

Neuroprotective effects of tert-butylhydroquinone on paraquat-induced dopaminergic cell degeneration in C57BL/6 mice and in PC12 cells.

Atrazine promotes biochemical changes and DNA damage in a Neotropical fish species.

Pesticide application to agricultural fields: effects on the reproduction and avoidance behaviour of *Folsomia candida* and *Eisenia andrei*.

Feasibility of the extended one-generation reproductive toxicity study (OECD 443).

Spermidine promotes stress resistance in *Drosophila melanogaster* through autophagy-dependent and -independent pathways.

Activation of transcription factor MEF2D by bis(3)-cognitin protects dopaminergic neurons and ameliorates Parkinsonian motor defects.

Central nervous system damage due to acute paraquat poisoning: a neuroimaging study with 3.0 T MRI.

Review of 2,4-dichlorophenoxyacetic acid (2,4-D) biomonitoring and epidemiology.

Asymmetric patterns in the cranial skeleton of zebrafish (*Danio rerio*) exposed to sodium pentachlorophenate at different embryonic developmental stages.

Evaluation of multi-well microelectrode arrays for neurotoxicity screening using a chemical training set.

Combined exposure to Maneb and Paraquat alters transcriptional regulation of neurogenesis-related genes in mice models of Parkinson's disease.

Inhibition of aminoacylase 3 protects rat brain cortex neuronal cells from the toxicity of 4-hydroxy-2-nonenal mercapturate and 4-hydroxy-2-nonenal.

Pathological and toxicological findings in glyphosate-surfactant herbicide fatality: a case report.

Resolution of abnormal fractional anisotropy of substantia nigra in organophosphate intoxication. C. Swinnen et al., *Acta Neurologica Belgica* (2011) 111:378.

L-Theanine extends lifespan of adult *Caenorhabditis elegans*.

Protective role of glutathione reductase in paraquat induced neurotoxicity.

5'-Aza-dC sensitizes paraquat toxic effects on PC12 cell.

Comparison of TRPA1-versus TRPV1-mediated cough in guinea pigs.

Integration of epidemiology and animal neurotoxicity data for risk assessment.

Development of immobilized biophotonic beads consisting of *Photobacterium leiognathi* for the detection of heavy metals and pesticide.

Peripheral nerve and skin damage associated with working in a STCP factory: report of four cases.

The effects of diphenyl diselenide on oxidative stress biomarkers in *Cyprinus carpio* exposed to herbicide quinclorac (Facet[®]).

Sensory irritation response in rats II: recovery and dose-dependence.

Histopathological changes and antioxidant response in brain and kidney of common carp exposed to atrazine and chlorpyrifos.

Interferon- γ plays a role in paraquat-induced neurodegeneration involving oxidative and proinflammatory pathways.

Early formation of GABAergic synapses governs the development of adult-born neurons in the olfactory bulb.

Responses of growth performance and tryptophan metabolism to oxidative stress induced by diquat in weaned pigs.

Acute human glufosinate-containing herbicide poisoning.

Further study is needed to assess ototoxicity from organophosphates and paraquat.

Viral-toxin interactions and Parkinson's disease: poly I:C priming enhanced the neurodegenerative effects of paraquat.

Glyphosate induced cell death through apoptotic and autophagic mechanisms.

Atrazine does not induce pica behavior at doses that increase hypothalamic-pituitary-adrenal axis activation and cause conditioned taste avoidance.

Sublethal effects of atrazine on embryo-larval development of *Rhinella arenarum* (Anura: Bufonidae).

Investigate the chronic neurotoxic effects of diquat.

Overexpression of TFAM, NRF-1 and myr-AKT protects the MPP(+)-induced mitochondrial dysfunctions in neuronal cells.

Resveratrol potentiates cytochrome P450 2 d22-mediated neuroprotection in maneb- and paraquat-induced parkinsonism in the mouse.

A mixture of an environmentally realistic concentration of a phthalate and herbicide reduces testosterone in male fathead minnow (*Pimephales promelas*) through a novel mechanism of action.

Animal models of Parkinson's disease.

Role of secondary mediators in caffeine-mediated neuroprotection in maneb- and paraquat-induced Parkinson's disease phenotype in the mouse.

Glyphosate impairs male offspring reproductive development by disrupting gonadotropin expression.

Exposure to glyphosate- and/or Mn/Zn-ethylene-bis-dithiocarbamate-containing pesticides leads to degeneration of γ -aminobutyric acid and dopamine neurons in *Caenorhabditis elegans*.

Minocycline prevents paraquat-induced cell death through attenuating endoplasmic reticulum stress and mitochondrial dysfunction.

Astrocyte mediated protection of fetal cerebral cortical neurons from rotenone and paraquat.

Effect of chronic exposure to simazine on oxidative stress and antioxidant response in common carp (*Cyprinus carpio* L.).

Effects of manganese and arsenic species on the level of energy related nucleotides in human cells.

Effects of atrazine and chlorpyrifos on activity and transcription of glutathione S-transferase in common carp (*Cyprinus carpio* L.).

Paraquat and Parkinson's disease: an overview of the epidemiology and a review of two recent studies.

Glutathione s-transferase omega 1 activity is sufficient to suppress neurodegeneration in a *Drosophila* model of Parkinson disease.

Involvement of NADPH oxidase and glutathione in zinc-induced dopaminergic neurodegeneration in rats: similarity with paraquat neurotoxicity.

Augmented glutathione synthesis decreases acrolein toxicity.

Acute oral poisoning due to chloracetanilide herbicides.

CHO cells expressing the human P₅,...-ATPase ATP13A2 are more sensitive to the toxic effects of herbicide paraquat.

Reactive oxygen species are not involved in the onset of age-related memory impairment in *Drosophila*.

Cognitive impairment and increased A β levels induced by paraquat exposure are attenuated by enhanced removal of mitochondrial H₂O₂.

Intrastriatal pre-treatment with L-NAME protects rats from diquat neurotoxicity.

Inhibition of TDP-43 accumulation by bis(thiosemicarbazonato)-copper complexes.

Isolation, structural elucidation, and neuroprotective effects of iridoids from *Valeriana jatamansi*.

Effects of butachlor on estrogen receptor, vitellogenin and P450 aromatase gene expression in the early life stage of zebrafish.

Concordant signaling pathways produced by pesticide exposure in mice correspond to pathways identified in human Parkinson's disease.

Genome-wide association analysis of oxidative stress resistance in *Drosophila melanogaster*.

The aqueous solubility of some herbicidal by-side toxic impurities: predicted data of the 399 chlorinated trans-azoxybenzene congeners.

Endoplasmic reticulum stress impairs insulin signaling through mitochondrial damage in SH-SY5Y cells.

Effect of chronic pesticide exposure in farm workers of a Mexico community.

Paraquat, but not maneb, induces synucleinopathy and tauopathy in striata of mice through inhibition of proteasomal and autophagic pathways.

Genetic dissection of strain dependent paraquat-induced neurodegeneration in the substantia nigra pars compacta.

Reduction of mitoferrin results in abnormal development and extended lifespan in *Caenorhabditis elegans*.

4-iodophenyl isothiocyanate: a neuroprotective compound.

Prevention of paraquat-induced apoptosis in human neuronal SH-SY5Y cells by lipocalin-type prostaglandin D synthase.

Glyphosate as an acetylcholinesterase inhibitor in *Cnesterodon decemmaculatus*.

Standardized extracts of *Bacopa monniera* protect against MPP⁺ and paraquat-induced toxicity by modulating mitochondrial activities, proteasomal functions, and redox pathways.

Black rice extract extends the lifespan of fruit flies.

[Effect of subchronic realgar exposure on Glu and Gln in infant rat brain].

Whole genome expression profile in neuroblastoma cells exposed to 1-methyl-4-phenylpyridine.

Transient receptor potential channels mediate the tussive response to prostaglandin E2 and bradykinin.

Δ^9 -tetrahydrocannabinol (Δ^9 -THC) exerts a direct neuroprotective effect in a human cell culture model of Parkinson's disease.

Attenuation of mouse somatic and emotional inflammatory pain by hydralazine through scavenging acrolein and inhibiting neuronal activation.

Synthesis, properties and application research of atrazine Fe₃O₄@SiO₂ magnetic molecularly imprinted polymer.

TRPA1 is functionally expressed in melanoma cells but is not critical for impaired proliferation caused by allyl isothiocyanate or cinnamaldehyde.

Neurotoxin-based models of Parkinson's disease.

Inverse correlation between stroke and urinary 3-hydroxypropyl mercapturic acid, an acrolein-glutathione metabolite.

Hypothesis: Estrogen related thrombosis explains the pathogenesis and epidemiology of gastroschisis.

Redox modification of Akt mediated by the dopaminergic neurotoxin MPTP, in mouse midbrain, leads to down-regulation of pAkt.

Effect of cigarette smoking on cough reflex induced by TRPV1 and TRPA1 stimulations.

Enhanced catabolism to acetaldehyde in rostral ventrolateral medullary neurons accounts for the pressor effect of ethanol in spontaneously hypertensive rats.

Methylglyoxal activates the human transient receptor potential ankyrin 1 channel.

Increased protein-conjugated acrolein and amyloid- β 40/42 ratio in plasma of patients with mild cognitive impairment and Alzheimer's disease.

Effects of exogenous methionine on arsenic burden and NO metabolism in brain of mice exposed to arsenite through drinking water.

Endogenous hydrogen peroxide in the hypothalamic paraventricular nucleus regulates sympathetic nerve activity responses to L-glutamate.

Alterations in bioenergetic function induced by Parkinson's disease mimetic compounds: lack of correlation with superoxide generation.

Inhibitory effects of phosphodiesterase 5 inhibitor, tadalafil, on mechanosensitive bladder afferent nerve activities of the rat, and on acrolein-induced hyperactivity of these nerves.

Two-dimensional high performance liquid chromatography separation and tandem mass spectrometry detection of atrazine and its metabolic and hydrolysis products in urine.

Molecular effects of activated BV-2 microglia by mitochondrial toxin 1-methyl-4-phenylpyridinium.

Disruption of alternative NAD(P)H dehydrogenases leads to decreased mitochondrial ROS in *Neurospora crassa*.

Thioredoxin reductase deficiency potentiates oxidative stress, mitochondrial dysfunction and cell death in dopaminergic cells.

TRPA1 is functionally expressed primarily by IB4-binding, non-peptidergic mouse and rat sensory neurons.

Increased expression of SVCT2 in a new mouse model raises ascorbic acid in tissues and protects against paraquat-induced oxidative damage in lung.

Modeling biodegradation and kinetics of glyphosate by artificial neural network.

Determination of tissue to blood partition coefficients for nonvolatile herbicides, insecticides, and fungicides using negligible depletion solid-phase microextraction (nd-SPME) and ultrafiltration.

Glutaredoxin 1 protects dopaminergic cells by increased protein glutathionylation in experimental Parkinson's disease.

Differentially expressed genes and pathways induced by organophosphates in human neuroblastoma cells.

Environmental toxicants as extrinsic epigenetic factors for parkinsonism: studies employing transgenic *C. elegans* model.

Pesticide exposure in children.

Synergistic effect of conjugated linolenic acid isomers against induced oxidative stress, inflammation and erythrocyte membrane disintegrity in rat model.

Effects of choline on sodium arsenite-induced neural tube defects in chick embryos.

Reproductive hormone profile and pubertal development in 14-year-old boys prenatally exposed to polychlorinated biphenyls.

Animal models used to examine the role of the environment in the development of autoimmune disease: findings from an NIEHS Expert Panel Workshop.

Liberation of copper from amyloid plaques: making a risk factor useful for Alzheimer's disease treatment.

Tryptophan catabolism in cancer: beyond IDO and tryptophan depletion.

Polychlorinated biphenyls in prospectively collected serum and Parkinson's disease risk.

Reduction of Na⁺, K⁺-ATPase activity and expression in cerebral cortex of glutaryl-CoA dehydrogenase deficient mice: a possible mechanism for brain injury in glutaric aciduria type I.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptosis by disruption of intracellular calcium homeostasis in human neuronal cell line SHSY5Y.

The epigenetic effects of a high prenatal folate intake in male mouse fetuses exposed in utero to arsenic.

Enhanced apoptosis in retinal pigment epithelium under inflammatory stimuli and oxidative stress.

NADPH oxidase 1 mediates α -synucleinopathy in Parkinson's disease.

Background exposure to persistent organic pollutants predicts stroke in the elderly.

Engineering of blended nanoparticle platform for delivery of mitochondria-acting therapeutics.

Bath salt intoxication causing acute kidney injury requiring hemodialysis.

[Chronic central nervous system effects of pesticides: state-of-the-art].

Importance of riboflavin kinase in the pathogenesis of stroke.

Changes in the synaptic structure of hippocampal neurons and impairment of spatial memory in a rat model caused by chronic arsenite exposure.

Prenatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin produces alterations in cortical neuron development and a long-term dysfunction of glutamate transmission in rat cerebral cortex.

Exposure to environmental toxins and the risk of sporadic motor neuron disease: an expanded Australian case-control study.

Pesticide exposure and Parkinson's disease: epidemiological evidence of association.

4-Chloropropofol enhances chloride currents in human hyperekplexic and artificial mutated glycine receptors.

Suicidal sodium azide intoxication: An analytical challenge based on a rare case.

Mild uncoupling of respiration and phosphorylation as a mechanism providing nephro- and neuroprotective effects of penetrating cations of the SkQ family.

Mental health in Alberta grain farmers using pesticides over many years.

Effect of iron supplementation on fatigue in nonanemic menstruating women with low ferritin: a randomized controlled trial.

Fetal exposure to propoxur and abnormal child neurodevelopment at 2 years of age.

Curcumin encapsulated in chitosan nanoparticles: a novel strategy for the treatment of arsenic toxicity.

Mitochondrial inhibition in rat retinal cell cultures as a model of metabolic compromise: mechanisms of injury and neuroprotection.

Long-lasting transcriptional refractoriness triggered by a single exposure to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyrimidine.

Preconditioning induces tolerance by suppressing glutamate release in neuron culture ischemia models.

Oxidative stress inhibits axonal transport: implications for neurodegenerative diseases.

New agents promote neuroprotection in Parkinson's disease models.

Tumors and proliferative lesions in adult offspring after maternal exposure to methylarsonous acid during gestation in CD1 mice.

Comparative study of hypocholesterolemic and hypolipidemic effects of conjugated linolenic acid isomers against induced biochemical perturbations and aberration in erythrocyte membrane fluidity.

Adipose tissue and bone marrow-derived stem cells react similarly in an ischaemia-like microenvironment.

The aryl hydrocarbon receptor contributes to the proliferation of human medulloblastoma cells.

Treatment with endotracheal therapeutics after sarin microinstillation inhalation exposure increases blood cholinesterase levels in guinea pigs.

A novel method for the rapid determination of beta-amyloid toxicity on acute hippocampal slices using MTT and LDH assays.

[Plummer-Vinson syndrome: report of a case and review of literature].

A unique library of myogenic cells from facioscapulohumeral muscular dystrophy subjects and unaffected relatives: family, disease and cell function.

Synthesis, in silico metabolic and toxicity prediction of some novel imidazolinones derivatives as potent anticonvulsant agents.

Neuroprotection of kaempferol by autophagy in models of rotenone-mediated acute toxicity: possible implications for Parkinson's disease.

[The pharmacological treatment of obesity: past, present and future].

A fatal case of mothball intoxication presenting with refractory pruritus and ichthyosis.

Is pesticide use related to Parkinson disease? Some clues to heterogeneity in study results.

Sarcoplasmic reticulum Ca²⁺ permeation explored from the lumen side in mdx muscle fibers under voltage control.

Effects of prenatal exposure to sodium arsenite on motor and food-motivated behaviors from birth to adulthood in C57BL6/J mice.

Thrombocytosis and venous thromboembolism in cancer patients with chemotherapy induced anemia may be related to ESA induced iron restricted erythropoiesis and reversed by administration of IV iron.

Uncoupling oxidative phosphorylation with 2,4-dinitrophenol promotes development of the adhesion phenotype.

Defective pulmonary innervation and autonomic imbalance in congenital diaphragmatic hernia.

The vimentin-tubulin binding site peptide (Vim-TBS.58-81) crosses the plasma membrane and enters the nuclei of human glioma cells.

Melatonin as a neuroprotective agent in the rodent models of Parkinson's disease: is it all set to irrefutable clinical translation?

COUP-TFII gene expression is upregulated in embryonic pleuroperitoneal folds in the nitrofen-induced congenital diaphragmatic hernia rat model.

Clinical evaluation of iron treatment efficiency among non-anemic but iron-deficient female blood donors: a randomized controlled trial.

Evidence of a suffocation alarm system within the periaqueductal gray matter of the rat.

Executive function deficits and social-behavioral abnormality in mice exposed to a low dose of dioxin in utero and via lactation.

Induction of brain microvascular endothelial cell urokinase expression by *Cryptococcus neoformans* facilitates blood-brain barrier invasion.

Stability of the transthyretin molecule as a key factor in the interaction with a-beta peptide--relevance in Alzheimer's disease.

Quantitative proteomic analyses of cerebrospinal fluid using iTRAQ in a primate model of iron deficiency anemia.

Inhibition of mitochondria- and endoplasmic reticulum stress-mediated autophagy augments temozolomide-induced apoptosis in glioma cells.

Coupled nitric oxide and autonomic receptor functional responses in the normal and inflamed urinary bladder of the rat.

Classic and new animal models of Parkinson's disease.

MiR-206 regulates neural cells proliferation and apoptosis via Otx2.

Animal models of Parkinson's disease.

TCDD disrupts hypural skeletogenesis during medaka embryonic development.

Intranasal administration of neurotoxicants in animals: support for the olfactory vector hypothesis of Parkinson's disease.

Retinoic acid rescues deficient airway innervation and peristalsis of hypoplastic rat lung explants.

Effects of arsenic exposure during the pre- and postnatal development on the puberty of female offspring.

Mechanism for the uncoupling of oxidative phosphorylation by juliprosopine on rat brain mitochondria.

Effects of carnosine on polyamine levels in red blood cells of patients with hypertonic discirculatory encephalopathy.

Molecular mechanism of acrylamide neurotoxicity: lessons learned from organic chemistry.

Permeation and metabolism of cocaine in the nasal mucosa.

4-Hydroxy-2-nonenal, a reactive product of lipid peroxidation, and neurodegenerative diseases: a toxic combination illuminated by redox proteomics studies.

Sustained NMDA receptor activation by spreading depolarizations can initiate excitotoxic injury in metabolically compromised neurons.

ALS-linked SOD1 in glial cells enhances γ -N-Methylamino L-Alanine (BMAA)-induced toxicity in *Drosophila*.

Environmentally persistent free radicals decrease cardiac function and increase pulmonary artery pressure.

An involvement of neurokinin-1 receptor in Fc ϵ R1TM-mediated RBL-2H3 mast cell activation.

Simultaneous analysis of 28 urinary VOC metabolites using ultra high performance liquid chromatography coupled with electrospray ionization tandem mass spectrometry (UPLC-ESI/MSMS).

Anaerobic respiration using a complete oxidative TCA cycle drives multicellular swarming in *Proteus mirabilis*.

Use of magnetic nanoparticles to manipulate the metabolic environment of bacteria for controlled biopolymer synthesis.

Evidence for safety of Ayurvedic herbal, herbo-metallic and Bhasma preparations on neurobehavioral activity and oxidative stress in rats.

Small reactive carbonyl compounds as tissue lipid oxidation products; and the mechanisms of their formation thereby.

The contribution of thioredoxin-2 reductase and glutathione peroxidase to H₂O₂ detoxification of rat brain mitochondria.

Fully automated production of ¹¹C-doxepin for PET imaging histamine H1 receptor.

Predicting adult fish acute lethality with the zebrafish embryo: relevance of test duration, endpoints, compound properties, and exposure concentration analysis.

Neurodevelopmental and behavioral toxicity via lactational exposure to the sum of six indicator non-dioxin-like-polychlorinated biphenyls (∑6 NDL-PCBs) in mice.

Protective Effect of Psidium guajava in Arsenic-induced Oxidative Stress and Cytological Damage in Rats.

Alpha-mangostin induces changes in glutathione levels associated with glutathione peroxidase activity in rat brain synaptosomes.

Environmental-genetic interactions in the pathogenesis of Parkinson's disease.

Analysis of neuroglobin mRNA expression in rat brain due to arsenite-induced oxidative stress.

Antioxidant properties of Î²-seleno amines against lipid peroxidation in rat brain and liver.

Arsenic exposure inhibits myogenesis and neurogenesis in P19 stem cells through repression of the Î²-catenin signaling pathway.

Molecular and functional characterization of riboflavin specific transport system in rat brain capillary endothelial cells.

Retraction: Sustained exposure to the widely used herbicide atrazine: altered function and loss of neurons in brain monoamine systems.

Creatine pretreatment protects cortical axons from energy depletion in vitro.

ABC transporter function and regulation at the blood-spinal cord barrier.

Embryotoxicity assessment of developmental neurotoxicants using a neuronal endpoint in the embryonic stem cell test.

Real-time characterization of cytotoxicity using single-cell impedance monitoring.

Normal sulfation levels regulate spinal cord neural precursor cell proliferation and differentiation.

Chlorination of ortho-position on Polychlorinated Biphenyls Increases Protein Kinase C Activity in Neuronal Cells.

Differentiation in boron distribution in adult male and female rats' normal brain: a BNCT approach.

Elevated 4-hydroxyhexenal in Alzheimer's disease (AD) progression.

Dioxin silences gonadotropin expression in perinatal pups by inducing histone deacetylases: a new insight into the mechanism for the imprinting of sexual immaturity by dioxin.

Meta-analysis of data from human ex vivo placental perfusion studies on genotoxic and immunotoxic agents within the integrated European project NewGeneris.

Buffalo (*Bubalus bubalis*) epiphyseal proteins counteract arsenic-induced oxidative stress in brain, heart, and liver of female rats.

Insight into the neuroproteomics effects of the food-contaminant non-dioxin like polychlorinated biphenyls.

Expression and purification of the p75 neurotrophin receptor transmembrane domain using a ketosteroid isomerase tag.

7-Substituted-pyrrolo[3,2-d]pyrimidine-2,4-dione derivatives as antagonists of the transient receptor potential ankyrin 1 (TRPA1) channel: a promising approach for treating pain and inflammation.

InÂ vivo detection of glutathione disulfide and oxidative stress monitoring using a biosensor.

Effects of vitamin E on reproductive hormones and testis structure in chronic dioxin-treated mice.

Oxidative stress and autophagy: mediators of synapse growth?

Kynurenic acid: a metabolite with multiple actions and multiple targets in brain and periphery.

Development and application of whole-sediment toxicity test using immobilized freshwater microalgae *Pseudokirchneriella subcapitata*.

Property-based design of a glucosylceramide synthase inhibitor that reduces glucosylceramide in the brain.

Arsenic exposure to killifish during embryogenesis alters muscle development.

Disruption of endocrine function in in vitro H295R cell-based and in in vivo assay in zebrafish by 2,4-dichlorophenol.

Facile synthesis of oxo-/thioxopyrimidines and tetrazoles C-C linked to sugars as novel non-toxic antioxidant acetylcholinesterase inhibitors.

Antioxidant Potential of *Fagonia arabica* against the Chemical Ischemia-Induced in PC12 Cells.

Protective Effect of Silymarin against Acrolein-Induced Cardiotoxicity in Mice.

Neuropsychiatric manifestations of methyl iodide.

Restoration of dioxin-induced damage to fetal steroidogenesis and gonadotropin formation by maternal co-treatment with Î±-lipoic acid.

Transient receptor potential ankyrin 1 channel localized to non-neuronal airway cells promotes non-neurogenic inflammation.

The Protective Effect of Minocycline in a Paraquat-Induced Parkinson's Disease Model in *Drosophila* is Modified in Altered Genetic Backgrounds.

Action of lipopolysaccharide on interstitial cells of cajal from mouse small intestine.

Impact of perinatal dioxin exposure on infant growth: a cross-sectional and longitudinal studies in dioxin-contaminated areas in Vietnam.

4-Hydroxyhexenal (HHE) impairs glutamate transport in astrocyte cultures.

Lipid peroxidation in brain tissue following administration of low and high doses of arsenite and L-ascorbate in wistar strain rats.

Separation and determination of honokiol and magnolol in Chinese traditional medicines by capillary electrophoresis with the application of response surface methodology and radial basis function neural network.

The antioxidant N-acetylcysteine prevents the mitochondrial fragmentation induced by soluble amyloid- β peptide oligomers.

Use of quantitative-structure property relationship (QSPR) and artificial neural network (ANN) based approaches for estimating the octanol-water partition coefficients of the 209 chlorinated trans-azobenzene congeners.

Assessing single and joint effects of chemicals on the survival and reproduction of *Folsomia candida* (Collembola) in soil.

Endocrine disrupters: a review of some sources, effects, and mechanisms of actions on behaviour and neuroendocrine systems.

Antioxidant and inhibitory effect of red ginger (*Zingiber officinale* var. *Rubra*) and white ginger (*Zingiber officinale* Roscoe) on Fe(2+) induced lipid peroxidation in rat brain in vitro.

Resolution of abnormal fractional anisotropy of substantia nigra in organophosphate intoxication.

Surfactant volume is an essential element in human toxicity in acute glyphosate herbicide intoxication.

Toxicological responses of *Cyprinus carpio* exposed to a commercial formulation containing glyphosate.

Menthol attenuates respiratory irritation responses to multiple cigarette smoke irritants.

Differential effects of activating D1 and D2 receptors on electrophysiology of neostriatal neurons in a rat model of Parkinson's disease induced by paraquat and maneb.

Effects of deliberate ingestion of organophosphate or paraquat on brain stem auditory-evoked potentials.

Enhanced sensitization and elicitation responses caused by mixtures of common fragrance allergens.

Sex- and brain region-specific role of cytochrome c oxidase in 1-methyl-4-phenylpyridinium-mediated astrocyte vulnerability.

Differential regional expression patterns of β -synuclein, TNF- α , and IL-1 β ; and variable status of dopaminergic neurotoxicity in mouse brain after Paraquat treatment.

Systematic review of parkinsonian syndromes in short- and long-term survivors of paraquat poisoning.

Epidemiologic studies of glyphosate and non-cancer health outcomes: a review.

Acute exposure to glyphosate herbicide affects oxidative parameters in piava (*Leporinus obtusidens*).

Paraquat induces behavioral changes and cortical and striatal mitochondrial dysfunction.

Paraquat induces epigenetic changes by promoting histone acetylation in cell culture models of dopaminergic degeneration.

The differential effect of atrazine on luteinizing hormone release in adrenalectomized adult female Wistar rats.

Toxicological responses of *Cyprinus carpio* exposed to the herbicide penoxsulam in rice field conditions.

The effects of paraquat on regional brain neurotransmitter activity, hippocampal BDNF and behavioural function in female mice.

Acrolein-mediated injury in nervous system trauma and diseases.

Protein modification by acrolein: relevance to pathological conditions and inhibition by aldehyde sequestering agents.

Kolaviron protects apoptotic cell death in PC12 cells exposed to atrazine.

Neuroprotective effect of Cu,Zn-superoxide dismutase fused to a TCTP-derived protein transduction domain.

Acrolein, an environmental toxin, induces cardiomyocyte apoptosis via elevated intracellular calcium and free radicals.

TCDD and cancer: a critical review of epidemiologic studies.

Assessment of fetal brain uptake of paraquat in utero using in vivo PET/CT imaging.

Biochemical and toxicological evidence of neurological effects of pesticides: the example of Parkinson's disease.

"Hyperammonemia following glufosinate-containing herbicide poisoning: a potential marker of severe neurotoxicity" by Yan-Chido Mao et al., *Clin Toxicol (Phila)* 2011; 49:48-52.

In search of the causes of Parkinson's disease, seasons 1 to 4.

A novel human volunteer pain model using contact heat evoked potentials (CHEP) following topical skin application of transient receptor potential agonists capsaicin, menthol and cinnamaldehyde.

Mitochondrial aconitase knockdown attenuates paraquat-induced dopaminergic cell death via decreased cellular metabolism and release of iron and H₂O₂.

Parkinson's disease risk from ambient exposure to pesticides.

Association between arsenic exposure and behavior among first-graders from Torreón, Mexico.

Granulocyte macrophage-colony stimulating factor protects against substantia nigra dopaminergic cell loss in an environmental toxin model of Parkinson's disease.

Parkinsonism after chronic occupational exposure to glyphosate.

Use of GC-MS—GC/TOF-MS and LC/TOF-MS for metabolomic analysis of *Hyalella azteca* chronically exposed to atrazine and its primary metabolite, desethylatrazine.

[Effects of paraquat on the learning and memory ability in developing mice].

Rotenone and paraquat linked to Parkinson's disease: human exposure study supports years of animal studies.

Effect of two herbicides on *Xenylla welchi* (Hexapoda:Collembola) under laboratory conditions.

Differential stimulation pathways of progesterone secretion from newly formed corpora lutea in rats treated with ethylene glycol monomethyl ether, sulpiride, or atrazine.

Maneb and paraquat-mediated neurotoxicity: involvement of peroxiredoxin/thioredoxin system.

Exposure to Mn/Zn ethylene-bis-dithiocarbamate and glyphosate pesticides leads to neurodegeneration in *Caenorhabditis elegans*.

Biflavanone-kolaviron protects human dopaminergic SH-SY5Y cells against atrazine induced toxic insult.

Rotenone, paraquat, and Parkinson's disease.

Further antinociceptive effects of myricitrin in chemical models of overt nociception in mice.

Photostability and toxicity of pentachlorophenol and phenanthrene.

Genetic-based, differential susceptibility to paraquat neurotoxicity in mice.

Acrolein induces myelin damage in mammalian spinal cord.

Roundup effects on oxidative stress parameters and recovery pattern of *Rhamdia quelen*.

Adverse effects of 2,4-dichlorophenoxyacetic acid on rat cerebellar granule cell cultures were attenuated by amphetamine.

DJ-1 mediates paraquat-induced dopaminergic neuronal cell death.

Modulation of steroidogenic gene expression and hormone synthesis in H295R cells exposed to PCP and TCP.

Protection by tetrahydroxystilbene glucoside against neurotoxicity induced by MPP+: the involvement of PI3K/Akt pathway activation.

[Antagonism of tert-butylhydroquinone on neurotoxicity and oxidative stress induced by paraquat in PC12].

A review of epidemiologic studies of triazine herbicides and cancer.

[Prolonged convulsion after intoxication of alachlor herbicide (Lasso): a case report].

Effect of low dose exposure to the herbicide atrazine and its metabolite on cytochrome P450 aromatase and steroidogenic factor-1 mRNA levels in the brain of premetamorphic bullfrog tadpoles (*Rana catesbeiana*).

Impacts of the herbicide butachlor on the larvae of a paddy field breeding frog (*Fejervarya limnocharis*) in subtropical Taiwan.

Liquid chromatographic-electrospray mass spectrometric determination of 1-methyl-4-phenylpyridine (MPP+) in discrete regions of murine brain.

Toxicological responses of *Cyprinus carpio* after exposure to a commercial herbicide containing imazethapyr and imazapic.

Commercial formulation containing quinclorac and metsulfuron-methyl herbicides inhibit acetylcholinesterase and induce biochemical alterations in tissues of *Leporinus obtusidens*.

Melatonin or silymarin reduces maneb- and paraquat-induced Parkinson's disease phenotype in the mouse.

Chronic atrazine exposure causes disruption of the spontaneous locomotor activity and alters the striatal dopaminergic system of the male Sprague-Dawley rat.

A physiologically based pharmacokinetic model for atrazine and its main metabolites in the adult male C57BL/6 mouse.

Aseptic meningitis in association with glyphosate-surfactant herbicide poisoning.

Acrolein and neuro disorders.

Understanding the effects of atrazine on steroidogenesis in rat granulosa and H295R adrenal cortical carcinoma cells.

Effects of nitric oxide on the primary bladder afferent activities of the rat with and without intravesical acrolein treatment.

Redox mechanism of neurotoxicity by a serotonin-acrolein polymeric melanoid.

Herbicide exposure and veterans with covered service in Korea. Final rule.

Normal prion protein in *Drosophila* enhances the toxicity of pathogenic polyglutamine proteins and alters susceptibility to oxidative and autophagy signaling modulators.

Early exposure to low doses of atrazine affects behavior in juvenile and adult CD1 mice.

Effect of glyphosate-based herbicide on acetylcholinesterase activity in tadpoles, *Hoplobatrachus rugulosus*.

The effects of Click 500 SC (terbuthylazine) on common carp *Cyprinus carpio* under (sub)chronic conditions.

Early exposure to paraquat sensitizes dopaminergic neurons to subsequent silencing of PINK1 gene expression in mice.

Protective effect of the glial cell line-derived neurotrophic factor (GDNF) on human mesencephalic neuron-derived cells against neurotoxicity induced by paraquat.

Wld(S) reduces paraquat-induced cytotoxicity via SIRT1 in non-neuronal cells by attenuating the depletion of NAD.

Pesticide risk assessment: A study on inhalation and dermal exposure to 2,4-D and paraquat among Malaysian paddy farmers.

[Effects of co-exposure to paraquat and maneb on system of substantia nigra and striatum in rats].

(-)Schisandrin B ameliorates paraquat-induced oxidative stress by suppressing glutathione depletion and enhancing glutathione recovery in differentiated PC12 cells.

Toxicity of neurons treated with herbicides and neuroprotection by mitochondria-targeted antioxidant SS31.

Hyperammonemia following glufosinate-containing herbicide poisoning: a potential marker of severe neurotoxicity.

[Regulation of dopaminergic neuronal death by endogenous dopamine and proteasome activity].

Edaravone, a novel antidote against lung injury and pulmonary fibrosis induced by paraquat?

Toxicological effects of the aquatic herbicide, fluridone, on male water mites (Hydrachnidia: Arrenurus: Megaluracarus).

ASK1 overexpression accelerates paraquat-induced autophagy via endoplasmic reticulum stress.

Detection of photosynthetic herbicides: algal growth inhibition test vs. electrochemical photosystem II biosensor.

Glycogen synthase kinase 3 β and its phosphorylated form (Y216) in the paraquat-induced model of parkinsonism.

Paraquat neurotoxicity is mediated by the dopamine transporter and organic cation transporter-3.

The effects of catalase inhibition into the fourth cerebral ventricle on the Bezold-Jarisch reflex in spontaneously hypertensive rats.

Endogenous hydrogen peroxide in paraventricular nucleus mediates sympathetic activation and enhanced cardiac sympathetic afferent reflex in renovascular hypertensive rats.

TRPV1 and TRPA1 stimulation induces MUC5B secretion in the human nasal airway in vivo.

Dopamine and paraquat enhance α -synuclein-induced alterations in membrane conductance.

Effects of paraquat and capsaicin on the expression of genes related to inflammatory, immune responses and cell death in immortalized human HaCat keratinocytes.

Apolipoprotein D mediates autocrine protection of astrocytes and controls their reactivity level, contributing to the functional maintenance of paraquat-challenged dopaminergic systems.

A guide to neurotoxic animal models of Parkinson's disease.

Mass spectrometry-based quantification of myocardial protein adducts with acrolein in an in vivo model of oxidative stress.

Protein-conjugated acrolein as a biochemical marker of brain infarction.

Traumatic brain injury in adult rats causes progressive nigrostriatal dopaminergic cell loss and enhanced vulnerability to the pesticide paraquat.

Melatonin protects against oxidative stress in granular corneal dystrophy type 2 corneal fibroblasts by mechanisms that involve membrane melatonin receptors.

The involvement of TRPA1 channel activation in the inflammatory response evoked by topical application of cinnamaldehyde to mice.

The role of calcium channel blockers and resveratrol in the prevention of paraquat-induced parkinsonism in *Drosophila melanogaster*: a locomotor analysis.

TRPA1 receptor modulation attenuates bladder overactivity induced by spinal cord injury.

Isopentenyl pyrophosphate is a novel antinociceptive substance that inhibits TRPV3 and TRPA1 ion channels.

Protection against 1-methyl-4-phenylpyridinium ion (MPP⁺)-induced apoptosis by water extract of ginseng (*Panax ginseng* C.A. Meyer) in SH-SY5Y cells.

Paraquat- and rotenone-induced models of Parkinson's disease.

Stress resistance conferred by neuronal expression of dominant-negative Rac in adult *Drosophila melanogaster*.

Catalase inhibition into the fourth cerebral ventricle affects bradycardic parasympathetic response to increase in arterial pressure without changing the baroreflex.

Carnosine protects against the neurotoxic effects of a serotonin-derived melanoid.

Relationship between metabolic disorders and relative risk values of brain infarction estimated by protein-conjugated acrolein, IL-6 and CRP together with age.

Brain infarction correlates more closely with acrolein than with reactive oxygen species.

Anti-acrolein treatment improves behavioral outcome and alleviates myelin damage in experimental autoimmune encephalomyelitis mouse.

Mitochondrial dysfunction in skin fibroblasts from a Parkinson's disease patient with an alpha-synuclein triplication.

Use of polyamine metabolites as markers for stroke and renal failure.

2'-Hydroxycinnamaldehyde targets low-density lipoprotein receptor-related protein-1 to inhibit lipopolysaccharide-induced microglial activation.

TRPA1 mediates spinal antinociception induced by acetaminophen and the cannabinoid Δ^9 -tetrahydrocannabinol.

Acrolein sensitizes human renal cancer Caki cells to TRAIL-induced apoptosis via ROS-mediated up-regulation of death receptor-5 (DR5) and down-regulation of Bcl-2.

Catalase activity prevents exercise-induced up-regulation of vasoprotective proteins in venous tissue.

Generation of reactive oxygen species in 1-methyl-4-phenylpyridinium (MPP+) treated dopaminergic neurons occurs as an NADPH oxidase-dependent two-wave cascade.

Preferential activation of the vagal nodose nociceptive subtype by TRPA1 agonists in the guinea pig esophagus.

Expression and localization of a Rhizobium-derived cambialistic superoxide dismutase in pea (*Pisum sativum*) nodules subjected to oxidative stress.

Transient receptor potential ankyrin 1 is expressed by inhibitory motoneurons of the mouse intestine.

Growth inhibitory activities of oxyprenylated and non-prenylated naturally occurring phenylpropanoids in cancer cell lines.

The homeobox protein CEH-23 mediates prolonged longevity in response to impaired mitochondrial electron transport chain in *C. elegans*.

Cigarette smoke and $\hat{1}\pm,\hat{1}^2$ -unsaturated aldehydes elicit VEGF release through the p38 MAPK pathway in human airway smooth muscle cells and lung fibroblasts.

Murine hepatic aldehyde dehydrogenase 1a1 is a major contributor to oxidation of aldehydes formed by lipid peroxidation.

Optical sensing quantum dot-labeled polyacrolein particles prepared by layer-by-layer deposition technique.

Human dental pulp fibroblasts express the "cold-sensing" transient receptor potential channels TRPA1 and TRPM8.

The chemotherapy metabolite acrolein upregulates thrombin generation and impairs the protein C anticoagulant pathway in animal-based and cell-based models.

A tingling sanshool derivative excites primary sensory neurons and elicits nocifensive behavior in rats.

Redox cycling and increased oxygen utilization contribute to diquat-induced oxidative stress and cytotoxicity in Chinese hamster ovary cells overexpressing NADPH-cytochrome P450 reductase.

Effects of exogenous glutathione on arsenic burden and NO metabolism in brain of mice exposed to arsenite through drinking water.

Alteration of GSK-3 $\hat{1}^2$ in the hippocampus and other brain structures after chronic paraquat administration in rats.

Increased oxidative/nitrosative stress markers measured non-invasively in patients with high 2,3,7,8-tetrachloro-dibenzo-p-dioxin plasma level.

JNK3-mediated apoptotic cell death in primary dopaminergic neurons.

TRPA1 receptors mediate environmental irritant-induced meningeal vasodilatation.

Self- and cross-desensitization of oral irritation by menthol and cinnamaldehyde (CA) via peripheral interactions at trigeminal sensory neurons.

Community-led initiative for control of anemia among children 6 to 35 months of age and unmarried adolescent girls in rural Wardha, India.

Molecular aspects of dopaminergic neurodegeneration: gene-environment interaction in parkin dysfunction.

The management of iron deficiency in menometrorrhagia.

Environmental- and injury-related epidemic-assistance investigations, 1946-2005.

17 β -estradiol protects the lung against acute injury: possible mediation by vasoactive intestinal polypeptide.

Mutated p.4894 RyR1 function related to malignant hyperthermia and congenital neuromuscular disease with uniform type 1 fiber (CNMDU1).

Regulation of apoptosis in human melanoma and neuroblastoma cells by statins, sodium arsenite and TRAIL: a role of combined treatment versus monotherapy.

Neuroprotective efficacy of curcumin in arsenic induced cholinergic dysfunctions in rats.

Endocrine disrupting chemicals and disease susceptibility.

Mitochondrial ERK plays a key role in μ -opioid receptor neuroprotection against acute mitochondrial dysfunction.

Increased hepatic Igf2 gene expression involves C/EBP β in TCDD-induced teratogenesis in rats.

Discovery of potent, selective, and orally bioavailable alkynylphenoxyacetic acid CRTH2 (DP2) receptor antagonists for the treatment of allergic inflammatory diseases.

An endogenous tumour-promoting ligand of the human aryl hydrocarbon receptor.

Heated indoor swimming pools, infants, and the pathogenesis of adolescent idiopathic scoliosis: a neurogenic hypothesis.

Lithium protects against oxidative stress-mediated cell death in α -synuclein-overexpressing in vitro and in vivo models of Parkinson's disease.

Animal models of Parkinson's disease: a source of novel treatments and clues to the cause of the disease.

Molecular targets that link dioxin exposure to toxicity phenotypes.

Inhibition of fatty acid amide hydrolase suppresses referred hyperalgesia induced by bladder inflammation.

Synthesis and evaluation of novel carbon-11 labeled oxopurine analogues for positron emission tomography imaging of translocator protein (18 kDa) in peripheral organs.

Methyl bromide poisoning presenting as acute ataxia.

2,4-dinitrophenol (DNP): a weight loss agent with significant acute toxicity and risk of death.

Metabolomics analysis reveals elevation of 3-indoxyl sulfate in plasma and brain during chemically-induced acute kidney injury in mice: investigation of nicotinic acid receptor agonists.

Changes in iron-regulatory gene expression occur in human cell culture models of Parkinson's disease.

Surprises perilous: toxic health hazards for employees unloading fumigated shipping containers.

Placental docosahexaenoic and arachidonic acids correlate weakly with placental polychlorinated dibenzofurans (PCDF) and are uncorrelated with polychlorinated dibenzo-p-dioxins (PCDD) or polychlorinated biphenyls (PCB) at delivery: a pilot study.

Proton MR spectroscopy of neural stem cells: does the proton-NMR peak at 1.28 ppm function as a biomarker for cell type or state?

Urinary trichlorophenol levels and increased risk of attention deficit hyperactivity disorder among US school-aged children.

Interactive effect of arsenic and fluoride on cardio-respiratory disorders in male rats: possible role of reactive oxygen species.

Fulminant hepatic failure in woman with iron and non-steroidal anti-inflammatory drug intoxication.

Illness associated with exposure to methyl bromide-fumigated produce--California, 2010.

Distinct role of Hsp70 in Drosophila hemocytes during severe hypoxia.

Sleep deprivation differentially affects dopamine receptor subtypes in mouse striatum.

The response of HMGA1 to changes in oxygen availability is evolutionarily conserved.

Inducers of chemical hypoxia act in a gender- and brain region-specific manner on primary astrocyte viability and cytochrome C oxidase.

Mitochondrial dysfunction and oxidative stress contribute to the pathogenesis of spinocerebellar ataxia type 12 (SCA12).

Konzo: from poverty, cassava, and cyanogen intake to toxico-nutritional neurological disease.

Life span and locomotor activity modification by glucose and polyphenols in Drosophila melanogaster chronically exposed to oxidative stress-stimuli: implications in Parkinson's disease.

Exposure to iodomethane and dichloromethane associated with a confusional state.

Regulation of type 17 helper T-cell function by nitric oxide during inflammation.

Antenatal sildenafil treatment attenuates pulmonary hypertension in experimental congenital diaphragmatic hernia.

Concomitant exposure to arsenic and organophosphates on tissue oxidative stress in rats.

Urinary p-cresol is elevated in small children with severe autism spectrum disorder.

Antioxidant effect of vegetable oils containing conjugated linolenic acid isomers against induced tissue lipid peroxidation and inflammation in rat model.

Recommendations on iron questioned.

Concerns with early universal iron supplementation of breastfeeding infants.

Glutamate NMDA receptor dysregulation in Parkinson's disease with dyskinesias.

Resveratrol interacts with estrogen receptor- β to inhibit cell replicative growth and enhance stress resistance by upregulating mitochondrial superoxide dismutase.

Molecular and functional characterization of aryl hydrocarbon receptor nuclear translocator 1 (ARNT1) and ARNT2 in chicken (*Gallus gallus*).

Environmental toxicants and the developing immune system: a missing link in the global battle against infectious disease?

Metabolic stress modulates motor patterning via AMP-activated protein kinase.

Arsenic: toxicity, oxidative stress and human disease.

Exacerbated vulnerability to oxidative stress in astrocytic C6 glioma cells with stable overexpression of the glutamine transporter slc38a1.

Central and peripheral mechanisms underlying gastric distention inhibitory reflex responses in hypercapnic-acidotic rats.

Protective role of exogenous α -lipoic acid (ALA) on hippocampal antioxidant status and memory function in rat pups exposed to sodium arsenite during the early post-natal period.

The nutritive value of grasspea (*Lathyrus sativus*) and allied species, their toxicity to animals and the role of malnutrition in neurolathyrism.

Prenatal developmental toxicity of polychlorinated naphthalenes (PCNs) in the rat.

Recurrence of konzo in southern Tanzania: rehabilitation and prevention using the wetting method.

Assessing diet in populations at risk for konzo and neurolathyrism.

Appearance of konzo in South-Kivu, a wartorn area in the Democratic Republic of Congo.

A case report of concomitant paroxysmal nocturnal hemoglobinuria and heterozygous β -thalassemia.

On the biomarkers and mechanisms of konzo, a distinct upper motor neuron disease associated with food (cassava) cyanogenic exposure.

Uptake of wetting method in Africa to reduce cyanide poisoning and konzo from cassava.

Beneficial network effects of methylene blue in an amnesic model.

Neuroprotective effects of KR-62980, a new PPAR γ agonist, against chemical ischemia-reperfusion in SK-N-SH cells.

Mutant SOD1 and mitochondrial damage alter expression and splicing of genes controlling neuritegenesis in models of neurodegeneration.

Abnormal development of the enteric nervous system in rat embryos and fetuses with congenital diaphragmatic hernia.

Microscopic magnetic resonance imaging of the thoracic venous system in rats with congenital diaphragmatic hernia.

Bacterial contamination and the transport vial material affect cerebrospinal fluid concentrations of β -Amyloid and Tau protein as determined by enzyme immunoassay.

Does uremia cause vascular dysfunction?

Role of familial, environmental and occupational factors in the development of Parkinson's disease.

Muscle weakness in Ryr1I4895T/WT knock-in mice as a result of reduced ryanodine receptor Ca²⁺ ion permeation and release from the sarcoplasmic reticulum.

Inhibition of hexokinase leads to neuroprotection against excitotoxicity in organotypic hippocampal slice culture.

Functional Characterization of Hypertrehalosemic Hormone Receptor in Relation to Hemolymph Trehalose and to Oxidative Stress in the Cockroach *Blattella germanica*.

Biodegradation dynamics and cell maintenance for the treatment of resorcinol and p-cresol by filamentous fungus *Gliomastix indicus*.

MDP25, a novel calcium regulatory protein, mediates hypocotyl cell elongation by destabilizing cortical microtubules in *Arabidopsis*.

A neural cell adhesion molecule-derived peptide, FGL, attenuates glial cell activation in the aged hippocampus.

Heparan sulfate proteoglycans mediate the angiogenic activity of the vascular endothelial growth factor receptor-2 agonist gremlin.

Role of acidification elicited by sialylation and sulfation of zona glycoproteins during oocyte maturation in porcine sperm-zona pellucida interactions.

TRPV1, TRPA1, and CB1 in the isolated vagus nerve--axonal chemosensitivity and control of neuropeptide release.

Rat H9c2 cardiac myocytes are sensitive to arsenite due to a modest activation of transcription factor Nrf2.

Natural toxins implicated in the development of Parkinson's disease.

Stereoselective metabolism of fenoxaprop-ethyl and its chiral metabolite fenoxaprop in rabbits.

Non-dioxin-like polychlorinated biphenyls interfere with neuronal differentiation of embryonic neural stem cells.

Multivariate toxicity profiles and QSAR modeling of non-dioxin-like PCBs--an investigation of in vitro screening data from ultra-pure congeners.

The neuroecology of dimethyl sulfide: a global-climate regulator turned marine infochemical.

Transient receptor potential A1 channels: insights into cough and airway inflammatory disease.

Salt stress-induced disassembly of Arabidopsis cortical microtubule arrays involves 26S proteasome-dependent degradation of SPIRAL1.

On the antioxidant properties of kynurenic acid: free radical scavenging activity and inhibition of oxidative stress.

The leader protein of cardioviruses inhibits stress granule assembly.

Azido analogs of neuroactive steroids.

Aryl hydrocarbon receptor-dependent upregulation of Cyp1b1 by TCDD and diesel exhaust particles in rat brain microvessels.

Hippocampal metabolomics reveals 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity associated with ageing in Sprague-Dawley rats.

C-Jun N-terminal kinase controls TDP-43 accumulation in stress granules induced by oxidative stress.

Personal and ambient exposures to air toxics in Camden, New Jersey.

Characterization of iodinated adrenomedullin derivatives suitable for lung nuclear medicine.

Vacuolar H⁺-ATPase c protects glial cell death induced by sodium nitroprusside under glutathione-depleted condition.

Organic anion transporters play an important role in the uptake of p-cresyl sulfate, a uremic toxin, in the kidney.

[Thiamine and its derivatives in the regulation of cell metabolism].

Interactions of human organic anion transporter 1 (hOAT1) with substances associated with forensic toxicology.

Developmental and posthatch effects of in ovo exposure to 2,3,7,8-TCDD, 2,3,4,7,8-PECDF, and 2,3,7,8-TCDF in Japanese quail (*Coturnix japonica*), common pheasant (*Phasianus colchicus*), and white leghorn chicken (*Gallus gallus domesticus*) embryos.

A study of the relative importance of the peroxiredoxin-, catalase-, and glutathione-dependent systems in neural peroxide metabolism.

5-S-GAD attenuates Fe²⁺-induced lipid peroxidation and cell death in a neuronal cell model.

WITHDRAWN: Effects of choline on sodium arsenite-induced neural tube defects in chick embryos.

Arsenic and fluoride induce neural progenitor cell apoptosis.

Sodium arsenite and hyperthermia modulate cisplatin-DNA damage responses and enhance platinum accumulation in murine metastatic ovarian cancer xenograft after hyperthermic intraperitoneal chemotherapy (HIPEC).

Role of zebrafish cytochrome P450 CYP1C genes in the reduced mesencephalic vein blood flow caused by activation of AHR2.

Mitochondrial uncoupling agents antagonize rotenone actions in rat substantia nigra dopamine neurons.

Metam sodium intoxication: the specific role of degradation products--methyl isothiocyanate and carbon disulphide--as a function of exposure.

Oral ferrous sulfate does not increase preoperative hemoglobin in patients scheduled for hip or knee arthroplasty.

Activating PKC- δ 1 at the blood-brain barrier reverses induction of P-glycoprotein activity by dioxin and restores drug delivery to the CNS.

Apolipoprotein D alters the early transcriptional response to oxidative stress in the adult cerebellum.

Arsenic affects expression and processing of amyloid precursor protein (APP) in primary neuronal cells overexpressing the Swedish mutation of human APP.

GLT-1 overexpression attenuates bladder nociception and local/cross-organ sensitization of bladder nociception.

TRP channels: emerging targets for respiratory disease.

Perinatal TCDD exposure alters developmental neuroendocrine system.

Acute exposure to 2,4-dinitrophenol alters zebrafish swimming performance and whole body triglyceride levels.

The generation of olfactory epithelial neurospheres in vitro predicts engraftment capacity following transplantation in vivo.

Cigarette smoke increases susceptibility to tuberculosis--evidence from in vivo and in vitro models.

In vitro toxicity profiling of ultrapure non-dioxin-like polychlorinated biphenyl congeners and their relative toxic contribution to PCB mixtures in humans.

Embryonic exposure to environmentally relevant concentrations of PCB126 affect prey capture ability of *Fundulus heteroclitus* larvae.

SMN deficiency reduces cellular ability to form stress granules, sensitizing cells to stress.

Tissue-specific and dose-related accumulation of arsenic in mouse offspring following maternal consumption of arsenic-contaminated water.

Fibroblast cytoskeletal remodeling contributes to connective tissue tension.

Effects of chlorinated acetates on the glutathione metabolism and on glycolysis of cultured astrocytes.

Dioxin exposure of human CD34+ hemopoietic cells induces gene expression modulation that recapitulates its in vivo clinical and biological effects.

Vertically integrated human P450 and oxygen sensing film for the assays of P450 metabolic activities.

Activity-based protein profiling of organophosphorus and thiocarbamate pesticides reveals multiple serine hydrolase targets in mouse brain.

Photo-driven optical oscillators in the kHz range based on push-pull hydroxyazopyridines.

Fetal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin induces expression of the chemokine genes Cxcl4 and Cxcl7 in the perinatal mouse brain.

Stability of tissue PO₂ in the face of altered perfusion: a phenomenon specific to the renal cortex and independent of resting renal oxygen consumption.

Light- and sodium azide-induced death of RGC-5 cells in culture occurs via different mechanisms.

The lampricide 3-trifluoromethyl-4-nitrophenol (TFM) uncouples mitochondrial oxidative phosphorylation in both sea lamprey (*Petromyzon marinus*) and TFM-tolerant rainbow trout (*Oncorhynchus mykiss*).

Actin filament-organized local cortical endoplasmic reticulum aggregations in developing stomatal complexes of grasses.

Manganese uptake and distribution in the brain after methyl bromide-induced lesions in the olfactory epithelia.

Inhibition of cyclophosphamide-induced oxidative stress in rat brain by polar and non-polar extracts of Annatto (*Bixa orellana*) seeds.

Aryl hydrocarbon receptor activation in lactotropes and gonadotropes interferes with estradiol-dependent and -independent preprolactin, glycoprotein alpha and luteinizing hormone beta gene expression.

Effects of metolachlor on transcription of thyroid system-related genes in juvenile and adult Japanese medaka (*Oryzias latipes*).

Aryl hydrocarbon receptor-mediated up-regulation of ATP-driven xenobiotic efflux transporters at the blood-brain barrier.

Increased antibiotic release from a bone cement containing bacterial cellulose.

Neural precursor cell proliferation is disrupted through activation of the aryl hydrocarbon receptor by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Realgar- and cinnabar-containing an-gong-niu-huang wan (AGNH) is much less acutely toxic than sodium arsenite and mercuric chloride.

Transcriptional response of zebrafish embryos exposed to neurotoxic compounds reveals a muscle activity dependent hspb11 expression.

Mortality from Parkinson's disease and other causes among a workforce manufacturing paraquat: a retrospective cohort study.

Glutathione biosynthesis via activation of the nuclear factor E2-related factor 2 (Nrf2)--antioxidant-response element (ARE) pathway is essential for neuroprotective effects of sulforaphane and 6-(methylsulfinyl) hexyl isothiocyanate.

Oxidatively generated DNA damage after Cu(II) catalysis of dopamine and related catecholamine neurotransmitters and neurotoxins: Role of reactive oxygen species.

Differential long-term effects of developmental exposure to polychlorinated biphenyls 52, 138 or 180 on motor activity and neurotransmission. Gender dependence and mechanisms involved.

\hat{I}^2 -dicarbonyl enolates: a new class of neuroprotectants.

KB-R7943, an inhibitor of the reverse Na⁺ /Ca²⁺ exchanger, blocks N-methyl-D-aspartate receptor and inhibits mitochondrial complex I.

Paraquat induces cyclooxygenase-2 (COX-2) implicated toxicity in human neuroblastoma SH-SY5Y cells.

Maneb and paraquat-induced modulation of toxicant responsive genes in the rat liver: comparison with polymorphonuclear leukocytes.

[Hypothetical link between endometriosis and xenobiotics-associated genetically modified food].

Synergistic effects of environmental risk factors and gene mutations in Parkinson's disease accelerate age-related neurodegeneration.

Rosmarinic acid antagonized 1-methyl-4-phenylpyridinium (MPP⁺)-induced neurotoxicity in MES23.5 dopaminergic cells.

The neuroprotective effect of talipexole from paraquat-induced cell death in dopaminergic neuronal cells.

Variable toxicological response to the loss of OXPHOS through 1-methyl-4-phenylpyridinium-induced mitochondrial damage and anoxia in diverse neural immortal cell lines.

Relative inhibitory potency of molinate and metabolites with aldehyde dehydrogenase 2: implications for the mechanism of enzyme inhibition.

Proteomic analysis of diaminochlorotriazine (DACT) adducts in three brain regions of Wistar rats.

Molecular mechanisms of pesticide-induced neurotoxicity: Relevance to Parkinson's disease.

Nitric oxide in paraquat-mediated toxicity: A review.

Glyphosate-surfactant herbicide-induced reversible encephalopathy.

Rasagiline protects against alpha-synuclein induced sensitivity to oxidative stress in dopaminergic cells.

Dose response assessment for effects of acute exposure to methyl isothiocyanate (MITC).

Sensitivity of lamprey ammocoetes to six chemicals.

Glyphosate-based herbicides produce teratogenic effects on vertebrates by impairing retinoic acid signaling.

Alterations in mRNA expression of acetylcholinesterase in brain and muscle of common carp exposed to atrazine and chlorpyrifos.

Effects of Roundup Transorb on fish: hematology, antioxidant defenses and acetylcholinesterase activity.

Exposure to a glyphosate-based herbicide affects agrobiont predatory arthropod behaviour and long-term survival.

Atrazine binds to the growth hormone-releasing hormone receptor and affects growth hormone gene expression.

Role of autophagy in protection afforded by hypoxic preconditioning against MPP⁺-induced neurotoxicity in SH-SY5Y cells.

Dietary olive oil effect on antioxidant status and fatty acid profile in the erythrocyte of 2,4-D- exposed rats.

Atrazine reduces reproduction in fathead minnow (*Pimephales promelas*).

Loss of Trx-2 enhances oxidative stress-dependent phenotypes in *Drosophila*.

Predicting acute complicated glyphosate intoxication in the emergency department.

Oxidative stress biomarkers in *Cyprinus carpio* exposed to commercial herbicide bispyribac-sodium.

Acute atrazine exposure disrupts matrix metalloproteinases and retinoid signaling during organ morphogenesis in *Xenopus laevis*.

Joint effects of three plant protection products to the terrestrial isopod *Porcellionides pruinosus* and the collembolan *Folsomia candida*.

Paraquat exposure induces nuclear translocation of glyceraldehyde-3-phosphate dehydrogenase (GAPDH) and the activation of the nitric oxide-GAPDH-Siah cell death cascade.

Involvement of nitric oxide in maneb- and paraquat-induced Parkinson's disease phenotype in mouse: is there any link with lipid peroxidation?

Increased reactive oxygen species production in the brain after repeated low-dose pesticide paraquat exposure in rats. A comparison with peripheral tissues.

Severe paraquat poisoning: clinical and radiological findings in a survivor.

[Glyphosate exposure].

The effects of simazine, a chlorotriazine herbicide, on pubertal development in the female Wistar rat.

Paraquat and Parkinson's disease.

Selective vulnerability of the striatal subregions of C57BL/6 mice to paraquat.

Postmortem distribution of ametryn in the blood and organ tissues of an herbicide-poisoning victim.

Potential role of acrolein in neurodegeneration and in Alzheimer's disease.

The toxic influence of paraquat on hippocampus of mice: involvement of oxidative stress.

Caffeine protects against combined paraquat and maneb-induced dopaminergic neuron degeneration.

Assessment of chemical effects on aromatase activity using the H295R cell line.

Activation of apoptosis signal-regulating kinase 1 is a key factor in paraquat-induced cell death: modulation by the Nrf2/Trx axis.

Gene transcription in *Daphnia magna*: effects of acute exposure to a carbamate insecticide and an acetanilide herbicide.

Spontaneous mutation frequency is elevated in skin of harlequin (hq)/Big Blue mice.

Mitochondrial uncoupling protein-2 (UCP2) mediates leptin protection against MPP⁺ toxicity in neuronal cells.

Lysosomal degradation of alpha-synuclein in vivo.

Effect of 2,4-dichlorophenoxyacetic acid on milk transfer to the litter and prolactin release in lactating rats.

Low levels of the herbicide atrazine alter sex ratios and reduce metamorphic success in *Rana pipiens* tadpoles raised in outdoor mesocosms.

Herbicide formulation with glyphosate affects growth, acetylcholinesterase activity, and metabolic and hematological parameters in piava (*Leporinus obtusidens*).

[Relationship between paraquat tissue content and organ injury in paraquat poisoning rats].

Acute human self-poisoning with bispyribac-containing herbicide Nominee: a prospective observational study.

Acrolein induces apoptosis through the death receptor pathway in A549 lung cells: role of p53.

Brain toxicokinetics of prometryne in mice.

Involvement of TRPA1 in ET-1-induced pain-like behavior in mice.

Oxidative stress induced by loss of Cu,Zn-superoxide dismutase (SOD1) or superoxide-generating herbicides causes axonal degeneration in mouse DRG cultures.

Synthesis of sphingosine is essential for oxidative stress-induced apoptosis of photoreceptors.

Rg1 protects the MPP⁺-treated MES23.5 cells via attenuating DMT1 up-regulation and cellular iron uptake.

The effects of polyphenols on survival and locomotor activity in *Drosophila melanogaster* exposed to iron and paraquat.

Neuronal elasticity as measured by atomic force microscopy.

Side-effects of glyphosate on the life parameters of *Eriopis connexa* (Coleoptera: Coccinellidae) in Argentina.

Molecular regulations induced by acrolein in neuroblastoma SK-N-SH cells: relevance to Alzheimer's disease.

Neurotoxic in vivo models of Parkinson's disease recent advances.

Tacrolimus modulates dendritic cell activation in the sensitization phase of allergic contact dermatitis.

Roundup causes oxidative stress in liver and inhibits acetylcholinesterase in muscle and brain of the fish *Prochilodus lineatus*.

Paternal exposure to Agent Orange and spina bifida: a meta-analysis.

Nanogravimetric and voltammetric DNA-hybridization biosensors for studies of DNA damage by common toxicants and pollutants.

P19 neuronal differentiation and retinoic acid metabolism as criteria to investigate atrazine, nitrite, and nitrate developmental toxicity.

NF-kappaB mediates MPP⁺-induced apoptotic cell death in neuroblastoma cells SH-EP1 through JNK and c-Jun/AP-1.

Acetaminophen, via its reactive metabolite N-acetyl-p-benzo-quinoneimine and transient receptor potential ankyrin-1 stimulation, causes neurogenic inflammation in the airways and other tissues in rodents.

Liposomal-glutathione provides maintenance of intracellular glutathione and neuroprotection in mesencephalic neuronal cells.

Environmental damage to the retina and preconditioning: contrasting effects of light and hyperoxic stress.

DJ-1 as a modulator of autophagy: an hypothesis.

Effects of pharmacological agents on the lifespan phenotype of *Drosophila* DJ-1beta mutants.

Effect of zinc and paraquat co-exposure on neurodegeneration: Modulation of oxidative stress and expression of metallothioneins, toxicant responsive and transporter genes in rats.

Correlation between images of silent brain infarction, carotid atherosclerosis and white matter hyperintensity, and plasma levels of acrolein, IL-6 and CRP.

Bicyclic triterpenoid Iripallidal induces apoptosis and inhibits Akt/mTOR pathway in glioma cells.

Increased levels of 4-hydroxynonenal and acrolein in the brain in preclinical Alzheimer disease.

Selective stimulation by cinnamaldehyde of progesterone secretion in human adrenal cells.

Ocotea quixos Lam. essential oil: in vitro and in vivo investigation on its anti-inflammatory properties.

Behavioral evidence of thermal hyperalgesia and mechanical allodynia induced by intradermal cinnamaldehyde in rats.

Intense correlation between protein-conjugated acrolein and primary Sjögren's syndrome.

Differential effects of substance P or hemokinin-1 on transient receptor potential channels, TRPV1, TRPA1 and TRPM8, in the rat.

Toxicity of a serotonin-derived neuromelanin.

Identification of acrolein-conjugated protein in plasma of patients with brain infarction.

±-Synuclein gene may interact with environmental factors in increasing risk of Parkinson's disease.

Role of by-products of lipid oxidation in Alzheimer's disease brain: a focus on acrolein.

Robinetinidol-(4β→8)-epigallocatechin 3-O-gallate, a galloyl dimer prorobinetinidin from *Acacia mearnsii* De Wild, effectively protects human neuroblastoma SH-SY5Y cells against acrolein-induced oxidative damage.

Modulation of hydrogen peroxide and acrolein-induced oxidative stress, mitochondrial dysfunctions and redox regulated pathways by the *Bacopa monniera* extract: potential implication in Alzheimer's disease.

Substance MCS-18 isolated from *Helleborus purpurascens* is a potent antagonist of the capsaicin receptor, TRPV1, in rat cultured sensory neurons.

Ozone activates airway nerves via the selective stimulation of TRPA1 ion channels.

Structural analysis and the effect of cyclo(His-Pro) dipeptide on neurotoxins--a dynamics and density functional theory study.

Effects of protons and HZE particles on glutamate transport in astrocytes, neurons and mixed cultures.

Gypenosides protects dopaminergic neurons in primary culture against MPP(+)-induced oxidative injury.

Protective effects of the synthetic cannabinoids CP55,940 and JWH-015 on rat brain mitochondria upon paraquat exposure.

The protective role of D-glucose against 1-methyl-4-phenylpyridinium ion (MPP+): induced mitochondrial dysfunction in C6 astroglial cells.

Evidence for the pathophysiological relevance of TRPA1 receptors in the cardiovascular system in vivo.

TRPA1-expressing primary afferents synapse with a morphologically identified subclass of substantia gelatinosa neurons in the adult rat spinal cord.

JNK3 mediates paraquat- and rotenone-induced dopaminergic neuron death.

Prophylactic treatment with *Bacopa monnieri* leaf powder mitigates paraquat-induced oxidative perturbations and lethality in *Drosophila melanogaster*.

Transgenerational memory effect of ageing in *Drosophila*.

Two-color fluorescence labeling in acrolein-fixed brain tissue.

ATZ (3-amino-1,2,4-triazole) injected into the fourth cerebral ventricle influences the Bezold-Jarisch reflex in conscious rats.

Cinnamaldehyde up-regulates the mRNA expression level of TRPV1 receptor potential ion channel protein and its function in primary rat DRG neurons in vitro.

Occupational neurological disorders in Korea.

[Effects of α -lipoic acid and vitamin C on oxidative stress in rat exposed to chronic arsenic toxicity].

Characterization of developmental neurotoxicity of As, Cd, and Pb mixture: synergistic action of metal mixture in glial and neuronal functions.

Intracellular ROS level is increased in fibroblasts of triple A syndrome patients.

An endogenous aryl hydrocarbon receptor ligand acts on dendritic cells and T cells to suppress experimental autoimmune encephalomyelitis.

Anticonvulsant effect of (E)-2-benzylidene-4-phenyl-1,3-diselenole in a pilocarpine model in mice.

Tyrosine sulfation of the amino terminus of PSGL-1 is critical for enterovirus 71 infection.

Toxicology and carcinogenesis studies of 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (CAS No. 31508-00-6) in female harlan Sprague-Dawley rats (gavage studies).

A single prenatal exposure to the endocrine disruptor 2,3,7,8-tetrachlorodibenzo-p-dioxin alters developmental myelination and remyelination potential in the rat brain.

Long-lasting effects of chemical hypoxia on spinal cord function in tadpoles.

[The influence of fluoride on expression of OPGL and M-CSF genes and their proteins in rats with experimental fluorosis and the therapeutic effect of Danlan Xianpeng Liaofu capsule].

Home intervention improves cognitive and social-emotional scores in iron-deficient anemic infants.

Dioxins, the aryl hydrocarbon receptor and the central regulation of energy balance.

The Drosophila vesicular monoamine transporter reduces pesticide-induced loss of dopaminergic neurons.

Food safety.

Identification and investigation of mitochondria lacking cytochrome c oxidase activity in axons.

Mutant Parkin impairs mitochondrial function and morphology in human fibroblasts.

Heart tissue of harlequin (hq)/Big Blue mice has elevated reactive oxygen species without significant impact on the frequency and nature of point mutations in nuclear DNA.

Environmental and familial risk factors of Parkinsons disease: case-control study.

Neuroprotective effect of curcumin in arsenic-induced neurotoxicity in rats.

Non-dioxin-like polychlorinated biphenyls and risk of endometriosis.

Sodium azide-associated laryngospasm after air bag deployment.

Neurodevelopmental toxicity of prenatal polychlorinated biphenyls (PCBs) by chemical structure and activity: a birth cohort study.

Environmental stressors and neurobiological features of marine teleosts: histamine receptors as targets.

alpha-Synuclein- and MPTP-generated rodent models of Parkinson's disease and the study of extracellular striatal dopamine dynamics: a microdialysis approach.

Implication of TAp73 in the p53-independent pathway of Puma induction and Puma-dependent apoptosis in primary cortical neurons.

Early onset of neurological symptoms in fragile X premutation carriers exposed to neurotoxins.

In utero and lactational exposure to low doses of chlorinated and brominated dioxins induces deficits in the fear memory of male mice.

Developmental exposure to polychlorinated biphenyls 52, 138 or 180 affects differentially learning or motor coordination in adult rats. Mechanisms involved.

Arsenite induces oxidative injury in rat brain: synergistic effect of iron.

Withdrawal symptoms after gabapentin discontinuation.

Decrease in dietary K intake stimulates the generation of superoxide anions in the kidney and inhibits K secretory channels in the CCD.

Arsenic exposure in utero and nonepidermal proliferative response in adulthood in Tg.AC mice.

2,4-Dinitrophenol blocks neurodegeneration and preserves sciatic nerve function after trauma.

Disruption of CLOCK-BMAL1 transcriptional activity is responsible for aryl hydrocarbon receptor-mediated regulation of Period1 gene.

Temporal and anatomical sensitivities to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin leading to premature acyclicity with age in rats.

Distribution and speciation of arsenic by transplacental and early life exposure to inorganic arsenic in offspring rats.

Octatropine methyl bromide and diazepam combination (Valpinax) in patients with irritable bowel syndrome: a multicentre, randomized, placebo-controlled trial.

[Chemical contamination of the environment and development of allergic and autoimmune diseases].

Environmental toxins and Parkinson's disease: putative roles of impaired electron transport chain and oxidative stress.

Motor neurone disease - a methyl bromide exposure cluster points to a causal mechanism.

Ischemia induces regulator of G protein signaling 2 (RGS2) protein upregulation and enhances apoptosis in astrocytes.

Stabilization of transcription factor Nrf2 by tBHQ prevents oxidative stress-induced amyloid beta formation in NT2N neurons.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on scratching behavior in mice.

Speciation of arsenic trioxide penetrates into cerebrospinal fluid in patients with acute promyelocytic leukemia.

AHR activation by tryptophan--pathogenic hallmark of Th17-mediated inflammation in eosinophilic fasciitis, eosinophilia-myalgia-syndrome and toxic oil syndrome?

Bronchopulmonary innervation defects in infants and rats with congenital diaphragmatic hernia.

Expression of CXCL10 in cultured cortical neurons.

PINK1 polymorphism IVS1-7 A-->G, exposure to environmental risk factors and anticipation of disease onset in Brazilian patients with early-onset Parkinson's Disease.

Ischemia-activated microglia induces neuronal injury via activation of gp91phox NADPH oxidase.

[Neurodevelopmental disorders in response to hormonally active environmental pollutants].

The biological basis of autism spectrum disorders: Understanding causation and treatment by clinical geneticists.

Coronal leakage of four intracanal medications after exposure to human saliva in the presence of a temporary filling material.

[Risk factors for Parkinson disease: an epidemiologic study].

The involvement of hypophyseal-gonadal and hypophyseal-adrenal axes in arsenic-mediated ovarian and uterine toxicity: modulation by hCG.

Increase in in utero exposure to a migrant, 4,4'-butylidenebis(6-t-butyl-m-cresol), from nitrile-butadiene rubber gloves on brain aromatase activity in male rats.

Receptor- and reactive intermediate-mediated mechanisms of teratogenesis.

Neuroprotective effect of s-methylisothiourea in transient focal cerebral ischemia in rat.

The safety and efficacy of continuous transcranial duplex Doppler monitoring of middle cerebral artery occlusion in acute stroke patients: comparison of TCDD and thrombolysis in MCA recanalization.

Evidence supporting a role for N-(3-formyl-3,4-dehydropiperidino)lysine accumulation in MÅller glia dysfunction and death in diabetic retinopathy.

Dioxins and human toxicity.

Effect of intracellular photosensitized singlet oxygen production on the electrophysiological properties of cultured rat hippocampal neurons.

Association of the novel non-AT1, non-AT2 angiotensin binding site with neuronal cell death.

Effects of the compounds MV8608 and MV8612 obtained from *Mandevilla velutina* in the model of hemorrhagic cystitis induced by cyclophosphamide in rats.

Metals, oxidative stress and neurodegenerative disorders.

Numerical variations and spontaneous malformations in the early embryos of the Korean salamander, *Hynobius leechii*, in the farmlands of Korea.

Evaluation of a bioluminescent mouse model expressing aromatase PII-promoter-controlled luciferase as a tool for the study of endocrine disrupting chemicals.

Injury and differentiation following inhibition of mitochondrial respiratory chain complex IV in rat oligodendrocytes.

The role of pramipexole in a severe Parkinson's disease model in mice.

Radioiodinated 4-iodo-L-meta-tyrosine, a system L selective artificial amino acid: molecular design and transport characterization in Chinese hamster ovary cells (CHO-K1 cells).

Expression of pax6 and sox2 in adult olfactory epithelium.

In vivo alternative assessment of the chemicals that interfere with anterior pituitary POMC expression and interrenal steroidogenesis in POMC: EGFP transgenic zebrafish.

Chronic exposure to low levels of inorganic arsenic causes alterations in locomotor activity and in the expression of dopaminergic and antioxidant systems in the albino rat.

Free fatty acids profile of the fetal brain and the plasma, liver, brain and kidneys of pregnant rats treated with sodium arsenite at mid-organogenesis.

Role of dietary GSH in the amelioration of sodium arsenite-induced ovarian and uterine disorders.

Species-specific differential AhR expression protects human neural progenitor cells against developmental neurotoxicity of PAHs.

Acute toxicity of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) in male Sprague-Dawley rats: effects on hepatic oxidative stress, glutathione and metals status.

[Intervention effect of dimercaptopropane sulfonate sodium on central toxic induced by bromoxynil in vivo].

Radiosynthesis of the candidate beta-amyloid radioligand [(11C)AZD2184: Positron emission tomography examination and metabolite analysis in cynomolgus monkeys.

Automatic biotector of water toxicity (ABTOW) as a tool for examination of phenol and cyanide contaminated water.

Comparative metabolism of cyclophosphamide and ifosfamide in the mouse using UPLC-ESI-QTOFMS-based metabolomics.

Matrix metalloproteinase-9 and -2 expression in the olfactory bulb following methyl bromide gas exposure.

Weight-of-evidence analysis of human exposures to dioxins and dioxin-like compounds and associations with thyroid hormone levels during early development.

Respiration-dependent H₂O₂ removal in brain mitochondria via the thioredoxin/peroxiredoxin system.

Attenuation of rotenone-induced mitochondrial oxidative damage and neurotoxicity in *Drosophila melanogaster* supplemented with creatine.

Gene-chemical interactions in the developing mammalian nervous system: Effects on proliferation, neurogenesis and differentiation.

Malformation of certain brain blood vessels caused by TCDD activation of Ahr2/Arnt1 signaling in developing zebrafish.

A study of neurologic symptoms on exposure to organophosphate pesticides in the children of agricultural workers.

Distribution of ¹⁴C-2,3,7,8-tetrachlorodibenzo-p-dioxin to the brain and peripheral tissues of fetal rats and its comparison with adults.

Expression of aryl hydrocarbon receptor in human placentas and fetal tissues.

Involvements of the lipid peroxidation product, HNE, in the pathogenesis and progression of Alzheimer's disease.

Expression profile of rat hippocampal neurons treated with the neuroprotective compound 2,4-dinitrophenol: up-regulation of cAMP signaling genes.

Preparation of mouse brain tissue for immunoelectron microscopy.

Effects of atrazine and chlorpyrifos on acetylcholinesterase and Carboxylesterase in brain and muscle of common carp.

[Effects of catalase activators and inhibitors on ethanol pharmacokinetic characteristics and ethanol and aldehyde-metabolizing enzyme activities in the rat liver and brain].

Sensory detection and responses to toxic gases: mechanisms, health effects, and countermeasures.

Lipid peroxidation-derived reactive aldehydes directly and differentially impair spinal cord and brain mitochondrial function.

Association between As and Cu renal cortex accumulation and physiological and histological alterations after chronic arsenic intake.

Arsenic species, AS3MT amount, and AS3MT gene expression in different brain regions of mouse exposed to arsenite.

Arsenite induces aquaglyceroporin 9 expression in murine livers.

Mapping of cerebral oxidative metabolism with MRI.

Quantitative characterization of changes in bone geometry, mineral density and biomechanical properties in two rat strains with different Ah-receptor structures after long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Methyl iodide poisoning presenting as a mimic of acute stroke: a case report.

[Effects of TCDD on Na⁺ K⁺ ATPase and Ca²⁺ ATPase in brain of mice].

Preliminary biochemical characterization of the novel, non-AT1, non-AT2 angiotensin binding site from the rat brain.

Maternal exposure to dioxin reduces hypothalamic but not pituitary metabolome in fetal rats: a possible mechanism for a fetus-specific reduction in steroidogenesis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptosis in neural growth factor (NGF)-differentiated pheochromocytoma PC12 cells.

Influence of blood meal on the responsiveness of olfactory receptor neurons in antennal sensilla trichodea of the yellow fever mosquito, *Aedes aegypti*.

Dynamic zebrafish interactome reveals transcriptional mechanisms of dioxin toxicity.

Transient receptor potential channels as novel drug targets in respiratory diseases.

PHR1 is a vesicle-bound protein abundantly expressed in mature olfactory neurons.

Dioxin exposure disrupts the differentiation of mouse embryonic stem cells into cardiomyocytes.

Local maximum oxygen disappearance rate has limited utility as a measure of local renal tissue oxygen consumption.

The environmental toxicant 2,3,7,8-tetrachlorodibenzo-p-dioxin disturbs the establishment and maintenance of cell polarity in preimplantation rat embryos.

Acetic acid bacterial lipids improve cognitive function in dementia model rats.

DNA microarray gene expression analysis of human vascular endothelial cells exposed to arsenite.

Early-age changes in oxidative stress in brown trout, *Salmo trutta*.

The chironomid acute toxicity test: development of a new test system.

Intravital fluorescent microscopic evaluation of bacterial cellulose as scaffold for vascular grafts.

The selective beta1-adrenoceptor antagonist nebivolol is a potential oestrogen receptor agonist with neuroprotective abilities.

Development of TEFs for PCB congeners by using an alternative biomarker--thyroid hormone levels.

The speed of mitochondrial movement is regulated by the cytoskeleton and myosin in *Picea wilsonii* pollen tubes.

Traditional reactive carbonyl scavengers do not prevent the carbonylation of brain proteins induced by acute glutathione depletion.

NTPDase family in zebrafish: Nucleotide hydrolysis, molecular identification and gene expression profiles in brain, liver and heart.

[Protective effects of Aloe vera extract on mitochondria of neuronal cells and rat brain].

High-resolution imaging of brain 5-HT 1B receptors in the rhesus monkey using [¹¹C]P943.

Effect of ferrous sulphate on aspartate and alanine aminotransferases of brain of *Tilapia mossambica*.

Chitosan nanoparticle-based neuronal membrane sealing and neuroprotection following acrolein-induced cell injury.

Enhanced metallothionein gene expression induced by mitochondrial oxidative stress is reduced in phospholipid hydroperoxide glutathione peroxidase-overexpressed cells.

A ryanodine receptor agonist promotes the consolidation of long-term memory in young chicks.

Neurotoxic effect of the herbicide paraquat on ascidian larvae.

[Epigenetic mechanism of depression].

Tungsten affects the cortical microtubules of *Pisum sativum* root cells: experiments on tungsten-molybdenum antagonism.

The new generation of intravenous iron: chemistry, pharmacology, and toxicology of ferric carboxymaltose.

Effect of continuous ingestion of acetic Acid bacteria on memory retention and the synaptic function in aged rats.

Laminin-1 induces neurite outgrowth in human mesenchymal stem cells in serum/differentiation factors-free conditions through activation of FAK-MEK/ERK signaling pathways.

Effect of the inosine 5'-monophosphate dehydrogenase inhibitor BMS-566419 on rat cardiac allograft rejection.

Distinct regulation of insulin receptor substrate-1 and -2 by 90-kDa heat-shock protein in adrenal chromaffin cells.

Lipid oxidation and peroxidation in CNS health and disease: from molecular mechanisms to therapeutic opportunities.

Multiple cation channels mediate increases in intracellular calcium induced by the volatile irritant, trans-2-pentenal in rat trigeminal neurons.

Interferon-gamma deficiency modifies the motor and co-morbid behavioral pathology and neurochemical changes provoked by the pesticide paraquat.

Fast, quantitative in situ hybridization of rare mRNAs using ¹⁴C-standards and phosphorus imaging.

Paraquat activates the IRE1/ASK1/JNK cascade associated with apoptosis in human neuroblastoma SH-SY5Y cells.

[Effects of prenatal exposure to paraquat on the development of amino acid synaptic transmission in mouse cerebral parietal cortex].

Assessment of nicotine inhalation exposure and urinary cotinine of tobacco processing workers.

Toxicity of agricultural chemicals in *Daphnia magna*.

Paraquat (PQ)-induced pulmonary fibrosis increases exercise metabolic cost, reducing aerobic performance in rats.

Simultaneous quantification of 1,N2-propano-2'-deoxyguanosine adducts derived from acrolein and crotonaldehyde in human placenta and leukocytes by isotope dilution nanoflow LC nanospray ionization tandem mass spectrometry.

Acrolein scavenging: a potential novel mechanism of attenuating oxidative stress following spinal cord injury.

Differential contribution of the mitochondrial respiratory chain complexes to reactive oxygen species production by redox cycling agents implicated in parkinsonism.

Case-control study on risk factors for leukaemia and brain tumours in children under 5 years in Germany.

[Dysphonia following glyphosate exposition].

Acetaldehyde and the hypothermic effects of ethanol in mice.

Characterization of the hypothalamic-pituitary-adrenal axis response to atrazine and metabolites in the female rat.

Chlorotriazine herbicides and metabolites activate an ACTH-dependent release of corticosterone in male Wistar rats.

Alteration of NRSF expression exacerbating 1-methyl-4-phenyl-pyridinium ion-induced cell death of SH-SY5Y cells.

Cruciferous nutraceutical 3H-1,2-dithiole-3-thione protects human primary astrocytes against neurocytotoxicity elicited by MPTP, MPP(+), 6-OHDA, HNE and acrolein.

Acrolein induces a cellular stress response and triggers mitochondrial apoptosis in A549 cells.

Toxic influence of chronic oral administration of paraquat on nigrostriatal dopaminergic neurons in C57BL/6 mice.

Rotenone and paraquat do not directly activate microglia or induce inflammatory cytokine release.

MRI characterization of structural mouse brain changes in response to chronic exposure to the glufosinate ammonium herbicide.

Vasogenic edema in striatum following ingestion of glufosinate-containing herbicide.

Effect of pesticides on cell survival in liver and brain rat tissues.

[Acute glyphosate-surfactant poisoning with neurological sequels and fatal outcome].

Occupation and risk of parkinsonism: a multicenter case-control study.

Environmental toxins and Parkinson's disease: what have we learned from pesticide-induced animal models?

Molecular mechanisms of 4-hydroxy-2-nonenal and acrolein toxicity: nucleophilic targets and adduct formation.

Effects of 2,4-dichlorophenoxyacetic acid formulation on medulla spinalis of *Poecilia reticulata*: a histopathological study.

Impact of glyphosate on the development, fertility and demography of *Chrysoperla externa* (Neuroptera: Chrysopidae): ecological approach.

Subchronic feeding study of grain from herbicide-tolerant maize DP-9814-6 in Sprague-Dawley rats.

The role of NADPH oxidase 1-derived reactive oxygen species in paraquat-mediated dopaminergic cell death.

Trivalent methylated arsenical-induced phosphatidylserine exposure and apoptosis in platelets may lead to increased thrombus formation.

Up-regulation of divalent metal transporter 1 is involved in 1-methyl-4-phenylpyridinium (MPP(+))-induced apoptosis in MES23.5 cells.

Inflammatory priming of the substantia nigra influences the impact of later paraquat exposure: Neuroimmune sensitization of neurodegeneration.

Effects of exposure to acetochlor on the expression of thyroid hormone related genes in larval and adult rare minnow (*Gobiocypris rarus*).

[Pathologic changes and expression of Heme oxygenase-1 in paraquat-induced renal injury].

Comparative effects of the formulation of glyphosate-surfactant herbicides on hemodynamics in swine.

Nitric oxide-mediated toxicity in paraquat-exposed SH-SY5Y cells: a protective role of 7-nitroindazole.

Low toxic herbicide Roundup induces mild oxidative stress in goldfish tissues.

Paraquat induces oxidative stress, neuronal loss in substantia nigra region and parkinsonism in adult rats: neuroprotection and amelioration of symptoms by water-soluble formulation of coenzyme Q10.

Paraquat induces alternation of the dopamine catabolic pathways and glutathione levels in the substantia nigra of mice.

LRRK2 modulates vulnerability to mitochondrial dysfunction in *Caenorhabditis elegans*.

Oryzalin bodies: in addition to its anti-microtubule properties, the dinitroaniline herbicide oryzalin causes nodulation of the endoplasmic reticulum.

Diuron increases spinal deformity in early-life-stage pink snapper *Pagrus auratus*.

Integrated microring resonator biosensors for monitoring cell growth and detection of toxic chemicals in water.

Dopamine transporter genetic variants and pesticides in Parkinson's disease.

Fatal diquat intoxication.

Fibroblast growth factor 9 prevents MPP⁺-induced death of dopaminergic neurons and is involved in melatonin neuroprotection in vivo and in vitro.

Patterns of immunotoxicity associated with chronic as compared with acute exposure to chemical or physical stressors and their relevance with regard to the role of stress and with regard to immunotoxicity testing.

Evaluation of pathways involved in pentachlorophenol-induced apoptosis in rat neurons.

Toxicity evaluation of three pesticides on non-target aquatic and soil organisms: commercial formulation versus active ingredient.

Changes of thyroid hormone levels and related gene expression in Chinese rare minnow (*Gobiocypris rarus*) during 3-amino-1,2,4-triazole exposure and recovery.

The level and clinical significance of pancreatic enzymes in survivors of acute paraquat poisoning.

[Effect of paraquat on lipid peroxidation monoamine neurotransmitter level in brain tissue of mice].

Human cord blood CD133⁺ stem cells transplanted to nod-scid mice provide conditions for regeneration of olfactory neuroepithelium after permanent damage induced by dichlobenil.

Pest toxicology: the primary mechanisms of pesticide action.

Morbidity in former sawmill workers exposed to pentachlorophenol (PCP): a cross-sectional study in New Zealand.

Responsiveness of the interrenal tissue of *Jundiã* (*Rhamdia quelen*) to an in vivo ACTH test following acute exposure to sublethal concentrations of agrichemicals.

Protection against paraquat and A53T alpha-synuclein toxicity by cabergoline is partially mediated by dopamine receptors.

[Changes in nitric oxide, prostaglandins and myeloperoxidase activity in acrolein-induced cystitis in rats].

Genomic and biochemical approaches in the discovery of mechanisms for selective neuronal vulnerability to oxidative stress.

Inactivation of *Enterobacter sakazakii* in reconstituted infant formula by trans-cinnamaldehyde.

Toxicokinetics and toxicodynamics of paraquat accumulation in mouse brain.

Synchronous-scan fluorescence of algal cells for toxicity assessment of heavy metals and herbicides.

Iron-enhanced paraquat-mediated dopaminergic cell death due to increased oxidative stress as a consequence of microglial activation.

Plant growth regulator (4-chlorophenoxy acetic acid) increases apoptosis in gonads of rats without changing hormonal levels.

Toxicity of formulated glyphosate (glyphos) and cosmo-flux to larval and juvenile colombian frogs 2. Field and laboratory microcosm acute toxicity.

Evaluation of pesticide toxicities with differing mechanisms using *Caenorhabditis elegans*.

Chapter 22 The uptake and interactions of the redox cyler paraquat with mitochondria.

Upregulation of cellular glutathione by 3H-1,2-dithiole-3-thione as a possible treatment strategy for protecting against acrolein-induced neurocytotoxicity.

Involvement of ubiquitin proteasome system in protective mechanisms of Puerarin to MPP(+)-elicited apoptosis.

Growth arrest and DNA damage protein 45b (Gadd45b) protects retinal ganglion cells from injuries.

The adverse effects of hydrogen cyanamide on human health: an evaluation of inquiries to the New Zealand National Poisons Centre.

Oxidative and inflammatory pathways in Parkinson's disease.

TRPA1 agonists evoke coughing in guinea pig and human volunteers.

Transient receptor potential ankyrin receptor 1 is a novel target for pro-tussive agents.

Recruitment maneuver: RAMP versus CPAP pressure profile in a model of acute lung injury.

Intense correlation between brain infarction and protein-conjugated acrolein.

Quantification of Paraquat, MPTP, and MPP+ in brain tissue using microwave-assisted solvent extraction (MASE) and high-performance liquid chromatography-mass spectrometry.

Cardiovascular responses to hydrogen peroxide into the nucleus tractus solitarius.

Increased sensitivity of myoblasts to oxidative stress in amyotrophic lateral sclerosis peripheral tissues.

[Analysis of bialaphos and its active metabolite L-glufosinate in biological specimens by HPLC].

Survival motor neuron deficiency enhances progression in an amyotrophic lateral sclerosis mouse model.

Silencing DJ-1 reveals its contribution in paraquat-induced autophagy.

TRPV1-mediated itch in seasonal allergic rhinitis.

Parkinson's disease and residential exposure to maneb and paraquat from agricultural applications in the central valley of California.

Mutations in the *C. elegans* succinate dehydrogenase iron-sulfur subunit promote superoxide generation and premature aging.

Acrolein, IL-6 and CRP as markers of silent brain infarction.

Okadaic acid protects human neuroblastoma SH-SY5Y cells from 1-methyl-4-phenylpyridinium ion-induced apoptosis.

Oxidative stress in stroke pathophysiology validation of hydrogen peroxide metabolism as a pharmacological target to afford neuroprotection.

Effects of atrazine and its withdrawal on gonadotropin-releasing hormone neuroendocrine function in the adult female Wistar rat.

Effects of paraquat-induced oxidative stress on the neuronal plasma membrane Ca²⁺-ATPase.

Bioaccumulation and biotransformation of brominated and chlorinated contaminants and their metabolites in ringed seals (*Pusa hispida*) and polar bears (*Ursus maritimus*) from East Greenland.

JNK/FOXO-mediated neuronal expression of fly homologue of peroxiredoxin II reduces oxidative stress and extends life span.

Optical biosensors for environmental monitoring based on computational and biotechnological tools for engineering the photosynthetic D1 protein of *Chlamydomonas reinhardtii*.

Atrazine inhibits pulsatile luteinizing hormone release without altering pituitary sensitivity to a gonadotropin-releasing hormone receptor agonist in female Wistar rats.

Time course of arsenic species in the brain and liver of mice after oral administration of arsenate.

The role of p38b MAPK in age-related modulation of intestinal stem cell proliferation and differentiation in *Drosophila*.

Neuroprotective effect of adenoviral catalase gene transfer in cortical neuronal cultures.

Disposition of the herbicide 2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine (Atrazine) and its major metabolites in mice: a liquid chromatography/mass spectrometry analysis of urine, plasma, and tissue levels.

Paraquat is excluded by the blood brain barrier in rhesus macaque: An in vivo pet study.

Oxidative stress promotes proliferation and dedifferentiation of retina glial cells in vitro.

An experimental design approach employing artificial neural networks for the determination of potential endocrine disruptors in food using matrix solid-phase dispersion.

Chapter 21 Paraquat-induced production of reactive oxygen species in brain mitochondria.

Synaptosomal toxicity and nucleophilic targets of 4-hydroxy-2-nonenal.

Well-water consumption and Parkinson's disease in rural California.

Systems metabolic effects of a necator americanus infection in Syrian hamster.

Large-dose intravenous ferric carboxymaltose injection for iron deficiency anemia in heavy uterine bleeding: a randomized, controlled trial.

Metabolite profiling identifies candidate markers reflecting the clinical adaptations associated with Roux-en-Y gastric bypass surgery.

Chronic expression of H-ferritin in dopaminergic midbrain neurons results in an age-related expansion of the labile iron pool and subsequent neurodegeneration: implications for Parkinson's disease.

Upregulation of Slit-2 and Slit-3 gene expressions in the nitrofen-induced hypoplastic lung.

Acid-evoked Ca²⁺ signalling in rat sensory neurones: effects of anoxia and aglycaemia.

Neuroprotective efficacy of Bacopa monnieri against rotenone induced oxidative stress and neurotoxicity in *Drosophila melanogaster*.

Attenuation of arsenic neurotoxicity by curcumin in rats.

Modulation of heart rate variability during severe hemorrhage at different rates in conscious rats.

Convenient headspace gas chromatographic determination of azide in blood and plasma.

Professional exposure to pesticides and Parkinson disease.

Prenatal exposure to PCDDs/PCDFs and dioxin-like PCBs in relation to birth weight.

Deleterious versus neuroprotective effect of metabolic inhibition after traumatic spinal cord injury.

Effects of prolonged iron overload and low frequency electromagnetic exposure on spatial learning and memory in the young rat.

Post-exposure treatment with nasal atropine methyl bromide protects against microinstillation inhalation exposure to sarin in guinea pigs.

Synthesis of some novel triazole derivatives as anti-nociceptive and anti-inflammatory agents.

Disruption of nNOS-PSD95 protein-protein interaction inhibits acute thermal hyperalgesia and chronic mechanical allodynia in rodents.

Rapid inhibition of ongoing DNA synthesis in human glioma tissue by genistein.

Inhibition of UV-C light-induced apoptosis in liver cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Differential effects of PINK1 nonsense and missense mutations on mitochondrial function and morphology.

Fetal and neonatal exposure to three typical environmental chemicals with different mechanisms of action: mixed exposure to phenol, phthalate, and dioxin cancels the effects of sole exposure on mouse midbrain dopaminergic nuclei.

Minocycline attenuates iron neurotoxicity in cortical cell cultures.

Causes and types of health effects during the use of crop protection chemicals: data from a survey of over 6,300 smallholder applicators in 24 different countries.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) inhibits neurite outgrowth in differentiating human SH-SY5Y neuroblastoma cells.

Aryl hydrocarbon receptor inhibition downregulates the TGF-beta/Smad pathway in human glioblastoma cells.

Activation of aryl hydrocarbon receptor by TCDD prevents diabetes in NOD mice and increases Foxp3+ T cells in pancreatic lymph nodes.

Effects of intrauterine 2,3,7,8-tetrachlorodibenzo-p-dioxin on the development and function of the gonadotrophin releasing hormone neuronal system in the male rat.

Abeta43 is more frequent than Abeta40 in amyloid plaque cores from Alzheimer disease brains.

Determination of boron distribution in rat's brain, kidney and liver.

Subchronic feeding study with genetically modified stacked trait lepidopteran and coleopteran resistant (DAS-157-1xDAS-59122-7) maize grain in Sprague-Dawley rats.

Decreased nitric oxide markers and morphological changes in the brain of arsenic-exposed rats.

Effect of dioxins on regulation of tyrosine hydroxylase gene expression by aryl hydrocarbon receptor: a neurotoxicology study.

Thyroid hormone levels of pregnant Inuit women and their infants exposed to environmental contaminants.

Parental exposure to pesticides and childhood brain cancer: U.S. Atlantic coast childhood brain cancer study.

Adherence and side effects of three ferrous sulfate treatment regimens on anemic pregnant women in clinical trials.

The myenteric plexus of the esophagus is abnormal in an experimental congenital diaphragmatic hernia model.

Maternal exposure to dioxin disrupts gonadotropin production in fetal rats and imprints defects in sexual behavior.

Effects of frequency and inspiratory plateau pressure during recruitment manoeuvres on lung and distal organs in acute lung injury.

Transplacental and early life exposure to inorganic arsenic affected development and behavior in offspring rats.

Influence of aryl hydrocarbon- (Ah) receptor and genotoxins on DNA repair gene expression and cell survival of mouse hepatoma cells.

Methyl iodide-induced fetal hypothyroidism implicated in late-stage fetal death in rabbits.

Mitochondrial changes within axons in multiple sclerosis.

PCB body burdens in US women of childbearing age 2001-2002: An evaluation of alternate summary metrics of NHANES data.

Foreword to a special issue of Inhalation Toxicology on a risk assessment for iodomethane.

Methylbromide intoxication: a clinical case study.

The use of Fluoro-Jade in primary neuronal cell cultures.

Cell-mediated immune response to unrelated proteins and unspecific inflammation blocked by orally tolerated proteins.

Parkinson-linked genes and toxins that affect neuronal cell death through the Bcl-2 family.

Cytotoxicity and gene expression profiling of two hydroxylated polybrominated diphenyl ethers in human H295R adrenocortical carcinoma cells.

Impairment of emotional behavior and spatial learning in adult Wistar rats by ferrous sulfate.

Effects of leaves extract of *Ocimum sanctum* L. on arsenic-induced toxicity in Wistar albino rats.

Serum dioxins, polychlorinated biphenyls, and endometriosis: a case-control study in Atlanta.

The impact of iron supplementation efficiency in female blood donors with a decreased ferritin level and no anaemia. Rationale and design of a randomised controlled trial: a study protocol.

TCDD induces cell migration via NFATc1/ATX-signaling in MCF-7 cells.

2,3,7,8-TCDD neurotoxicity in neuroblastoma cells is caused by increased oxidative stress, intracellular calcium levels, and tau phosphorylation.

[The specific features of the clinical course of tuberculosis and enhancement of its treatment efficiency in fertile-age women with iron-deficiency anemia].

Chronic health impairment due to 2,3,7,8-tetrachloro-dibenzo-p-dioxin exposure.

Efficacy and tolerability of oral bovine lactoferrin compared to ferrous sulfate in pregnant women with iron deficiency anemia: a prospective controlled randomized study.

Ferric carboxymaltose: a review of its use in iron-deficiency anaemia.

Novel inhibitors of HIV discovered among existing classes of pharmaceutical compounds indicated for unrelated clinical indications.

Silencing of PINK1 expression affects mitochondrial DNA and oxidative phosphorylation in dopaminergic cells.

A cluster of neurological signs and symptoms in soil fumigators.

Melatonin inhibits arsenite-induced peripheral neurotoxicity.

Differential effects of the mitochondrial uncoupling agent, 2,4-dinitrophenol, or the nitroxide antioxidant, Tempol, on synaptic or nonsynaptic mitochondria after spinal cord injury.

Effects of chronic low dose rotenone treatment on human microglial cells.

(3R,5S,7as)-(3,5-Bis(4-fluorophenyl)tetrahydro-1H-oxazolo[3,4-c]oxazol-7a-yl)methanol, a novel neuroprotective agent.

Prenatal exposure to organohalogens, including brominated flame retardants, influences motor, cognitive, and behavioral performance at school age.

11C-GSK189254: a selective radioligand for in vivo central nervous system imaging of histamine H3 receptors by PET.

Vasopressin and sympathetic systems mediate the cardiovascular effects of the GABAergic system in the bed nucleus of the stria terminalis.

Antioxidant defense system in rats simultaneously intoxicated with agrochemicals.

The role of P-glycoprotein in intestinal transport versus the BBB transport of tetraphenylphosphonium.

Knockdown of the aryl hydrocarbon receptor attenuates excitotoxicity and enhances NMDA-induced BDNF expression in cortical neurons.

Model estimates bioaccumulation of total PCBs, dioxin-furan TEQs, and total mercury in mink liver based on concentrations in Lake Ontario water.

Dioxin-like and endocrine disruptive activity of traffic-contaminated soil samples.

Changes in iron-regulatory proteins in the aged rodent neural retina.

Aquatic contaminants alter genes involved in neurotransmitter synthesis and gonadotropin release in largemouth bass.

Co-exposure to arsenic and fluoride on oxidative stress, glutathione linked enzymes, biogenic amines and DNA damage in mouse brain.

Extension of Drosophila life span by RNAi of the mitochondrial respiratory chain.

An overview of dioxin-like compounds, PCB, and pesticide exposures associated with sexual differentiation of neuroendocrine systems, fluctuating asymmetry, and behavioral effects in birds.

Preventive effect of piperonyl butoxide on cyclophosphamide-induced teratogenesis in rats.

Comparative study of antioxidant activity of alpha-eleostearic acid and punicic acid against oxidative stress generated by sodium arsenite.

Lack of methionine sulfoxide reductase A in mice increases sensitivity to oxidative stress but does not diminish life span.

Synthesis and pharmacological evaluation of 1,3,4-oxadiazole bearing bis(heterocycle) derivatives as anti-inflammatory and analgesic agents.

Oxidative inactivation of mitochondrial aconitase results in iron and H₂O₂-mediated neurotoxicity in rat primary mesencephalic cultures.

Scleroglucan-borax hydrogel: a flexible tool for redox protein immobilization.

Endocrine disruptive effect of 3-methyl-4-nitrophenol isolated from diesel exhaust particles in Hershberger assay using castrated immature rats.

Systematic gene expression profile of hypothalamus in calorie-restricted mice implicates the involvement of mTOR signaling in neuroprotective activity.

Is the gonadotropin releasing hormone system vulnerable to endocrine disruption in birds?

Gene expression analysis in zebrafish embryos: a potential approach to predict effect concentrations in the fish early life stage test.

Preclinical activity of palifosfamide lysine (ZIO-201) in pediatric sarcomas including oxazaphosphorine-resistant osteosarcoma.

Chronic low-level arsenic exposure causes gender-specific alterations in locomotor activity, dopaminergic systems, and thioredoxin expression in mice.

Relevance of the aryl hydrocarbon receptor (AhR) for clinical toxicology.

A forward genetic screen in *Drosophila* implicates insulin signaling in age-related locomotor impairment.

Arabidopsis mitogen-activated protein kinase MPK18 mediates cortical microtubule functions in plant cells.

Organic cation transporters: physiology, toxicology and special focus on ethidium as a novel substrate.

Arsenic exposure disrupts neurite growth and complexity in vitro.

Dehydroepiandrosterone formation is independent of cytochrome P450 17 α -hydroxylase/17, 20 lyase activity in the mouse brain.

Effect of chronic exposure to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin in female rats on ovarian gene expression.

Analysis of PCB congeners related to cognitive functioning in adolescents.

Reactive oxygen species as cardiovascular mediators: lessons from endothelial-specific protein overexpression mouse models.

Caenorhabditis elegans LRK-1 and PINK-1 act antagonistically in stress response and neurite outgrowth.

Estrogen-like endocrine disrupting chemicals affecting puberty in humans--a review.

Lipopolysaccharide-induced apoptosis in transformed bovine brain endothelial cells and human dermal microvessel endothelial cells: the role of JNK.

Cell death mechanisms in GT1-7 GnRH cells exposed to polychlorinated biphenyls PCB74, PCB118, and PCB153.

Drug metabolizing enzyme expression in rat choroid plexus: effects of in vivo xenobiotics treatment.

Turning a plant tissue into a living cell froth through isotropic growth.

Disruption of the thyroid system by diethylstilbestrol and ioxynil in the sea bream (*Sparus aurata*).

A piezoelectric immunosensor for the determination of pesticide residues and metabolites in fruit juices.

Bed nucleus of the stria terminalis N-methyl-D-aspartate receptors and nitric oxide modulate the baroreflex cardiac component in unanesthetized rats.

Iodomethane human health risk characterization.

Evaluation of possible modes of action for acute effects of methyl iodide in laboratory animals.

[Effect of environment temperature on the recovery of microdialysis probe for monoamine neurotransmitter].

Dioxin-induced up-regulation of the active form of vitamin D is the main cause for its inhibitory action on osteoblast activities, leading to developmental bone toxicity.

Effects of aerobic and anaerobic metabolic inhibitors on avian intrapulmonary chemoreceptors.

Role of the bed nucleus of the stria terminalis in the cardiovascular responses to acute restraint stress in rats.

Sodium azide induced neuronal damage in vitro: evidence for non-apoptotic cell death.

Endothelium-dependent cerebral artery dilation mediated by TRPA1 and Ca²⁺-Activated K⁺ channels.

Effects of 3,4-dichloroaniline and diazinon on different biological organisation levels of zebrafish (*Danio rerio*) embryos and larvae.

Permeability and toxicological profile estimation of organochlorine compounds by biopartitioning micellar chromatography.

Gene expression as a sensitive endpoint to evaluate cell differentiation and maturation of the developing central nervous system in primary cultures of rat cerebellar granule cells (CGCs) exposed to pesticides.

GABA and nitric oxide in the PVN are involved in arterial pressure control but not in the chemoreflex responses in rats.

Expression and transcriptional regulation of ABC transporters and cytochromes P450 in hCMEC/D3 human cerebral microvascular endothelial cells.

Functional ryanodine receptors in the plasma membrane of RINm5F pancreatic beta-cells.

Developmental mechanisms of arsenite toxicity in zebrafish (*Danio rerio*) embryos.

Neuroprotective role of delta-opioid receptors against mitochondrial respiratory chain injury.

The natural xanthone alpha-mangostin reduces oxidative damage in rat brain tissue.

New ifosfamide analogs designed for lower associated neurotoxicity and nephrotoxicity with modified alkylating kinetics leading to enhanced in vitro anticancer activity.

Ultraviolet light and photosensitising agents activate TRPA1 via generation of oxidative stress.

De-novo formation of dioxins and furans and the memory effect in waste incineration flue gases.

Effects of arsenic exposure from drinking water on spatial memory, ultra-structures and NMDAR gene expression of hippocampus in rats.

Nanoencapsulation of quercetin enhances its dietary efficacy in combating arsenic-induced oxidative damage in liver and brain of rats.

Zolpidem, a clinical hypnotic that affects electronic transfer, alters synaptic activity through potential GABA receptors in the nervous system without significant free radical generation.

Early biochemical and morphological modifications in the brain of a transgenic mouse model of Alzheimer's disease: a role for peroxisomes.

The role of polyamine metabolism in neuronal injury following cerebral ischemia.

Lidocaine prevents referred hyperalgesia associated with cystitis.

Ameliorating effect of curcumin on sodium arsenite-induced oxidative damage and lipid peroxidation in different rat organs.

Effects of mitochondrial poisons on glutathione redox potential and carotid body chemoreceptor activity.

Role of the cyclooxygenase 2-thromboxane pathway in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced decrease in mesencephalic vein blood flow in the zebrafish embryo.

Altered stored calcium release in skeletal myotubes deficient of triadin and junctin.

Molecular mechanisms of the conjugated alpha,beta-unsaturated carbonyl derivatives: relevance to neurotoxicity and neurodegenerative diseases.

Letter regarding: "Paraquat: the red herring of Parkinson's disease research".

Activation of NF-kappaB p65/c-Rel dimer is associated with neuroprotection elicited by mGlu5 receptor agonists against MPP(+) toxicity in SK-N-SH cells.

Comparison of the time courses of selective gene expression and dopaminergic depletion induced by MPP+ in MN9D cells.

The 2,4-D herbicide effects on acetylcholinesterase activity and metabolic parameters of piava freshwater fish (*Leporinus obtusidens*).

Hydralazine inhibits compression and acrolein-mediated injuries in ex vivo spinal cord.

Life-history trade-offs of *Paronychiurus kimi* (Lee) (Collembola: Onychiuridae) populations exposed to paraquat.

Neuroprotective effects of (-)-epigallocatechin-3-gallate (EGCG) on paraquat-induced apoptosis in PC12 cells.

Pretreatment with near-infrared light via light-emitting diode provides added benefit against rotenone- and MPP+-induced neurotoxicity.

The effect of alpha-synuclein knockdown on MPP+ toxicity in models of human neurons.

Biochemical effects of clomazone herbicide on piava (*Leporinus obtusidens*).

1-Methyl-4-phenyl-pyridinium ion-induced oxidative stress, c-Jun phosphorylation and DNA fragmentation factor-45 cleavage in SK-N-SH cells are averted by selegiline.

Polyhydroxylated fullerene derivative C(60)(OH)(24) prevents mitochondrial dysfunction and oxidative damage in an MPP(+)-induced cellular model of Parkinson's disease.

Prostaglandin analogue misoprostol attenuates neurotoxin 1-methyl-4-phenylpyridinium-induced mitochondrial damage and cell death in differentiated PC12 cells.

Potential developmental neurotoxicity of pesticides used in Europe.

Melatonin reduces oxidative/nitrosative stress due to drugs, toxins, metals, and herbicides.

The involvement of nitric oxide in maneb- and paraquat-induced oxidative stress in rat polymorphonuclear leukocytes.

Protective effect of estrogen on apoptosis in a cell culture model of Parkinson's disease.

Paraquat exposure reduces nicotinic receptor-evoked dopamine release in monkey striatum.

Difference in the sensitivity to chemical compounds between female and male neonates of *Daphnia magna*.

Mitochondrial complex I inhibition is not required for dopaminergic neuron death induced by rotenone, MPP+, or paraquat.

Role of TRPM8 and TRPA1 for cold allodynia in patients with cold injury.

An outbreak of fatal pneumonitis caused by contamination of illicit alcohol with paraquat.

Acute alachlor and butachlor herbicide poisoning.

Cortisol response to acute stress in jundiã *Rhamdia quelen* acutely exposed to sub-lethal concentrations of agrichemicals.

Acrolein health effects.

Functionalized mesoporous silica nanoparticle-based drug delivery system to rescue acrolein-mediated cell death.

The cannabinoid CP55,940 prolongs survival and improves locomotor activity in *Drosophila melanogaster* against paraquat: implications in Parkinson's disease.

Rotenone-induced toxicity is mediated by Rho-GTPases in hippocampal neurons.

Neonatal hypomyelination by the herbicide 2,4-dichlorophenoxyacetic acid. Chemical and ultrastructural studies in rats.

In vitro nephrotoxicity induced by propanil.

How irritating: the role of TRPA1 in sensing cigarette smoke and aerogenic oxidants in the airways.

Application of biological safety index in two Japanese watersheds using a bioassay battery.

Blockade of NGF and trk receptors inhibits increased peripheral mechanical sensitivity accompanying cystitis in rats.

Role of protein kinase Cdelta in paraquat-induced glial cell death.

Developmental exposure to pentachlorophenol affects the expression of thyroid hormone receptor beta1 and synapsin I in brain, resulting in thyroid function vulnerability in rats.

Severe acute poisoning due to a glufosinate containing preparation without mitochondrial involvement.

Triptolide protects against 1-methyl-4-phenyl pyridinium-induced dopaminergic neurotoxicity in rats: implication for immunosuppressive therapy in Parkinson's disease.

Subchronic feeding study of herbicide-tolerant soybean DP-356~43-5 in Sprague-Dawley rats.

Effects of the herbicide isopropyl-N-phenyl carbamate on microtubules and MTOCs in lines of *Nicotiana sylvestris* resistant and sensitive to its action.

Maneb potentiates paraquat neurotoxicity by inducing key Bcl-2 family members.

Effect of long-term exposure to simazine on brain and muscle acetylcholinesterase activity of common carp (*Cyprinus carpio*).

Effect of 2,4-dichlorophenoxyacetic acid on rat maternal behavior.

Human ApoD, an apolipoprotein up-regulated in neurodegenerative diseases, extends lifespan and increases stress resistance in *Drosophila*.

Response to "Paraquat: the red herring of Parkinson's disease research".

Carbonyl-scavenging drugs & protection against carbonyl stress-associated cell injury.

Acute renal failure induced by bentazone: 2 case reports and a comprehensive review.

A fatal intoxication from ingestion of 2-methyl-4-chlorophenoxyacetic acid (MCPA).

Differential phosphorylation of translation initiation regulators 4EBP1, S6k1, and Erk 1/2 following inhibition of alcohol metabolism in mouse heart.

Dose-dependent uptake, elimination, and toxicity of monosodium methanearsonate in adult zebra finches (*Taeniopygia guttata*).

Protective effect of prion protein via the N-terminal region in mediating a protective effect on paraquat-induced oxidative injury in neuronal cells.

Respiratory tract responses in male rats following subchronic acrolein inhalation.

Perturbation of organogenesis by the herbicide atrazine in the amphibian *Xenopus laevis*.

Protective effects of a new metalloporphyrin on paraquat-induced oxidative stress and apoptosis in N27 cells.

Atrazine interaction with estrogen expression systems.

Identification of genes associated with paraquat-induced toxicity in SH-SY5Y cells by PCR array focused on apoptotic pathways.

Coupling endoplasmic reticulum stress to the cell death program in dopaminergic cells: effect of paraquat.

Paraquat-induced apoptosis in human neuroblastoma SH-SY5Y cells: involvement of p53 and mitochondria.

Keap1/Nrf2 signaling regulates oxidative stress tolerance and lifespan in *Drosophila*.

Neurotoxicity of pesticides: a brief review.

Protective effect of Pycnogenol in human neuroblastoma SH-SY5Y cells following acrolein-induced cytotoxicity.

Increased vulnerability to rotenone-induced neurotoxicity in ceruloplasmin-deficient mice.

Cannabinoid receptor 2 is increased in acutely and chronically inflamed bladder of rats.

Critical role of acrolein in secondary injury following ex vivo spinal cord trauma.

Reduction in the anxiolytic effects of ethanol by centrally formed acetaldehyde: the role of catalase inhibitors and acetaldehyde-sequestering agents.

Acrolein, the toxic endogenous aldehyde, induces neurofilament-L aggregation.

Hypothyroidism is associated with increased myostatin expression in rats.

Modulation of the neuronal response to ischaemia by somatostatin analogues in wild-type and knock-out mouse retinas.

Gene expression profiles of mouse striatum in control and maneb + paraquat-induced Parkinson's disease phenotype: validation of differentially expressed energy metabolizing transcripts.

Plasma acrolein levels and their association with delayed ischemic neurological deficits following aneurysmal subarachnoid haemorrhage: a pilot study.

Cyclooxygenase-2 deficiency modifies the neurochemical effects, motor impairment and co-morbid anxiety provoked by paraquat administration in mice.

Cigarette smoke-induced neurogenic inflammation is mediated by alpha,beta-unsaturated aldehydes and the TRPA1 receptor in rodents.

Catalytic metalloporphyrin protects against paraquat neurotoxicity in vivo.

Oxidative stress as a biomarker of respiratory disturbance in patients with severe motor and intellectual disabilities.

Activities of 7-nitroindazole and 1-(2-(trifluoromethylphenyl)-imidazole independent of neuronal nitric-oxide synthase inhibition.

Enhanced autophagy and mitochondrial aberrations in murine G(M1)-gangliosidosis.

Paraquat neurotoxicity is mediated by a Bak-dependent mechanism.

Effects of TRPA1 agonists mustard oil and cinnamaldehyde on lumbar spinal wide-dynamic range neuronal responses to innocuous and noxious cutaneous stimuli in rats.

Chronic intraventricular administration of 1-methyl-4-phenylpyridinium as a progressive model of Parkinson's disease.

A critical role of superoxide anion in selenite-induced mitophagic cell death.

Paraquat inhibits postsynaptic AMPA receptors on dopaminergic neurons in the substantia nigra pars compacta.

Development of a photosystem II-based optical microfluidic sensor for herbicide detection.

Role of acetaldehyde in ethanol-induced elevation of the neuroactive steroid 3 α -hydroxy-5 α -pregnan-20-one in rats.

Thyme and cinnamon extracts induce anion secretion in piglet small intestine via cholinergic pathways.

Apolipoprotein D is involved in the mechanisms regulating protection from oxidative stress.

Alteration of dopamine uptake into rat striatal vesicles and synaptosomes caused by an in vitro exposure to atrazine and some of its metabolites.

Chronic ethanol ingestion alters xenobiotic absorption through the skin: potential role of oxidative stress.

Effects of cinnamaldehyde on PGE2 release and TRPV4 expression in mouse cerebral microvascular endothelial cells induced by interleukin-1 β .

Distribution and function of the hydrogen sulfide-sensitive TRPA1 ion channel in rat urinary bladder.

Editorial comment on: distribution and function of the hydrogen sulfide-sensitive TRPA1 ion channel in rat urinary bladder.

Development of a human physiologically based pharmacokinetic (PBPK) model for inorganic arsenic and its mono- and di-methylated metabolites.

Cross-desensitization of responses of rat trigeminal subnucleus caudalis neurons to cinnamaldehyde and menthol.

Characterization of the transcriptional profile in primary astrocytes after oxidative stress induced by Paraquat.

Modulation of oral heat and cold pain by irritant chemicals.

Bed nucleus of the stria terminalis α (1)-adrenoceptor modulates baroreflex cardiac component in unanesthetized rats.

The effects of in utero exposure to a migrant, 4,4'-butylidenebis(6-t-butyl-m-cresol), from nitrile-butadiene rubber gloves on monoamine neurotransmitter in rats.

Abnormal development of tracheal innervation in rats with experimental diaphragmatic hernia.

Dihydrolipoic acid inhibits tetrachlorohydroquinone-induced tumor promotion through prevention of oxidative damage.

Postoperative pain following the use of two different intracanal medications.

Synthesis of biologically active N-methyl derivatives of amidines and cyclized five-membered products of amidines with oxalyl chloride.

Protective effect of unsymmetrical dichalcogenide, a novel antioxidant agent, in vitro and an in vivo model of brain oxidative damage.

Arsenic-induced neurotoxicity in relation to toxicokinetics: effects on sciatic nerve proteins.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) affects bone tissue in rhesus monkeys.

Embryo toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin to the wood duck (*Aix sponsa*).

Recent progress and diverse effects in developmental immunotoxicology: overview of a symposium at the 46th Annual SOT Meeting, Charlotte, NC.

A comprehensive review of mercury provoked autism.

Impairment of short-term memory associated with low iron stores in a volunteer multidose plateletpheresis donor.

Parkinson disease: primacy of age as a risk factor for mitochondrial dysfunction.

Environmental exposures and adverse pregnancy outcomes: a review of the science.

Novel ryanodine receptor mutation that may cause malignant hyperthermia.

Protective effects of GH and IGF-I against iron-induced lipid peroxidation in vivo.

Neuroprotection by *Spirulina platensis* protean extract and phycocyanin against iron-induced toxicity in SH-SY5Y neuroblastoma cells.

The effects of environmental neurotoxicants on the dopaminergic system: A possible role in drug addiction.

Accumulation of M1dG DNA adducts after chronic exposure to PCBs, but not from acute exposure to polychlorinated aromatic hydrocarbons.

Fibronectin promotes cell proliferation of human pre-B cell line via its interactions with VLA-4 and VLA-5.

Chronic exposure to glufosinate-ammonium induces spatial memory impairments, hippocampal MRI modifications and glutamine synthetase activation in mice.

Acute energy restriction triggers Wallerian degeneration in mouse.

[What's new about hyperactivity disorder in children?].

Influences of perinatal dioxin load to visual motion and oddball stimuli examined with an EEG and MEG analysis.

Animal model of posterior cingulate cortex hypometabolism implicated in amnesic MCI and AD.

Inorganic arsenic exposure affects pain behavior and inflammatory response in rat.

Mitochondrial translocation of alpha-synuclein is promoted by intracellular acidification.

Paternal environmental exposures and gene expression during spermatogenesis: research review to research framework.

[Preparedness response to hazard and toxic incidents and food terrorism].

Parkinson's disease and pesticides: a toxicological perspective.

Role of reactive oxygen species in the neurotoxicity of environmental agents implicated in Parkinson's disease.

Clinical manifestations and arsenic methylation after a rare subacute arsenic poisoning accident.

Differential oxidative stress and DNA damage in rat brain regions and blood following chronic arsenic exposure.

[Headache caused by pesticides--a review of the literature].

Protein tyrosine kinase inhibitors modify kainic acid-induced epileptiform activity and mossy fiber sprouting but do not protect against limbic cell death.

Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants.

Perinatal exposure of female rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin induces central precocious puberty in the offspring.

Control of T(reg) and T(H)17 cell differentiation by the aryl hydrocarbon receptor.

The aryl hydrocarbon receptor links TH17-cell-mediated autoimmunity to environmental toxins.

Inhibition of astrocytic energy metabolism by D-lactate exposure impairs memory.

GSK3 promotes arsenite-induced apoptosis via facilitation of mitochondria disruption.

Neuropharmacological profile of novel and selective 5-HT₆ receptor agonists: WAY-181187 and WAY-208466.

DNA-dependent protein kinase catalytic subunit modulates the stability of c-Myc oncoprotein.

Alpha-synuclein, pesticides, and Parkinson disease: a case-control study.

Occupational exposure to pesticides and risk of adult brain tumors.

Iron-generated hydroxyl radicals kill retinal cells in vivo: effect of ferulic acid.

Perinatal profile of ventricular overload markers in congenital diaphragmatic hernia.

Medullary pathways mediating the parasubthalamic nucleus depressor response.

Microvascular free-tissue transfer for head and neck reconstruction in Jehovah's Witness patients.

Pesticide exposure and risk of Parkinson's disease: a family-based case-control study.

Neurological manifestation of methyl bromide intoxication.

The common environmental pollutant dioxin-induced memory deficits by altering estrogen pathways and a major route of retinol transport involving transthyretin.

Removal of the uremic retention solute p-cresol using fractionated plasma separation and adsorption.

Environmental exposure to dioxins and polychlorinated biphenyls reduce levels of gonadal hormones in newborns: results from the Duisburg cohort study.

Transduction of familial amyotrophic lateral sclerosis-related mutant PEP-1-SOD proteins into neuronal cells.

Health effects of early life exposure to arsenic.

Hepatocyte mitochondrion electron-transport chain alterations in CCl₄ and alcohol induced hepatitis in rats and their correction with simvastatin.

Identification and biochemical characterization of a novel ryanodine receptor gene mutation associated with malignant hyperthermia.

Dioxin-mediated tumor progression through activation of mitochondria-to-nucleus stress signaling.

Acute induction of epileptiform discharges by pilocarpine in the in vitro isolated guinea-pig brain requires enhancement of blood-brain barrier permeability.

Pesticide/environmental exposures and Parkinson's disease in East Texas.

Anemia management in peritoneal dialysis patients: can an iron supplement maintain a normal transferrin saturation and hemoglobin level?

Small-molecule aggregation inhibitors reduce excess amyloid in a trisomy 16 mouse cortical cell line.

A 12-week randomised study comparing intravenous iron sucrose versus oral ferrous sulphate for treatment of postpartum anemia.

Feasibility studies of 4'-[methyl-(11)C]thiothymidine as a tumor proliferation imaging agent in mice.

Developmental exposure to polychlorinated biphenyls PCB153 or PCB126 impairs learning ability in young but not in adult rats.

Effects of anoxia, aglycemia, and acidosis on cytosolic Mg²⁺, ATP, and pH in rat sensory neurons.

Clinical applications of urinary organic acids. Part 2. Dysbiosis markers.

Preventing NAD(+) depletion protects neurons against excitotoxicity: bioenergetic effects of mild mitochondrial uncoupling and caloric restriction.

ATP synthase and the actions of inhibitors utilized to study its roles in human health, disease, and other scientific areas.

A single administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin that produces reduced food and water intake induces long-lasting expression of corticotropin-releasing factor, arginine vasopressin, and proopiomelanocortin in rat brain.

Activation of phosphatidylcholine signalling during oxidative stress in synaptic endings.

[Gene cloning, sequence analysis and tissue expression of estrogen-related receptor alpha (Erralpha) in Japanese medaka and its transcriptional responses after differential EDCs exposure].

[A comparative analysis of contractile responses induced by acetylcholine and choline in twitch and tonic frog skeletal muscle fibres].

Maintaining epitheliopoietic potency when culturing olfactory progenitors.

Exposure to sodium metam during zebrafish somitogenesis results in early transcriptional indicators of the ensuing neuronal and muscular dysfunction.

Lipoic acid as an anti-inflammatory and neuroprotective treatment for Alzheimer's disease.

Involvement of the pyrilamine transporter, a putative organic cation transporter, in blood-brain barrier transport of oxycodone.

Lack of TRPV1 inhibits cystitis-induced increased mechanical sensitivity in mice.

Comparison of methods used for the determination of cholinesterase activity in whole blood.

XRCC1 protects against the lethality of induced oxidative DNA damage in nondividing neural cells.

A technical mixture of 2,2',4,4'-tetrabromo diphenyl ether (BDE47) and brominated furans triggers aryl hydrocarbon receptor (AhR) mediated gene expression and toxicity.

Type-2 alkenes mediate synaptotoxicity in neurodegenerative diseases.

Phospholipase A(2), reactive oxygen species, and lipid peroxidation in CNS pathologies.

Oxidative stress and modification of synaptic proteins in hippocampus after traumatic brain injury.

Acrylamide-induced nerve terminal damage: relevance to neurotoxic and neurodegenerative mechanisms.

Acetyl-L-Carnitine selectively prevents post-ischemic LTP via a possible action on mitochondrial energy metabolism.

Genetic evidence that cellulose synthase activity influences microtubule cortical array organization.

Plasmalogen deficiency in cerebral adrenoleukodystrophy and its modulation by lovastatin.

Numerical modelling of the memory effect in wet scrubbers.

Molecular characterization of TRPA1 channel activation by cysteine-reactive inflammatory mediators.

O(2)-sensing signal cascade: clamping of O(2) respiration, reduced ATP utilization, and inducible fumarate respiration.

Ghrelin infused into the portal vein inhibits glucose-stimulated insulin secretion in Wistar rats.

The Duisburg birth cohort study: influence of the prenatal exposure to PCDD/Fs and dioxin-like PCBs on thyroid hormone status in newborns and neurodevelopment of infants until the age of 24 months.

Near-infrared light via light-emitting diode treatment is therapeutic against rotenone- and 1-methyl-4-phenylpyridinium ion-induced neurotoxicity.

Effects of mitochondrial inhibitors on cell viability in U937 monocytes under glucose deprivation.

Chemical sensitivity of the male daphnid, *Daphnia magna*, induced by exposure to juvenile hormone and its analogs.

Insensitivity to glutamate neurotoxicity mediated by NMDA receptors in association with delayed mitochondrial membrane potential disruption in cultured rat cortical neurons.

ROS-independent preconditioning in neurons via activation of mitoK(ATP) channels by BMS-191095.

The *Caenorhabditis elegans* AMP-activated protein kinase AAK-2 is phosphorylated by LKB1 and is required for resistance to oxidative stress and for normal motility and foraging behavior.

Effect of dioxin exposure on aromatase expression in ovariectomized rats.

A potential route to neuroprostanes and isoprostanes: preparation of the four enantiomerically pure diastereomers of 13-F4t-neuroP.

Histopathological alterations of Nile tilapia, *Oreochromis niloticus* in acute and subchronic alachlor exposure.

Analysis of a G protein-coupled receptor for neurotensin by liquid chromatography-electrospray ionization-mass spectrometry.

2,3,7,8-Tetracholorodibenzo-p-dioxin exposure disrupts granule neuron precursor maturation in the developing mouse cerebellum.

Potent upregulation of glutathione and NAD(P)H:quinone oxidoreductase 1 by alpha-lipoic acid in human neuroblastoma SH-SY5Y cells: protection against neurotoxicant-elicited cytotoxicity.

Arsenite-induced cytotoxicity in dorsal root ganglion explants.

Antioxidant activity of different extracts of Argentinian medicinal plants against arsenic-induced toxicity in renal cells.

Mechanistic aspects of 4-amino-2,6-dichlorophenol-induced in vitro nephrotoxicity.

Transient receptor potential A1 is a sensory receptor for multiple products of oxidative stress.

The concept of neurogenic inflammation.

Expression of multiple chondroitin/dermatan sulfotransferases in the neurogenic regions of the embryonic and adult central nervous system implies that complex chondroitin sulfates have a role in neural stem cell maintenance.

Loss of phospholipid asymmetry and elevated brain apoptotic protein levels in subjects with amnesic mild cognitive impairment and Alzheimer disease.

Neuroendocrine and behavioral effects of embryonic exposure to endocrine disrupting chemicals in birds.

Neuronal activity enhances aryl hydrocarbon receptor-mediated gene expression and dioxin neurotoxicity in cortical neurons.

Dynamics of intracellular oxygen in PC12 Cells upon stimulation of neurotransmission.

E-NTPDases and ecto-5'-nucleotidase expression profile in rat heart left ventricle and the extracellular nucleotide hydrolysis by their nerve terminal endings.

Dispensable role of Drosophila ortholog of LRRK2 kinase activity in survival of dopaminergic neurons.

[Research of a bioluminescent bacterial-based optical fiber sensor to detecting acute effects of pollutants in water].

Comparative risk analysis of dioxins in fish and fine particles from heavy-duty vehicles.

Mitochondrial free radical production induced by glucose deprivation in cerebellar granule neurons.

Protective effect of arjunolic acid against arsenic-induced oxidative stress in mouse brain.

A comparison of infant hair, cord blood and meconium analysis to detect fetal exposure to environmental pesticides.

Long-term stability of various drugs and metabolites in urine, and preventive measures against their decomposition with special attention to filtration sterilization.

Investigations of oxidative stress, antioxidant response, and protein binding in chlorpyrifos exposed rat neuronal PC12 cells.

Health of herring gulls (*Larus argentatus*) in relation to breeding location in the early 1990s. III. Effects on the bone tissue.

Alpha-ketoglutarate and N-acetyl cysteine protect PC12 cells from cyanide-induced cytotoxicity and altered energy metabolism.

P-glycoprotein-mediated efflux of phenobarbital at the blood-brain barrier evidence from transport experiments in vitro.

Proline-rich transcript in brain protein induces stress granule formation.

Calcium-activated potassium channels in insect pacemaker neurons as unexpected target site for the novel fumigant dimethyl disulfide.

Interference of endocrine disrupting chemicals with aromatase CYP19 expression or activity, and consequences for reproduction of teleost fish.

Hydroxytyrosol protects retinal pigment epithelial cells from acrolein-induced oxidative stress and mitochondrial dysfunction.

Environmental toxins and health--the health impact of pesticides.

Paraquat induces dopaminergic dysfunction and proteasome impairment in DJ-1-deficient mice.

Effects of dimethylarsinic and dimethylarsinous acid on evoked synaptic potentials in hippocampal slices of young and adult rats.

ATP depletion is the major cause of MPP⁺ induced dopamine neuronal death and worm lethality in alpha-synuclein transgenic *C. elegans*.

Lutein and zeaxanthin protect photoreceptors from apoptosis induced by oxidative stress: relation with docosahexaenoic acid.

Increased expression of glial cell line-derived neurotrophic factor protects against oxidative damage-induced retinal degeneration.

The bipyridyl herbicide paraquat induces proteasome dysfunction in human neuroblastoma SH-SY5Y cells.

Paraquat potentiates glutamate toxicity in immature cultures of cerebellar granule neurons.

Acute effects of glyphosate herbicide on metabolic and enzymatic parameters of silver catfish (*Rhamdia quelen*).

Evaluation of neurodevelopmental effects on rats exposed prenatally to sulfentrazone.

Prolonged toxicokinetics and toxicodynamics of paraquat in mouse brain.

Retinoic acid-mediated differentiation protects against nitrofen-induced apoptosis.

Cytotoxicity of paraquat in microglial cells: Involvement of PKC δ - and ERK1/2-dependent NADPH oxidase.

Identification of differentially expressed proteins in striatum of maneb- and paraquat-induced Parkinson's disease phenotype in mouse.

Protective effects of Ginkgo biloba extract on paraquat-induced apoptosis of PC12 cells.

Topological and chronological features of the impairment of glucose metabolism induced by 1-methyl-4-phenylpyridinium ion (MPP⁺) in rat brain slices.

Effects of hexazinone and atrazine on the physiology and endocrinology of smolt development in Atlantic salmon.

Neurotoxic mechanisms of electrophilic type-2 alkenes: soft soft interactions described by quantum mechanical parameters.

Role of MGMT in protecting against cyclophosphamide-induced toxicity in cells and animals.

Microglia-mediated neurotoxicity is inhibited by morphine through an opioid receptor-independent reduction of NADPH oxidase activity.

Pesticide poisoning.

Effects of four rice herbicides on some metabolic and toxicology parameters of teleost fish (*Leporinus obtusidens*).

Relationship between autophagy and apoptotic cell death in human neuroblastoma cells treated with paraquat: could autophagy be a "brake" in paraquat-induced apoptotic death?

Iron and paraquat as synergistic environmental risk factors in sporadic Parkinson's disease accelerate age-related neurodegeneration.

Toxic influence of subchronic paraquat administration on dopaminergic neurons in rats.

Inhibition of paraquat-induced autophagy accelerates the apoptotic cell death in neuroblastoma SH-SY5Y cells.

Cardiovascular effects of herbicides and formulated adjuvants on isolated rat aorta and heart.

The concept of "aldehyde load" in neurodegenerative mechanisms: cytotoxicity of the polyamine degradation products hydrogen peroxide, acrolein, 3-aminopropanal, 3-acetamidopropanal and 4-aminobutanal in a retinal ganglion cell line.

[Proteolytic stress induced by environmental toxins in dopaminergic neurons: an experimental study].

Protective effect of erythropoietin against 1-methyl-4-phenylpyridinium-induced neurodegeneration in PC12 cells.

Activation of c-Jun N-terminal protein kinase is a common mechanism underlying paraquat- and rotenone-induced dopaminergic cell apoptosis.

Effect of clomazone herbicide on biochemical and histological aspects of silver catfish (*Rhamdia quelen*) and recovery pattern.

P38 and ERK mitogen-activated protein kinases mediate acrolein-induced apoptosis in Chinese hamster ovary cells.

Toxicity studies of butachlor to the freshwater fish *Channa punctata* (Bloch).

Urinary pentachlorophenol in painters and bricklayers in a four-years time interval after the PCP prohibition ordinance in Germany.

Atrazine and reproductive function: mode and mechanism of action studies.

Dopaminergic toxicity of the herbicide atrazine in rat striatal slices.

Effect of pseudophosphorylation and cross-linking by lipid peroxidation and advanced glycation end product precursors on tau aggregation and filament formation.

Linuron and carbaryl differentially impair baseline amino acid and bile salt olfactory responses in three salmonids.

Dopaminergic toxicity associated with oral exposure to the herbicide atrazine in juvenile male C57BL/6 mice.

Modulation of 1-methyl-4-phenylpyridinium-induced mitochondrial dysfunction and cell death in PC12 cells by K(ATP) channel block.

Rosiglitazone protects human neuroblastoma SH-SY5Y cells against MPP+ induced cytotoxicity via inhibition of mitochondrial dysfunction and ROS production.

Relating olfactory neurotoxicity to altered olfactory-mediated behaviors in rainbow trout exposed to three currently-used pesticides.

Melatonin decreases the oxidative stress produced by 2,4-dichlorophenoxyacetic acid in rat cerebellar granule cells.

Evaluation of alachlor herbicide impacts on Nile tilapia (*Oreochromis niloticus*) using biochemical biomarkers.

Chemically diverse toxicants converge on Fyn and c-Cbl to disrupt precursor cell function.

Pesticide exposure exacerbates alpha-synucleinopathy in an A53T transgenic mouse model.

Mechanisms of immune system activation in glaucoma: oxidative stress-stimulated antigen presentation by the retina and optic nerve head glia.

Microglial activation as a priming event leading to paraquat-induced dopaminergic cell degeneration.

Mitochondria mass is low in mouse substantia nigra dopamine neurons: implications for Parkinson's disease.

Paraquat and maneb induced neurotoxicity.

Identification of *Caenorhabditis elegans* genes regulating longevity using enhanced RNAi-sensitive strains.

The role of nitric oxide in paraquat-induced oxidative stress in rat striatum.

Luteolin protects rat PC12 and C6 cells against MPP+ induced toxicity via an ERK dependent Keap1-Nrf2-ARE pathway.

Selective oxidative stress in brain areas of neonate rats exposed to 2,4-Dichlorophenoxyacetic acid through mother's milk.

Oxidative stress mediates tau-induced neurodegeneration in *Drosophila*.

Pesticides and impairment of mitochondrial function in relation with the parkinsonian syndrome.

Chemical genomic profiling for identifying intracellular targets of toxicants producing Parkinson's disease.

Structure-toxicity analysis of type-2 alkenes: in vitro neurotoxicity.

Divergent mechanisms of paraquat, MPP+, and rotenone toxicity: oxidation of thioredoxin and caspase-3 activation.

VIP is a transcriptional target of Nurr1 in dopaminergic cells.

Bioremediation of soil contaminated with pentachlorophenol (PCP) using humic acids bound on zeolite.

Acute antihypertensive action of Tempol in the spontaneously hypertensive rat.

Behavioral and histopathological consequences of paraquat intoxication in mice: effects of alpha-synuclein over-expression.

Paraquat: the red herring of Parkinson's disease research.

Chronic inhalation of rotenone or paraquat does not induce Parkinson's disease symptoms in mice or rats.

Mitochondrial effects of lipid-derived neurotoxins.

4-Hydroxynonenal, an endogenous aldehyde, causes pain and neurogenic inflammation through activation of the irritant receptor TRPA1.

Sensitization of TRPA1 by PAR2 contributes to the sensation of inflammatory pain.

Down-regulation of glutaminase C in human hepatocarcinoma cell by diphenylarsinic acid, a degradation product of chemical warfare agents.

Nitric oxide and oxygen radical attack on GDP-dissociation inhibitor 2 (GDI-2) in spinal cord injury of the rat.

Interaction of genetic and environmental factors in a Drosophila parkinsonism model.

Undersulfation of glycosaminoglycans induced by sodium chlorate treatment affects the progression of C6 rat glioma, in-vivo.

Noxious compounds activate TRPA1 ion channels through covalent modification of cysteines.

In parkinsonian substantia nigra, alpha-synuclein is modified by acrolein, a lipid-peroxidation product, and accumulates in the dopamine neurons with inhibition of proteasome activity.

Nicotine partially protects against paraquat-induced nigrostriatal damage in mice; link to alpha6beta2* nAChRs.

Antiplatelet and antithrombotic activities of essential oil from wild *Ocotea quixos* (Lam.) Kosterm. (Lauraceae) calices from Amazonian Ecuador.

Mitochondrial damage modulates alternative splicing in neuronal cells: implications for neurodegeneration.

Binge ethanol administration enhances the MDMA-induced long-term 5-HT neurotoxicity in rat brain.

Cinnamaldehyde reduction of platelet aggregation and thrombosis in rodents.

Production of a novel neuromelanin at the sevoflurane-water interface.

Ethanol oxidation in the living brain.

Reactive oxygen species generation by the ethylene-bis-dithiocarbamate (EBDC) fungicide mancozeb and its contribution to neuronal toxicity in mesencephalic cells.

Transient receptor potential channel A1 involved in sensory transduction of rat urinary bladder through C-fiber pathway.

Adipokinetic hormone-induced enhancement of antioxidant capacity of *Pyrrhocoris apterus* hemolymph in response to oxidative stress.

Disruption of thyroid hormone binding to sea bream recombinant transthyretin by ioxinyl and polybrominated diphenyl ethers.

Modification by acrolein, a component of tobacco smoke and age-related oxidative stress, mediates functional impairment of human apolipoprotein E.

[Structure-activity relationship of phenylallyl compounds inhibiting PGE2 release in mouse cerebral microvascular endothelial cells induced by IL-1beta].

20-Hydroxyecdysone prevents oxidative stress damage in adult *Pyrrhocoris apterus*.

Endogenous hydrogen peroxide in paraventricular nucleus mediating cardiac sympathetic afferent reflex and regulating sympathetic activity.

Activation of brain calcineurin (Cn) by Cu-Zn superoxide dismutase (SOD1) depends on direct SOD1-Cn protein interactions occurring in vitro and in vivo.

Membrane effects of 2,4-dichlorophenoxyacetic acid in motor cells of *Mimosa pudica* L.

Transcriptional profiling of cross pathway control in *Neurospora crassa* and comparative analysis of the Gcn4 and CPC1 regulons.

Distribution of ¹⁴C-atrazine following an acute lactational exposure in the Wistar rat.

Mitochondria are a major source of paraquat-induced reactive oxygen species production in the brain.

Inhibition of cyclin-dependent kinases is neuroprotective in 1-methyl-4-phenylpyridinium-induced apoptosis in neurons.

Characterization of the uptake of organic anion transporter (OAT) 1 and OAT3 substrates by human kidney slices.

Activation of the death receptor pathway of apoptosis by the aldehyde acrolein.

Rotenone and MPP⁺ preferentially redistribute apoptosis-inducing factor in apoptotic dopamine neurons.

Trimethylamine oxide suppresses stress-induced alteration of organic anion transport in choroid plexus.

Ethanol and acetaldehyde: in vivo quantitation and effects on cholinergic function in rat brain.

Agmatine transport into spinal nerve terminals is modulated by polyamine analogs.

Iron deficiency anemia in infancy is associated with altered temporal organization of sleep states in childhood.

Arsenic inhibits neurofilament transport and induces perikaryal accumulation of phosphorylated neurofilaments: roles of JNK and GSK-3beta.

Autism: transient in utero hypothyroxinemia related to maternal flavonoid ingestion during pregnancy and to other environmental antithyroid agents.

Endoplasmic reticulum stress is involved in arsenite-induced oxidative injury in rat brain.

Differential effects of quercetin and silymarin on arsenite-induced cytotoxicity in two human breast adenocarcinoma cell lines.

Arsenic neurotoxicity--a review.

Effects of dinoseb on energy reserves in the soil arthropod *Folsomia candida*.

Cortical spreading depression releases ATP into the extracellular space and purinergic receptor activation contributes to the induction of ischemic tolerance.

Randomized trial of early versus late enteral iron supplementation in infants with a birth weight of less than 1301 grams: neurocognitive development at 5.3 years' corrected age.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the developing male Wistar(Han) rat. I: No decrease in epididymal sperm count after a single acute dose.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the developing male Wistar(Han) rat. II: Chronic dosing causes developmental delay.

Effects of maternal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on fetal brain growth and motor and behavioral development in offspring rats.

Perinatal co-exposure to methylmercury and PCB153 or PCB126 in rats alters the cerebral cholinergic muscarinic receptors at weaning and puberty.

Goserelin acetate 10.8 mg plus iron versus iron monotherapy prior to surgery in premenopausal women with iron-deficiency anemia due to uterine leiomyomas: results from a Phase III, randomized, multicenter, double-blind, controlled trial.

Chronic brain cytochrome oxidase inhibition selectively alters hippocampal cholinergic innervation and impairs memory: prevention by ladostigil.

Artificial sweeteners and salts producing a metallic taste sensation activate TRPV1 receptors.

Imatinib mesylate inhibits cell invasion of malignant peripheral nerve sheath tumor induced by platelet-derived growth factor-BB.

Temporal and spatial profiles of cell loss after spinal cord injury: Reduction by a metalloporphyrin.

Polychlorinated biphenyls modulated tumorigenesis in Sprague Dawley rats: correlation with mixed function oxidase activities and superoxide (O_2^*) formation potentials and implied mode of action.

Mitochondrial respiratory inhibition and oxidative stress elevate beta-secretase (BACE1) proteins and activity in vivo in the rat retina.

Transplacental arsenic carcinogenesis in mice.

Cyclic AMP enhancers and Abeta oligomerization blockers as potential therapeutic agents in Alzheimer's disease.

Pulmonary epithelial cell differentiation in the nitrofen-induced congenital diaphragmatic hernia.

Sodium selenite induces superoxide-mediated mitochondrial damage and subsequent autophagic cell death in malignant glioma cells.

Association of serum concentrations of persistent organic pollutants with the prevalence of learning disability and attention deficit disorder.

Subchronic feeding study of DAS-59122-7 maize grain in Sprague-Dawley rats.

[Phyt'attitude: network for toxicovigilance in agriculture].

Oxidative stress kills human primary oligodendrocytes via neutral sphingomyelinase: implications for multiple sclerosis.

The menace of endocrine disruptors on thyroid hormone physiology and their impact on intrauterine development.

Dihydroartemisinin exerts cytotoxic effects and inhibits hypoxia inducible factor-1alpha activation in C6 glioma cells.

Effects of 3-methyl-4-nitrophenol in diesel exhaust particles on the regulation of reproductive function in immature female Japanese quail (*Coturnix japonica*).

Preliminary morphological and morphometric study of rat cerebellum following sodium arsenite exposure during rapid brain growth (RBG) period.

Post-Injury Administration of Mitochondrial Uncouplers Increases Tissue Sparing and Improves Behavioral Outcome following Traumatic Brain Injury in Rodents.

Inhibiting glycosphingolipid synthesis improves glycemic control and insulin sensitivity in animal models of type 2 diabetes.

Yeast NDI1 improves oxidative phosphorylation capacity and increases protection against oxidative stress and cell death in cells carrying a Leber's hereditary optic neuropathy mutation.

Effects of low-level arsenic exposure on the developmental toxicity of anilofos in rats.

A gene-environment study of the paraoxonase 1 gene and pesticides in amyotrophic lateral sclerosis.

Antipsychotics for delirium.

Visual diagnosis: an adolescent who has fever, joint pain, a rash, and "blacking out" episodes.

The gestational environment and Parkinson's disease: evidence for neurodevelopmental origins of a neurodegenerative disorder.

In utero arsenic exposure induces early onset of atherosclerosis in ApoE^{-/-} mice.

Long-term effects of subcutaneously injected 2,3,7,8-tetrachlorodibenzo-p-dioxin on the liver of rhesus monkeys.

Thirteen week feeding study with transgenic maize grain containing event DAS-Å~15Å~7-1 in Sprague-Dawley rats.

Different states of energy metabolism in the vertebrate retina can be identified by stimulus-related changes in near UV transmission.

Medical countermeasure against respiratory toxicity and acute lung injury following inhalation exposure to chemical warfare nerve agent VX.

Magnetic resonance for evaluation of toxic encephalopathies: implications from animal experiments.

New approach to risk assessment of central neurotoxicity induced by 1-bromopropane using animal models.

Rationale and design of the IRON-HF study: a randomized trial to assess the effects of iron supplementation in heart failure patients with anemia.

Neurological and neurophysiological examinations on workers with chronic poisoning by 2,3,7,8-TCDD: follow-up 35 years after exposure.

The aryl hydrocarbon receptor inhibits prostate carcinogenesis in TRAMP mice.

P-selectin mediates metastatic progression through binding to sulfatides on tumor cells.

ATP depletion does not account for apoptosis induced by inhibition of mitochondrial electron transport chain in human dopaminergic cells.

Transcriptional control of energy homeostasis through the PGC1 coactivators.

In vitro mitigation of arsenic toxicity by tea polyphenols in human lymphocytes.

Transcriptional control of mitochondrial energy metabolism through the PGC1 coactivators.

Reproductive disorders associated with pesticide exposure.

[Sodium azide--clinical course of the poisoning and treatment].

Analgesic, antipyretic and anti-inflammatory properties of *Mezoneuron benthamianum* Baill (Caesalpinaceae).

Interactions among infections, nutrients and xenobiotics.

Design and synthesis of some new thiazolo [3,2-b]-1,2,4-triazole-5(6H)-ones substituted with flurbiprofen as anti-inflammatory and analgesic agents.

Altered subcellular distribution of the Alzheimer's amyloid precursor protein under stress conditions.

Involvement of substance P and neurogenic inflammation in arsenic-induced early vascular dysfunction.

Taurine release in mouse brain stem slices under cell-damaging conditions.

Environmental and host-associated risk factors in endometriosis and deep endometriotic nodules: a matched case-control study.

SLV313 (1-(2,3-dihydro-benzo[1,4]dioxin-5-yl)-4-[5-(4-fluoro-phenyl)-pyridin-3-ylmethyl]-piperazine monohydrochloride): a novel dopamine D2 receptor antagonist and 5-HT1A receptor agonist potential antipsychotic drug.

Association of thyroid hormone concentrations with levels of organochlorine compounds in cord blood of neonates.

Phytanic acid impairs mitochondrial respiration through protonophoric action.

Constitutive mRNA expression of various glutathione S-transferase isoforms in different tissues of mice.

Biochemical characterization of ecto-nucleotide pyrophosphatase/phosphodiesterase (E-NPP, E.C. 3.1.4.1) from rat heart left ventricle.

Mitochondrial swelling impairs the transport of organelles in cerebellar granule neurons.

Salt tolerance requires cortical microtubule reorganization in Arabidopsis.

Age-dependent telomere-shortening is repressed by phosphorylated alpha-tocopherol together with cellular longevity and intracellular oxidative-stress reduction in human brain microvascular endotheliocytes.

An Optical Biosensor based on Immobilization of Laccase and MBTH in Stacked Films for the Detection of Catechol.

Neuroprotective actions of 2,4-dinitrophenol: Friend or foe?

Bursts of potential elicited by d-amphetamine in central snail neuron: effect of sodium azide.

Drosophila DJ-1 mutants are sensitive to oxidative stress and show reduced lifespan and motor deficits.

Protective effects of several components of *Gastrodia elata* on lipid peroxidation in gerbil brain homogenates.

Activation of phosphoinositide-3 kinase/Akt pathway by FeSO₄ in rat cerebral cortex synaptic endings.

Early maturation of gonadotropin-releasing hormone secretion and sexual precocity after exposure of infant female rats to estradiol or dichlorodiphenyltrichloroethane.

[Enhancement of biodegradation of 4-chlorophenol during co-metabolic process by immobilized-cells of *Pseudomonas putida*].

Contaminants in fish: risk-benefit considerations.

An angiotensin II type-I receptor blocker, olmesartan medoxomil, attenuates lipid peroxidation in renal injury induced by subtotal nephrectomy.

Isoproterenol hydrochloride augments collagen proliferation and ATPase activity in mice soleus and EDL muscles.

Melatonin attenuates arsenite-induced apoptosis in rat brain: involvement of mitochondrial and endoplasmic reticulum pathways and aggregation of alpha-synuclein.

Modulation of TASK-like background potassium channels in rat arterial chemoreceptor cells by intracellular ATP and other nucleotides.

A new bioluminescent cellular assay to measure the transcriptional effects of chemicals that modulate the alpha-1 thyroid hormone receptor.

The mode of action of thidiazuron: auxins, indoleamines, and ion channels in the regeneration of *Echinacea purpurea* L.

Functional ryanodine receptors are expressed by human microglia and THP-1 cells: Their possible involvement in modulation of neurotoxicity.

Hemodynamic consequences of chronic parasympathetic blockade with a peripheral muscarinic antagonist.

In vitro and in vivo characterization of [3H]CNS-5161--a use-dependent ligand for the N-methyl-D-aspartate receptor in rat brain.

Short-term hormone release from adult female rat hypothalamic and pituitary explants is not altered by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Cellular thiol pools are responsible for sequestration of cytotoxic reactive aldehydes: central role of free cysteine and cysteamine.

Functional and morphological effects of repeated sodium arsenite exposure on rat peripheral sensory nerves.

[Study on the interaction between the skin detoxifying enzyme glutathione S-transferase and the substances listed in the CE/39/2000 rules with the "skin" annotation, finalized to the biological monitoring of exposed subjects].

Gonadotropin-releasing hormone neurons express estrogen receptor-beta.

Towards improved artificial lungs through biocatalysis.

Sodium arsenite affects Na⁺ transport in the isolated skin of the toad *Pleurodema thaul*.

Toxicological characterization of 2,4,6-trinitrotoluene, its transformation products, and two nitramine explosives.

Glutamate release from activated microglia requires the oxidative burst and lipid peroxidation.

Nonintegrin laminin receptor precursor protein is expressed on olfactory stem and progenitor cells.

Closing of venus flytrap by electrical stimulation of motor cells.

Excessive expression of the plant kinesin TBK5 converts cortical and perinuclear microtubules into a radial array emanating from a single focus.

Mechanisms of sodium azide-induced changes in intracellular calcium concentration in rat primary cortical neurons.

Reproductive functions and hypothalamic catecholamines in response to the soil fumigant metam sodium: adaptations to extended exposures.

N-methyltetrahydro-beta-carboline analogs of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) neurotoxin are oxidized to neurotoxic beta-carbolinium cations by heme peroxidases.

Effects of brominated flame retardants and brominated dioxins on steroidogenesis in H295R human adrenocortical carcinoma cell line.

Neuroprotection from secondary injury by polyethylene glycol requires its internalization.

Molecular characterization and tissue distribution of aryl hydrocarbon receptor nuclear translocator isoforms, ARNT1 and ARNT2, and identification of novel splice variants in common cormorant (*Phalacrocorax carbo*).

Risk assessment of dioxins and dioxin-like PCBs in food--comments by the German Federal Environmental Agency.

TCDD alters PKC signaling pathways in developing neuronal cells in culture.

Angiotensin II inhibits the ROMK-like small conductance K channel in renal cortical collecting duct during dietary potassium restriction.

Arabidopsis MICROTUBULE-ASSOCIATED PROTEIN18 functions in directional cell growth by destabilizing cortical microtubules.

Stearic acid protects primary cultured cortical neurons against oxidative stress.

Translocation of PKC-beta11 is mediated via RACK-1 in the neuronal cells following dioxin exposure.

Optimisation of the separation of herbicides by linear gradient high performance liquid chromatography utilising artificial neural networks.

Effect of 2,4-dinitrophenol under non-oxygenated condition in pons-medulla-spinal cord preparations in newborn rats: comparison with medulla-spinal cord preparations.

Resveratrol protects dopaminergic neurons in midbrain slice culture from multiple insults.

A hetero-core structured fiber optic pH sensor.

Sublethal effects of two neurotoxic insecticides on *Araneus pratensis* (Araneae: Araneidae).

Oxidative DNA damage in mild cognitive impairment and late-stage Alzheimer's disease.

Effects of combined administration of captopril and DMSA on arsenite induced oxidative stress and blood and tissue arsenic concentration in rats.

Anesthetic implications of a near-lethal sodium azide exposure.

EU biotech crop regulations and environmental risk: a case of the emperor's new clothes?

Control of the autophagy maturation step by the MAPK ERK and p38: lessons from environmental carcinogens.

Influence on mitochondria and cytotoxicity of different antibiotics administered in high concentrations on primary human osteoblasts and cell lines.

Vulnerability of neurons with mitochondrial dysfunction to oxidative stress is associated with down-regulation of thioredoxin.

Aryl hydrocarbon receptor activation impairs extracellular matrix remodeling during zebra fish fin regeneration.

Lipoic acid as a novel treatment for Alzheimer's disease and related dementias.

Neurotoxicity assessment using zebrafish.

Herbicide exposure modifies GSTP1 haplotype association to Parkinson onset age: the GenePD Study.

Acrolein induces vasodilatation of rodent mesenteric bed via an EDHF-dependent mechanism.

Intrastriatal infusion of the Parkinsonian neurotoxin, MPP(+), induces damage of striatal cell nuclei in Sprague-Dawley rats.

Paraquat exposure as an etiological factor of Parkinson's disease.

Aldehyde load in ischemia-reperfusion brain injury: neuroprotection by neutralization of reactive aldehydes with phenelzine.

Comparative cytotoxicity ofalachlor on RTG-2 trout and SH-SY5Y human cells.

Toxicity assessment of metabolites of fungal biocontrol agents using two different (*Artemia salina* and *Daphnia magna*) invertebrate bioassays.

Assessing the effects of the three herbicides acetochlor, 2,4,5-trichlorophenoxyacetic acid (2,4,5-T) and 2,4-dichlorophenoxyacetic acid on the compound action potential of the sciatic nerve of the frog (*Rana ridibunda*).

Evaluation of the effect of acetochlor on thyroid hormone receptor gene expression in the brain and behavior of *Rana catesbeiana* tadpoles.

Changes in juvenile coho salmon electro-olfactogram during and after short-term exposure to current-use pesticides.

Effect of glyphosate herbicide on acetylcholinesterase activity and metabolic and hematological parameters in piava (*Leporinus obtusidens*).

Superoxide dismutase 1 protects retinal cells from oxidative damage.

Decreased susceptibility to oxidative stress underlies the resistance of specific dopaminergic cell populations to paraquat-induced degeneration.

Evaluation of the methoxytriazine herbicide prometon using a short-term fathead minnow reproduction test and a suite of in vitro bioassays.

Temporal effects of paraquat/maneb on microglial activation and dopamine neuronal loss in older rats.

Low concentrations of paraquat induces early activation of extracellular signal-regulated kinase 1/2, protein kinase B, and c-Jun N-terminal kinase 1/2 pathways: role of c-Jun N-terminal kinase in paraquat-induced cell death.

DNA damage and repair in haemolymph cells of golden mussel (*Limnoperna fortunei*) exposed to environmental contaminants.

The relative sensitivity of growth and reproduction in the springtail, *Folsomia candida*, exposed to xenobiotics in the laboratory: an indicator of soil toxicity.

Econazole attenuates cytotoxicity of 1-methyl-4-phenylpyridinium by suppressing mitochondrial membrane permeability transition.

Tamoxifen protect against hydroxyl radical generation induced by phenelzine in rat striatum.

Status of antioxidant defense system and expression of toxicant responsive genes in striatum of maneb- and paraquat-induced Parkinson's disease phenotype in mouse: mechanism of neurodegeneration.

Pesticide assessment: Protecting public health on the home turf.

Endocrine disrupting chemical atrazine causes degranulation through Gq/11 protein-coupled neurosteroid receptor in mast cells.

TRPA1 mediates the inflammatory actions of environmental irritants and proalgesic agents.

Neuregulin 1-Beta cytoprotective role in AML 12 mouse hepatocytes exposed to pentachlorophenol.

The potentiating effects of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) on paraquat-induced neurochemical and behavioral changes in mice.

Effects of the herbicides Roundup and Avans on *Euglena gracilis*.

Effects of insect growth regulators on the nontarget soil arthropod *Folsomia candida* (Collembola).

Neural repair strategies for Parkinson's disease: insights from primate models.

Progressive dopamine neuron loss in Parkinson's disease: the multiple hit hypothesis.

[Fatal poisoning caused by the ingestion of a concentrated solution of 2,4-D and MCPP].

The endocrine disruptor atrazine accounts for a dimorphic somatostatinergic neuronal expression pattern in mice.

Neuroglobin and cytoglobin overexpression protects human SH-SY5Y neuroblastoma cells against oxidative stress-induced cell death.

Contrasting genome-wide distribution of 8-hydroxyguanine and acrolein-modified adenine during oxidative stress-induced renal carcinogenesis.

PEP-1-SOD fusion protein efficiently protects against paraquat-induced dopaminergic neuron damage in a Parkinson disease mouse model.

Degeneration of dopaminergic mesocortical neurons and activation of compensatory processes induced by a long-term paraquat administration in rats: implications for Parkinson's disease.

Analgesia mediated by the TRPM8 cold receptor in chronic neuropathic pain.

Mutational analysis of DJ-1 in Drosophila implicates functional inactivation by oxidative damage and aging.

Increased levels of 4-hydroxynonenal and acrolein, neurotoxic markers of lipid peroxidation, in the brain in Mild Cognitive Impairment and early Alzheimer's disease.

[Physiological functions of polyamines and regulation of polyamine content in cells].

Oxidative stress in head trauma in aging.

Curcumin protects PC12 cells against 1-methyl-4-phenylpyridinium ion-induced apoptosis by bcl-2-mitochondria-ROS-iNOS pathway.

Transduced Tat-alpha-synuclein protects against oxidative stress in vitro and in vivo.

Cinnamaldehyde reduces IL-1beta-induced cyclooxygenase-2 activity in rat cerebral microvascular endothelial cells.

Crotonaldehyde accumulates in glial cells of Alzheimer's disease brain.

Neuromelanin induces oxidative stress in mitochondria through release of iron: mechanism behind the inhibition of 26S proteasome.

Hyperbaric oxygen preconditioning induces tolerance against spinal cord ischemia by upregulation of antioxidant enzymes in rabbits.

6-Hydroxydopamine but not 1-methyl-4-phenylpyridinium abolishes alpha-synuclein anti-apoptotic phenotype by inhibiting its proteasomal degradation and by promoting its aggregation.

Endogenous plastic composite material in the Alzheimer's brain.

Differential regulation of c-jun and CREB by acrolein and 4-hydroxynonenal.

Acute administration of 3-nitropropionic acid, a reactive oxygen species generator, boosts ethanol-induced locomotor stimulation. New support for the role of brain catalase in the behavioural effects of ethanol.

2-methoxycinnamaldehyde reduces IL-1beta-induced prostaglandin production in rat cerebral endothelial cells.

Enhancement of tyrosine hydroxylase expression and activity by Trypanosoma cruzi parasite-derived neurotrophic factor.

[Effect of 2-methoxycinnamaldehyde on activity of COX and PGE2 release in cerebral microvascular endothelial cells stimulated by IL-1].

Acrolein-mediated mechanisms of neuronal death.

Hydralazine rescues PC12 cells from acrolein-mediated death.

Contractile mechanisms coupled to TRPA1 receptor activation in rat urinary bladder.

Cytosolic and localized inhibition of phosphodiesterase by atrazine in swine tissue homogenates.

Rosiglitazone relieves acute ethanol-induced hangover in Sprague-Dawley rats.

Ceramide is a mediator of apoptosis in retina photoreceptors.

Cardiovascular responses produced by central injection of hydrogen peroxide in conscious rats.

Effects of chemical ischemia on cerebral cortex slices: focus on mitogen-activated protein kinase cascade.

Mothball withdrawal encephalopathy: case report and review of paradichlorobenzene neurotoxicity.

[Disulfiram-induced delirium: a case report].

[Peripheral neuropathy induced by acute methyl bromide skin exposure: a case report].

Pharmacologic and functional characterization of malignant hyperthermia in the R163C RyR1 knock-in mouse.

Sigma-1 receptor activation prevents intracellular calcium dysregulation in cortical neurons during in vitro ischemia.

Gestational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure effects on sensory cortex function.

Lipid oxidative damage and distribution of inorganic arsenic and its metabolites in the rat nervous system after arsenite exposure: influence of alpha tocopherol supplementation.

Aryl hydrocarbon receptor activation impairs the priming but not the recall of influenza virus-specific CD8+ T cells in the lung.

Blocking expression of AHR2 and ARNT1 in zebrafish larvae protects against cardiac toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Clusterin up-regulation following sub-lethal oxidative stress and lipid peroxidation in human neuroblastoma cells.

Effects of iron deficiency versus iron deficiency anemia on brainstem auditory evoked potentials in infancy.

Mental health status of municipal solid waste incinerator workers compared with local government office workers.

Carcinogenicity of "non-dioxinlike" polychlorinated biphenyls.

Today's epidemics in children: possible relations to environmental pollution and suggested preventive measures.

Erythropoietin depletes iron stores: antioxidant neuroprotection for ischemic stroke?

Pathological circumstances impair the ability of "dark" neurons to undergo spontaneous recovery.

Over-expression of AhR (aryl hydrocarbon receptor) induces neural differentiation of Neuro2a cells: neurotoxicology study.

Geographic model and biomarker-derived measures of pesticide exposure and Parkinson's disease.

The therapeutic effect of tissue cultured root of wild Panax ginseng C.A. Mayer on spermatogenic disorder.

Novel functional association of serine palmitoyltransferase subunit 1-A peptide in sphingolipid metabolism with cytochrome P4501A1 transactivation and proliferative capacity of the human Glioma LN18 brain tumor cell line.

Association of 24-hour activity levels with the clinical severity of chronic venous disease.

Potentiating effect of the ATP-sensitive potassium channel blocker glibenclamide on complex I inhibitor neurotoxicity in vitro and in vivo.

Decreased nitric oxide production in the rat brain after chronic arsenic exposure.

Iron contributes to dopamine-induced toxicity in oligodendrocyte progenitors.

Cell death, caspase activation, and HMGB1 release of porcine choroid plexus epithelial cells during Streptococcus suis infection in vitro.

[Immunization with cellulose-immobilized antigens. The development of A. E. Gurvitch concept].

Antibacterial, antifungal and anticonvulsant evaluation of novel newly synthesized 1-[2-(1H-tetrazol-5-yl)ethyl]-1H-benzo[d][1,2,3]triazoles.

Angiotensin-converting enzyme inhibitors slow recovery from anemia following cardiac surgery.

Arsenic speciation transported through the placenta from mother mice to their newborn pups.

In vitro stability of insulin lispro in continuous subcutaneous insulin infusion.

The aryl hydrocarbon receptor pathway and sexual differentiation of neuroendocrine functions.

Perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin suppresses contextual fear conditioning-accompanied activation of cyclic AMP response element-binding protein in the hippocampal CA1 region of male rats.

[Effect of prepared Polygonum multiflorum on striatum extracellular acetylcholine and choline in rats of intracerebral perfusion with sodium azide].

Effects of prenatal exposure to polychlorinated biphenyls and dioxins on mental and motor development in Japanese children at 6 months of age.

The binding of 2,4-dinitrophenol to wild-type and amyloidogenic transthyretin.

Acute hypoxia-ischemia results in hydrogen peroxide accumulation in neonatal but not adult mouse brain.

Diffuse lesion in the splenium of the corpus callosum in patients with methyl bromide poisoning.

Oxidation of myosin heavy chain and reduction in force production in hyperthyroid rat soleus.

Effect of *Centella asiatica* on arsenic induced oxidative stress and metal distribution in rats.

Overview of exposure, toxicity, and risks to children from current levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds in the USA.

Microtubules are more stable and more highly acetylated in ethanol-treated hepatic cells.

Motor stimulant effects of ethanol injected into the substantia nigra pars reticulata: importance of catalase-mediated metabolism and the role of acetaldehyde.

Oxidative damage of DJ-1 is linked to sporadic Parkinson and Alzheimer diseases.

Effects of herbimycin A in the pilocarpine model of temporal lobe epilepsy.

Loss of glial lazaro, a homolog of apolipoprotein D, reduces lifespan and stress resistance in *Drosophila*.

Adverse health effects in humans exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

[Thyroid C cells are decreased in experimental CDH].

Novel neuroprotective, neuritogenic and anti-amyloidogenic properties of 2,4-dinitrophenol: the gentle face of Janus.

Clinical and experimental applications of NIR-LED photobiomodulation.

The rise and fall of borax as an antiepileptic drug.

The early embryo loss caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin may be related to the accumulation of this compound in the uterus.

Bothrops moojeni myotoxin-II, a Lys49-phospholipase A2 homologue: an example of function versatility of snake venom proteins.

Blockade of intracellular calcium release induces an antidepressant-like effect in the mouse forced swimming test.

Effects of dimethylsulphoxide on mice arsenite-induced dysmorphogenesis in embryo culture and cytotoxicity in embryo cells.

Vitamin A improves Pax3 expression that is decreased in the heart of rats with experimental diaphragmatic hernia.

Pesticides and Parkinson's disease--is there a link?

Neuroprotective effects of stearic acid against toxicity of oxygen/glucose deprivation or glutamate on rat cortical or hippocampal slices.

Genetic differences in lethality of newborn mice treated in utero with coplanar versus non-coplanar hexabromobiphenyl.

Sympathetic and parasympathetic component of bradycardia triggered by stimulation of NTS P2X receptors.

Assessing neuroprotection in Parkinson's disease: from the animal models to molecular neuroimaging in vivo.

Parkinson's disease and pesticide exposures.

NF-kappaB-associated MnSOD induction protects against beta-amyloid-induced neuronal apoptosis.

Divergent risk of multiple sclerosis in two anabaptist communities in America.

Small molecule inhibitors of lysozyme amyloid aggregation.

Effects of 2,4-dinitrophenol on ischemia-induced blood-brain barrier disruption.

Occupational determinants of cryptogenic polyneuropathy.

CXCL12 is displayed by rheumatoid endothelial cells through its basic amino-terminal motif on heparan sulfate proteoglycans.

[Exposure to endocrine disrupting chemicals and children's health: problems in epidemiological studies].

Arsenic-induced cell death in liver and brain of experimental rats.

Effects of caffeine, halothane, and 4-chloro-m-cresol on skeletal muscle lactate and pyruvate in malignant hyperthermia-susceptible and normal swine as assessed by microdialysis.

Expression of Connexin 43 in the hearts of rat embryos exposed to nitrofen and effects of vitamin A on it.

Beta-amyloid and oxidative stress jointly induce neuronal death, amyloid deposits, gliosis, and memory impairment in the rat brain.

Sex-specific alterations of cerebral cortical cell size in rats exposed prenatally to dioxin.

Increased manganese uptake by primary astrocyte cultures with altered iron status is mediated primarily by divalent metal transporter.

Inhibition of MAPK stimulates the Ca²⁺-dependent big-conductance K channels in cortical collecting duct.

Association between the levels of biogenic amines and superoxide anion production in brain regions of rats after subchronic exposure to TCDD.

Odorant identification and quality perception following methyl bromide-induced lesions of the olfactory epithelium.

Molecular interactions of arabinogalactan proteins with cortical microtubules and F-actin in Bright Yellow-2 tobacco cultured cells.

Synaptic cysteine sulfhydryl groups as targets of electrophilic neurotoxicants.

Role of the medial prefrontal cortex in cardiovascular responses to acute restraint in rats.

Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in developing red seabream (*Pagrus major*) embryo: an association of morphological deformities with AHR1, AHR2 and CYP1A expressions.

Alterations in calcium homeostasis reduce membrane excitability in amphibian skeletal muscle.

Metabolism of dopamine by the nasal mucosa.

Chitosan-based tyrosinase optical phenol biosensor employing hybrid nafion/sol-gel silicate for MBTH immobilization.

The bHLH-PAS protein Spineless is necessary for the diversification of dendrite morphology of *Drosophila* dendritic arborization neurons.

Fluorophore-assisted light inactivation produces both targeted and collateral effects on N-type calcium channel modulation in rat sympathetic neurons.

Impaired volume regulation is the mechanism of excitotoxic sensitization to complement.

Acetylcholinesterase inhibition and gill lesions in *Rasbora caverii*, an indigenous fish inhabiting rice field associated waterbodies in Sri Lanka.

Mitogen-activated protein kinases inhibit the ROMK (Kir 1.1)-like small conductance K channels in the cortical collecting duct.

Oxidative stress reveals heterogeneity of FMRP granules in PC12 cell neurites.

Exposure to PCB 77 induces tissue-dependent changes in iodothyronine deiodinase activity patterns in the embryonic chicken.

[Effects of agonists and antagonists of ryanodine receptors on potassium contractures in twitch and tonic frog skeletal muscle fibers].

Effect of sodium azide on the metabolic activity of cultured fetal cells.

Effects of pesticides on soil invertebrates in model ecosystem and field studies: a review and comparison with laboratory toxicity data.

Biochemical activity of reactive oxygen species scavengers do not predict retinal ganglion cell survival.

Enzymatic mechanisms of ethanol oxidation in the brain.

Roles of cellular activation and sulfated glycans in *Haemophilus somnus* adherence to bovine brain microvascular endothelial cells.

Genome-wide screening of dioxin-responsive genes in fetal brain: bioinformatic and experimental approaches.

C-Reactive protein upregulates receptor for advanced glycation end products expression in human endothelial cells.

Kinesin-5 motors are required for organization of spindle microtubules in *Silvetia compressa* zygotes.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (gavage studies).

Aryl hydrocarbon receptor activation produces heart-specific transcriptional and toxic responses in developing zebrafish.

Selection of a battery of rapid toxicity sensors for drinking water evaluation.

Zebrafish as a model for developmental neurotoxicity testing.

Cortical microtubule arrays lose uniform alignment between cells and are oryzalin resistant in the *Arabidopsis* mutant, radially swollen 6.

Enhanced xenobiotic-induced hepatotoxicity and Kupffer cell activation by restraint-induced stress.

Impairment of testicular function in adult male Japanese quail (*Coturnix japonica*) after a single administration of 3-methyl-4-nitrophenol in diesel exhaust particles.

Antiparasitic activity of flavonoids and isoflavones against *Cryptosporidium parvum* and *Encephalitozoon intestinalis*.

Systemic and myelotoxic effects of single administration of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

Dioxin effects on neonatal and infant thyroid function: routes of perinatal exposure, mechanisms of action and evidence from epidemiology studies.

Historical approaches to post-combat disorders.

Analytical methods for trace levels of reactive carbonyl compounds formed in lipid peroxidation systems.

Pesticide mixtures, endocrine disruption, and amphibian declines: are we underestimating the impact?

The opening effect of pregabalin on ATP-sensitive potassium channels in differentiated hippocampal neuron-derived H19-7 cells.

Assessment by c-Fos immunostaining of changes in brain neural activity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and leptin in rats.

Sodium azide dilates coronary arterioles via activation of inward rectifier K⁺ channels and Na⁺-K⁺-ATPase.

Cytochrome P450 Cyp4x1 is a major P450 protein in mouse brain.

The effects of ellagic acid and vitamin E succinate on antioxidant enzymes activities and glutathione levels in different brain regions of rats after subchronic exposure to TCDD.

Acute depletion of reduced glutathione causes extensive carbonylation of rat brain proteins.

Epo protects SOD2-deficient mouse astrocytes from damage by oxidative stress.

Effects of chronic exposure to sodium arsenite on hypothalamo-pituitary-testicular activities in adult rats: possible an estrogenic mode of action.

Functional changes in bladder tissue from type III collagen-deficient mice.

Phospholipase A2, reactive oxygen species, and lipid peroxidation in cerebral ischemia.

Transport of carbamazepine and drug interactions at blood-brain barrier.

2-Deoxyglucose and NMDA inhibit protein synthesis in neurons and regulate phosphorylation of elongation factor-2 by distinct mechanisms.

Recent female mouse models displaying advanced reproductive aging.

Cell cycle inhibition by sodium arsenite in primary embryonic rat midbrain neuroepithelial cells.

Loss of mitochondrial membrane potential is associated with increase in mitochondrial volume: physiological role in neurones.

Quantifying the working stroke of tetrathiafulvalene-based electrochemically-driven linear motor-molecules.

Scanning cysteine mutagenesis analysis of Abeta-(1-40) amyloid fibrils.

Enhanced functional maturation of fetal porcine hepatocytes in three-dimensional poly-L-lactic acid scaffolds: a culture condition suitable for engineered liver tissues in large-scale animal studies.

670 nanometer light treatment attenuates dioxin toxicity in the developing chick embryo.

Basic fibroblast growth factor promotes melanocyte migration via increased expression of p125(FAK) on melanocytes.

Some chemical contaminant of surface sediments at the Baltic Sea coastal region with special emphasis on androgenic and anti-androgenic compounds.

Co-administration of zinc and n-acetylcysteine prevents arsenic-induced tissue oxidative stress in male rats.

Dopamine-beta-hydroxylase immunohistochemical study in the locus coeruleus of neonate rats exposed to 2,4-dichlorophenoxyacetic acid through mother's milk.

The good, the bad, and the ugly: weighing the risks and benefits of seafood consumption.

[Simultaneous quantitative analysis of three kinds of phenols by Elman recurrent neural network].

[¹¹C]SMe-ADAM, an imaging agent for the brain serotonin transporter: synthesis, pharmacological characterization and microPET studies in rats.

CYP2A5-mediated activation and early ultrastructural changes in the olfactory mucosa: studies on 2,6-dichlorophenyl methylsulfone.

Tyrosine kinase and mitogen-activated protein kinase/extracellularly regulated kinase differentially regulate intracellular calcium concentration responses to angiotensin II/III and bradykinin in rat cortical thick ascending limb.

Transduced human copper chaperone for Cu,Zn-SOD (PEP-1-CCS) protects against neuronal cell death.

Improved empirical models describing hormesis.

Heat shock proteins protect both MPP(+) and paraquat neurotoxicity.

The bipyridyl herbicide paraquat produces oxidative stress-mediated toxicity in human neuroblastoma SH-SY5Y cells: relevance to the dopaminergic pathogenesis.

Effects of prenatal paraquat and mancozeb exposure on amino acid synaptic transmission in developing mouse cerebellar cortex.

A rapid, physiologic protocol for testing transcriptional effects of thyroid-disrupting agents in premetamorphic *Xenopus* tadpoles.

Systemic exposure to paraquat and maneb models early Parkinson's disease in young adult rats.

Paraquat neurotoxicity is distinct from that of MPTP and rotenone.

Variation in the response of the invasive species *Potamopyrgus antipodarum* (Smith) to natural (cyanobacterial toxin) and anthropogenic (herbicide atrazine) stressors.

Functional and structural impact of linuron on a freshwater community of primary producers: the use of immobilized algae.

Paraquat-induced Fanconi syndrome.

Effects of different soil types on the Collembolans *Folsomia candida* and *Hypogastrura assimilis* using the herbicide Phenmedipham.

Evaluation of epidemiologic and animal data associating pesticides with Parkinson's disease.

Neuroprotective effects of *Polygonum multiflorum* on nigrostriatal dopaminergic degeneration induced by paraquat and maneb in mice.

Effects of atrazine on metamorphosis, growth, laryngeal and gonadal development, aromatase activity, and sex steroid concentrations in *Xenopus laevis*.

[Effects of different doses of levodopa on paraquat-induced neurotoxicity: an experiment with mice].

Roles of *Drosophila* DJ-1 in survival of dopaminergic neurons and oxidative stress.

Drosophila DJ-1 mutants are selectively sensitive to environmental toxins associated with Parkinson's disease.

A slowly developing dysfunction of dopaminergic nigrostriatal neurons induced by long-term paraquat administration in rats: an animal model of preclinical stages of Parkinson's disease?

Effect of metals on herbicides-alpha-synuclein association: a possible factor in neurodegenerative disease studied by capillary electrophoresis.

Developmental pesticide models of the Parkinson disease phenotype.

The parkinsonism producing neurotoxin MPP+ affects microtubule dynamics by acting as a destabilising factor.

Paraquat induces selective dopaminergic nigrostriatal degeneration in aging C57BL/6 mice.

Melatonin protects against MPTP/MPP+ -induced mitochondrial DNA oxidative damage in vivo and in vitro.

Immunotoxic effects of short-term atrazine exposure in young male C57BL/6 mice.

Granulocyte colony-stimulating factor is not protective against selective dopaminergic cell death in vitro.

Effects of the herbicides clomazone, quinclorac, and metsulfuron methyl on acetylcholinesterase activity in the silver catfish (*Rhamdia quelen*) (Heptapteridae).

Cell type-specific gene expression of midbrain dopaminergic neurons reveals molecules involved in their vulnerability and protection.

Atrazine and the hypothalamo-pituitary-gonadal axis in sexually maturing precocial birds: studies in male Japanese quail.

Sustained exposure to the widely used herbicide atrazine: altered function and loss of neurons in brain monoamine systems.

The role of microglia in paraquat-induced dopaminergic neurotoxicity.

Toxicity of redox cycling pesticides in primary mesencephalic cultures.

Role of oxidative stress in paraquat-induced dopaminergic cell degeneration.

A risk assessment of atrazine use in California: human health and ecological aspects.

Effects on weed and invertebrate abundance and diversity of herbicide management in genetically modified herbicide-tolerant winter-sown oilseed rape.

Pax3 mRNA is decreased in the hearts of rats with experimental diaphragmatic hernia.

Acute exposure to molinate alters neuroendocrine control of ovulation in the rat.

Black-bellied whistling duck (*Dendrocygna autumnalis*) brain cholinesterase characterization and diagnosis of anticholinesterase pesticide exposure in wild populations from Mexico.

Poisoning due to urea herbicides.

Herbicides and nitrates in groundwater of Maryland and childhood cancers: a geographic information systems approach.

Application of an artificial sea salt solution to determine acute toxicity of herbicides to *Proisotoma minuta* (Collembola).

Arsenic-induced micronuclei formation in mammalian cells and its counteraction by tea.

Effects of herbicide and insecticide interaction on soil entomofauna under maize crop.

Operator exposure when applying amenity herbicides by all-terrain vehicles and controlled droplet applicators.

Neuropathological studies on cycloate-induced neuronal cell death in the rat brain.

Similar patterns of mitochondrial vulnerability and rescue induced by genetic modification of alpha-synuclein, parkin, and DJ-1 in *Caenorhabditis elegans*.

Stress-induced alterations in parkin solubility promote parkin aggregation and compromise parkin's protective function.

Polyamine oxidase and acrolein as novel biochemical markers for diagnosis of cerebral stroke.

Acrolein-induced cell death in PC12 cells: role of mitochondria-mediated oxidative stress.

Protein adduct species in muscle and liver of rats following acute ethanol administration.

An alternative Ca²⁺-dependent mechanism of neuroprotection by the metalloporphyrin class of superoxide dismutase mimetics.

Down-regulation of the glial glutamate transporter GLT-1 in rat hippocampus and striatum and its modulation by a group III metabotropic glutamate receptor antagonist following transient global forebrain ischemia.

Abeta-polyacrolein aggregates: novel mechanism of plastic formation in senile plaques.

Superoxide dismutase/catalase mimetics are neuroprotective against selective paraquat-mediated dopaminergic neuron death in the substantia nigra: implications for Parkinson disease.

Toxin-induced models of Parkinson's disease.

TRPA1 and TRPM8 activation in humans: effects of cinnamaldehyde and menthol.

[WITHDRAWN] Overexpression of superoxide dismutase or glutathione peroxidase protects against the paraquat + maneb-induced Parkinson disease phenotype.

Oxidative damage is a potential cause of cone cell death in retinitis pigmentosa.

Analysis of derivatized biogenic aldehydes by LC tandem mass spectrometry.

Long CGG-repeat tracts are toxic to human cells: implications for carriers of Fragile X premutation alleles.

Accumulation of acrolein-protein adducts after traumatic spinal cord injury.

Glutathione and ascorbic acid enhance recovery of Guinea pig spinal cord white matter following ischemia and acrolein exposure.

Differential regulation of proopiomelanocortin (POMC) mRNA expression in hypothalamus and anterior pituitary following repeated cyanamide with ethanol administration.

Protection by puerarin against MPP⁺-induced neurotoxicity in PC12 cells mediated by inhibiting mitochondrial dysfunction and caspase-3-like activation.

Protective role of hydrogen peroxide in oxygen-deprived dopaminergic neurones of the rat substantia nigra.

Multiple components of 2,4-dichlorophenoxyacetic acid uptake by rat choroid plexus.

Development of a method for quantification of acrolein-deoxyguanosine adducts in DNA using isotope dilution-capillary LC/MS/MS and its application to human brain tissue.

Wild-type alpha-synuclein interacts with pro-apoptotic proteins PKCdelta and BAD to protect dopaminergic neuronal cells against MPP⁺-induced apoptotic cell death.

Brain catalase mediates potentiation of social recognition memory produced by ethanol in mice.

Catalase inhibition by amino triazole induces oxidative stress in goldfish brain.

Cysteine modification by lipid peroxidation products inhibits protein disulfide isomerase.

Detection of herbicide subclasses by an optical multibiosensor based on an array of photosystem II mutants.

Application of artificial neural networks for prediction of retention factors of triazine herbicides in reversed-phase liquid chromatography.

Acrolein induces Hsp72 via both PKCdelta/JNK and calcium signaling pathways in human umbilical vein endothelial cells.

Influence of paraquat on dopaminergic transporter in the rat brain.

Inhibition of acetaldehyde metabolism decreases acetylcholine release in medial frontal cortex of freely moving rats.

Induction of thioredoxin reductase as an adaptive response to acrolein in human umbilical vein endothelial cells.

Acrolein induces oxidative stress in brain mitochondria.

Oxidative metabolites are involved in polyamine-induced microglial cell death.

Neural correlates of oral irritation by mustard oil and other pungent chemicals: a hot topic.

Fracture-controlled nitrate and atrazine transport in four Iowa till units.

Concentrations of environmental chemicals associated with neurodevelopmental effects in U.S. population.

AMG 9810 [(E)-3-(4-t-butylphenyl)-N-(2,3-dihydrobenzo[b][1,4] dioxin-6-yl)acrylamide], a novel vanilloid receptor 1 (TRPV1) antagonist with antihyperalgesic properties.

Changes in DNA binding pattern of transcription factor YY1 in neuronal degeneration.

Enhanced response to caffeine and 4-chloro-m-cresol in malignant hyperthermia-susceptible muscle is related in part to chronically elevated resting $[Ca^{2+}]_i$.

Transduced Tat-SOD fusion protein protects against ischemic brain injury.

Tyrosine kinase inhibitors attenuate Japanese encephalitis virus-induced neurotoxicity.

Background exposure to PCDDs/PCDFs/PCBs and its potential health effects: a review of epidemiologic studies.

[Experimental study on pharmacodynamical of *Oxalis griffithii*, a national medicine in Guizhou].

Role of sulfated glycans in adherence of the microsporidian *Encephalitozoon intestinalis* to host cells in vitro.

Transcriptional activation of the membrane-bound progesterone receptor (mPR) by dioxin, in endocrine-responsive tissues.

Aryl hydrocarbon receptor expression and activity in cerebellar granule neuroblasts: implications for development and dioxin neurotoxicity.

Aminolevulinic acid: from its unique biological function to its star role in photodynamic therapy.

Tetraethylammonium exacerbates ischemic neuronal injury in rat cerebrocortical slice cultures.

Exposure to PCB 77 affects the maternal behavior of rats.

Could exposure to methyl bromide cause motor neurone disease?

Fryns syndrome without diaphragmatic hernia. Report on a new case and review of the literature.

Chemical-induced atrial thrombosis in NTP rodent studies.

Auditory neurotoxicity and hepatotoxicity after MSMA (monosodium methanarsenate) high dose oral intake.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and leptin on hypothalamic mRNA expression of factors participating in food intake regulation in a TCDD-sensitive and a TCDD-resistant rat strain.

Oxidative stress in mitochondria: decision to survival and death of neurons in neurodegenerative disorders.

Various bilateral olfactory deficits in male patients with schizophrenia.

Amelioration of sodium arsenite-induced clastogenicity by tea extracts in Chinese hamster v79 cells.

[Effects of Tianzhi Keli on extracellular acetylcholine and catecholamine levels in striatum of rats with neuromitochondrial impairment].

[Orthorexia nervosa. A new eating behavior disorder?].

Pesticides and risk of Parkinson disease: a population-based case-control study.

Quantification of viability in organotypic multicellular spheroids of human malignant glioma using lactate dehydrogenase activity: a rapid and reliable automated assay.

The epidemiology of non-Hodgkin lymphoma.

Glycolytic glioma cells with active glycogen synthase are sensitive to PTEN and inhibitors of PI3K and gluconeogenesis.

Synthesis and antinociceptive activity of some substituted-5-[2-(1,2,3,4-tetrahydrocarbazol-9-yl)ethyl]tetrazol-1-yl]alkanones.

Review of the toxicology of carbonyl sulfide, a new grain fumigant.

Effects of chemical ischemia in cerebral cortex slices. Focus on nitric oxide.

Pericapillary haem-rich deposits: evidence for microhaemorrhages in aging human cerebral cortex.

Drosophila DJ-1 mutants show oxidative stress-sensitive locomotive dysfunction.

Tissue Doppler-derived indices predict exercise capacity in patients with apical hypertrophic cardiomyopathy.

Darbepoetin alfa treatment for post-renal transplantation anemia during pregnancy.

Agricultural pesticide use and risk of glioma in Nebraska, United States.

[Application of a 3D reconstruction model for the analysis of nitrofen induced intrathoracic malformations].

Neuritogenesis and neuronal differentiation promoted by 2,4-dinitrophenol, a novel anti-amyloidogenic compound.

Nonsteroidal anti-inflammatory drugs differentially affect the heat shock response in cultured spinal cord cells.

Insulin neuroprotection against oxidative stress in cortical neurons--involvement of uric acid and glutathione antioxidant defenses.

[Study on the antipyretic, analgesic effects of qingkailing freeze-dried powder for injection and its antipyretic mechanism].

Early environmental origins of neurodegenerative disease in later life.

Synthesis and reactions of some new substituted pyridine and pyrimidine derivatives as analgesic, anticonvulsant and antiparkinsonian agents.

The mitochondrial uncoupler 2,4-dinitrophenol attenuates tissue damage and improves mitochondrial homeostasis following transient focal cerebral ischemia.

Lecozotan (SRA-333): a selective serotonin 1A receptor antagonist that enhances the stimulated release of glutamate and acetylcholine in the hippocampus and possesses cognitive-enhancing properties.

[Effect of salidroside on mitochondria injury induced by sodium azide].

Studying toxicants as single chemicals: does this strategy adequately identify neurotoxic risk?

Evaluation of pseudo-affective responses to noxious colorectal distension in rats by manometric recordings.

Glycation of mitochondrial proteins from diabetic rat kidney is associated with excess superoxide formation.

[Assessment of free radical formation process in rats with different audiogenic seizure susceptibility by means of biochemiluminiscent methods].

Neurologic symptoms in licensed private pesticide applicators in the agricultural health study.

Characterization of the monomethylarsonate reductase and dehydroascorbate reductase activities of Omega class glutathione transferase variants: implications for arsenic metabolism and the age-at-onset of Alzheimer's and Parkinson's diseases.

New paradigms in the treatment of restless legs syndrome.

[Experimental behavioral tests using monkey and rat offspring born from mothers exposed perinatally to EDCs].

Sodium azide and 2-deoxy-D-glucose-induced cellular stress affects phosphorylation-dependent AbetaPP processing.

Preliminary morphological and histochemical changes in rat spinal cord neurons following arsenic ingestion.

The heat shock protein 90 inhibitor, 17-allylamino-17-demethoxygeldanamycin, enhances osteoclast formation and potentiates bone metastasis of a human breast cancer cell line.

Acute methyl iodide exposure with delayed neuropsychiatric sequelae: report of a case.

Pseudolaminar necrosis in cyanide intoxication: a neuropathology case report.

Beneficial effects of vitamin C and vitamin E on reserpine-induced oral dyskinesia in rats: critical role of striatal catalase activity.

Common viral infection affects pentabrominated diphenyl ether (PBDE) distribution and metabolic and hormonal activities in mice.

Perinatal exposure to the fungicide prochloraz feminizes the male rat offspring.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats disrupts brain sexual differentiation.

Identification of three mutations in the Cu,Zn-superoxide dismutase (Cu,Zn-SOD) gene with familial amyotrophic lateral sclerosis: transduction of human Cu,Zn-SOD into PC12 cells by HIV-1 TAT protein basic domain.

Pressor and tachycardic responses evoked by microinjections of L-glutamate into the medial prefrontal cortex of unanaesthetized rats.

Dioxin: a review of its environmental effects and its aryl hydrocarbon receptor biology.

Reactive oxygen and nitrogen species: weapons of neuronal destruction in models of Parkinson's disease.

Gliomas and farm pesticide exposure in women: the Upper Midwest Health Study.

Organic anion transporter (Slc22a) family members as mediators of toxicity.

Methyl bromide intoxication causes reversible symmetric brainstem and cerebellar MRI lesions.

Uptake, cellular distribution and novel cellular binding proteins of immunostimulatory CpG oligodeoxynucleotides in glioblastoma cells.

Efficient radiosynthesis of carbon-11 labelled uncharged Thioflavin T derivatives using [11C]methyl triflate for beta-amyloid imaging in Alzheimer's Disease with PET.

Effects of PCB 126 on primary immune organs and thymocyte apoptosis in chicken embryos.

Neonatally administered tert-octylphenol affects onset of puberty and reproductive development in female rats.

Developmental pesticide exposures and the Parkinson's disease phenotype.

Binding of estrogenic compounds to recombinant estrogen receptor-alpha: application to environmental analysis.

Amalgam exposure and neurological function.

Structural and functional alterations in mitochondrial membrane in picrotoxin-induced epileptic rat brain.

A case of erectile dysfunction associated with chronic methyl bromide intoxication.

Dioxin-like activity and maternal thyroid hormone levels in second trimester maternal serum.

Mitochondria are fast Ca²⁺ sinks in rat extraocular muscles: a novel regulatory influence on contractile function and metabolism.

Protective effects of ellagic and chlorogenic acids against oxidative stress in PC12 cells.

Neurobehavioural evaluation and kinetics of inhalation of constant or fluctuating toluene concentrations in human volunteers.

Antimutagenicity and cytotoxicity of the constituents from the aerial parts of *Rumex acetosa*.

The blood-brain barrier transmigration of single domain antibody: mechanisms of transport and antigenic epitopes in human brain endothelial cells.

In utero exposure to dioxins and polychlorinated biphenyls and its relations to thyroid function and growth hormone in newborns.

QSAR study on the Ah receptor-binding affinities of polyhalogenated dibenzo-p-dioxins using net atomic-charge descriptors and a radial basis neural network.

Mineralocorticoids decrease the activity of the apical small-conductance K channel in the cortical collecting duct.

Dose-dependent liver regeneration in chloroform, trichloroethylene and allyl alcohol ternary mixture hepatotoxicity in rats.

Endogenous vascular hydrogen peroxide regulates arteriolar tension in vivo.

[Political poisoning with dioxins--a weapon of chemical "disgracefulness"].

The uncoupling agent 2,4-dinitrophenol improves mitochondrial homeostasis following striatal quinolinic acid injections.

Contrasting contribution of 5-hydroxytryptamine 1A receptor activation to neurochemical profile of novel antipsychotics: frontocortical dopamine and hippocampal serotonin release in rat brain.

Accumulation, tissue distribution, and maternal transfer of dietary 2,3,7,8,-tetrachlorodibenzo-p-dioxin: impacts on reproductive success of zebrafish.

A cell array biosensor for environmental toxicity analysis.

Induction of phenotypes resembling CuZn-superoxide dismutase deletion in wild-type yeast cells: an in vivo assay for the role of superoxide in the toxicity of redox-cycling compounds.

Flow-through sol-gel optical biosensor for the colorimetric determination of acetazolamide.

Ouabain induces an increase of retinal ganglion cell survival in vitro: the involvement of protein kinase C.

Protective effect of propofol against kainic acid-induced lipid peroxidation in mouse brain homogenates: comparison with trolox and melatonin.

Localization and differential activity of P-glycoprotein in the bovine olfactory and nasal respiratory mucosae.

Expression and purification of a recombinant peptide from the Alzheimer's beta-amyloid protein for solid-state NMR.

Mechanisms underlying the relaxation response induced by bradykinin in the epithelium-intact guinea-pig trachea in vitro.

Protection against amyloid beta-peptide (1-42)-induced loss of phospholipid asymmetry in synaptosomal membranes by tricyclodecan-9-xanthogenate (D609) and ferulic acid ethyl ester: implications for Alzheimer's disease.

Quantification of phenolic metabolites of environmental chemicals in human urine using gas chromatography-tandem mass spectrometry and isotope dilution quantification.

Novel regulation of Na, K-ATPase by Src tyrosine kinases in cortical neurons.

Brain regional responses in antioxidant system to alpha-lipoic acid in arsenic intoxicated rat.

Neurobehavioural investigations in adolescents exposed to environmental pollutants.

Bcl-2 gene family expression in the brain of rat offspring after gestational and lactational dioxin exposure.

Energy substrate requirements for survival of rat retinal cells in culture: the importance of glucose and monocarboxylates.

Noradrenaline involvement in the memory-enhancing effects of exposure to a complex rhythm stimulus following discriminated passive avoidance training in the young chick.

Tetrachlorodibenzo-p-Dioxin (TCDD) Inhibits Differentiation and Increases Apoptotic Cell Death of Precursor T-Cells in the Fetal Mouse Thymus.

Effects of pesticides on the peripheral and central nervous system in tobacco farmers in Malaysia: studies on peripheral nerve conduction, brain-evoked potentials and computerized posturography.

Molecular interactions of the aryl hydrocarbon receptor and its biological and toxicological relevance for reproduction.

Type-3 ryanodine receptors mediate hypoxia-, but not neurotransmitter-induced calcium release and contraction in pulmonary artery smooth muscle cells.

The effects of gestational arsenic exposure and dietary selenium deficiency on selenium and selenoenzymes in maternal and fetal tissues in mice.

Determination of urinary ortho- and meta-cresol in humans by headspace SPME gas chromatography/mass spectrometry.

Dioxins and furans determination in postmortem blood by gas chromatography--high-resolution mass spectrometry.

Effect of testosterone and steroids homologues on indolamines and lipid peroxidation in rat brain.

Arsenic intoxication-induced reduction of glutathione level and of the activity of related enzymes in rat brain regions: reversal by DL-alpha-lipoic acid.

Dioxin production during the thermal treatment of meat and bone meal residues.

Carrier mediated transport of chlorpheniramine and chlorcyclizine across bovine olfactory mucosa: implications on nose-to-brain transport.

Glutathione reductase inhibition and methylated arsenic distribution in Cd1 mice brain and liver.

Neurotoxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in cerebellar granule cells.

Determination of phenolic compounds by a polyphenol oxidase amperometric biosensor and artificial neural network analysis.

Direct determination of p-nitrophenyl substituent organophosphorus nerve agents using a recombinant *Pseudomonas putida* JS444-modified Clark oxygen electrode.

Targeted expression of the human uncoupling protein 2 (hUCP2) to adult neurons extends life span in the fly.

Acute toxicity of six freshwater mussel species (Glochidia) to six chemicals: implications for Daphnids and Utterbackia imbecillis as surrogates for protection of freshwater mussels (Unionidae).

Effect of toluene and cresols on Na⁺,K⁺-ATPase, and serotonin in rat brain.

Hemodynamic and respiratory responses to microinjection of ATP into the intermediate and caudal NTS of awake rats.

A practical note on the use of cytotoxicity assays.

Protein oxidative damage in arsenic induced rat brain: influence of DL-alpha-lipoic acid.

Differential signatures of protein expression in marmoset liver and thymus induced by single-dose TCDD treatment.

Effect of pesticides on kynurenic acid production in rat brain slices.

[Dioxin, poisoning information or brainwashing? On Seveso's and Yushchenko's acne].

Synthesis and characterization of EADAM: a selective radioligand for mapping the brain serotonin transporters by positron emission tomography.

Exposure and effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in tree swallows (Tachycineta bicolor) nesting along the Woonasquatucket River, Rhode Island, USA.

Quantitative risk assessment for developmental neurotoxic effects.

Study of tyrosine hydroxylase immunoreactive neurons in neonate rats lactationally exposed to 2,4-dichlorophenoxyacetic Acid.

Failure of ethanol and acetaldehyde to alter in vivo norepinephrine release in the striatum and hippocampus of rats.

Paraquat induces oxidative stress and neuronal cell death; neuroprotection by water-soluble Coenzyme Q10.

[Alzheimer's disease with secondary Parkinson's syndrome. Case report of a patient with dementia and Parkinson's syndrome after long-term occupational exposure to insecticides, herbicides, and pesticides].

A cross-sectional study of triallate exposure and neurological health among workers at a pesticide manufacturing and formulating facility.

Paraquat-induced hair cell damage and protection with the superoxide dismutase mimetic m40403.

Sensitivity of zebrafish to environmental toxins implicated in Parkinson's disease.

Neurotoxicant-induced animal models of Parkinson's disease: understanding the role of rotenone, maneb and paraquat in neurodegeneration.

G209A mutant alpha synuclein expression specifically enhances dopamine induced oxidative damage.

Mitogenic and cytotoxic effects of pentachlorophenol to AML 12 mouse hepatocytes.

Toxicity of dipyridyl compounds and related compounds.

Different effects of CSA and CSB deficiency on sensitivity to oxidative DNA damage.

Overexpression of metallothionein protects cultured motor neurons against oxidative stress, but not mutant Cu/Zn-superoxide dismutase toxicity.

Impacts of carbamate pesticides on olfactory neurophysiology and cholinesterase activity in coho salmon (*Oncorhynchus kisutch*).

Effects of endocrine disrupting chemicals on the expression of CYP19 genes in zebrafish (*Danio rerio*) juveniles.

Effects of 2,4-dichlorophenoxyacetic acid exposure on dopamine D2-like receptors in rat brain.

Paraquat-induced apoptotic cell death in cerebellar granule cells.

Acrolein induces axolemmal disruption, oxidative stress, and mitochondrial impairment in spinal cord tissue.

Mammalian toxicology overview and human risk assessment for sulfosulfuron.

Attenuation of paraquat-induced motor behavior and neurochemical disturbances by L-valine in vivo.

Gene expression analysis of the lung following paraquat administration in rats using DNA microarray.

Comparison of two screening bioassays, based on the frog sciatic nerve and yeast cells, for the assessment of herbicide toxicity.

Toxicity of atrazine and molinate to the cladoceran *Daphnia carinata* and the effect of river water and bottom sediment on their bioavailability.

Overexpression of the small mitochondrial Hsp22 extends *Drosophila* life span and increases resistance to oxidative stress.

Chlorpyrifos induces apoptosis in rat cortical neurons that is regulated by a balance between p38 and ERK/JNK MAP kinases.

Seasonal changes in the sensitivity of river microalgae to atrazine and isoproturon along a contamination gradient.

alpha-Synuclein selectively increases manganese-induced viability loss in SK-N-MC neuroblastoma cells expressing the human dopamine transporter.

Multiple medical problems following agent orange exposure.

Glyphosate poisoning.

Poisoning due to chlorophenoxy herbicides.

External Qi therapy to treat symptoms of Agent Orange Sequelae in Korean combat veterans of the Vietnam War.

Alpha and beta estradiol protect neuronal but not native PC12 cells from paraquat-induced oxidative stress.

Developmental arrest in Japanese medaka (*Oryzias latipes*) embryos exposed to sublethal concentrations of atrazine and arsenic trioxide.

[A case of acute poisoning caused by the inhalation of a nonselective herbicide REBIN GT SC (butafenacil and glyphosate isopropylamine)].

Efficient in vitro paraquat removal via irreversible immobilization into zeolite particles.

Tissue-specific oxidative stress responses in fish exposed to 2,4-D and azinphosmethyl.

Antioxidants effectively prevent oxidation-induced protein damage in OLN 93 cells.

Anandamide-evoked activation of vanilloid receptor 1 contributes to the development of bladder hyperreflexia and nociceptive transmission to spinal dorsal horn neurons in cystitis.

The cytotoxic activity of lactoperoxidase: enhancement and inhibition by neuroactive compounds.

The effect of macromolecular crowding on protein aggregation and amyloid fibril formation.

Important role of striatal catalase in aging- and reserpine-induced oral dyskinesia.

Albumin-bound polyacrolein: implications for Alzheimer's disease.

Activities of UDP-glucuronyltransferase, beta-glucuronidase and deiodinase types I and II in hyper- and hypothyroid rats.

Modulation of phospholipid asymmetry in synaptosomal membranes by the lipid peroxidation products, 4-hydroxynonenal and acrolein: implications for Alzheimer's disease.

Alpha-synuclein up-regulation and aggregation during MPP⁺-induced apoptosis in neuroblastoma cells: intermediacy of transferrin receptor iron and hydrogen peroxide.

Decreasing glutamate buffering capacity triggers oxidative stress and neuropil degeneration in the *Drosophila* brain.

Inducible superoxide dismutase 1 aggregation in transgenic amyotrophic lateral sclerosis mouse fibroblasts.

The vagus and recurrent laryngeal nerves in experimental congenital diaphragmatic hernia.

Noxious cold ion channel TRPA1 is activated by pungent compounds and bradykinin.

A fetal risk factor for Parkinson's disease.

Impact of ethanol and acetaldehyde on DNA and cell viability of cultured neurones.

Serofendic acid, a sulfur-containing diterpenoid derived from fetal calf serum, attenuates reactive oxygen species-induced oxidative stress in cultured striatal neurons.

The renal-specific transporter mediates facilitative transport of organic anions at the brush border membrane of mouse renal tubules.

Catalase-independent early-gene expression in rat brain following acute ethanol exposure.

Influence of vitamin E, sodium selenite, and astrocyte-conditioned medium on neuronal survival after chronic exposure to ethanol.

Evidence that atrazine and diaminochlorotriazine inhibit the estrogen/progesterone induced surge of luteinizing hormone in female Sprague-Dawley rats without changing estrogen receptor action.

Preconcentration of the herbicide glyphosate and its metabolite AMPA by immobilised metal ion affinity chromatography (IMAC).

Optimization of the separation of a group of triazine herbicides by micellar capillary electrophoresis using experimental design and artificial neural networks.

Proteasome mediates dopaminergic neuronal degeneration, and its inhibition causes alpha-synuclein inclusions.

Ethanol but not acetaldehyde induced changes in brain taurine: a microdialysis study.

An endogenous metabolite of dopamine, 3,4-dihydroxyphenylethanol, acts as a unique cytoprotective agent against oxidative stress-induced injury.

Paraquat induces apoptosis of cultured rat cortical cells.

Comparative effect of cyanamide and sodium nitroprusside on indolamine and lipid peroxidation levels in rat brain.

2,3,7,8-TCDD effects on visual structure and function in swim-up rainbow trout.

Environmental factors and Parkinson's disease: a case-control study in the Tuscany region of Italy.

Role of intracellular calcium in acute thermal pain perception.

Design and synthesis of highly potent and selective (2-arylcarbamoyl-phenoxy)-acetic acid inhibitors of aldose reductase for treatment of chronic diabetic complications.

Heparanase uptake is mediated by cell membrane heparan sulfate proteoglycans.

The mitochondrial uncoupling agent 2,4-dinitrophenol improves mitochondrial function, attenuates oxidative damage, and increases white matter sparing in the contused spinal cord.

Classic toxin-induced animal models of Parkinson's disease: 6-OHDA and MPTP.

Ex vivo evaluation of erythrocytosis-enhanced platelet thrombus formation using the cone and plate(let) analyzer: effect of platelet antagonists.

Women and omega-3 Fatty acids.

A chronic Alzheimer's model evoked by mitochondrial poison sodium azide for pharmacological investigations.

Trichothiodystrophy: quantification of cysteine in human hair and nails by application of sodium azide-dependent oxidation to cysteic acid.

Abdominal pain in a cross country runner.

In utero effects of chemicals on reproductive tissues in females.

4-chloro-m-cresol cannot detect malignant hyperthermia equivocal cells in an alternative minimally invasive diagnostic test of malignant hyperthermia susceptibility.

Neuromuscular electric stimulation enhances endothelial vascular control and hemodynamic function in paretic upper extremities of patients with stroke.

Intravesical resiniferatoxin decreases spinal c-fos expression and increases bladder volume to reflex micturition in rats with chronic inflamed urinary bladders.

P-cresol, a uremic retention solute, alters the endothelial barrier function in vitro.

Functional characterization of malignant hyperthermia-associated RyR1 mutations in exon 44, using the human myotube model.

Expression of hypothalamic neuropeptides after acute TCDD treatment and distribution of Ah receptor repressor.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits cell proliferation through arylhydrocarbon receptor-mediated G1 arrest in SK-N-SH human neuronal cells.

Branch retinal artery occlusion: a complication of iron-deficiency anemia in a young adult with a rectal carcinoid.

Association of pesticide exposure with neurologic dysfunction and disease.

Environmental contaminant-mixture effects on CNS development, plasticity, and behavior.

Minocycline up-regulates Bcl-2 and protects against cell death in mitochondria.

[The effectiveness of three regimens using ferrous sulfate to treat anemia in pregnant women].

Hypothermia and localized cold injuries.

Hexachlorobenzene, a dioxin-like compound, disrupts auditory function in rat.

Ischemia/reperfusion induces the recruitment of leukocytes from whole blood under flow conditions.

Drosophila parkin mutants have decreased mass and cell size and increased sensitivity to oxygen radical stress.

How environmental hazards in childhood have been discovered: carcinogens, teratogens, neurotoxicants, and others.

Simultaneous exposure of rats to dioxin and carbon monoxide reduces the xenobiotic but not the hypoxic response.

Glioma cell antioxidant capacity relative to reactive oxygen species produced by dopamine.

Assessment of human health risk of dioxin in Korea.

In utero pesticide exposure, maternal paraoxonase activity, and head circumference.

Rat models of dementia based on reductions in regional glucose metabolism, cerebral blood flow and cytochrome oxidase activity.

Mechanisms of ischemic brain injury.

Role of capsaicin-sensitive afferent nerves in different models of gastric inflammation in rats.

Multiple risk factors for Parkinson's disease.

Intra-strain dioxin sensitivity and morphometric effects in swim-up rainbow trout (*Oncorhynchus mykiss*).

Sleep deprivation and cellular responses to oxidative stress.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on fatty acid availability and neural tube formation in cynomolgus macaque, *Macaca fascicularis*.

The nematode *Caenorhabditis elegans* as a model of organophosphate-induced mammalian neurotoxicity.

Pharmacologic evidence for a parasympathetic role in seizure-induced neurocardiac regulatory abnormalities.

Burn injuries resulting from (accidental) airbag inflation.

Endogenous mitochondrial oxidative stress: neurodegeneration, proteomic analysis, specific respiratory chain defects, and efficacious antioxidant therapy in superoxide dismutase 2 null mice.

The expression of DJ-1 (PARK7) in normal human CNS and idiopathic Parkinson's disease.

A comparison of human H295R and rat R2C cell lines as in vitro screening tools for effects on aromatase.

Neurotoxins and neurotoxic species implicated in neurodegeneration.

Effects of airbag deployment: lesions, epidemiology, and management.

Liquid growth hormone: preservatives and buffers.

[Severe toxic liver failure after acute poisoning with paracetamol, ferrous sulphate and naproxen].

The modulatory effects of ellagic acid and vitamin E succinate on TCDD-induced oxidative stress in different brain regions of rats after subchronic exposure.

From phenoxyacetic acids to cellular telephones: is there historical evidence for the precautionary principle in cancer prevention?

Development of protamine hollow-fiber device for extracorporeal heparin removal.

Analgesic and anti-inflammatory activities evaluation of (-)-O-acetyl, (-)-O-methyl, (-)-O-dimethylethylamine cubebin and their preparation from (-)-cubebin.

Effects of perinatal exposure to PCBs on neuropsychological functions in the Rotterdam cohort at 9 years of age.

Regulation by sulfanylurea receptor type 1 of a non-selective cation channel involved in cytotoxic edema of reactive astrocytes.

Role of aryl hydrocarbon receptor in mesencephalic circulation failure and apoptosis in zebrafish embryos exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Antioxidant activity and neuroprotective effects of zolpidem and several synthesis intermediates.

Brain catalase activity inhibition as well as opioid receptor antagonism increases ethanol-induced HPA axis activation.

Bisquaternary caracurine V and iso-caracurine V salts as ligands for the muscle type of nicotinic acetylcholine receptors: SAR and QSAR studies.

Agrin signaling in cortical neurons is mediated by a tyrosine kinase-dependent increase in intracellular Ca^{2+} that engages both CaMKII and MAPK signal pathways.

Regulatory role of dADAR in ROS metabolism in *Drosophila* CNS.

Expression patterns of basic helix-loop-helix transcription factors define subsets of olfactory progenitor cells.

Toxicity assessment of complex mixtures remains a goal.

Potential roles of the aryl hydrocarbon receptor in female reproductive senescence.

Alpha-tocotrienol provides the most potent neuroprotection among vitamin E analogs on cultured striatal neurons.

A proteasomal stress response: pre-treatment with proteasome inhibitors increases proteasome activity and reduces neuronal vulnerability to oxidative injury.

Angiotensin type 2 receptor neuroprotection against chemical hypoxia is dependent on the delayed rectifier K^+ channel, Na^+/Ca^{2+} exchanger and Na^+/K^+ ATPase in primary cortical cultures.

Contraction augments L-type Ca^{2+} currents in adherent guinea-pig cardiomyocytes.

Menadione reduces rotenone-induced cell death in cerebellar granule neurons.

Zonal ablation of the olfactory sensory neuroepithelium of the mouse: effects on odorant detection.

Developmental toxicity of the dithiocarbamate pesticide sodium metam in zebrafish.

Prolonged exercise to fatigue in humans impairs skeletal muscle Na^+-K^+ -ATPase activity, sarcoplasmic reticulum Ca^{2+} release, and Ca^{2+} uptake.

Diffuse pharmacophoric domains of vasoactive intestinal peptide (VIP) and further insights into the interaction of VIP with the N-terminal ectodomain of human VPAC1 receptor by photoaffinity labeling with [Bpa6]-VIP.

Cultured neuronal networks as environmental biosensors.

Disorganization of cortical microtubules stimulates tangential expansion and reduces the uniformity of cellulose microfibril alignment among cells in the root of Arabidopsis.

A semidominant mutation in an Arabidopsis mitogen-activated protein kinase phosphatase-like gene compromises cortical microtubule organization.

Spatiotemporal evidence of apoptosis-mediated ischemic injury in organotypic hippocampal slice cultures.

Blood-brain barrier permeability of novel [D-arg²]dermorphin (1-4) analogs: transport property is related to the slow onset of antinociceptive activity in the central nervous system.

The human CYP1A1 gene is regulated in a developmental and tissue-specific fashion in transgenic mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and long term immunologic memory.

Presence and functional activity of the aryl hydrocarbon receptor in isolated murine cerebral vascular endothelial cells and astrocytes.

Activation of the aryl hydrocarbon receptor diminishes the memory response to homotypic influenza virus infection but does not impair host resistance.

Conductometric tyrosinase biosensor for the detection of diuron, atrazine and its main metabolites.

[Effect of zenkor on the amount of glucose and activity of gluconeogenesis enzymes in carp's (*Cyprinus carpio* L.) tissues at different temperatures].

[Degradation of 2,4-dinitrophenol by free and immobilized cells of *Rhodococcus erythropolis* HL PM-1].

Environmental distribution, analysis, and toxicity of organometal(loid) compounds.

Free radicals and brain aging.

Involvement of P-glycoprotein in the transport of saquinavir and indinavir in rat brain microvessel endothelial and microglia cell lines.

Evaluation of 5-(11)C-methyl-A-85380 as an imaging agent for PET investigations of brain nicotinic acetylcholine receptors.

Protein tyrosine kinase is expressed and regulates ROMK1 location in the cortical collecting duct.

Versican V1 isoform induces neuronal differentiation and promotes neurite outgrowth.

Enzyme-linked immunosorbent assay for monitoring toxic dioxin congeners in milk based on a newly generated monoclonal anti-dioxin antibody.

Characterization of a fasciclin I-like protein with cell attachment activity from sea urchin (*Strongylocentrotus intermedius*) ovaries.

Whole cell-enzyme hybrid amperometric biosensor for direct determination of organophosphorous nerve agents with p-nitrophenyl substituent.

Optimization by experimental design and artificial neural networks of the ion-interaction reversed-phase liquid chromatographic separation of twenty cosmetic preservatives.

Quantitative analysis of cresol and its metabolites in biological materials and distribution in rats after oral administration.

The role of the chorda tympani nerve and histaminergic system in TCDD toxicity.

Nucleotidase activities in membrane preparations of nervous ganglia and digestive gland of the snail *Helix aspersa*.

Perinatal dioxin exposure and later effects--a review.

Altered epithelial density and expansion of bulbar projections of a discrete HSP70 immunoreactive subpopulation of rat olfactory receptor neurons in reconstituting olfactory epithelium following exposure to methyl bromide.

Multipotency of purified, transplanted globose basal cells in olfactory epithelium.

Impact of mitochondrial inhibition on excitability and cytosolic Ca²⁺ levels in brainstem motoneurons from mouse.

[Changes of thioredoxin mRNA level in neurons with mitochondrial dysfunction insulted by H₂O₂].

Risk factors for dopaminergic neuron loss in human alpha-synuclein transgenic mice.

The AHR-1 aryl hydrocarbon receptor and its co-factor the AHA-1 aryl hydrocarbon receptor nuclear translocator specify GABAergic neuron cell fate in *C. elegans*.

Genioglossal hypoglossal motoneurons contact substance P-like immunoreactive nerve terminals in the cat: a dual labeling electron microscopic study.

Angiotensin II attenuates chemical hypoxia-induced caspase-3 activation in primary cortical neuronal cultures.

Odorant receptor expression patterns are restored in lesion-recovered rat olfactory epithelium.

Histological analysis of acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in zebrafish.

¹¹C-Fallypride: radiosynthesis and preliminary evaluation of a novel dopamine D₂/D₃ receptor PET radiotracer in non-human primate brain.

Comlestatin prevents apoptotic cell death: inhibition of a mitochondrial caspase pathway through AKT/PKB activation.

A chronic implant to record electroretinogram, visual evoked potentials and oscillatory potentials in awake, freely moving rats for pharmacological studies.

Effect of acute exposure to arsenic on formalin-induced nociception and tramadol-mediated antinociception in mice.

Development and testing of a novel biosynthesized XCell for treating chronic wounds.

Toxicity, histopathological alterations and immunohistochemical CYP1A induction in the early life stages of the seabream, *Sparus aurata*, following waterborne exposure to B(a)P and TCDD.

Chlorophenols identification in water using an electronic nose and ANNs (artificial neural networks) classification.

[Expression of neurotoxin II from *Naja oxiana* cobra venom in *Escherichia coli* in a hybrid form with thioredoxin].

Predicting toxic equivalence factors from ¹³C nuclear magnetic resonance spectra for dioxins, furans, and polychlorinated biphenyls using linear and nonlinear pattern recognition methods.

Cerebrosides and a monoacylmonogalactosylglycerol from *Clinacanthus nutans*.

Biophysical properties and metabolic regulation of a TASK-like potassium channel in rat carotid body type 1 cells.

The Metropolitan Atlanta Congenital Defects Program: 35 years of birth defects surveillance at the Centers for Disease Control and Prevention.

Caspase-3 dependent proteolytic activation of protein kinase C delta mediates and regulates 1-methyl-4-phenylpyridinium (MPP⁺)-induced apoptotic cell death in dopaminergic cells: relevance to oxidative stress in dopaminergic degeneration.

Iron, zinc and copper levels in brain, serum and liver of neonates exposed to 2,4-dichlorophenoxyacetic acid.

The environment and Parkinson's disease: is the nigrostriatal system preferentially targeted by neurotoxins?

Fatal overdose of the herbicide bentazone.

Age-related irreversible progressive nigrostriatal dopaminergic neurotoxicity in the paraquat and maneb model of the Parkinson's disease phenotype.

Paraquat leads to dopaminergic neural vulnerability in organotypic midbrain culture.

Impact of Agent Orange exposure among Korean Vietnam veterans.

A toxicity view of the pesticide picloram when immobilized onto a silica gel surface.

Fatal 2,4-D (ethyl ester) ingestion.

Health effects on nearby residents of a wood treatment plant.

Parental occupational exposure to pesticides and childhood brain cancer.

Protective effect of docosahexaenoic acid on oxidative stress-induced apoptosis of retina photoreceptors.

Cancer and developmental exposure to endocrine disruptors.

Effects of L-dopa and other amino acids against paraquat-induced nigrostriatal degeneration.

Effect of the lipid peroxidation product acrolein on tau phosphorylation in neural cells.

The effects of acute pesticide exposure on neuroblastoma cells chronically exposed to diazinon.

Influence of malathion pretreatment on the toxicity of anilofos in male rats: a biochemical interaction study.

Cytotoxic effects of the herbicide 2,4-dichlorophenoxyacetic acid in HepG2 cells.

The 5-enolpyruvylshikimate-3-phosphate synthase of glyphosate-tolerant soybean expressed in *Escherichia coli* shows no severe allergenicity.

Halving the selenophosphate synthetase gene dose confers hypersensitivity to oxidative stress in *Drosophila melanogaster*.

The role of oxidative stress in paraquat-induced neurotoxicity in rats: protection by non peptidyl superoxide dismutase mimetic.

Paraquat and iron exposure as possible synergistic environmental risk factors in Parkinson's disease.

Overexpression of CYP2D6 attenuates the toxicity of MPP⁺ in actively dividing and differentiated PC12 cells.

Pentachlorophenol poisoning.

The mitochondrial complex I inhibitor annonacin is toxic to mesencephalic dopaminergic neurons by impairment of energy metabolism.

Mitochondrial complex inhibitors preferentially damage substantia nigra dopamine neurons in rat brain slices.

Ischemic insult exacerbates acrolein-induced conduction loss and axonal membrane disruption in guinea pig spinal cord white matter.

Lack of modifying effects of atrazine and/or tamoxifen on thyroid carcinogenesis in rats pretreated with N-bis(2-hydroxypropyl)nitrosamine (DHPN).

Acute and chronic effects of alcohol exposure on skeletal muscle c-myc, p53, and Bcl-2 mRNA expression.

An inhibitor of mitochondrial complex I, rotenone, inactivates proteasome by oxidative modification and induces aggregation of oxidized proteins in SH-SY5Y cells.

[Effect of guizhi tang and its active components on the fever induced by EP3 agonist].

Delayed behavioural aging and altered mortality in *Drosophila* beta integrin mutants.

Myocardial perfusion imaging versus biochemical markers in acute coronary syndromes.

Acrolein-sequestering ability of endogenous dipeptides: characterization of carnosine and homocarnosine/acrolein adducts by electrospray ionization tandem mass spectrometry.

Alcohol potentiates hepatitis C virus replicon expression.

Paraquat induces long-lasting dopamine overflow through the excitotoxic pathway in the striatum of freely moving rats.

Alpha-synuclein overexpression protects against paraquat-induced neurodegeneration.

Immediate sensory nerve-mediated respiratory responses to irritants in healthy and allergic airway-diseased mice.

The selenoprotein GPX4 is essential for mouse development and protects from radiation and oxidative damage insults.

Cell type-specific hypersensitivity to oxidative damage in CSB and XPA mice.

Acrolein inhibits NADH-linked mitochondrial enzyme activity: implications for Alzheimer's disease.

Asymmetrical development of the monoamine systems in 2,4-dichlorophenoxyacetic acid treated rats.

Multi-analyte assay for triazines using cross-reactive antibodies and neural networks.

Interactions of paraquat and triadimefon: behavioral and neurochemical effects.

Role of glutathione redox cycle and catalase in defense against oxidative stress induced by endosulfan in adrenocortical cells of rainbow trout (*Oncorhynchus mykiss*).

SKN-1 links *C. elegans* mesendodermal specification to a conserved oxidative stress response.

Acrolein-induced vasomotor responses of rat aorta.

[Effect of aminotriazole on the activity of catalase and glucose-6-phosphate dehydrogenase in tissues of two frog species--*Rana ridibunda* and *Rana esculenta*].

Different sensitivity of Ca²⁺-ATPase and cholinesterase to pure and commercial pesticides in nervous ganglia of *Phyllocaulis soleiformis* (Mollusca).

Increased synaptosomal dopamine content and brain concentration of paraquat produced by selective dithiocarbamates.

Histamine-immunoreactive neurons of the tuberomammillary nucleus are innervated by alpha-melanocyte stimulating hormone-containing axons. Generation of a new histamine antiserum for ultrastructural studies.

Acute exposure to the nutritional toxin alcohol reduces brain protein synthesis in vivo.

Optical whole-cell biosensor using *Chlorella vulgaris* designed for monitoring herbicides.

Neuroprotective effects of alpha-tocopherol on oxidative stress in rat striatal cultures.

Metabonomics classifies pathways affected by bioactive compounds. Artificial neural network classification of NMR spectra of plant extracts.

Inhibition of succinic semialdehyde dehydrogenase activity by alkenal products of lipid peroxidation.

FK506 attenuates 1-methyl-4-phenylpyridinium- and 3-nitropropionic acid-evoked inhibition of kynurenic acid synthesis in rat cortical slices.

Effects of the new herbicide fentrazamide on the glucose utilization in neurons and erythrocytes in vitro.

Exposure to indoor pesticides during pregnancy in a multiethnic, urban cohort.

Fish tolerance to organophosphate-induced oxidative stress is dependent on the glutathione metabolism and enhanced by N-acetylcysteine.

Dioxins released from incineration plants and mortality from major diseases: an analysis of statistical data by municipalities.

Downregulation of hippocampal NMDA receptor expression by prenatal exposure to dioxin.

Brain mitochondrial aldehyde dehydrogenase: relation to acetaldehyde aversion in low-alcohol-drinking (UChA) and high-alcohol-drinking (UChB) rats.

Mild hypothermia reduces expression of heat shock protein 60 in leukocytes from severely head-injured patients.

Opposing effects of low and high-dose clozapine on survival of transgenic amyotrophic lateral sclerosis mice.

Anticonvulsant potential of holy basil, *Ocimum sanctum* Linn., and its cultures.

Experience of the small size (25 mm) Sorin Bicarbon bileaflet prosthetic valve in patients with small mitral annuli.

A double-masked, randomized control trial of iron supplementation in early infancy in healthy term breast-fed infants.

Pathophysiology of the optic neuropathy associated with Friedreich ataxia.

Actin glutathionylation increases in fibroblasts of patients with Friedreich's ataxia: a potential role in the pathogenesis of the disease.

Protein-bound uremic retention solutes.

Useful interventions for intradialytic hypotension.

Tribromophenol induces the differentiation of SH-SY5Y human neuroblastoma cells in vitro.

New insights into Parkinson's disease.

Specific in vivo binding to the norepinephrine transporter demonstrated with the PET radioligand, (S,S)-[11C]MeNER.

Preconditioning of cortical neurons by oxygen-glucose deprivation: tolerance induction through abbreviated neurotoxic signaling.

Functional coupling between sulfonyleurea receptor type 1 and a nonselective cation channel in reactive astrocytes from adult rat brain.

Fatty acid metabolism in neonatal chickens (*Gallus domesticus*) treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) or 3,3',4,4',5-pentachlorobiphenyl (PCB-126) in ovo.

Mechanisms of TCDD-induced abnormalities and embryo lethality in white leghorn chickens.

Oxidative stress in liver and brain of the hatchling chicken (*Gallus domesticus*) following in ovo injection with TCDD.

Inhibition of energy metabolism down-regulates the Alzheimer related presenilin 2 gene.

Pretreatment with periodate-oxidized adenosine enhances developmental toxicity of inorganic arsenic in mice.

Protective effect of fenugreek (*Trigonella foenum graecum*) seeds in experimental ethanol toxicity.

Uncoupling protein-2 prevents neuronal death and diminishes brain dysfunction after stroke and brain trauma.

Cassava cyanogens and free amino acids in raw and cooked leaves.

Critical role for microglial NADPH oxidase in rotenone-induced degeneration of dopaminergic neurons.

Multicentre evaluation of in vitro contracture testing with bolus administration of 4-chloro-m-cresol for diagnosis of malignant hyperthermia susceptibility.

Carbon-11 labelling of 8[[3-[4-(2-[(11)C]methoxyphenyl)piperazin-1-yl]-2-hydroxypropyl]oxy]thiochroman, a presynaptic 5-HT(1A) receptor agonist, and its in vivo evaluation in anaesthetised rat and in awake cat.

Effects of perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on spatial and visual reversal learning in rats.

[Neuroimaging abnormalities in parkinsonism: study of five cases].

Large-conductance K⁺ channel openers NS1619 and NS004 as inhibitors of mitochondrial function in glioma cells.

Cardiac effects of hypocretin-1 in nucleus ambiguus.

Iron supplementation for unexplained fatigue in non-anaemic women: double blind randomised placebo controlled trial.

Neurotoxicity of polycyclic aromatic hydrocarbons and simple chemical mixtures.

Globose basal cells are required for reconstitution of olfactory epithelium after methyl bromide lesion.

[Effects of dioxins on the reproduction and development in mammals and the mechanism: up-to-date progress of study].

Facioscapulohumeral muscular dystrophy (FSHD) myoblasts demonstrate increased susceptibility to oxidative stress.

Human health effects of sodium azide exposure: a literature review and analysis.

Higher susceptibility of newborn than young rats to 3-methylphenol.

Health impacts of pesticide exposure in a cohort of outdoor workers.

The adrenal cortex in experimental congenital diaphragmatic hernia.

GVS-111 prevents oxidative damage and apoptosis in normal and Down's syndrome human cortical neurons.

Effect of low dose mono-ortho 2,3',4,4',5 pentachlorobiphenyl on thyroid hormone status and EROD activity in rat offspring: consequences for risk assessment.

Evidence for a role of protein tyrosine kinases in cell death induced by gp120 in CHP100 neuroblastoma cells.

Effect of arsenite, maternal age, and embryonic sex on spina bifida, exencephaly, and resorption rates in the splotch mouse.

Evidence of oxidative stress in familial amyloidotic polyneuropathy type 1.

A neuropsychotoxicological assessment of workers in a sodium azide production plant.

Environmental estrogens alter early development in *Xenopus laevis*.

Toxicokinetics of DL-glufosinate enantiomer in human BASTA poisoning.

Immunocapture and microplate-based activity measurement of mammalian pyruvate dehydrogenase complex.

Perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin alters activity-dependent expression of BDNF mRNA in the neocortex and male rat sexual behavior in adulthood.

Competence at the workplace.

Up-regulation of cDK5/p35 by oxidative stress in human neuroblastoma IMR-32 cells.

Neurokinin 1 receptors and neprilysin modulation of mouse bladder gene regulation.

Local energy depletion in the basal forebrain increases sleep.

Iron deficiency anemia in infancy: long-lasting effects on auditory and visual system functioning.

The Cu,Zn superoxide dismutase in neuroblastoma SK-N-BE cells is exported by a microvesicles dependent pathway.

Embryological origins and development of the rat diaphragm.

Peroxynitrite generated in the rat spinal cord induces oxidation and nitration of proteins: reduction by Mn (III) tetrakis (4-benzoic acid) porphyrin.

Perinatal exposure to low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin alters sex-dependent expression of hepatic CYP2C11.

Neocortical neurons cultured from mice with expanded CAG repeats in the huntingtin gene: unaltered vulnerability to excitotoxins and other insults.

Manganese ethylene-bis-dithiocarbamate and selective dopaminergic neurodegeneration in rat: a link through mitochondrial dysfunction.

Oxidative stress-mediated DHEA formation in Alzheimer's disease pathology.

Blockage of multidrug resistance-associated proteins potentiates the inhibitory effects of arsenic trioxide on CYP1A1 induction by polycyclic aromatic hydrocarbons.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) stimulates gonadotropin secretion in the immature female Sprague-Dawley rat through a pentobarbital- and estradiol-sensitive mechanism but does not alter gonadotropin-releasing hormone (GnRH) secretion by immortalized GnRH neurons in vitro.

Rescue of light responses in the *Drosophila* "null" phospholipase C mutant, *norpAP24*, by the diacylglycerol kinase mutant, *rdgA*, and by metabolic inhibition.

Damage to developing mouse skeletal muscle myotubes in culture: protective effect of heat shock proteins.

Cardiovascular effects of hypocretin-1 in nucleus of the solitary tract.

Pre- or post-treatment with the mitochondrial uncoupler 2,4-dinitrophenol attenuates striatal quinolinate lesions.

Protective effect of green tea polyphenol (-)-epigallocatechin gallate and other antioxidants on lipid peroxidation in gerbil brain homogenates.

Randomization of cortical microtubules in root epidermal cells induces root hair initiation in lettuce (*Lactuca sativa* L.) seedlings.

Disruption of cellulose synthesis by isoxaben causes tip swelling and disorganizes cortical microtubules in elongating conifer pollen tubes.

Blood-brain barrier transport of a novel micro 1-specific opioid peptide, H-Tyr-D-Arg-Phe-beta-Ala-OH (TAPA).

Acetylcholinesterase activity in copepods (*Tigriopus brevicornis*) from the Vilaine River estuary, France, as a biomarker of neurotoxic contaminants.

[Effect of sodium azide on learning and memory and the beta-amyloid peptide in the frontal cortex and hippocampus of rats].

Homocysteine-induced brain lipid peroxidation: effects of NMDA receptor blockade, antioxidant treatment, and nitric oxide synthase inhibition.

Similarity between the major collagens of cuttlefish cranial cartilage and cornea.

Herbimycin A induces sympathetic neuron survival and protects against hypoxia.

Analysis of sources of dioxin contamination in sediments and soils using multivariate statistical methods and neural networks.

New cerebroside from *Euphorbia peplis* L.: antimicrobial activity evaluation.

Thyroid hormone enhances the formation of synapses between cultured neurons of rat cerebral cortex.

Neurodevelopmental defects in zebrafish (*Danio rerio*) at environmentally relevant dioxin (TCDD) concentrations.

Cobalt-resistance in wall-less mutant (fz; sg; os-1) of *Neurospora crassa*.

Cardioacceleratory responses to hypocretin-1 injections into rostral ventromedial medulla.

Oxidative stress in laboratory-incubated double-crested cormorant eggs collected from the Great Lakes.

Axon mis-targeting in the olfactory bulb during regeneration of olfactory neuroepithelium.

Synthesis and brain regional distribution of [¹¹C]NPS 1506 in mice and rat: an N-methyl-D-aspartate (NMDA) receptor antagonist.

TCDD-induced expression of Ah receptor responsive genes in the pituitary and brain of cellular retinol-binding protein (CRBP-I) knockout mice.

The role of antioxidant enzymes in TCDD-induced oxidative stress in various brain regions of rats after subchronic exposure.

Inhibition of [¹⁸F]FP-TZTP binding by loading doses of muscarinic agonists P-TZTP or FP-TZTP in vivo is not due to agonist-induced reduction in cerebral blood flow.

The requirement of ammonium or other cations linked with p-cresol sulfate for cross-reactivity with a peptide of myelin basic protein.

Is the LIM-domain protein HaWLIM1 associated with cortical microtubules in sunflower protoplasts?

Phospholipase A₂, hydroxyl radicals, and lipid peroxidation in transient cerebral ischemia.

[Development of the protein therapeutics using the super anti-cell death factor FNK].

Lethal and sublethal effects of atrazine, carbaryl, endosulfan, and octylphenol on the streamside salamander (*Ambystoma barbouri*).

Toxicogenomic effects of marine brevetoxins in liver and brain of mouse.

Simulation of dioxin accumulation in human tissues and analysis of reproductive risk.

Effect of dietary co-administration of sodium selenite on sodium arsenite-induced ovarian and uterine disorders in mature albino rats.

Analysis of tryptophan and tyrosine in cerebrospinal fluid by capillary electrophoresis and "ball lens" UV-pulsed laser-induced fluorescence detection.

Photoaffinity labeling demonstrates physical contact between vasoactive intestinal peptide and the N-terminal ectodomain of the human VPAC1 receptor.

ATP and ADP hydrolysis in brain membranes of zebrafish (*Danio rerio*).

Ischemic preconditioning by caspase cleavage of poly(ADP-ribose) polymerase-1.

Preliminary biological assay on cerebroside mixture from *Euphorbia nicaeensis* All. Isolation and structure determination of five glucocerebrosides.

P-glycoprotein restricted transport of nimodipine across blood-brain barrier.

Preparation and characterization of group A meningococcal capsular polysaccharide conjugates and evaluation of their immunogenicity in mice.

Aberrant utilization of nitric oxide and regulation of soluble guanylate cyclase in rat diabetic retinopathy.

A Sco homologue plays a role in defence against oxidative stress in pathogenic *Neisseria*.

[Effect of arsenic toxicity on morphology and viability of enzyme in primary culture of rat hippocampal neurons].

Characterization of a recombinant molecule covalently indistinguishable from human cerebroside-sulfate activator protein (CSAct or Saposin B).

Triazines facilitate neurotransmitter release of synaptic terminals located in hearts of frog (*Rana ridibunda*) and honeybee (*Apis mellifera*) and in the ventral nerve cord of a beetle (*Tenebrio molitor*).

Developmental neurotoxicity of dioxin and its related compounds.

Dimethyl disulfide exerts insecticidal neurotoxicity through mitochondrial dysfunction and activation of insect K(ATP) channels.

Zebrafish as a novel experimental model for developmental toxicology.

Enhancement of neurite outgrowth-promoting activity by heparin derivatives in sodium chlorate-treated explant cultures of rat central neurons.

CZE-ICP-MS separation of metallothioneins in human brain cytosols: comparability of electropherograms obtained from different sample matrices.

Mutation or drug-dependent microtubule disruption causes radial swelling without altering parallel cellulose microfibril deposition in *Arabidopsis* root cells.

Localisation of specific heparan sulfate proteoglycans during the proliferative phase of brain development.

A cuvette-based fluorometric analysis of mitochondrial membrane potential measured in cultured astrocyte monolayers.

Reactive oxygen species mediate endotoxin-induced human dermal endothelial NF-kappaB activation.

Effects of garage employment and tobacco smoking on breathing-zone concentrations of carbonyl compounds.

A cysteine-linkable, short cleavable photoprobe with dual functionality to explore protein-protein interfaces.

Selenoprotein metabolism and function: evidence for more than one function for selenoprotein P.

Effect of p38 mitogen-activated protein kinase on the replication of encephalomyocarditis virus.

Contribution of human cytochrome p-450 isoforms to the metabolism of the simplest phenothiazine neuroleptic promazine.

An artificial amino acid, 4-iodo-L-meta-tyrosine: biodistribution and excretion via kidney.

Iron toxicity in organotypic cultures of hippocampal slices: role of reactive oxygen species.

Endogenous glutamate contributes to the maintenance of glutathione level under oxidative stress in isolated nerve terminals.

The chelating treatment is not useful in human's intoxication with acute herbicidal organic arsenic.

Induction of apoptosis in cerebellar granule cells by 2,4-dichlorophenoxyacetic acid.

Effects of early embryonal exposure to dexamethasone on malformations of neural-crest derivatives induced by nitrofen in rats.

Effects of vitamin A on malformations of neural-crest-controlled organs induced by nitrofen in rats.

Developmental exposure to the pesticides paraquat and maneb and the Parkinson's disease phenotype.

Synergistic effects of low level stressors in an oxidative damage model of spinal motor neuron degeneration.

Paraquat-induced gene expression in rat lung tissues using a differential display reverse transcription-polymerase chain reaction.

A survey of EPA/OPP and open literature on selected pesticide chemicals. III. Mutagenicity and carcinogenicity of benomyl and carbendazim.

Expression of mutant alpha-synucleins enhances dopamine transporter-mediated MPP⁺ toxicity in vitro.

Review of 2,4-dichlorophenoxyacetic acid (2,4-D) epidemiology and toxicology.

Environmental agents as cause of health disorders in children presented at an outpatient unit of environmental medicine.

Environmental risk factors and Parkinson's disease: selective degeneration of nigral dopaminergic neurons caused by the herbicide paraquat.

Teratogenic effects of amitraz, 2,4-dimethylaniline, and paraquat on developing frog (*Xenopus*) embryos.

Specific up-regulation of GADD153/CHOP in 1-methyl-4-phenyl-pyridinium-treated SH-SY5Y cells.

Role of hydroxyl radical formation in neurotoxicity as revealed by in vivo free radical trapping.

The effects of atrazine on the sexual maturation of female rats.

Increased sensitivity in dopamine D(2)-like brain receptors from 2,4-dichlorophenoxyacetic acid (2,4-D)-exposed and amphetamine-challenged rats.

Environmental chemical compounds could induce sensitization to drugs of abuse.

Birth defects, season of conception, and sex of children born to pesticide applicators living in the Red River Valley of Minnesota, USA.

Cytotoxic and endocrine-disrupting potential of atrazine, diazinon, endosulfan, and mancozeb in adrenocortical steroidogenic cells of rainbow trout exposed in vitro.

[Elucidation of paraquat poisoning mechanism and development of the neuronal death model].

Decision support systems for chemical structure representation, reaction modeling, and spectra simulation.

Differential effects of olfactory toxicants on olfactory regeneration.

Effect of diquat on the antioxidant system and cell growth in human neuroblastoma cells.

Severe propanil [N-(3,4-dichlorophenyl) propanamide] pesticide self-poisoning.

A 'single toxin-double lesion' rat model of striatonigral degeneration by intrastriatal 1-methyl-4-phenylpyridinium ion injection: a motor behavioural analysis.

Acrolein inflicts axonal membrane disruption and conduction loss in isolated guinea-pig spinal cord.

Involvement of N-methyl-D-aspartate receptors in nociception in the cyclophosphamide-induced vesical pain model in the conscious rat.

Toxicological effects of the herbicide oxyfluorfen on acetylcholinesterase in two fish species: *Oreochromis niloticus* and *Gambusia affinis*.

Evaluation of the protective effect of oestradiol against toxicity induced by 6-hydroxydopamine and 1-methyl-4-phenylpyridinium ion (Mpp+) towards dopaminergic mesencephalic neurones in primary culture.

[War and medicine in a culture of peace. 3. Synopsis of chemical warfare agents].

Enantiomeric enrichment of chiral pesticides in the environment.

Ethanol-stimulated behaviour in mice is modulated by brain catalase activity and H₂O₂ rate of production.

Thyroid status regulates CART but not AgRP mRNA levels in the rat hypothalamus.

Differential susceptibilities of serine/threonine phosphatases to oxidative and nitrosative stress.

Paraquat- and diquat-induced oxygen radical generation and lipid peroxidation in rat brain microsomes.

Inhibition of cell proliferation and AP-1 activity by acrolein in human A549 lung adenocarcinoma cells due to thiol imbalance and covalent modifications.

Neuroprotection by adenosine A_{2A} receptor blockade in experimental models of Parkinson's disease.

Simultaneous determination of pesticides using a four-band disposable optical capillary immunosensor.

The stability of cortical microtubules depends on their orientation.

Control of oxidative stress resistance by IP3 kinase in *Drosophila melanogaster*.

[Comparison of four multivariate calibration methods in simultaneous determination of air toxic organic compounds with FTIR spectroscopy].

Generation of protein adducts with malondialdehyde and acetaldehyde in muscles with predominantly type I or type II fibers in rats exposed to ethanol and the acetaldehyde dehydrogenase inhibitor cyanamide.

Amyloid formation in rat transthyretin: effect of oxidative stress.

Metabolic disturbances in fish exposed to sodium pentachlorophenate (NaPCP) and 3,3',4,4',5-pentachlorobiphenyl (PCB126), individually or combined.

Brain catalase inhibition blocks ethanol-related decrease of blood luteinizing hormone levels in mice.

Could carnosine be a naturally-occurring scavenger for acrolein and other reactive aldehydes in the brain?

Combined calcium carbimide and ethanol treatment induces high blood acetaldehyde levels, myocardial apoptosis and altered expression of apoptosis-regulating genes in rat.

Effects of furazolidone, PCB77, PCB126, Aroclor 1248, paraquat and p,p'-DDE on transketolase activity in embryonal chicken brain.

Transepithelial organic anion transport by shark choroid plexus.

Uptake of (3)H-1-methyl-4-phenylpyridinium ((3)H-MPP(+)) by human intestinal Caco-2 cells is regulated by phosphorylation/dephosphorylation mechanisms.

Age-related alteration in hepatic disposition of the neurotoxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine and pesticides.

Pentachlorophenol and hydroxylated polychlorinated biphenyl metabolites in umbilical cord plasma of neonates from coastal populations in Quilicura.

The distribution of the anti-HIV drug, 2',3'-dideoxycytidine (ddC), across the blood-brain and blood-cerebrospinal fluid barriers and the influence of organic anion transport inhibitors.

Role of mitotic motors, dynein and kinesin, in the induction of abnormal centrosome integrity and multipolar spindles in cultured V79 cells exposed to dimethylarsinic acid.

Phosphorylated alpha-synuclein is ubiquitinated in alpha-synucleinopathy lesions.

Phosphinothricin induces epileptic activity via nitric oxide production through NMDA receptor activation in adult mice.

[Human neurotoxicity of ethylene-bis-dithiocarbamates (EBDC)].

[Genetics and environmental factors of Parkinson disease].

Operational issues in the control of the vectors of *Brugia*.

Comparative toxicity study of 3-aminophenol in newborn and young rats.

Toxicology and carcinogenesis study of chloral hydrate (ad libitum and dietary controlled) (CAS no. 302-17-0) in male B6C3F1 mice (gavage study).

Interactive effect of chemical substances and occupational electromagnetic field exposure on the risk of gliomas and meningiomas in Swedish men.

Myoplasmic calcium regulation in myotubes from horses with recurrent exertional rhabdomyolysis.

Community exposures to airborne agricultural pesticides in California: ranking of inhalation risks.

Undersulfation of proteoglycans and proteins alter C6 glioma cells proliferation, adhesion and extracellular matrix organization.

Effects of sodium arsenite exposure on development and behavior in the rat.

The Coca-Cola incident in Belgium, June 1999.

Lipid metabolism and neuropsychological follow-up study of workers exposed to 2,3,7,8-tetrachlordibenzo- p-dioxin.

[Endemic spastic paraparesis (konzo)].

Effects of perinatal exposure to PCBs and dioxins on play behavior in Dutch children at school age.

On the role of monoamine oxidase-A for the maintenance of the volitional consumption of ethanol in two different rat models.

Endocrine disruption by indole-3-carbinol and tamoxifen: blockage of ovulation.

Impaired axonal transport of cortical neurons in Alzheimer's disease is associated with neuropathological changes.

Radiosensitization by overexpression of the nonphosphorylation form of IkappaB-alpha in human glioma cells.

Environmental risk factors of young onset Parkinson's disease: a case-control study.

A study on behavioral, neurotoxicological, and immunotoxicological effects of subchronic arsenic treatment in rats.

Activation of adenosine triphosphate-sensitive potassium channels confers protection against rotenone-induced cell death: therapeutic implications for Parkinson's disease.

Streptococcus sanguis modulates type II collagen-induced arthritis in DBA/1J mice.

Ethanol induces fatty acid synthesis pathways by activation of sterol regulatory element-binding protein (SREBP).

FLT3 in human hematologic malignancies.

Reversal of iron deficiency anemia-induced peripheral neuropathy by iron treatment in children with iron deficiency anemia.

[Neurotoxicity in sodium azide poisoning].

Entacapone does not induce conformational changes in liver mitochondria or skeletal muscle in vivo.

Endocrine dismodulation and cancer.

Induction of endolymphatic hydrops by directly infused monoclonal antibody against type II collagen CB11 peptide.

Effects of in utero exposure to the organophosphate insecticide fenitrothion on androgen-dependent reproductive development in the CrI:CD(SD)BR rat.

Flavopiridol inhibits vascular endothelial growth factor production induced by hypoxia or picolinic acid in human neuroblastoma.

Incidence of postoperative pain after intracanal procedures based on an antimicrobial strategy.

Persistent konzo and cyanogen toxicity from cassava in northern Mozambique.

A single mutation in the E2 glycoprotein important for neurovirulence influences binding of sindbis virus to neuroblastoma cells.

2,3,7,8-tetrachlorodibenzo-p-dioxin interacts with endogenous estradiol to disrupt prostate gland morphogenesis in male rat fetuses.

Relationship between acetaldehyde levels and cell survival in ethanol-metabolizing hepatoma cells.

Recognition and management of acute pesticide poisoning.

Animal models of Parkinson's disease.

Developmental stage-specific effects of perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on reproductive organs of male rat offspring.

2,3,7,8-Tetrachlorodibenzo-p-dioxin treatment induces c-Fos expression in the forebrain of the Long-Evans rat.

Angiotensin protects cortical neurons from hypoxic-induced apoptosis via the angiotensin type 2 receptor.

[Acute effects of methyl bromide gas in rats and mice--studies on survival time].

Recurrent stroke in a young patient with celiac disease and hyperhomocysteinemia.

Attenuation of ischemic efflux of endogenous amino acids by the novel 5-HT(1A)/5-HT(2) receptor ligand adatsanserin.

Association between chronic exposure to pesticides and recorded cases of human malignancy in Gaza Governorates (1990-1999).

NTP Technical Report on the Toxicology and Carcinogenesis Studies of Chloral Hydrate (Cas No. 302-17-0) in B6C3F1 mice (Gavage Studies).

Distinct role for microglia in rotenone-induced degeneration of dopaminergic neurons.

Suspected cresol poisoning in cattle presented for slaughter.

Maternal immune stimulation in mice decreases fetal malformations caused by teratogens.

Anti-platelet and anti-thrombotic effects of triacetylshikimic acid in rats.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin decreases serotonin-immunoreactive neurons in raphe nuclei of male mouse offspring.

An unusual case of methyl bromide poisoning.

Contaminants in feed for food-producing animals.

Monoclonal antibodies recognizing epitopes of calretinins: dependence on Ca²⁺-binding status and differences in antigen accessibility in colon cancer cells.

Effects of prenatal PCB and dioxin background exposure on cognitive and motor abilities in Dutch children at school age.

2,3,7,8-tetrachlorobenzo-p-dioxin inhibits proliferation of SK-N-SH human neuronal cells through decreased production of reactive oxygen species.

Electron paramagnetic resonance backbone dynamics studies on spin-labelled neuropeptide Y analogues.

Constitutive and TCDD-induced expression of Ah receptor-responsive genes in the pituitary.

H₂O₂ activates ryanodine receptor but has little effect on recovery of releasable Ca²⁺ content after fatigue.

Antagonism of NMDA receptors by sigma receptor ligands attenuates chemical ischemia-induced neuronal death in vitro.

Regulation of directional expansion by the cortical microtubule array in roots of *Lemna minor*.

Extravascular collagen in the human epileptic brain: a potential substrate for aberrant cell migration in cases of temporal lobe epilepsy.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the expression of synaptic proteins in dissociated rat cortical cells.

Methylene blue restores spatial memory retention impaired by an inhibitor of cytochrome oxidase in rats.

Expression, cellular distribution and induction of cytochrome p4501A (CYP1A) in gilthead seabream, *Sparus aurata*, brain.

Oxidant and antioxidant activities in childhood meningitis.

Effects of entacapone and tolcapone on mitochondrial membrane potential.

Bioavailability of the isomer mixture of phytoene and phytofluene-rich alga *Dunaliella bardawil* in rat plasma and tissues.

Internalization of basic fibroblast growth factor at the mouse blood-brain barrier involves perlecan, a heparan sulfate proteoglycan.

Hemorrhagic cystitis as an unexpected adverse reaction to temozolomide: case report.

Transport of the organic cations gonyautoxin 2/3 epimers, a paralytic shellfish poison toxin, through the human and rat intestinal epitheliums.

Mutant alleles of Arabidopsis RADIALLY SWOLLEN 4 and 7 reduce growth anisotropy without altering the transverse orientation of cortical microtubules or cellulose microfibrils.

[¹¹C]Mirtazapine for PET neuroimaging: radiosynthesis and initial evaluation in the living porcine brain.

Analysis of paraquat, diquat and two diquat metabolites in biological materials by high-performance liquid chromatography.

The leading role of mitochondrial depolarization in the mechanism of glutamate-induced disruptions in Ca²⁺ homeostasis.

Evidence that amyloid beta-peptide-induced lipid peroxidation and its sequelae in Alzheimer's disease brain contribute to neuronal death.

[Biosensor of the reactor type based on Rhodococcus erythropolis HL TM-1 cells for determining 2,4-dinitrophenol].

2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in the zebrafish embryo: local circulation failure in the dorsal midbrain is associated with increased apoptosis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in the zebrafish embryo: local circulation failure in the dorsal midbrain is associated with increased apoptosis.

Lipid peroxidation in aging brain and Alzheimer's disease.

Nonylphenol polyethoxylate adjuvant mitigates the reproductive toxicity of fomesafen on the freshwater snail Lymnaea stagnalis in outdoor experimental ponds.

Resistance of isolated mammalian spinal cord white matter to oxygen-glucose deprivation.

The effect of oxidative stress on ERalpha and ERbeta expression.

Carbon-11 labeled radioligands for imaging brain cannabinoid receptors.

Development of a high throughput screening assay for mitochondrial membrane potential in living cells.

Isolation and structure determination of six glucocerebrosides from the starfish Luidia maculata.

Tissue-specific expression of AHR2, ARNT2, and CYP1A in zebrafish embryos and larvae: effects of developmental stage and 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

The slow axonal transport of the microtubule-associated protein tau and the transport rates of different isoforms and mutants in cultured neurons.

Selective formation of certain advanced glycation end products in spinal cord astrocytes of humans and mice with superoxide dismutase-1 mutation.

The effect of ascorbic acid and ethanol on the level of thiobarbituric acid reactive substances (TBARS) in selected tissues of albino BALB/c mice.

Induction and inhibition of aromatase (CYP19) activity by various classes of pesticides in H295R human adrenocortical carcinoma cells.

Mitochondrial sequestration and Ca(2+)-dependent release of cytosolic Zn(2+) loads in cortical neurons.

A tyrosine kinase regulates propofol-induced modulation of the beta-subunit of the GABA(A) receptor and release of intracellular calcium in cortical rat neurones.

Effect of vehicle on brain uptake of [11C]toluene.

Induction of oxidative stress in the tissues of rats after chronic exposure to TCDD, 2,3,4,7,8-pentachlorodibenzofuran, and 3,3',4,4',5-pentachlorobiphenyl.

Comparative effects of TCDD, endrin, naphthalene and chromium (VI) on oxidative stress and tissue damage in the liver and brain tissues of mice.

Effect of MPTP on Dopamine metabolism in Ames dwarf mice.

Sensory nerve-mediated nasal vasodilatory response to inspired ethyl acrylate.

Functional expression and localization of P-glycoprotein at the blood brain barrier.

Effects of inhaled methyl bromide gas on the metabolic system and kinetics of bromine ion in rats.

Sexually dimorphic nonreproductive behaviors as indicators of endocrine disruption.

Evidence that GABAergic neurons in the preoptic area of the rat brain are targets of 2,3,7,8-tetrachlorodibenzo-p-dioxin during development.

Lipid peroxidation in neurodegeneration: new insights into Alzheimer's disease.

Thyroid toxicity due to subchronic exposure to a complex mixture of 16 organochlorines, lead, and cadmium.

Microfilament-dependent movement of the beta3 integrin subunit within focal contacts of endothelial cells.

Benzo(a)pyrene, but not 2,3,7,8-tetrachlorodibenzo-p-dioxin, alters cell adhesion proteins in human uterine RL95-2 cells.

Development of an in vitro test battery for the estimation of acute human systemic toxicity: An outline of the EDIT project. Evaluation-guided Development of New In Vitro Test Batteries.

Stimulation of nitric oxide synthase in cerebral cortex due to elevated partial pressures of oxygen: an oxidative stress response.

Emissions of aldehydes and ketones from a two-stroke engine using ethanol and ethanol-blended gasoline as fuel.

Induction of CYP1A1 and CYP1A2 expressions by prototypic and atypical inducers in the human lung.

Laminar disorganisation of mitral cells in the olfactory bulb does not affect topographic targeting of primary olfactory axons.

Complestatin antagonizes the AMPA/kainate-induced neurotoxicity in cultured chick telencephalic neurons.

PET evaluation of a tetracyclic, atypical antidepressant, [N-methyl-11C]mianserin, in the living porcine brain.

Plant mitochondria move on F-actin, but their positioning in the cortical cytoplasm depends on both F-actin and microtubules.

Correlation between GABA release from rat islet beta-cells and their metabolic state.

Role of the cytoskeleton in mediating effect of vasopressin and herbimycin A on secretory K channels in CCD.

HSP90 inhibitors alter capsaicin- and ATP-induced currents in rat dorsal root ganglion neurons.

Characterization of 2-amino-4,5-dichlorophenol (2A45CP) in vitro toxicity in renal cortical slices from male Fischer 344 rats.

[Changes of thioredoxin mRNA level in neurons insulted by sodium azide].

The production of macrophage inflammatory protein-2 induced by soluble intercellular adhesion molecule-1 in mouse astrocytes is mediated by src tyrosine kinases and p42/44 mitogen-activated protein kinase.

Sexually dimorphic alterations of brain cortical dominance in rats prenatally exposed to TCDD.

UV-irradiated DNA matrixes selectively bind endocrine disruptors with a planar structure.

Nitric oxide inactivation in brain by a novel O₂-dependent mechanism resulting in the formation of nitrate ions.

The action of the herbicide 2,4-dichlorophenoxyacetic acid on the isolated sciatic nerve of the frog (*Rana ridibunda*).

Oxidative stress in rat cortical neurons and astrocytes induced by paraquat in vitro.

Immobilized earthworm fibrinolytic enzyme III-1 with carbonyldiimidazole activated-agarose.

Transplacental effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the temporal modulation of Sp1 DNA binding in the developing cerebral cortex and cerebellum.

Urocortin, but not urocortin II, protects cultured hippocampal neurons from oxidative and excitotoxic cell death via corticotropin-releasing hormone receptor type I.

Multidrug-resistance mdr1a/1b double knockout mice are more sensitive than wild type mice to acute arsenic toxicity, with higher arsenic accumulation in tissues.

Changes in fetal brain aromatase activity following in utero 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in rats.

Ferritin induction protects cortical astrocytes from heme-mediated oxidative injury.

Functional properties of EGFP-tagged skeletal muscle calcium-release channel (ryanodine receptor) expressed in COS-7 cells: sensitivity to caffeine and 4-chloro-m-cresol.

Airborne carbonyls from motor vehicle emissions in two highway tunnels.

Olfactory responses of *Plutella xylostella* natural enemies to host pheromone, larval frass, and green leaf cabbage volatiles.

PET imaging of dopamine transporters in the human brain using [(11)C]-beta-CPPIT, a cocaine derivative lacking the 2 beta-ester function.

Ethanol metabolism and transcription factor activation in pancreatic acinar cells in rats.

Unique Ca(2+)-activated ATPase in the nervous ganglia of *Phyllocaulis soleiformis* (Mollusca).

Inhibition of catalase activity with 3-amino-triazole enhances the cytotoxicity of the Alzheimer's amyloid-beta peptide.

Morphological study of 5-HT neurons and astroglial cells on brain of adult rats perinatal or chronically exposed to 2,4-dichlorophenoxyacetic acid.

Subacute toxicity of anilofos, a new organophosphorus herbicide in male rats: effect on lipid peroxidation and ATPase activity.

Subacute toxicity of anilofos, a new organophosphorus herbicide, in male rats: effect on some physical attributes and acetylcholinesterase activity.

Paraquat in developing countries.

Effects of chloro-s-triazine herbicides and metabolites on aromatase activity in various human cell lines and on vitellogenin production in male carp hepatocytes.

A test system to evaluate the susceptibility of Oregon, USA, native stream invertebrates to triclopyr and carbaryl.

Dilute diquat death.

Mechanisms of MPP(+) incorporation into cerebellar granule cells.

Inhibition of oxygen consumption by pentachlorophenol and tetrachloroguaiacol in rainbow trout (*Oncorhynchus mykiss*).

Effect of isoproteron pretreatment on the biochemical toxicodynamics of anilofos in male rats.

Decreased plasma and cerebrospinal fluid glutamine concentrations in a patient with bialaphos poisoning.

A test battery for the ecotoxicological evaluation of pentachlorophenol.

Glutathione elevation and its protective role in acrolein-induced protein damage in synaptosomal membranes: relevance to brain lipid peroxidation in neurodegenerative disease.

Arsenic induces apoptosis in rat cerebellar neurons via activation of JNK3 and p38 MAP kinases.

Release of dopamine by perfusion with 1-methyl-4-phenylpyridinium ion (MPP(+)) into the striatum is associated with hydroxyl free radical generation.

Carrier-mediated processes in blood--brain barrier penetration and neural uptake of paraquat.

Assessment of pentachlorophenol-exposed timber workers using a test-of-poisoning model.

Metabolic complications of organophosphate and carbamate poisoning.

Toxic effects of MPP(+) and MPTP in PC12 cells independent of reactive oxygen species formation.

Decreased expression of the NADH:ubiquinone oxidoreductase (complex I) subunit 4 in 1-methyl-4-phenylpyridinium -treated human neuroblastoma SH-SY5Y cells.

Cleavage of Bax is mediated by caspase-dependent or -independent calpain activation in dopaminergic neuronal cells: protective role of Bcl-2.

Glufosinate ammonium induces convulsion through N-methyl-D-aspartate receptors in mice.

Parkinsonism after glycine-derivate exposure.

Protective effects of 1 alpha,25-(OH)(2)D(3) against the neurotoxicity of glutamate and reactive oxygen species in mesencephalic culture.

Proteasome inhibition in oxidative stress neurotoxicity: implications for heat shock proteins.

Acute diquat poisoning with intracerebral bleeding.

L-Deprenyl prevents the cell hypoxia induced by dopaminergic neurotoxins, MPP(+) and beta-carbolinium: a microdialysis study in rats.

Intracerebral administration of 2,4-dichlorophenoxyacetic acid induces behavioral and neurochemical alterations in the rat brain.

Prosaptide D5, a retro-inverso 11-mer peptidomimetic, rescued dopaminergic neurons in a model of Parkinson's disease.

Attenuation of paraquat-induced dopaminergic toxicity on the substantia nigra by (-)-deprenyl in vivo.

A concise review of the toxicity and carcinogenicity of dimethylarsinic acid.

Effect of the herbicide glyphosate on enzymatic activity in pregnant rats and their fetuses.

Developmental toxicity studies in rats and rabbits on 2,4-dichlorophenoxyacetic acid and its forms.

Acrolein is increased in Alzheimer's disease brain and is toxic to primary hippocampal cultures.

No parallel relationship between nitric oxide production and wet dog shakes susceptible to nitric oxide synthase inhibitors following systemic administration of paraquat in rats.

Effects of diquat, an aquatic herbicide, on the development of mallard embryos.

Glutamate is not involved in the MPP⁺-induced dopamine overflow in the striatum of freely moving C57BL/6 mice.

Association of elevated blood levels of pentachlorophenol (PCP) with cellular and humoral immunodeficiencies.

Dehydroepiandrosterone inhibits the death of immunostimulated rat C6 glioma cells deprived of glucose.

Arsenic-induced congenital malformations in genetically susceptible folate binding protein-2 knockout mice.

Substantia nigra neuromelanin: structure, synthesis, and molecular behaviour.

Serum dioxin and cognitive functioning among veterans of Operation Ranch Hand.

Serum dioxin and peripheral neuropathy in veterans of Operation Ranch Hand.

Dependence of excitotoxic neurodegeneration on mitochondrial aconitase inactivation.

Pesticides directly accelerate the rate of alpha-synuclein fibril formation: a possible factor in Parkinson's disease.

GAPDH knockdown rescues mesencephalic dopaminergic neurons from MPP⁺-induced apoptosis.

Hyperbaric oxygenation pretreatment induces catalase and reduces infarct size in ischemic rat myocardium.

Evaluation of acute sensory--motor effects and test sensitivity using termiticide workers exposed to chlorpyrifos.

Hydrogen peroxide removal and glutathione mixed disulfide formation during metabolic inhibition in mesencephalic cultures.

Differential role of superoxide and glutathione in S-nitrosoglutathione-mediated apoptosis: a rationale for mild forms of familial amyotrophic lateral sclerosis associated with less active Cu,Zn superoxide dismutase mutants.

Nitric oxide enhances MPP⁽⁺⁾-induced hydroxyl radical generation via depolarization activated nitric oxide synthase in rat striatum.

Increased susceptibility of copper-deficient neuroblastoma cells to oxidative stress-mediated apoptosis.

Chronic low-level administration of diquat increases the nociceptive response to gastric distension in rats: role of mast cells and tachykinin receptor activation.

Strain-dependent susceptibility to MPTP and MPP(+)-induced parkinsonism is determined by glia.

Glyphosate inhibits melanization of *Cryptococcus neoformans* and prolongs survival of mice after systemic infection.

Prepro-orexin mRNA levels in the rat hypothalamus, and orexin receptors mRNA levels in the rat hypothalamus and adrenal gland are not influenced by the thyroid status.

Acrolein inhibits respiration in isolated brain mitochondria.

Caspase-3 activation induced by inhibition of mitochondrial complex I is facilitated by glycogen synthase kinase-3beta and attenuated by lithium.

P34(cdc2) kinase is associated with cortical microtubules from higher plant protoplasts.

Cholinergic nerves mediate acetaldehyde action in the gastrointestinal tract.

Sensory-nerve-mediated nasal vasodilatory response to inspired acetaldehyde and acetic acid vapors.

Effects of S-ethyl hexahydro-1H-azepine-1-carbothioate (molinate) on di-n-butyl dichlorovinyl phosphate (DBDCVP) neuropathy.

Brain catalase activity is highly correlated with ethanol-induced locomotor activity in mice.

Impaired activity of the extraneuronal monoamine transporter system known as uptake-2 in *Orct3/Slc22a3*-deficient mice.

The influence of oxidative stress on catalase and MnSOD gene transcription in astrocytes.

Auxin distribution and transport during embryonic pattern formation in wheat.

Involvement of cortical microtubules in plastic extension regulated by gibberellin in *Lemna minor* root.

Acute effect of ethanol on 7-hydroperoxycholesterol in muscle and liver.

In vitro quantitative analysis of (3)H-uracil incorporation by *Sarcocystis neurona* to determine efficacy of anti-protozoal agents.

Unmasking the progesterone receptor in the preoptic area and hypothalamus of the ewe: no colocalization with gonadotropin-releasing neurons.

Transport of [3H]MPP+ in an immortalized rat brain microvessel endothelial cell line (RBE 4).

Atrazine effects on testosterone levels and androgen-dependent reproductive organs in peripubertal male rats.

Acetaldehyde, a metabolite of ethanol, activates the hypothalamic-pituitary-adrenal axis in the rat.

Taurine modulates catalase, aldehyde dehydrogenase, and ethanol elimination rates in rat brain.

Alteration of catecholamines in pheochromocytoma (PC12) cells in vitro by the metabolites of chlorotriazine herbicide.

Changes in expression of NMDA receptor subunit mRNA by perinatal exposure to dioxin.

[Effect of sideropenic anemia and its therapy on serum levels of leptin].

Neurotoxicity of MPTP.

Reduced expression of neuronal nicotinic acetylcholine receptors during the early stages of damage by oxidative stress in PC12 cells.

Mutations to Gly2370, Gly2373 or Gly2375 in malignant hyperthermia domain 2 decrease caffeine and cresol sensitivity of the rabbit skeletal-muscle Ca²⁺-release channel (ryanodine receptor isoform 1).

Biochemical, neuropsychological, and neurological abnormalities following 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure.

[Epidemiology of soft tissue sarcomas in adults].

Three cases of acute methyl bromide poisoning in a seedling farm family.

T-cell-based immunity counteracts the potential toxicity of glutamate in the central nervous system.

Chronic fatigue syndrome (CFS) associated with *Staphylococcus* spp. bacteremia, responsive to potassium arsenite 0.5% in a veterinary surgeon and his coworking wife, handling with CFS animal cases.

Complestatin is a noncompetitive peptide antagonist of N-methyl-D-aspartate and alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid/kainate receptors: secure blockade of ischemic neuronal death.

Risk factors of Parkinson's disease in Indian patients.

Social functioning, psychological functioning, and quality of life in epilepsy.

Cell swelling and a nonselective cation channel regulated by internal Ca²⁺ and ATP in native reactive astrocytes from adult rat brain.

Parkinsonism and occupational exposure to pesticides.

Ecological variation of intake of cassava food and dietary cyanide load in Nigerian communities.

Late confirmation of acute methyl bromide poisoning using S-methylcysteine adduct testing.

Contribution of Mn-cofactored superoxide dismutase (SodA) to the virulence of *Streptococcus agalactiae*.

Highly sulfated forms of heparin sulfate are involved in Japanese encephalitis virus infection.

Use of cDNA microarrays to analyze dioxin-induced changes in human liver gene expression.

[A case of chronic methyl bromide intoxication showing symmetrical lesions in the basal ganglia and brain stem on magnetic resonance imaging].

Expression of glutathione-S-transferase isozyme in the SY5Y neuroblastoma cell line increases resistance to oxidative stress.

Prenatal testosterone and luteinizing hormone levels in male rats exposed during pregnancy to 2,3,7,8-tetrachlorodibenzo-p-dioxin and diethylstilbestrol.

Chronic toxicity of dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin to mink.

Polychlorinated biphenyl serum levels in pregnant subjects with diabetes.

3,4-Dichlorophenylhydroxylamine cytotoxicity in renal cortical slices from Fischer 344 rats.

The effects of sodium arsenite exposure on behavioral parameters in the rat.

Effects of chronic sodium azide on brain and muscle cytochrome oxidase activity: a potential model to investigate environmental contributions to neurodegenerative diseases.

Neural crest-derived defects in experimental congenital diaphragmatic hernia.

Impaired ovulation by 2,3,7,8 tetrachlorodibenzo-p-dioxin (TCDD) in immature rats treated with equine chorionic gonadotropin.

Environmental pesticide exposure as a risk factor for Alzheimer's disease: a case-control study.

Rhinotopy is disrupted during the re-innervation of the olfactory bulb that follows transection of the olfactory nerve.

Absence of estrogen receptor-alpha expression in human ovarian clear cell adenocarcinoma compared with ovarian serous, endometrioid, and mucinous adenocarcinoma.

Parkinson's disease, pesticides and mitochondrial dysfunction.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and diindolylmethanes differentially induce cytochrome P450 1A1, 1B1, and 19 in H295R human adrenocortical carcinoma cells.

Comparative analysis of amyloid-beta chemical structure and amyloid plaque morphology of transgenic mouse and Alzheimer's disease brains.

Comparative biodistribution and metabolism of carbon-11-labeled N-[2-(dimethylamino)ethyl]acridine-4-carboxamide and DNA-intercalating analogues.

Dissociation of enzymatic and pharmacological properties of piratoxins-I and -III, two myotoxic phospholipases A2 from Bothrops pirajai snake venom.

The Belgian PCB and dioxin incident of January-June 1999: exposure data and potential impact on health.

Central retinal vein occlusion and nonarteritic ischemic optic neuropathy in 2 patients with mild iron deficiency anemia.

N-methyl-D-aspartate receptor-mediated mitochondrial Ca(2+) overload in acute excitotoxic motor neuron death: a mechanism distinct from chronic neurotoxicity after Ca(2+) influx.

Androgen receptor antagonism by the organophosphate insecticide fenitrothion.

Identification by mass spectrometry of a new alpha-tubulin isotype expressed in human breast and lung carcinoma cell lines.

Characterization of endogenous amino acid efflux from hippocampal slices during chemically-induced ischemia.

Autism and Parkinson's disease.

Ethanol activates NFkappaB DNA binding and p56lck protein tyrosine kinase in human osteoblast-like cells.

Dopaminergic cell death induced by MPP(+), oxidant and specific neurotoxicants shares the common molecular mechanism.

2,3,7,8-tetrachlorodibenzo-p-dioxin decreases responsiveness of the hypothalamus to estradiol as a feedback inducer of preovulatory gonadotropin secretion in the immature gonadotropin-primed rat.

Bcl-2 overexpression decreases BCNU sensitivity of a human glioblastoma line through enhancement of catalase activity.

Protein kinase inhibitors can suppress stress-induced dissociation of Hsp27.

Synthesis and evaluation of anticonvulsant activities of some new arylhexahydropyrimidine-2,4-diones.

Iron deficiency anemia.

Insecticidal activity of glufosinate through glutamine depletion in a caterpillar.

Protein tyrosine kinase-dependent regulation of adenylate cyclase and phosphatidylinositol 3-kinase activates the expression of glial fibrillary acidic protein upon induction of differentiation in rat c6 glioma.

Sodium azide treatment decreases striatal and cortical concentrations of alpha-tocopherol in rats.

Aryl hydrocarbon receptor signaling plays a significant role in mediating benzo[a]pyrene- and cigarette smoke condensate-induced cytogenetic damage in vivo.

Organochlorine contaminants and biomarker response in double-crested cormorants nesting in Green Bay and Lake Michigan, Wisconsin, USA.

Lauryl gallate inhibits the activity of protein tyrosine kinase c-Src purified from human platelets.

Sarcoplasmic reticulum Ca(2+) content affects 4-CmC and caffeine contractures of rat skinned skeletal muscle fibers.

Cyclophosphamide induces caspase 9-dependent apoptosis in 9L tumor cells.

Cyclic AMP increases the survival of ganglion cells in mixed retinal cell cultures in the absence of exogenous neurotrophic molecules, an effect that involves cholinergic activity.

Memory effect on the dioxin emissions from municipal waste incinerator in Taiwan.

N-Acetylneuraminic acid uptake in *Pasteurella (Mannheimia) haemolytica* A2 occurs by an inducible and specific transport system.

Acute exposure to organochlorine pesticides does not affect striatal dopamine in mice.

Differential effects of two lots of aroclor 1254: congener-specific analysis and neurochemical end points.

Embryonic development assay with *Daphnia magna*: application to toxicity of aniline derivatives.

Lipid peroxidation end products-responses-induced induction of a preneoplastic marker enzyme glutathione S-transferase P-form (GST-P) in rat liver on administration via the portal vein.

Two signal transduction pathways involved in the catecholaminergic differentiation of avian neural crest-derived cells in vitro.

Vicianin, prunasin, and beta-cyanoalanine in common vetch seed as sources of urinary thiocyanate in the rat.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) inhibition of coronary development is preceded by a decrease in myocyte proliferation and an increase in cardiac apoptosis.

Glial cell-derived neurotrophic factor (GDNF)-induced migration and signal transduction in corneal epithelial cells.

Inhibition of apoptosis in rat hepatocytes treated with 'non-dioxin-like' polychlorinated biphenyls.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on corticotrophin-releasing hormone, arginine vasopressin, and pro-opiomelanocortin mRNA levels in the hypothalamus of the cynomolgus monkey.

Functional expression of P-glycoprotein in rat brain microglia.

Reductions in systemic oxygen delivery induce a hypometabolic state in the turtle *Trachemys scripta*.

Neuroendocrine and behavioral implications of endocrine disrupting chemicals in quail.

Suppression of Ca²⁺ influx through L-type voltage-dependent calcium channels by hydroxyl radical in mouse cerebral cortical neurons.

Preconditioning-induced neuroprotection is mediated by reactive oxygen species and activation of the transcription factor nuclear factor-kappaB.

Inhibition of creatine kinase activity in rat brain by methyl bromide gas.

An ATP-sensitive K(+) conductance in dissociated neurones from adult rat intracardiac ganglia.

Fatal poisoning by butachlor and chlornitrofen ingested from a bottle marked as nitrofen.

Protection of sodium arsenite-induced ovarian toxicity by coadministration of L-ascorbate (vitamin C) in mature wistar strain rat.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptotic cell death and cytochrome P4501A expression in developing *Fundulus heteroclitus* embryos.

Cancer isoform of a tumor-associated cell surface NADH oxidase (tNOX) has properties of a prion.

Altered operant responding for motor reinforcement and the determination of benchmark doses following perinatal exposure to low-level 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Olfactory memory in the mosquito *Culex quinquefasciatus*.

Turgor pressure regulation and the orientation of cortical microtubules in *Spirogyra* cells.

Early indicators of response in biologically based risk assessment for nongenotoxic carcinogens.

Modulation of excitability in *Aplysia* tail sensory neurons by tyrosine kinases.

Skin surface electric potential induced by ion-flux through epidermal cell layers.

Strategies for neuroprotection against L-trans-2,4-pyrrolidine dicarboxylate-induced neuronal damage during energy impairment in vitro.

2, 3, 7, 8-tetrachlorodibenzo-p-dioxin induces apoptosis in the dorsal midbrain of zebrafish embryos by activation of arylhydrocarbon receptor.

Requirement of chondroitin sulfate/dermatan sulfate recognition in midkine-dependent migration of macrophages.

Production of superoxide anion, lipid peroxidation and DNA damage in the hepatic and brain tissues of rats after subchronic exposure to mixtures of TCDD and its congeners.

Polychlorinated biphenyls, polychlorinated dibenzo-p-dioxins, and polychlorinated dibenzofurans as endocrine disrupters--what we have learned from Yusho disease.

Cyclopentenone prostaglandins as potential inducers of intracellular oxidative stress.

Further definition of the substance P (SP)/neurokinin-1 receptor complex. MET-174 is the site of photoinsertion p-benzoylphenylalanine⁴ SP.

Effect of arsenite on certain aspects of protein metabolism in fresh water teleost, *Tilapia mossambica* (Peters).

Toxicology of metam sodium.

Fibroblast growth factor receptor 2 (FGFR2) in brain neurons and retinal pigment epithelial cells act via stimulation of neuroendocrine L-type channels (Ca^v1.3).

Astrocytes overexpressing Cu,Zn superoxide dismutase have increased resistance to oxidative injury.

Effects of staurosporine, U-73122, wortmannin, 4-hydroxynonenal and sodium azide upon the release of secreted beta-amyloid precursor protein from human platelets in response to thrombin stimulation.

Quantitative exposure assessment: application of physiologically-based pharmacokinetic (PBPK) modeling of low-dose, long-term exposures of organic acid toxicant in the brain.

Cryptococcus neoformans induces macrophage inflammatory protein 1alpha (MIP-1alpha) and MIP-1beta in human microglia: role of specific antibody and soluble capsular polysaccharide.

Age-related changes in energy production in fresh senescence-accelerated mouse brain slices as revealed by positron autoradiography.

Acyl-CoA-binding protein in the armadillo Harderian gland: its primary structure and possible role in lipid secretion.

Intensely positively charged perineuronal nets in the adult rat brain as detected by staining with anionic iron colloid.

Kinetics of monochloroacetic acid in adult male rats after intravenous injection of a subtoxic and a toxic dose.

In situ hybridization and immunohistochemical analysis of cytochrome P450 1B1 expression in human normal tissues.

Outside-in signaling pathway linked to CD146 engagement in human endothelial cells.

Toxic effects of arsenic (III) on some hematopoietic and central nervous system variables in rats and guinea pigs.

Acclimative changes in root epidermal cell fate in response to Fe and P deficiency: a specific role for auxin?

Survival and proliferation of alginate encapsulated *Trichoderma* spp. in Egyptian soil in comparison with allyl alcohol soil fumigation.

Measurement of plasma metabolites of (S)-5-[123I]iodo-3-(2-azetidylmethoxy)pyridine (5-IA-85380), a nicotinic acetylcholine receptor imaging agent, in nonhuman primates.

The nigrostriatal dopaminergic system as a preferential target of repeated exposures to combined paraquat and maneb: implications for Parkinson's disease.

The antioxidant ebselen prevents neurotoxicity and clinical symptoms in a primate model of Parkinson's disease.

Folic acid protects SWV/Fnn embryo fibroblasts against arsenic toxicity.

Evolution of alachlor-induced nasal neoplasms in the Long-Evans rat.

Modeling and predicting selected immunological effects of a chemical stressor (3,4-dichloropropionilide) using the area under the corticosterone concentration versus time curve.

The effect of atrazine on puberty in male wistar rats: an evaluation in the protocol for the assessment of pubertal development and thyroid function.

Acrolein, a product of lipid peroxidation, inhibits glucose and glutamate uptake in primary neuronal cultures.

Effects of carbofuran, diuron, and nicosulfuron on acetylcholinesterase activity in goldfish (*Carassius auratus*).

Hypothalamo-pituitary-adrenal axis activation by administration of cyanamide: a potent inhibitor of aldehyde dehydrogenase.

Cancer mortality in four northern wheat-producing states.

Glufosinate ammonium stimulates nitric oxide production through N-methyl D-aspartate receptors in rat cerebellum.

A novel leg-shaking *Drosophila* mutant defective in a voltage-gated K(+) current and hypersensitive to reactive oxygen species.

Potentiated and preferential effects of combined paraquat and maneb on nigrostriatal dopamine systems: environmental risk factors for Parkinson's disease?

A meta-analysis of Parkinson's disease and exposure to pesticides.

Differential modulation of catecholamines by chlorotriazine herbicides in pheochromocytoma (PC12) cells in vitro.

The selective toxicity of 1-methyl-4-phenylpyridinium to dopaminergic neurons: the role of mitochondrial complex I and reactive oxygen species revisited.

2,4-Dichlorophenoxyacetic acid disrupts the cytoskeleton and disorganizes the Golgi apparatus of cultured neurons.

Estrogen reduces acute striatal dopamine responses in vivo to the neurotoxin MPP+ in female, but not male rats.

Correlating the severity of paraquat poisoning with specific hemodynamic and oxygen metabolism variables.

Cholinesterase activity and hematological parameters as biomarkers of sublethal molinate exposure in *Anguilla anguilla*.

Alterations on AChE activity of the fish *Anguilla anguilla* as response to herbicide-contaminated water.

NMDA receptor activation: critical role in oxidant tissue injury.

Cyanamide-induced liver dysfunction after abstinence in alcoholics: a long-term follow-up study on four cases.

A fatal case of chlorate poisoning: confirmation by ion chromatography of body fluids.

Suppression of paraquat-induced wet dog shakes by nitric oxide synthase inhibitors in rats.

1-Methyl-6,7-dihydroxy-1,2,3,4-tetrahydroisoquinoline (salsolinol) is toxic to dopaminergic neuroblastoma SH-SY5Y cells via impairment of cellular energy metabolism.

2,4-Dichlorophenoxyacetic acid in developing rats alters behaviour, myelination and regions brain gangliosides pattern.

Detection of 2,4-dichlorophenoxyacetic acid (2,4-D) residues in neonates breast-fed by 2,4-D exposed dams.

Atrazine disrupts the hypothalamic control of pituitary-ovarian function.

6-Hydroxydopamine toxicity towards human SH-SY5Y dopaminergic neuroblastoma cells: independent of mitochondrial energy metabolism.

A case of transient diabetes insipidus associated with poisoning by a herbicide containing glufosinate.

A case of fatal diquat poisoning: toxicokinetic data and autopsy findings.

Mechanisms of toxicity, clinical features, and management of diquat poisoning: a review.

Mechanisms of toxicity, clinical features, and management of acute chlorophenoxy herbicide poisoning: a review.

Developmental toxicity studies in rats and rabbits with 3,5,6-trichloro-2-pyridinol, the major metabolite of chlorpyrifos.

Hepatic disposition of neurotoxins and pesticides.

Disrupted mitochondrial electron transport function increases expression of anti-apoptotic bcl-2 and bcl-X(L) proteins in SH-SY5Y neuroblastoma and in Parkinson disease cybrid cells through oxidative stress.

Nonoxidative protein glycation is implicated in familial amyotrophic lateral sclerosis with superoxide dismutase-1 mutation.

Results of dental amalgam removal and mercury detoxification using DMPS and neural therapy.

Cyclophosphamide-induced cystitis in freely-moving conscious rats: behavioral approach to a new model of visceral pain.

Dystrophin mutations predict cellular susceptibility to oxidative stress.

Interaction among mitochondria, mitogen-activated protein kinases, and nuclear factor-kappaB in cellular models of Parkinson's disease.

2-Chloro-s-triazine herbicides induce aromatase (CYP19) activity in H295R human adrenocortical carcinoma cells: a novel mechanism for estrogenicity?

Potassium chloride depolarization enhances MPP⁺-induced hydroxyl radical generation in the rat striatum.

Metabolic effects of 1-methyl-4-phenylpyridinium (MPP⁺) in primary neuron cultures.

Inhibition of cellular action of thrombin by N3-cyclopropyl-7-[[4-(1-methylethyl)phenyl]methyl]-7H-pyrrolo[3, 2-f]quinazoline-1,3-diamine (SCH 79797), a nonpeptide thrombin receptor antagonist.

Acute ethanol decreases NPY mRNA but not POMC mRNA in the arcuate nucleus.

Prevention of 1-methyl-4-phenylpyridinium- and 6-hydroxydopamine-induced nitration of tyrosine hydroxylase and neurotoxicity by EUK-134, a superoxide dismutase and catalase mimetic, in cultured dopaminergic neurons.

Relationship of MTT reduction to stimulants of muscle metabolism.

Deuterium isotope effects and product studies for the oxidation of N(omega)-allyl-L-arginine and N(omega)-allyl-N(omega)-hydroxy-L-arginine by neuronal nitric oxide synthase.

MPP⁺ injection into rat substantia nigra causes secondary glial activation but not cell death in the ipsilateral striatum.

A psychopharmacological study of the relationship between brain catalase activity and ethanol-induced locomotor activity in mice.

Xenobiotic-mediated production of superoxide by primary cultures of rat cerebral endothelial cells, astrocytes, and neurones.

Fiber optic biosensor using *Chlorella vulgaris* for determination of toxic compounds.

Cyanamide-induced activation of the hypothalamo-pituitary-adrenal axis.

Detection of toxic chemicals with high sensitivity by measuring the quantity of induced P450 mRNAs based on surface plasmon resonance.

Stimulatory effect of trans-cinnamaldehyde on noradrenaline secretion in guinea-pig ileum myenteric nerve terminals.

Immunologic effects of background exposure to polychlorinated biphenyls and dioxins in Dutch preschool children.

Nonspecific stimulation of the maternal immune system. I. Effects On teratogen-induced fetal malformations.

In vivo labeling of mitochondrial complex I (NADH:ubiquinone oxidoreductase) in rat brain using [(3)H]dihydrorotenone.

[Membrane disorder and free radical].

[Diagnosis of acute poisoning].

Pharmacological treatment of obesity. Past, present, and future.

Effect of *Withania somnifera* glycowithanolides on iron-induced hepatotoxicity in rats.

Acceleration of phosphatidylcholine synthesis and breakdown by inhibitors of mitochondrial function in neuronal cells: a model of the membrane defect of Alzheimer's disease.

New substituted 1-(2,3-dihydrobenzo[1,4]dioxin-2-ylmethyl)piperidin-4-yl derivatives with alpha(2)-adrenoceptor antagonist activity.

[Effect of sodium azide on mitochondrial membrane potential in SH-SY5Y human neuroblastoma cells].

SERCA function declines with age in adrenergic nerves from the superior cervical ganglion.

Subjective symptoms due to solvent mixtures, dioxin, and toluene: impact of exposure versus personality factors.

Central versus peripheral mediation of naloxone's perfusion effects in endotoxic rats.

Pseudomonas pickettii: a common soil and groundwater aerobic bacteria with pathogenic and biodegradation properties.

Cloning and functional expression of rKCNQ2 K(+) channel from rat brain.

Effects of polychlorinated biphenyls on the nervous system.

Characterization and sequence elucidation of a novel peptide with molt-inhibiting activity from the South African spiny lobster, *Jasus lalandii*.

Immunological and in-vivo neurological studies on a benzoic acid-specific T cell-derived antigen-binding molecule from the serum of a toluene-sensitive patient.

Changes in free and esterified cholesterol: hallmarks of acute renal tubular injury and acquired cytoresistance.

Application of capillary electrophoresis in clinical chemistry: the clinical value of urinary modified nucleosides.

Rapid inhibition by sodium azide of the phosphoinositide-mediated calcium response to serotonin stimulation in human platelets: preservation in Alzheimer's disease.

Parental occupational exposures and risk of neuroblastoma: a case-control study (United States).

Reproductive, neuroendocrine, and immune consequences of acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in the Siberian hamster.

Redistribution of accumulated 2,3,7,8-tetrachlorodibenzo-p-dioxin during coxsackievirus B3 infection in the mouse.

Inhibitory effects of nitric oxide and nitrosative stress on dopamine-beta-hydroxylase.

Radial arm maze performance in rats following gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Apolipoprotein E allele-dependent antioxidant activity in brains with Alzheimer's disease.

NT2 neurons, a classical model for Alzheimer's disease, are highly susceptible to oxidative stress.

Structural and functional characterization of BnSP-7, a Lys49 myotoxic phospholipase A(2) homologue from *Bothrops neuwiedi pauloensis* venom.

Preconditioning-induced neuroprotection is mediated by reactive oxygen species.

Childhood cancer in the offspring of male sawmill workers occupationally exposed to chlorophenolate fungicides.

Retinal degeneration in licensed pesticide applicators.

Effect of adenosine on adenosine triphosphate-sensitive potassium channel during hypoxia in rat hippocampal neurons.

Astrocytes generate isoprostanes in response to trauma or oxygen radicals.

Active movement of T cells away from a chemokine.

p-Cresol sulfate is the dominant component of urinary myelin basic protein like material.

Dioxins: WHO's tolerable daily intake (TDI) revisited.

Human health effects after exposure to 2,3,7,8-TCDD.

Non-carcinogenic effects of TCDD in animals.

Immobilization of plant histaminase for medical applications.

Isolation of a 41-kDa protein with cell adhesion activity for animal tumor cells from the mushroom *Hypsizygus marmoreus* by affinity chromatography with type IV collagen immobilized on agarose.

Parkinson's disease mortality and pesticide exposure in California 1984-1994.

Improved selective, simple, and contrast staining of acidophilic neurons with vanadium acid fuchsin.

Expression of neuronal nitric oxide synthase/NADPH-diaphorase during olfactory deafferentation and regeneration.

P2Y(2) receptor-mediated proliferation of C(6) glioma cells via activation of Ras/Raf/MEK/MAPK pathway.

v-Src suppresses SHPS-1 expression via the Ras-MAP kinase pathway to promote the oncogenic growth of cells.

Risk factors in the early diagnosis of ALS: North American epidemiological studies. ALS CARE Study Group.

Increase of specific symptoms after long-term use of chlorophenol polluted drinking water in a community.

CDC investigations of noninfectious outbreaks of adverse events in hemodialysis facilities, 1979-1999.

[Clinical experience with the use of benzylalcohol and amyl-m-cresol (Strepsils) in stomatological diseases].

Drug-induced oesophageal disorders: pathogenesis, incidence, prevention and management.

Neurokinin-1 (NK-1) receptor is required in antigen-induced cystitis.

Chronic mitochondrial inhibition induces selective motoneuron death in vitro: a new model for amyotrophic lateral sclerosis.

Toxic action/toxicity.

Effects of TCDD on thyroid hormone homeostasis in the rat.

Anemia: a cause of intolerance to thyroxine sodium.

Regional differences in hypoxic depolarization and swelling in hippocampal slices.

Selective increase in cellular A beta 42 is related to apoptosis but not necrosis.

Mass psychogenic illness attributed to toxic exposure at a high school.

Death caused by a letter bomb.

Central nervous system toxicity and early peripheral neuropathy following dermal exposure to methyl bromide.

Environmental exposure to polychlorinated biphenyls (PCBs) and dioxins. Consequences for longterm neurological and cognitive development of the child lactation.

The future relationship between the media, the food industry and the consumer.

Cytokine-inducing activity and antitumor effect of a liposome-incorporated interferon-gamma-inducing molecule derived from OK-432, a streptococcal preparation.

Regulation of microglial tyrosine phosphorylation in response to neuronal injury.

Pathogenesis of cleft palate in mouse embryos exposed to 2,3,7, 8-tetrachlorodibenzo-p-dioxin (TCDD).

Inhibition of I kappaB-alpha phosphorylation at serine and tyrosine acts independently on sensitization to DNA damaging agents in human glioma cells.

A multicenter study of 4-chloro-m-cresol for diagnosing malignant hyperthermia susceptibility.

An Historical Review of Steps and Missteps in the Discovery of Anti-Obesity Drugs.

Pharmacological profile of nitrenergic nerve-, nitric oxide-, nitrosoglutathione- and hydroxylamine-induced relaxations of the rat duodenum.

Pathways of dehydroepiandrosterone formation in rat brain glia.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters hippocampal astroglia-neuronal gap junctional communication.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the expression of cytochrome P450 1A1, the aryl hydrocarbon receptor, and the aryl hydrocarbon receptor nuclear translocator in rat brain and pituitary.

Lipid alterations in transient forebrain ischemia: possible new mechanisms of CDP-choline neuroprotection.

Powering an inorganic nanodevice with a biomolecular motor.

Distribution of mRNAs encoding the arylhydrocarbon receptor, arylhydrocarbon receptor nuclear translocator, and arylhydrocarbon receptor nuclear translocator-2 in the rat brain and brainstem.

Monomethylarsonic acid reductase and monomethylarsonous acid in hamster tissue.

Advanced glycation endproduct-modified superoxide dismutase-1 (SOD1)-positive inclusions are common to familial amyotrophic lateral sclerosis patients with SOD1 gene mutations and transgenic mice expressing human SOD1 with a G85R mutation.

Chronic toxicity of arsenic in goats: clinicobiochemical changes, pathomorphology and tissue residues.

Effects of NMDA and ferrous sulfate on oxidation and cell death in primary neuronal cultures.

Adrenocorticotropin (ACTH) and corticosterone secretion by perfused pituitary and adrenal glands from rodents exposed to 2,3,7, 8-tetrachlorodibenzo-p-dioxin (TCDD).

Air bag injury and the dermatologist.

Developmental and tissue-specific expression of AHR1, AHR2, and ARNT2 in dioxin-sensitive and -resistant populations of the marine fish *Fundulus heteroclitus*.

Hemodynamic dysfunction and cytochrome P4501A mRNA expression induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin during embryonic stages of lake trout development.

Effects of arsenite on central monoamines and plasmatic levels of adrenocorticotrophic hormone (ACTH) in mice.

Simultaneous analysis of delta9-THC and its major metabolites in urine, plasma, and meconium by GC-MS using an immunoaffinity extraction procedure.

Differential susceptibility of retinal ganglion cells to reactive oxygen species.

Arsenite-induced apoptosis in cortical neurons is mediated by c-Jun N-terminal protein kinase 3 and p38 mitogen-activated protein kinase.

Differential effects of 4-chloro-m-cresol and caffeine on skinned fibers from rat fast and slow skeletal muscles.

ATP-sensitive potassium channels in freshly dissociated adult rat striatal neurons: activation by metabolic inhibitors and the dopaminergic receptor agonist quinpirole.

Doxorubicin represses CARP gene transcription through the generation of oxidative stress in neonatal rat cardiac myocytes: possible role of serine/threonine kinase-dependent pathways.

Determination of the phospholipid precursor of anandamide and other N-acyl ethanolamine phospholipids before and after sodium azide-induced toxicity in cultured neocortical neurons.

Effects of sodium azide on the secretion of soluble amyloid-beta precursor protein and the accumulation of beta-amyloid(1-40) in cultured chick neurons.

Actions of epoxyeicosatrienoic acid on large-conductance Ca(2+)-activated K(+) channels in pituitary GH(3) cells.

Differential sensitivity to hydroxyl radicals of pre- and postjunctional neurovascular transmission in the isolated canine mesenteric vein.

Protein-tyrosine phosphatase reduces the number of apical small conductance K⁺ channels in the rat cortical collecting duct.

Molecular characterization and developmental expression of the aryl hydrocarbon receptor from the chick embryo.

Dioxin-like and non-dioxin-like toxic effects of polychlorinated biphenyls (PCBs): implications for risk assessment.

Ventricular preexcitation sensitive to flecainide in late stage chick embryo ECGs: 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs inotropic but not chronotropic or dromotropic responses to isoproterenol and confers resistance to flecainide.

Influence of lipid peroxidation on the nicotinic acetylcholine receptors in PC12 cells.

Pathological changes of hepatic artery and portal vein, after allyl-alcohol and carbon tetrachloride administration. An experimental study.

Thyroidal dysfunction and environmental chemicals--potential impact on brain development.

Cloning and functional characterization of the bile acid-sensitive methotrexate carrier from rat liver cells.

Attenuation of pressure-induced myogenic contraction and tyrosine phosphorylation by fasudil, a cerebral vasodilator, in rat cerebral artery.

A novel function of thyrotropin as a potentiator of electrolyte secretion from the tracheal gland.

Chelating agents for uranium(VI): 2. Efficacy and toxicity of tetradentate catecholate and hydroxypyridinonate ligands in mice.

Neuroeffector transmission to different layers of smooth muscle in the rat penile bulb.

The relative abilities of TCDD and its congeners to induce oxidative stress in the hepatic and brain tissues of rats after subchronic exposure.

Formation and release of residues of the ¹⁴C-labelled herbicide isoproturon and its metabolites bound in model polymers and in soil.

Adhesion of Fibroblasts to Immobilized alpha(2)-Macroglobulin.

Use of the pH memory effect in lyophilized proteins to achieve preferential methylation of alpha-amino groups.

Rat cortical neuron cultures: an in vitro model for differentiating mechanisms of chemically induced neurotoxicity.

Primary structure of CHH/MIH/GIH-like peptides in sinus gland extracts from *Penaeus vannamei*.

Oxidative stress in female B6C3F1 mice following acute and subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Hypoxia induces transcription of the plasminogen activator inhibitor-1 gene through genistein-sensitive tyrosine kinase pathways in vascular endothelial cells.

TCDD induces CYP1A4 and CYP1A5 in chick liver and kidney and only CYP1A4, an enzyme lacking arachidonic acid epoxygenase activity, in myocardium and vascular endothelium.

Free malondialdehyde determination in rat brain tissue by capillary zone electrophoresis: evaluation of two protein removal procedures.

Role of p53 tumor suppressor gene in the toxicity of TCDD, endrin, naphthalene, and chromium (VI) in liver and brain tissues of mice.

Determination of the disulfide bond arrangement of Newcastle disease virus hemagglutinin neuraminidase. Correlation with a beta-sheet propeller structural fold predicted for paramyxoviridae attachment proteins.

NTP Toxicology and Carcinogenesis Studies of Pyridine (CAS No. 110-86-1) in F344/N Rats, Wistar Rats, and B6C3F1 Mice (Drinking Water Studies).

In-vivo and in-vitro evidence of a carrier-mediated efflux transport system for oestrone-3-sulphate across the blood-cerebrospinal fluid barrier.

Protective effect of L-phenylalanine on rat brain acetylcholinesterase inhibition induced by free radicals.

ATP-stimulated c-fos and zif268 mRNA expression is inhibited by chemical hypoxia in a rat brain-derived type 2 astrocyte cell line, RBA-2.

Thiobencarb-induced embryotoxicity in medaka (*Oryzias latipes*): stage-specific toxicity and the protective role of chorion.

Differential induction of tumor necrosis factor alpha and manganese superoxide dismutase by endotoxin in human monocytes: role of protein tyrosine kinase, mitogen-activated protein kinase, and nuclear factor kappaB.

Metal-catalyzed oxidation of brain-derived neurotrophic factor (BDNF): analytical challenges for the identification of modified sites.

Pathways of neurosteroid biosynthesis in cell lines from human brain: regulation of dehydroepiandrosterone formation by oxidative stress and beta-amyloid peptide.

Neurofilament-L is a protein phosphatase-1-binding protein associated with neuronal plasma membrane and post-synaptic density.

Respiratory state and phosphatidylserine import in brain mitochondria in vitro.

Effect of the carbamate "aldicarb" on acetyl cholinesterase extracted from whole and different parts of rat brain (in vitro and in vivo studies).

Enhancement of transport of D-melphalan analogue by conjugation with L-glutamate across bovine brain microvessel endothelial cell monolayers.

Carbonic anhydrase activators - part 21. Novel activators of isozymes I, II and IV incorporating carboxamido and ureido histamine moieties.

[Chemical accident in SchÃ¶nbeck--an assessment of the risk to health and environment].

Protein tyrosine kinase regulates the number of renal secretory K channels.

Neurotrophic factors protect cortical synaptic terminals against amyloid and oxidative stress-induced impairment of glucose transport, glutamate transport and mitochondrial function.

Effects of the chlorotriazine herbicide, cyanazine, on GABA(A) receptors in cortical tissue from rat brain.

Rapid lethal intoxication caused by the herbicide glyphosate-trimesium (Touchdown).

Estrous cycle patterns of Sprague-Dawley rats during acute and chronic atrazine administration.

Maternal exposure to atrazine during lactation suppresses suckling-induced prolactin release and results in prostatitis in the adult offspring.

A mechanism of paraquat toxicity involving nitric oxide synthase.

Effect of chloridazone on the animal organism.

Persistent health effects of dioxin contamination in herbicide production.

Glufosinate and a surfactant: which component produces effects on the central nervous system in acute oral BASTA poisoning?

Aberrant copper chemistry as a major mediator of oxidative stress in a human cellular model of amyotrophic lateral sclerosis.

Porphyria and chemicals.

Acute basagran poisoning mimicking neuroleptic malignant syndrome.

Selenium-dependent cellular glutathione peroxidase protects mice against a pro-oxidant-induced oxidation of NADPH, NADH, lipids, and protein.

Degeneration and gliosis in rat retina and central nervous system following 3,3'-iminodipropionitrile exposure.

Behavioral alterations induced in rats by a pre- and postnatal exposure to 2,4-dichlorophenoxyacetic acid.

[Methemoglobinemia caused by accidental poisoning with metolachlor and metobromuron].

Long-term exposure to wood-preserving chemicals containing pentachlorophenol and lindane is related to neurobehavioral performance in women.

A toxicokinetic analysis in a patient with acute glufosinate poisoning.

Pentachlorophenol exposure in women with gynecological and endocrine dysfunction.

Toxic action of the herbicide 2,4-D on the neuroepithelial synapse and on the nonstimulated skin of the frog *Caudiverbera caudiverbera*.

Reproductive and neurobehavioural toxicity study of chlorpropham in mice.

Paraquat myopathy: report on two suicide cases.

[Effect of beta-carotene oil and bee pollen on ion transport in rat brain slices following radiation-chemical exposure].

Reduced levels of catalase activity potentiate MPP⁺-induced toxicity: comparison between MN9D cells and CHO cells.

Clinical course of a fatal ingestion of diquat.

Vaginally applied diquat intoxication.

Reproductive disturbance caused by an S-triazine herbicide in pigs.

Endocrine, immune, and behavioral effects of aldicarb (carbamate), atrazine (triazine) and nitrate (fertilizer) mixtures at groundwater concentrations.

Cytotoxic effect of paraquat on rat C6 glioma cells: evidence for the possibility of non-oxidative damage to the cells.

The early phase of apoptosis in human neuroblastoma CHP100 cells is characterized by lipoxygenase-dependent ultraweak light emission.

Current status of acrolein as a lipid peroxidation product.

Paraquat elicited neurobehavioral syndrome caused by dopaminergic neuron loss.

Motor neuron degeneration is attenuated in bax-deficient neurons in vitro.

Protein-bound acrolein: a novel marker of oxidative stress in Alzheimer's disease.

Higher content of insulin-like growth factor-I in dystrophic mdx mouse: potential role in the spontaneous regeneration through an electrophysiological investigation of muscle function.

Auxin is required for leaf vein pattern in Arabidopsis.

Sensory nerve-mediated immediate nasal responses to inspired acrolein.

Peroxynitrite mediated damage and lowered superoxide tolerance in primary cortical glial cultures after induction of the inducible isoform of NOS.

Daily injections of cyanamide enhance both ethanol-induced locomotion and brain catalase activity.

Ethanol has differential effects on rat neuron and thymocyte reactive oxygen species levels and cell viability.

Transendothelial permeability changes induced by free radicals in an in vitro model of the blood-brain barrier.

Cyanamide reduces brain catalase and ethanol-induced locomotor activity: is there a functional link?

Evidence for oestrogen receptor alpha-immunoreactivity in gonadotrophin-releasing hormone-expressing neurones.

Evidence for extensive distribution of oestrogen receptor alpha-immunoreactivity in the cerebral cortex of adult rats.

EmrE, a small Escherichia coli multidrug transporter, protects Saccharomyces cerevisiae from toxins by sequestration in the vacuole.

Acrolein cytotoxicity and glutathione depletion in n-3 fatty acid sensitive- and resistant human tumor cells.

Environmental, medical, and family history risk factors for Parkinson's disease: a New England-based case control study.

Apamin-sensitive conductance mediates the K(+) current response during chemical ischemia in CA3 pyramidal cells.

Rapid diagnosis of tuberculous meningitis by a dot immunobinding assay To detect mycobacterial antigen in cerebrospinal fluid specimens.

[Biological actions of acetaldehyde].

Species differences in arsenic-mediated renal copper accumulation: a comparison between rats, mice and guinea pigs.

Environmental risk factors in Parkinson's disease.

Arsenic-induced oxidative stress and its reversibility following combined administration of N-acetylcysteine and meso 2,3-dimercaptosuccinic acid in rats.

Effects of exposure to 3,3',4,4',5-pentachlorobiphenyl (PCB 126) throughout gestation and lactation on behavior (concurrent random interval-random interval and progressive ratio performance) in rats.

Responses to hypoxia of petrosal ganglia in vitro.

[A technic using MRI. A comparative study of 3 anesthetic technics of the inferior alveolar nerve].

Health communication and consumer behavior on meat in Belgium: from BSE until dioxin.

[The intracellular mechanism of NF-kappa B activation involved in iNOS and chemokine induction in C6 glioma cells].

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) severely alters reproductive function of female hamster offspring.

Multiple antioxidants in the prevention and treatment of Parkinson's disease.

Reinnervation of the rat olfactory bulb after methyl bromide-induced lesion: timing and extent of reinnervation.

[Occupational agents and endocrine function: an update of the experimental and human evidence].

Cardiovascular malformations in congenital diaphragmatic hernia: human and experimental studies.

Teratogenic response to arsenite during neurulation: relative sensitivities of C57BL/6J and SWV/Fnn mice and impact of the *spotch* allele.

Balloon angioplasty induces heat shock protein 70 in human blood vessels.

The stabilization of ferrous iron by a toxic beta-amyloid fragment and by an aluminum salt.

Immunocytochemical identification of islet cells containing calcitonin gene-related peptide-like immunoreactivity in the plains rat pancreas (*Pseudomys australis*).

Food toxins, ampa receptors, and motor neuron diseases.

Allergy to bovine beta-lactoglobulin: specificity of human IgE to tryptic peptides.

Pheomelanin as a binding site for drugs and chemicals.

Secreted form of amyloid precursor protein enhances basal glucose and glutamate transport and protects against oxidative impairment of glucose and glutamate transport in synaptosomes by a cyclic GMP-mediated mechanism.

Attenuation of cortical neuronal apoptosis by gangliosides.

Regulation of matrix metalloproteinase-2 (MMP-2) by hepatocyte growth factor/scatter factor (HGF/SF) in human glioma cells: HGF/SF enhances MMP-2 expression and activation accompanying up-regulation of membrane type-1 MMP.

Dietary restriction and 2-deoxyglucose administration improve behavioral outcome and reduce degeneration of dopaminergic neurons in models of Parkinson's disease.

Comparison of neurotoxic effects and potential risks from oral administration or ingestion of tricresyl phosphate and jet engine oil containing tricresyl phosphate.

Central control of blood pressure by nitrergic mechanisms in organum vasculosum laminae terminalis of rat brain.

Absence of effect of seven functional mutations in the CYP2D6 gene in Parkinson's disease.

Increased risk of sensory neuropathy in workers with chloracne after exposure to 2,3,7,8-polychlorinated dioxins and furans.

Analysis of urinary nitric oxide metabolites in healthy subjects.

Genetics, drugs and environmental factors in Parkinson's disease. A case-control study.

Protoporphyrin IX fluorescence kinetics in C6 glioblastoma cells after delta-aminolevulinic acid incubation: effect of a protoporphyrinogen oxidase inhibitor.

Heat shock protein expression protects against cerebral ischemia and monoamine overload in rat heatstroke.

Biochemistry of hemlock (*Conium maculatum* L.) alkaloids and their acute and chronic toxicity in livestock. A review.

Transient nuclear factor kappaB (NF-kappaB) activation stimulated by interleukin-1beta may be partly dependent on proteasome activity, but not phosphorylation and ubiquitination of the IkappaBalpha molecule, in C6 glioma cells. Regulation of NF-kappaB linked to chemokine production.

Learning and memory in rats gestationally and lactationally exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Transcriptional up-regulation of matrix metalloproteinase-9 expression during spontaneous epithelial to neuroblast phenotype conversion by SK-N-SH neuroblastoma cells, involved in enhanced invasivity, depends upon GT-box and nuclear factor kappaB elements.

N-acetylneuraminic acid transport by *Streptococcus oralis* strain AR3.

Chemical burn with systemic cresol intoxication.

Energy metabolism inhibition impairs amyloid precursor protein secretion from Alzheimer's fibroblasts.

Ex vivo evaluation of a Taylor-Couette flow, immobilized heparinase I device for clinical application.

[Oxidative injury and its defense system in vivo].

Tumor necrosis factor-alpha stimulates attachment of small cell lung carcinoma to endothelial cells.

Modifications to rat lens major intrinsic protein in selenite-induced cataract.

Relationships between environmental organochlorine contaminant residues, plasma corticosterone concentrations, and intermediary metabolic enzyme activities in Great Lakes herring gull embryos.

Quantification of axonal damage in traumatic brain injury: affinity purification and characterization of cerebrospinal fluid tau proteins.

Dioxin-induced perturbations in tryptophan homeostasis in laboratory animals.

[Neuropathy induced by insecticides].

Long-pulse dye laser for photodynamic therapy: investigations in vitro and in vivo.

Pulmonary neuroendocrine cells in nitrofen-induced diaphragmatic hernia and the effect of prenatal glucocorticoids.

[Changes in lipid metabolism with the use of alcohol deterrent preparations].

Use of indirectly immobilized recombinant p17 antigen for detection of antibodies to HIV-1 by enzyme immunoassay.

Effect of exposure to 3,3',4,4',5-pentachlorobiphenyl (PCB 126) throughout gestation and lactation on development and spatial delayed alternation performance in rats.

Inhibitory mechanisms of glycoprotein fraction derived from *Miscanthus sinensis* for the immediate phase response of an IgE-mediated cutaneous reaction.

Poly(ADP ribose) polymerase cleavage precedes neuronal death in the hippocampus and cerebellum following injury to the developing rat forebrain.

Trovafloxacin: an overview.

Cytotoxicity of cadmium and characteristics of its transport in cardiomyocytes.

Oxidative stress increases ubiquitin--protein conjugates in synaptosomes.

Characterization of recombinant human brain-derived neurotrophic factor variants.

Ecto-ATPase activity in the rat cardiac muscle: biochemical characteristics and histochemical localization.

The sources, fate, and toxicity of chemical warfare agent degradation products.

Activity-dependent neurotrophic factor peptide (ADNF9) protects neurons against oxidative stress-induced death.

Methyl iodide toxicity in rat cerebellar granule cells in vitro: the role of glutathione.

2-Amino-5-chlorophenol toxicity in renal cortical slices from Fischer 344 rats: effect of antioxidants and sulfhydryl agents.

Voltage-dependent block of normal and mutant muscle sodium channels by 4-Chloro-m-Cresol.

Promotion of skeletal muscle differentiation by K252a with tyrosine phosphorylation of focal adhesion: a possible involvement of small GTPase Rho.

Acute peroxide treatment of rat hippocampal slices induces adenosine-mediated inhibition of excitatory transmission in area CA1.

Identification and immunolocalization of two isoforms of ATP-diphosphohydrolase (ATPDase) in the pig immune system.

ATP-induced opposite changes in the local environments around Cys(697) (SH2) and Cys(707) (SH1) of the myosin motor domain revealed by the prodan fluorescence.

[Toxin-binding activity of cyanogen bromide cleaved peptide fragments of the Chinese-cobra serum antitoxic protein].

Methyl bromide decreases excitability without having immediate toxic effects in rat hippocampal CA1 neurons in vitro.

Slow transport of unpolymerized tubulin and polymerized neurofilament in the squid giant axon.

[Effect of inoculation time on the survival of spores of *Gliocladium roseum* on geranium leaves.].

Oral phosphate binders: phosphate binding capacity of iron (III) hydroxide complexes containing saccharides and their effect on the urinary excretion of calcium and phosphate in rats.

Early effects of protein kinase modulators on DNA synthesis in rat cerebral cortex.

Role of the outward delayed rectifier K⁺ current in ceramide-induced caspase activation and apoptosis in cultured cortical neurons.

High-performance liquid chromatographic-fluorescent method to determine chloroacetaldehyde, a neurotoxic metabolite of the anticancer drug ifosfamide, in plasma and in liver microsomal incubations.

Nitric oxide acts as a postsynaptic signaling molecule in calcium/calmodulin-induced synaptic potentiation in hippocampal CA1 pyramidal neurons.

The role of calcium stores in fatigue of isolated single muscle fibres from the cane toad.

Cortical NADH during pharmacological manipulations of the respiratory chain and spreading depression in vivo.

In vivo and in vitro evidence of blood-brain barrier transport of a novel cationic arginine-vasopressin fragment 4-9 analog.

Bioassay-directed identification of organic toxicants in river sediment in the industrial region of bitterfeld (Germany)-A contribution to hazard assessment.

Identification of a novel cytosolic tocopherol-binding protein: structure, specificity, and tissue distribution.

Choline uptake by mouse brain capillary endothelial cells in culture.

Redesignation of a purported P1.15 subtype-specific meningococcal monoclonal antibody as a P1.19-specific reagent.

Taurine antagonizes calcium overload induced by glutamate or chemical hypoxia in cultured rat hippocampal neurons.

Characterization of the neuroprotective and toxic effects of alpha7 nicotinic receptor activation in PC12 cells.

Characterization of glycine transport in cultured Müller glial cells from the retina.

Increases in $[Ca^{2+}]_i$ and changes in intracellular pH during chemical anoxia in mouse neocortical neurons in primary culture.

Mutagenesis of two conserved tryptophan residues of the E-type ATPases: inactivation and conversion of an ecto-apyrase to an ecto-NTPase.

The effects of oxidative stress in in vitro cultured astroglial cells.

The effect of EGF on electrolyte transport is mediated by tyrosine kinases in the rabbit cortical collecting duct.

Active transport of fentanyl by the blood-brain barrier.

Polychlorinated dibenzo-p-dioxins and related compounds: correlations of levels in human tissues and in blood.

Investigation of a whole blood fluidized bed Taylor-Couette flow device for enzymatic heparin neutralization.

[The application of artificial neural network in QSAR research of PCDD].

Measurement of sarcoplasmic reticulum Ca^{2+} content in intact amphibian skeletal muscle fibres with 4-chloro-m-cresol.

ECM-stimulated actin bundle formation in embryonic corneal epithelia is tyrosine phosphorylation dependent.

Central nervous system effects of intranasally administered insulin during euglycemia in men.

Neurons exhibiting dopamine D2 receptor immunoreactivity in the substantia nigra of the mutant weaver mouse.

Glucose-receptive neurones in the rat ventromedial hypothalamus express KATP channels composed of Kir6.1 and SUR1 subunits.

NK1-receptor activation prevents hydrocarbon-induced lung injury in mice.

Forensic analysis of acute fatal poisonings in the southern districts of Trinidad.

A Preliminary Comparison of Liver Beads[®] with a Conventional Rat Hepatocyte Culture Preparation: Some Aspects of Xenobiotic Metabolism and Related Toxicity.

Novel co-operation between eotaxin and substance-P in inducing eosinophil-derived neurotoxin release.

Effects of in vivo sodium azide administration on the immunohistochemical localization of kynurenine aminotransferase in the rat brain.

Phosphotyrosine signalling as a regulator of neural crest cell adhesion and motility.

Neuroendocrine and reproductive effects of contemporary-use pesticides.

Radical ideas: genetic responses to oxidative stress.

The lipid peroxidation product 4-hydroxynonenal impairs glutamate and glucose transport and choline acetyltransferase activity in NSC-19 motor neuron cells.

Spatial and temporal changes in chondroitin sulfate distribution in the sclerotome play an essential role in the formation of migration patterns of mouse neural crest cells.

Use of new microbiotests with *Daphnia magna* and *Selenastrum capricornutum* immobilized forms.

Involvement of capsaicin-sensitive nerves in paraquat-induced mortality.

Paraquat-induced cell death in PC12 cells.

The nature of antioxidant defense mechanisms: a lesson from transgenic studies.

Health effects of occupational pentachlorophenol exposure in timber sawmill employees: a preliminary study.

MPP⁺ toxicity and plasma membrane dopamine transporter: study using cell lines expressing the wild-type and mutant rat dopamine transporters.

Effects of environmental synthetic chemicals on thyroid function.

Low-level exposure to diquat induces a neurally mediated intestinal hypersecretion in rats: involvement of nitric oxide and mast cells.

Mice with a homozygous null mutation for the most abundant glutathione peroxidase, Gpx1, show increased susceptibility to the oxidative stress-inducing agents paraquat and hydrogen peroxide.

Two cases of glufosinate poisoning with late onset convulsions.

The organochlorine herbicide chloridazon interacts with cell membranes.

Paraquat: a useful tool for the in vivo study of mechanisms of neuronal cell death.

Clinical experience with pendimethalin (STOMP) poisoning in Taiwan.

A case-referent study of extrapyramidal signs (preparkinsonism) in rural communities of Israel.

[Lethal paraquat poisoning caused by spraying in a vinyl greenhouse of causing pulmonary fibrosis with a hepatorenal dysfunction].

Exposure to Agent Orange and occurrence of soft-tissue sarcomas or non-Hodgkin lymphomas: an ongoing study in Vietnam.

Acute 2,4-dichlorophenoxyacetic acid intoxication in broiler chicks.

Genetic and environmental risk factors in Parkinson's disease.

Kaposi's sarcoma in dog with acquired immunodeficiency after phosphate poisoning.

Neurological effects of glufosinate poisoning with a brief review.

Regional vulnerability to endogenous and exogenous oxidative stress in organotypic hippocampal culture.

The protective effect of 17 beta-estradiol on vasomotor responses of aorta from cholesterol-fed rabbit is reduced by inhibitors of superoxide dismutase and catalase.

Cytokine-mediated induction of ceramide production is redox-sensitive. Implications to proinflammatory cytokine-mediated apoptosis in demyelinating diseases.

Chloracne and morbidity after dioxin exposure (preliminary results).

Prolonged swimming, recovery and repeat swimming performance of mature sockeye salmon *Oncorhynchus nerka* exposed to moderate hypoxia and pentachlorophenol.

A morbidity study of former pentachlorophenol-production workers.

Feeding fish oil to rats accelerates the metabolism of hexachlorobenzene.

Exposure to dioxin and nonneoplastic mortality in the expanded IARC international cohort study of phenoxy herbicide and chlorophenol production workers and sprayers.

Environmental risk factors for Parkinson's disease in an urban multiethnic community.

Periplasmic superoxide dismutase in meningococcal pathogenicity.

Regionally specific changes in central brain monoamine levels by 2,4-dichlorophenoxyacetic acid in acute treated rats.

Oxidative stress and hypoxia/reoxygenation trigger CD95 (APO-1/Fas) ligand expression in microglial cells.

Electronic spin resonance detection of superoxide and hydroxyl radicals during the reductive metabolism of drugs by rat brain preparations and isolated cerebral microvessels.

Immunocytochemical localization of Fos in perfused nonhuman primate brain tissue: fixation and antisera selection.

Drinking patterns in genetic low-alcohol-drinking (LAD) rats after systemic cyanamide and cerebral injections of THP or 6-OHDA.

Metaquat, a paraquat isomer isolated from an arrow poison.

Muscle cells from mdx mice have an increased susceptibility to oxidative stress.

Intrahippocampal injection of paraquat produces apoptotic cell death which is prevented by the lazaroïd U74389G, in rats.

Paraquat-induced free radical reaction in mouse brain microsomes.

Body weight loss and changes in tryptophan homeostasis by chlorinated dibenzo-p-dioxin congeners in the most TCDD-susceptible and the most TCDD-resistant rat strain.

Health effects associated with sulfuric fluoride and methyl bromide exposure among structural fumigation workers.

Concentrated cresol intoxication.

IL-12 enhances antibody responses to T-independent polysaccharide vaccines in the absence of T and NK cells.

Correlation analysis of pesticide use data and cancer incidence rates in California counties.

Modification of tau to an Alzheimer's type protein interferes with its interaction with microtubules.

Tissue residues in male chickens fed a 50 ng/kg dietary concentration of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Lack of effect of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) throughout gestation and lactation on multiple fixed interval-fixed ratio and DRL performance in rats.

A large mouth ulcer, caused by a ferrous sulphate tablet in direct contact with oral mucosa in a patient with senile dementia.

PKC and tyrosine kinase involvement in amyloid beta (25-35)-induced chemotaxis of microglia.

Zoxazolamine-induced paralysis in two rat substrains: differences in hepatic drug metabolism.

Heat shock proteins: protective effect and potential therapeutic use (review).

S 18126 ([2-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)piperazin-1-yl methyl]indan-2-yl]), a potent, selective and competitive antagonist at dopamine D4 receptors: an in vitro and in vivo comparison with L 745,870 (3-(4-[4-chlorophenyl]piperazin-1-yl)methyl-1H-pyrrolo[2,3b]pyridine) and raclopride.

Molecular analysis of collagens in bladder fibrosis.

Case-control study of occupational exposures and male breast cancer.

Isolation of a variant which has reduced Src activity from SH-SY5Y neuroblastoma cells.

[Dioxins: current knowledge about health effects].

Stimulation of the stress-induced expression of stress proteins by curcumin in cultured cells and in rat tissues in vivo.

Allergy to bovine beta-lactoglobulin: specificity of human IgE using cyanogen bromide-derived peptides.

Altered regulation of L-type channels by protein kinase C and protein tyrosine kinases as a pathophysiologic effect in retinal degeneration.

Thermoregulation in rats exposed perinatally to dioxin: core temperature stability to altered ambient temperature, behavioral thermoregulation, and febrile response to lipopolysaccharide.

Heat shock protein expression protects against death following exposure to heatstroke in rats.

A case-control study of occupational and environmental risk factors for Parkinson's disease in the Emilia-Romagna region of Italy.

The neurotoxicity of polychlorinated biphenyls.

Calcitonin gene-related peptide expression is altered in pulmonary neuroendocrine cells in developing lungs of rats with congenital diaphragmatic hernia.

Manganese: a transition metal protects nigrostriatal neurons from oxidative stress in the iron-induced animal model of parkinsonism.

Cyclosporin A increases resting mitochondrial membrane potential in SY5Y cells and reverses the depressed mitochondrial membrane potential of Alzheimer's disease cybrids.

Effects on developmental landmarks and reproductive capability of 3,3',4,4'-tetrachlorobiphenyl and 3,3',4,4',5-pentachlorobiphenyl in offspring of rats exposed during pregnancy.

Reduced cardiac stiffness following exercise is associated with preserved myocardial collagen characteristics in the rat.

Small dense low density lipoprotein has increased affinity for LDL receptor-independent cell surface binding sites: a potential mechanism for increased atherogenicity.

Tyrosine kinase inhibitors suppress N-type and T-type Ca²⁺ channel currents in NG108-15 cells.

Effects of glucose deprivation, chemical hypoxia, and simulated ischemia on Na⁺ homeostasis in rat spinal cord astrocytes.

[Effect of GABA and piracetam on on ATPase activity in brain and liver mitochondria in experimental hypokinesia].

Respiratory and cardiovascular effects of the mu-opioid receptor agonist [Lys7]dermorphin in awake rats.

The risk of Parkinson's disease with exposure to pesticides, farming, well water, and rural living.

Induction of cytokine-induced neutrophil chemoattractant in response to various stresses in rat C6 glioma cells.

The Seveso studies on early and long-term effects of dioxin exposure: a review.

Activation of tissue-factor gene expression in breast carcinoma cells by stimulation of the RAF-ERK signaling pathway.

Developmental differences in response of mesenteric artery to acute hypoxia in vitro.

Epidermal growth factor protects neuronal cells in vivo and in vitro against transient forebrain ischemia- and free radical-induced injuries.

Abnormality in catalase import into peroxisomes leads to severe neurological disorder.

Detection of P450c17-independent pathways for dehydroepiandrosterone (DHEA) biosynthesis in brain glial tumor cells.

Cyanogenic potential of cassava flour: field trial in Mozambique of a simple kit.

Cellular stimulation via CD95 involves activation of phospho-inositide-3-kinase.

Neurotrophic factors decrease the release of creatine kinase and prostaglandin E2 from metabolically stressed muscle.

Acute intoxication with trichloroethene: clinical symptoms, toxicokinetics, metabolism, and development of biochemical parameters for renal damage.

Protein kinase C-dependent tyrosine phosphorylation of p130cas in differentiating neuroblastoma cells.

Preparation of a conjugate of mitomycin C and anti-neural cell adhesion molecule monoclonal antibody for specific chemotherapy against biliary tract carcinoma.

Sensitive enzyme immunoassay of antibodies to HIV-1 p17 antigen using indirectly immobilized recombinant p17 for diagnosis of HIV-1 infection.

The epidemiology of Parkinson's disease in an Australian population.

An unusual exposure to methyl bromide leading to fatality.

Modulation of ovarian follicle maturation and effects on apoptotic cell death in Holtzman rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in utero and lactationally.

Collagens in the liver extracellular matrix bind hepatocyte growth factor.

Presence of intestinal, liver and heart/adipocyte fatty-acid-binding protein types in the liver of a chimaera fish.

Vitamin E protects the brain against oxidative injury stimulated by excessive aluminum intake.

Delta opiate receptors account for the castration-induced unmasking of gonadotropin-releasing hormone binding sites in the rat pituitary.

Mannitol at clinical concentrations activates multiple signaling pathways and induces apoptosis in endothelial cells.

Involvement of tyrosine phosphorylation and protein kinase C in the activation of phospholipase D by H₂O₂ in Swiss 3T3 fibroblasts.

Adult olfactory epithelium contains multipotent progenitors that give rise to neurons and non-neural cells.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazobenzene (CAS No. 14047-09-7) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

Dioxin-like and non-dioxin-like toxic effects of polychlorinated biphenyls (PCBs): implications for risk assessment.

Purification from bovine serum of a survival-promoting factor for cultured central neurons and its identification as selenoprotein-P.

Endothelium-dependent relaxation to hydrogen peroxide in canine basilar artery: a potential new cerebral dilator mechanism.

Report of the WHO working group on the assessment of health risks for human infants from exposure to PCDDs, PCDFs and PCBs.

Tyrosine kinase inhibition produces specific alterations in axon guidance in the grasshopper embryo.

Cyclophosphamide cystitis as a model of visceral pain in rats: a c-fos and Krox-24 study at telencephalic levels, with a note on pituitary adenylate cyclase activating polypeptide (PACAP).

S 16924 ((R)-2-[1-[2-(2,3-dihydro-benzo[1,4] dioxin-5-Yloxy)-ethyl]-pyrrolidin-3yl]-1-(4-fluoro-phenyl)-ethanone), a novel, potential antipsychotic with marked serotonin (5-HT)_{1A} agonist properties: I. Receptorial and neurochemical profile in comparison with clozapine and haloperidol.

Regulation of BMP7 expression during kidney development.

Interleukin 3 prevents delayed neuronal death in the hippocampal CA1 field.

Quantitative low-dose assessment of seafood toxin, domoic acid, in the rat brain: application of physiologically-based pharmacokinetic (PBPK) modeling.

Functional aspects of skeletal muscle contractile apparatus and sarcoplasmic reticulum after fatigue.

p38 mitogen-activated protein kinase expression and activation in smooth muscle.

Enhanced oxidative stress and altered antioxidants in brains of Bcl-2-deficient mice.

Elucidation of the amino acid sequence of a crustacean hyperglycaemic hormone from the spiny lobster, *Jasus lalandii*.

Involvement of receptor-like protein tyrosine phosphatase zeta/RPTPbeta and its ligand pleiotrophin/heparin-binding growth-associated molecule (HB-GAM) in neuronal migration.

Neuron density and distribution of NADPH-diaphorase positive neurons in the human stomach.

Effects of varied fatigue protocols on sarcoplasmic reticulum calcium uptake and release rates.

Modulation of K⁺ currents in monocytes by VCAM-1 and E-selectin on activated human endothelium.

The cellular stress response increases measles virus-induced cytopathic effect.

Src family tyrosine kinase regulates intracellular pH in cardiomyocytes.

The role of glutathione S-transferase- and cytochrome P450-dependent metabolism in the olfactory toxicity of methyl iodide in the rat.

Fast and sensitive method for simultaneous measurement of cell proliferation rate and drug sensitivity in rat cerebral cortex.

AP30, a differential protein marker for perilymph and cerebrospinal fluid in middle ear fluid, has been purified and identified as human apolipoprotein D.

AMPA receptor mediated excitotoxicity in neocortical neurons is developmentally regulated and dependent upon receptor desensitization.

Mechanism for benomyl action as a mitochondrial aldehyde dehydrogenase inhibitor in mice.

Neurotransmitter regulation of MAP kinase signaling in striatal neurons in primary culture.

Cortactin-Src kinase signaling pathway is involved in N-syndecan-dependent neurite outgrowth.

Buprenorphine hydrochloride induces apoptosis in NG108-15 nerve cells.

Determination of malondialdehyde in rat brain by capillary zone electrophoresis.

Delta-protein kinase C phosphorylation parallels inhibition of nerve growth factor-induced differentiation independent of changes in Trk A and MAP kinase signalling in PC12 cells.

Immune cell functions in industrial workers after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: dissociation of antigen-specific T-cell responses in cultures of diluted whole blood and of isolated peripheral blood mononuclear cells.

Low glucose enhances Na⁺/glucose transport in bovine brain artery endothelial cells.

Involvement of protein-tyrosine phosphorylation and dephosphorylation in sperm-induced *Xenopus* egg activation.

Plasma membrane depolarization-activated calcium channels, stimulated by microtubule-depolymerizing drugs in wild-type *Arabidopsis thaliana* protoplasts, display constitutively large activities and a longer half-life in ton 2 mutant cells affected in the organization of cortical microtubules.

Induction of oxidative stress in brain tissues of mice after subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Extending the Microtubule/Microfibril paradigm. Cellulose synthesis is required for normal cortical microtubule alignment in elongating cells.

Regulation of sulfotransferase gene expression by glucocorticoid hormones and xenobiotics in primary rat hepatocyte culture.

Risk assessment of low-level chemical exposures from consumer products under the U.S. Consumer Product Safety Commission chronic hazard guidelines.

Na⁺-dependent and phlorizin-inhibitable transport of glucose and cycasin in brain endothelial cells.

Drug metabolizing enzyme activities and superoxide formation in primary and immortalized rat brain endothelial cells.

Hormonal interactions in the effects of halogenated aromatic hydrocarbons on the developing brain.

Effects of pesticides and toxic substances on behavioral and morphological reproductive development: endocrine versus nonendocrine mechanisms.

Reproductive and neurobehavioral effects of chlorpropham administered to mice in the diet.

Single-dose and chronic dietary neurotoxicity screening studies on 2,4-dichlorophenoxyacetic acid in rats.

Herbicide-induced experimental variegate porphyria in mice: tissue porphyrinogen accumulation and response to porphyrogenic drugs.

Effects of 2,4-dichlorophenoxyacetic acid on central nervous system of developmental rats. Associated changes in ganglioside pattern.

Nitric oxide- and superoxide-mediated toxicity in cerebral endothelial cells.

Determination of 8-hydroxy-deoxyguanosine formation in rat organs: assessment of paraquat-evoked oxidative DNA damage.

Sex-dependent differences in the disposition of 2,4-dichlorophenoxyacetic acid in Sprague-Dawley rats, B6C3F1 mice, and Syrian hamsters.

The effects of pesticides on monoaminergic system related to periodic activity of mussels (*Anodonta cygnea* L.).

Quantitative distributions of different cholinesterases and inhibition of acetylcholinesterase by metidathion and paraquat in alimentary canal of common carp.

Cellular toxicity of 2,4,5-trichlorophenoxyacetic acid: formation of 2,4,5-trichlorophenoxyacetylcholine.

Studies on the effect of peroxisomicine on catalase activity in albino mice.

Characterization of risks associated with the use of molinate.

2,4-dichlorophenoxyacetic acid through lactation induces astrogliosis in rat brain.

Comparative in vitro and in vivo protein kinase C activation by selected pesticides and transition metal salts.

Effects of dichlobenil on ultrastructural morphology and cell replication in the mouse olfactory mucosa.

G-protein(S), G alpha q/G alpha 11, in the olfactory neuroepithelium of the channel catfish (*Ictalurus punctatus*) is altered by the herbicide, dichlobenil.

Neurotoxicity of paraquat and triphenyltin in the earthworm, *Eisenia fetida* Sav. A histo- and cytopathological study.

Severe polyneuropathy in a 3-year-old child after dichlorophenoxyacetic herbicide--chwastox intoxication, treated successfully with plasmapheresis (PF).

Environmental fate of trifluralin.

Comparison of HPLC and CE for the analysis of dichlorprop in a case of intoxication.

Massive ingestion of the herbicide 2-methyl-4-chlorophenoxyacetic acid (MCPA).

Immunochemical visualization and quantitation of cyclic AMP in single cells.

Environmental risk factors and Parkinson's disease: a case-control study in Taiwan.

Transgenerational effects of maternal exposure to chemicals on the functional development of the brain in the offspring.

Acceleration of hypertensive cerebral injury by the inhibition of xanthine-xanthine oxidase system in stroke-prone spontaneously hypertensive rats.

Unique expression of HRF20 (CD59) in human nervous tissue.

Double immunocytochemistry in pre-embedding electron microscopy for the detection of neurotensin and tyrosine hydroxylase in the guinea pig, using two primary antisera raised in the same species.

Reactive oxygen species generated by cyanide mediate toxicity in rat pheochromocytoma cells.

Prion protein-deficient cells show altered response to oxidative stress due to decreased SOD-1 activity.

A suppressive role of p125FAK protein tyrosine kinase in hydrogen peroxide-induced apoptosis of T98G cells.

Entacapone, a novel catechol-O-methyltransferase inhibitor for Parkinson's disease, does not impair mitochondrial energy production.

GDNF-induced neurite formation was stimulated by protein kinase inhibitors and suppressed by Ras inhibitors.

Heat shock protein induction by certain chemical stressors is correlated with their cytotoxicity, lipophilicity and protein-denaturing capacity.

Beta-estradiol protects hippocampal CA1 neurons against transient forebrain ischemia in gerbil.

Newborn infants diagnosed as neurologically abnormal with relation to PCB and dioxin exposure and their thyroid-hormone status.

Effect of advanced glycation end product-modified albumin on tissue factor expression by monocytes. Role of oxidant stress and protein tyrosine kinase activation.

Effects of lead-arsenic combined exposure on central monoaminergic systems.

Household pesticides and risk of pediatric brain tumors.

Possible involvement of rapamycin-sensitive pathway in Bcl-2 expression in human neuroblastoma SH-SY5Y cells.

Dissociation of LPA-induced cytoskeletal contraction from stress fiber formation by differential localization of RhoA.

Lateral hypothalamic injection of GABA(A) antagonist induces gastric vagus-mediated hypocalcemia in the rat.

Defective endogenous nitric oxide-mediated modulation of cellular respiration in canine skeletal muscle after the development of heart failure.

The epidemiology of soft tissue sarcoma.

Gallium nitrate optic neuropathy.

[Acute myeloblastic leukemia showing pronounced skin infiltration during administration of low-dose cytarabine and etoposide with granulocyte colony-stimulating factor].

Catalase mediates acetaldehyde formation from ethanol in fetal and neonatal rat brain.

Mitochondrial toxins in models of neurodegenerative diseases. I: In vivo brain hydroxyl radical production during systemic MPTP treatment or following microdialysis infusion of methylpyridinium or azide ions.

Mechanism of photosensitization of glioblastoma and neuroblastoma cells by merocyanine 540: a lipid peroxidation study.

Estrogens attenuate neuronal injury due to hemoglobin, chemical hypoxia, and excitatory amino acids in murine cortical cultures.

Pathogenesis of nitrofen-induced congenital diaphragmatic hernia in fetal rats.

Differential vulnerability of the CA1 and CA3 subfields of the hippocampus to superoxide and hydroxyl radicals in vitro.

Orthovanadate induces cell death in rat dentate gyrus primary culture.

Tumor-specific expression of cytochrome P450 CYP1B1.

Deletion of the yeast homologue of the human gene associated with Friedreich's ataxia elicits iron accumulation in mitochondria.

Iron-induced rat coronal suture fusion in vitro: the role of redox regulation.

Brain asymmetry as a potential biomarker for developmental TCDD intoxication: a dose-response study.

Non-Hodgkin's lymphoma in homosexual men in the San Francisco Bay Area: occupational, chemical, and environmental exposures.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: effects on development of the male and female reproductive system of the mouse.

Brief communication: childhood leukemia in a residential small town near Barcelona.

Role of bacterial Mn-cofactored superoxide dismutase in oxidative stress responses, nasopharyngeal colonization, and sustained bacteremia caused by Haemophilus influenzae type b.

Haematological and erythrocyte membrane changes induced by methacrylonitrile.

P-Cresol, a uremic compound, enhances the uptake of aluminum in hepatocytes.

PET imaging of brain tumor with [methyl-11C]choline.

Mortality among Army Chemical Corps Vietnam veterans.

Functional link between tyrosine phosphorylation and human serotonin transporter gene expression.

Sodium butyrate decreases histamine-stimulated calcium mobilization in C6 glioma cells.

Mitochondrial dysfunction in neurodegeneration.

Influence of maternal stress on the effects of prenatal exposure to methylmercury and arsenic on postnatal development and behavior in mice: a preliminary evaluation.

Protein phosphatase in neuroblastoma cells: [3H]cantharidin binding site in relation to cytotoxicity.

Immunological characterization of epitopes on tau of Alzheimer's type and chemically modified tau.

The Canadian Study of Health and Aging: risk factors for vascular dementia.

Free radicals and the ischemia-evoked extracellular accumulation of amino acids in rat cerebral cortex.

The clinical pharmacokinetics of levofloxacin.

Expression of CYP1B1 in human adult and fetal tissues and differential inducibility of CYP1B1 and CYP1A1 by Ah receptor ligands in human placenta and cultured cells.

Pesticide prioritization for a brain cancer case-control study.

[Assessment of neurotoxic effects of methyl bromide in exposed workers].

Structure-activity relationships of potentially neurotoxic PCB congeners in the rat.

Dioxins and the Ah receptor: probes to uncover processes in neuroendocrine development.

Identification of microtubule-associated protein tau isoforms in Alzheimer's paired helical filaments.

Regulation of the release of tumour necrosis factor (TNF)alpha and soluble TNF receptor by gamma irradiation and interferon gamma in Ewing's sarcoma/peripheral primitive neuroectodermal tumour cells.

Contribution of ATP-sensitive potassium channels to hypoxic hyperpolarization in rat hippocampal CA1 neurons in vitro.

Antithrombotic effects of the novel inhibitor of thrombin-induced offtelet aggregation and thrombus formation, 3-[2-[1,1':2',1'']-terphenyl-4'-yl)ethyl]phenoxyacetic acid.

Central and peripheral neurotoxic effects of chronic methyl bromide intoxication.

Mechanism of thiazopyr-induced effects on thyroid hormone homeostasis in male Sprague-Dawley rats.

Early life stage toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish (*Danio rerio*).

Protein kinase Cs and tyrosine kinases in permissive action of prostacyclin on cerebrovascular regulation in newborn pigs.

Cardiovascular depressor responses to stimulation of substantia nigra and ventral tegmental area.

Odorant threshold following methyl bromide-induced lesions of the olfactory epithelium.

Na⁺-dependent gamma-aminobutyric acid (GABA) transport in the choroid plexus of rabbit.

Study of regulation of mitochondrial respiration in vivo. An analysis of influence of ADP diffusion and possible role of cytoskeleton.

Reduced induction of HSP70 in PC12 cells during neuronal differentiation.

Phosphorylation of the casein kinase II domain of B-50 (GAP-43) in rat cortical growth cones.

Glypican-3 is a binding protein on the HepG2 cell surface for tissue factor pathway inhibitor.

Aging and oxygen toxicity: Relation to changes in melatonin.

Characterization of a recombinant *Neisseria meningitidis* alpha-2,3-sialyltransferase and its acceptor specificity.

The stability of ethanol in human whole blood controls: an interlaboratory evaluation.

Bromine-76 and carbon-11 labelled NNC 13-8199, metabolically stable benzodiazepine receptor agonists as radioligands for positron emission tomography.

4-Hydroxynonenal, an aldehydic product of membrane lipid peroxidation, impairs glutamate transport and mitochondrial function in synaptosomes.

Purification and partial structural characterization of a fatty acid-binding protein from the liver of the South American armadillo *Chaetophractus villosus*.

The oncofetal J28 epitope involves fucosylated O-linked oligosaccharide structures of the fetocinacinar pancreatic protein.

Tyrosine phosphorylation modulates current amplitude and kinetics of a neuronal voltage-gated potassium channel.

Extrathyroidal effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on thyroid hormone turnover in male Sprague-Dawley rats.

Arsenic-induced changes in certain neurotransmitter levels and their recoveries following chelation in rat whole brain.

Association of muscle-specific kinase MuSK with the acetylcholine receptor in mammalian muscle.

Growing pains in South America.

Involvement of the dorsal paratrigeminal nucleus in visceral pain-related phenomena.

Synthesis of [11C-methyl]-(-)-OSU6162, its regional brain distribution and some pharmacological effects of (-)-OSU6162 on the dopaminergic system studied in the rhesus monkey by positron emission tomography.

High-level production and isotope labeling of snake neurotoxins, disulfide-rich proteins.

Effect of metabolic inhibitors on membrane potential and ion conductance of rat astrocytes.

Interaction of Escherichia coli heat-stable enterotoxin B with cultured human intestinal epithelial cells.

Neurotoxicity of the 22 kDa thrombin-cleavage fragment of apolipoprotein E and related synthetic peptides is receptor-mediated.

Brevetoxin-6 (PbTx-6), a nonaromatic marine neurotoxin, is a ligand of the aryl hydrocarbon receptor.

Specific attenuation of the pressure-induced contraction of rat cerebral artery by herbimycin A.

Synthesis of some 11C-labelled MAO-A inhibitors and their in vivo uptake kinetics in rhesus monkey brain.

Differential effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin, bis(tri-n-butyltin) oxide and cyclosporine on thymus histophysiology.

Glucose transporter expression in L6 muscle cells: regulation through insulin- and stress-activated pathways.

bFGF induces BCK promoter-driven expression in muscle via increased binding of a nuclear protein.

Synaptic physiology and mitochondrial function in crayfish tonic and phasic motor neurons.

Myelin basic protein is a zinc-binding protein in brain: possible role in myelin compaction.

Regioselective binding of 2,5-hexanedione to high-molecular-weight rat neurofilament proteins in vitro.

Aluminum citrate is transported from brain into blood via the monocarboxylic acid transporter located at the blood-brain barrier.

Mobilization of iron from neoplastic cells by some iron chelators is an energy-dependent process.

Protein tyrosine kinase inhibitors synergize with nerve growth factor in embryonic chick sensory neuronal cell survival.

Modulation of cyclic AMP levels in a clonal neural cell line by inhibitors of tyrosine phosphorylation.

Oxidative stress mediates impairment of muscle function in transgenic mice with elevated level of wild-type Cu/Zn superoxide dismutase.

Correlation of 2,3,7,8-tetrachlorodibenzo-p-dioxin induction of cytochrome P4501A in vascular endothelium with toxicity in early life stages of lake trout.

Impairment of antigen-specific antibody production in transgenic mice expressing a dominant-negative form of gp130.

Neuroprotective action of cycloheximide involves induction of bcl-2 and antioxidant pathways.

Intracellular calcium buffering declines in aging adrenergic nerves.

Effects of cyclophosphamide and ifosfamide on neuroblastoma cells before and after activation by microsomes.

Effect of the intravenous anesthetic 2,6-diisopropylphenol on respiration and energy production by rat brain synaptosomes.

Cardiovascular effects of neurotensin microinjections into the nucleus of the solitary tract.

Inhibitors of protein kinases and phosphatases alter root morphology and disorganize cortical microtubules.

Death following intentional methyl bromide poisoning: toxicological data and literature review.

Cryptic gonadotropin-releasing hormone receptors of rat pituitary cells in culture are unmasked by epidermal growth factor.

Apoptosis induced by glufosinate ammonium in the neuroepithelium of developing mouse embryos in culture.

Regulation by insulin of a unique neuronal Ca²⁺ pool and of neuropeptide secretion.

Investigation of two glycosylated forms of bile-salt-dependent lipase in human pancreatic juice.

A continuous spectrophotometric assay for monoamine oxidase and related enzymes in tissue homogenates.

Effects of arsenite pretreatment on the acute toxicity of parathion.

Brain-to-blood active transport of beta-alanine across the blood-brain barrier.

Endocrine disrupters in the aquatic environment.

Review and update of the results of the NIOSH medical study of workers exposed to chemicals contaminated with 2,3,7,8-tetrachlorodibenzodioxin.

Topographic localization of calretinin, calbindin, VIP, substance P, CCK and metabotropic glutamate receptor immunoreactive neurons in the supramammillary and related areas of the rat.

Neurochemical effects of polychlorinated biphenyls: an overview and identification of research needs.

Developmental neurotoxicity of environmental agents in the neonate.

Flow cytometric measurements of neuronal death triggered by PCBs.

[The use of the complexometric indicator glycine cresol red as a stain in neurohistology].

A comparison of the acute neuroactive effects of dichloromethane, 1,3-dichloropropane, and 1,2-dichlorobenzene on rat flash evoked potentials (FEPs).

Effects of sodium azide on motor activity, motor coordination, and learning.

Suspected herbicide toxicosis in a dog.

Acute oral toxicity of the herbicide BUREX EKO in pheasants.

Action of the herbicide butachlor on cholinesterases in the freshwater snail *Pila globosa* (Swainson).

Central nervous system myelin deficit in rats exposed to 2,4-dichlorophenoxyacetic acid throughout lactation.

Acute, subchronic and chronic 2,4-dichlorophenoxyacetic acid (2,4-D) intoxication in rats.

An in vitro model for toxicological investigations of environmental neurotoxins in primary neuronal cell cultures.

3,4-Dichloropropionanilide-induced atrophy of the thymus: mechanisms of toxicity and recovery.

Mode of action of thyroid tumor formation in the male Long-Evans rat administered high doses of alachlor.

Reproductive effects of paternal exposure to chlorophenate wood preservatives in the sawmill industry.

No changes in behaviour, nigro-striatal system neurochemistry or neuronal cell death following toxic multiple oral paraquat administration to rats.

[Multiple chemical sensitivity disorder in patients with neurotoxic illnesses].

Pesticide applicers, biocides, and birth defects in rural Minnesota.

Experience with acute paraquat poisoning in Crete.

Vertebral deformity susceptibilities of marine fishes exposed to herbicide.

Effects of paraquat on the substantia nigra of the wistar rats: neurochemical, histological, and behavioral studies.

Evidence of chemical stimulation of hepatic metabolism by an experimental acetanilide (FOE 5043) indirectly mediating reductions in circulating thyroid hormone levels in the male rat.

Construction of a physiologically based pharmacokinetic model for 2,4-dichlorophenoxyacetic acid dosimetry in the developing rabbit brain.

Detection of 1, N2-propanodeoxyguanosine adducts as potential endogenous DNA lesions in rodent and human tissues.

Developmental and dysmorphogenic effects of glufosinate ammonium on mouse embryos in culture.

Analysis of structure-toxicity relationships for a series of amide herbicides using statistical methods and neural network.

Sensory irritation to mixtures of formaldehyde, acrolein, and acetaldehyde in rats.

Characterization of olfactory deficits in the rat following administration of 2,6-dichlorobenzonitrile (dichlobenil), 3,3'-iminodipropionitrile, or methimazole.

Effects of paraquat on mitochondrial electron transport system and catecholamine contents in rat brain.

Effect of dietary paraquat on a rat mutant unable to synthesize ascorbic acid.

Increased expression of neuronal nitric oxide synthase in bladder afferent pathways following chronic bladder irritation.

Possible environmental, occupational, and other etiologic factors for Parkinson's disease: a case-control study in Germany.

The area postrema is involved in paraquat-induced conditioned aversion behavior and neuroendocrine activation of the hypothalamic-pituitary-adrenal axis.

[The phospholipid composition of the liver and the glycolipid spectrum of the brain in rats administered cyanamide].

Mechanism mediating basolateral transport of 2,4-dichlorophenoxyacetic acid in rat kidney.

Interruption of the *gpxA* gene increases the sensitivity of *Neisseria meningitidis* to paraquat.

Assessment of the role of the glutathione and pentose phosphate pathways in the protection of primary cerebrocortical cultures from oxidative stress.

Assessment of the biochemical effects of percutaneous exposure of sulphur mustard in an in vitro human skin system.

Influence of age on the passage of paraquat through the blood-brain barrier in rats: a distribution and pathological examination.

Requirement for superoxide in excitotoxic cell death.

Increases in tissue levels of ubiquinone in association with peroxisome proliferation.

Mass spectrometric mapping of protein epitope structures of myocardial infarct markers myoglobin and troponin T.

Extraction and protein sequencing of immunoglobulin light chain from formalin-fixed cerebrovascular amyloid deposits.

Tetrahydrobiopterin biosynthesis enhanced by lipopolysaccharide stimulation in murine neuroblastoma cell line N1E-115.

Methyl iodide poisoning: report of two cases.

Effects induced by feeding organochlorine-contaminated carp from Saginaw Bay, Lake Huron, to laying White Leghorn hens. II. Embryotoxic and teratogenic effects.

Randomised study of cognitive effects of iron supplementation in non-anaemic iron-deficient adolescent girls.

Na(+)-K(+)-Cl⁻ cotransport system in brain capillary endothelial cells: response to endothelin and hypoxia.

Monoclonal antibody PHF-9 recognizes phosphorylated serine 404 of tau protein and labels paired helical filaments.

Effects of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) injected into the yolks of chicken (*Gallus domesticus*) eggs prior to incubation.

Signs of enhanced neuromotor maturation in children due to perinatal load with background levels of dioxins. Follow-up until age 2 years and 7 months.

Missing effects of background dioxin exposure on development of breast-fed infants during the first half year of life.

A 100-kDa protein tyrosine phosphorylation is concurrent with beta 1 integrin-mediated morphological differentiation in neuroblastoma and small cell lung cancer cells.

Acute cyanide poisoning: clinical spectrum, diagnosis, and treatment.

Exposures and health effects: an evaluation of workers at a sodium azide production plant.

Contribution of oxygen-sensitive neurons of the rostral ventrolateral medulla to hypoxic cerebral vasodilatation in the rat.

Chemical sensitivities and the Gulf War: Department of Veterans Affairs Research Center in basic and clinical science studies of environmental hazards.

Fulminant malignant hyperthermia associated with ketoacidotic diabetic coma.

In ovo 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in three avian species. 2. Effects on estrogen receptor and plasma sex steroid hormones during the perinatal period.

Mechanisms of colon cancer binding to substratum and cells.

In utero and lactational exposure of female Holtzman rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin: modulation of the estrogen signal.

Case control study of neuroblastoma in west-Germany after the Chernobyl accident.

Follow-up study of risk factors in progressive supranuclear palsy.

Nephrotoxicity of 4-amino-2-chlorophenol and 2-amino-4-chlorophenol in the Fischer 344 rat.

Comparative effects of the metabolic inhibitors 2,4-dinitrophenol and iodoacetate on mouse neuroblastoma cells in vitro.

Target cell-induced apoptosis of interleukin-2-activated human natural killer cells: roles of cell surface molecules and intracellular events.

Decreased cerebral glucose utilization in rats during the ebb phase of thermal injury.

Effects of gestational and lactational exposure to TCDD or coplanar PCBs on spatial learning.

Effects of polychlorinated biphenyl/dioxin exposure and feeding type on infants' mental and psychomotor development.

Detection of toluene in an adipocercatous body.

Characterization of a chemical anoxia model in cerebellar granule neurons using sodium azide: protection by nifedipine and MK-801.

[Action duality of nitrogen oxide (NO) in experimental African trypanosomiasis].

Glutathione transferase activity and formation of macromolecular adducts in two cases of acute methyl bromide poisoning.

TCDD-inducible plasminogen activator inhibitor type 2 (PAI-2) in human hepatocytes, HepG2 and monocytic U937 cells.

Autonomic and behavioral thermoregulation in golden hamsters exposed perinatally to dioxin.

Recombinant human erythropoietin: effect on the functional performance of anemic orthopedic patients.

[The Anders Jahres Prize. Intracellular signal transmission via dioxin receptors].

The effect of intra-articular capsaicin on nerve fibres within the synovium of the rat knee joint.

GABA release is enhanced in mouse hippocampal slices in cell-damaging conditions.

Occupational health data as a basis for process engineering changes: development of a safe work environment in the sodium azide industry.

Genetic association between cytochrome P450IA1 gene and susceptibility to Parkinson's disease.

Alcohol intake in high alcohol drinking (HAD) rats is suppressed by FG5865, a novel 5-HT1A agonist/5-HT2 antagonist.

Monoclonal antibody directed to a fibrinogen A alpha #529-539 epitope inhibits alpha-chain crosslinking by transglutaminases.

Cancers of skin, bone, connective tissues, brain, eye, thyroid and other specified and unspecified sites in Inuit.

Antibodies released from immunoabsorbents: effect of support, activation and elution conditions.

Type II collagen-induced autoimmune ear disease in mice: a preliminary report on an epitope of the type II collagen molecule that induced inner ear lesions.

The effects on mammals of pre- and postnatal environmental exposure to PCBs. The Dutch Collaborative PCB/Dioxin Study.

Direct measurement of lipid hydroperoxides in iron-dependent spinal neuronal injury.

Inhibition of mitochondrial respiration and oxygen uptake in isolated rat renal tubular fragments by atractyloside.

Endothelin-3 attenuates the cyclic GMP responses to C-type natriuretic peptide in cultured mouse astrocytes.

Immunoaffinity chromatographic purification of cellobiohydrolase II mutants from recombinant *trichoderma reesei* strains devoid of major endoglucanase genes.

Tyrosine kinase inhibitors alter composition of nicotinic receptors on neurons.

Tyrosine kinase inhibitors and cycloheximide inhibit Li⁺ protection of cerebellar granule neurons switched to non-depolarizing medium.

Advancing age alters intracellular calcium buffering in rat adrenergic nerves.

2,3,7,8-TCDD induces cytochrome P450 enzyme activity but not proliferation or phenotypical changes in human peripheral blood lymphocytes.

Embryotoxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): the embryonic vasculature is a physiological target for TCDD-induced DNA damage and apoptotic cell death in Medaka (*Orizias latipes*).

Serum albumin is a specific inhibitor of apoptosis in human endothelial cells.

Illumination of therapeutics by toxicology: a personal view.

Effect of metabolic inhibition on K⁺ channels in pyramidal cells of the hippocampal CA1 region in rat brain slices.

Depletion of glucose causes presynaptic inhibition of neuronal transmission in the rat dorsolateral septal nucleus.

Effects of photoreceptor metabolism on interstitial and glial cell pH in bee retina: evidence of a role for NH₄⁺.

Isolation and primary culture of rat cerebral microvascular endothelial cells for studying drug transport in vitro.

Aryl-hydrocarbon receptor-deficient mice are resistant to 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced toxicity.

Preventive effect of Ginkgo biloba extract on apoptosis in rat cerebellar neuronal cells induced by hydroxyl radicals.

The use of photolabelled peptides to localize the substance-P-binding site in the human neurokinin-1 tachykinin receptor.

Increased intracellular levels of calcitonin gene-related peptide-like immunoreactivity in pulmonary endocrine cells in an experimental model of congenital diaphragmatic hernia.

Stimulation of calcium uptake in cultured rat hippocampal neurons by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Platelet-activating factor (PAF) induces the early tyrosine phosphorylation of focal adhesion kinase (p125FAK) in human endothelial cells.

NES test performance in a large US Army veteran sample: relationships with both demographic factors and traditional neuropsychological measures.

Sodium and chloride ion-dependent transport of beta-alanine across the blood-brain barrier.

Analysis of the globose basal cell compartment in rat olfactory epithelium using GBC-1, a new monoclonal antibody against globose basal cells.

Endothelin-1 induces tyrosine phosphorylation in human blood monocytes.

Dependence on temperature of the effect of dinitrophenol on the release of transmitter quanta at neuromuscular junctions in the mouse diaphragm.

Analysis of recombinant human tumour necrosis factor-alpha-induced CD4 expression on human eosinophils.

Developmental toxicity of inorganic arsenic in whole embryo: culture oxidation state, dose, time, and gestational age dependence.

Chronic in vivo sodium azide infusion induces selective and stable inhibition of cytochrome c oxidase.

Transduction mechanisms involved in thrombin receptor-induced nerve growth factor secretion and cell division in primary cultures of astrocytes.

Herbimycin A inhibits protein kinase C in vascular smooth muscle cells.

Estrogens attenuate and corticosterone exacerbates excitotoxicity, oxidative injury, and amyloid beta-peptide toxicity in hippocampal neurons.

Movement of yeast cortical actin cytoskeleton visualized in vivo.

Expression and herbimycin A-sensitive localization of pp125FAK in retinal growth cones.

Nephrotoxic potential of 2-amino-5-chlorophenol and 4-amino-3-chlorophenol in Fischer 344 rats: comparisons with 2- and 4-chloroaniline and 2- and 4-aminophenol.

Saturable transport of valproic acid in rat choroid plexus in vitro.

Tyrosine kinase is required for long-term depression in the cerebellum.

Inhibition of protein tyrosine kinases impairs axon extension in the embryonic optic tract.

Insulin receptor in Aplysia neurons: characterization, molecular cloning, and modulation of ion currents.

[Conformational changes of the platelet membrane glycoprotein IIb-IIIa complex stimulated by a monoclonal antibody to the N-terminal segment of glycoprotein IIIa].

Agrin-induced acetylcholine receptor clustering in mammalian muscle requires tyrosine phosphorylation.

Glycosylphosphatidylinositol toxin of Plasmodium up-regulates intercellular adhesion molecule-1, vascular cell adhesion molecule-1, and E-selectin expression in vascular endothelial cells and increases leukocyte and parasite cytoadherence via tyrosine kinase-dependent signal transduction.

Synergy between chronic corticosterone and sodium azide treatments in producing a spatial learning deficit and inhibiting cytochrome oxidase activity.

Comparative structural and functional features of the human fibrinogen alpha C domain and the isolated alpha C fragment. Characterization using monoclonal antibodies to defined COOH-terminal A alpha chain regions.

Methyl bromide intoxication during grain store fumigation.

Stimulation of beta1 integrins on fibroblasts induces PDGF independent tyrosine phosphorylation of PDGF beta-receptors.

Lysophosphatidic acid-induced neurite retraction in PC12 cells: control by phosphoinositide-Ca²⁺ signaling and Rho.

Suppression of potassium currents by cyanide on the mouse motor nerve terminals.

Synergistic action of NS-004 and internal Ca²⁺ concentration in modulating pulmonary artery K⁺ channels.

Metabolic inhibitors affect the conductance of low voltage-activated calcium channels in brain capillary endothelial cells.

Elucidating the mechanism of cortical microtubule reorientation in plant cells.

A polypeptide toxin in the sea anemone *Actinia equina* homologous with other sea anemone sodium channel toxins: isolation and amino acid sequence.

Chick sensory neuronal growth cones distinguish fibronectin from laminin by making substratum contacts that resemble focal contacts.

Heat shock factor-1 mediates the transcriptional activation of Alzheimer's beta-amyloid precursor protein gene in response to stress.

Regenerated cellulose-based hemodialyzers with immobilized proteins as potential devices for extracorporeal immunoadsorption procedures: an assessment of protein coupling capacity and in vitro dialysis performances.

Evidence for decline in intracellular calcium buffering in adrenergic nerves of aged rats.

A mechanistic model of effects of dioxin on thyroid hormones in the rat.

Involvement of wound-associated factors in rat brain astrocyte migratory response to axonal injury: in vitro simulation.

Modifications of neurofilament proteins by possible metabolites of allyl chloride in vitro.

Antioxidative activity of 5,6,7,8-tetrahydrobiopterin and its inhibitory effect on paraquat-induced cell toxicity in cultured rat hepatocytes.

Radical formation site of cerebral complex I and Parkinson's disease.

Environmental pollutants alter taste responses in the gerbil.

Enhancement of tissue lipoperoxidation in propanil-treated rats.

Effects of pentachlorophenol and biotic interactions on soil fauna and decomposition in humus soil.

Toxicology of 2,4-dichlorophenoxyacetic acid (2,4-D) and its determination in serum and brain tissue using gas chromatography-electron-capture detection.

Toxic effects of carbofuran and glyphosate on semen characteristics in rabbits.

Use of biomarkers to evaluate effects of xenobiotic compounds in the Biobio basin (central Chile).

Developmental toxicity of the substituted phenylurea herbicide isoproturon in rats.

Toxicity of cotoran (fluometuron) in Desert sheep.

Paraquat--a superoxide generator--kills neurons in the rat spinal cord.

The effects of subchronic chlorate exposure in Sprague-Dawley rats.

Olfactory toxicity of diethyldithiocarbamate (DDTC) and disulfiram and the protective effect of DDTC against the olfactory toxicity of dichlobenil.

Mixed diquat/paraquat-induced burns.

Paternal serum dioxin and reproductive outcomes among veterans of Operation Ranch Hand.

[Medico-biological aspects of biochemistry of amines and other nitrogen bases].

Pulmonary endothelial nitric oxide synthase gene expression is decreased in a rat model of congenital diaphragmatic hernia.

Mutations associated with amyotrophic lateral sclerosis convert superoxide dismutase from an antiapoptotic gene to a proapoptotic gene: studies in yeast and neural cells.

The effect of protoporphyrinogen oxidase inhibitors on microsomal and mitochondrial cytochromes.

Translational regulation in response to changes in amino acid availability in *Neurospora crassa*.

Further evidence that the blood/brain barrier impedes paraquat entry into the brain.

Effects of aminotriazole on ethanol, water, and food intake and on brain catalase in UChA and UChB rats.

Effect of ethanol, propanol, butanol, and catalase enzyme blockers on beta-endorphin secretion from primary cultures of hypothalamic neurons: evidence for a mediatory role of acetaldehyde in ethanol stimulation of beta-endorphin release.

The tyramine-labelled vesicular transporter for dopamine: a putative target of pesticides and neurotoxins.

The nitric oxide synthase inhibitor NW-nitro-L-arginine methylester attenuates brain catalase activity in vitro.

Development of a physiologically based pharmacokinetic model for 2,4-dichlorophenoxyacetic acid dosimetry in discrete areas of the rabbit brain.

MPP+ selectively affects calcium homeostasis in mesencephalic cell cultures from embryonal C57/Bl6 mice.

Nerve growth factor prevents apoptosis of rat peritoneal mast cells through the trk proto-oncogene receptor.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced anorexia and wasting syndrome in rats: aggravation after ventromedial hypothalamic lesion.

Developmental effects of dioxins and related endocrine disrupting chemicals.

The role of the neurohormone melatonin as a buffer against macromolecular oxidative damage.

Transcriptional activation of Alzheimer's beta-amyloid precursor protein gene by stress.

[Fatal sodium azide poisoning in a hospital: a preventable accident].

Neurological condition in 18-month-old children perinatally exposed to polychlorinated biphenyls and dioxins.

Altered glycine transport by cerebral tissue and decreased Na⁺ and Ca⁺⁺ pump activities during organophosphorus-ester-induced delayed neurotoxicity development period.

Immunoresponsiveness in endometriosis: implications of estrogenic toxicants.

Increase in chloride-dependent L-glutamate transport activity in synaptic membrane after in vitro ischemic treatment.

Dietary exposure of mink to carp from Saginaw Bay, Michigan: 2. Hematology and liver pathology.

Herbimycin A suppresses NF-kappa B activation and tyrosine phosphorylation of JAK2 and the subsequent induction of nitric oxide synthase in C6 glioma cells.

Bilateral idiopathic loss of peripheral vestibular function with normal hearing.

A monoclonal antibody against a peptide sequence of fibrinogen gamma chain acts as an inhibitor of factor XIII-mediated crosslinking of human fibrin.

Pesticides--how research has succeeded and failed in informing policy: DDT and the link with breast cancer.

De novo mutation in the mitochondrial ATP synthase subunit 6 gene (T8993G) with rapid segregation resulting in Leigh syndrome in the offspring.

Reconstitution of the rat olfactory epithelium after methyl bromide-induced lesion.

Free radical formation in autopsy samples of Alzheimer and control cortex.

Physiological and histological recovery of the olfactory mucosa of the frog after a dichlobenil injection.

Distribution of microsomal epoxide hydrolase and glutathione S-transferase in the rat olfactory mucosa: relevance to distribution of lesions caused by systemically-administered olfactory toxicants.

Nutrition and breast-feeding.

Effect of antibodies to membrane skeletal proteins on the shape of erythrocytes and their ability to respond to shape-modulating agents. Important role of 4.1 protein in the determination/maintenance of the discoid shape of erythrocytes.

Triclosan inhibits histamine-induced inflammation in human skin.

Hypoxia-induced vascular endothelial growth factor expression in normal rat astrocyte cultures.

Mechanism of high K⁺ and TI⁺ uptake in cultured human glioma cells.

Functional aspects of developmental toxicity of polyhalogenated aromatic hydrocarbons in experimental animals and human infants.

An inward rectifier K⁺ current modulates in neuroblastoma cells the tyrosine phosphorylation of the pp125FAK and associated proteins: role in neuritogenesis.

Identity and pathogenesis of stomach tumors in Sprague-Dawley rats associated with the dietary administration of butachlor.

Morphometric abnormalities in brains of great blue heron hatchlings exposed in the wild to PCDDs.

Resinifying therapy in endodontics. A clinical and radiological evaluation.

Origin and immunoregulation of autoantibodies against intestinal alkaline phosphatase.

Scrapie prions selectively modify the stress response in neuroblastoma cells.

Modulation of TCDD-induced wasting syndrome by portocaval anastomosis and vagotomy in Long-Evans and Han/Wistar rats.

Methyl bromide induced neuropathy: a clinical, neurophysiological, and morphological study.

Pulmonary neuroendocrine cells in neonatal rats with congenital diaphragmatic hernia.

Antithrombin-TRI (Ala382 to Thr) causing severe thromboembolic tendency undergoes the S-to-R transition and is associated with a plasma-inactive high-molecular-weight complex of aggregated antithrombin.

Expression of de-N-acetyl-gangliosides in human melanoma cells is induced by genistein or nocodazole.

Role of protein kinase C activation in synthesis of complement components C2 and factor B in interferon-gamma-stimulated human fibroblasts, glioblastoma cell line A172 and monocytes.

A hypothesis for cyanide-induced tonic seizures with supporting evidence.

The effects of acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on glioma-specific cytotoxic T-cell activity in Fischer 344 rats.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on tryptophan and glucose homeostasis in the most TCDD-susceptible and the most TCDD-resistant species, guinea pigs and hamsters.

Toxicological and neuropsychological findings in patients presenting to an environmental toxicology service.

Survival after a severe iron poisoning treated with intermittent infusions of deferoxamine.

Differential effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the "adipose-type" and "brain-type" glucose transporters in mice.

The dioxin receptor and its nuclear translocator (Arnt) in the rat brain.

Multicomponent kinetic determinations using artificial neural networks.

Regional brain effects of sodium azide treatment on cytochrome oxidase activity: a quantitative histochemical study.

Control of N-cadherin-mediated intercellular adhesion in migrating neural crest cells in vitro.

Receptor-mediated toxicity.

Evidence for a carbocation intermediate during conversion of bipinnatin-A and -C into irreversible inhibitors of nicotinic acetylcholine receptors.

Selective depletion of cyclin-dependent kinases is associated with Fas-mediated apoptosis in human leukemia T-cell lines.

Effects of the protein tyrosine phosphatase inhibitor phenylarsine oxide on excision-activated calcium channels in *Lymnaea* neurons.

Metabolism of 4-methylaminorex ("EU4EA") in the rat.

Characterization of Na(+)-dependent phosphate uptake in cultured fetal rat cortical neurons.

Cardiovascular responses to cigarette smoke exposure in restrained conscious rats.

Lipopolysaccharide stimulates the tyrosine phosphorylation of mitogen-activated protein kinases p44, p42, and p41 in vascular endothelial cells in a soluble CD14-dependent manner. Role of protein tyrosine phosphorylation in lipopolysaccharide-induced stimulation of endothelial cells.

GRO is Chemotactic for Human Intestinal Intraepithelial Lymphocytes.

Diffusible cytotoxic metabolites contribute to the in vitro bystander effect associated with the cyclophosphamide/cytochrome P450 2B1 cancer gene therapy paradigm.

Purification and application of a single-chain Fv antibody fragment specific to hepatitis B virus surface antigen.

Solubilization and characterization of an ATP diphosphohydrolase (EC 3.6.1.5) from rat brain synaptic plasma membranes.

Reproductive effects in birds exposed to pesticides and industrial chemicals.

[O-methyl-11C]beta-CIT-FP, a potential radioligand for quantitation of the dopamine transporter: preparation, autoradiography, metabolite studies, and positron emission tomography examinations.

Mechanisms of nucleobase transport in rabbit choroid plexus. Evidence for a Na(+)-dependent nucleobase transporter with broad substrate selectivity.

Nucleus tractus solitarius efferent terminals synapse on neurons in the caudal ventrolateral medulla that project to the rostral ventrolateral medulla.

The isolation and characterization of four myelin basic proteins from the unbound fraction during CM52 chromatography.

A biotechnological method provides access to aggregation competent monomeric Alzheimer's 1-42 residue amyloid peptide.

Neuropeptide YY1 receptors-mediated increase in intracellular Ca²⁺ concentration via phospholipase C-dependent pathway in porcine aortic smooth muscle cells.

Rat tail artery norepinephrine release: age and effect of mitochondrial blockade.

Characterization of Ca²⁺/calmodulin-dependent protein kinase II from smooth muscle.

Chronic sodium azide treatment decreases membrane-bound protein kinase C activity in the rat hippocampus.

Novel pharmacological properties of transient potassium currents in central neurons revealed by N-bromoacetamide and other chemical modifiers.

Dopamine-induced programmed cell death in mouse thymocytes.

Reproductive effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in female rats: ovulation, hormonal regulation, and possible mechanism(s).

Functional role of GABA in cat retina: II. Effects of GABAA antagonists.

Taurine in the olfactory system: effects of the olfactory toxicant dichlobenil.

Rabbit brain endoplasmic reticulum membranes as target for free radicals. Changes in Ca(2+)-transport and protection by stobadine.

Functional topography of myelin-associated glycoprotein. II. Mapping of domains on molecular fragments.

Hypoxia-mediated induction of acidic/basic fibroblast growth factor and platelet-derived growth factor in mononuclear phagocytes stimulates growth of hypoxic endothelial cells.

Biochemical effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and related compounds on the central nervous system.

Reducing cassava toxicity by heap-fermentation in Uganda.

[The uptake of nalidixic acid and enoxacin by rat renal cortical slices in rat].

Heterologous production of the P1 porin of *Neisseria meningitidis* in *Bacillus subtilis*: the effect of an N-terminal extension on the presentation of native-like epitopes.

Perinatal exposure to polychlorinated biphenyls and dioxins and its effect on neonatal neurological development.

Identification of two 17-kDa rat parotid gland phosphoproteins, subjects for dephosphorylation upon beta-adrenergic stimulation, as destrin- and cofilin-like proteins.

The blood-brain barrier: In vitro methods and toxicological applications.

Ultrastructural characterization of neurons recorded intracellularly in vivo and injected with lucifer yellow: advantages of immunogold-silver vs. immunoperoxidase labeling.

Phenotypic analysis of spleen, thymus, and peripheral blood cells in aged C57B1/6 mice following long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Close Correlation between Heat Shock Response and Cytotoxicity in *Neurospora crassa* Treated with Aliphatic Alcohols and Phenols.

Activation of the hypothalamic dorsomedial nucleus stimulates intestinal motility in rats.

An in vitro method for determination of tissue partition coefficients of non-volatile chemicals such as 2,3,7,8-tetrachlorodibenzo-p-dioxin and estradiol.

Workshop on perinatal exposure to dioxin-like compounds. VI. Role of biomarkers.

Workshop on perinatal exposure to dioxin-like compounds. V. Immunologic effects.

Workshop on perinatal exposure to dioxin-like compounds. IV. Neurobehavioral effects.

Workshop on perinatal exposure to dioxin-like compounds. I. Summary.

[Morphologic characteristics of the thymus in pregnant and newborn mice exposed to sodium arsenite].

Excitatory amino acid release from astrocytes during energy failure by reversal of sodium-dependent uptake.

Glutathione effects on toxicity and uptake of mercuric chloride and sodium arsenite in rabbit renal cortical slices.

Collagen and fibronectin immobilization on PHEMA microcarriers for hepatocyte attachment.

Dynorphin-immunoreactive neurons in the rat nucleus accumbens: ultrastructure and synaptic input from terminals containing substance P and/or dynorphin.

[Participation of tachykinins in experimental models of lung damage].

Induction of age pigment accumulation in the brain cells of young male rats through iron-injection into the cerebrospinal fluid.

NCAM polypeptides in heart development: association with Z discs of forms that contain the muscle-specific domain.

Toxicology of methyl bromide.

Factors affecting mammary tumor incidence in chlorotriazine-treated female rats: hormonal properties, dosage, and animal strain.

Acute 2,4-dichlorophenoxyacetic acid intoxication in cattle.

[Acetylcholinesterase in the erythrocyte membrane].

Neurodegeneration produced by intrahippocampal injection of paraquat is reduced by systemic administration of the 21-aminosteroid U74389F in rats.

Superoxide dismutase (sod-1) null mutants of *Neurospora crassa*: oxidative stress sensitivity, spontaneous mutation rate and response to mutagens.

Studies on the neuromuscular blocking action of commercial paraquat in mouse phrenic nerve-diaphragm.

Olfactory toxicity resulting from dermal application of 2,6-dichlorobenzonitrile (dichlobenil) in the C57Bl mouse.

Glufosinate ammonium--some aspects of its mode of action in mammals.

Neurologic health outcomes and Agent Orange: Institute of Medicine report.

Characterization of the capsaicin-sensitive component of cyclophosphamide-induced inflammation in the rat urinary bladder.

Effects of pentachlorophenol (PCP) on the pituitary and thyroidal hormone regulation in the rat.

Delayed and severe toxicities of a herbicide containing glufosinate and a surfactant.

Inhaled nitric oxide in advanced paraquat intoxication.

Aldehyde dehydrogenase of mice inhibited by thiocarbamate herbicides.

Experimental metolachlor toxicosis in Nubian goats in the Sudan.

Human bronchial smooth muscle responsiveness after in vitro exposure to acrolein.

Pharmacokinetic modeling of 2,4-dichlorophenoxyacetic acid (2,4-D) in rat and in rabbit brain following single dose administration.

Reduction of thyroxine uptake into cerebrospinal fluid and rat brain by hexachlorobenzene and pentachlorophenol.

Effects of 3-amino-1,2,4-triazole on brain catalase in the mediation of ethanol consumption in mice.

[Ultrastructural change of brain ganglion of *Oncomelania hupensis* after immersion in sodium pentachlorophenate].

Characterization of a thioredoxin-related surface protein.

Short-term toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in laboratory animals: effects, mechanisms, and animal models.

Effects of polychlorinated biphenyls (PCBs) and dioxins on growth and development.

Characterization of a triple opioid system in the human neuroblastoma NMB cell line.

Concomitant increases in galectin-1 and its glycoconjugate ligands (carcinoembryonic antigen, lamp-1, and lamp-2) in cultured human colon carcinoma cells by sodium butyrate.

Antipeptide antibodies directed to the C-terminal part of ammodytoxin A react with the PLA2 subunit of crotoxin and neutralize its pharmacological activity.

Modelling of human acute toxicity from physicochemical properties and non-vertebrate acute toxicity of the 38 organic chemicals of the MEIC priority list by PLS regression and neural network.

Dose response and time course of alterations in tryptophan metabolism by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the most TCDD-susceptible and the most TCDD-resistant rat strain: relationship with TCDD lethality.

Hypothesis for mammary tumorigenesis in Sprague-Dawley rats exposed to certain triazine herbicides.

Selective closure of the vascular bed of an experimental glioma model during in situ saline perfusion.

Treatment of methyl bromide poisoning with haemodialysis.

Neurotoxins: a neuroscience nursing challenge.

Established IL-2-dependent double-negative (CD4- CD8-) TCR alpha beta/CD3+ ATL cells: induction of CD4 expression.

Comparative in vitro effects of sodium arsenite and sodium arsenate on neuroblastoma cells.

Role of tyrosine phosphorylation in matrix-induced neurite outgrowth in human neuroblastoma cells.

Time course of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced thymic atrophy in the Wistar rat.

Participation of Na⁺ channels in the response of carotid body chemoreceptor cells to hypoxia.

Hypoxic stimulation of vascular endothelial growth factor expression in vitro and in vivo.

Analgesic effects of callus culture extracts from selected species of *Phyllanthus* in mice.

Cytoplasmic transfer of the mtDNA nt 8993 T→G (ATP6) point mutation associated with Leigh syndrome into mtDNA-less cells demonstrates cosegregation with a decrease in state III respiration and ADP/O ratio.

Inhibition of heat shock protein HSP90-pp60v-src heteroprotein complex formation by benzoquinone ansamycins: essential role for stress proteins in oncogenic transformation.

Alteration of intracellular Ca²⁺ transients in COS-7 cells transfected with the cDNA encoding skeletal-muscle ryanodine receptor carrying a mutation associated with malignant hyperthermia.

Partial demasculinization and feminization of sex behavior in male rats by in utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin is not associated with alterations in estrogen receptor binding or volumes of sexually differentiated brain nuclei.

Effects of in utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on responsiveness of the male rat reproductive system to testosterone stimulation in adulthood.

Iron deficiency in two adolescents with conduct, dysthymic and movement disorders.

Deaths from primary brain cancers, lymphatic and haematopoietic cancers in agricultural workers in the Republic of Ireland.

Dentate gyrus and olfactory bulb responses to olfactory and noxious stimulation in urethane anaesthetized rats.

Erythropoietin increases hemoglobin during radiation therapy for cervical cancer.

Morbidity follow up study of BASF employees exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) after a 1953 chemical reactor incident.

Psychological characteristics and subjective intolerance for xenobiotic agents of normal young adults with trait shyness and defensiveness. A parkinsonian-like personality type?

Postischemic inhibition of cerebral cortex pyruvate dehydrogenase.

Treatment of deeply infiltrating endometriosis.

Coxsackievirus B3 infection alters the uptake of 2,3,7,8-tetrachlorodibenzo-p-dioxin into various tissues of the mouse.

In vivo and in vitro 4-amino-2,6-dichlorophenol nephrotoxicity and hepatotoxicity in the Fischer 344 rat.

An increased percentage of long amyloid beta protein secreted by familial amyloid beta protein precursor (beta APP717) mutants.

Human NAD(P)H:quinone oxidoreductase2. Gene structure, activity, and tissue-specific expression.

Internalization and degradation of monoclonal antibody chCE7 by human neuroblastoma cells.

Opening of large-conductance calcium-activated potassium channels by the substituted benzimidazolone NS004.

Characterization of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced brain serotonin metabolism in the rat.

Leukemia and brain tumors in Norwegian railway workers, a nested case-control study.

Iron deficiency and infant development.

Y2 receptors for neuropeptide Y are coupled to three intracellular signal transduction pathways in a human neuroblastoma cell line.

Essential fatty acid preparation (SR-3) raises the seizure threshold in rats.

Testing the metabolic hypothesis of O₂ chemoreception in the cat carotid body in vitro.

TCDD decreases brain inositol concentrations in the rat.

On the formation of neuromata in the primary olfactory projection.

Heat shock glycoprotein GP50: product of the retinoic acid-inducible J6 gene.

Effects of alpha-tocopherol on lipid peroxidation and mitochondrial reduction of tetraphenyl tetrazolium in the rat brain.

Neuropsychological sequelae of methyl bromide: a case study.

Polychlorinated biphenyls (PCBs): environmental impact, biochemical and toxic responses, and implications for risk assessment.

Histochemical demonstration of free radicals (H₂O₂) in ischemic brain edema and protective effects of human recombinant superoxide dismutase on ischemic neuronal damage.

[Effect of organic solvents on functional nervous system disorders].

The intrathymic target cell for the thymotoxic action of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Peri- and postnatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: effects on physiological development, reflexes, locomotor activity and learning behaviour in Wistar rats.

Mechanisms of chemical injury of thyroid gland.

Assessment of cell-specific cytotoxic responses of the kidney to selected aromatic hydrocarbons.

NTP Toxicology and Carcinogenesis Studies of 4,4'-Thiobis(6-*t*-butyl-*m*-cresol) (CAS No. 96-69-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Ah receptor in different tissues of C57BL/6J and DBA/2J mice: use of competitive polymerase chain reaction to measure Ah-receptor mRNA expression.

Identification of endogenously phosphorylated KSP sites in the high-molecular-weight rat neurofilament protein.

Plasminogen binds specifically to alpha-enolase on rat neuronal plasma membrane.

Altered impulse activity modifies synaptic physiology and mitochondria in crayfish phasic motor neurons.

Immobilization, characterization, and laboratory-scale application of bovine liver arginase.

Retroviral lineage studies of the rat olfactory epithelium.

Putative rat sperm lipid-binding protein: isolation and partial characterization.

Olfactory mucosal lesions in F344 rats following inhalation exposure to pyridine at threshold limit value concentrations.

Characterization of basic fibroblast growth factor-mediated acceleration of axonal branching in cultured rat hippocampal neurons.

Comparative mutagenicity of chemicals selected for test in the International Program on Chemical Safety's collaborative study on plant systems for the detection of environmental mutagens.

Synthesis of n.c.a. carbon-11 labelled clozapine and its major metabolite clozapine-N-oxide and comparison of their biodistribution in mice.

Studies on intrachromosomal recombination in SP5/V79 Chinese hamster cells upon exposure to different agents related to carcinogenesis.

Systemic or local administration of azide produces striatal lesions by an energy impairment-induced excitotoxic mechanism.

T cell receptor-induced Fas ligand expression in cytotoxic T lymphocyte clones is blocked by protein tyrosine kinase inhibitors and cyclosporin A.

Cloning of a cDNA encoding an ectoenzyme that degrades thyrotropin-releasing hormone.

Review of the safety assessment of polychlorinated biphenyls (PCBs) with particular reference to reproductive toxicity.

Detection of oxidation products in individual neurons by fluorescence microscopy.

Evidence of two mechanisms of prostaglandin release in an in vitro model of muscle damage. Possible therapeutic implications.

Astrocytes implicated in the energizing of intermediate memory processes in neonate chicks.

Inhibitory effects of calcium antagonists on mitochondrial swelling induced by lipid peroxidation or arachidonic acid in the rat brain in vitro.

The low molecular weight protein which co-purifies with alpha-latrotoxin is structurally related to crustacean hyperglycemic hormones.

Ecotoxicological studies with the freshwater rotifer *Brachionus calyciflorus*. IV. Rotifer behavior as a sensitive and rapid sublethal test criterion.

Interaction of serotonin- and dopamine-related neurotoxins with "serotonin binding proteins" in bovine frontal cortex.

Information processing within the motor cortex. II. Intracortical connections between neurons receiving somatosensory cortical input and motor output neurons of the cortex.

Macrophage colony-stimulating factor mediates astrocyte-induced microglial ramification in human fetal central nervous system culture.

Morphological changes of somatostatin neurons in the suprachiasmatic nucleus by hypophysectomy of the rat.

Rapid desensitization of adrenaline- and neuropeptide Y-stimulated Ca²⁺ mobilization in HEL-cells.

Interaction between the central histaminergic and the muscarinic cholinergic systems.

PET studies of the uptake of (S)- and (R)-[11C]nicotine in the human brain: difficulties in visualizing specific receptor binding in vivo.

Neurite outgrowth stimulated by the tyrosine kinase inhibitor herbimycin A requires activation of tyrosine kinases and protein kinase C.

Inhibition of energy metabolism alters the processing of amyloid precursor protein and induces a potentially amyloidogenic derivative.

Cardiovascular effects of NaCl microinjections into the nucleus of the solitary tract.

Sensitivity of adenosine triphosphatases in different brain regions to polychlorinated biphenyl congeners.

Development of an optical formaldehyde sensor based on the use of immobilized pararosaniline.

Blockade of ovulation in the rat by the fungicide sodium N-methyldithiocarbamate: relationship between effects on the luteinizing hormone surge and alterations in hypothalamic catecholamines.

Role of P-selectin and leukocyte activation in polymorphonuclear cell adhesion to surface adherent activated platelets under physiologic shear conditions (an injury vessel wall model).

Spin trapping of azidyl and hydroxyl radicals in azide-inhibited rat brain submitochondrial particles.

Cytoskeleton-dependent transport of cytoplasmic particles in previtellogenic to mid-vitellogenic ovarian follicles of *Drosophila*: time-lapse analysis using video-enhanced contrast microscopy.

Leukemia inhibitory factor and nerve growth factor are retrogradely transported and processed by cultured rat sympathetic neurons.

Astrocytic glycogenolysis energizes memory processes in neonate chicks.

Effect of metabolic alterations on the accumulation of technetium-99m-labeled d,l-HMPAO in slices of rat cerebral cortex.

Constituents of euphorbiaceae 12. Comm. (1). Isolation and structure elucidation of four new cerebrosides from *Euphorbia biglandulosa* Desf.

Effect of lipid peroxidation on beating frequency of human sperm tail.

Binding of native and [homoserine lactone-52]-52,53-seco-bovine basic pancreatic trypsin inhibitor (Kunitz inhibitor) to porcine pancreatic beta-kallikrein-B and bovine alpha-chymotrypsin: thermodynamic study.

In vitro and in vivo transport of zidovudine (AZT) across the blood-brain barrier and the effect of transport inhibitors.

Total serum testosterone and gonadotropins in workers exposed to dioxin.

Study of tissue-type plasminogen activator binding sites on fibrin using distinct fragments of fibrinogen.

Glucose-6-phosphate dehydrogenase is enriched in oligodendrocytes of the rat spinal cord. Enzyme histochemical and immunocytochemical studies.

Increased proliferation, cytotoxicity, and gene expression after stimulation of human peripheral blood T lymphocytes through a surface ganglioside (GD3).

NTP Toxicology and Carcinogenesis Studies of o-Benzyl-p-Chlorophenol (CAS No. 120-32-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Intracellular calcium and pH as sensitive parameters of toxicity in neural cell culture.

Lack of direct immunosuppressive effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on human peripheral blood lymphocyte subsets in vitro.

Covalent structure of botulinum neurotoxin type A: location of sulfhydryl groups, and disulfide bridges and identification of C-termini of light and heavy chains.

Behavioral evidence for modified receptor sensitivity in rat brain induced by methyl bromide exposure.

Toxicology of selected nitric oxide-donating xenobiotics, with particular reference to azide.

Permeability changes in the blood-brain barrier of neonate and adult rats after thiobencarb exposure.

Neurotoxicity of isoproturon, a substituted phenylurea herbicide, in mice.

Transport of 2,4,5-trichlorophenoxyacetic acid across the blood-cerebrospinal fluid barrier of the rabbit.

Human pentachlorophenol poisoning.

Neonatal exposure to paraquat or MPTP induces permanent changes in striatum dopamine and behavior in adult mice.

Risk factors for Parkinson's disease.

Risk factors in young-onset Parkinson's disease.

Groundwater pesticides: interactive effects of low concentrations of carbamates aldicarb and methomyl and the triazine metribuzin on thyroxine and somatotropin levels in white rats.

Effects of 2,4-dichlorophenoxyacetic acid (2,4-D) on open-field behaviour and neurochemical parameters of rats.

A health survey of workers in the pentachlorophenol section of a chemical manufacturing plant.

Immunohistochemical localization of paraquat in skin and eye of rat.

Parkinson's disease: a test of the multifactorial etiologic hypothesis.

[Do electromagnetic fields or chemicals cause cancer?].

Mutagenic and carcinogenic pesticides used in the agricultural environment of Gaza Strip.

Inhibitory effects of calcium channel antagonists on motor dysfunction induced by intracerebroventricular administration of paraquat.

Neurotoxicity of 2,4-dichlorophenoxyacetic butyl ester in chick embryos.

Nitrofen-induced congenital diaphragmatic defects in CD1 mice.

Community exposure to a paraquat drift.

Organophosphate poisoning.

Morphological pattern of the hypothalamo-neurohypophyseal system in acute intoxication with 2,4-dichlorophenoxyacetic acid [2,4-D].

Zonal distribution of protein-acetaldehyde adducts in the liver of rats fed alcohol for long periods.

Paraquat-induced lung injury: prevention by vasoactive intestinal peptide and related peptide helodermin.

Investigation of a mechanism for Leydig cell tumorigenesis by linuron in rats.

Hydrogen peroxide production by monoamine oxidase during ischemia-reperfusion in the rat brain.

Protective role for neuropeptides in acute pulmonary response to acrolein in guinea pigs.

Determination of paraquat in rat brain by high-performance liquid chromatography.

Failure of the 5-HT₂ receptor antagonist, ritanserin, to alter preference for alcohol in drinking rats.

Is hydrogen peroxide involved in the benzyl viologen-mediated in-vivo inactivation of rat liver glutamine synthetase?

Nitro blue tetrazolium staining: a morphological demonstration of superoxide in the rat retina.

Characterization of amyloid fibril beta-peptide in familial Alzheimer's disease with APP717 mutations.

Selective induction of alpha 1 isoform of (Na⁺ + K⁺)-ATPase by insulin/insulin-like growth factor-I in cultured rat astrocytes.

Histologic evidence for a toxic polyneuropathy due to exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats.

Experimental Parkinson's disease in monkeys. Effect of ergot alkaloid derivative on lipid peroxidation in different brain areas.

Resistance to aflatoxin B₁ is associated with the expression of a novel aldo-keto reductase which has catalytic activity towards a cytotoxic aldehyde-containing metabolite of the toxin.

The cardioprotective, vasorelaxant and electrophysiological profile of the large conductance calcium-activated potassium channel opener NS-004.

Collagen studies in newborn rat kidneys with incomplete ureteric obstruction.

Gastric vagus mediates immobilization-induced hypocalcemia in rats.

Thyroxine binding in a TTR Met 119 kindred.

Transport of (2-chloroethyl)-3-sarcosinamide-1-nitrosourea in the human glioma cell line SK-MG-1 is mediated by an epinephrine-sensitive carrier system.

5-HT₂ receptor blockade by amperozide suppresses ethanol drinking in genetically preferring rats.

Role of the Ah receptor and the dioxin-inducible [Ah] gene battery in toxicity, cancer, and signal transduction.

Human health effects of agrichemical use.

Peripheral neuropathy after occupational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Environmental antecedents of young-onset Parkinson's disease.

Renal and hepatic toxicity of monochloroacetanilides in the Fischer 344 rat.

Growth factors prevent mitochondrial dysfunction, loss of calcium homeostasis, and cell injury, but not ATP depletion in hippocampal neurons deprived of glucose.

Opioid peptides in the rabbit carotid body: identification and evidence for co-utilization and interactions with dopamine.

Effect of a single lethal dose of TCDD on the levels of monoamines, their metabolites and tryptophan in discrete brain nuclei and peripheral tissues of Long-Evans rats.

Enhanced phosphorylation of a 65 kDa protein is associated with rapid induction of stress proteins in 9L rat brain tumor cells.

[Neurotoxicity of methyl bromide--neuropathologic evaluation--preliminary study].

Electrophysiologic evidence for a toxic polyneuropathy in rats after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Structural alterations in the peptide backbone of beta-amyloid core protein may account for its deposition and stability in Alzheimer's disease.

Effects of restricted feeding on the absorption, metabolism, and accumulation of pentachlorobenzene in rats.

Systemic effects of inhalational methyl bromide poisoning: a study of nine cases occupationally exposed due to inadvertent spread during fumigation.

Reversal of developmental delays in iron-deficient anaemic infants treated with iron.

Chronic arsenicism: criminal poisoning or drug-intoxication? Report of two cases.

Effect of external cation concentration and metabolic inhibitors on membrane potential of human glial cells.

Family pesticide use and childhood brain cancer.

Skin dendritic cell-lymphocyte interactions in autologous system.

³¹P and ¹³C NMR spectroscopic study of wild type and multidrug resistant Ehrlich ascites tumor cells.

Developmental and reproductive toxicity of dioxins and related compounds: cross-species comparisons.

In vivo response of the rat's retinal pigment epithelium to azide at advanced stages of hereditary retinal dystrophy.

[Intracerebral-ventricular injection of 4-aminopyridine induced convulsion in rabbits].

Transport mechanism of 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitors at the blood-brain barrier.

Quantitative assay of S-100 protein in mouse brain cortex synaptosomes.

Relationship of oxypurine release to contractile failure in dinitrophenol-treated rat skeletal muscle.

Tissue distribution and toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats after intravenous injection.

Angiotensin II-mediated facilitation of sympathetic neurotransmission in the spontaneously hypertensive rat is not associated with neuronal uptake of the peptide.

Ifosfamide. Patient care management.

Restricted transport of cyclosporin A across the blood-brain barrier by a multidrug transporter, P-glycoprotein.

Metabolism of the plant toxins nitropropionic acid and nitropropanol by ruminal microorganisms.

Histopathologic approaches to chemical toxicity using primary cultures of dissociated neural cells grown in chamber slides.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induced ethoxyresorufin-O-deethylase (EROD) and aldehyde dehydrogenase (ALDH3) activities in the brain and liver. A comparison between the most TCDD-susceptible and the most TCDD-resistant rat strain.

NTP technical report on the toxicity studies of Pesticide/Fertilizer Mixtures Administered in Drinking Water to F344/N Rats and B6C3F1 Mice.

Ultrastructural localization and afferent sources of corticotropin-releasing factor in the rat rostral ventrolateral medulla: implications for central cardiovascular regulation.

Free radical induction in the brain and liver by products of toluene catabolism.

Comparative effects of endrin on hepatic lipid peroxidation and DNA damage, and nitric oxide production by peritoneal macrophages from C57BL/6J and DBA/2 mice.

Human non-secretory ribonucleases. I. Purification, peptide mapping and lectin blotting analysis of the kidney, liver and spleen enzymes.

Increased neurite outgrowth induced by inhibition of protein tyrosine kinase activity in PC12 pheochromocytoma cells.

Modification of P450 activity and its effect on 1,2-dichlorobenzene toxicity in Fischer 344 rats.

[Toxicology of tobacco].

Glycosidase digestion, electrophoresis and chromatographic analysis of recombinant human granulocyte colony-stimulating factor glycoforms produced in Chinese hamster ovary cells.

Effect of macromolecules on the structure of the mitochondrial inter-membrane space and the regulation of hexokinase.

Purification of a *Pasteurella haemolytica* serotype 1-specific polysaccharide epitope by use of monoclonal antibody immunoaffinity.

Immunoaffinity purification and characterization of gamma-aminobutyric acid (GABA)_B receptor from bovine cerebral cortex.

Porcine cerebroside sulfate activator: further structural characterization and disulfide identification.

Iron-initiated tissue oxidation: lipid peroxidation, vitamin E destruction and protein thiol oxidation. Inhibition by a novel antioxidant, U-78517F.

NTP Toxicology and Carcinogenesis Studies of Pentachloroanisole (CAS No. 1825-21-4) in F344 Rats and B6C3F1 Mice (Feed Studies).

Opioid peptides activate phospholipase D and protein kinase C-epsilon in chicken embryo neuron cultures.

A photocross-linking fluorescent indicator of mitochondrial membrane potential.

Effect of oxidative stress on (3H)N-methylscopolamine binding and production of thiobarbituric acid reactive substances in rat cerebral cortex membranes.

Ultrastructure of early chick embryo tissues after high pressure freezing and freeze substitution.

Purification and sequence determination of guanylate kinase from pig brain.

Stereoselective determination of the active metabolites of a new anti-inflammatory agent (CS-670) in human and rat plasma using antibody-mediated extraction and high-performance liquid chromatography.

Structure and biological activities of a heparin-derived hexasaccharide with high affinity for basic fibroblast growth factor.

Comparative study on the changes in AChE and ATPase activities in neonate and adult rat brains under thiobencarb stress.

Neuropsychological effects of chronic exposure to environmental dioxins and furans.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on plasma and tissue beta-endorphin-like immunoreactivity in the most TCDD-susceptible and the most TCDD-resistant rat strain.

Biological monitoring of occupational pesticides exposure.

Deglycosylation and fragmentation of purified rat liver angiotensin II receptor: application to the mapping of hormone-binding domains.

Ultrastructure of the cortical epithelium of the rat thymus after in vivo exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Comparative pharmacokinetics of ifosfamide, 4-hydroxyifosfamide, chloroacetaldehyde, and 2- and 3-dechloroethylifosfamide in patients on fractionated intravenous ifosfamide therapy.

Chlorinated dibenzo-p-dioxins and dibenzofurans and the human immune system. 1. Blood cell receptors in volunteers with moderately increased body burdens.

Production of limbic motor seizures and brain damage by systemic and intracerebral injections of paraquat in rats.

Neurotoxic effects induced by intracerebral and systemic injection of paraquat in rats.

Simazine toxicosis in sheep.

Changes in lipid peroxidation levels and lipid composition in the lungs, livers, kidneys and brains of mice treated with paraquat.

Prevalence of glioblastoma multiforme subjects with prior herbicide exposure.

Inhibition of lipid peroxidation and cholesterol levels in mice by curcumin.

Acute effects of acrolein on breathing: role of vagal bronchopulmonary afferents.

The effect of pesticides on carp (*Cyprinus carpio* L). Acetylcholinesterase and its biochemical characterization.

Morphological changes on nerves and histopathological effects on liver and kidney of rats by pentachlorophenol (PCP).

Acute and persistent parkinsonism after use of diquat.

A comparison of the acute toxicity, neuropathology, and electrophysiology of N,N-diethyl-m-toluamide and N,N-dimethyl-2,2-diphenylacetamide in rats.

Distribution of paraquat into the brain after its systemic injection in rats.

Fatal paraquat poisoning: a light microscopic study in eight autopsy cases.

Brain cancer and farming in western Canada.

[Valve movement of the mussel *Dreissena polymorpha* as a monitoring system for bodies of water].

Microtiter particle agglutination test for diagnosis of leprosy.

Selective reduction by the 5-HT antagonist amperozide of alcohol preference induced in rats by systemic cyanamide.

Short-term hypothyroidism and vasopressin gene expression in the rat.

Selection and analysis of superoxide dismutase mutants of *Neurospora*.

Ethanol metabolism in rat brain homogenates by a catalase-H₂O₂ system.

The effect of 3-amino-1,2,4-triazole on voluntary ethanol consumption: evidence for brain catalase involvement in the mechanism of action.

X-ray studies on phospholipid bilayers. XII. Interactions of pentachlorophenol with myelin.

Ethanol-induced motor activity in normal and acatalasemic mice.

1-Methyl-tetrahydro-beta-carboline-3-carboxylic acid is present in the rat brain and is not increased after acute ethanol injection with cyanamide treatment.

The pyrimido-pyrimidine derivative RA-642 protects from brain injury in a combined model of permanent focal ischemia and global ischemia reperfusion.

Case report: neuropathology of methyl bromide intoxication.

Methyl bromide intoxication and acute energy deprivation syndromes.

The neural cell adhesion molecule (NCAM) heparin binding domain binds to cell surface heparan sulfate proteoglycans.

Glucose regulation of synaptic transmission in the dorsolateral septal nucleus of the rat.

Mitochondrial ATP-synthase deficiency in a child with 3-methylglutaconic aciduria.

Alzheimer's disease and control brain contain soluble derivatives of the amyloid protein precursor that end within the beta amyloid protein region.

Evidence of a neurogenic component during IgE-mediated inflammation in mouse skin.

Acute neurobehavioural effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in Han/Wistar rats.

Enzymatic production of acetaldehyde from ethanol in rat brain tissue.

Myalgia and elevated creatine kinase activity associated with subcutaneous injections of diluent.

Immunosuppressive therapy and acquired immunological disorders.

Cytochemical detection of superoxide in cerebral inflammation and ischemia in vivo.

A comparison of sodium arsenite- and hyperthermia-induced stress responses and abnormal development in cultured postimplantation rat embryos.

Amyotrophic lateral sclerosis: increased solubility of skin collagen.

Hypoxia induces glucose transporter expression in endothelial cells.

A simple assay for determination of iron release from ferritin in neuroblastoma cells.

The effects of beraprost Na, a stable prostacyclin analog, on animal models of stroke.

Alterations in the cortical thymic epithelium of rats after in vivo exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): an (immuno)histological study.

Parkinson's disease and exposure to agricultural work and pesticide chemicals.

Persistent brominated and chlorinated dioxin blood levels in a chemist. 35 years after dioxin exposure.

Chronic sodium azide treatment impairs learning of the Morris water maze task.

Specific inhibition of NGF receptor tyrosine kinase activity by K-252a.

Comparative studies on the extractability of collagen from aortas of stroke-prone spontaneously hypertensive and normotensive rats.

Localization of the reflex pathway responsible for the vasodepressor reaction induced by inferior vena caval occlusion and isoproterenol.

Extraembryonic tissue changes induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,4,7,8-pentachlorodibenzofuran with a note on direction of maternal blood flow in the labyrinth of C57BL/6N mice.

A case of methyl bromide poisoning.

Effects of acid-base status on acute hypoxic pulmonary vasoconstriction and gas exchange.

In utero and lactational exposure of male rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin. 1. Effects on androgenic status.

In utero and lactational exposure of male rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin. 2. Effects on sexual behavior and the regulation of luteinizing hormone secretion in adulthood.

Synthesis and anticonvulsant activity of some new 4-aryl-4-imidazoline-2-one derivatives.

Affinity chromatographic purification of immunoglobulin M antibodies utilizing immobilized mannan binding protein.

Partial amino acid sequence of a somatostatin receptor isolated from GH4C1 pituitary cells.

Heat-shock responsive elements in the induction of the multidrug resistance gene (MDR1).

Cancer risk among Danish and Italian farmers.

Cytochrome oxidase inhibition: a novel animal model of Alzheimer's disease.

Effect of acidosis and anoxia on iron delocalization from brain homogenates.

Cassava cyanogens and konzo, an upper motoneuron disease found in Africa.

Metabolically dependent blood-brain barrier breakdown in chronic relapsing experimental allergic encephalomyelitis.

A new threat to public health: organochlorines and food.

The heat shock response: potential to screen teratogens.

Fatal systemic poisoning after skin exposure to monochloroacetic acid.

Methylbromide intoxication: a case report.

Reactive oxygen metabolites in toxic acute renal failure.

Purification and amino-acid sequence of a nerve growth factor from the venom of *Vipera russelli russelli*.

Purification and determination of the binding site of lactate dehydrogenase from chicken breast muscle on immobilized ferric ions.

Isolation, partial amino acid sequence, and cellular distribution of heat-shock protein hsp98 from *Neurospora crassa*.

Astrocyte glutamate uptake during chemical hypoxia in vitro.

Primary structure and cellular localization of chicken brain myosin-V (p190), an unconventional myosin with calmodulin light chains.

Effect of inorganic phosphate on hypoxanthine transport in isolated brain microvessels.

Induction and intracellular localization of the 80-kilodalton heat-shock protein of *Neurospora crassa*.

Primary structure and mitochondrial import in vitro of the 20.9 kDa subunit of complex I from *Neurospora crassa*.

(S)- and (R)-[11C]nicotine and the metabolite (R/S)-[11C]cotinine. Preparation, metabolite studies and in vivo distribution in the human brain using PET.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes reduction of glucose transporting activities in the plasma membranes of adipose tissue and pancreas from the guinea pig.

Dimethyl disulfide mimics the effects of milk on fetal behavior and responsiveness to cutaneous stimuli.

Brain and egg tubulins from antarctic fishes are functionally and structurally distinct.

Bovine brain 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase. Evidence for a neural-specific isozyme.

[Thermoregulatory uncoupling of oxidation and phosphorylation in the chick brain in embryogenesis].

Antioxidant defense mechanisms of endothelial cells and renal tubular epithelial cells in vitro: role of the glutathione redox cycle and catalase.

Beta-endorphin innervation of dopamine neurons in the rat hypothalamus: a light and electron microscopic double immunostaining study.

Heparin removal from blood using poly(L-lysine) immobilized hollow fiber.

Studies of collagen in bone and dentin matrix of a Columbian mammoth (late Pleistocene) of central Utah.

Surgical and pharmacological dissociation of cardiovascular and emetic responses to intragastric CuSO₄.

Antibodies to the regulatory subunit of cAMP-dependent protein kinase type II from bovine brain inhibit the holoenzyme formation.

The type II isoform of bovine brain protein L-isoaspartyl methyltransferase has an endoplasmic reticulum retention signal (...RDEL) at its C-terminus.

Health status and needs of migrant farm workers in the United States: a literature review.

Quantitative light microscopic demonstration of increased pallidal and striatal met5-enkephalin-like immunoreactivity in rats following chronic treatment with haloperidol but not with clozapine: implications for the pathogenesis of neuroleptic-induced movement disorders.

Mitochondrial glutathione and methyl iodide-induced neurotoxicity in primary neural cell cultures.

Immobilization of solubilized UDP-glucuronosyltransferase from rat liver microsomes to Sepharose 4B.

Deamidation of human erythrocyte protein 4.1: possible role in aging.

³¹P-NMR spectroscopy of perfused rat hepatocytes immobilized in agarose threads: application to chemical-induced hepatotoxicity.

Mammalian thymidine kinase 2. Direct photoaffinity labeling with [³²P]dTTP of the enzyme from spleen, liver, heart and brain.

Cyclophosphamide cystitis in rats: involvement of capsaicin-sensitive primary afferents.

Mouse liver cytidine-5'-monophosphate-N-acetylneuraminic acid hydroxylase. Catalytic function and regulation.

Sodium-dependent nucleoside transport in choroid plexus from rabbit. Evidence for a single transporter for purine and pyrimidine nucleosides.

Studies on curare-like action of 2,2',2''-tripyrindine in the mouse phrenic nerve-diaphragm.

[The mechanism of the renal excretion of disopyramide in rats. I].

Carbamylation-induced alterations in low-density lipoprotein metabolism.

Tolerance induction in resting memory B cells specific for a protein antigen.

Cloning and expression of an Arabidopsis nitrilase which can convert indole-3-acetonitrile to the plant hormone, indole-3-acetic acid.

Benzoquinonoid ansamycins possess selective tumoricidal activity unrelated to src kinase inhibition.

Absorptive-mediated endocytosis of an adrenocorticotrophic hormone (ACTH) analogue, ebitatide, into the blood-brain barrier: studies with monolayers of primary cultured bovine brain capillary endothelial cells.

Effect of adsorbents on degradation of toxic organic compounds by coimmobilized systems.

NTP Toxicology and Carcinogenesis Studies of Methyl Bromide (CAS: 74-83-9) in B6C3F1 Mice (Inhalation Studies).

Synthesis of (S)-N-[methyl-¹¹C]nicotine and its regional distribution in the mouse brain: a potential tracer for visualization of brain nicotinic receptors by positron emission tomography.

Effects of chronic atropine administration on regional vasoactive intestinal polypeptide concentrations in rat brain.

Purification and localization of brain-type creatine kinase in sodium chloride transporting epithelia of the spiny dogfish, *Squalus acanthias*.

Oxygen modulates contractile responses to potassium and prostaglandin F₂ alpha in human pial arteries.

Cellular basis for interactions between catecholaminergic afferents and neurons containing Leu-enkephalin-like immunoreactivity in rat caudate-putamen nuclei.

Preparation and biodistribution in mice of [¹¹C]carfentanil: a radiopharmaceutical for studying brain mu-opioid receptors by positron emission tomography.

In vitro neurotoxicity of methyl iodide.

Effect of methyl bromide on regional brain glutathione, glutathione-S-transferases, monoamines, and amino acids in F344 rats.

Activity of oxytocinergic neurons in the paraventricular nucleus mirrors the periodicity of the endogenous stimulatory rhythm regulating prolactin secretion.

Tissue distribution of monochloroacetic acid and its binding to albumin in rats.

Polyhalogenated dibenzo-p-dioxins and dibenzofurans and the immune system. 4. Effects of multiple-dose treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on peripheral lymphocyte subpopulations of a non-human primate (*Callithrix jacchus*).

Phylogenetically conserved amino acids of MBP and P0 from amphibian myelin.

Brain microdialysis study of the effects of hazardous chemicals on the central nervous system. 1. Changes in monoamine metabolites induced by cerebral methyl bromide administration measured by two-probe microdialysis (TPMD) method.

Subcellular mechanism and site of action of ionic lanthanum at the motor nerve terminal.

Contrasting influences of central and peripheral opioids on cardiac baroreflex sensitivity in rabbits.

Lethality, hexobarbital narcosis and behavior in rats exposed to atrazine, bentazon or molinate.

The upper respiratory tract: mucous membrane irritation.

Evidence that paraquat is able to cross the blood-brain barrier to a different extent in rats of various age.

2,4-D toxicosis.III: An attempt to produce 2,4-D toxicosis in dogs on treated grass plots.

2,4-D toxicosis.II: A pilot study of clinical pathologic and electroencephalographic effects and residues of 2,4-D in orally dosed dogs.

[Is it appropriate to consider wood preservative poisoning in the differential diagnosis of chronic recurrent respiratory tract infections?].

Intra-nigral infusion of Cu-free superoxide dismutase prevents paraquat-induced behavioural stimulation and ECoG epileptogenic discharges in rats.

[Observations of the fibrosing process in paraquat lung injury by chest X-ray and CT].

Pentachlorophenol concentrations in human cerebrospinal fluid.

Sublethal effects of pentachlorophenol in the abalone (*Haliotis rufescens*) as measured by in vivo ³¹P NMR spectroscopy.

[Neuro-otologic diagnosis after long-term exposure to wood preservatives containing pentachlorophenol].

Embryo lethality of new herbicides is not detected by the micromass teratogen tests.

Immunohistochemical localization of paraquat in lung and brain.

Bialaphos poisoning with apnea and metabolic acidosis.

Acute and chronic effects of parathion and 2,4 D on the oxygen consumption of *Chasmagnathus granulata* (Decapoda, Brachyura).

Acute poisoning with a glyphosate-surfactant herbicide ('Roundup'): a review of 93 cases.

Marked augmentation of nocturnal melatonin secretion in amenorrheic athletes, but not in cycling athletes: unaltered by opioidergic or dopaminergic blockade.

Prevention of H₂O₂ generation by monoamine oxidase protects against CNS O₂ toxicity.

Free radical production and ischemic brain damage: influence of postischemic oxygen tension.

Central monoamine oxidase and phenolsulfotransferase activities in spontaneously hypertensive rats.

Mechanism of paraquat-stimulated lipid peroxidation in mouse brain and pulmonary microsomes.

Enzyme mediated superoxide radical formation initiated by exogenous molecules in rat brain preparations.

Dose- and time-dependent effect of an acute 3-amino-1,2,4-triazole injection on rat brain catalase activity.

Interaction between dual NADPH-dependent reactions of paraquat in mouse brain microsomes.

Effects of Fe²⁺, Fe³⁺ and desferrioxamine on paraquat accumulation by rabbit kidney cortex slices.

Effects of MPTP, MPP⁺, and paraquat on NADPH-dependent lipid peroxidation in mouse brain and lung microsomes.

Effect of 3-amino-1,2,4-triazole on ethanol-induced narcosis, lethality and hypothermia in rats.

Different effects of paraquat on microsomal lipid peroxidation in mouse brain, lung and liver.

Studies on ethanol-brain catalase interaction: evidence for central ethanol oxidation.

Modulations in nitrogen metabolism in the hepatic and neuronal tissues of fish, *Tilapia mossambica* exposed to atrazine.

Depletion of brain serotonin does not alter 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced starvation syndrome in the rat.

Specific adhesion of carcinoembryonic antigen-bearing colorectal cancer cells to immobilized carcinoembryonic antigen.

Neurotoxicity of polychlorinated biphenyls: structure-activity relationship of individual congeners.

Toxic and neoplastic responses in the nasal passages: future research needs.

The epidemiology of Parkinson's disease. A case-control study of young-onset and old-onset patients.

Ninety day toxicity study of chloroacetic acids in rats.

Intracellular calcium concentrations during "chemical hypoxia" and excitotoxic neuronal injury.

Exact cleavage site of Alzheimer amyloid precursor in neuronal PC-12 cells.

Acute neurotoxicity of sodium azide and nitric oxide.

Long-term effects of chemical disasters. Lessons and results from Seveso.

Use of whole bowel irrigation in an infant following iron overdose.

Symptoms among workers with long-term exposure to methyl bromide. An epidemiological study.

Glutathione depletion during experimental damage to rat skeletal muscle and its relevance to Duchenne muscular dystrophy.

Extracorporeal techniques in the treatment of poisoned patients.

Effects of ATP-sensitive K⁺ channel blockers on the action potential shortening in hypoxic and ischaemic myocardium.

[Intestinal obstruction caused by non-absorbable tablets and Budd-Chiari syndrome in a patient with Crohn's disease].

Hypothyroidism and acquired von Willebrand disease.

Environmental risk factors in siblings with Parkinson's disease.

[Inhibitors for protein tyrosine kinases, erbstatin, genistein and herbimycin A, induce differentiation of human neural tumor cell lines].

Characterization of the cell-cycle-regulated protein calcyclin from Ehrlich ascites tumor cells.

Identification of two binding proteins obtained by Ca²⁺(+)-dependent affinity chromatography.

Transfusion of type-A and type-B blood to cats.

[Intravenous methyl iodide poisoning--detoxification using hemoperfusion].

Histological study of therapy for infected nonvital permanent teeth with incompletely formed apices.

Antithrombin Vicenza, Ala 384 to Pro (GCA to CCA) mutation, transforming the inhibitor into a substrate.

An exploratory study of environmental and medical factors potentially related to childhood cancer.

Diethyldithiocarbamate, copper and neurological disorders.

Effects of divalent cations on the time course of post-tetanic decay of miniature endplate potential frequency in frogs.

Chronic inhalation toxicity and carcinogenicity study of methyl bromide in Wistar rats.

Pyridine derivatives: structure-activity relationships causing parkinsonism-like symptoms.

[Parkinson's disease and environmental factors].

Heat shock proteins in human and mouse embryonic cells after exposure to heat shock or teratogenic agents.

Polycythemia in diabetic patients on CAPD.

Response of the antral mucosa of the rat stomach to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Relationship between the concanavalin A-agglutinability and deformability of human erythrocytes.

Mechanism of anoxic conduction block in mammalian nerve.

Proliferation of chick embryo neuroblasts grown in the presence of horse serum requires exogenous transferrin.

[Localization of the antigenic segment of the tick-borne encephalitis virus envelope protein using monoclonal antibodies].

Rapid and sensitive quantitation of cyanide in blood and its application to fire victims.

Degradation of erythrocyte glycophorin results in increased membrane bound hemoglobin.

Novel pathways of antigen presentation for the maintenance of memory.

Comparative studies on the primary structure of acetylcholinesterases from bovine caudate nucleus and bovine erythrocytes.

Presence of another species of myelin basic protein (MBP) in the developing chick brain.

Effect of experimental ocular hypertension on macrovacuolation in Schlemm's canal endothelial cells of monkey eyes.

Vagal amplification of phrenic nerve activity at different levels of ventilation in spontaneously breathing cats.

Ten- and ninety-day toxicity studies of 1,2-dichlorobenzene administered by oral gavage to Sprague-Dawley rats.

Microphotometric determination of enzymes in brain sections. IV. Isocitrate dehydrogenases.

Microphotometric determination of enzymes in brain sections. V. Glycerophosphate dehydrogenases.

Effect of iron succinyl-protein complexes on gastrointestinal motility in the fasting dog.

The stress protein response in cultured neurons: characterization and evidence for a protective role in excitotoxicity.

Characterization of the renal effects and renal elimination of sulotroban in the dog.

Hexose uptake in primary cultures of bovine brain microvessel endothelial cells. I. Basic characteristics and effects of D-glucose and insulin.

Differentiation by hydroquinone of relaxations induced by exogenous and endogenous nitrates in non-vascular smooth muscle: role of superoxide anions.

The cortical actomyosin system of cytochalasin D-treated lymphoblasts.

Vesicular and cytoplasmic localization of neurotensin-like immunoreactivity (NTLI) in neurons postsynaptic to terminals containing NTLI and/or tyrosine hydroxylase in the rat central nucleus of the amygdala.

Toxicity equivalency factors for PCBs?

Effect of Ag⁺ on membrane permeability of perfused *Helix pomatia* neurons.

GABA-labeled terminals form proportionally more synapses with dopaminergic neurons containing low densities of tyrosine hydroxylase-immunoreactivity in rat ventral tegmental area.

NTP Toxicology and Carcinogenesis Studies of Sodium Azide (CAS: 26628-22-8) in F344 Rats (Gavage Studies).

Role of the N-terminal region of phospholipase A2 subunit of beta 1-bungarotoxin in the toxin-Ca²⁺ complex-formation.

Transport of monocarboxylic acids at the blood-brain barrier: studies with monolayers of primary cultured bovine brain capillary endothelial cells.

Mitochondrial 3-2trans-Enoyl-CoA isomerase. Purification, cloning, expression, and mitochondrial import of the key enzyme of unsaturated fatty acid beta-oxidation.

Studies on the structures of the Tm, Sj, M1, Can, Sext and Hu blood group antigens.

Potassium-evoked responses from the retinal pigment epithelium of the toad *Bufo marinus*.

Amino acid sequence of the FV region of a human monoclonal IgM (NOV) with specificity for the capsular polysaccharide of the group B meningococcus and of *Escherichia coli* K1, which cross-reacts with polynucleotides and with denatured DNA.

[Uptake of adrenaline by rat brain synaptosomes. Effects of several psychotropic drugs].

Uptake of glutathione by renal cortical mitochondria.

In vitro identification of a soluble protein:geranylgeranyl transferase from rat tissues.

Use of coimmobilized biological systems to degrade toxic organic compounds.

Synthesis, stereochemical analysis, and neuromuscular blocking activity of oximino ether derivatives of progesterone.

Toxicity of 2,6-dichlorothiobenzamide (chlorthiamid) and 2,6-dichlorobenzamide in the olfactory nasal mucosa of mice.

The pyrimido-pyrimidine derivative RA-642: a potent inhibitor of ferrous-induced lipid peroxidation in cell membranes.

Protamine-coated Cuprophan. A potential nonthrombogenic hemodialysis membrane with improved blood compatibility.

Characterization of posttranslational modifications in neuron-specific class III beta-tubulin by mass spectrometry.

Effect of a single dose of TCDD on the level of histamine in discrete nuclei in rat brain.

Nucleotide and DNA uptake by *Neurospora crassa*: involvement of an uptake stimulating protein.

Metabolism and toxicity of methyl iodide in primary dissociated neural cell cultures.

The effect of energy status on phosphatidylinositol turnover in rat brain.

IgG response is impaired in H2-c-fos transgenic mice.

Association between exposure to a stenching agent in a herbicide packing plant and the occurrence of headache and lethargy.

Biochemical alterations in skeletal muscle induced by 2,4-dichlorophenoxyacetic butyl ester during chick embryonic development.

NADPH-dependent reaction of paraquat in mouse brain microsomes.

Acute toxicity of the natural algicide, cyanobacterin, to *Daphnia magna*.

[Exposure to agricultural chemicals and oncogenic risk].

Toxicity of mixtures of parathion, toxaphene and/or 2,4-D in mice.

Acute toxicity testing in the nonlethal dose range: a new approach.

Selective vulnerability of hippocampal CA3 neurones after microinfusion of paraquat into the rat substantia nigra or into the ventral tegmental area.

[Free amino acids of the liver and the characteristics of the amino acid metabolism in the liver and brain after cyanamide administration to rats].

Toxicokinetics of monochloroacetic acid: a whole-body autoradiography study.

[The effect of chronic butyphos poisoning on protein and nucleic acid synthesis in various rat organs and activity of blood cholinesterase].

Irreversible binding and toxicity of the herbicide dichlobenil (2,6-dichlorobenzonitrile) in the olfactory mucosa of mice.

Acrolein depletes the neuropeptides CGRP and substance P in sensory nerves in rat respiratory tract.

[The toxicity of a prometryne/simazine combination in the lactation stage of rats].

Importance of bioassay volume in toxicity tests using algae and aquatic invertebrates.

Clinical presentation and management of acute 2,4-D oral ingestion.

The improbable association between the herbicide 2,4-D and polyneuropathy.

Relationship of DNA damage and embryotoxicity induced by 4-hydroperoxydechlorocyclophosphamide in postimplantation rat embryos.

Electroencephalographical analysis of acute paraquat poisoning.

Full thickness skin burns secondary to an unusual exposure to diquat dibromide.

Paraquat pharmacokinetics using a subcutaneous toxic low dose in the rat.

Distribution of three common chlorophenoxyacetic acid herbicides into the rat brain.

Increase in the acute toxicity and brain concentrations of chlorophenoxyacetic acids by probenecid in rats.

[Distribution and elimination of C-14-2,4-dichlorophenoxyacetic acid (2,4 D) in rat tissues in acute poisoning].

Absence of delayed neurotoxicity and increased plasma butyrylcholinesterase activity in triallate-treated hens.

Paraquat toxicity and pyridine nucleotide coenzyme synthesis: a data correction.

[Biochemical changes in the brain tissue of white rats exposed to the herbicide acetochlor under acute and subacute oral experimental conditions].

Behavioral changes in rats fed a diet containing 2,4-dichlorophenoxyacetic butyl ester.

The response of primary cultured adult mouse sensory neurons to ethanol, propanol, acetaldehyde and acrolein treatments.

Regional H₂O₂ concentration in rat brain after hyperoxic convulsions.

Purification of anti-paraquat monoclonal antibodies by affinity chromatography on immobilised hapten.

Induction of superoxide dismutase in leukocytes by paraquat: correlation with age and possible predictor of longevity.

Environmental risk factors in Parkinson's disease.

Energetic metabolism and fatigability in experimental myotonia.

Central action of an inhibitor of brain dopa-decarboxylase, NSD-1015, on cyanamide-induced alcohol drinking in rats.

Alterations of arachidonate metabolism in cardiovascular system by cigarette smoking.

Changes in brain serotonin and 5-hydroxyindolacetic acid levels induced by 2,4-dichlorophenoxyacetic butyl ester.

Behavioral and neurochemical changes associated with chronic exposure to low-level concentration of pesticide mixtures.

Changes on cerebral antioxidant enzymes, peroxidation, and the glutathione system of frogs after aging and catalase inhibition.

Differences in endothelium-dependent cerebral dilation by bradykinin and acetylcholine.

Influence of oxidative stress on the age-linked alterations of the cerebral glutathione system.

Determination of paraquat in rat brain using ion-pair solid-phase extraction and reversed-phase high-performance liquid chromatography with ultraviolet detection.

The effects of pentachlorophenol (PCP) at the toad neuromuscular junction.

Antigen-induced cross-linking of the IgE receptor leads to an association with the detergent-insoluble membrane skeleton of rat basophilic leukemia (RBL-2H3) cells.

Reactive oxygen metabolites in endotoxin-induced acute renal failure in rats.

Towards a more effective management of pregnancy related anaemias in Africa.

Autologous blood transfusions in children and young adults with low body weight undergoing spinal surgery.

Embryotoxic effects of sodium azide infusions in the Syrian hamster.

Sinemet-ferrous sulphate interaction in patients with Parkinson's disease.

Remarkable residual alterations in responses to feeding regulatory challenges in Han/Wistar rats after recovery from the acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-induced appetite suppression in the Sprague-Dawley rat is not a direct effect on feed intake regulation in the brain.

Confirmation by peptide sequence and co-expression on various cell types of the identity of CD44 and P85 glycoprotein.

Lead exposure lowers the set point for food consumption and growth in weanling rats.

An inhibition ELISA for the quantification of collagens type I and type II in cyanogen bromide-digested tissues using fragment-directed antibodies.

Reversible focal neurologic deficits in severe iron deficiency anemia.

Brain opioid peptides may participate in the reversal of pentylene-tetrazol-induced amnesia.

G protein gamma subunits contain a 20-carbon isoprenoid.

Evaluation of factors which affect column performance with immobilized monoclonal antibodies. Model studies with a lysozyme-antilysozyme system.

Pulmonary diffusing capacities for nitric oxide and carbon monoxide determined by rebreathing in dogs.

Two cases of acute toluene intoxication.

Transfer of proteins to membranes facilitates both cyanogen bromide cleavage and two-dimensional proteolytic mapping.

Characterization of ATP and calmodulin-binding properties of a truncated form of *Bacillus anthracis* adenylate cyclase.

[Effect of monoamine neurotransmitters in the hypothalamus in a cortisol-induced rat model of yang-deficiency].

Brain phenylalanine and tyrosine levels and hepatic encephalopathy induced by CCl₄ in rats.

Immunogenicity of collagenous implants.

Fibril in senile systemic amyloidosis is derived from normal transthyretin.

Intradural granulocytic sarcoma presenting as a lumbar radiculopathy. Case report.

A 42-kD tyrosine kinase substrate linked to chromaffin cell secretion exhibits an associated MAP kinase activity and is highly related to a 42-kD mitogen-stimulated protein in fibroblasts.

[Acute myelomonocytic leukemia with mastocytosis in bone marrow].

Methyl bromide myoclonus: an electrophysiological study.

Airway opioid receptors mediate inhibition of cough and reflex bronchoconstriction in guinea pigs.

Neurogenic inflammation, vascular permeability, and mast cells. Capsaicin desensitization fails to influence IgE-anti-DNP induced vascular permeability in rat airways.

Parkinson's disease: a case-control study of occupational and environmental risk factors.

Methyl bromide intoxication in four field-workers during removal of soil fumigation sheets.

Embryotoxic effects of sodium arsenite and sodium arsenate on mouse embryos in culture.

Effect of inhibitors of cytoplasmic structures and functions on rabies virus infection in vitro.

Mortality and morbidity among Army Chemical Corps Vietnam veterans: a preliminary report.

Epidemiologic studies of cancer in agricultural workers.

Simulation of aspects of ischemia in cell culture: changes in lactate compartmentation.

Cytotoxicity of lymphokine-activated killer cells against human neuroblastoma cells: modulation by neuroblast differentiation.

Golgi-like demonstration of "dark" neurons with an argyrophil III method for experimental neuropathology.

Absorption, distribution, excretion and metabolism of a single oral dose of [¹⁴C]tri-o-cresyl phosphate (TOCP) in the male rat.

Mapping of the region of the tick-borne encephalitis virus replicase adjacent to initiating substrate binding center.

Mitochondrial respiratory inhibition by N-methylated beta-carboline derivatives structurally resembling N-methyl-4-phenylpyridine.

Influence of SK&F 95587 and BN 50730 on bronchoconstrictor responses in the cat.

Memory consolidation of weak training experiences by hormonal treatments.

Amino acid sequence and characterization of a heparin-binding neurite-promoting factor (p18) from bovine brain.

Regulation of the spatial order of cortical microtubules in developing guard cells of *Allium*.

Rapid induction of acetylcholine receptor aggregates by a neural factor and extracellular Ca^{2+} .

Lightly chlorinated ortho-substituted PCB congeners decrease dopamine in nonhuman primate brain and in tissue culture.

Processing of thyrotropin-releasing hormone (TRH) prohormone in the rat olfactory bulb generates novel TRH-related peptides.

Regulation of ion uptake in membrane vesicles from rat brain by thiamine compounds.

Changes in rat brain monoamines, monoamine metabolites and histamine after a single administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Sensory neurotoxicology: use of the olfactory system in the assessment of toxicity.

Recent progress in the use of the technique of non-radioactive in situ hybridization histochemistry: new tools for molecular neurobiology.

Synthesis and preliminary evaluation of carbon-11-meta-hydroxyephedrine: a false transmitter agent for heart neuronal imaging.

Altered regulation of pituitary gonadotropin-releasing hormone (GnRH) receptor number and pituitary responsiveness to GnRH in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated male rats.

Identification and characterization of high-affinity Ca^{2+} -ATPase associated with axonal plasma membranes of dog mesenteric nerves.

Optimization of differential immunogold-silver and peroxidase labeling with maintenance of ultrastructure in brain sections before plastic embedding.

Contact site between inner and outer mitochondrial membrane: a dynamic microcompartment for creatine kinase activity.

Oxygen uptake and mean blood pressure as indicators of induced hyperthermia.

The phosphocreatine shuttle of sea urchin sperm: flagellar creatine kinase resulted from a gene triplication.

Synthesis of (R)-(-)- and (S)-(+)-4-fluorodeprenyl and (R)-(-)- and (S)-(+)-[N-11C-methyl]-4-fluorodeprenyl and positron emission tomography studies in baboon brain.

The role of cGMP in the extinction of the reactions of identified neurons of the edible snail in response to acetylcholine.

A recombinant snake neurotoxin generated by chemical cleavage of a hybrid protein recovers full biological properties.

Glutathione enhancement in various mouse organs and protection by glutathione isopropyl ester against liver injury.

Primary structure of glycolipid transfer protein from pig brain.

Sequence analysis, tissue distribution and regulation by cell depolarization, and second messengers of bovine secretogranin II (chromogranin C) mRNA.

[Locomotor activity and urinary excretion of orthocresol in rats exposed to toluene].

Multiple sites of methyl esterification of calmodulin in intact human erythrocytes.

Behavioral indicators of sublethal toxicity in rainbow trout.

Choline uptake by cerebral capillary endothelial cells in culture.

Development of thermotolerance in *Neurospora crassa* by heat shock and other stresses eliciting peroxidase induction.

Immunogenicity of peptides cleaved by cyanogen bromide from Japanese encephalitis virus envelope glycoprotein E.

Molecular cloning and amino acid sequence of peptide-N4-(N-acetyl-beta-D-glucosaminyl)asparagine amidase from flavobacterium meningosepticum.

Concentration of membrane antigens by forward transport and trapping in neuronal growth cones.

Bundling and cross-linking of intermediate filaments of the nervous system.

Isolation, purification and characterization of beta-hCGRP from human spinal cord.

Cell loss and class distribution of TH-I cells in the substantia nigra of the neurological mutant, weaver.

NTP Toxicology and Carcinogenesis Studies of Iodinated Glycerol (Organidin(R).) (CAS No. 5634-39-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

L-NG-monomethyl arginine and L-NG-nitro arginine inhibit non-adrenergic, non-cholinergic relaxation of the mouse anococcygeus muscle.

Role of nerve growth factor in oxidant-antioxidant balance and neuronal injury. I. Stimulation of hydrogen peroxide resistance.

Lipoamidase (lipoyl-X hydrolase) from pig brain.

Ionic imbalances in the CNS of neonate rat during induced benthocarb stress.

Specific teratogenic action of 2,4,5-trichlorophenoxyacetic acid on mouse and rat whole-embryo cultures.

Effect of the tetraphenylboron ion on the inhibition of mitochondrial respiration in synaptosomes by the 1-methyl-4-phenylpyridinium ion (MPP(+)).

Ascorbate- and hemoglobin-dependent brain chemiluminescence.

Sodium-azide-evoked noradrenaline release from peripheral nerves of rabbit pulmonary artery.

Microphotometric determination of enzymes in brain sections. III. Glutamate dehydrogenase.

Microphotometric determination of enzymes in brain sections. II. GABA transaminase.

The ostrich pituitary contains a major peptide homologous to mammalian chromogranin A(1-76).

Disposition, elimination, and metabolism of tri-o-cresyl phosphate following daily oral administration in Fischer 344 male rats.

Early appearance of tyrosine hydroxylase immunoreactive cells in the mesencephalon of mouse embryos.

Pre-natal (segment II) toxicity study of cinnamic aldehyde in the Sprague-Dawley rat.

Behavioural, ECoG and neuropathological effects after intracerebral injection of MPP+ and paraquat in rats.

Acute health effects of community exposure to cotton defoliants.

[Structural changes in the rat cerebral cortex induced by alcohol in combination with aldehyde dehydrogenase inhibitors].

The boring story of Agent Orange already is outdated.

Effects in vitro of benthocarb on the uptake of ⁴⁵Ca by neonatal rat (Wistar strain) brain synaptosomes.

Carcinogenicity and teratogenicity vs. psychogenicity: psychological characteristics associated with self-reported Agent Orange exposure among Vietnam combat veterans who seek treatment for substance abuse.

Gardening and young onset Parkinson disease.

HPLC measurement of chlorophenoxy herbicides, bromoxynil, and ioxynil, in biological specimens to aid diagnosis of acute poisoning.

[Evaluation of the capability of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine and pyridine derivatives to evoke parkinsonism].

Cancer risk in a cohort of licensed pesticide users.

Parkinson disease in farm workers.

Penetration studies and residue determinations of 2,4-dichlorophenoxyacetic acid butyl ester in fertile hen eggs and chicks hatched from treated eggs.

[Paraquat poisoning. Pulmonary lesions].

[The effects of 1-methyl-4-phenylpyridine (MPP+) on O₂- generation by neutrophils].

The behavioral effects of pesticides in male mice.

Methyl parathion toxicity in rats is changed by pretreatment with the pesticides chlordecone, mirex and linuron.

Effects of 2,4-dichlorophenoxyacetic acid (2,4-D) on biogenic amines and their acidic metabolites in brain and cerebrospinal fluid of rats.

Enhanced in vivo H₂O₂ generation by rat kidney in glycerol-induced renal failure.

Brain biogenic amine levels after methanol administration: possible mechanism of action on central monoaminergic neurons in discrete areas of brain in Wistar rat.

Inhibition of brain dopa-decarboxylase by RO 4-4602 infused ICV blocks alcohol drinking induced in rats by cyanamide.

Regulation of the nuclear genes encoding the cytoplasmic and mitochondrial leucyl-tRNA synthetases of *Neurospora crassa*.

Possible catabolism of paraquat in mouse brain microsomes.

Renal handling of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in rats.

Atrazine biodegradation in rats--a model for mammalian metabolism.

Inhibition of paraquat accumulation in rabbit kidney cortex slices by ascorbic acid.

Contraluminal organic anion and cation transport in the proximal renal tubule: V. Interaction with sulfamoyl- and phenoxy diuretics, and with beta-lactam antibiotics.

Testosterone metabolism in neuroendocrine organs in male rats under atrazine and deethylatrazine influence.

The biodisposition of MPP+ in mouse brain.

N-methylation as a toxication route for xenobiotics. II. In vivo formation of N,N'-dimethyl-4,4'-bipyridyl ion (paraquat) from 4,4'-bipyridyl in the guinea pig.

Effects of 3-amino-1,2,4-triazole on ethanol-induced open-field activity: evidence for brain catalase mediation of ethanol's effects.

Effects of MPTP, MPP+ and paraquat on mitochondrial potential and oxidative stress.

Inducible responses to DNA damaging or stress inducing agents in *Neurospora crassa*.

The adrenocorticotrophic hormone (ACTH)-induced reversal of hemorrhagic shock.

[In vivo study of the analgesic action of different methods and drugs in endodontics].

Medical monitoring of dioxin clean-up workers.

[Noncirrhotic liver fibrosis after chronic arsenic poisoning].

The central nervous system may be involved in TCDD toxicity.

Epidemiologic study of Parkinson's disease in Hong Kong.

Mitochondrial myopathies: morphological and biochemical studies in human muscle cultures.

Hexose transport in human myoblasts.

Nigexine, a phospholipase A2 from cobra venom with cytotoxic properties not related to esterase activity. Purification, amino acid sequence, and biological properties.

Hemodynamic effects of experimental iron poisoning.

Regional hemodynamic responses to hypoxia and hypermetabolism in polycythemic dogs.

Mortality in an area contaminated by TCDD following an industrial incident.

Ten-year mortality study of the population involved in the Seveso incident in 1976.

Simplified method for screening populations at risk for transthyretin Met30-associated familial amyloidotic polyneuropathy.

Affinity purification of active plasminogen activator inhibitor-1 (PAI-1) using immobilized anhydrourokinase. Demonstration of the binding, stabilization, and activation of PAI-1 by vitronectin.

Effect of hepatic failure toxins on regenerative enzymes in the liver after injury with galactosamine in the rat.

The effect of a chalcogenopyrylium dye with and without photolysis on mitochondrial function in normal and tumor cells.

Purification and characterization of the 180-kDa membrane guanylate cyclase containing atrial natriuretic factor receptor from rat adrenal gland and its regulation by protein kinase C.

Cyanide and arsenic poisoning by intravenous injection.

Basal lipid peroxidation in substantia nigra is increased in Parkinson's disease.

Dynamics of epidermal growth factor receptor internalization studied by Nanovid light microscopy and electron microscopy in combination with immunogold labeling.

Involvement of ventral medullary surface in respiratory responses induced by 2,4-dinitrophenol.

Antithrombin Sheffield: amino acid substitution at the reactive site (Arg393 to His) causing thrombosis.

Follow-up of subjects who developed chloracne following TCDD exposure at Seveso.

The effect of oxidants on biomembranes and cellular metabolism.

Myoinositol inhibits proliferation of cultured Schwann cells: evidence for neurotoxicity of myoinositol.

Achilles tendon replacement by a collagen fiber prosthesis: morphological evaluation of neotendon formation.

Bialaphos resistance as a dominant selectable marker in *Neurospora crassa*.

[Effects of FeSO₄ on electrical and mechanical activity of guinea pig papillary muscles].

Bovine spermatozoa as an in vitro model for studies on the cytotoxicity of chemicals: effects of chlorophenols.

Both alpha- and beta-calcitonin gene-related peptides are present in plasma, cerebrospinal fluid and spinal cord in man.

Amino acid sequences of the two major isoforms of troponin C from crayfish.

Selective mouse breeding for short ethanol sleep time has led to high levels of hepatic aromatic hydrocarbon (Ah) receptor.

A dense core vesicle protein is restricted to the cortex of granules in the exocrine atrial gland of *Aplysia californica*.

Triphasic inotropic response of guinea-pig papillary muscle to murrayquinone-A isolated from Rutaceae.

Selection of antibody epitopes in an immunopathogenic neural autoantigen.

The primary structure of a protein carboxyl methyltransferase from bovine brain that selectively methylates L-isoaspartyl sites.

Effects of muscarinic receptor agonists and antagonists on alpha 2-adrenoceptors in rat brain.

Prolonged aerobic exercise: physiological studies in rat gastrocnemius with additional observations on the effects of acute mitochondrial blockade.

Radioiodinated phenoxyacetic acid derivatives as potential brain imaging agents. II. Structure-biodistribution relationship.

Radioiodinated phenoxyacetic acid derivatives as potential brain imaging agents. I. Efficient synthesis via trimethylsilyl intermediates.

Regulatory properties of calcium/calmodulin-dependent protein kinase II in rat brain postsynaptic densities.

Memory effects of the new derivative of the p-chlorophenoxyacetic acid adafenoxate compared to the effects of some cognition-enhancing drugs in rats.

Villus contraction aids repair of intestinal epithelium after injury.

Intestinal-like alkaline phosphatase expressed in normal human adult kidney.

Effect of retraining trials on memory consolidation in weakly reinforced learning.

Memory formation processes in weakly reinforced learning.

Sodium salicylate facilitates calcium-dependent release of transmitter at mouse neuromuscular junctions.

Analysis of vertebrate eye movements following intravitreal drug injections. III. Spontaneous nystagmus is modulated by the GABA_A receptor.

'Perforated patch recording' allows long-term monitoring of metabolite-induced electrical activity and voltage-dependent Ca²⁺ currents in pancreatic islet B cells.

Homology between the cDNAs encoding phosphoprotein p19 and SCG10 reveals a novel mammalian gene family preferentially expressed in developing brain.

Transport of cefodizime, a novel third generation cephalosporin antibiotic, in isolated rat choroid plexus.

Aplysia californica neurons R3-R14: primary structure of the myoactive histidine-rich basic peptide and peptide I.

[The role of cGMP in extinguishing the reactions of identified neurons in the edible snail to acetylcholine].

Modulation of benthocarb in vitro inhibited neonate rat (Wistar strain) brain Na⁺K⁺-ATPase by norepinephrine.

Effects of anticholinergic drugs on regional brain neurotensin concentrations.

Effects of hypoxic hypoxia and reoxygenation on H₂O₂ production in rat brain in vivo.

Management of acute iron overdose.

Microtubule-associated protein tau. Identification of a novel peptide from bovine brain.

Three fatal sodium azide poisonings.

Evidence for three differentially regulated catalase genes in *Neurospora crassa*: effects of oxidative stress, heat shock, and development.

Isolation, characterization, and amino acid sequence of a polypeptide neurotoxin occurring in the sea anemone *Stichodactyla helianthus*.

Multiple forms of recombinant murine interleukin-4 expressed in COS-7 monkey kidney cells.

Substrate variability as a factor in enzyme inhibitor design: inhibition of ovine brain glutamine synthetase by alpha- and gamma-substituted phosphinothricins.

The effect of a low pH saline perfusate upon the integrity of the energy-depleted rat blood-brain barrier.

Sequence simplification and the intra- and intermolecular self-recognition properties of vasopressin/neurophysin biosynthetic precursor.

Preparation of diastereomeric beta-d-glucuronides of the bronchodilator procaterol using immobilized rabbit liver microsomal enzymes.

Structural characterization and localization of corticotropin-releasing factor in testis.

Amino acid sequence of locust neuroparsins.

NTP Toxicology and Carcinogenesis Studies of Two Pentachlorophenol Technical-Grade Mixtures (CAS No. 87-86-5) in B6C3F1 Mice (Feed Studies).

Inhibitors of protein phosphatase-1. Inhibitor-1 of bovine adipose tissue and a dopamine- and cAMP-regulated phosphoprotein of bovine brain are identical.

Influence of 2,3-dimercaptopropane-1-sulfonate and dimercaptosuccinic acid on the mobilization of mercury from tissues of rats pretreated with mercuric chloride, phenylmercury acetate or mercury vapors.

Purification, cyanogen bromide cleavage, and amino terminus sequencing of class 1 and class 3 outer membrane proteins of meningococci.

Non-mitochondrial calcium ion regulation in rat ventricular myocytes.

Effects of vitamin A and its analogs on nonenzymatic lipid peroxidation in rat brain mitochondria.

Amino acid sequence of a presynaptic neurotoxin, agkistrodotoxin, from the venom of *Agkistrodon halys* Pallas.

Interaction of human eosinophils or neutrophils with *Trypanosoma cruzi* in vitro causes bystander cardiac cell damage.

Cholinesterase inhibition by organophosphorus and carbamate pesticides in aggregate cultures of neural cells from the foetal rat brain: The effects of metabolic activation and pesticide mixtures.

Roller Chamber Technique in Cell Toxicology.

Sodium-dependent uptake of nucleosides by dissociated brain cells from the rat.

Similarities of toluene and o-cresol neuroexcitation in rats.

Ostrich MSEL-neurophysin belongs to the class of two-domain "big" neurophysin as indicated by complete amino acid sequence of the neurophysin/copeptin.

Embryotoxicity of phenyl ketone analogs of cyclophosphamide.

[Catalytic component of calmodulin-independent adenylate cyclase from bovine brain. Isolation and determination of partial amino acid sequence].

Steroid and xenobiotic effects on the adrenal cortex: mediation by oxidative and other mechanisms.

Sodium-azide-evoked noradrenaline and catecholamine release from peripheral sympathetic nerves and chromaffin cells.

Synthesis and regional mouse brain distribution of [¹¹C]nisoxetine, a norepinephrine uptake inhibitor.

Structural similarity of hyaluronate binding proteins in brain and cartilage.

Neuropathological lesions after microinfusion of paraquat and MPP⁺ into different areas of the rat brain.

Health and reproductive outcomes among American Legionnaires in relation to combat and herbicide exposure in Vietnam.

Reproductive behaviour and consistent patterns of abnormality in offspring of Vietnam veterans.

[No Parkinsonian syndrome following acute paraquat poisoning].

Susceptibility in Parkinson's disease. 'Of mice and men'.

Herbicides: acute toxicity on Daphnia, fish, and plants and analysis of its relationships with structural factors.

Functional teratogens of the rat kidney. II. Nitrofen and ethyleneurea.

Functional teratogens of the rat kidney. I. Colchicine, dinoseb, and methyl salicylate.

Inhibition of mouse hepatocyte intercellular communication by paraquat-generated oxygen free radicals.

Brain damage due to paraquat poisoning: a fatal case with neuropathological examination of the brain.

Glucocorticoid toxicity in the hippocampus: in vitro demonstration.

Acute MCPP intoxication: report of two cases.

Neurobehavioral toxicity and tolerance to the herbicide 2,4-dichlorophenoxyacetic acid-n-butyl ester (2,4-D ester).

Agent Orange exposure and posttraumatic stress disorder.

[Penta-chlorophenol (Xylophene) poisoning].

2,4-Dichlorophenoxyacetic acid intoxication increases its accumulation within the brain.

Behavioural and electrocortical changes induced by paraquat after injection in specific areas of the brain of the rat.

Effects of prenatal exposure to 2,4-D/2,4,5-T mixture on postnatal changes in rat brain glutamate, GABA, protein, and nucleic acid levels.

Cause specific mortality among employees engaged in the manufacture, formulation, or packaging of 2,4-dichlorophenoxyacetic acid and related salts.

Toxicity and distribution of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in developing chick embryos.

2,4-D-n-butyl ester (2,4-D ester) induced ataxia in rats: role for n-butanol formation.

Neurobehavioral toxicity of 2,4-D-n-butyl ester (2,4-D ester): tolerance and lack of cross-tolerance.

Comparative study on cerebrovascular injuries by three chlorophenoxyacetic acids (2,4-D, 2,4,5-T and MCPA).

Autoradiography of [¹⁴C]paraquat or [¹⁴C]diquat in frogs and mice: accumulation in neuromelanin.

Ultrastructural localization of platelet-derived growth factor and related factors in normal and transformed cells.

Intramuscular pH and endurance are abnormal in skeletal muscles from rats with experimental myotonia.

Role of acidosis in the changes of rat brain monoamines after methanol administration & effect of blocking methanol metabolism by 4-methyl pyrazole & 3-amino-1,2,4-triazole.

Effects of cyclophosphamide and a metabolite, acrolein, on *Naegleria fowleri* in vitro and in vivo.

Auxin induces rapid changes in phosphatidylinositol metabolites.

Effect of 3-amino-1,2,4-triazole on narcosis time and lethality of ethanol in UChA rats.

Effects of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP), cyperquat (MPP+) and paraquat on isolated mitochondria from rat striatum, cortex and liver.

The development of a C1q anti-C1q immunoabsorbent for removal of immune complexes from plasma.

Familial amyloidotic polyneuropathy: transthyretin (prealbumin) variants in kindreds of Italian origin.

Neuronal cell differentiation of human neuroblastoma cells by retinoic acid plus herbimycin A.

Toxicology and pathology of methyl bromide in F344 rats and B6C3F1 mice following repeated inhalation exposure.

Endogenous opiate modulation of baroreflexes in normotensive and hypertensive rats.

A case-control study of brain gliomas and occupational exposure to chemical carcinogens: the risk to farmers.

Screening of pharmacological agents given peripherally with respect to TCDD-induced wasting syndrome in Long-Evans rats.

Characterization and immunoassay of human tumor-associated galactosyltransferase isoenzyme II.

Hepatic ATP content and hyperammonemia induced by CCl₄ in rats.

Clinical toxicology--past, present and future.

Alteration of opioid peptide and receptor ontogeny in the brain of pre- and postnatally low-level lead-exposed rats.

Mechanism of L-triiodothyronine (T₃) uptake by glial C6 cells: regulation by butyrate.

Partial sequence of MAP2 in the region of a shared epitope with Alzheimer neurofibrillary tangles.

[Health survey on morbidity and accidents in various productive agricultural sectors].

Hepatic failure toxins depress liver regenerative enzymes after periportal injury with allyl alcohol in the rat.

Synthesis and pharmacological screening of some new triazoles.

Alterations of the posttranslational processing of a lysosomal enzyme in C6 glioma cells.

Selective alteration in blood-brain barrier and insulin transport in iron-deficient rats.

Single amino acid substitutions in the reactive site of antithrombin leading to thrombosis. Congenital substitution of arginine 393 to cysteine in antithrombin Northwick Park and to histidine in antithrombin Glasgow.

A crucial role of ongoing anaerobic glycolysis in attenuating acute ischemia-induced release of myocardial noradrenaline.

Catalase prevents increased lung vascular permeability during air emboli in unanesthetized sheep.

Effect of uncouplers of oxidative phosphorylation on transmitter release in dystrophic mice.

2,4-Dinitrophenol, muscle biopsy, and McArdle's disease.

Acute effects of amiodarone on action potentials of isolated guinea-pig ventricular muscle exposed to simulated ischemic solution and metabolic inhibitors.

Mortality among California highway workers.

Oral and dermal toxicity of MSMA to New Zealand white rabbits, *Oryctolagus cuniculus*.

Synthesis of ¹¹C-methylated inulin as a radiopharmaceutical for imaging brain edema and pulmonary edema.

Membrane IgM: interactions with the cortical cytoskeleton in the human lymphoblastoid cell line WiL2.

Long-term effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the peripheral nervous system. Clinical and neurophysiological controlled study on subjects with chloracne from the Seveso area.

Anaphylactic shock: catecholamine actions in the responses to opioid antagonists.

Primary structure of a ribonuclease from bovine brain.

Chemical synthesis and expression of copper metallothionein gene of *Neurospora crassa*.

Agonist-induced substance P receptor down-regulation in rat central nervous system.

The heat shock response of *Neurospora crassa*: stress-induced thermotolerance in relation to peroxidase and superoxide dismutase levels.

Central respiratory inhibition by angiotensin II in anesthetized cats.

Affinity chromatography of fibrinogen on *Lens culinaris* agglutinin immobilized on CNBr-activated sepharose: study of the active groups involved in nonspecific adsorption.

Acute toxicity of cresols, xlenols, and trimethylphenols to *Daphnia magna* Straus 1820.

Studies on the neuropsychopharmacological profile of fengabine (SL 79229) in mice.

The amino acid sequence of ribonuclease N1, a guanine-specific ribonuclease from the fungus *Neurospora crassa*.

Mechanism of gamma-aminobutyric acid/benzodiazepine receptor turnover in neuronal cells: evidence for nonlysosomal degradation.

Studies on the toxicity of 1-methyl-4-phenylpyridinium ion (MPP+) against mitochondria of mouse brain.

Memory B cells express a phenotype consistent with migratory competence after secondary but not short-term primary immunization.

Degeneration and regeneration of the olfactory epithelium following inhalation exposure to methyl bromide: pathology, cell kinetics, and olfactory function.

Immunological characterization of thioltransferase from pig liver.

Partial characterization of specific cantharidin binding sites in mouse tissues.

Catalase-positive microperoxisomes in rat soleus and extensor digitorum longus muscle fiber types.

Neurospora tryptophan synthase. Characterization of the pyridoxal phosphate binding site.

The use of in vivo brain dialysis of dopamine, acetylcholine, amino acids and lactic acid in studies on the neurotoxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP).

Effects of the external ions and metabolic poisoning on the constriction of the squid giant axon after axotomy.

Characteristics of taurine transport system and its developmental pattern in mouse cerebral cortical neurons in primary culture.

Transport of digoxin into brain microvessels and choroid plexuses isolated from guinea pig.

Estimating the rate of externalization of gonadotrophin-releasing hormone receptors in ovine anterior pituitary cells in vitro.

Binding of tissue-type plasminogen activator to fibrinogen fragments.

[3H]-myo-inositol uptake in rat cortical slices. Identification of Na⁺-dependent and Na⁺-independent systems.

Toxic effects produced or mediated by human eosinophil granule components on *Trypanosoma cruzi*.

Effects of flavonoids on nonenzymatic lipid peroxidation: structure-activity relationship.

Extracellular lactic acid as an indicator of brain metabolism: continuous on-line measurement in conscious, freely moving rats with intrastriatal dialysis.

Biochemical characterization of different molecular forms of the neural cell adhesion molecule L1.

Neural regulation of duodenal alkali secretion: effects of electrical field stimulation.

Expression of heat shock genes of *Neurospora crassa*: effect of hyperthermia and other stresses on mRNA levels.

Generation of twitch tension in frog atrial fibers by Na/Ca exchange.

Effect of sodium and calcium channel blockade on the increase in spontaneous transmitter release produced by the mitochondrial inhibitor, dinitrophenol.

Characterization of two allelic forms of *Neurospora crassa* laccase. Amino- and carboxyl-terminal processing of a precursor.

Effect of glutamate on extracellular potassium activity in isolated retina of cyprinid fish.

Acute effects of methyl bromide on electroencephalographic activity and sleep-wakefulness in rats. [Cases of severe methyl bromide poisoning residing above a warehouse].

Immunohistochemical evidence for neural mediation of VIP activity in the dogfish rectal gland.

Calcium diffusion through perineurium of frog sciatic nerve.

1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP), its metabolite cyperquat (MPP+) and energy transduction in mitochondria from rat striatum and liver.

Expression of the bovine hypothalamic hormone oxytocin precursor in *Escherichia coli*.

Effects of arachidonic acid on respiratory activities in isolated brain mitochondria.

Lactate release from cultured astrocytes and neurons: a comparison.

[Inhibition of mitochondrial respiration by mepivacaine].

Transcellular ion currents and extension of *Neurospora crassa* hyphae.

Molecular cloning and analysis of P. 69, a vir-controlled protein from *Bordetella pertussis*.

Glutamate-induced K⁺ flux in the photoreceptor layer of isolated retina of cyprinid fish: possible consequences for second-order neurones.

Vulnerability of myelin development of the chick to the herbicide 2,4-Dichlorophenoxyacetic butyl ester.

Paraquat and Parkinson's disease.

Effects of 2,4,5-trichlorophenoxyacetic acid and quinolinic acid on 5-hydroxy-3-indoleacetic acid transport by the rabbit choroid plexus: pharmacology and electron microscopic cytochemistry.

Formulation and food deprivation affects 2,4-D neurobehavioral toxicity in rats.

Ontogeny of swimming behavior and brain catecholamine turnover in rats prenatally exposed to a mixture of 2,4-dichlorophenoxyacetic and 2,4,5-trichlorophenoxyacetic acids.

Pentachlorophenol and the peripheral nervous system: a longitudinal study in exposed workers.

Geography, drinking water chemistry, pesticides and herbicides and the etiology of Parkinson's disease.

Neurotoxic effects of pendimethalin--a weedicide.

[Congenital malformations in Sweden].

Neuromuscular effects of acute 2,4-dichlorophenoxyacetic acid (2,4-D) exposure in dogs.

[Morphologic lesions in paraquat poisoning].

Specific removal of paraquat by hemoperfusion through antiparaquat conjugated agarose-polyacrolein microsphere beads.

Paraquat poisoning: clinical features and immediate general management.

Cyanamide given ICV or systemically to the rat alters subsequent alcohol drinking.

Paraquat-induced, dose-dependent conditioned taste aversions and weight loss mediated by the area postrema.

Alterations in brain aldehyde dehydrogenase activity modify ethanol-induced conditioned taste aversion.

Determination of naptalam and its metabolite in foods, as 1-naphthylamine, using liquid chromatography with oxidative electrochemical detection.

Regulation of hepatic sulfotransferase catalyzing the activation of N-hydroxyarylamide and N-hydroxyarylamine by growth hormone.

Model study on the bioreduction of paraquat, MPP+, and analogs. Evidence against a "redox cycling" mechanism in MPTP neurotoxicity.

Hyperoxia increases H₂O₂ production by brain in vivo.

Unusual patterns of somatic embryogenesis in the domesticated carrot: developmental effects of exogenous auxins and auxin transport inhibitors.

Thyrotropin-releasing hormone (TRH): immunohistochemical distribution in tadpole and frog brain.

Alterations in brain aldehyde dehydrogenase activity modify the locomotor effects produced by ethanol in rats.

The role of acetaldehyde-metabolizing enzymes in the mediation of ethanol consumption: an investigation using a simulated drinking bout.

Evidence that herbicides relaxing smooth and oblique-striated muscles affect the muscle cell membrane.

Nucleic acid content and residue determination in tissues of chicks born from 2,4-dichlorophenoxyacetic butyl ester treated eggs.

Dietary iron and broiler performance.

Collagen type III deficiency in patients with rupture of intracranial saccular aneurysms.

Uptake of propranolol by microvessels isolated from bovine brain.

An attempt at objectivity of post mortem diagnostic of brain oedema.

Tumor accumulation of D-selenomethionine-⁷⁵Se in tumor-bearing mice.

Prealbumin variants in the amyloid fibrils of Swedish familial amyloidotic polyneuropathy.

The impairment of retention induced by pentylene-tetrazol in mice may be mediated by a release of opioid peptides in the brain.

Quantitative detection of a variant prealbumin associated with type 1 familial amyloidotic polyneuropathy (Japanese type) by high performance liquid chromatography.

Effects of hypoxia, 2,4-dinitrophenol and ouabain on twitch potentiation elicited following conditioning pulses in the mouse phrenic nerve-diaphragm preparation.

Different cholinergic pathways are involved in the improvement induced by CCK-8 and by ACTH-(1-24) in massive acute hemorrhage, in rats.

Increased thromboplastic potential in diabetes: a multifactorial phenomenon.

Cellular action of arginine vasopressin in the isolated renal tubules of hypothyroid rats.

The relationship between uncoupling of oxidative phosphorylation and neuronal necrosis within the CNS in rats dosed with trihalogenated imidazoles.

Reproductive tract lesions resulting from subchronic administration (63 days) of tri-o-cresyl phosphate in male rats.

Magnesium-dependent attachment and neurite outgrowth by PC12 cells on collagen and laminin substrata.

Subcellular localization of the 84,000 dalton heat-shock protein in mouse neuroblastoma cells: evidence for a cytoplasmic and nuclear location.

Iron deficiency anemia and iron therapy effects on infant developmental test performance.

Phorbol ester-induced inhibition of cyclic GMP formation mediated by muscarinic receptors in murine neuroblastoma cells.

Fengabine, a novel antidepressant GABAergic agent. I. Activity in models for antidepressant drugs and psychopharmacological profile.

Immunochemical characterization of fibrinogen, fibrin I, and fibrin II in human thrombi and atherosclerotic lesions.

Catalase in cultured skin fibroblasts from patients with the cerebro-hepato-renal (Zellweger) syndrome: normal maturation in peroxisome-deficient cells.

Stress-induced thermotolerance of the cytoskeleton of mouse neuroblastoma N2A cells and rat Reuber H35 hepatoma cells.

Central nervous system intoxications other than lead.

Clinical reports on plasma exchange in the Kidney Center, Tokai University School of Medicine.

Endogenous peroxidase activity in human cutaneous and adenoidal mast cells.

Sendai-viral HN and F glycoproteins as probes of plasma-membrane protein catabolism in HTC cells. Studies with fusogenic reconstituted Sendai-viral envelopes.

Hepatic encephalopathy. Application of visual evoked responses to test hypotheses of its pathogenesis in rats.

Analysis of mechanisms responsible for the bradycardic action of naloxone after haemorrhage in the conscious rabbit.

Health effects of pesticides: a review of epidemiologic research from the perspective of developing nations.

[Changes in brain energy metabolism in experimental cerebral hemorrhage].

The mechanism and overcoming of resistance in ACNU-resistant sublines of C6 and 9L rat glioma.

Carbonic anhydrase III inhibition in normocapnic and hypercapnic contracting mouse soleus.

[Follow-up of patients with chloracne in the Seveso area].

Dystonia and tremor following exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

One-step processing of the amphibian vasotocin precursor: structure of a frog (*Rana esculenta*) "big" neurophysin.

Effects of arsenic on cholinergic parameters in brain in vitro.

An increase in cerebral benzodiazepine receptors induced by a subacute administration of ammonia, mercaptans and short-chain fatty acids in rats.

On the non-existence of a tryptic peptide with biological activity derived from mouse nerve growth factor.

Rods in the terminal cisternae of skeletal muscle.

[Measuring neuraminidase activity by the thiobarbiturate method].

Peroxide alters neuronal excitability in the CA1 region of guinea-pig hippocampus in vitro.

Neural mechanisms mediating the hyperthermia elicited by prostaglandin E2 injected into the preoptic-anterior hypothalamus.

Monochloroacetic acid toxicity in the mouse associated with blood-brain barrier damage.

Intestinal absorption of choline in rats.

[Emotional behavior disorders in rats during the formation of a generator of pathologically enhanced excitation in the basomedial nuclei of the amygdaloid complex].

Methyl bromide alters catecholamine and metabolite concentrations in rat brain.

The molybdate-stabilized nonactivated glucocorticoid receptor contains a dimer of Mr 90,000 non-hormone-binding protein.

Regulation of fructose 2,6-bisphosphate levels in *Neurospora crassa*.

Immunochemical observations of antigen 5, a major venom allergen of hornets, yellowjackets and wasps.

Histopathology of acute toxic responses in selected tissues from rats exposed by inhalation to methyl bromide.

Influences of the early olfactory environment on the survival, behavior and pituitary-adrenal activity of caesarean delivered preterm rat pups.

Hematoxylin and thionin techniques for staining myelin and cells: variations and critical steps.

Complete amino-acid sequence of a functional unit from a molluscan hemocyanin (*Helix pomatia*).

Kinetics of [¹¹C]N,N-dimethylphenylethylamine in mice and humans: potential for measurement of brain MAO-B activity.

Phenylethanolamine N-methyltransferase-containing neurons in the rostral ventrolateral medulla. II. Synaptic relationships with GABAergic terminals.

Phenylethanolamine N-methyltransferase-containing neurons in the rostral ventrolateral medulla of the rat. I. Normal ultrastructure.

Alteration of catecholamine metabolism in rat brain produced by inhalation exposure to methyl bromide.

Sequence analysis of a cDNA clone encoding the liver cell adhesion molecule, L-CAM.

Studies on the effects of the narcotic alkaloids, cocaine, morphine, and codeine on nonenzymatic lipid peroxidation in rat brain mitochondria.

Fengabine, a novel antidepressant GABAergic agent. II. Effect on cerebral noradrenergic, serotonergic and GABAergic transmission in the rat.

Physiological stress induced by sublethal concentrations of phenolic compounds in *Notopterus notopterus*: measurement of hydrolytic enzymes.

Selective manipulation of neurohumoral control of the cardiac pacemaker by drugs given intrapericardially.

Complete amino acid sequence of PO protein in bovine peripheral nerve myelin.

Opioid modulation of thyrotropin releasing hormone induced prolactin secretion.

cDNA cloning and amino acid sequence of bovine brain 2',3'-cyclic-nucleotide 3'-phosphodiesterase.

Derivation of CO₂ output from oscillations in arterial pH.

Spontaneous quantal and subquantal transmitter release at the Torpedo nerve-electroplaque junction.

Bioactivation of MPTP: reactive metabolites and possible biochemical sequelae.

Heat Shock May Relieve a Posttranscriptional Block on β Crystallin Synthesis in Cultures of Chick Embryo Neuroretinal Cells: (neural retina/transdifferentiation/posttranscriptional control/ β crystallin/heat shock).

Haemophilus influenzae type b polysaccharide-protein conjugate vaccine.

Regulation of amino acid influx and efflux at the basolateral plasma membrane of the salivary gland epithelium: effects of parasympathetic nerve stimulation.

Interactions of mitochondrial inhibitors with methylmercury on spontaneous quantal release of acetylcholine.

Mechanisms of azide induced increases in the c-wave and standing potential of the intact cat eye.

Distribution of myosin and relationship to actin organization in cortical and subcortical areas of antibody-labelled, quick-frozen, deep-etched fibroblast cytoskeletons.

Central nervous system toxicity of some common environmental residues in the mouse.

Synthesis of the trypsin fragment 10-25/75-88 of mouse nerve growth factor. I. The protected tetradecapeptide 75-88.

The supply of metabolic substrate from glia to photoreceptors in the retina of the honeybee drone.

Inositol 1,4,5-trisphosphate induced mobilization of Ca^{2+} from rat brain synaptosomes.

Immobilization of pig muscle enolase. Studies on the activity of subunits.

Uptake of L-threo-dihydroxyphenylserine into human brain synaptosomes.

The effect of a metabolic inhibitor upon the properties of the cerebral vasculature during a whole-head saline perfusion of the rat.

Relationship of basic research in toxicology to environmental standard setting: the case of polybrominated biphenyls in Michigan.

[Action of a dental anesthetic on cell respiration].

ACTH regulation of cholesterol movement in isolated adrenal cells.

Antigenicity of Japanese encephalitis virus envelope glycoprotein V3 (E) and its cyanogen bromide cleaved fragments examined by monoclonal antibodies and Western blotting.

Molecular cloning and primary structure of myelin-associated glycoprotein.

Reduced paraquat does not exhibit MPTP-like neurotoxicity.

Oxygenation during ventilation by high-frequency oscillation in dogs with acute lung injury.

Changes in fatty acid composition in myelin lipids after 2,4-dichlorophenoxyacetic butyl ester treatment.

Acute, 14-day repeated dosing, and 90-day subchronic toxicity studies of potassium picloram.

The embryolethality and teratogenicity of acrolein in cultured rat embryos.

Toxicity of 2-methyl-4-chlorophenoxyacetic acid to the adult crested newt.

The pharmacology of the parkinsonian syndrome producing neurotoxin MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) and structurally related compounds.

Paraquat and two endogenous analogues of the neurotoxic substance N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine do not damage dopaminergic nigrostriatal neurons in the mouse.

Behavioral and developmental effects in rats following in utero exposure to 2,4-D/2,4,5-t mixture.

[Neurologic manifestations in 93 patients with exogenous poisoning caused by non-therapeutic chemical substances].

Effects of cerebro-protective agents on enzyme activities of rat primary glial cultures and rat cerebral cortex.

The effect of topically applied n-butylester of 2,4-dichlorophenoxyacetic acid on the immune response in mice.

Comparative toxicity of MPTP, MPP+ and 3,3-dimethyl-MPDP+ to dopaminergic neurons of the rat substantia nigra.

The impact of inhaled acrolein on hypertension-sensitive and resistant rats.

Neurotoxicologic examination of rats dermally exposed to 2,4-D amine for three weeks.

Management of acute childhood poisonings caused by selected insecticides and herbicides.

[A case of consciousness disturbance and polyneuropathy after exposure to paraquat and its nerve biopsy findings].

Chronic progredient diffuse alveolar damage probably related to exposure to herbicides.

Delayed health hazards of pesticide exposure.

The effect of oral exposure to the n-butylester of 2,4-dichlorophenoxyacetic acid on the immune response in mice.

Potential neurotoxicity of NaBH₄ reduced paraquat.

Occupational exposures to chlorophenoxy herbicides.

L-dopa reverses the effects of MPP+ toxicity.

Effects on the fetus of maternal nitrofen exposure in the protein-deprived rat.

Effects of cyanamide on body weight and brain monoamines and metabolites in rats.

The influence of skeletal muscle reinnervation on experimentally induced myotonia.

Lack of neuropathologic consequences of repeated dermal exposure to 2,4-dichlorophenoxyacetic acid in rats.

Effects of thyroid status on brain catecholamine biosynthesis in adult rats: assessment by a steady-state method.

Differential inhibition of rat tissue catalase by cyanamide.

[Pentachlorophenol concentrations in the organs and blood of 11 dead infants].

Energy-dependent uptake of N-methyl-4-phenylpyridinium, the neurotoxic metabolite of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine, by mitochondria.

An examination of the oxidation of mercury vapor by rat brain homogenate.

Combined light and electron microscope immunocytochemical localization of scattered peptidergic neurons in the central nervous system.

5-Hydroxyindoleacetic acid and 5-hydroxytryptophol levels in rat brain: effects of ethanol, pyrazole, cyanamide and disulfiram treatment.

Induction of experimental allergic neuritis in the BN rat: P2 protein-specific T cells overcome resistance to actively induced disease.

The potential role of redox cycling as a mechanism for chemical teratogenesis.

Poisoning by chemical non-medicinal products in Brazil: clinical and laboratory findings in 132 patients.

Neurobehavioral evaluation of soil and structural fumigators using methyl bromide and sulfurlyl fluoride.

Teratologic evaluation of hexabrominated naphthalenes in C57BL/6N mice.

Characterization of a transthyretin (prealbumin) variant associated with familial amyloidotic polyneuropathy type II (Indiana/Swiss).

[Studies on the mechanism of ACNU resistance in sublines of rat C6 glioma and 9L gliosarcoma in vitro].

Seizures and action myoclonus after occupational exposure to methyl bromide.

Effects of oxygen and glucose deprivation on vasoactivity in isolated bovine middle cerebral arteries.

Fatal methyl bromide poisoning.

Mechanism of phagocytosis by Schwann cells.

Maternal care by rhesus monkeys of infant monkeys exposed to either lead or 2,3,7,8-tetrachlorodibenzo-P-dioxin.

An evaluation of figure-eight maze activity and general behavioral development following prenatal exposure to forty chemicals: effects of cytosine arabinoside, dinocap, nitrofen, and vitamin A.

Mechanism of phagocytosis of mycobacteria by Schwann cells and their comparison with macrophages.

A monoclonal antibody preventing binding of tissue-type plasminogen activator to fibrin: useful to monitor fibrinogen breakdown during t-PA infusion.

Health effects of long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Iron deficiency and behavioral development in infants and preschool children.

The diagnosis of dioxin-associated illness.

1-Methyl-4-phenylpyridine (MPP+) induces oxidative stress in the rodent.

Electrophysiological correlates of peroxide damage in guinea pig hippocampus in vitro.

A pilot epidemiologic study of possible health effects associated with 2,3,7,8-tetrachlorodibenzo-p-dioxin contaminations in Missouri.

Toxic myoclonus.

Postmortem studies on posthypoxic and post-methyl bromide intoxication: case reports.

Lung neoplasms in rodents after chronic administration of dimethyl hydrogen phosphite.

Acute effect of methyl bromide on sleep-wakefulness and its circadian rhythms in rats.

[Alkyldinitrophenol poisoning].

Subacute inhalation experiment for methyl bromide in rats.

Synergistic neurotoxicity of carbon tetrachloride/carbon disulfide (80/20 fumigants) and other pesticides in grain storage workers.

Drug-induced myoclonus.

Cell number and size in selected organs of fetuses of rats malnourished and exposed to nitrofen.

Transport of thiamin across the blood-brain barrier of the rat in the absence of aerobic metabolism.

Transport of cimetidine by the rat choroid plexus in vitro.

Nifedipine attenuates both alpha-1 and alpha-2 adrenoceptor-mediated pressor and vasoconstrictor responses in conscious dogs and primates.

Chemical and biological characterization of low-molecular-weight human skeletal growth factor.

The effects of pyridinium salts, structurally related compounds of 1-methyl-4-phenylpyridinium ion (MPP+), on tyrosine hydroxylation in rat striatal tissue slices.

A fraction enriched in dendrodendritic synaptosomes isolated from rat olfactory bulb: morphology and transmitter release.

Contraluminal transport of small aliphatic carboxylates in the proximal tubule of the rat kidney in situ.

A novel microtubule-associated protein from mammalian nerve shows ATP-sensitive binding to microtubules.

Structural evidence that endothelial cell growth factor beta is the precursor of both endothelial cell growth factor alpha and acidic fibroblast growth factor.

High affinity binding sites for 1-methyl-4-phenyl-pyridinium ion (MPP+) are present in mouse brain.

Characterization of the molecular forms of proenkephalin in bovine adrenal medulla and rat adrenal, brain, and spinal cord with a site-directed antiserum.

[Methyl bromide poisoning. I. Various historic, legal, clinical and neuropsychiatric aspects].

Covalent coupling of neuralizing factors from *Xenopus* to Sepharose beads: no decrease of inducing activity.

Pantothenic acid transport through the blood-brain barrier.

GABA-related activities of amino phosphonic acids on guinea-pig ileum longitudinal muscle.

Characteristics of the large neutral amino acid transport system of bovine brain microvessel endothelial cell monolayers.

Disulfide bond formation between nerve growth factor and the nerve growth factor receptor from embryonic sensory neurons.

The complete amino acid sequence of human brain-derived acidic fibroblast growth factor.

Continuous measurement of net potassium movements in rat brain cortex suspensions. Effects of glutamate, veratridine, creatine and other substances.

The properties of arginine transport in vacuolar membrane vesicles of *Neurospora crassa*.

VIP terminals, axons, and neurons: distribution throughout the length of monkey and cat spinal cord.

Uptake and release of kyotorphin in rat brain synaptosomes.

Properties of cAMP-induced transmembrane current in mollusc neurons.

Hepatocellular uptake of oleate is energy dependent, sodium linked, and inhibited by an antibody to a hepatocyte plasma membrane fatty acid binding protein.

Oxidation of *Neurospora crassa* glutamine synthetase.

Immobilization of pig liver microsomes. Stability of cytochrome P-450-dependent monooxygenase activities.

Autoradiographic detection of [¹²⁵I]-secondary antiserum: a sensitive light and electron microscopic labeling method compatible with peroxidase immunocytochemistry for dual localization of neuronal antigens.

Neurotensin in the rat parabrachial region: ultrastructural localization and extrinsic sources of immunoreactivity.

Transport of N-acetyl-S-pentachloro-1,3-butadienylcysteine by rat renal cortex.

[Complete amino acid sequence of neurotoxin Os-1 from the venom of the Central Asian black scorpion *Orthochirus scrobiculosus*].

Effect of iron concentration on toxin production in *Campylobacter jejuni* and *Campylobacter coli*.

Purification and characterization of minor brain proteolipids: use of fast atom bombardment-mass spectrometry for peptide sequencing.

Effects of 1,1,1-trichloroethane on the cGMP metabolism in mouse brain.

Inhibition of ACTH action on cultured bovine adrenal cortical cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin through a redistribution of cholesterol.

Further characterization of [3H]gamma-aminobutyric acid release from isolated neuronal growth cones: role of intracellular Ca²⁺ stores.

Applications of chemical cleavage procedures to the peptide mapping of neurofilament triplet protein bands in sodium dodecyl sulfate-polyacrylamide gel electrophoresis.

The in situ perfused spinal cord of the rat. Applicability of drugs and chemicals, sodium-lithium exchange, and calcium reduction to functional intact central nervous system tissue.

Regulation of rat and bovine adrenal metabolism of polycyclic aromatic hydrocarbons by adrenocorticotropin and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Amino acid sequence of bovine brain derived class 1 heparin-binding growth factor.

Fixation, fine structure, and immunostaining for neuropeptides: perfusion versus immersion of the neuroendocrine hypothalamus.

Uncoupling effects of 2,4-dinitrophenol on electron transfer reactions and cell bioenergetics in rat brain in situ.

DARPP-32, a dopamine- and cyclic AMP-regulated neuronal phosphoprotein. Primary structure and homology with protein phosphatase inhibitor-1.

Screening of pig intestines for K88 non-adhesive phenotype by enzyme immunoassay.

Homology and diversity between intermediate filament proteins of neuronal and nonneuronal origin in goldfish optic nerve.

Identification of a thrombin sequence with growth factor activity on macrophages.

Fatty acid acylation of rat brain myelin proteolipid protein in vitro: identification of the lipid donor.

Structural characterization of adrenal chromogranin A and parathyroid secretory protein-I as homologs.

Studies on the metabolism of the neurotoxic tri-o-cresyl phosphate. Distribution, excretion, and metabolism in male cats after a single, dermal application.

Studies on the metabolism of the neurotoxic tri-o-cresyl phosphate. Synthesis and identification by infrared, proton nuclear magnetic resonance and mass spectrometry of five of its metabolites.

The relationship between lipofuscin and neuromelanin in some sites of the nervous system of the horse.

Demonstration of sensory cutaneous nerve fibers in guinea-pig lip using endogenous oxidase histochemistry.

Ultrastructural localization of phenylethanolamine N-methyltransferase in sensory and motor nuclei of the vagus nerve.

Effects of estradiol and progesterone on immunoreactive forms of hypothalamic luteinizing hormone-releasing hormone.

The preparation of ¹¹C-labelled fluoromethane for the study of regional cerebral blood flow using positron emission tomography.

Cause and prevention of mafosfamide-induced venous pain.

Biochemical and immunological studies of bovine and porcine neurofilament triplet proteins by peptide mapping after cyanogen bromide cleavage.

The synthesis of the neuropeptide Met-enkephalin and two metabolic fragments labelled with ¹¹C in the methionine methyl group.

Cell-to-cell adhesion of dissociated embryonic brain cells; the effects of metabolic inhibitors and temperature.

Respiratory adjustments of the unanaesthetized chicken, *Gallus domesticus*, to elevated metabolism elicited by 2,4-dinitrophenol or cold exposure.

Antigen-specific adherence of antibody-producing hybridoma cells: application to neural and nonneural antigens.

Effects of 2,4-dichlorophenoxyacetic acid (2,4-D) on the contractile properties of reinnervated rat skeletal muscle.

Assessment of pentachlorophenol toxicity in newborn calves: clinicopathology and tissue residues.

Developing rat brain monoamine levels following in utero exposure to a mixture of 2,4-dichlorophenoxyacetic and 2,4,5-trichlorophenoxyacetic acids.

Effects of environmental toxicants on development of a teleost embryo.

Comparative behavioral, biochemical and pigmentary effects of MPTP, MPP⁺ and paraquat in *Rana pipiens*.

Chick brain hypomyelination produced by 2,4-dichlorophenoxyacetic butyl ester treatment.

Congenital glaucoma and retinal dysplasia.

2,4-Dichlorophenoxyacetic acid (2,4-D) does not cause polyneuropathy in the rat.

[Pentachlorophenol: current knowledge].

Pentachlorophenol intoxication: report of a fatal case, with comments on the clinical course and pathologic anatomy.

Sequential bilateral lung transplantation for paraquat poisoning. A case report. The Toronto Lung Transplant group.

The postnatal effects of prenatal exposure to low doses of nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether) in Sprague-Dawley rats.

[Comparative gonadotoxic effect of maloran in laboratory animals after its administration by different routes].

Do Vietnam veterans suffer from toxic neurasthenia?

Neurotoxicity of diallate and triallate when administered orally or topically to hens.

An agent orange: case history.

[Morphology of a paraquat poisoning].

Evaluation of chromosomal damage in males exposed to agent orange and their families.

Occupational exposures associated with male reproductive dysfunction.

Effects of thyroid hormone on Na-K-adenosine triphosphatase activity along the rat nephron.

Overshoot of oxygen pressure in post-hypoxic brain tissue: a re-evaluation.

Disulfiram-induced hepatitis. Report of two cases and review of the literature.

A multi-dimensional examination of the positive reinforcing properties of acetaldehyde.

Blockade of ethanol induced conditioned taste aversion by 3-amino-1,2,4-triazole: evidence for catalase mediated synthesis of acetaldehyde in rat brain.

[Effect of a single injection of cyanamide on the pool of free amino acids in the rat brain].

Metabolic activation of 2-methylfuran by rat microsomal systems.

2,4-Dichlorophenoxyacetic acid (2,4-D) reduces acetylcholinesterase activity in rat muscle.

Electrophysiological observations on diaphragm muscle from normal and dystrophic hamsters.

Commentary on 2,3,7,8-tetrachlorodibenzo-para-dioxin (TCDD).

Influence of vagal activity on the neonatal ventilatory response to hypoxemia.

Characterization of human brain S100 protein fraction: amino acid sequence of S100 beta.

Circulatory responses to 2,4-dinitrophenol in dog limb during normoxia and hypoxia.

Chemical structure of carbamoylating groups and their relationship to bone marrow toxicity and antiglioma activity of bifunctionally alkylating and carbamoylating nitrosoureas.

Myosin heavy chain in avian muscular dystrophy corresponds to the neonatal isozyme.

Effects of toxic chemicals on the respiratory activity of cultured mouse neuroblastoma cells.

[Rare cause of myoclonus with giant SEP's: methyl bromide poisoning. Apropos of a case with unilateral predominance].

Experimentally induced defects of mitochondrial metabolism in rat skeletal muscle. Biological effects of the mitochondrial uncoupling agent 2,4-dinitrophenol.

Structure of myosin heavy chain in avian muscular dystrophy.

Methyl bromide optic atrophy.

Ascorbic acid-Fe²⁺ treatment mimics effect of vitamin E deficiency on sarcoplasmic Ca-ATPase of rabbit muscle.

Chloracne, "the hallmark of dioxin intoxication".

Cyclic GMP levels in interferon treated cells.

Characterization of fibrinogen New York 1. A dysfunctional fibrinogen with a deletion of B beta(9-72) corresponding exactly to exon 2 of the gene.

[Pseudotumor cerebri associated with iron-deficiency anemia].

[Effect of neuroleptic, adreno- and cholinolytic agents on cerebral cortical function in edema].

[Determination of free serum phenol by gas-liquid chromatography in hemosorption].

Further studies on the activation of glucocerebrosidase by a heat-stable factor from Gaucher spleen.

Lithium ions inhibit function of low- but not high-affinity muscarinic receptors of murine neuroblastoma cells (clone N1E-115).

Identification of carriers of a variant plasma prealbumin (transthyretin) associated with familial amyloidotic polyneuropathy type I.

Purification of gamma-glutamyltransferases by immunoaffinity chromatography and some properties of the enzymes.

Sympathetic neurons grown in culture generate ATP by glycolysis: correlation between ATP content and [3H]norepinephrine uptake and storage.

Sequence of the N-terminal formic acid fragment and location of the N-ethylmaleimide-binding site of the phosphate transport protein from beef heart mitochondria.

Carbon-11 choline: synthesis, purification, and brain uptake inhibition by 2-dimethylaminoethanol.

Effects of idebenone (CV-2619) and its metabolites on respiratory activity and lipid peroxidation in brain mitochondria from rats and dogs.

Inhibition of prostaglandin generation in the rabbit brain in-vivo by AD-1590, a non-steroidal anti-inflammatory agent with potent antipyretic activity.

Neurotoxicity and metabolism of methyl bromide in rats.

Mechanism of tachycardia caused by intracarotid PGE₂ in conscious ewes.

Transport of 2-deoxy-D-glucose by dissociated brain cells.

Central thyrotropin-releasing hormone elicits systemic hypoglycemia in mice.

Sympathetic neurons extend neurites in a culture medium containing cyanide and dinitrophenol but not iodoacetate.

The interaction of human platelet thrombospondin with fibrinogen. Thrombospondin purification and specificity of interaction.

Synthesis and processing of mitochondrial steroid hydroxylases. In vivo maturation of the precursor forms of cytochrome P-450_{sc}, cytochrome P-450(11) β , and adrenodoxin.

Isolation and characterization of a neurophysin from ostrich neurohypophyses.

Purification and characterization of a neurite extension factor from bovine brain.

Concanavalin A stimulates neuron-substratum adhesion and nerve fiber outgrowth in culture.

Multiple forms of endothelial cell growth factor. Rapid isolation and biological and chemical characterization.

Immobilization of chicken liver fructose 1,6-bisphosphatase on CNBr-activated Sepharose.

Effect of seminal plasma antioxidant on lipid peroxidation in spermatozoa, mitochondria and microsomes.

Uptake of glucose analogues into cultured cerebral microvessel endothelium.

¹¹C-labeled 4-isopropylantipyrine: preparation and biological evaluation as a blood flow tracer in positron emission tomography (PET).

Genes for neurotransmitter synthesis, storage, and uptake.

Hormonal regulation of benzo[a]pyrene metabolism in human adrenocortical cell cultures.

Structural characterization of the calcium binding protein s100 from adipose tissue.

Effects of guanethidine on electron transport and proton movements in rat heart, brain and liver mitochondria.

Immunocytochemical detection of acetylcholine in the rat central nervous system.

Blue Light-Reducible Cytochromes in Membrane Fractions from *Neurospora crassa*.

Amino-acid sequence of human and bovine brain myelin proteolipid protein (lipophilin) is completely conserved.

Anti-acetylcholine antibodies and first immunocytochemical application in insect brain.

Fasciola hepatica: motility response to metabolic inhibitors in vitro.

Pili of *Neisseria meningitidis*. Analysis of structure and investigation of structural and antigenic relationships to gonococcal pili.

The primary structure of bovine cellular retinoic acid-binding protein.

Maintenance of the integrity of the blood-brain barrier in the rat during an in situ saline-based perfusion.

Renal transport of gossypol in the rabbit.

Iron poisoning--a preventable hazard of childhood.

Characterization of long-lasting histaminergic inhibition in a beating pacemaker neuron of *Onchidium*.

Standardization of house dust mite extracts. Liberation of allergenic and antigenic components in relation to extraction conditions.

Characteristics of the nerve growth factor receptors and a nerve growth factor receptor--nerve growth factor covalent complex.

Double-bond location in monounsaturated fatty acids by dimethyl disulfide derivatization and mass spectrometry: Application to analysis of fatty acids in pheromone glands of four lepidoptera.

[Changes in the permeability of nerve fiber membranes during the initiation of lipid peroxidation].

Atriopeptin-immunoreactive neurons in the brain: presence in cardiovascular regulatory areas.

Primary structure of peptides from bovine brain glutamine synthetase. Comparison with sequences of glutamine synthetases from other organisms.

The amino acid sequence of pancreatic spasmodic polypeptide.

Heme-copper relationship of cytochrome oxidase in rat brain in situ.

Binding and function of mitochondrial glycerol kinase in comparison with those of mitochondrial hexokinase.

Use of mitochondrial inhibitors to differentiate kinetic properties of the ATP-dependent Ca^{2+} uptake system in synaptic membranes.

Effects of oxygen radicals on cerebral arterioles.

Stress Protein and Crystallin Synthesis During Heat Shock and Transdifferentiation of Embryonic Chick Neural Retina Cells: (chicken/retina/transdifferentiation/heat shock).

[The neurotoxicity and mutagenicity of phenylmercury acetate and nitrate in single and combined applications in animal studies].

Determination of acute toxic effects in mice following exposure to methyl bromide.

Ammonia, octanoate and a mercaptan depress regeneration of normal rat liver after partial hepatectomy.

GABA-modulin: a synaptosomal basic protein that differs from small myelin basic protein of rat brain.

Comparative studies of the neurofilament triplet protein peptide mapping by chemical cleavage.

Metabolic fate and cardiovascular effects of arsenic in rats and rabbits chronically exposed to trivalent and pentavalent arsenic.

On the brain endocoid for benzodiazepine recognition sites.

Circadian rhythms in *Neurospora crassa*: the effects of point mutations on the proteolipid portion of the mitochondrial ATP synthetase.

Cyclophosphamide teratogenesis: a review.

Domain structure of neurofilament subunits as revealed by monoclonal antibodies.

Axoplasmic transport of substances in motoneuronal axons of the spinal cord in old age.

Pharmacologic treatment of chronic alcoholism.

Marijuana. Health and treatment issues.

Acute toxicity of chromate, DDT, PCP, TPBS, and zinc to *Daphnia magna* cultured in hard and soft water.

Effect of dimethylthiourea on paraquat toxicity in rats.

Human health effects of 2,4,5-T and its toxic contaminants.

The role of drugs in the treatment of alcoholism.

[Hygienic regulation of the defoliant drop in the water].

Acute diquat intoxication. Interest of its repeated determination in urine and the evaluation of renal proximal tubule integrity.

[Experimental study of the teratogenicity and embryotoxicity of endodan].

Prolonged coma and delayed peripheral neuropathy after ingestion of phenoxyacetic acid weedkillers.

Health status of workers with past exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in the manufacture of 2,4,5-trichlorophenoxyacetic acid: comparison of findings with and without chloracne.

Penetration of some compounds through blood-brain and blood-testis barriers in chronically hypertensive rats.

Organ and cellular distribution of inhaled metallic mercury in the rat and Marmoset monkey (*Callithrix jacchus*): influence of ethyl alcohol pretreatment.

Glutaraldehyde fixatives for preserving the chick's inner ear.

Disposition of some sulphur-containing hexachlorobenzene (HCB) metabolites: affinity of methylsulphonylpentachlorobenzene for the gray matter of brain, the lungs and the adrenal zona reticularis.

Specific regulatory interconnection between the leucine and histidine pathways of *Neurospora crassa*.

Perfused canine brain: metabolism and blood-brain transport during altered metabolic states.

Delayed neurotoxicity produced by an organophosphorus compound (Sumithion). A case report.

Exposure to hydrogen sulfide, mercaptans and sulfur dioxide in pulp industry.

Central versus peripheral sites of antipyretic action of a non-steroidal anti-inflammatory agent, AD-1590, in rabbits.

Prevention of TCDD toxicity in laboratory rodents by addition of charcoal or cholic acids to chow.

An evaluation of reports of dioxin exposure and soft tissue sarcoma pathology among chemical workers in the United States.

Effects of drugs and chemicals on the fetus and newborn (1).

Distribution of different collagen types and fibronectin in neurofibromatosis tumours.

The pharmacological profile of the thromboxane A₂ antagonist BM 13.177. A new anti-platelet and anti-thrombotic drug.

Type of collagen in chordoma.

Radioimmunoassay for detecting abnormal prealbumin in the serum for diagnosis of familial amyloidotic polyneuropathy (Japanese type).

Amyloid fibril protein in familial amyloidotic polyneuropathy, Portuguese type. Definition of molecular abnormality in transthyretin (prealbumin).

Analysis of collagen from normal and abnormal human bone.

Modification of sialic acid carboxyl group of ganglioside.

Monoclonal antibody to murine gamma interferon inhibits lymphokine-induced antiviral and macrophage tumoricidal activities.

Naloxone improves, and morphine exacerbates, experimental shock induced by release of endogenous histamine by compound 48/80.

Characterization of the wasting syndrome in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

DMSA, DMPS, and DMPA--as arsenic antidotes.

Hyperthermia, Na⁺K⁺ATPase and lactic acid production in some human tumour cells.

A novel electrophoretic variant of human apolipoprotein E. Identification and characterization of apolipoprotein E1.

Analysis of fatty acids of the genus *Rochalimaea* by electron capture gas chromatography: detection of nonanoic acid.

Opiate antagonists reverse the hypoactivity associated with systemic anaphylaxis in mice.

Visual evoked potentials in a rabbit model of hepatic encephalopathy. II. Comparison of hyperammonemic encephalopathy, postictal coma, and coma induced by synergistic neurotoxins.

Characteristics of adenine nucleotide fluxes and transport in human tumor mitochondria.

Acute iron poisoning in children.

Experimental study on embryogenesis of congenital diaphragmatic hernia.

The effects of sucrose loading on lysosomal hydrolases.

Calcium is a competitive inhibitor of gentamicin-renal membrane binding interactions and dietary calcium supplementation protects against gentamicin nephrotoxicity.

Neurobehavioral assessment of chronic low-level methyl bromide exposure in the rabbit.

On the application of cultured neuroblastoma cells in chemical toxicity screening.

Occupational influences on male fertility and sexuality. I.

Family studies of the genetic abnormality in transthyretin (prealbumin) in Portuguese patients with familial amyloidotic polyneuropathy.

Release of adenosine, inosine and hypoxanthine from rabbit non-myelinated nerve fibres at rest and during activity.

Effects of Respiratory Inhibitors on Respiration, ATP Contents, and the Circadian Conidiation Rhythm of *Neurospora crassa*.

Hybrid character of a large neurofilament protein (NF-M): intermediate filament type sequence followed by a long and acidic carboxy-terminal extension.

Mapping of three carbohydrate attachment sites in embryonic and adult forms of the neural cell adhesion molecule.

Immunogenicity of tick-borne encephalitis virus glycoprotein fragments: epitope-specific analysis of the antibody response.

Studies on the bovine brain pyruvate dehydrogenase complex using the antibodies against kidney enzyme complex.

Specificity of human IgM M-proteins that bind to myelin-associated glycoprotein: peptide mapping, deglycosylation, and competitive binding studies.

A brain octadecaneuropeptide generated by tryptic digestion of DBI (diazepam binding inhibitor) functions as a proconflict ligand of benzodiazepine recognition sites.

Oxalate accumulation in rat renal cortical slices.

Peripheral and central actions of sodium azide on circulatory and respiratory homeostasis in anesthetized cats.

Multiple phosphorylation of rat-liver glycogen synthase by protein kinases.

N-(2,3-dimercaptopropyl)phthalamidic acid: protection, in vivo and in vitro, against arsenic intoxication.

Development of markers for cholinergic neurones in re-aggregate cultures of foetal rat whole brain in serum-containing and serum-free media: effects of triiodothyronine (T3).

Uptake and metabolism of thyroid hormones by the rat foetus in early pregnancy.

Selective retrograde axonal transport of free glycine in identified neurons of Aplysia.

Structure and molecular arrangement of proteolipid protein of central nervous system myelin.

A new procedure to analyze free fatty acids. Application to 20-mg brain tissue samples.

Effects of increasing metabolism by 2,4-dinitrophenol on respiration and pulmonary gas exchange in the duck.

[Ionophore properties of peptide fragments of brain Na⁺,K⁺-Atpase].

Generation of an unusual depolarizing response in rabbit primary afferent neurones in the absence of divalent cations.

Isolation, purification and partial sequence of a neuropeptide (diazepam-binding inhibitor) precursor of an anxiogenic putative ligand for benzodiazepine recognition site.

Further characterization of tumor-promoter-mediated activation of protein kinase C.

Effect of transition metal ions on lipid peroxidation of rabbit renal cortical mitochondria.

Steady-state discharge and bursting of arterial chemoreceptors in the duck.

Determination of thiamine and thiamine phosphates in excitable tissues as thiochrome derivatives by reversed-phase high-performance liquid chromatography on octadecyl silica.

The alpha-subunit of mouse 7 S nerve growth factor is an inactive serine protease.

Role of metabolic CO₂ production in the generation of elevated renal cortical PCO₂.

Effect of ammonia on amino acid uptake by brain microvessels.

The structure of the hemocyanin from the horseshoe crab, *Limulus polyphemus*. The amino acid sequence of the largest cyanogen bromide fragment.

Dual action of cycloheximide on memory formation in day-old chicks.

Optical activity and conformation of beta-bungarotoxin in solution.

Accumulation of thyrotropin releasing hormone by rat hypothalamic slices.

Colorimetric assay for monoamine oxidase in tissues using peroxidase and 2,2'-azinodi(3-ethylbenzthiazoline-6-sulfonic acid) as chromogen.

Sensory irritation structure-activity study of inhaled aldehydes in B6C3F1 and Swiss-Webster mice.

Partial characterization of 21.5K myelin basic protein from sheep brain.

Effects of ATP depletion and protein synthesis inhibition on muscle plasma membrane orthogonal arrays.

[Proton transport during nerve stimulation].

Acceptors for botulinum neurotoxin reside on motor nerve terminals and mediate its internalization.

Different susceptibility of mouse tissues to porphyrinogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Respiration in primary cultured cerebellar granule neurons and cerebral cortical neurons.

Localization of a chemotactic domain in human thrombin.

Differential induction of two 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible forms of cytochrome P-450 in extrahepatic versus hepatic tissues.

Hepato-renal cooperation in biotransformation, membrane transport, and elimination of cysteine S-conjugates of xenobiotics.

Stereo-specificity of diuretic receptors in the nephron: a study of the enantiomers of indacrinone (MK-196) in man.

Covalent attachment of ¹²⁵I-beta nerve growth factor to its receptors on sympathetic neurons.

[Rate of axoplasmic transport in the ventral roots of the spinal cord of the rat in old age and its relation to the level of energy metabolism].

[Properties allowing the attribution to gamma-hydroxybutyrate the quality of neurotransmitter in the central nervous system].

Preparation of immobilized NAD glycohydrolase from *Neurospora crassa* conidia by hydrophobic interaction--characteristics of the enzyme derivative.

Assay and biochemical characterization of angiotensin-I-converting enzyme in cerebrospinal fluid.

Effect of phenolic compounds on in vivo activity of transaminases in certain tissues of the fish, *Notopterus notopterus*.

Low doses of 2,4,5-trichlorophenoxyacetic acid are behaviorally teratogenic to rats.

Subacute toxicity of Basalin in rats.

Potential of ethanol toxicity by cyanamide in relation to acetaldehyde accumulation.

Occupational exposure to the cotton defoliant DEF and merphos. A rational approach to monitoring organophosphorous-induced delayed neurotoxicity.

Hemoperfusion in a child who ingested diquat and died from pontine infarction and hemorrhage.

Diquat intoxication.

Effects of phenolic compounds on 5-nucleotidase activity in some tissues of *Notopterus notopterus* (Pallas): a biochemical study.

Neurobehavioral assessment of 2,4-dichlorophenoxyacetic acid (2,4-D) in rats.

Toxicologic studies in a fatal overdose of 2,4-D, MCP, and chlorpyrifos.

Paraquat myocarditis and adrenal cortical necrosis.

Post concussion syndrome hypoglycemia and Agent Orange.

Physiological changes in carps induced by pollution.

Lipid peroxidation: a possible mechanism of cephaloridine-induced nephrotoxicity.

[Comparative studies on the embryotoxicity of 2-methyl-4-chlorophenoxyacetic acid, mecoprop and dichlorprop in NMRI mice].

Assessment of the utility of postnatal testing following prenatal exposure to forty chemicals.

Effects of a dermal dose of S,S,S,-tri-n-butyl phosphorotrithioate on brain acetylcholinesterase, acid phosphatase, and 2',3'-cyclic nucleotide-3' phosphohydrolase and plasma butyrylcholinesterase in hens.

Correlates of self-reported and objectively determined exposure to Agent Orange.

Kidney structure in hypothyroidism.

Correlation between brain tissue and cerebrospinal fluid concentrations of selected compounds in rats with intact and injured blood-brain barrier.

Effect of increasing carbon chain length on organic acid transport by the choroid plexus: a potential factor in Reye's syndrome.

Formation of diiodotyrosine from thyroxine. Ether-link cleavage, an alternate pathway of thyroxine metabolism.

Activation of carboxylesterases in root cortical parenchymal cells of *Pisum sativum* during xylem induction in vitro.

Gas-liquid chromatographic determination of salsolinol in the striatum of rat brain during the calcium carbimide--ethanol interaction.

Saturable accumulation of the anionic herbicide, 2,4-dichlorophenoxyacetic acid (2,4-D), by rabbit choroid plexus: early developmental origin and interaction with salicylates.

Effects of intravenous acetaldehyde, acrolein, formaldehyde and propionaldehyde on arterial blood pressure following acute guanethidine treatment.

Whole body and liver distribution of inhaled mercury vapor in the mouse: influence of ethanol and aminotriazole pretreatment.

Relationship between catalase activity and uptake of elemental mercury by rat brain.

The fungicide chloraniformethan and the herbicide dichlofopmethyl affect calmodulin-dependent cyclic nucleotide phosphodiesterase from bovine brain.

Acrolein: a fixative for immunocytochemical localization of peptides in the central nervous system.

Identification of amyloid prealbumin variant in familial amyloidotic polyneuropathy (Japanese type).

Inhibitory effect of triethyltin on taurine transport by glioma cells.

Morphine exacerbates anaphylactic shock in mice by stimulating central opiate receptors.

Hidden receptors for nerve growth factor in PC12 cells.

[Brain death in secondary brain lesion].

Role of endorphins in endotoxin-induced hyperglycaemia in mice.

Chronic boric acid poisoning in infants.

Correlation between cell substrate attachment in vitro and cell surface heparan sulfate affinity for fibronectin and collagen.

Characterisation of collagen from normal and scoliotic human spinal ligament.

Encephalopathic effect of phenol in rats.

The release of surfactant in rat lung by brief periods of hyperventilation.

Experimental allergic neuritis. Humoral and cellular immune responses to the cyanogen bromide peptides of the P2 protein.

Characterization of the association of tritiated enkephalin with neuroblastoma cells under conditions optimal for receptor down regulation.

Effect of vagal cooling on lung functional residual capacity in rats with pneumonia.

Anencephaly: agent orange implications?

[Synthesis and the effect of new perhydro-1,4,7-oxadiazonine derivatives on the central nervous system].

Levallorphan methyl iodide (SR 58002), a potent narcotic antagonist with peripheral selectivity superior to that of other quaternary compounds.

The use of a peroxidase electrode to measure the effects of nitro compounds on intact cells.

Impairment of blastogenic response of splenic lymphocytes from iron-deficient mice: in vivo repletion.

Oxygen radicals and vascular damage.

[Heart function and the mechanisms of its regulation in modelling adaptation to hypoxia by 2,4-dinitrophenol administration].

Presence of an abnormal transthyretin (prealbumin) in Portuguese patients with familial amyloidotic polyneuropathy.

Characterization and localization of collagens synthesized by cultured muscle cells stimulated with collagen-inducing factor from embryonic brain extracts.

Mechanical effects of right atrial pressure on heart rate in the conscious rabbit.

In vitro ¹⁴C-leucine incorporation into nonsynaptic and synaptic rat brain mitochondria isolated by Ficoll gradients.

High-performance liquid chromatographic analysis on radial compression column of the neurotoxic tri-*o*-cresyl phosphate and metabolites.

Physicochemical and immunological characterization of meningococcal group A polysaccharide-tetanus toxoid conjugates prepared by two methods.

Mitochondrial respiration inhibitors and human sperm motility: implication in the development of spermicides.

Isolation, characterization, and synthesis of alpha-fetoprotein from neonatal rat brain.

Regulation of cyclic GMP levels in nerve tissue.

Interaction of the opiate antagonist, naltrexone methyl bromide, with the acetylcholine receptor system of the motor end-plate.

Isolation and characterization of the porcine hypothalamic growth hormone releasing factor.

The primary structure of bovine brain myelin lipophilin (proteolipid apoprotein).

Membrane biogenesis in the sprouting neuron. I. Selective transfer of newly synthesized phospholipid into the growing neurite.

Ca²⁺, calmodulin-dependent phosphorylation of glycogen synthase by a brain protein kinase.

Transport of citrinin by rat renal cortex.

Transport of methotrexate in cortical slices of monkey kidney: effect of organic anions and vincristine.

Artifacts in the definition of toxicity by cyanides and cyanogens.

Capping of cholera toxin-ganglioside GM1 complexes on mouse lymphocytes is accompanied by co-capping of alpha-actinin.

The acute toxicity of penta-, hexa-, and heptachlorohydroxydiphenyl ethers in mice.

Effects of lipid peroxidation on adrenal microsomal monooxygenases.

Modification by temperature and external calcium of the increase in spontaneous transmitter release induced by a metabolic inhibitor at the neuromuscular junction.

ATP content in isolated mammalian nerve cells assayed by a modified luciferin-luciferase method.

Death and injury caused by methyl bromide, an insecticide fumigant.

The T lymphocyte response to cytochrome c. IV. Distinguishable sites on a peptide antigen which affect antigenic strength and memory.

The purification and characterization of a Thy-1-like glycoprotein from chicken brain.

Ceramide synthesis from free fatty acids in rat brain: function of NADPH and substrate specificity.

Further biochemical characterization of the polypeptide h3 recently isolated from human brain material, and its identification in human liver.

Bidirectional axonal transport of thallium in frog sciatic nerve.

The nucleotide sequence of rat liver fatty acid binding protein mRNA.

The disulphide bonds of an Asian influenza virus neuraminidase.

Changes in free amino acid contents of rat brain induced by exposure to methyl bromide.

Transport of histidine into synaptosomes of the rat central nervous system.

Arsenic distribution and neurochemical effects in peroral sodium arsenite exposure of rats.

2-Benzazepines. 4. [1,2,3]Triazolo[4,5-d][2]benzazepines and dibenzo[c,f][1,2,3]triazolo[3,4-a]azepines: synthesis and evaluation as central nervous system agents.

Distribution of immunoreactive human growth hormone-like material and thyrotropin-releasing hormone in the rat central nervous system: evidence for their coexistence in the same neurons.

Cow's urine concoction: its chemical composition, pharmacological actions and mode of lethality.

Axonal transport of thiamine in frog sciatic nerves in vitro.

Changes of extracellular potassium activity induced by electric current through brain tissue in the rat.

Further studies on the role of calcium in the regulation of glutamate decarboxylase activity in brain slices.

Failure of atractyloside to inhibit synaptosomal mitochondrial energy transduction.

On the presence of a heme-binding domain homologous to cytochrome b(5) in *Neurospora crassa* assimilatory nitrate reductase.

Calcium stimulation of glutamine hydrolysis in synaptosomes from rat brain.

Isophosphoramidate mustard, a metabolite of ifosfamide with activity against murine tumours comparable to cyclophosphamide.

[Primary structure of calmodulin from the human brain].

A new metabolically trapped agent by brain monoamine oxidase: N-methyl labeled (¹⁴C) N-methylphenylethylamine (¹⁴C-MPEA).

Taurine biosynthesis in frog retina: effects of light and dark adaptations.

Uptake and dissimilation of glycerol by wild type and glycerol nonutilizing strains of *Neurospora crassa*.

Extensive labelling of injured insect neurons with seven different heme peptides.

Different effects of types A and B botulinum toxin on transmitter release at the rat neuromuscular junction.

Nerve conduction velocity studies of workers employed in the manufacture of phenoxy herbicides.

The pathophysiology of paraquat nephrotoxicity in the sheep.

The acute toxicity of nonachloropredioxin and 3- and 4-hydroxynonachlorodiphenyl ether in mice.

Blood-brain barrier damage by 2-methyl-4-chlorophenoxyacetic acid herbicide in rats.

Neuropsychiatric effects of herbicides.

Accumulation of radionuclide-labeled platelets and fibrinogen in paraquat-damaged rat lungs.

Effects of sodium pentachlorophenate on enzymes of energy metabolism in tissues of *Notopterus notopterus*.

Dinitrophenol poisoning: a diagnosis to consider in undiagnosed fever.

Increase in the penetration of tracer compounds into the rat brain during 2-methyl-4-chlorophenoxyacetic acid (MCPA) intoxication.

Effects of anionic xenobiotics on rat kidney. I--Tissue and mitochondrial respiration.

Neurotoxicological investigation of the new Hungarian pesticide Toxurazine.

Sciatic nerve fibres in albino rats after atrazine treatment: a morpho-quantitative study.

Young Scientists Award lecture 1981: The identification of an accumulation system for diamines and polyamines into the lung and its relevance to paraquat toxicity.

Hatching and lipid composition of chicks brain from eggs treated with 2,4-dichlorophenoxyacetic butyl ester.

[Effect of the most frequently used pesticides on various biological parameters in *Daphnia magna* Straus (Crustacea)].

Reproductive toxicity of environmental agents.

Effects of lindane, paraquat, toxaphene, and 2,4,5-trichlorophenoxyacetic acid on mallard embryo development.

Ciguatera poisoning and herbicides.

Effects of aldehyde dehydrogenase inhibitors on enzymes involved in the metabolism of biogenic aldehydes in rat liver and brain.

Dose-effect relationship between ethyl alcohol pretreatment and retention and tissue distribution of mercury vapor in rats.

The accumulation of diamines and polyamines into rat lung slices.

Allylamine cardiotoxicity--IV. Metabolism to acrolein by cardiovascular tissues.

[Middle cerebral artery occlusion with Moyamoya phenomenon.--2nd report: report of an autopsy case].

[Myoclonus of toxic origin].

Gliomas and occupational exposure to carcinogens: case-control study.

Neurotoxicity of the pesticidal carbamates.

An analysis of fetotoxicity using biochemical endpoints of organ differentiation.

Studies on the mechanism of enkephalin receptor down regulation.

Visual evoked potentials in encephalopathy induced by galactosamine, ammonia, dimethyldisulfide, and octanoic acid.

A preliminary report on combined traditional Chinese and Western medicine in sensorineural hearing loss. An analysis of 108 cases.

Adrenocorticotropin-dependent particulate guanylate cyclase in rat adrenal and adrenocortical carcinoma: comparison of its properties with soluble guanylate cyclase and its relationship with ACTH-induced steroidogenesis.

Differential effects of 2,4-dinitrophenol and valinomycin (+ K⁺) on uncoupler-stimulated ATPase of human tumor mitochondria.

Morphogenesis of the mitochondrial alterations in muscle diseases.

Effect of cholinergic drugs on acute and chronic morphine dependence.

Severe peripheral neuropathy after exposure to monosodium methyl arsonate.

Interaction of phencyclidine with mouse neuroblastoma cells.

Characterization of serotonin uptake in cultured pheochromocytoma cells. Comparison with norepinephrine uptake.

Characterization of serotonin uptake in cultured neuroblastoma cells. Difference between differentiated and nondifferentiated cells.

[The prevention of pain after tooth extraction using topically applied acetyl-salicylic acid (Grisaldon)].

Nutritional iron and dopamine binding sites in the rat brain.

Cancer risks associated with agriculture: epidemiologic evidence.

Studies in neuronal ceroid lipofuscinosis: enzymes of liver and brain tissues involved in the defense against oxidative damage.

Production and regulation of enkephalin-like peptides in neuroblastoma x glioma cells.

Clinical and laboratory findings in Metastation EK-50.

Experimental and clinical results in shock lung treatment with vitamin E.

Health effects of chlorophenol wood preservatives on sawmill workers.

Toxicity of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin (TCDD).

Met- and leu-enkephalin immuno- and bio-reactivity in human stomach and pancreas.

Accumulation of peptide Tyr-D-Ala-Gly by choroid plexus during ventriculocisternal perfusion of rat brain.

Inhibition of insulin-stimulated xylose uptake in denervated rat soleus muscle: a post-receptor effect.

Effects of PAM, proPAM, and DFP on behavior, thermoregulation, and brain AChE in rats.

Low molecular weight pineal and cerebral fractions affecting insulin secretion in vitro.

Synthesis and effect of asymmetric 1,4-bis(aminoacyl) piperazines on neuromuscular transmission.

Does the sarcoplasmic reticulum achieve chemiosmotic equilibrium in relaxed muscle?

Similar activities of nerve growth factor and its homologue proinsulin in intracellular hydrogen peroxide production and metabolism in adipocytes. Transmembrane signalling relative to insulin-mimicking cellular effects.

Temporary and selective anosmia in tiger salamanders (*Ambystoma tigrinum*) caused by chemical treatment of the olfactory epithelium.

Effects of salicylate and 2,4-dinitrophenol on respiration and metabolism.

Reduction of exogenous cytochrome c by *Neurospora crassa* conidia: effects of superoxide dismutase and blue light.

Analysis of the primary structure of the strongly hydrophobic brain myelin proteolipid apoprotein (lipophilin). Isolation and amino acid sequence determination of proteolytic fragments.

Effects of the cardiotonic drug ARL-115 on the release of noradrenaline from the cat atrium, the binding of 3H-ouabain to plasma membranes and the movements of calcium in mitochondria.

Significant changes in monoamines in rat brain induced by exposure to methyl bromide.

Respiration and cell volume of primary cultured cerebral astrocytes in media of various osmolarities.

In vitro cellular respiration at elevated temperatures in developing rat cerebral cortex.

The role of vitamin E in cellular energy metabolism in cultured adrenocortical cells.

Primary structure of the C-terminal cyanogen bromide fragments II, III and IV from bovine brain proteolipid-apoprotein.

Synaptosomal calcium uptake systems: prostaglandins are probably not involved in the regulation of calcium fluxes into and within the nerve endings.

The interaction of cephalosporin antibiotics with renal cortex of rats: accumulation to cortical slices and binding to purified plasma membranes.

Maturation of potassium-stimulated respiration in rat cerebral cortical slices.

Structure-activity relationships of a pigment-dispersing crustacean neurohormone.

Thyrotropin releasing hormone: centrally mediated effects on gastrointestinal motor activity.

Immunohistochemical localization of thyrotropin-releasing hormone in the rat hypothalamus and pituitary.

Primary structure of tyrosinase from *Neurospora crassa*. II. Complete amino acid sequence and chemical structure of a tripeptide containing an unusual thioether.

Primary structure of tyrosinase from *Neurospora crassa*. I. Purification and amino acid sequence of the cyanogen bromide fragments.

Ketone-body utilization by homogenates of adult rat brain.

Amino-acid sequence of the alpha-subunit of taipoxin, an extremely potent presynaptic neurotoxin from the Australian snake taipan (*Oxyuranus s. scutellatus*).

Conformation of bovine nerve root P2 protein: characteristics of the molecule from circular dichroism spectra.

Multiple forms of phenolsulphotransferase in human tissues: selective inhibition by dichloronitrophenol.

Complete amino acid sequence of human brain calmodulin.

Distribution and metabolism of 2,4-dichlorophenol in rats.

2,4-dinitrophenol stimulation of renal ammoniogenesis.

Proton-magnetic-resonance studies on the interaction of rabbit skeletal-muscle troponin I with troponin C and actin.

Increases in choline levels in rat brain elicited by meclofenoxate.

High-affinity Ca-Mg-ATPase along the rabbit nephron.

Conditioned taste aversion induced by inhalation exposure to methyl bromide in rats.

Increased specificity in human cardiac-myosin radioimmunoassay utilizing two monoclonal antibodies in a double sandwich assay.

Release of mitochondrial respiratory control by cyanate salts.

Active transport of nicotine by the isolated choroid plexus in vitro.

Effects of extended peroral borate ingestion on rat liver and brain.

Antigenic sites on mouse 2.5S nerve growth factor.

Identification and purification of a phenothiazine binding fragment from bovine brain calmodulin.

Mitochondrial bioenergetics during the initiation of mercuric chloride-induced renal injury. II. Functional alterations of renal cortical mitochondria isolated after mercuric chloride treatment.

Mitochondrial bioenergetics during the initiation of mercuric chloride-induced renal injury. I. Direct effects of in vitro mercuric chloride on renal mitochondrial function.

Effect of phospholipase A2 on calcium transport in brain synaptosomes.

The Ah regulatory gene product. Survey of nineteen polycyclic aromatic compounds' and fifteen benzo[a]pyrene metabolites' capacity to bind to the cytosolic receptor.

Sequestration requirements for the degradation of 125I-labeled beta nerve growth factor bound to embryonic sensory neurons.

Reactivity of key metabolic sterols in standard colorimetric assays for cholesterol.

Effect of phenolic compounds on in vivo activity of glucose-6-phosphatase in certain tissues of *Notopterus notopterus*.

Brain level and synthesis of acetylcholine during exposure to vibration and organic-phosphorus and phenol-derived pesticides.

Diquat intoxication: report of two cases and review of the literature.

Aerial spraying of 2,4,5-T and human birth malformations: an epidemiological investigation.

2,4,5-trichlorophenoxyacetic acid causes behavioral effects in chickens at environmentally relevant doses.

[Assessment of the potential risk for progeny in work with endodan (experimental studies)].

[Embryotropic action of the triazine herbicide polyzin 50].

[Investigations on neurotoxicity of chemical substances at the workplace. II. Determination of the motor and sensory nerve conduction velocity in persons occupationally exposed to pentachlorophenol (author's transl)].

[Field study of workers with longterm exposure to calcium cyanamide (author's transl)].

Reye's syndrome simulacra in liver of mice after treatment with chemical agents and encephalomyocarditis virus.

Arsenic-induced axial skeletal (dysraphic) disorders.

Ionic conductance and experimentally induced myotonia.

The calcium carbimide-ethanol interaction: lack of relation between electroencephalographic response and cerebrospinal fluid acetaldehyde.

Effect of thyroid status on beta-adrenoreceptors and muscarinic receptors in the rat lung.

The accumulation of putrescine into slices of rat lung and brain and its relationship to the accumulation of paraquat.

Suppression of alcohol drinking with brain aldehyde dehydrogenase inhibition.

[Pentachlorophenol concentrations in tissues and body fluids of normal persons (author's transl)].

Acetaldehyde concentration in rat blood and brain during the calcium carbimide--ethanol interaction.

Herbicidal effect on some metabolic processes of *Azotobacter chroococcum*.

Relationship between clinical and electrophysiological findings and indicators of heavy exposure to 2,3,7,8-tetrachlorodibenzo-dioxin.

Improved monitoring system of neutron flux during boron-neutron capture therapy.

Nonspecific suppression of initiation of memory cells in *Toxoplasma gondii*-infected mice.

Identification of abnormally [³²P]-phosphorylated cyanogen bromide cleavage product of erythrocyte membrane spectrin in Duchenne muscular dystrophy.

Detection of experimentally produced acute pulmonary arterial occlusion by methyl iodide-131 inhalation imaging.

Analysis of interappointment pain associated with the combined use of endodontic irrigants and medicaments.

Partial amino acid sequence homology between an heredofamilial amyloid protein and human plasma prealbumin.

Viral encephalomyelitis of pigeons. VI. Some physico-chemical properties of the virus and extracted viral DNA.

Production of Heinz body anaemia in the domestic fowl after ingestion of dimethyl disulphide: a haematological and ultrastructural study.

Structure of bovine P2 basic protein: sequence of a carboxyterminal segment that is a neuritogen in rabbits.

A gas chromatographic-mass spectrometric analysis for phenols in uremic serum.

The development and prognosis of chronic intoxication by tetrachlordibenzo-p-dioxin in men.

delta-Aminolaevulinic acid uptake, toxicity, and effect on [¹⁴C]gamma-aminobutyric acid uptake into neurons and glia in culture.

Neurobehavioral effects of methyl bromide inhalation exposures.

Acute topical exposure to a mixture of benzene, chloroacetyl chloride and xylidine.

Determination of terminal sugars in transferrin by radio-lectin immunoassay (RLIA)-a new microanalytical procedure.

Cell surface labeling of embryonic neural retina cells exposed to low temperature, energy inhibitors, cytochalasin B and colchicin.

Active uptake of substance P carboxy-terminal heptapeptide (5-11) into rat brain and rabbit spinal cord slices.

¹¹C-Iodoantipyrine for the measurement of regional cerebral blood flow by positron emission tomography. Validation studies.

Sodium-dependent and calcium-dependent calcium transport by rat brain microsomes.

Transmural electrical stimulation-induced relaxation of the guinea-pig gall bladder.

E-C coupling during poisoning with 2,4-dinitrophenol and recovery in papillary muscle of guinea-pig: 2. Effect on the cardiac electrical activity.

The amino acid sequence of the gamma-subunit of mouse submaxillary gland 7 S nerve growth factor.

Does endogenous cyclic GMP inhibit potassium stimulated ^{45}Ca uptake by P2 fraction from rat brain?

Distribution and different activation of adenylate cyclase by NaF and of guanylate cyclase by NaN_3 in neuronal and glial cells separated from rat cerebral cortex.

Preparation and properties of an immunosorbent column specific for the myelin basic protein.

Effects of ionophore A23187 on calcium fluxes from cultured adrenal cells.

Sorting out of coaggregated brain cell types mediated by specific cell recognition factors in vitro. II. Kinetic and metabolic parameters.

The cytoskeleton of primary astrocytes in culture contains actin, glial fibrillary acidic protein, and the fibroblast-type filament protein, vimentin.

Acetylcholine synthesis and CO_2 production from variously labeled glucose in rat brain slices and synaptosomes.

Neurons sensitive to 2,6-dichlorophenol on the tarsi of the tick *Amblyomma americanum* (Acari: Ixodidae).

Interactions between bacterial pyrogen and proteolipid extracted from the cerebrum (I).

The amino-acid sequence of the alpha subunit in bovine brain S-100a protein.

High-affinity uptake of spermine by slices of rat cerebral cortex.

Complete amino acid sequence of alpha-tubulin from porcine brain.

Transport of 2-deoxy-D-[^3H]glucose in microvessels isolated from bovine cerebral cortex.

Affinity chromatography of *Streptomyces erythreus* trypsin-like enzyme on Japanese quail ovomucoid.

Structural relation of two S-100 proteins in bovine brain; subunit composition of S-100a protein.

The use of 2-dimensional CNBr peptide maps for the analysis of crosslinked peptides in bone collagen.

Changes in body temperature after administration of antipyretics, LSD, delta 9-THC, CNS depressants and stimulants, hormones, inorganic ions, gases, 2,4-DNP and miscellaneous agents.

The immobilization of mitochondrial malate dehydrogenase on Sepharose beads and the demonstration of catalytically active subunits.

Maturation of renal tubular transport of digoxin.

Studies of the effects of agents which alter calcium metabolism on acetylcholine turnover in the rat diaphragm preparation.

The effect of microwave radiation on passive membrane properties of snail neurons.

The uptake of carnitine by slices of rat cerebral cortex.

An in vivo/in vitro evaluation of teratogenic action.

High-affinity [^3H]choline accumulation in cultured human skin fibroblasts.

Fragments of rabbit striated muscle alpha-tropomyosin. II. Binding to troponin-T.

[Toxicity of water pollutants estimated by measurement of the locomotor activity of *Daphnia magna*].

An energy-dependent, sodium-independent component of active p-aminohippurate transport in rabbit renal cortex.

The amino acid sequence of the delta subunit (calmodulin) of rabbit skeletal muscle phosphorylase kinase.

[The adhesion of blood platelets to collagen: molecular features of collagen (author's transl)].

Histoenzymatic changes in the thalamic nuclei of rats intoxicated by phenyl-mercury acetate (PhMA).

Simultaneous immobilization of cytochrome P-450 and glucuronyltransferase for synthesis of drug metabolites.

Deficient cyclic adenosine 3',5'-monophosphate control in mutants of two genes of *Neurospora crassa*.

[Polyradiculoneuropathy due to paraquat: A case report (author's transl)].

Toxicity and bioaccumulation of pentachlorophenol in broiler chickens.

Cerebral damage in paraquat poisoning.

Accumulation of anionic pesticides by rabbit choroid plexus in vitro.

[Comparative study of the intermittent and continuous action of the herbicide, Ramrod].

[Assessment of the chronic toxic action of the herbicide, balagrin, in continuous and intermittent exposure regimens].

[Effects of toxic gases and phagocytic defense of the respiratory system. "In vitro" approach].

Experimental myotonia.

Neuronal influences on the sensitivity of skeletal muscle to experimental myotonia.

Ethanol oxidation by rat brain in vivo.

Hydrogen peroxide production by rat brain in vivo.

3-Amino-1,2,4-triazole is an inhibitor of protein synthesis on mitoribosomes in *Neurospora crassa*.

[Myotonic effects of 2,4-Dichlorophenoxyacetate (2,4-D) on the isolated frog skeletal muscle (author's transl)].

[The influence of 2,4-dichlorophenoxyacetate (2,4-D) on the membrane potential, membrane resistance and electromyogram of the frog skeletal muscle before and after stimulation (author's transl)].

Hexachlorobenzene (HCB) and some of its sulfur-containing metabolites: tissue retention and excretion routes in mice.

Effect of a specific 5HT uptake inhibitor (citalopram) on drug accumulation by rat lung slices.

A membrane glycoprotein from human neuroblastoma cells isolated with the use of a monoclonal antibody.

Mechanism of the linkage between the electrophoretic mobility and oxygen uptake of ascites tumor cells.

Histopathologic differences between liver tumors in untreated (C57BL/6 X C3H)F1 (B6C3F1) mice and Nitrofen-fed mice.

A general characteristic of tumor mitochondria: leakage of endogenous Mg²⁺ on incubation with uncoupler and resultant reduction of uncoupler-stimulated ATPase activity.

Regulation of muscarinic receptor-mediated cyclic GMP synthesis by cultured mouse neuroblastoma cells.

Behavioural effects in rats following repeated exposure to methyl bromide.

Bovine peripheral nervous system myelin P2 protein: chemical and immunological characterization of the cyanogen bromide peptides.

Allergic encephalomyelitis induced in guinea pigs by a peptide from the NH₂-terminus of bovine P2 protein.

Modification of mitochondrial respiration by aging and dietary restriction.

Antigen-induced suppression of experimental allergic neuritis in the guinea pig.

Dependence of the porphyrogenic effect of 2,3,7,8-tetrachlorodibenzo(p)dioxin upon inheritance of aryl hydrocarbon hydroxylase responsiveness.

Some factors affecting spontaneous transmitter release in dystrophic mice.

Epidermal growth factor induces tyrosine hydroxylase in a clonal pheochromocytoma cell line, PC-G2.

Induction of 2',3'-cyclic nucleotide 3'-phosphohydrolase and morphological alterations in C6 glioma cells by dexamethasone, (3-butoxy-4-methoxybenzyl)-2-imidazolinone and prostaglandin E1.

Myotonia as a side effect of diuretic action.

Neurotoxicity of halogenated O-phenyl O-alkyl alkylphosphonothioates.

[Use of antagonistic metals to correct copper metabolism in patients with hepatocerebral dystrophy].

Congenital hypothalamic hamartoblastoma, hypopituitarism, imperforate anus and postaxial polydactyly--a new syndrome? Part I: clinical, causal, and pathogenetic considerations.

Experiences from the accident of Seveso.

The histochemical characterization of the coupling state of skeletal muscle mitochondria.

Effect of metabolic inhibitors on renal tubule cell volume.

Further studies on the actions of salicylates on nerve membranes.

The renal cortical lymphatic system in dogs with unimpeded lymph and urine flow.

Cytotoxicity of methyl bromide: effect of methyl bromide on cultured mammalian cells.

Thermal injury of *Yersinia enterocolitica*.

Digoxin-quinidine interaction: in vitro studies in rat tissue.

Synthesis and secretion of hemolysin by *Escherichia coli*.

Reversible and irreversible loss of Fc receptor function of human monocytes as a consequence of interaction with immunoglobulin G.

Effect of thyrotropin-releasing hormone (TRH) on local cerebral glucose utilization, by the autoradiographic 2-deoxy[14C]glucose method, in conscious and pentobarbitalized rats.

Isolation and characterization of the proximal and distal forms of lactase-phlorizin hydrolase from the small intestine of the suckling rat.

The characterization of [3H] adenosine uptake into rat cerebral cortical synaptosomes.

How is the cytoplasmic calcium concentration controlled in nerve terminals?

Nicotinamide adenine dinucleotide-specific glutamate dehydrogenase of *Neurospora crassa*. Isolation and sequences of several cyanogen bromide peptides from the NH₂-terminal portion of the peptide chain.

Phosphorus nuclear magnetic resonance of bovine platelets.

Active renal hexose transport. Structural requirements.

Adriamycin-induced alterations of the action potential in rat papillary muscle.

Hydrolysis of galactose from glycolipids and glycoprotein by young rat brain beta-galactosidases immobilized to Sepharose 4B.

The complete amino acid sequence of the P2 protein in bovine peripheral nerve myelin.

Desensitization of the acetylcholine receptor of denervated rat soleus muscle and the effect of calcium.

Mechanisms of action potential propagation failure at sites of axon branching in the crayfish.

Characteristics of 5-hydroxytryptamine transport in pancreatic islets.

Effects of pH on the mutagenicity of sodium azide in *Neurospora crassa* and *Salmonella typhimurium*.

Radioactive labelling of toxin I from *Anemonia sulcata* and binding to crayfish nerve in vitro.

The complete amino acid sequence of the Ca²⁺-dependent modulator protein (calmodulin) of bovine brain.

The NH₂-terminal region of the P2 protein from rabbit sciatic nerve myelin.

Effect of metabolic inhibitors on ⁴⁵Ca fluxes and ATP content of myelinated nerve.

N,N'-dicyclohexylcarbodiimide binds specifically to a single glutamyl residue of the proteolipid subunit of the mitochondrial adenosinetriphosphatases from *Neurospora crassa* and *Saccharomyces cerevisiae*.

[Peripheral regulation of the adrenergic mediator process in the smooth muscles of the rat small intestine].

Ultrastructure of choroid plexus of the rat brain after 2,4-dinitrophenol treatment.

Effects of phenol and dinitrophenol on acid and alkaline phosphatases in tissues of a fish (*Notopterus notopterus*).

The uptake of 3-deoxy-3-fluoro-D-glucose by synaptosomes from rat brain cortex.

Interaction of cytopathogenic toxin from *Clostridium difficile* with cells in tissue culture.

Chemical analysis of major outer membrane proteins of *Neisseria meningitidis*: comparison of serotypes 2 and 11.

The effect of immobilization on the types of collagen synthesized in periarticular connective tissue.

Respiration in rat cerebral astrocytes from primary culture.

Distribution of 2-methyl-4-chlorophenoxyacetic acid and 2,4-dichlorophenoxyacetic acid in male rats: evidence for the involvement of the central nervous system in their toxicity.

Delayed neurotoxic, late acute and cholinergic effects of S,S,S-tributyl phosphorotrithioate (DEF): subchronic (90 days) administration in hens.

[Biological value of Mironovskaya-808 winter wheat grown using the herbicide simazine].

Uptake and efflux of ¹⁴C-paraquat by rat lung slices: the effect of imipramine and other drugs.

Toxic substances and cell membrane function.

Pulmonary effects of contact exposure to paraquat: a clinical and experimental study.

[Clinical aspects of the late sequelae of acute 2,4-dichlorophenoxyacetic acid poisoning].

[Histological changes of organs in sheep with chronic simazine poisoning].

Experimental myotonia induced in denervated muscles by 2,4-D.

Differentiation of cultured neuroblastoma cells by urea derivatives.

Influence of histamine on estrogen-induced inhibition of compensatory ovarian hypertrophy in hemiovariectomized rats.

Tissue distribution of paraquat and diquat after oral administration in rats.

Blood pressure response to ethanol in relation to acetaldehyde levels and dopamine-beta-hydroxylase activity in rats pretreated with disulfiram, cyanamide and coprine.

[The effect of paraquat and etiol, frequently used pesticides, on neuromuscular transmission in isolated organs].

Influence of 2,4 dichlorophenoxyacetate and of dantrolene sodium on the target phenomenon in tenotomized rat gastrocnemius muscle.

[Preparation of a chloridazon metabolite by use of immobilized chloridazon-dihydrodiol dehydrogenase. Some properties of the immobilized enzyme].

EC-GLC determination of the herbicidal monohalogenated phenoxyalkyl acid mecoprop in tissues, urine and plasma after derivatization with pentafluorobenzylbromide.

Neurochemical effects of peroral administration of technical pentachlorophenol.

Renal transport and renal metabolism of 2, 4, 5-trichlorophenoxyacetate by the chicken.

[Microsurgical plastic reconstruction of the explosion-damaged hand].

Role of peripheral tissue receptors in stimulation of ventilation by 2,4-dinitrophenol.

[Cresol burns in the eye (author's transl)].

Insecticide/herbicide exposure, aplastic anaemia, and pseudotumor cerebri.

Toxic effects of peroral o-cresol intake on rat brain.

Defect in regulation of membrane transport of monosaccharides in dystrophic muscle.

Immunoperoxidase staining for detection of Colorado tick fever virus, and a study of congenital infection in the mouse.

Herbicide use and incidence of neural-tube defects.

High-affinity uptake of gamma-aminobutyric acid in cultured glial and neuronal cells.

Human health effects from accidental release of tetrachlorodibenzo-p-dioxin (TCDD) at Seveso, Italy.

Large agarose beads for extracorporeal detoxification systems. Preparation and enzymatic properties of agarose-bound UDP-glucuronyltransferase.

Bromine in blood, EEG and transaminases in methyl bromide workers.

The clinical toxicity of endodontic medicaments.

Increased pressor responses to physostigmine in spontaneously hypertensive rats.

The biostructural theory and the criticism of contemporary molecularism.

Estimation of the TCDD toxic potential in the light of the Seveso accident.

[On the plurifactorial determinism of the organophosphorous-induced teratogenesis on bird embryos; trials of protection by various compounds: oximes, hydroxamic acids and nicotinamide analogs (author's transl)].

Physico-chemical characterization of hamster interferon.

Studies of the biological and immunological properties of parathyroid hormone, labeled selectively on the methionine residues by [3H]methyl exchange to high specific activity.

Dispersal and reformation of acetylcholine receptor clusters of cultured rat myotubes treated with inhibitors of energy metabolism.

Sodium dependence of the nerve growth factor--regulated hexose uptake in chick embryo ganglionic cells.

Studies on peptides. LXXXI. Application of a new arginine derivative, NG-mesitylene-2-sulfonylarginine, to the synthesis of substance P and neurotensin.

The cyanogen bromide peptide maps of neurofilament polypeptides in axonal preparations isolated from bovine brain are different.

An improved silver stain for developing nervous tissue.

Astroglial and axonal proteins in isolated brain filaments. I. Isolation of the glial fibrillary acidic protein and of an immunologically active cyanogen bromide peptide from brain filament preparations of bovine white matter.

Functional organization of rat olfactory bulb analysed by the 2-deoxyglucose method.

Ultrastructural correlates of luminescence in *Porichthys* photophores. II. Effects of metabolic inhibitors.

On the distribution of [met⁵]- and [leu⁵]-enkephalins in the brain of the rat, guinea-pig and calf.

Actin from embryonic chick brain. Isolation in high yield and comparison of biochemical properties with chicken muscle actin.

A comparative evaluation of spermicidal activities of iron salts.

Functioning of mitochondria-bound hexokinase in rat brain in accordance with generation of ATP inside the organelle.

Isolation of kidney brush border gamma-glutamyl transpeptidase from urine by specific antibody gel chromatography.

Metabolic activation/deactivation reactions during perinatal development.

Metabolic similarities between fertilization and phagocytosis. Conservation of a peroxidatic mechanism.

Structural studies of the apoprotein of the Folch-Pi bovine brain myelin proteolipid : characterization of the CNBr-fragments and of a long C-terminal sequence.

Ultrastructural localization of D-amino acid oxidase in microperoxisomes of the rat nervous system.

Studies on the effect of neonatal hypermetabolism on hypothalamo-pituitary-thyroid axis in adult rats.

Distribution of the messenger RNA coding for the common precursor of corticotropin and beta-lipotropin within the bovine pituitary.

Uptake of 2-deoxy-D-glucose by cortical synaptosomes from the Long-Evans rat.

Hexose transport and phosphorylation by capillaries isolated from rat brain.

Hormonally induced cell shape changes in cultured rat ovarian granulosa cells.

Characterization of turkey myelin basic protein isolated by a simple procedure.

Comparative toxicology of chlorinated compounds on mammalian species.

Paraquat poisoning: a review.

[Case of acute 2,4-D herbicide poisoning (late sequelae)].

[Effect of stress (immobilization) on embryotoxic and teratogenic effect of 2,4,5-trichlorophenoxyacetic acid and its derivatives].

Autopsy findings in a case of acute paraquat poisoning with extensive cerebral purpura.

[Neurologic manifestations in the course of pesticide intoxication].

[Experimental poisoning of carp fingerlings (*Cyprinus carpio* L.) with the herbicidal preparation, lasagrin (alachlor)].

[Toxicity of the pesticide nabam as a function of dietary protein content in the rat].

[Pathomorphological studies in experimental simazine poisoning of sheep].

[2,4-D poisoning].

[Muscle flaccidity as a leading and warning symptom in drug therapy and poisonings].

Noncardiac pulmonary edema.

Solid-phase fluoroimmunoassay of human albumin in biological fluids.

Transport of 2,4-dichlorophenoxyacetate by rat renal cortical slices.

Effects of atratone on hormone-dependent reactions in hypothalamus, pituitary and prostate gland.

Effect of SITS on organic anion transport in the rabbit kidney cortical slice.

Reincarnation in cultured muscle of mitochondrial abnormalities. Two patients with epilepsy and lactic acidosis.

Biochemical changes in the rat brain associated with dinitrophenol-induced brain edema.

[What does conservative therapy of "idiopathic" facial paresis accomplish?].

[Mechanism of the decrease in basal metabolism during adaptation to hypoxia].

Isolation and characterization of glial filaments from human brain.

Effect of nighttime anisotropine methyl bromide of duodenal ulcer healing and pain: a double-blind controlled trial.

PH-dependent behavior of erythrocyte membrane elevations. II Occurrence in moderate acidemic and alkalemic conditions.

Antagonism of substance P induced facilitation of central neuronal activity by 2,4-dinitrophenol and depressant agents.

Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia.

Preliminary results of a neurological investigation of the population exposed to TCDD in the Seveso region.

Epidemiological studies on Japanese encephalitis in Kyoto City area, Japan. I. Evidence for decrease of vector mosquitoes.

Large agarose beads for extracorporeal detoxification systems.

Protein associations and basic protein conformation in the myelin membrane. The use of difluorodinitrobenzene as a cross-linking reagent.

Cross-linking studies on the conformation and dimerization of myelin basic protein in solution.

Immobilized flounder muscle glyceraldehyde 3-phosphate dehydrogenase.

Agarose-bound horse-liver alcohol dehydrogenase. Dependence of molecular properties and activity on coupling conditions.

Desialylation of glycoconjugates using immobilized vibrio cholerae neuraminidase. Preparation, properties and use of the bound enzyme.

Effect of metabolic inhibitors on phenylalanine influx in cerebral cortex slices from mature and immature rats.

Structure of alpha-polymer from in vitro and in vivo highly cross-linked human fibrin.

[Neuropsychopharmacological effects of TCDD].

Isolation of precursors of cytochrome oxidase from *Neurospora crassa*: application of subunit-specific antibodies and protein A from *Staphylococcus aureus*.

Effects of inhibitors on the plasma membrane and mitochondrial adenosine triphosphatases of *Neurospora crassa*.

Isolated microvessels: the blood-brain barrier in vitro.

The action of immobilized thrombin on factor VIII, fibrinogen and a synthetic tripeptide.

Amino-acid sequence of toxin I from *Anemonia sulcata*.

Amino acid sequence of tyrosinase from *Neurospora crassa*.

Immunochemical characterization of cyanogen bromide degradation products of M and N blood-group glycopeptides.

Distribution of clozapine in the rat: localization in lung.

Calcium buffering in presynaptic nerve terminals. I. Evidence for involvement of a nonmitochondrial ATP-dependent sequestration mechanism.

Embryonic neural retina collagen: in vitro synthesis of high molecular weight forms of type II plus a new genetic type.

Inhibition of the efflux of organic ions from renal cortical slices.

Calcium-dependent inhibition by prostaglandin E1 of spontaneous acetylcholine release from frog motor nerve.

Effect of cholinergic antagonists on sympathetic ganglionic transmission of vasomotor reflexes from the carotid baroreceptors and chemoreceptors of the dog.

Pulmonary fibrinolytic activity: development of a sensitive radiochromatographic assay.

Alterations in spontaneous activity of the isolated frog spinal cord in Calcium-free environment.

Role of neurotransmitters, prostaglandins and glucose on precursor incorporation into the RNA of thyroid slices.

Renal tubular transport of saccharin.

Comparison of the structural characteristics of the 4-aminobutyrate:2-oxoglutarate transaminases from rat and human brain, and of their affinities for certain inhibitors.

Molecular weights of the Thy-1 glycoproteins from rat thymus and brain in the presence and absence of deoxycholate.

Significance of 2,4-dinitrophenol action on spinal motoneurons.

Cell-mediated immunity in the lungs of rabbits using conjugated proteins.

Biochemical studies of nerve excitability: the use of protein modifying reagents for characterizing sites involved in nerve excitation.

The type 1 alveolar lining cells of the mammalian lung. II. In vitro identification via the cell surface and ultrastructure of isolated cells from adult rabbit lung.

[Rapid method of combined staining of myelinated fibers and brain cells].

Studies on the histomorphology and histochemistry of the saccus vasculosus of Cyprinion macrostomus.

Dual effect of 2,4-dinitrophenol on the spontaneous release of transmitter at the frog neuromuscular junction.

Human poisoning with pentachlorophenol and its treatment.

[Studies on the embryotoxicity of monolinuron and buturon in NMRI-mice (author's transl)].

[Hemoperfusion with coated activated charcoal for treating acute poisoning by remedies, plant protectants, and fungi. III. Fungi (author's transl)].

Guillain-Barré syndrome following organophosphate poisoning.

Substantial increase in the levels of chlorophenoxyacetic acids in the CNS of rats as a result of severe intoxication.

The effect of two pesticides, Miedzian 50 and Gesagard 50, on the development of tadpoles of Rana temporaria.

Toxicological studies on hydrocarbons--lomex.

The possible cellular mechanism of 2,4-dichlorophenoxyacetate-induced myopathy.

The effect of denervation on subsequent in vitro induction of myotonia.

The influence of nerve stump length on (2,4-dichlorophenoxy)acetic acid-induced myotonia.

Neural influence on experimental myotonia.

The pharmacology of experimental myopathies.

Neurochemical effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in Wistar and Gunn rats.

Therapeutic trials in muscular dystrophy: II. Ethylene and its derivatives.

Methyl bromide intoxication: neurologic features, including simulation of Reye syndrome.

Morphological changes in monkeys consuming a diet containing low levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Renal energy metabolism and sodium reabsorption after 2,4-dinitrophenol administration.

Bromide intoxication of horses, goats, and cattle.

Differentiation of malignant neuroblastoma cells: evidence for a mitochondrial role.

Studies on the nature of EA binding by lymphocytes from rheumatoid arthritis patients.

[Preliminary data on the action of sulfonamido-phenoxyacetic acid on the synthesis of nucleic acids and proteins in the brain and liver of normal and cancerous rats].

Effects on interferon of heavy metal excess and zinc deficiency.

Accelerated degradation of acetylcholine receptor from cultured rat myotubes with myasthenia gravis sera and globulins.

[Copper and nervous system. An experimental study (author's transl)].

The value of enzyme histochemical techniques in the classification of fibre types of human skeletal muscle. 2. The histochemical demonstration of myosin adenosine triphosphatase in skeletal muscles from adult patients with or with no diseases of the neuromuscular system. A comparison between results obtained by calcium salt and lead salt techniques.

Primary structures of cardiotoxin analogues II and IV from the venom of *Naja jaja atra*.

Intoxication of cattle with sodium bromide-contaminated feed.

Preventive effect of selenium, methionine and antioxidants against encephalomalacia of chicks induced by dilauryl succinate.

The effects of d-amphetamine and temperature on p-cresol and pentylenetetrazol induced convulsions.

Structure and biological functions of human IgD. XIV. The development of a solid-phase radioimmunoassay for the quantitation of IgD in human sera and secretions.

Changes in integrated vagal afferent activity induced by model lung diseases in rats.

Partial amino acid sequence of brain actin and its homology with muscle actin.

Purification of thrombin by affinity chromatography on immobilized heparin.

The distribution of methionine-enkephalin and leucine-enkephalin in the brain and peripheral tissues.

2,4-Dinitrophenol inhibition of transport of 5-hydroxyindoleacetic acid from the cerebrospinal fluid and spinal cord.

Nicotinamide adenine dinucleotide-specific glutamate dehydrogenase of *Neurospora crassa*. IX. Isolation and sequences of several large cyanogen bromide peptides.

Nicotinamide adenine dinucleotide-specific glutamate dehydrogenase of *Neurospora*. VII. Isolation and sequences of three large cyanogen bromide peptides.

Nicotinamide adenine dinucleotide-specific glutamate dehydrogenase of *Neurospora*. VI. Isolation and sequences of eighteen fragments from the cyanogen bromide digest.

Energy utilization in the uptake of catecholamines by synaptic vesicles and adrenal chromaffin granules.

[Hormonal regulation of the electrical properties of the cell membrane].

Comparative studies on immobilization of human prostatic acid phosphatase.

In vitro uptake of gentamicin by rat renal cortical tissue.

Effects of sodium nitroprusside, nitroglycerin, and sodium azide on levels of cyclic nucleotides and mechanical activity of various tissues.

Nitric oxide activates guanylate cyclase and increases guanosine 3':5'-cyclic monophosphate levels in various tissue preparations.

Effect of anticonvulsants on the uptake of 5-methyltetrahydrofolic acid by the choroid plexus in rabbits.

Regulation of cardiac output during 2,4-dinitrophenol-induced tissue hypermetabolism in the dog.

Snake venom toxins. The amino-acid sequence of a short-neurotoxin homologue from *Dendroaspis polylepis polylepis* (black mamba) venom.

Appearance of new acetylcholine receptors on the baby chick biventer cervicis and denervated rat diaphragm muscles after blockade with alpha-bungarotoxin.

Effect of dichlorvos (DDVP) on mouse liver glutathione levels and lack of potentiation by methyl iodide and TOTP.

The subunit structure of bovine brain 14-3-2.

Inhibition of germ tube formation in *Neurospora*.

Inhibition studies on *Vibrio cholerae* neuraminidase.

A tryptic digestion fragment of nerve growth factor with nerve growth promoting activity.

Control of brain slice respiration by (Na⁺ + K⁺)-activated adenosine triphosphate and the effects of enzyme inhibitors.

Energy-linked potassium uptake by mitochondria from wild-type and poky strains of *Neurospora crassa*.

Stimulation of guanylate cyclase by sodium nitroprusside, nitroglycerin and nitric oxide in various tissue preparations and comparison to the effects of sodium azide and hydroxylamine.

Activation of guanylate cyclase in cerebral cortex of rat by hydroxylamine.

Opioid peptides (endorphins) in pituitary and brain.

Effects of two chlorinated phenols on the spontaneous impulse activity of the abdominal tonic motor system in the crayfish (*Astacus fluviatilis* L.).

Afterdischarge on postganglionic sympathetic nerves following repetitive stimulation of the preganglionic nerve to the rat superior cervical ganglion in vitro.

Extramitochondrial protein synthesis in calf brain synaptosomes.

Studies on the mechanism of renal transport depression caused by pretreatment with 2,4,5-trichlorophenoxyacetate.

[Various types of poisoning by chemical compounds used in agriculture and forestry].

[Hygienic standardization of a mixture of acrolein, acetone and phthalic anhydride in the atmosphere].

[Chloracne, porphyria cutanea tarda, and other poisonings due to the herbicides].

[Air pollution and irritations due to cigarette smoke].

Paraquat accumulation: tissue and species specificity.

Penetration of proteins in the central nervous system.

In vitro uptake of organic ions by renal cortical tissue of rats treated acutely with 2,4,5-trichlorophenoxyacetic acid.

The deleterious effects of fungicides and herbicides on *Xenopus laevis* embryos.

Binding of chick skin collagen alpha 1 chain by isolated membranes from human platelets.

Studies on the modification of renal lesions due to aspirin and oxyphenbutazone in the rat and the effects on the kidney of 2:4 dinitrophenol.

Neuromuscular disorder associated with a defect in mitochondrial energy supply.

Effects of anoxia and metabolic inhibitors on reaction of the fast sodium system.

[Pharmacological studies on basic ethers (R111 and R97) with antispasmodic activity].

Hematologic abnormalities following gastric resection.

Further study on pharmacology of meclophenoxate and its components in mice.

Appearance of magnesium guanylate cyclase activity in rat liver with sodium azide activation.

Inhibition of aldehyde dehydrogenase in brain and liver by cyanamide.

Effects of metabolic inhibitors and ouabain on static afferent discharges from the isolated frog muscle spindle.

Synthesis of type II collagen in vitro by embryonic chick neural retina tissue.

Ca²⁺ -uptake into noradrenaline-storing granules of bovine splenic nerves.

Diamide acts intracellularly to enhance transmitter release: the differential permeation of diamide, DIP, DIP+1 and DIP+2 across the nerve terminal membrane.

Carbohydrate linkage site in the beta-chain of human fibrin.

Neurospora tyrosinase: molecular weight, copper content and spectral properties.

Nuclear stains with soluble metachrome metal mordant dye lakes. The effect of chemical endgroup blocking reactions and the artificial introduction of acid groups into tissues.

Catalase activates cerebral guanylate cyclase in the presence of sodium azide.

CYTOTOXIC EFFECTS OF THE HERBICIDE 3-AMINO-1,2,4-TRIAZOLE ON DAPHNIA PULEX (CRUSTACEA:CLADOCERA).

Isolation and initial characterization of glial fibrillary acidic protein from chicken, turtle, frog and fish central nervous systems.

Use of preformed cell aggregates and layers to measure tissue-specific differences in intercellular adhesion.

[Absorption, distribution, excretion and metabolism of a basic ether compound (R97) with antispasmodic activity].

The effect of catecholamines on the influx of calcium and the development of tension in denervated mouse diaphragm muscle.

Exocytosis in secretory cells of rat lacrimal gland. Peroxidase release from lobules and isolated cells upon cholinergic stimulation.

Properties of the guanylate cyclase-guanosine 3':5'-monophosphate system of rat renal cortex. Activation of guanylate cyclase and calcium-independent modulation of tissue guanosine 3':5'-monophosphate by sodium azide.

Factors influencing the insulin space in cerebral cortex slices from adult and 7-day-old rats.

Gastrointestinal effects of acute ferrous sulfate poisoning in rats.

[Increase of brain serotonin and its metabolite in rats caused by meclofenoxate].

Cytochemical localization of endogenous peroxidase activity in renal medullary collecting tubules and papillary mucosa of the rat.

Renal handling of phenol red. II. The mechanism of substituted phenolsulphophthalein (PSP) dye transport in rabbit kidney tubules in vitro.

Synthesis of some 1, 8- and 2, 8-disubstituted derivatives of adenosine cyclic 3', 5'-phosphate and their interaction with some enzymes of cAMP metabolism.

Transport of organic cations and anions by choroid plexus.

Afferent neural pathway in the regulation of cardiopulmonary responses to tissue hypermetabolism.

Binding of human fibroblast interferon to concanavalin A-agarose. Involvement of carbohydrate recognition and hydrophobic interaction.

Purification, characterization, and partial amino acid sequence of nerve growth factor from cobra venom.

Second antibody chemically linked to cellulose for the separation of bound and free hormone: an improvement over soluble second antibody in gonadotrophin radioimmunoassay.

Regional transport of phenylalanine across the blood-brain barrier.

Nephrotoxicity of paraquat in mice.

Aplastic anaemia after exposure to a weed killer, 2-methyl-4-chlorophenoxyacetic acid.

Proceedings: Experimental lung disease : effects of general anaesthesia.

Experimental myopathies and muscular dystrophy. Studies in the formal pathogenesis of the myopathy of 2,4-dichlorophenoxyacetate.

Two populations of granular vesicles in constricted post-ganglionic sympathetic nerves.

Tritiated methylmercury in the brain of squirrel monkeys.

Reduced beta-adrenergic responsiveness in hypothyroid rats.

Fatal self-administration of sodium azide.

[Methyl bromide poisoning. 3 cases, 1 fatal. Neuropathological study of one case of coma with myoclonus followed for 5 years].

Decreased 6-mercaptopurine retention by two resistant variants of mouse neuroblastoma with normal hypoxanthine-guanine-phospho-ribosyltransferase activities.

Methyl iodide intoxication. A case report.

A chemosterilized antigen-extracted autodigested alloimplant for bone banks.

Identification of a viral protein involved in post-translational maturation of the encephalomyocarditis virus capsid precursor.

Allergic encephalomyelitis. Isolation of an encephalitogenic peptide active in the monkey.

Determination of position of substitution on 2-acetamido-2-deoxy-D-galactosyl residues in glycolipids.

Toxic effects of 2,3,7,8 tetrachlorodibenzo 1,4 dioxin in laboratory workers.

Effect of beta adrenergic blockade on surviving to acute hypoxia in mice.

Drug-induced dyskinesia in monkeys.

Experimental studies on cholera immunization. 4. The antibody response to formalinized *Vibrio cholerae* and purified endotoxin with special reference to protective capacity.

Oxidation of succinate in heart, brain, and kidney mitochondria in hypobaria and hypoxia.

Antigen-induced inhibition of experimental allergic encephalomyelitis. III. Localization of an inhibitory site distinct from the major encephalitogenic determinant of myelin basic protein.

Antigenic determinants of bovine myelin encephalitogenic protein recognized by rabbit antibody to myelin encephalitogenic protein.

Partial amino-acid sequence of NAD-specific glutamate dehydrogenase of *Neurospora crassa*.

Respiratory properties of rat liver mitochondria immobilized on an alkylsilylated glass surface.

Chemical synthesis of N beta-oxalyl-L-alpha, beta-diaminopropionic acid and optical specificity in its neurotoxic action.

Loss of alpha-bungarotoxin from junctional and extrajunctional acetylcholine receptors in rat diaphragm muscle in vivo and in organ culture.

Activation of guanylate cyclase from rat liver and other tissues by sodium azide.

Increases in cyclic GMP levels in brain and liver with sodium azide an activator of guanylate cyclase.

Respiratory effects of H⁺ and dinitrophenol injections into the brain stem subarachnoid space of fetal lambs.

Amino acid sequence of a presynaptic neurotoxin from the venom of *Notechis scutatus scutatus* (Australian tiger snake).

Long chain base and fatty acid compositions of equine kidney sphingolipids.

Nicotinamide adenine dinucleotide phosphate-specific glutamate dehydrogenase of *Neurospora*. III. Inactivation by nitration of a tyrosine residue involved in coenzyme binding.

Specific suppression of the antibody response in vitro by serum from paralyzed mice.

The transport of gentamicin in the choroid plexus and cerebrospinal fluid.

Bovine adrenal medullary chromogranin A: studies on the structure and further evidence for identity with dopamine-beta-hydroxylase subunit.

The influence of sodium on calcium fluxes in pinched-off nerve terminals in vitro.

Nicotinamide adenine dinucleotide phosphate-specific glutamate dehydrogenase of *Neurospora*.

Fractionation and characterization of surface antigens from group A *Neisseria meningitidis*.

Acetylcholine receptor turnover in membranes of developing muscle fibers.

Influence of the ionic composition of the medium on the sensitivity of fertilized sea urchin ova to neuropharmacological preparations.

Lymphocyte subpopulations. Human red blood cell rosettes.

Regulation of phospholipid metabolism in differentiating cells from rat brain cerebral hemispheres in culture. I. Uptake and phosphorylation of [U-14C]ethanolamine and the effect of various inhibitors.

Glial fibrillary acidic protein from normal and gliosed human brain. Demonstration of multiple related polypeptides.

Induction and suppression of hepatic and extrahepatic microsomal foreign-compound-metabolizing enzyme systems by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Adenosine triphosphate dependent calcium uptake by subcellular fractions from bovine neurohypophyses.

Brain concentration of propranolol in relation to hypotensive effect in the rabbit with observations on brain propranolol levels in man.

Effect of polycations and polyanions on behavior of sheep red blood cell rosettes of human lymphocytes.

Electrolyte- and fluid-spaces of rat brain in situ after infusion with dinitrophenol.

[Accumulation of p-aminohippuric acid and cyclopentiazide in renal cortex slices from rats of various ages and their dependence on the energy supply].

Influence of chlorzazine and thiopental on the accumulation of iodine-131 in the thyroid gland of white rats.

Stereochemical preferences for curarimimetic neuromuscular junction blockade II. enantiomeric bisquaternary amines as probes.

[Syndrome of ophthalmological manifestations caused by a generalized intoxication with defoliant and herbicides].

[Amide preparations with herbicidal activity. Experimental findings concerning the acute oral toxicity of propachlor (ramrod)].

Proceedings: The pattern of breathing in the rat.

[Study of the effect of the butyl ester of 2,4,5-T herbicide on the progency of experimental animals].

Cross-pathway regulation: histidine-mediated control of histidine, tryptophan, and arginine biosynthetic enzymes in *Neurospora crassa*.

Dose-dependent sympathomimetic and cardioinhibitory effects of acrolein and formaldehyde in the anesthetized rat.

Purification and properties of the nitrate reductase isolated from *Neurospora crassa* mutant nit-3. Kinetics, molecular weight determination, and cytochrome involvement.

[Intensity of the transamination from aspartate to alpha-ketoglutarate in rat tissues under the influence of 2-methyl-4-chlorophenoxy-gamma-butyric acid].

Metabolism of the herbicide methazole (2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione) in rats.

The effects of hypothyroidism and 2,4-dinitrophenol on growth hormone synthesis.

Electroencephalography during acute poisoning by methyl bromide.

Studies on the species-variability of experimental allergic encephalomyelitis in guinea pigs and rats.

Rhythmic potassium flux in albizzia: effect of aminophylline, cations, and inhibitors of respiration and protein synthesis.

Metabolic and ionic requirements for the axoplasmic transport of dopamine beta-hydroxylase.

Subunit structure of rabbit brain aldolase.

On facilitation of transmitter release at the toad neuromuscular junction.

Activation of dinitrophenol-induced adenosine triphosphatase in rat brain mitochondria by aflatoxin B1.

Uptake of nitrite by *Neurospora crassa*.

Nitrate transport system in *Neurospora crassa*.

The sensitivity of *Helix aspersa* neurones to injected calcium ions.

Table 2A-3 – Titles of Pubmed Records Related to Cancer Adverse Events Following Herbicide Exposure

ADENOMA; *ASTROCYTOMA*; *BLASTOMA*; *CANCER*; *CARCINO*; *HODGKIN*; *HYPERPLASIA*; *LEUKAEMIA*; *LEUKEMIA*; *LYMPHOMA*; *MALIGNAN*; *MELANOMA*; *METASTA*; *NEOPLAS*; *SARCOMA*; *TUMOR*; *TUMOUR* (9596)

Polyoxyethylene tallow amine and glyphosate exert different developmental toxicities on human pluripotent stem cells-derived heart organoid model.

Integrated analysis of ceRNA-miRNA changes in paraquat-induced pulmonary epithelial-mesenchymal transition via high-throughput sequencing.

Effects of atrazine and curcumin exposure on TCMK-1 cells: Oxidative damage, pyroptosis and cell cycle arrest.

Targeted upregulation of dMyc restricts JNK-mediated degeneration of dopaminergic neurons in the paraquat-induced Parkinson's disease model of *Drosophila*.

Pelargonidin alleviates acrolein-induced inflammation in human umbilical vein endothelial cells by reducing COX-2 expression through the NF- κ B pathway.

Association between urinary glyphosate levels and hand grip strength in a representative sample of US adults: NHANES 2013-2014.

Acrolein suppresses anticancer drug-induced toxicity mediated by activating claudin-1 and Nrf2 axis in a spheroid model of human lung squamous cell carcinoma cells.

Amentoflavone mediated hepatoprotection to counteract paraquat instigated hepatotoxicity via modulating Nrf2/keap1 pathway: A biochemical, inflammatory, apoptotic and histopathological study.

Recent technologies for glyphosate removal from aqueous environment: A critical review.

Re: exposure to phenoxyacetic acids and glyphosate as risk factors for non-Hodgkin lymphoma.

Diuron and its metabolites induce mitochondrial dysfunction-mediated cytotoxicity in urothelial cells.

Ferulic acid grafted into β -cyclodextrin nanosponges ameliorates Paraquat-induced human MRC-5 fibroblast injury.

Cinnamaldehyde attenuates TNF- α induced skeletal muscle loss in C2C12 myotubes via regulation of protein synthesis, proteolysis, oxidative stress and inflammation.

A trinuclear Zn (II) schiff base dicyanamide complex attenuates bacterial biofilm formation by ROS generation and membrane damage and exhibits anticancer activity.

Survival in Agent Orange exposed and unexposed Vietnam-era veterans who were diagnosed with lymphoid malignancies.

Synthesis, Characterization, Antioxidant, and Anticancer Activity against Colon Cancer Cells of Some Cinnamaldehyde-Based Chalcone Derivatives.

An Updated Evaluation of Atrazine-Cancer Incidence Associations among Pesticide Applicators in the Agricultural Health Study Cohort.

Elucidating the mechanisms underlying astrocyte-microglia crosstalk in hippocampal neuroinflammation induced by acute diquat exposure.

Amphibian-derived peptide RL-RF10 ameliorates paraquat-induced pulmonary fibrosis injury.

Synthesis, characterization, and cytotoxic effects of new copper complexes using Schiff-base derivatives from natural sources.

Insights on cyclophosphamide metabolism and anticancer mechanism of action: A computational study.

Perioperative exposure to volatile organic compounds in neonates undergoing cardiac surgery.

Spatial distribution and ecological-health risks associated with herbicides in soils and crop kernels of the black soil region in China.

Proteomic insight towards key modulating proteins regulated by the aryl hydrocarbon receptor involved in ovarian carcinogenesis and chemoresistance.

Risk of papillary thyroid carcinoma and nodular goiter associated with exposure to semi-volatile organic compounds: A multi-pollutant assessment based on machine learning algorithms.

Volatilomic signatures of different strains of *Helicobacter pylori*.

Nitrogen vacancy-rich carbon nitride anchored with iron atoms for efficient redox dyshomeostasis under ultrasound actuation.

Arsenic-induced IGF-1 signaling impairment and neurite shortening: The protective roles of IGF-1 through the PI3K/Akt axis.

Baicalin and lung diseases.

Determination of breast cancer biomarkers with poly acrylic acid/ MIL-88(Fe)-NH₂ hydrogel as a coating for stir bar sorptive extraction.

The association between polychlorinated dibenzo-p-dioxin exposure and cancer mortality in the general population: a cohort study.

Agricultural exposure and risk of ovarian cancer in the AGRiculture and CANcer (AGRICAN) cohort.

Self-heating mitochondrion-induced free radical blast for immunogenic cell death stimulation and HCC immunotherapy.

Characterizing the cumulative health risks of 19 kinds of pesticides in Chinese food from the cancer and non-cancer perspective.

Risk factors for childhood brain tumours: A systematic review and meta-analysis of observational studies from 1976 to 2022.

Investigation of the activity of a novel tropolone in osteosarcoma.

Differential Formation of Stress Granules in Radiosensitive and Radioresistant Head and Neck Squamous Cell Carcinoma Cells.

Canadians' knowledge of cancer risk factors and belief in cancer myths.

Luteolin Is a Potential Immunomodulating Natural Compound against Pulpal Inflammation.

Transgenerational Transmission of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Effects in Human Granulosa Cells: The Role of MicroRNAs.

Dioxin(-like)-Related Biological Effects through Integrated Chemical-wide and Metabolome-wide Analyses.

Association between cumulative airborne dioxin exposure and non-Hodgkin's lymphoma risk in a nested case-control study within the French E3N cohort.

Local Regrowth and the Risk of Distant Metastases Among Patients Undergoing Watch-and-Wait for Rectal Cancer: What Is the Best Control Group? Multicenter Retrospective Study.

Potential AhR-independent mechanisms of 2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibition of human glioblastoma A172 cells migration.

Exposure to polycyclic aromatic hydrocarbons, volatile organic compounds, and tobacco-specific nitrosamines and incidence of esophageal cancer.

An Update on the Formation in Tobacco, Toxicity, and Carcinogenicity of N'-Nitrosornicotine and 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and kynurenine induce Parkin expression in neuroblastoma cells through different signaling pathways mediated by the aryl hydrocarbon receptor.

Metallic radionuclide-labeled tetrameric 2,6-diisopropylphenyl azides for cancer treatment.

(Non)targeted Chemical Analysis and Risk Assessment of Organic Contaminants in Darkibor Kale Grown at Rural and Urban Farms.

Urinary and household chemical exposures in pet dogs with urothelial cell carcinoma.

Curative effects of tectochrysin on paraquat-instigated testicular toxicity in rats: A biochemical and histopathological based study.

Pesticide use and inflammatory bowel disease in licensed pesticide applicators and spouses in the Agricultural Health Study.

Pesticide residues in drinking water treatment plants and human health risk assessment: a case study from Northern Iran.

Exposure to pesticides and risk of colorectal cancer: A systematic review and meta-analysis.

Differential eigengene network analysis reveals benzo[a]pyrene and 2,3,7,8-tetrachlorodibenzo-p-dioxin consensus regulatory network in human liver cell line HepG2.

Phenolic compounds in water: Review of occurrence, risk, and retention by membrane technology.

Identification and functional prediction of long non-coding RNAs related to oxidative stress in the jejunum of piglets.

Concentration and non-dietary human health risk assessment of pesticide residues in soil of farms in Golestan province, Iran.

Influence of triazines and lipopolysaccharide coexposure on inflammatory response and histopathological changes in the testis and liver of BalB/c mice.

Aldo-keto reductase 1B10 as a Carcinogenic but Not a Prognostic Factor in Colorectal Cancer.

Establishment and Characterization of Amitrole-Induced Mouse Thyroid Adenomatous Nodule-Derived Cell Lines.

Boric Acid and Borax Protect Human Lymphocytes from Oxidative Stress and Genotoxicity Induced by 3-Monochloropropane-1,2-diol.

Differential Modulatory Effects of Methylmercury (MeHg) on Ahr-regulated Genes in Extrahepatic Tissues of C57BL/6 Mice.

Aluminum Montmorillonite/Polyaniline Hybrid Composite-Based Organogels for the Expurgation of Carcinogenic Chlorophenols and Congo Red Dye from Defiled Water Sources.

Zingerone attenuates sciatic nerve damage caused by sodium arsenite by inhibiting NF- κ B, caspase-3, and ATF-6/CHOP pathways and activating the Akt2/FOXO1 pathway.

Association between urinary arsenic concentration and genetic polymorphisms in Korean adults.

Building a highly efficient *Streptomyces* super-chassis for secondary metabolite production by reprogramming naturally-evolved multifaceted shifts.

Transcriptome analysis reveal the effect of freshwater sediments containing 2,3,7,8-tetrachlorodibenzo-p-dioxin on the *Macrobrachium rosenbergii* hepatopancreas, intestine, and muscle.

Concentration and sources of persistent organic pollutants within the vicinity of a scrap-iron smelting plant: Seasonal pattern and health risk assessment.

Ifosfamide-induced nephrotoxicity in oncological patients.

Persistent Neutrophil Infiltration and Unique Ocular Surface Microbiome Typify Dupilumab-Associated Conjunctivitis in Patients with Atopic Dermatitis.

Emission characteristics, environmental impact, and health risk assessment of volatile organic compounds (VOCs) during manicure processes.

2-Methoxyestradiol ameliorates paraquat-induced pulmonary fibrosis by inhibiting the TGF- β 1/Smad2/3 signaling pathway.

Association of glyphosate exposure with multiple adverse outcomes and potential mediators.

Health effects of herbicides and its current removal strategies.

Impact of Agent Orange Exposure on Non-muscle Invasive Bladder Cancer Outcomes.

Glyphosate in the environment: interactions and fate in complex soil and water settings, and (phyto) remediation strategies.

Ecotoxicology of the herbicide paraquat: effects on wildlife and knowledge gaps.

Effects of glyphosate, mancozeb and their combinations on mouse neuroblastoma cells.

The mechanism of acrolein exposure inhibited the release of neutrophil extracellular traps: By reducing respiratory burst and Raf/MEK/ERK pathway and promote cell apoptosis.

GLYPHOSATE IMPACT on human health and the environment: Sustainable alternatives to replace it in Mexico.

Exposure to pesticides and risk of Hodgkin lymphoma in an international consortium of agricultural cohorts (AGRICOH).

Effects of L-theanine on intestinal morphology, barrier function, and MAPK signaling pathways in diquat-challenged piglets.

Mitochondrial and Proteasome Dysfunction Occurs in the Hearts of Mice Treated with Triazine Herbicide Prometryn.

Groundwater constituents and the incidence of kidney cancer.

Effect of sublethal concentrations of glyphosate-based herbicides (Roundup Active®) on skin of the tropical frog (*Dendropsophus molitor*).

Astaxanthin ameliorates dopaminergic neuron damage in paraquat-induced SH-SY5Y cells and mouse models of Parkinson's disease.

Mapping the key characteristics of carcinogens for glyphosate and its formulations: A systematic review.

A comparative review and computational assessment of acetochlor toxicity in fish: A novel endocrine disruptor?

Occurrence and exposure assessment of glyphosate in the environment and its impact on human beings.

Dimethylarsinic acid induces bladder carcinogenesis via the amphiregulin pathway.

Mammary gland development in male rats perinatally exposed to propiconazole, glyphosate, or their mixture.

Transient Receptor Potential Ankyrin 1 (TRPA1) Channel Mediates Acrolein Cytotoxicity in Human Lung Cancer Cells.

Immunotoxicity of relevant mixtures of pesticides and metabolites on THP-1 cells.

Selected herbicides screened for toxicity and analysed as inhibitors of both cholinesterases.

Spatiotemporal variations of 2,4-dichlorophenoxy acetic acid with the role of sugarcane industry and related human health risk assessments in the Shadegan International Wetland.

Exposure to Agent Orange and Risk of Bladder Cancer Among US Veterans.

Glyphosate induces autophagy in hepatic L824 cell line through NO-mediated activation of RAS/RAF/MEK/ERK signaling pathway and energy metabolism disorders.

Human health ambient water quality criteria and risk assessment of pentachlorophenol in Poyang Lake Basin, China.

[Glyphosate and human health].

Looking beyond Cancer: Glyphosate and Liver, Metabolic Diseases in Youth.

Xylopiya aethiopica suppresses markers of oxidative stress, inflammation, and cell death in the brain of Wistar rats exposed to glyphosate.

Exposure to phenoxyacetic acids and glyphosate as risk factors for non-Hodgkin lymphoma- pooled analysis of three Swedish case-control studies including the sub-type hairy cell leukemia.

Degradation of four pesticides in five urban landscape soils: human and environmental health risk assessment.

Comparison of transcriptome alterations induced by pendimethalin or its commercial formulation Stomp Aqua in human MCF-7, MCF-10A and MCF-12A mammary epithelial cells.

Glyphosate exposure and urinary oxidative stress biomarkers in the Agricultural Health Study.

Human 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure and thyroid cancer risk.

A novel mechanism of Dimethyl ester of Alpha-ketoglutarate in suppressing Paraquat-induced BEAS-2B cell injury by alleviating GSDME dependent pyroptosis.

Complex mixtures of pesticides and metabolites modulate the malignant phenotype of murine melanoma B16-F1 cells.

Perinatal exposure to high concentration glyphosate-based herbicides induces intestinal apoptosis by activating endoplasmic reticulum stress in offspring.

Atrazine promotes breast cancer development by suppressing immune function and upregulating MMP expression.

Molecular mechanisms of atrazine toxicity on H19-7 hippocampal neurons revealed by integrated miRNA and mRNA "omics".

The Tobacco Smoke Component, Acrolein, as a Major Culprit in Lung Diseases and Respiratory Cancers: Molecular Mechanisms of Acrolein Cytotoxic Activity.

Glyphosate Toxicity: In Vivo, In Vitro, and Epidemiological Evidence.

Maternal exposure to a glyphosate-based herbicide impairs placental development through endoplasmic reticulum stress in mice.

Effects of dietary supplementation with chlorogenic acid on growth performance, antioxidant capacity, and hepatic inflammation in broiler chickens subjected to diquat-induced oxidative stress.

Atrazine modifies markers of melanocyte maturation and apoptosis in primary skin cultures.

Human health risks and hepatotoxicity associated with exposure to atrazine surveyed in drinking water from Ijebu-North, Southwest, Nigeria.

Single-cell transcriptome analysis reveals liver injury induced by glyphosate in mice.

Pentachlorophenol causes redox imbalance, inhibition of brush border membrane and metabolic enzymes, DNA damage and histological alterations in rat kidney.

Alterations in cell viability, reactive oxygen species production, and modulation of gene expression involved in mitogen-activated protein kinase/extracellular regulating kinase signaling pathway by glyphosate and its commercial formulation in hepatocellular carcinoma cells.

Glyphosate mimics 17 β -estradiol effects promoting estrogen receptor alpha activity in breast cancer cells.

In vitro study of glyphosate effects on thyroid cells.

Variability, determinants, and associations with oxidative stress biomarkers of pentachlorophenol among Chinese pregnant women: A longitudinal study.

Effect of zinc supplementation on immunotoxicity induced by subchronic oral exposure to glyphosate-based herbicide (GOBARA®) in Wistar rats.

Suppressor of cytokine signaling 3-derived peptide as a therapeutic for inflammatory and oxidative stress-induced damage to the retina.

Structure-based discovery of pyrazole-benzothiadiazole hybrid as human HPPD inhibitors.

Exposure to Agent Orange and Hepatocellular Carcinoma Among US Military Personnel.

Subchronic feeding study of glyphosate-tolerant maize GG2 with the gr79-epsps and gat genes in Wistar Han RCC rats.

Glyphosate-induced glioblastoma cell proliferation: Unraveling the interplay of oxidative, inflammatory, proliferative, and survival signaling pathways.

Metabolomics analyses of cancer tissue from patients with colorectal cancer.

Evaluating the Anti-Melanoma Effects and Toxicity of Cinnamaldehyde Analogues.

Study on the therapeutic effect of glucocorticoids on acute kidney injury in rats exposed to diquat.

Acrolein produced by glioma cells under hypoxia inhibits neutrophil AKT activity and suppresses anti-tumoral activities.

Computational biology and in vitro studies for anticipating cancer-related molecular targets of sweet wormwood (*Artemisia annua*).

Activatable Semiconducting Polymer Nanoinducers Amplify Oxidative Damage via Sono-Ferroptosis for Synergistic Therapy of Bone Metastasis.

Liquid Chromatography-Mass Spectrometry Screening of Cyclophosphamide DNA Damage In Vitro and in Patients Undergoing Chemotherapy Treatment.

The contribution of initial concussive forces and resulting acrolein surge to β -amyloid accumulation and functional alterations in neuronal networks using a TBI-on-a-chip model.

Predicting the relationship between pesticide genotoxicity and breast cancer risk in South Indian women in in vitro and in vivo experiments.

Diet as a Source of Acrolein: Molecular Basis of Aldehyde Biological Activity in Diabetes and Digestive System Diseases.

Snake venom nerve growth factor-inspired designing of novel peptide therapeutics for the prevention of paraquat-induced apoptosis, neurodegeneration, and alteration of metabolic pathway genes in the rat pheochromocytoma PC-12 cell.

[Effect of pirfenidone on paraquat-induced pulmonary fibrosis in rats].

Quantitation by Liquid Chromatography-Nanoelectrospray Ionization-High-Resolution Tandem Mass Spectrometry of Multiple DNA Adducts Related to Cigarette Smoking in Oral Cells in the Shanghai Cohort Study.

Glyphosate in house dust and risk of childhood acute lymphoblastic leukemia in California.

Sodium arsenite and dimethylarsenic acid induces apoptosis in OC3 oral cavity cancer cells.

Identifying unusual human exposures to pesticides: Qilu Lake Basin as an overlooked source.

Organotin and organochlorine toxicants activate key translational regulatory proteins in human immune cells.

Small-Molecule Cyanamide Pan-TEAD^Δ-YAP1 Covalent Antagonists.

Arsenic exposure and prevalence of human papillomavirus in the US male population.

Target-Site and Metabolic Resistance Mechanisms to Penoxsulam in Late Watergrass (*Echinochloa phyllopogon*) in China.

Carbonyl-trapping by phenolics and the inhibition of the formation of carcinogenic heterocyclic aromatic amines with the structure of aminoimidazoazaarene in beef patties.

Human health risk assessment based on direct and indirect exposure to endocrine disrupting herbicides in drinking, ground, and surface water in Croatia.

Comparison of urinary mercapturic acid excretions in users of various tobacco/nicotine products.

Determination of Pentachlorophenol in Seafood Samples from Zhejiang Province Using Pass-Through SPE-UPLC-MS/MS: Occurrence and Human Dietary Exposure Risk.

Calf thymus ds-DNA intercalation with pendimethalin herbicide at the surface of ZIF-8/Co/rGO/C(3)N(4)/ds-DNA/SPCE; A bio-sensing approach for pendimethalin quantification confirmed by molecular docking study.

Ion chromatography for the analysis of glyphosate and its selected metabolites. A review.

Increased Levels of the Acrolein Metabolite 3-Hydroxypropyl Mercapturic Acid in the Urine of e-Cigarette Users.

Occupational health risks of VOCs emitted from the working face of municipal solid waste landfill: Temporal variation and influencing factors.

Glyphosate and Aminomethylphosphonic Acid (AMPA) Modulate Glutathione S-Transferase in Non-Tumorigenic Prostate Cells.

Urinary pentachlorophenol in general population of central China: reproducibility, predictors, and associations with oxidative stress biomarkers.

Probabilistic risk assessment of dietary exposure to pentachlorophenol in Guangzhou, China.

Exposure of children to glyphosate in Morocco: Urinary levels and predictors of exposure.

Chaenomeles sinensis polysaccharide and its carboxymethylated derivative alleviate dextran sulfate sodium-induced ulcerative colitis via suppression of inflammation and oxidative stress.

Occurrence and Health Risks of Organic Micropollutants in Tap Water in Dalian.

Static Magnetic Field Reduces Intracellular ROS Levels and Protects Cells Against Peroxide-Induced Damage: Suggested Roles for Catalase.

Quantitative Integration of Mode of Action Information in Dose-Response Modeling and POD Estimation for Nonmutagenic Carcinogens: A Case Study of TCDD.

Nephroprotective effect of diosmin against sodium arsenite-induced renal toxicity is mediated via attenuation of oxidative stress and inflammation in mice.

Kynurenine attenuates mitochondrial depolarization and neuronal cell death induced by rotenone exposure independently of AhR-mediated parkin induction in SH-SY5Y differentiated cells.

Association of urinary arsenic, polycyclic aromatic hydrocarbons, and metals with cancers among the female population in the US.

Metformin alleviates sodium arsenite-induced hepatotoxicity and glucose intolerance in mice by suppressing oxidative stress, inflammation, and apoptosis.

Pesticides as a potential independent childhood leukemia risk factor and as a potential confounder for electromagnetic fields exposure.

Metformin and Trehalose-Modulated Autophagy Exerts a Neurotherapeutic Effect on Parkinson's Disease.

Copper-Loaded Nanoheterojunction Enables Superb Orthotopic Osteosarcoma Therapy via Oxidative Stress and Cell Cuproptosis.

Occupational exposure to pesticides and endometrial cancer in the Screenwide case-control study.

Agricultural exposures and risk of childhood neuroblastoma: a systematic review and meta-analysis.

Can a 12-gene expression signature predict the cell transforming potential of tumor promoting agents in Bhas 42 cells?

Effects of Remimazolam on Intracellular Calcium Dynamics in Myotubes Derived from Patients with Malignant Hyperthermia and Functional Analysis of Type 1 Ryanodine Receptor Gene Variants.

A Novel Quinazoline Derivative Prevents and Treats Arsenic-Induced Liver Injury by Regulating the Expression of RecQ Family Helicase.

Effect of Long-Term Low-Dose Arsenic Exposure on DNA Methylation and Gene Expression in Human Liver Cells.

Comparing the enantioselective toxicity on cell cycle and apoptosis of DL-glufosinate and L-glufosinate to SH-SY5Y cells.

A 90-day feeding study of genetically modified maize LP007-1 in wistar han RCC rats.

Exposure to bromoxynil octanoate herbicide induces oxidative stress, inflammation, and apoptosis in testicular tissue via modulating NF- κ B pathway.

The effects of environmental aryl hydrocarbon receptor ligands on signaling and cell metabolism in cancer.

Female-to-male differential transcription patterns of miRNA-mRNA networks in the livers of dioxin-exposed mice.

Resveratrol and 3,3'-Diindolylmethane Differentially Regulate Aryl Hydrocarbon Receptor and Estrogen Receptor Alpha Activity through Multiple Transcriptomic Targets in MCF-7 Human Breast Cancer Cells.

Deciphering the metabolic profile and anti-colorectal cancer mechanism of Capilliposide A using ultra performance liquid chromatography mass spectrometry combined with non-targeted metabolomics studies.

Synthesis and Preclinical Evaluation of [Methylpiperazine-(11)C]brigatinib as a PET Tracer Targeting Both Mutated Epidermal Growth Factor Receptor and Anaplastic Lymphoma Kinase.

Homo- and heterometallic complexes of Zn(II), {Zn(II)Au(I)}, and {Zn(II)Ag(I)} with pentadentate Schiff base ligands as promising anticancer agents.

Distribution, bioaccumulation, and health risk assessment of organochlorines across the riverine ecosystem of Punjab Province, Pakistan.

Persistent organic pollutants promote aggressiveness in prostate cancer.

High quality diet attenuated the positive association between polychlorinated biphenyls and premature mortality among middle-aged and older adults.

Exposome epidemiology for suspect environmental chemical exposures during pregnancy linked to subsequent breast cancer diagnosis.

Arsenic trioxide (ATO) up-regulates cytochrome P450 1A (CYP1A) enzymes in murine hepatoma Hepa-1c1c7 cell line.

Systematic review and meta-analysis of breast cancer risks in relation to 2,3,7,8-tetrachlorodibenzo-p-dioxin and per- and polyfluoroalkyl substances.

Hepatoprotective and anti-hyperglycemic effects of ferulic acid in arsenic-exposed mice.

Targeting Colon Cancer Cells with Pyrazino-Imidazolinone Derivatives: Synthesis, Molecular Docking, and in Vitro Evaluation of Anti-Proliferative and Pro-Apoptotic Activities.

Arsenic reduces the GATA3 expression associated with an increase in proliferation and migration of mammary epithelial cell line MCF-10A.

Biomolecular phase separation in stress granule assembly and virus infection.

Exposure to p-dichlorobenzene and prevalent endocrine-related reproductive cancers among US women.

Resveratrol ameliorates ortho- polychlorinated biphenyls' induced toxicity in ovary cells.

Torsemide increases arsenic concentrations by inhibition of multidrug resistance protein 4 in arsenic trioxide treated acute promyelocytic leukemia patients.

Exposure to phenols, chlorophenol pesticides, phthalate and PAHs and mortality risk: A prospective study based on 6 rounds of NHANES.

Borax regulates iron chaperone- and autophagy-mediated ferroptosis pathway in glioblastoma cells.

Diosmin exerts hepatoprotective and antihyperglycemic effects against sodium arsenite-induced toxicity through the modulation of oxidative stress and inflammation in mice.

Durvillaea antarctica: A Seaweed for Enhancing Immune and Cardiometabolic Health and Gut Microbiota Composition Modulation.

Possible Effects of Uremic Toxins p-Cresol, Indoxyl Sulfate, p-Cresyl Sulfate on the Development and Progression of Colon Cancer in Patients with Chronic Renal Failure.

Changes in metabolic landscapes shape divergent but distinct mutational signatures and cytotoxic consequences of redox stress.

Removal of iodine by dry adsorbents in filtered containment venting system after 10th years of Fukushima accident.

An active new formulation of iron carried by aspartyl casein for iron-deficiency anemia: results of the ACCESS trial.

Environmentally Mediated Health Disparities.

Stress Granules Inhibit Coxsackievirus B3-Mediated Cell Death via Reduction of Mitochondrial Reactive Oxygen Species and Viral Extracellular Release.

Corn-Based Fluorescent Light-Up Biosensors with Improved Signal-to-Background Ratio for Label-Free Detection of Long Noncoding RNAs.

The effect of *Alnus incana* (L.) Moench extracts in ameliorating iron overload-induced hepatotoxicity in male albino rats.

Citicoline ameliorates arsenic-induced hepatotoxicity and diabetes in mice by overexpression of VAMP2, PPAR- δ , As3MT, and SIRT3.

Modeling historic environmental pollutant exposures and non-Hodgkin lymphoma risk.

Long-term reproductive effects in male rats prenatally exposed to sodium arsenite.

CHST2-mediated sulfation of MECA79 antigens is critical for breast cancer cell migration and metastasis.

The direct catalytic synthesis of ultrasmall Cu(2)O-coordinated carbon nitrides on ceria for multimodal antitumor therapy.

Malathion alters the transcription of target genes of the tumour suppressor tp53 and cancerous processes in *Colossoma macropomum*: Mechanisms of DNA damage response, oxidative stress and apoptosis.

Residential proximity to dioxin emissions and risk of breast cancer in the sister study cohort.

Endocrine-disrupting chemicals (EDCs) and cancer: new perspectives on an old relationship.

NOX1 is essential for TNF α -induced intestinal epithelial ROS secretion and inhibits M cell signatures.

Disruption of mitochondrial function augments the radiosensitivity of prostate cancer cell lines.

Electrochemical and Optical Sensors for the Detection of Chemical Carcinogens Causing Leukemia.

Exposure to nonanoic acid alters small intestinal neuroendocrine tumor phenotype.

Impact of Plastic-Related Compounds on P-Glycoprotein and Breast Cancer Resistance Protein In Vitro.

A novel non-invasive colorectal cancer diagnostic method: Volatile organic compounds as biomarkers.

Ifosfamide - History, efficacy, toxicity and encephalopathy.

Identification of key genes in hepatocellular carcinoma associated with exposure to TCDD and β -endosulfan by WGCNA.

The capsaicinoid nonivamide suppresses the inflammatory response and attenuates the progression of steatosis in a NAFLD-rat model.

Neighborhood Deprivation, Indoor Chemical Concentrations, and Spatial Risk for Childhood Leukemia.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces liver lipid metabolism disorder via the ROS/AMPK/CD36 signaling pathway.

Targeting BRD4 and PI3K signaling pathways for the treatment of medulloblastoma.

Mechanistic insights on the possible protective role of polyphenols extracted from Tamarix aphylla aerial parts against sodium arsenite-induced hepatotoxicity in rats.

Arsenic compounds activate MAPK and inhibit Akt pathways to induce apoptosis in MA-10 mouse Leydig tumor cells.

Development of chitosan/halloysite/graphitic carbon nitride nanovehicle for targeted delivery of quercetin to enhance its limitation in cancer therapy: An in vitro cytotoxicity against MCF-7 cells.

Supplementation with sesame oil suppresses genotoxicity, hepatotoxicity and enterotoxicity induced by sodium arsenite in rats.

Cytotoxic Effects of Darinaparsin, a Novel Organic Arsenical, against Human Leukemia Cells.

Prion Protein Overexpression in Adipose-Derived Mesenchymal Stem Cells (ADMSCs) Effectively Protected Rodent Kidney Against Ischemia-Reperfusion Injury Via Enhancing ATP/Mitochondrial Biogenesis-Role of ADMSC Rejuvenation and Proliferation.

Paternal occupational exposures and infant congenital heart defects in the Japan Environment and Children's Study.

The Aryl Hydrocarbon Receptor Ligand 6-Formylindolo(3,2-b)carbazole Promotes Estrogen Receptor Alpha and c-Fos Protein Degradation and Inhibits MCF-7 Cell Proliferation and Migration.

Alpha-lipoic acid inhibits sodium arsenite-mediated autophagic death of rat insulinoma cells.

In vitro and in vivo assessments of the genotoxic potential of 3-chloroallyl alcohol.

Temporal decline of sperm concentration: role of endocrine disruptors.

Betaine protects against sodium arsenite-induced diabetes and hepatotoxicity in mice.

Antioxidant Vitamins Attenuate Glyphosate-Induced Development of Type-2 Diabetes Through the Activation of Glycogen Synthase Kinase-3 β and Forkhead Box Protein O-1 in the Liver of Adult Male Rats.

Lipid peroxidation: Reactive carbonyl species, protein/DNA adducts, and signaling switches in oxidative stress and cancer.

On the Tunability of Toxicity for Viologen-Derivatives as Anolyte for Neutral Aqueous Organic Redox Flow Batteries.

Dysregulation of immunity by cigarette smoking promotes inflammation and cancer: A review.

Differential Effects of Paraquat, Rotenone, and MPTP on Cellular Bioenergetics of Undifferentiated and Differentiated Human Neuroblastoma Cells.

Analysis of gasoline-related pollutant exposures and risks in California between 1996 and 2014.

MiR-96-5p Suppresses Progression of Arsenite-Induced Human Keratinocyte Proliferation and Malignant Transformation by Targeting Denticleless E3 Ubiquitin Protein Ligase Homolog.

Acute oral poisoning due to pretilachlor herbicide - a rare case report from Nepal.

Uroprotective Potential of Campesterol in Cyclophosphamide Induced Interstitial Cystitis; Molecular Docking Studies.

Epidemiologic studies of glyphosate and non-Hodgkin's lymphoma: A review with consideration of exposure frequency, systemic dose, and study quality.

ALS gene overexpression and enhanced metabolism conferring *Digitaria sanguinalis* resistance to nicosulfuron in China.

Analysis of mitochondrial DNA copy number variation in Brazilian farmers occupationally exposed to pesticides.

Exposure to the aryl hydrocarbon receptor agonist dioxin disrupts formation of the muscle, nerves, and vasculature in the developing jaw.

Caffeic acid recarbonization: A green chemistry, sustainable carbon nano material platform to intervene in neurodegeneration induced by emerging contaminants.

Suppressed Histone H3 Lysine 18 Acetylation Is Involved in Arsenic-Induced Liver Fibrosis in Rats by Triggering the Dedifferentiation of Liver Sinusoidal Endothelial Cells.

Discussion to AATS 2023: Exposure to Agent Orange is associated with increased recurrence after surgical treatment of stage I non-small cell lung cancer.

Resveratrol Attenuates 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Mediated Induction of Myeloid-Derived Suppressor Cells (MDSC) and Their Functions.

DNA Methylation Aberrations in Dimethylarsinic Acid-Induced Bladder Carcinogenesis.

Epidemiology and etiology of diffuse large B-cell lymphoma.

Nilotinib alleviates paraquat-induced hepatic and pulmonary injury in rats via the Nrf2/Nf-kB axis.

A Review on the Role of Phytoconstituents Chrysin on the Protective Effect on Liver and Kidney.

Reductive stress induced by NRF2/G6PD through glucose metabolic reprogramming promotes malignant transformation in Arsenite-exposed human keratinocytes.

Occurrence, spatiotemporal distribution patterns, partitioning and risk assessments of multiple pesticide residues in typical estuarine water environments in eastern China.

Toxicity assessment and DNA repair kinetics in HEK293 cells exposed to environmentally relevant concentrations of Glyphosate (Roundup® Control Max).

Ferroptosis contributes to cyclophosphamide-induced hemorrhagic cystitis.

Dynamic relationship between the aryl hydrocarbon receptor and long noncoding RNA balances cellular and toxicological responses.

Biliverdin as a disease-modifying agent: An integrated viewpoint.

Priority screening of contaminants of emerging concern in drinking water sources of eastern China: Assessing risks based on exposure-activity ratios (EARs).

[Research on Occupational Poisoning and Biological Monitoring].

Carcinogenic and non-carcinogenic health risk assessment of organic compounds and heavy metals in electronic cigarettes.

Fate, detection technologies and toxicity of heterocyclic PAHs in the aquatic and soil environments.

Enrichment of carcinogen-driven "mitochondria-primed" human skin stem cells and their identification using single-cell analyses.

Stable Isotope Dilution Analysis (SIDA) to Determine Metabolites of Furan and 2-Methylfuran in Human Urine Samples: A Pilot Study.

Exposure to Agent Orange is associated with increased recurrence after surgical treatment of stage I non-small cell lung cancer.

Effects of Biological Nitrogen Metabolism on Glufosinate-Susceptible and -Resistant Goosegrass (*Eleusine indica* L.).

Exposure to arsenic, polycyclic aromatic hydrocarbons, metals, and association with skin cancers in the US adults.

Personal exposure to aldehydes and potential health risks among schoolchildren in the city.

Uro-protective role of chrysin against cyclophosphamide-induced hemorrhagic cystitis in rats involving the turning-off NF- κ B/P38-MAPK, NO/PARP-1 and STAT-3 signaling cascades.

Carcinogen sodium arsenite disrupts antioxidant and redox homeostasis in *Drosophila melanogaster*.

Cytochrome P450s-Involved Enhanced Metabolism Contributes to the High Level of Nicosulfuron Resistance in *Digitaria sanguinalis* from China.

Metformin Overcomes the Consequences of NKX3.1 Loss to Suppress Prostate Cancer Progression.

Risk assessment of sediment PAH, BTEX, and emerging contaminants in Chanomi Creek Niger Delta, Nigeria.

Predictors of Testicular Cancer Mortality in Brazil: A 20-Year Ecological Study.

Roles of DNA Target in Cancer Cell-Selective Cytotoxicity by Dicopper Complexes with DNA Target/Ligand Conjugates.

Therapeutic efficacy of (211)At-radiolabeled 2,6-diisopropylphenyl azide in mouse models of human lung cancer.

Updating "Dataset of transcriptomic changes that occur in human preadipocytes over a 3-day course of exposure to 3,3',4,4',5-Pentachlorobiphenyl (PCB126)" with additional data on exposure to 2,2',5,5'-tetrachlorobiphenyl (PCB52) or its 4-hydroxy metabolite (4-OH-PCB52).

Occurrence and carcinogenic potential of airborne PBDD/Fs and PCDD/Fs around a large-scale municipal solid waste incinerator: A long-term passive air sampling study.

Ambient Volatile Organic Compound Characterization, Source Apportionment, and Risk Assessment in Three Megacities of China in 2019.

Synthesis of an Adaptable Molecular Barrel and Guest Mediated Stabilization of Its Metastable Higher Homologue.

Rapid Detection of Volatile Organic Metabolites in Urine by High-Pressure Photoionization Mass Spectrometry for Breast Cancer Screening: A Pilot Study.

Agent Orange Causes Metabolic Dysfunction and Molecular Pathology Reminiscent of Alzheimer's Disease.

Spatial characteristics, sources and exposure risk of polychlorinated biphenyls in dusts and soils from an urban environment in the Niger Delta of Nigeria.

Exploring breast tissue microbial composition and the association with breast cancer risk factors.

The regulation of TRPA1 expression and function by Th1 and Th2-type inflammation in human A549 lung epithelial cells.

Pollution and risk assessment of phenolic compounds in drinking water sources from South-Western Nigeria.

Levels, enrichment characteristics and dietary intake risk of polychlorinated dibenzo-p-dioxin/furans in traditional smoked pork.

Exposure to low-dose arsenic caused teratogenicity and upregulation of proinflammatory cytokines in zebrafish embryos.

Secondary Metabolites with Herbicidal and Antifungal Activities from Marine-Derived Fungus *Alternaria iridialustralis*.

Exposome Epidemiology for Suspect Environmental Chemical Exposures during Pregnancy Linked to Subsequent Breast Cancer Diagnosis.

Agent Orange exposure and prostate cancer risk in the Million Veteran Program.

Herbicides in Water Sources: Communicating Potential Risks to the Population of Mangaung Metropolitan Municipality, South Africa.

Atrazine Toxicity: The Possible Role of Natural Products for Effective Treatment.

Residues of carcinogenic pesticides in food: a systematic review.

Novel 2-alkythio-4-chloro-N-[imino(heteroaryl)methyl]benzenesulfonamide Derivatives: Synthesis, Molecular Structure, Anticancer Activity and Metabolic Stability.

Analysis of polychlorinated biphenyls (PCBs) in dairy products by modified QuEChERS/GC-QqQ-MS/MS method: A risk assessment study.

A review on the green synthesis of nanoparticles, their biological applications, and photocatalytic efficiency against environmental toxins.

In-situ synchrotron imaging, experimental, and computational investigations on the efficiency of *Trametes versicolor* laccase on detoxification of P-Cresyl Sulfate (PCS) Protein Bound Uremic Toxin (PBUT).

Human exposure to pesticides and thyroid cancer: a worldwide systematic review of the literatures.

Arsenite-induced cytotoxicity is regulated by poly-ADP ribose polymerase 1 activation and parthanatos in p53-deficient H1299 cells: The roles of autophagy and p53.

The herbicide glyphosate inhibits hippocampal long-term potentiation and learning through activation of pro-inflammatory signaling.

Aggregation, Cytotoxicity and DNA Binding in a Series of Calix[4]arene Amphiphile Containing Aminotriazole Groups.

LV(V)O-Ethyl Maltol-Based Metallodrugs (L(2-) = Tridentate ONO Ligands): Hydrophobicity, Hydrolytic Stability, and Cytotoxicity via ROS-Mediated Apoptosis.

Exposure and Risk Assessment to Airborne dl-PCBs and Dioxins in the Population Living in the Neighborhood of a Cement Plant: A Pilot Study in the Valencian Region of Spain.

Pesticide use in banana plantations in Costa Rica - A review of environmental and human exposure, effects and potential risks.

Endometriosis: Update of Pathophysiology, (Epi) Genetic and Environmental Involvement.

Improving VOC control strategies in industrial parks based on emission behavior, environmental effects, and health risks: A case study through atmospheric measurement and emission inventory.

Neuroprotective properties of borax against aluminum hydroxide-induced neurotoxicity: Possible role of Nrf-2/BDNF/AChE pathways in fish brain.

Associations between residential volatile organic compound exposures and liver injury markers: The role of biological sex and race.

Availability of aldo-keto reductase 1C3 and ATP-binding cassette B1 as therapeutic targets for alleviating paclitaxel resistance in breast cancer MCF7 cells.

Influence of puff topographies on e-liquid heating temperature, emission characteristics and modeled lung deposition of Puff Bar(̂,̂).

Chemical characterization of combustion engine exhaust and assessment of helicopter deck operator occupational exposures on an offshore frigate class ship.

Protective effects of *Acetobacter ghanensis* against gliadin toxicity in intestinal epithelial cells with immunoregulatory and gluten-digestive properties.

Effects of p-cresol, a uremic toxin, on cancer cells.

Chorioallantoic membrane assay revealed the role of TIPARP (2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible poly (ADP-ribose) polymerase) in lung adenocarcinoma-induced angiogenesis.

Organochlorine pesticides and polycyclic aromatic hydrocarbons in serum of Beijing population: Exposure and health risk assessment.

Contaminant characterization at pesticide production sites in the Yangtze River Delta: Residue, distribution, and environmental risk.

Emission characteristics, risk assessment and scale effective control of VOCs from automobile repair industry in Beijing.

Effects of the Vitamin D3 on Alleviating the Oxidative Stress Induced by Diquat in Wenchang Chickens.

LC-MS/MS Based Volatile Organic Compound Biomarkers Analysis for Early Detection of Lung Cancer.

Effects of Sodium Arsenite on the Myocardial Differentiation in Mouse Embryonic Bodies.

Overview of Adductomics in Toxicology.

Mercury and methylmercury differentially modulate hepatic cytochrome P450 1A1 and 1A2 in vivo and in vitro.

Mulberry leaf extract improves intestinal barrier function and displays beneficial effects on colonic microbiota and microbial metabolism in weaned piglets.

Cancer risk in Vietnam war veterans from the Korean Vietnam war veterans' health study cohort.

Protection of Mitochondrial Potential and Activity by Oxypropylated Phenylpropanoids.

Enhanced Glycolysis Confers Resistance Against Photon but Not Carbon Ion Irradiation in Human Glioma Cell Lines.

Rhamnazin ameliorates 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin-evoked testicular toxicity by restoring biochemical, spermatogenic and histological profile in male albino rats.

Evaluation of the cytotoxicity and genotoxicity of glufosinate-ammonium at technical and commercial grades in HepG2 cells.

Mutual promotion of mitochondrial fission and oxidative stress contributes to mitochondrial-DNA-mediated inflammation and epithelial-mesenchymal transition in paraquat-induced pulmonary fibrosis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces multigenerational alterations in the expression of microRNA in the thymus through epigenetic modifications.

Assessment of exposure to volatile organic compounds through urinary concentrations of their metabolites in pet dogs and cats from the United States.

Glyphosate disturbs various epigenetic processes in vitro and in vivo - A mini review.

Tannic acid through ROS/TNF- α /TNFR 1 antagonizes atrazine induced apoptosis, programmed necrosis and immune dysfunction of grass carp hepatocytes.

Herbicide use in farming and other jobs in relation to non-Hodgkin's lymphoma (NHL) risk.

Response to "A Review and Update with Perspective of Evidence that the Herbicide Glyphosate (Roundup) is a Cause of Non-Hodgkin Lymphoma".

Anxiety-related behavior and associated brain transcriptome and epigenome alterations in adult female zebrafish exposed to atrazine during embryogenesis.

Exposure to the environmentally toxic pesticide maneb induces Parkinson's disease-like neurotoxicity in mice: A combined proteomic and metabolomic analysis.

Glyphosate differentially affects the allergic immune response across generations in mice.

Effects of Subtoxic Concentrations of Atrazine, Cypermethrin, and Vinclozolin on microRNA-Mediated PI3K/Akt/mTOR Signaling in SH-SY5Y Cells.

A Human Biomonitoring Study Assessing Glyphosate and Aminomethylphosphonic Acid (AMPA) Exposures among Farm and Non-Farm Families.

Perinatal exposure to a glyphosate pesticide formulation induces offspring liver damage.

Effects of glyphosate and glyphosate-based herbicides like Roundup[®] on the mammalian nervous system: A review.

Identification of differentially expressed genes and pathways in diquat and paraquat poisoning using bioinformatics analysis.

Acrolein Increases the Pulmonary Tumorigenic Activity of the Tobacco-Specific Nitrosamine 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK).

Effects of endocrine active contaminating pesticides on RACK1 expression and immunological consequences in THP-1 cells.

Apigenin and apigenin-7, 4'-O-dioctanoate protect against acrolein-aggravated inflammation via inhibiting the activation of NLRP3 inflammasome and HMGB1/MYD88/NF- κ B signaling pathway in Human umbilical vein endothelial cells (HUVEC).

The surfactant co-formulant POEA in the glyphosate-based herbicide RangerPro but not glyphosate alone causes necrosis in Caco-2 and HepG2 human cell lines and ER stress in the ToxTracker assay.

Molecular signatures associated with diuron exposure on rat urothelial mitochondria.

Molecularly imprinted core-shell Au nanoparticles for 2,4-dichlorophenoxyacetic acid detection in milk using surface-enhanced Raman spectroscopy.

Digestive tract toxicity associated with exposure to 2,4-dichlorophenoxyacetic acid in rats.

Cross-sectional and longitudinal associations of acrolein exposure with pulmonary function alteration: Assessing the potential roles of oxidative DNA damage, inflammation, and pulmonary epithelium injury in a general adult population.

Pentachlorophenol mediated regulation of DAMPs and inflammation: In vitro study.

Verbascoside inhibits paraquat-induced pulmonary toxicity via modulating oxidative stress, inflammation, apoptosis and DNA damage in A549 cell.

Thyroid Cancer and Pesticide Use in a Central California Agricultural Area: A Case Control Study.

Citric Acid-Derived Carbon Quantum Dots Attenuate Paraquat-Induced Neuronal Compromise In Vitro and In Vivo.

Dimethylated Thioarsenates: A Potentially Dangerous Blind Spot in Current Worldwide Regulatory Limits for Arsenic in Rice.

Time-resolved proteome and transcriptome of paraquat-induced pulmonary fibrosis.

Curcumin improves the protective effects of quercetin against atrazine-induced testicular injury in adult Wistar rats.

Alternation between toxic and proliferative effects of Roundup® on human thyroid cells at different concentrations.

The DCMU Herbicide Shapes T-cell Functions By Modulating Micro-RNA Expression Profiles.

Glyphosate infiltrates the brain and increases pro-inflammatory cytokine TNF α : implications for neurodegenerative disorders.

Glyphosate-based herbicide causes spermatogenesis disorder and spermatozoa damage of the Chinese mitten crab (*Eriocheir sinensis*) by affecting testes characteristic enzymes, antioxidant capacities and inducing apoptosis.

The study of human serum metabolome on the health effects of glyphosate and early warning of potential damage.

Agent Orange and dioxin-induced myeloid leukemia: a weaponized vehicle of leukemogenesis.

Pterocarpus mildbraedii leaf extract ebbs propanil-induced oxidative and apoptotic damage in the liver of rats.

Pesticides and farmers' health: an analysis of variables related to management and property.

Increased acrolein-DNA adducts in buccal brushings of e-cigarette users.

Gelatin-derived carbon quantum dots mitigate herbicide-induced neurotoxic effects in vitro and in vivo.

Paraquat-induced oxidative stress regulates N⁶-methyladenosine (m⁶A) modification of long noncoding RNAs in Neuro-2a cells.

miRNAs: A potentially valuable tool in pesticide toxicology assessment-current experimental and epidemiological data review.

2,4-dichlorophenoxyacetic acid induces ROS activation in NLRP3 inflammatory body-induced autophagy disorder in microglia and the protective effect of *Lycium barbarum* polysaccharide.

Integrating network pharmacology and in vitro model to investigate hippocampal neurotoxicity induced by atrazine.

Environmental pesticide exposure and non-Hodgkin lymphoma survival: a population-based study.

Comparison of the Toxicological Effects of Pesticides in Non-Tumorigenic MCF-12A and Tumorigenic MCF-7 Human Breast Cells.

Histopathological, Immunohistochemical, And Molecular Alterations In Brain Tissue And Submandibular Salivary Gland Of Atrazine-Induced Toxicity In Male Rats.

Aqueous *Thunbergia laurifolia* leaf extract alleviates paraquat-induced lung injury in rats by inhibiting oxidative stress and inflammation.

Protective effect of dexamethasone against paraquat-triggered toxicity in A549 cells through inhibiting inflammation, apoptosis and TGF- β 1/Smad3 pathway.

Resveratrol exhibits neuroprotection against paraquat-induced PC12 cells via heme oxygenase 1 upregulation by decreasing MiR-136-5p expression.

Apiaceous vegetables protect against acrolein-induced pulmonary injuries through modulating hepatic detoxification and inflammation in C57BL/6 male mice.

Health risk assessment of exposure to atrazine in the soil of Shiraz farmlands, Iran.

Toxicity of the herbicides used on herbicide-tolerant crops, and societal consequences of their use in France.

Comparative Toxicogenomics of Glyphosate and Roundup Herbicides by Mammalian Stem Cell-Based Genotoxicity Assays and Molecular Profiling in Sprague-Dawley Rats.

Cardiotoxicity of cyclophosphamide's metabolites: an in vitro metabolomics approach in AC16 human cardiomyocytes.

Pre-conceptional and prenatal exposure to pesticides and pediatric neuroblastoma. A meta-analysis of nine studies.

Benchmark dose and the adverse effects of exposure to pendimethalin at low dose in female rats.

Prolonged atrazine exposure beginning in utero and adult uterine morphology in mice.

Exposure to pesticides and pediatric Wilms' tumor. A meta-analysis on pre-conception and pregnancy parental exposure with an IARC/WHO commentary.

Analysis of serum levels of organochlorine pesticides and related factors in Parkinson's disease.

Disruption of developmental programming with long-term consequences after exposure to a glyphosate-based herbicide in a rat model.

The potential risks of herbicide butachlor to immunotoxicity via induction of autophagy and apoptosis in the spleen.

Urinary glyphosate concentration in pregnant women in relation to length of gestation.

Characterization and Quantification of Acrolein-Induced Modifications in Hemoglobin by Mass Spectrometry—Effect of Cigarette Smoking.

Inorganic arsenic induces MDM2, p53, and their phosphorylation and affects the MDM2/p53 complex in vitro.

[Glyphosate detection in the duodenal fluid of horses with gastric ulcer syndrome].

Microcystin-LR in Primary Liver Cancers: An Overview.

Lung Cancer in the French West Indies: Role of Sugarcane Work and Other Occupational Exposures.

Quantitation of DNA Adducts Resulting from Acrolein Exposure and Lipid Peroxidation in Oral Cells of Cigarette Smokers from Three Racial/Ethnic Groups with Differing Risks for Lung Cancer.

DNA Damage and Oxidative Stress of Tobacco Smoke Condensate in Human Bladder Epithelial Cells.

Cinnamaldehyde-based poly(thioacetal): A ROS-awakened self-amplifying degradable polymer for enhanced cancer immunotherapy.

Novel anti-arthritic mechanisms of trans-cinnamaldehyde against complete Freund's adjuvant-induced arthritis in mice: involvement of NF- κ B/TNF- α and IL-6/IL-23/IL-17 pathways in the immunoinflammatory responses.

Arsenic exposure and respiratory outcomes during childhood in the INMA study.

Toxic effects of glyphosate on the intestine, liver, brain of carp and on epithelioma papulosum cyprinid cells: Evidence from in vivo and in vitro research.

A triphenylphosphine coordinated cinnamaldehyde-derived copper(I) Fenton-like agent with mitochondrial aggregation damage for chemodynamic therapy.

FARGO-360: a multi-disciplinary survey of practice and perspectives on provision of care for patients with frailty presenting with gynecological cancers in the UK and Ireland.

Widespread pesticide contamination of drinking water and impact on cancer risk in Brazil.

Cinnamaldehyde Mitigates Atherosclerosis Induced by High-Fat Diet via Modulation of Hyperlipidemia, Oxidative Stress, and Inflammation.

Cinnamaldehyde decreases the invasion and u-PA expression of osteosarcoma by down-regulating the FAK signalling pathway.

Evaluation of cinnamaldehyde mucoadhesive patches on minor recurrent aphthous stomatitis: a randomized, double-blind, placebo-controlled clinical trial.

The Antitumor Effect of Cinnamaldehyde Derivative CB-PIC in Hepatocellular Carcinoma Cells via Inhibition of Pyruvate and STAT3 Signaling.

Cigarette Smoke Containing Acrolein Contributes to Cisplatin Resistance in Human Bladder Cancers through the Regulation of HER2 Pathway or FGFR3 Pathway.

The Cooked Meat Carcinogen 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine Hair Dosimeter, DNA Adductomics Discovery, and Associations with Prostate Cancer Pathology Biomarkers.

Acrolein inhalation acutely affects the regulation of mitochondrial metabolism in rat lung.

Cinnamaldehyde induces autophagy-mediated cell death through ER stress and epigenetic modification in gastric cancer cells.

Cinnamaldehyde Downregulation of Sept9 Inhibits Glioma Progression through Suppressing Hif-1 α via the Pi3k/Akt Signaling Pathway.

Trans-cinnamaldehyde suppresses microtubule detyrosination and alleviates cardiac hypertrophy.

Association of urinary arsenic and sleep disorder in the US population: NHANES 2015-2016.

Anticancer Effects of Cinnamaldehyde Through Inhibition of ErbB2/HSF1/LDHA Pathway in 5637 Cell Line of Bladder Cancer.

Atrazine pollution in groundwater and raw bovine milk: Water quality, bioaccumulation and human risk assessment.

A reactive oxygen species-replenishing coordination polymer nanomedicine disrupts redox homeostasis and induces concurrent apoptosis-ferroptosis for combinational cancer therapy.

Peripheral tissular analysis of rapamycin's effect as a neuroprotective agent in vivo.

[Effects of arsenic and its main metabolites on A549 cell apoptosis and the expression of pro-apoptotic genes Bad and Bik].

Investigating the Metabolic Mesosulfuron-Methyl Resistance in *Aegilops tauschii* Coss. By Transcriptome Sequencing Combined with the Reference Genome.

NRF2 activation by 2-methoxycinnamaldehyde attenuates inflammatory responses in macrophages via enhancing autophagy flux.

Acid-Responsive Micelles Releasing Cinnamaldehyde Enhance RSL3-Induced Ferroptosis in Tumor Cells.

The effects of aerobic exercise training with octopamine supplementation on cardiomyocyte apoptosis induced by deep-frying oil: The role of caspase and procaspase 3.

Firefighters' urinary concentrations of VOC metabolites after controlled-residential and training fire responses.

Temporal trend and cross-sectional characterization of urinary concentrations of glyphosate in Japanese children from 2006 to 2015.

Association of Glyphosate Exposure with Blood DNA Methylation in a Cross-Sectional Study of Postmenopausal Women.

Comparison of modes of action between fish, cell and mitochondrial toxicity based on toxicity correlation, excess toxicity and QSAR for class-based compounds.

Comprehending the Role of Endocrine Disruptors in Inducing Epigenetic Toxicity.

Behavioral, histopathological, and biochemical evaluations on the effects of cinnamaldehyde, naloxone, and their combination in morphine-induced cerebellar toxicity.

Design, Synthesis and Antiproliferative Evaluation of Bis-Indole Derivatives with a Phenyl Linker: Focus on Autophagy.

Impact of mixtures of persistent organic pollutants on breast cancer aggressiveness.

Promising hepatoprotective effects of lycopene in different liver diseases.

Evaluation of the mode of action and human relevance of liver tumors in male mice treated with epyrifenacil.

Functional analysis of RYR1 variants in patients with confirmed susceptibility to malignant hyperthermia.

The oxidative stress, mitochondrial pathway apoptosis, and the antagonistic effects of chrysophanol in SH-SY5Y cells via DTPP-induced photodynamic therapy.

Boron attenuated diethylnitrosamine induced hepatocellular carcinoma in C3H/HeN mice via alteration of oxidative stress and apoptotic pathway.

BDE-209 and TCDD enhance metastatic characteristics of melanoma cells after chronic exposure.

A cell-based evaluation of human tyrosinase-mediated metabolic activation of leukoderma-inducing phenolic compounds.

Potential for TCDD to induce regulatory functions in B cells as part of the mechanism for T cell suppression in EAE.

Inorganic arsenic exposure-induced premature senescence and senescence-associated secretory phenotype (SASP) in human hepatic stellate cells.

Occupational exposure to pesticides in mothers and fathers and risk of cancer in the offspring: A register-based case-control study from Sweden (1960-2015).

2,4-Dinitrophenol as an Uncoupler Augments the Anthracyclines Toxicity against Prostate Cancer Cells.

Extended Conjugation Tuning Carbon Nitride for Non-sacrificial H₂ O₂ Photosynthesis and Hypoxic Tumor Therapy.

Preparation and inhibitory effect of salicin dimethyl ether in Laryngeal cancer cells through the apoptosis activation.

The AHR target gene scinderin activates the WNT pathway by facilitating the nuclear translocation of β -catenin.

A NIR-II light-modulated injectable self-healing hydrogel for synergistic photothermal/chemodynamic/chemo-therapy of melanoma and wound healing promotion.

LC-MS metabolomics of urine reveals distinct profiles for non-muscle-invasive and muscle-invasive bladder cancer.

An ultrasensitive hairpin sensor based on g-C(3)N(4) nanocomposite for the detection of miRNA-155 in breast cancer patient serum.

Histopathological and immunohistochemical evaluation for detecting changes in blood hormone levels caused by endocrine disruptors in a 28-day repeated-dose study in rats.

The Autism Spectrum Disorder-Associated Bacterial Metabolite p-Cresol Derails the Neuroimmune Response of Microglial Cells Partially via Reduction of ADAM17 and ADAM10.

Synbiotics, prebiotics and probiotics for solid organ transplant recipients.

Fabrication of a new SPME fiber based on Polyacrylic acid/ MIL-88(Fe)-NH₂ composite as a self-healing coating for the analysis of breast cancer biomarkers in the urine sample.

Mass Spectrometric Quantitation of N'-Nitrosornicotine-1N-oxide in the Urine of Cigarette Smokers and Smokeless Tobacco Users.

Correlation of inflammatory biomarkers with the diversity of Bacteroidaceae, Bifidobacteriaceae, Prevotellaceae and Lactobacillaceae families in the intestinal microbiota of patients with end stage renal disease.

The SH-SY5Y human neuroblastoma cell line, a relevant in vitro cell model for investigating neurotoxicology in human: Focus on organic pollutants.

Arsenic induces bronchial epithelial carcinogenesis with mitochondrial dysfunction through AKAP95-mediated cell cycle alterations.

Long-term effects of defoliant exposure on brain atrophy progression in humans.

M1-linked ubiquitination facilitates NF- κ B activation and survival during sterile inflammation.

Antibody-dependent cellular phagocytosis of tropomyosin receptor kinase C (TrkC) expressing cancer cells for targeted immunotherapy.

Selective removal of radioactive iodine from water using reusable Fe@Pt adsorbents.

A Comprehensive Transcriptomic Analysis of Arsenic-Induced Bladder Carcinogenesis.

Prenatal ambient pesticide exposure and childhood retinoblastoma.

Spatial-temporal distribution, cancer risk, and disease burden attributed to the dietary dioxins exposure of Chinese residents.

Highly water-dispersible PCN nanosheets as light-controlled lysosome self-promoting escape type non-cationic gene carriers for tumor therapy.

The Association between Blood Concentrations of PCDD/DFs, DL-PCBs and the Risk of Type 2 Diabetes Mellitus and Thyroid Cancer in South Korea.

Surface modification of carbon nitride dots by nanoarchitectonics for better drug loading and higher cancer selectivity.

Identification of the shared gene signatures and pathways between polycystic ovary syndrome and endometrial cancer: An omics data based combined approach.

Arsenic Speciation and Metallomics Profiling of Human Toenails as a Biomarker to Assess Prostate Cancer Cases: Atlantic PATH Cohort Study.

Prevalence of type 2 diabetes mellitus in relation to arsenic exposure and metabolism in Mexican women.

Prognostic value of neutrophil to lymphocyte ratio in the diagnosis of neurotoxicity after glufosinate ammonium poisoning.

Quercetin Reduces the Development of 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Induced Cleft Palate in Mice by Suppressing CYP1A1 via the Aryl Hydrocarbon Receptor.

Aryl Hydrocarbon Receptor Promotes Cell Growth, Stemness Like Characteristics, and Metastasis in Human Ovarian Cancer via Activation of PI3K/Akt, β -Catenin, and Epithelial to Mesenchymal Transition Pathways.

Thermogenic T cells: a cell therapy for obesity?

Eyelid malignancies in young individuals: clinical peculiarities.

Sodium arsenite does not affect prostate carcinogenesis in a chemically-hormonally-induced rat model.

Effects of hypericin encapsulated on Pluronic F127 photodynamic therapy against triple negative breast cancer.

Dietary intakes of dioxins and polychlorobiphenyls (PCBs) and breast cancer risk in 9 European countries.

Casein kinase I inhibitor D4476 influences autophagy and apoptosis in chloroquine-induced adult retinal pigment epithelial-19 cells.

Flumioxazin, a PPO inhibitor: A weight-of-evidence consideration of its mode of action as a developmental toxicant in the rat and its relevance to humans.

Curcumin Facilitates Aryl Hydrocarbon Receptor Activation to Ameliorate Inflammatory Astrogliosis.

Rosmarinus officinalis L. Leaf Extracts and Their Metabolites Inhibit the Aryl Hydrocarbon Receptor (AhR) Activation In Vitro and in Human Keratinocytes: Potential Impact on Inflammatory Skin Diseases and Skin Cancer.

Phenoxyaromatic Acid Analogues as Novel Radiotherapy Sensitizers: Design, Synthesis and Biological Evaluation.

Inhibition of neurite outgrowth and enhanced effects compared to baseline toxicity in SH-SY5Y cells.

Flavoring agent dihydrocoumarin alleviates IgE-mediated mast cell activation and allergic inflammation.

Nontoxic Metal-Free Visible Light-Responsive Carbon Nitride Quantum Dots Cause Oxidative Stress and Cancer-Specific Membrane Damage.

Geospatial Assessment of Pesticide Concentration in Ambient Air and Colorectal Cancer Incidence in Arkansas, 2013-2017.

Can probiotics stop oral cancer progression?

Toenail speciation biomarkers in arsenic-related disease: a feasibility study for investigating the association between arsenic exposure and chronic disease.

Emissions of dioxins and dioxin-like compounds and incidence of hepatocellular carcinoma in the United States.

Cancer and occupational exposure to pesticides: a bibliometric study of the past 10 years.

Cold Atmospheric Plasma Apoptotic and Oxidative Effects on MCF7 and HCC1806 Human Breast Cancer Cells.

Acute Dyspnea and Hemoptysis in an 84-Year-Old Man With Multiple Comorbidities.

Arsenic compounds induce apoptosis by activating the MAPK and caspase pathways in FaDu oral squamous carcinoma cells.

Evaluation of novel cathepsin-X inhibitors in vitro and in vivo and their ability to improve cathepsin-B-directed antitumor therapy.

Pretreatment optimization of tissue metabolomics in colorectal cancer.

Gut Microbiome-Dependent Metabolic Pathways and Risk of Lethal Prostate Cancer: Prospective Analysis of a PLCO Cancer Screening Trial Cohort.

Household kindling behaviours and potential health risks of dioxins exposure in rural Northern China.

Sodium arsenite-mediated upregulation of circDHX34 promotes apoptosis in hormone-independent breast cancer cells by regulating apoptotic genes.

The impact of left truncation of exposure in environmental case-control studies: evidence from breast cancer risk associated with airborne dioxin.

Endocrine disrupting chemicals and breast cancer: a systematic review of epidemiological studies.

In Vitro Bioaccessibility and Health Risk Assessment of Arsenic and Zinc Contaminated Soil Stabilized by Ferrous Sulfate: Effect of Different Dietary Components.

Oxidative Damage Induced Telomere Mediated Genomic Instability in Cells from Ataxia Telangiectasia Patients.

Mitochondrial uncoupler DNP induces coexistence of dual-state hyper-energy metabolism leading to tumor growth advantage in human glioma xenografts.

Insights into metabolic and pharmacological profiling of *Aspergillus ficuum* through bioinformatics and experimental techniques.

An insight into embryogenesis interruption by carbon nitride dots: can they be nucleobase analogs?

Leukemic stem cells and advances in hematopoietic stem cell transplantation for acute myeloid leukemia: a narrative review of clinical trials.

Investigation of diverse biosynthetic secondary metabolites gene clusters using genome mining of indigenous *Streptomyces* strains isolated from saline soils in Iran.

Synthesis, characterization, antioxidant potential, and cytotoxicity screening of new Cu(II) complexes with 4-(arylchalcogenyl)-1H-pyrazoles ligands.

Toxic effects of pesticides on cellular and humoral immunity: an overview.

Chemical compositions, antibacterial, antifungal and cytotoxic effects of *Alhagi mannifera* five extracts.

Acetobacter tropicalis bacteraemia in an immunocompromised patient: case report.

Chemical Characteristics and Source-Specific Health Risks of the Volatile Organic Compounds in Urban Nanjing, China.

Protective effects and DNA repair induction of a coumarin-chalcone hybrid against genotoxicity induced by mutagens.

Monitoring Mixture Effects of Neurotoxicants in Surface Water and Wastewater Treatment Plant Effluents with Neurite Outgrowth Inhibition in SH-SY5Y Cells.

Effect of water diuresis with hydrogen saturation on the course of acute kidney damage during the separation of oxidation and phosphorylation.

Evaluating the utility of the Threshold of Toxicological Concern (TTC) and its exclusions in the biocompatibility assessment of extractable chemical substances from medical devices.

Sodium arsenite but not aluminum chloride stimulates ABC transporter activity in renal proximal tubules of killifish (*Fundulus heteroclitus*).

The desmoplastic growth pattern is associated with second-stage completion and longer survival in 2-stage hepatectomy for colorectal cancer liver metastases.

Ethoxyquin is a Competent Radical-Trapping Antioxidant for Preventing Ferroptosis in Doxorubicin Cardiotoxicity.

Ethyl Methane Sulfonate and Sodium Azide-Mediated Chemical and X-ray-Mediated Physical Mutagenesis Positively Regulate Peroxidase 1 Gene Activity and Biosynthesis of Antineoplastic Vinblastine in *Catharanthus roseus*.

Chemical Composition and Cytotoxic Activity of Extracts from *Carpesium divaricatum*: In Vitro- versus Field-Grown Plants.

Occurrence and Risk Assessment of Personal PM_{2.5}-Bound Phthalates Exposure for Adults in Hong Kong.

The potential benefits of dinitrophenol combination with chemotherapy in the treatment of ovarian cancer.

Metabolic reprogramming enables the auxiliary diagnosis of breast cancer by automated breast volume scanner.

The Fallout of Catastrophic Technogenic Emissions of Toxic Gases Can Negatively Affect Covid-19 Clinical Course.

Idiopathic unilateral third nerve palsy with pupillary sparing in 10-year-old child -a case report.

Systematic identification of molecular mechanisms for aryl hydrocarbon receptor mediated neuroblastoma cell migration.

Modulation of DNA Methylation/Demethylation Reactions Induced by Nutraceuticals and Pollutants of Exposome Can Promote a C > T Mutation in the Breast Cancer Predisposing Gene PALB2.

First report on atrazine monitoring in drinking water from Ijebu-North, South-West Nigeria: Human health risk evaluation and reproductive toxicity studies.

Differential Effects of Arsenic in Drinking Water on Mouse Hepatic and Intestinal Heme Oxygenase-1 Expression.

Efficacy of kangfuxin liquid on radiotherapy-induced oral mucositis for patients with head and neck squamous cell carcinoma and its effect on salivary glands and immune function.

Food-Borne Chemical Carcinogens and the Evidence for Human Cancer Risk.

Food-derived bioactive oligopeptide iron complexes ameliorate iron deficiency anemia and offspring development in pregnant rats.

Altered levels of variant cholinesterase transcripts contribute to the imbalanced cholinergic signaling in Alzheimer's and Parkinson's disease.

Down-regulation of hepatic cytochromes P450 1A1 and 1A2 by arsenic trioxide (ATO) in vivo and in vitro: A role of heme oxygenase 1.

Borax relieved the acrylamide-induced hematotoxic, hepatotoxic, immunotoxic and genotoxic damages in rainbow trout by regulating apoptosis and Nrf2 signaling pathway.

Cytotoxic and Apoptotic Effects of the Combination of Borax (Sodium Tetraborate) and 5-Fluorouracil on DLD-1 Human Colorectal Adenocarcinoma Cell Line.

Ammonium tetrathiomolybdate triggers autophagy-dependent NRF2 activation in vascular endothelial cells.

DFT, hirshfeld and molecular docking studies of a hybrid compound - 2,4-Diamino-6-methyl-1,3,5-triazin-1-ium hydrogen oxalate as a promising anti -breast cancer agent.

Health risk assessment of polychlorinated biphenyls (PCBs) in baby clothes. A preliminary study.

Agent Orange Exposure, Transformation From MGUS to Multiple Myeloma, and Outcomes in Veterans.

Oral administration of pentachlorophenol impairs antioxidant system, inhibits enzymes of brush border membrane, causes DNA damage and histological changes in rat intestine.

Biological Assessment of Potential Exposure to Occupational Substances in Current Semiconductor Workers with at Least 5 Years of Employment.

The Effects of Resistant Starch Consumption in Adult Patients With Chronic Kidney Disease: A Systematic Review.

AQP9 (Aquaporin 9) Determines Arsenic Uptake and Tolerance in Human Hepatocellular Carcinoma Cells In Vitro.

Research on the Relationship between Exposure to Dioxins and Cancer Incidence in Vietnam.

Cytomegalovirus-related Cystitis in a Patient with Membranous Glomerulonephritis Receiving Cyclophosphamide: A Case Study.

Disinfection byproducts in chlorinated or brominated swimming pools and spas: Role of brominated DBPs and association with mutagenicity.

Borax exerts protective effect against ferrocene-induced neurotoxicity in *Oncorhynchus mykiss*.

Comparison of "click-to-sense" assay with frozen section analysis using simulated surgical margins in breast cancer patients.

Tocopherol Enhances the Antioxidant Defense System and Histomorphometric Parameters in The Gastrointestinal Tract of Rats Treated with Sodium Arsenite.

In vivo toxicity evaluations of halophenolic disinfection byproducts in drinking water: A multi-omics analysis of toxic mechanisms.

Outcome of the first survey of atrazine in drinking water from Ijebu-North, South-West, Nigeria: Human health risk and neurotoxicological implications.

Oxidative Stress Protection by Canary Seed (*Phalaris canariensis* L.) Peptides in Caco-2 Cells and *Caenorhabditis elegans*.

Magnetic Resonance Imaging of Tumor-Infiltrating Lymphocytes by Anti-CD3-Conjugated Iron Oxide Nanoparticles.

Red propolis reduces inflammation in cyclophosphamide-induced hemorrhagic cystitis in rats.

Spatial distribution, ecological and health risk assessment of organophosphorus pesticides identified in the water of Naseri artificial wetland, Iran.

Effects of 1,3,7-tribromodibenzo-p-dioxin, a natural dioxin on chicken embryos: Comparison with effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Characteristics, influence factors, and health risk assessment of volatile organic compounds through one year of high-resolution measurement at a refinery.

Evaluation of polycyclic aromatic hydrocarbons in silky sharks *Carcharhinus falciformis* collected from Western Indian Ocean and human health risk assessment.

Investigating the Role of Spermidine in a Model System of Alzheimer's Disease Using Correlative Microscopy and Super-resolution Techniques.

Metformin Regulates Alveolar Macrophage Polarization to Protect Against Acute Lung Injury in Rats Caused by Paraquat Poisoning.

Network-Pharmacology-Based Study on Active Phytochemicals and Molecular Mechanism of *Cnidium monnieri* in Treating Hepatocellular Carcinoma.

Novel Imidazole Phenoxyacetic Acids as Inhibitors of USP30 for Neuroprotection Implication via the Ubiquitin-Rho-110 Fluorometric Assay: Design, Synthesis, and In Silico and Biochemical Assays.

Pedunculagin isolated from *Plinia cauliflora* seeds exhibits genotoxic, antigenotoxic and cytotoxic effects in bacteria and human lymphocytes.

Investigation of Relationships Between the Geospatial Distribution of Cancer Incidence and Estimated Pesticide Use in the U.S. West.

Enhanced bioremediation of RDX and Co-Contaminants perchlorate and nitrate using an anaerobic dehalogenating consortium in a fractured rock aquifer.

Health Risk Assessment of Ortho-Toluidine Utilising Human Biomonitoring Data of Workers and the General Population.

Randomized Crossover Trial Evaluating Detoxification of Tobacco Carcinogens by Broccoli Seed and Sprout Extract in Current Smokers.

Kumemycinones A-G, Cytotoxic Angucyclinones from a Deep Sea-Derived Actinomycete of the Genus *Actinomadura*.

The Potential Role of Mitochondrial Acetaldehyde Dehydrogenase 2 in Urological Cancers From the Perspective of Ferroptosis and Cellular Senescence.

Effects of Montelukast on Arsenic-Induced Epithelial-Mesenchymal Transition and the Role of Reactive Oxygen Species Production in Human Bronchial Epithelial Cells.

Agent Orange Reviewed: Potential Role in Peripheral Neuropathy and Neurodegeneration.

Monitoring of level of mean concentration and toxicity equivalence (TEQ) of polychlorinated biphenyls (PCBs) in selected vegetables, beans and grains in Khanewal and Multan, Pakistan.

Potent mutagenicity of an azide, 3-azido-1,2-propanediol, in human TK6 cells.

Kidney and lung injury in rats following acute diquat exposure.

Analysis of human serum and urine for tentative identification of potentially carcinogenic pesticide-associated N-nitroso compounds using high-resolution mass spectrometry.

Dermal Exposure to Hazardous Chemicals in Baby Diapers: A Re-Evaluation of the Quantitative Health Risk Assessment Conducted by The French Agency for Food, Environmental and Occupational Health and Safety (ANSES).

Sodium arsenite accelerates D-galactose-induced aging in the testis of the rat: Evidence for mitochondrial oxidative damage, NF- κ B, JNK, and apoptosis pathways.

Enhancement of cancer-cell-selective cytotoxicity by a dicopper complex with a phenanthrene amide-tether ligand conjugate via mitochondrial apoptosis.

Exposure and Risk Assessment of Second- and Third-Hand Tobacco Smoke Using Urinary Cotinine Levels in South Korea.

Effects of sequential blood purification on the organ function and lethality in patients with paraquat-induced multiple organ dysfunction syndrome.

A Critical Review of Zebrafish Models of Parkinson's Disease.

Genome-wide alteration of histone methylation profiles associated with cognitive changes in response to developmental arsenic exposure in mice.

Heterogeneous nucleation of creases in swelling polymer gels.

Significant Correlations between p-Cresol Sulfate and Mycophenolic Acid Plasma Concentrations in Adult Kidney Transplant Recipients.

Genetic algorithm (GA) - Artificial neural network (ANN) modeling for the emission rates of toxic volatile organic compounds (VOCs) emitted from landfill working surface.

Distinguish oral-source VOCs and control their potential impact on breath biomarkers.

Concentrations and Toxic Implications of Dioxin-Like Polychlorinated Biphenyls in Soil Samples from Electrical Power Stations in Lagos, Nigeria.

Preparation of a Beverage Containing Freeze-Dried Watercress for a Clinical Trial of Carcinogen and Toxicant Detoxification.

Interference of dietary polyphenols with potentially toxic amino acid metabolites derived from the colonic microbiota.

Plant-Derived Molecule 4-Methylumbelliferone Suppresses Fc γ RI-Mediated Mast Cell Activation and Allergic Inflammation.

Toxic arsenic in marketed aquatic products from coastal cities in China: Occurrence, human dietary exposure risk, and coexposure risk with mercury and selenium.

Corrigendum to "TCDD-induced antagonism of MEHP-mediated migration and invasion partly involves aryl hydrocarbon receptor in MCF7 breast cancer cells" [J. Hazard. Mater. 398 (2020) 122869].

Potential neurotoxicity, immunotoxicity, and carcinogenicity induced by metribuzin and tebuconazole exposure in earthworms (*Eisenia fetida*) revealed by transcriptome analysis.

Extranodal Diffuse Large B-Cell Lymphoma of Bone and Soft Tissue Presenting With Marked Lymphedema and Hypercalcemia.

Geospatial Distribution of Age-Adjusted Incidence of the Three Major Types of Pediatric Cancers and Waterborne Agrichemicals in Nebraska.

6-Formylindolo[3,2-b]carbazole, a Potent Ligand for the Aryl Hydrocarbon Receptor Produced Both Endogenously and by Microorganisms, can Either Promote or Restrain Inflammatory Responses.

Arsenite-induced cytotoxicity is regulated by p38-SQSTM1/p62 and JNK-BNIP3L/Nix signaling in lung cancer cells.

Temporal Modulation of Differential Alternative Splicing in HaCaT Human Keratinocyte Cell Line Chronically Exposed to Arsenic for up to 28 Wk.

Ecotoxicological and human health risk assessment of selected pesticides in Kurose River, Higashi-Hiroshima City (Japan).

Health risks of odorous compounds during the whole process of municipal solid waste collection and treatment in China.

Monitoring of pesticides in surface water, pesticides removal efficiency in drinking water treatment plant and potential health risk to consumers using Monte Carlo simulation in Behbahan City, Iran.

Soybean isoflavones protect SH-SY5Y neurons from atrazine-induced toxicity by activating mitophagy through stimulation of the BEX2/BNIP3/NIX pathway.

Effects of Pesticides on Longevity and Bioenergetics in Invertebrates-The Impact of Polyphenolic Metabolites.

Armed conflict, pollution, and health risks: A risk evaluation of three sources of environmental exposure associated with the conflict in Colombia.

Repeated Low-Dose Acrolein Triggers Irreversible Lamina Propria Edema in Urinary Bladder, Transient Voiding Behavior and Widening of Eyes to Mechanical Stimuli.

Chaperon-mediated autophagy can regulate diquat-induced apoptosis by inhibiting α -synuclein accumulation cooperatively with macroautophagy.

Long Noncoding RNA NEAT1 Knockdown Ameliorates 1-Methyl-4-Phenylpyridine-Induced Cell Injury Through MicroRNA-519a-3p/SP1 Axis in Parkinson Disease.

Berberine Attenuates MPP(+)-Induced Neuronal Injury by Regulating LINC00943/miR-142-5p/KPNA4/NF- κ B Pathway in SK-N-SH Cells.

Paraquat-induced oxidative stress regulates N6-methyladenosine (m(6)A) modification of circular RNAs.

Pleiotropic Outcomes of Glyphosate Exposure: From Organ Damage to Effects on Inflammation, Cancer, Reproduction and Development.

Atrazine Inhalation Worsen Pulmonary Fibrosis Regulating the Nuclear Factor-Erythroid 2-Related Factor (Nrf2) Pathways Inducing Brain Comorbidities.

Glyphosate Pollution Treatment and Microbial Degradation Alternatives, a Review.

Thioredoxin-1 mediates neuroprotection of Schisanhenol against MPP(+)-induced apoptosis via suppression of ASK1-P38-NF- κ B pathway in SH-SY5Y cells.

Whole-body bioconcentration and biochemical and morphological responses of gills of the neotropical fish *Prochilodus lineatus* exposed to 2,4-dichlorophenoxyacetic acid or fipronil individually or in a mixture.

Genotoxicity evaluation of 2,4-D, dicamba and glyphosate alone or in combination with cell reporter assays for DNA damage, oxidative stress and unfolded protein response.

Farmers' Knowledge, Attitudes, and Perceptions Regarding Carcinogenic Pesticides in Fez Meknes Region (Morocco).

Paraquat promotes acute lung injury in rats by regulating alveolar macrophage polarization through glycolysis.

Editorial: Glyphosate Herbicide as Endocrine Disruptor and Probable Human Carcinogen: Current Knowledge and Future Direction.

Exposure to glyphosate and tetrachlorvinphos induces cytotoxicity and global DNA methylation in human cells.

Autonomous regulation of inducible nitric oxide synthase and cytochrome P450 2E1-mediated oxidative stress in maneb- and paraquat-treated rat polymorphs.

Negative impacts of microcystin-LR and glyphosate on zebrafish intestine: Linked with gut microbiota and microRNAs?

Activation of Nrf2 by methylene blue is associated with the neuroprotection against MPP(+) induced toxicity via ameliorating oxidative stress and mitochondrial dysfunction.

Neuroprotective Effect of 1,4-Naphthoquinones in an In Vitro Model of Paraquat and 6-OHDA-Induced Neurotoxicity.

Systemic inflammation and oxidative stress induced by inhaled paraquat in rat improved by carvacrol, possible role of PPAR γ receptors.

A Review and Update with Perspective of Evidence that the Herbicide Glyphosate (Roundup) is a Cause of Non-Hodgkin Lymphoma.

Glyphosate use in urban landscape soils: Fate, distribution, and potential human and environmental health risks.

Protective Activity of Aspirin Eugenol Ester on Paraquat-Induced Cell Damage in SH-SY5Y Cells.

Using the Matrix to bridge the epidemiology/risk assessment gap: a case study of 2,4-D.

Whole transcriptome analysis resulted in the identification of Chinese sprangletop (*Leptochloa chinensis*) genes involved in cyhalofop-butyl tolerance.

The Development and Evaluation of Brain and Heart Cell Lines from a Marine Fish for Use in Xenobiotic-Induced Cytotoxicity Testing.

N-acetylcysteine is more effective than ellagic acid in preventing acrolein induced dysfunction in mitochondria isolated from rat liver.

Typical herbicide residues, trophic transfer, bioconcentration, and health risk of marine organisms.

Exposure to glyphosate and risk of non-Hodgkin lymphoma: an updated meta-analysis.

Acrolein contributes to human colorectal tumorigenesis through the activation of RAS-MAPK pathway.

Cytoprotective Activity of p-Terphenyl Polyketides and Flavuside B from Marine-Derived Fungi against Oxidative Stress in Neuro-2a Cells.

Photocatalytic degradation of 2,4-dichlorophenoxyacetic acid from aqueous solutions by Ag(3)PO(4)/TiO(2) nanoparticles under visible light: kinetic and thermodynamic studies.

Ground-glass hepatocellular inclusions are associated with polypharmacy.

Embryonic atrazine exposure and later in life behavioral and brain transcriptomic, epigenetic, and pathological alterations in adult male zebrafish.

Epigenetic Changes Associated With Exposure to Glyphosate-Based Herbicides in Mammals.

Zataria multiflora and Pioglitazone Affect Systemic Inflammation and Oxidative Stress Induced by Inhaled Paraquat in Rats.

Environmental and economic concerns surrounding restrictions on glyphosate use in corn.

Lipoxin A4 protects against paraquat-induced acute lung injury by inhibiting the TLR4/MyD88-mediated activation of the NF κ B and PI3K/AKT pathways.

Glyphosate and the key characteristics of an endocrine disruptor: A review.

Occupational exposure to glyphosate and risk of lymphoma: results of an Italian multicenter case-control study.

[The mechanism of HDAC6 in paraquat-induced autophagy dysfunction of dopaminergic neurons by mediating aggresome-autophagy-lysosomal pathway].

Sea Cucumber-Derived Peptides Alleviate Oxidative Stress in Neuroblastoma Cells and Improve Survival in *C. elegans* Exposed to Neurotoxic Paraquat.

Carcinogenicity and chronic toxicity of acrolein in rats and mice by two-year inhalation study.

In vitro dosimetry analyses for acrolein exposure in normal human lung epithelial cells and human lung cancer cells.

Modulation of BAG3 expression in human normal urothelial cells by Diuron.

Controversies on Endocrine and Reproductive Effects of Glyphosate and Glyphosate-Based Herbicides: A Mini-Review.

Moving-bed biofilm reactor combined with three-dimensional electrochemical pretreatment (MBBR-3DE) for 2,4-D herbicide treatment: application for real wastewater, improvement of biodegradability.

Dietary squalene supplementation alleviates diquat-induced oxidative stress and liver damage of broiler chickens.

SOX21-AS1 modulates neuronal injury of MMP(+)-treated SH-SY5Y cells via targeting miR-7-5p and inhibiting IRS2.

Monitoring of glyphosate-DNA interaction and synergistic genotoxic effect of glyphosate and 2,4-dichlorophenoxyacetic acid using an electrochemical biosensor.

A Phosphonate Natural Product Made by *Pantoea ananatis* is Necessary and Sufficient for the Hallmark Lesions of Onion Center Rot.

Huang Lian Jie Du Tang attenuates paraquat-induced mitophagy in human SH-SY5Y cells: A traditional decoction with a novel therapeutic potential in treating Parkinson's disease.

Hazard assessment using an in-silico toxicity assessment of the transformation products of boscalid, pyraclostrobin, fenbuconazole and glyphosate generated by exposure to an advanced oxidative process.

LncRNA XIST sponges miR-199a-3p to modulate the Sp1/LRRK2 signal pathway to accelerate Parkinson's disease progression.

The agrochemical S-metolachlor disrupts molecular mediators and morphology of the swim bladder: Implications for locomotor activity in zebrafish (*Danio rerio*).

Occupational exposure limits for acetaldehyde, 2-bromopropane, glyphosate, manganese and inorganic manganese compounds, and zinc oxide nanoparticle, and the biological exposure indices for cadmium and cadmium compounds and ethylbenzene, and carcinogenicity, occupational sensitizer, and reproductive toxicant classifications.

Impact of chronic exposure of rainbow trout, *Oncorhynchus mykiss*, to low doses of glyphosate or glyphosate-based herbicides.

Different effects of an N-phenylimide herbicide on heme biosynthesis between human and rat erythroid cells.

Herbicides glyphosate and glufosinate ammonium negatively affect human sperm mitochondria respiration efficiency.

Carcinogenicity of acrolein, crotonaldehyde, and arecoline.

Chitosan microparticles as entrapment system for trans- cinnamaldehyde: Synthesis, drug loading, and in vitro cytotoxicity evaluation.

Using benchmark dose modeling for the quantitative risk assessment: Carbon nanotubes, asbestos, glyphosate.

Inorganic arsenic influences cell apoptosis by regulating the expression of MEG3 gene.

Resveratrol: Isolation, and Its Nanostructured Lipid Carriers, Inhibits Cell Proliferation, Induces Cell Apoptosis in Certain Human Cell Lines Carcinoma and Exerts Protective Effect Against Paraquat-Induced Hepatotoxicity.

Cinnamaldehyde and eugenol protect against LPS-stimulated oxidative stress and inflammation in Raw 264.7 cells.

Study on the Efficacy and Safety of Ambroxol Combined with Methylprednisolone in Patients with Acute Lung Injury.

MSBA-S - A pentacyclic sulfamate as a new option for radiotherapy of human breast cancer cells.

Exposure to 2,4-dichlorophenol, 2,4,6-trichlorophenol, pentachlorophenol and risk of thyroid cancer: a case-control study in China.

Evaluation of prophylactic efficacy of cinnamaldehyde in murine model against *Paradendryphiella arenariae* mycotoxin tenuazonic acid-induced oxidative stress and organ toxicity.

Biofunctional chemistry and reactivity of biogenic acrolein for cancer diagnosis and therapy.

Coniferyl aldehyde alleviates LPS-induced WI-38 cell apoptosis and inflammation injury via JAK2-STAT1 pathway in acute pneumonia.

Cinnamaldehyde inhibits psoriasis-like inflammation by suppressing proliferation and inflammatory response of keratinocytes via inhibition of NF- κ B and JNK signaling pathways.

Neuroprotective Effect of Cinnamaldehyde on Secondary Brain Injury After Traumatic Brain Injury in a Rat Model.

Monomethylated arsenic was the Major methylated arsenic in Red blood cells of acute promyelocytic leukemia patients treated with arsenic trioxide.

Antibiotics and Imiquimod for Cutaneous T-Cell Lymphoma in Veterans: A Patient Population with Agent Orange Exposure.

Hypoxia and pH co-triggered oxidative stress amplifier for tumor therapy.

Celecoxib promotes survival and upregulates the expression of neuroprotective marker genes in two different in vitro models of Parkinson's disease.

ERK Phosphorylation Regulates the Aml1/Runx1 Splice Variants and the TRP Channels Expression during the Differentiation of Glioma Stem Cell Lines.

Molecular Docking Compounds of Cinnamaldehyde Derivatives as Anticancer Agents.

Small molecules baicalein and cinnamaldehyde are potentiators of measles virus-induced breast cancer oncolysis.

Association between pesticide exposure and colorectal cancer risk and incidence: A systematic review.

The Stage at Presentation and Oncologic Outcomes for Agent Orange Exposed and Non-Exposed United States Veterans Diagnosed With Prostate Cancer.

Ferritinophagy-Mediated Ferroptosis Involved in Paraquat-Induced Neurotoxicity of Dopaminergic Neurons: Implication for Neurotoxicity in PD.

Pilot study on the urinary excretion of the glyphosate metabolite aminomethylphosphonic acid and breast cancer risk: The Multiethnic Cohort study.

Protective effect of lutein against acrolein-induced ototoxicity in rats.

Cinnamaldehyde and hesperetin attenuate TNBS-induced ulcerative colitis in rats through modulation of the JAK2/STAT3/SOCS3 pathway.

Application of Acrolein Imines to Organic Synthesis, Biofunctional Studies, and Clinical Practice.

On recent meta-analyses of exposure to glyphosate and risk of non-Hodgkin's lymphoma in humans.

Polyamine biomarkers as indicators of human disease.

Novel FXR agonist nelumal A suppresses colitis and inflammation-related colorectal carcinogenesis.

Construction of sulfur-containing compounds with anti-cancer stem cell activity using thioacrolein derived from garlic based on nature-inspired scaffolds.

Essential Oil-Based Bioherbicides: Human Health Risks Analysis.

Cytotoxic effects on cancerous and non-cancerous cells of trans-cinnamaldehyde, carvacrol, and eugenol.

The Herbicide Atrazine Potentiates Angiotensin II-Induced Aldosterone Synthesis and Release From Adrenal Cells.

Synthesis, optical properties, determination and imaging in living cells and bamboo of cinnamaldehyde derivatives.

The TRPA1 Agonist Cinnamaldehyde Induces the Secretion of HCO₃⁻ by the Porcine Colon.

Estimating Exposure to Three Commonly Used, Potentially Carcinogenic Pesticides (Chlorolathonil, 2,4-D, and Glyphosate) Among Agricultural Workers in Canada.

Rare, Protein-Altering Variants in AS3MT and Arsenic Metabolism Efficiency: A Multi-Population Association Study.

Determination of glyphosate, glufosinate and their major metabolites in urine by the UPLC-MS/MS method applicable to biomonitoring and epidemiological studies.

Anti-Enterococcus Faecalis, Cytotoxicity, Phytotoxicity, and Anticancer Studies on Clausena excavata Burum. f. (Rutaceae) Leaves.

Associations between blood arsenic and urinary arsenic species concentrations as an exposure characterization tool.

Arsenic-induced lung inflammation and fibrosis in a rat model: Contribution of the HMGB1/RAGE, PI3K/AKT, and TGF- β 1/SMAD pathways.

Chrysin attenuates sodium arsenite-induced nephrotoxicity in rats by suppressing oxidative stress and inflammation.

Chemical constituents and medicinal properties of Allium species.

Carbohydrate Sulfation As a Mechanism for Fine-Tuning Siglec Ligands.

Potential role of dietary chitosan nanoparticles against immunosuppression, inflammation, oxidative stress, and histopathological alterations induced by pendimethalin toxicity in Nile tilapia.

Computational studies on bacterial secondary metabolites against breast cancer.

Domestic use of pesticides during early periods of development and risk of testicular germ cell tumors in adulthood: a French nationwide case-control study.

Human prostate epithelial cells and prostate-derived stem cells malignantly transformed in vitro with sodium arsenite show impaired Toll like receptor -3 (TLR3)-associated anti-tumor pathway.

Dinitrophenol-Hyaluronan Conjugates as Multivalent Antibody-Recruiting Glycopolymers for Targeted Cancer Immunotherapy.

Inducing, Collecting, and Storing Ascites.

Promising potential of boron compounds against Glioblastoma: In Vitro antioxidant, anti-inflammatory and anticancer studies.

Dinitrophenol-mediated modulation of an anti-PD-L1 VHH for Fc-dependent effector functions and prolonged serum half-life.

Prenatal exposure to arsenic and lung function in children from the New Hampshire Birth Cohort Study.

Characteristics of arsenic species in cerebrospinal fluid (CSF) of acute promyelocytic leukaemia (APL) patients treated with arsenic trioxide plus mannitol.

Transcriptome-based analysis of blood samples reveals elevation of DNA damage response, neutrophil degranulation, cancer and neurodegenerative pathways in Plasmodium falciparum patients.

Exposure to pesticides and childhood leukemia risk: A systematic review and meta-analysis.

HSF-1 and SIR-2.1 linked insulin-like signaling is involved in goji berry (*Lycium spp.*) extracts promoting lifespan extension of *Caenorhabditis elegans*.

Evaluation of arsenic species in leukocytes and granulocytes of acute promyelocytic leukemia patients treated with arsenic trioxide.

A UVB-responsive common variant at chromosome band 7p21.1 confers tanning response and melanoma risk via regulation of the aryl hydrocarbon receptor, AHR.

Metabolite Profiling of Rosemary Cell Lines with Antiproliferative Potential against Human HT-29 Colon Cancer Cells.

Effect of renal impairment on arsenic accumulation, methylation capacity, and safety in acute promyelocytic leukemia (APL) patients treated with arsenic trioxide.

A new insight into the role of aryl hydrocarbon receptor (AhR) in the migration of glioblastoma by AhR-IL24 axis regulation.

Effects of the prenatal environment on cryptorchidism: A narrative review.

Metastasizing Ameloblastoma: A 10 Year Clinicopathological Review with an Insight Into Pathogenesis.

2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD)-Inducible Poly-ADP-Ribose Polymerase (TIPARP/PARP7) Catalytic Mutant Mice (TiparpH532A) Exhibit Increased Sensitivity to TCDD-Induced Hepatotoxicity and Lethality.

Association between occupational exposures and sarcoma incidence and mortality: systematic review and meta-analysis.

8-Formylpogonone B antagonizes doxorubicin-induced cardiotoxicity by suppressing heme oxygenase-1-dependent myocardial inflammation and fibrosis.

Antioxidant and food additive BHA prevents TNF cytotoxicity by acting as a direct RIPK1 inhibitor.

Intravenous iron is non-inferior to oral iron regarding cell growth and iron metabolism in colorectal cancer associated with iron-deficiency anaemia.

Dynamic alteration in miRNA and mRNA expression profiles at different stages of chronic arsenic exposure-induced carcinogenesis in a human cell culture model of skin cancer.

Urinary Volatilomics Unveils a Candidate Biomarker Panel for Noninvasive Detection of Clear Cell Renal Cell Carcinoma.

Inhibition of triple negative breast cancer metastasis and invasiveness by novel drugs that target epithelial to mesenchymal transition.

Testing in vitro tools for the prediction of cholestatic liver injury induced by non-pharmaceutical chemicals.

Residential proximity to pesticide application as a risk factor for childhood central nervous system tumors.

Dietary exposure to polychlorinated biphenyls (PCB) and risk of Non-Hodgkin's lymphoma: Evidence from the French E3N prospective cohort.

A systematic review and meta-analysis of occupational exposures and risk of follicular lymphoma.

Thidiazuron suppresses breast cancer via targeting miR-132 and dysregulation of the PI3K-Akt signaling pathway mediated by the miR-202-5p-PTEN axis.

The aryl hydrocarbon receptor suppresses immunity to oral squamous cell carcinoma through immune checkpoint regulation.

TP53INP1 exerts neuroprotection under ageing and Parkinson's disease-related stress condition.

Dietary Strategies for Management of Metabolic Syndrome: Role of Gut Microbiota Metabolites.

Insight into the mechanism of tetrachlorobisphenol A (TCBPA)-induced proliferation of breast cancer cells by GPER-mediated signaling pathways.

Occupation, occupational exposures and mammographic density in Spanish women.

Underlying mechanisms of cytotoxicity in HepG2 hepatocarcinoma cells exposed to arsenic, cadmium and mercury individually and in combination.

Bayesian Group Index Regression for Modeling Chemical Mixtures and Cancer Risk.

Aggressiveness and Metastatic Potential of Breast Cancer Cells Co-Cultured with Preadipocytes and Exposed to an Environmental Pollutant Dioxin: An in Vitro and in Vivo Zebrafish Study.

Au doped poly-thionine and poly-m-Cresol purple: Synthesis and their application in simultaneously electrochemical detection of two lung cancer markers CEA and CYFRA21-1.

Attenuation of sodium arsenite-induced cardiotoxicity and neurotoxicity with the antioxidant, anti-inflammatory, and antiapoptotic effects of hesperidin.

Sustained high expression of NRF2 and its target genes induces dysregulation of cellular proliferation and apoptosis is associated with arsenite-induced malignant transformation of human bronchial epithelial cells.

Oligosaccharides increase the genotoxic effect of colibactin produced by pks+ Escherichia coli strains.

The Aryl Hydrocarbon Receptor Attenuates Acute Cigarette Smoke-Induced Airway Neutrophilia Independent of the Dioxin Response Element.

Mechanisms involved in the possible protective effect of chrysin against sodium arsenite-induced liver toxicity in rats.

A tiered approach to prioritizing registered pesticides for potential cancer hazard evaluations: implications for decision making.

Proportionate mortality study of unionized maintenance of way railroad workers.

Cancer- and noncancer-specific cumulative incidence of death after exposure to polychlorinated biphenyls and dioxins: A competing risk analysis among Yusho patients.

Arsenite suppresses IL-2-dependent tumoricidal activities of natural killer cells.

Potent aneugenicity of 1-methylpyrene in human cells dependent on metabolic activation by endogenous enzymes.

Modulation of mutagenicity in *Salmonella typhimurium* and antioxidant properties and antiproliferative effects of fractions from *Cassia fistula* L. on human cervical HeLa and breast MCF-7 cancer cells.

Inorganic arsenic-mediated upregulation of AS3MT promotes proliferation of nonsmall cell lung cancer cells by regulating cell cycle genes.

Pbx1, Meis1, and Runx1 Expression Is Decreased in the Diaphragmatic and Pulmonary Mesenchyme of Rats with Nitrofen-Induced Congenital Diaphragmatic Hernia.

Epithelial Alteration Associated With Recovery From Laryngeal Squamous Metaplasia in Rats: Kinetics of Recovery From a Test Item-Related Change.

Novel tankyrase inhibitors suppress TDP-43 aggregate formation.

Aryl Hydrocarbon Receptor and Dioxin-Related Health Hazards-Lessons from Yusho.

Assessment of Grouped Weighted Quantile Sum Regression for Modeling Chemical Mixtures and Cancer Risk.

Kindlin-3 and RASSF6 are probable biomarkers for predicting metastasis in cutaneous melanoma.

A prolonged exposure of human lung carcinoma epithelial cells to benzo[a]pyrene induces p21-dependent epithelial-to-mesenchymal transition (EMT)-like phenotype.

A rat subchronic study transcriptional point of departure estimates a carcinogenicity study apical point of departure.

Effects of Probiotic Preparations on Inflammatory Cytokines in Chronic Kidney Disease Patients: A Systematic Review and Meta-Analysis.

TriTACs, a Novel Class of T-Cell-Engaging Protein Constructs Designed for the Treatment of Solid Tumors.

Pesticide exposure and incident thyroid cancer among male pesticide applicators in agricultural health study.

Differences in exposure to toxic and/or carcinogenic volatile organic compounds between Black and White cigarette smokers.

Evidence-Based Challenges to the Continued Recommendation and Use of Peroxidatively-Susceptible Polyunsaturated Fatty Acid-Rich Culinary Oils for High-Temperature Frying Practises: Experimental Revelations Focused on Toxic Aldehydic Lipid Oxidation Products.

Associations Between Residential Exposure to Volatile Organic Compounds and Liver Injury Markers.

Dietary supplements consumption and its association with socioeconomic factors, obesity and main non-communicable chronic diseases in the north of Iran: the PERSIAN Guilan Cohort Study (PGCS).

Suppression of apoptotic signaling in rat hepatocytes by non-dioxin-like polychlorinated biphenyls depends on the receptors CAR and PXR.

The critical role of unique azido-substituted chloro-O-semiquinone radical intermediates in the synergistic toxicity between sodium azide and chlorocatecholic carcinogens.

Water-soluble polycarbodiimides and their cytotoxic and antifungal properties.

Parental Pesticide Exposure and Childhood Brain Cancer: A Systematic Review and Meta-Analysis Confirming the IARC/WHO Monographs on Some Organophosphate Insecticides and Herbicides.

Urinary metabolites of multiple volatile organic compounds among general population in Wuhan, central China: Inter-day reproducibility, seasonal difference, and their associations with oxidative stress biomarkers.

Volatile sulfur compound emissions and health risk assessment from an A(2)/O wastewater treatment plant.

Could Mesna and Celery Seed Cotherapy Modulate Oxidative Stress and Inflammation of the Urinary Bladder Induced by Ifosfamide in Rabbits?

Seasonal Urinary Levels of Glyphosate in Children From Agricultural Communities.

An electrochemical immunosensor for the detection of carcinoembryonic antigen based on Au/g-C(3)N(4) NSs-modified electrode and CuCo/CNC as signal tag.

Effects of Acute 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Exposure on the Circulating and Cecal Metabolome Profile.

Comparative Genotoxicity and Mutagenicity of Cigarette, Cigarillo, and Shisha Tobacco Products in Epithelial and Cardiac Cells.

Arnica montana Cell Culture Establishment, and Assessment of Its Cytotoxic, Antibacterial, α -Amylase Inhibitor, and Antioxidant In Vitro Bioactivities.

Provision of folic acid for reducing arsenic toxicity in arsenic-exposed children and adults.

Short-Chain Fatty Acids Alleviate Hepatocyte Apoptosis Induced by Gut-Derived Protein-Bound Uremic Toxins.

Evaluation of Behavioral Changes and Tissue Damages in Common Carp (*Cyprinus carpio*) after Exposure to the Herbicide Glyphosate.

The correlation between the level of 3-hydroxypropyl mercapturic acid, CYP2B6 polymorphisms, and hematuria occurrences after cyclophosphamide administration and its bioanalytical methods: A systematic review.

Absence of prostacyclin greatly relieves cyclophosphamide-induced cystitis and bladder pain in mice.

PCB cause global DNA hypomethylation of human peripheral blood monocytes in vitro.

Occurrence, human health, and ecotoxicological risk assessment of pesticides in surface waters of the River Nile's Rosetta Branch, Egypt.

Arsenic disrupts neuronal insulin signaling through increasing free PI3K-p85 and decreasing PI3K activity.

Compositions, sources, and potential health risks of volatile organic compounds in the heavily polluted rural North China Plain during the heating season.

A Novel Supplement Attenuates Oxidative Stress-Induced TDP-43-Related Pathogenesis in TDP-43-Expressed Cells.

Molecular interpretation of the carbon nitride performance as a template for the transport of anti-cancer drug into the biological membrane.

Human Hazard Assessment Using Drosophila Wing Spot Test as an Alternative In Vivo Model for Genotoxicity Testing-A Review.

Construction and Validation of a Novel Immunosignature for Overall Survival in Uveal Melanoma.

Transcriptional profiling of Chinese hamster ovary (CHO) cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Polychlorinated biphenyls in indoor dust from urban dwellings of Lahore, Pakistan: Congener profile, toxicity equivalency, and human health implications.

A Common Insecticide Induced-Oxidative Stress in Wistar Rats: Significance for Humans and Implications for Nutritional Modulation of Insecticide Toxicity.

Exploring the Biological Mechanism of Huang Yam in Treating Tumors and Preventing Antitumor Drug-Induced Cardiotoxicity Using Network Pharmacology and Molecular Docking Technology.

Pesticides in surface waters of tropical river basins draining areas with rice-vegetable rotations in Hainan, China: Occurrence, relation to environmental factors, and risk assessment.

Effects of sublethal concentration of metamifop on hepatic lipid metabolism in adult zebrafish (*Danio rerio*).

Author Correction: Acrolein contributes to human colorectal tumorigenesis through the activation of RAS-MAPK pathway.

Three Primary Cancers in a Veteran With Agent Orange and Agent Blue Exposures.

Pesticide use and kidney function among farmers in the Biomarkers of Exposure and Effect in Agriculture study.

The impact of vaping on ocular health: a literature review.

Ceramide/protein phosphatase 2A axis is engaged in gap junction impairment elicited by PCB153 in liver stem-like progenitor cells.

Cigarette Smoke Containing Acrolein Upregulates EGFR Signaling Contributing to Oral Tumorigenesis In Vitro and In Vivo.

Erratum to: Estimating Exposure to Three Commonly Used, Potentially Carcinogenic Pesticides (Chlorolathonil, 2,4-D, and Glyphosate) among Agricultural Workers in Canada.

A mechanism linking perinatal 2,3,7,8 tetrachlorodibenzo-p-dioxin exposure to lower urinary tract dysfunction in adulthood.

Chloroacetanilide herbicide-induced rat enterochromaffin cell tumors: a case study within the context of the IPCS framework, for analyzing the relevance of a cancer mode of action for humans.

Protective and therapeutic effect of hydrogen sulfide on hemorrhagic cystitis and testis dysfunction induced with cyclophosphamide.

Glyphosate Interaction with eEF1 \pm 1 Indicates Altered Protein Synthesis: Evidence for Reduced Spermatogenesis and Cytostatic Effect.

Cooking activities in a domestic kitchen: Chemical and toxicological profiling of emissions.

Human health and ecological risk assessment of pesticides from rice production in the Babol Roud River in Northern Iran.

RNA Binding Proteins As Regulators of Oxidative Stress Identified by a Targeted CRISPR-Cas9 Single Guide RNA Library.

Extreme Exposure Levels of PCDD/Fs Inhaled from Biomass Burning Activity for Cooking in Typical Rural Households.

Endocrine, metabolic and apical effects of in utero and lactational exposure to non-dioxin-like 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180): A postnatal follow-up study in rats.

Mitochondrial activities play a pivotal role in regulating cell cycle in response to doxorubicin.

Injectable hydrogels based on oxidized alginate-gelatin reinforced by carbon nitride quantum dots for tissue engineering.

Differential oxidative stress responses and tobacco-specific nitrosamine accumulation in two burley varieties.

LncRNA XIST Promoted OGD-Induced Neuronal Injury Through Modulating/miR-455-3p/TIPARP Axis.

Crucial cytotoxic and antimicrobial activity changes driven by amount of doped silver in biocompatible carbon nitride nanosheets.

Xanthohumol prolongs lifespan and decreases stress-induced mortality in *Drosophila melanogaster*.

Hidroxi[®] Counteracts Cyclophosphamide-Induced Male Infertility through NRF2 Pathways in a Mouse Model.

Plant regeneration and transformation of *Trachyspermum ammi* using *Agrobacterium tumefaciens* and zygotic embryos.

Contamination of Foods from Cameroon with Residues of 20 Halogenated Pesticides, and Health Risk of Adult Human Dietary Exposure.

Correction to: Exposures to 2,4-Dichlorophenoxyacetic acid with or without endotoxin upregulate small cell lung cancer pathway.

Legacy persistent organochlorine pollutants and polycyclic aromatic hydrocarbons in the surface soil from the industrial corridor of South India: occurrence, sources and risk assessment.

Effect of exposure to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and polychlorinated biphenyls (PCBs) on mitochondrial DNA (mtDNA) copy number in rats.

Tenuazonic Acid-Triggered Cell Death Is the Essential Prerequisite for *Alternaria alternata* (Fr.) Keissler to Infect Successfully Host *Ageratina adenophora*.

Targeted 1,3-dipolar cycloaddition with acrolein for cancer prodrug activation.

Structure-Activity Relationship Investigation on Reaction Mechanism between Chlorinated Quinoid Carcinogens and Clinically-Used Aldoxime Nerve-Agent Antidote under Physiological Condition.

Dicopper(II) Complexes of p-Cresol-2,6-Bis(dpa) Amide-Tether Ligands: Large Enhancement of Oxidative DNA Cleavage, Cytotoxicity, and Mechanistic Insight by Intracellular Visualization.

Exposures to 2,4-Dichlorophenoxyacetic acid with or without endotoxin upregulate small cell lung cancer pathway.

Complex Coronary Instant Chronic Total Occlusion Lesions: Oxidative Stress, Inflammation, and Coronary Stent Lengths.

[Characteristics of Volatile Organic Compounds Pollution and Risk Assessment of Nansi Lake in Huaihe River Basin].

Ethanol extract of *Vitellaria paradoxa* (Gaertn, F) leaves protects against sodium arsenite - induced toxicity in male wistar rats.

Tetrahydroxystilbene glucoside protects against sodium azide-induced mitochondrial dysfunction in human neuroblastoma cells.

Atrazine Promoted Epithelial Ovarian Cancer Cells Proliferation and Metastasis by Inducing Low Dose Reactive Oxygen Species (ROS).

AGENT ORANGE-INDUCED Anaplastic Large-Cell Lymphoma (ALCL) with Cutaneous Involvement.

Occurrence, Human Exposure, and Risk Assessment of Polybrominated Dibenzo-p-Dioxins and Dibenzofurans, Polychlorinated Naphthalenes, and Metals in Atmosphere Around Industrial Parks in Jiangsu, China.

Physical activity, body mass index and arsenic metabolism among Mexican women.

Toxicity of boric acid, borax and other boron containing compounds: A review.

Particle size distributions and health risks of polychlorinated dibenzo-p-dioxin/furans, polychlorinated biphenyls, and polychlorinated naphthalenes in atmospheric particles around two secondary copper smelters in Shandong Province, China.

Flurochloridone induces Sertoli cell apoptosis through ROS-dependent mitochondrial pathway.

Acute and chronic effects of Titanium dioxide (TiO₂) PM₁₀ on honey bee gut microbiota under laboratory conditions.

[Characterization and Health Risks of PCDD/Fs, PCBs, and PCNs in the Soil Around a Typical Secondary Copper Smelter].

Toxicity studies of hexachlorobenzene administered by gavage to female Sprague Dawley (Hsd:Sprague Dawley SD) rats.

Impact of manipulation of glycerol/diol dehydratase activity on intestinal microbiota ecology and metabolism.

Quantification and risk assessment of pesticides in southern Brazilian air samples using low-volume sampling and rapid ultrasound-assisted extraction.

Estimating plasma half-lives of dioxin like and non-dioxin like polychlorinated biphenyls after occupational exposure in the German HELPCB cohort.

Dioxins and dioxin-like PCBs in the ambient air of the Valencian Region (Spain): Levels, human exposure, and risk assessment.

Concentrations, profiles, emission inventory, and risk assessment of chlorinated benzenes in bottom ash and fly ash of municipal and medical waste incinerators in northern Vietnam.

Smoke Chemistry, In Vitro Cytotoxicity, and Genotoxicity Demonstrates Enhanced Toxicity of Cigarillos Compared With Cigarettes.

Importance of monitoring arsenic methylation metabolism in acute promyelocytic leukemia patients receiving the treatment of arsenic trioxide.

NF- κ B is critical for the proper growth of zebrafish embryonic heart and its cardiomyocyte proliferation.

Wood preservatives in children's wooden toys from China: Distribution, migration, oral exposure, and risk assessment.

UHPLC/GC-TOF-MS metabolomics, MTT assay, and molecular docking studies reveal physostigmine as a new anticancer agent from the ethyl acetate and butanol fractions of *Kigelia africana* (Lam.) Benth. fruit extracts.

Development of a Range of Plausible Noncancer Toxicity Values for 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Based on Effects on Sperm Count: Application of Systematic Review Methods and Quantitative Integration of Dose Response Using Meta-Regression.

Cyclophosphamide arrhythmogenicity testing using human-induced pluripotent stem cell-derived cardiomyocytes.

Targeted Metabolomics Identifies Plasma Biomarkers in Mice with Metabolically Heterogeneous Melanoma Xenografts.

A directional 3D neurite outgrowth model for studying motor axon biology and disease.

Arsenic-induced HER2 promotes proliferation, migration and angiogenesis of bladder epithelial cells via activation of multiple signaling pathways in vitro and in vivo.

Synthesis and Screening of New [1,3,4]Oxadiazole, [1,2,4]Triazole, and [1,2,4]Triazolo[4,3-b][1,2,4]triazole Derivatives as Potential Antitumor Agents on the Colon Carcinoma Cell Line (HCT-116).

PCB153 reduces apoptosis in primary cultures of murine pituitary cells through the activation of NF- κ B mediated by PI3K/Akt.

Azadirachta indica A. Juss. In Vivo Toxicity-An Updated Review.

[Risks associated with the consumption of inorganic and organic arsenic].

Evaluation of aryl hydrocarbon receptor expression in oral squamous cell carcinoma and normal oral mucosa using western blot.

Liquid Biopsies in a Veteran Patient Population With Advanced Prostate and Lung Non-Small Cell Carcinomas: A New Paradigm and Unique Challenge in Personalized Medicine.

Pro-inflammatory Mediators and Oxidative Stress: Therapeutic Markers for Recurrent Angina Pectoris after Coronary Artery Stenting in Elderly Patients.

The Effect of Organophosphate Exposure on Neuronal Cell Coenzyme Q(10) Status.

Roundup causes embryonic development failure and alters metabolic pathways and gut microbiota functionality in non-target species.

Toxic compounds in herbicides without glyphosate.

The impact and toxicity of glyphosate and glyphosate-based herbicides on health and immunity.

Weeding out inaccurate information on glyphosate-based herbicides and risk of non-Hodgkin lymphoma.

Combined effects of mulch film-derived microplastics and atrazine on oxidative stress and gene expression in earthworm (*Eisenia fetida*).

Reactive oxygen species regulate miR-17-5p expression via DNA methylation in paraquat-induced nerve cell damage.

Neuroprotective Metabolites from Vietnamese Marine Derived Fungi of *Aspergillus* and *Penicillium* Genera.

Lanostane Triterpenoid Metabolites from a *Penares* sp. Marine Sponge Protect Neuro-2a Cells against Paraquat Neurotoxicity.

[Atrazine changes meiosis and reduces spermatogenesis in male mice].

Reduction by, ligand exchange among, and covalent binding to glutathione and cellular thiols link metabolism and disposition of dietary arsenic species with toxicity.

Urinary crystal formation and urothelial effects of pyroxasulfone administered to male rats.

Octreotide alleviates pancreatic damage caused by paraquat in rats by reducing inflammatory responses and oxidative stress.

Toxicological impacts of herbicide paraquat dichloride on histological profile (gills, liver, and kidney) of freshwater fish *Channa punctatus* (Bloch).

Chronic exposure of human glioblastoma tumors to low concentrations of a pesticide mixture induced multidrug resistance against chemotherapy agents.

Inhibition of the antioxidant enzyme PRDX1 activity promotes MPP(+)-induced death in differentiated SH-SY5Y cells and may impair its colocalization with eEF1A2.

The multiplex interactions and molecular mechanism on genotoxicity induced by formaldehyde and acrolein mixtures on human bronchial epithelial BEAS-2B cells.

Hydrogen sulfide alleviates oxidative stress injury and reduces apoptosis induced by MPP(+) in Parkinson's disease cell model.

Estimated exposure to glyphosate in humans via environmental, occupational, and dietary pathways: an updated review of the scientific literature.

The Nrf2-mediated defense mechanism associated with HFE genotype limits vulnerability to oxidative stress-induced toxicity.

Does pendimethalin develop in pancreatic cancer induced inflammation?

Toxicity of diuron metabolites in human cells.

The selected epigenetic effects of aminomethylphosphonic acid, a primary metabolite of glyphosate on human peripheral blood mononuclear cells (in vitro).

Difficulties in establishing a causal link between chemical exposures and cancer cannot be overcome by court assessments.

Long-term effects of in ovo exposure to an environmentally relevant dose of atrazine on the thyroid gland of *Caiman latirostris*.

Cichoric acid attenuates the toxicity of mesotrione. Effect on in vitro skin cell model.

SSADH Variants Increase Susceptibility of U87 Cells to Mitochondrial Pro-Oxidant Insult.

Glyphosate induces epithelial mesenchymal transition-related changes in human endometrial Ishikawa cells via estrogen receptor pathway.

Selective Decoating-Induced Activation of Supramolecularly Coated Toxic Nanoparticles for Multiple Applications.

Glyphosate Induces Metaphase II Oocyte Deterioration and Embryo Damage by Zinc Depletion and Overproduction of Reactive Oxygen Species.

Exposure to inorganic arsenic and its methylated metabolites alters metabolomics profiles in INS-1 832/13 insulinoma cells and isolated pancreatic islets.

Accounting for Multiple Comparisons in Statistical Analysis of the Extensive Bioassay Data on Glyphosate.

Cytogenotoxic effect of propanil using the *Lens culinaris* Med and *Allium cepa* L test.

Relationship between agrochemical compounds and mammary gland development and breast cancer.

Transgenerational epigenetic effects from male exposure to endocrine-disrupting compounds: a systematic review on research in mammals.

Possible Protective Effects of TA on the Cancerous Effect of Mesotrione.

Environmental Pollution, Oxidative Stress and Thioretinaco Ozonide: Effects of Glyphosate, Fluoride and Electromagnetic Fields on Mitochondrial Dysfunction in Carcinogenesis, Atherogenesis and Aging.

Correction to: Lack of adverse effects in subchronic and chronic toxicity/carcinogenicity studies on the glyphosate-resistant genetically modified maize NK603 in Wistar Han RCC rats.

Acrolein contributes to urothelial carcinomas in patients with chronic kidney disease.

Effect of Exposure to Agent Orange on the Risk of Monoclonal Gammopathy and Subsequent Transformation to Multiple Myeloma: A Single-Center Experience From the Veterans Affairs Hospital, Detroit.

Pre- and postnatal exposure to glyphosate-based herbicide causes behavioral and cognitive impairments in adult mice: evidence of cortical and hippocampal dysfunction.

Formation of di-cysteine acrolein adduct decreases cytotoxicity of acrolein by ROS alleviation and apoptosis intervention.

Serum microRNA profiles among dioxin exposed veterans with monoclonal gammopathy of undetermined significance.

The Potential Effects of Recall Bias and Selection Bias on the Epidemiological Evidence for the Carcinogenicity of Glyphosate.

HMGB1 Mediates Paraquat-Induced Neuroinflammatory Responses via Activating RAGE Signaling Pathway.

[Autophagic dysfunction contributes to α -synuclein accumulation in dopaminergic neurons induced by paraquat].

Bioinspired Construction of a Nanozyme-Based H₂O₂ Homeostasis Disruptor for Intensive Chemodynamic Therapy.

Sestrin2 as Serum Protein Marker and Potential Therapeutic Target for Parkinson's Disease.

Dimethylarsinic acid (DMA) enhanced lung carcinogenesis via histone H3K9 modification in a transplacental mouse model.

RNA-seq analysis of testes from flurochloridone-treated rats.

Glyphosate affects methylation in the promoter regions of selected tumor suppressors as well as expression of major cell cycle and apoptosis drivers in PBMCs (in vitro study).

Toxicity assessment of the herbicide acetochlor in the human liver carcinoma (HepG2) cell line.

Exposure to glyphosate and risk of non-Hodgkin lymphoma and multiple myeloma: an updated meta-analysis.

Glyphosate-based herbicide impairs energy metabolism and increases autophagy in C6 astrogloma cell line.

2,4-Dichlorophenoxyacetic Thiosemicarbazides as a New Class of Compounds Against Stomach Cancer Potentially Intercalating with DNA.

A comprehensive analysis of the animal carcinogenicity data for glyphosate from chronic exposure rodent carcinogenicity studies.

Effects of a mixture of low doses of atrazine and benzo[a]pyrene on the rat seminiferous epithelium either during or after the establishment of the blood-testis barrier in the rat seminiferous tubule culture model.

Effects of acrolein in comparison to its prodrug cyclophosphamide on human primary endothelial cells in vitro.

Evaluation of genotoxicity after acute and chronic exposure to 2,4-dichlorophenoxyacetic acid herbicide (2,4-D) in rodents using machine learning algorithms.

The protective impact of Trans-Cinnamaldehyde (TCA) against the IL-1b induced inflammation in in vitro osteoarthritis model by regulating PI3K/AKT pathways.

Secretogranin III upregulation is involved in parkinsonian toxin-mediated astroglia activation.

Increased risk of head and neck cancer in Agent Orange exposed Vietnam Era veterans.

Carbonyl compounds and furan derivatives with toxic potential evaluated in the brewing stages of craft beer.

The Herbicide Glyphosate and Its Apparently Controversial Effect on Human Health: An Updated Clinical Perspective.

Public health and evidence-informed policy-making: The case of a commonly used herbicide.

Effects of DNA polymerase kappa and mismatch repair on dose-responses of chromosome aberrations induced by three oxidative genotoxins in human cells.

Protective Effects of Cinnamaldehyde against Mesenteric Ischemia-Reperfusion-Induced Lung and Liver Injuries in Rats.

Anti-Allergic Potential of Cinnamaldehyde via the Inhibitory Effect of Histidine Decarboxylase (HDC) Producing *Klebsiella pneumoniae*.

Cinnamaldehyde Inhibits the Function of Osteosarcoma by Suppressing the Wnt/ β^2 -Catenin and PI3K/Akt Signaling Pathways.

Cinnamaldehyde Attenuates the Progression of Rheumatoid Arthritis through Down-Regulation of PI3K/AKT Signaling Pathway.

Questioning Existing Cancer Hazard Evaluation Standards in the Name of Statistics.

Cinnamaldehyde induces endogenous apoptosis of the prostate cancer-associated fibroblasts via interfering the Glutathione-associated mitochondria function.

In Vitro Anticancer Effects of Cinnamomum verum J. Presl, Cinnamaldehyde, 4 Hydroxycinnamic Acid and Eugenol on an Oral Squamous Cell Carcinoma Cell Line.

The modulatory effects of cinnamaldehyde on uric acid level and IL-6/JAK1/STAT3 signaling as a promising therapeutic strategy against benign prostatic hyperplasia.

Cinnamaldehyde protects against rat intestinal ischemia/reperfusion injuries by synergistic inhibition of NF- κ B and p53.

Glyphosate and cancer: the importance of the whole picture.

Combination Therapy with Cinnamaldehyde and Hyperthermia Induces Apoptosis of A549 Non-Small Cell Lung Carcinoma Cells via Regulation of Reactive Oxygen Species and Mitogen-Activated Protein Kinase Family.

Broaden sources and reduce expenditure: Tumor-specific transformable oxidative stress nanoamplifier enabling economized photodynamic therapy for reinforced oxidation therapy.

Cinnamaldehyde Treatment of Prostate Cancer-Associated Fibroblasts Prevents Their Inhibitory Effect on T Cells Through Toll-Like Receptor 4.

MiADMSA ameliorate arsenic induced urinary bladder carcinogenesis in vivo and in vitro.

Dicamba use and cancer incidence in the agricultural health study: an updated analysis.

Co-hybridized composite nanovesicles for enhanced transdermal eugenol and cinnamaldehyde delivery and their potential efficacy in ulcerative colitis.

Quantification of 3-Hydroxypropyl Mercapturic Acid in the Urine of Patients with Breast Cancer to Monitor Cyclophosphamide Toxicity.

Cinnamaldehyde protects against oxidative stress and inhibits the TNF α -induced inflammatory response in human umbilical vein endothelial cells.

Occupational Pesticide Use and Risk of Renal Cell Carcinoma in the Agricultural Health Study.

Topical Delivery of Four Neuroprotective Ingredients by Ethosome-Gel: Synergistic Combination for Treatment of Oxaliplatin-Induced Peripheral Neuropathy.

Cinnamaldehyde Inhibits Inflammation of Human Synoviocyte Cells Through Regulation of Jak/Stat Pathway and Ameliorates Collagen-Induced Arthritis in Rats.

Protective effects of Alda-1, an ALDH2 activator, on alcohol-derived DNA damage in the esophagus of human ALDH2*2 (Glu504Lys) knock-in mice.

Rationally Designed Polymer Conjugate for Tumor-Specific Amplification of Oxidative Stress and Boosting Antitumor Immunity.

Effects of Cinnamaldehyde on the Viability and Expression of Chemokine Receptor Genes in Temozolomide-treated Glioma Cells.

Myelodysplastic syndromes (MDS) occurring in Agent Orange exposed individuals carry a mutational spectrum similar to that of de novo MDS.

Glyphosate Excretion is Associated With Steatohepatitis and Advanced Liver Fibrosis in Patients With Fatty Liver Disease.

Use of human neuroblastoma SH-SY5Y cells to evaluate glyphosate-induced effects on oxidative stress, neuronal development and cell death signaling pathways.

Coniferaldehyde attenuates Alzheimer's pathology via activation of Nrf2 and its targets.

Secondary Metabolites and Their Bioactivities Produced by Paecilomyces.

Spatial distribution, ecological and health risk assessment and source identification of atrazine in Shadegan international wetland, Iran.

Presence and risk assessment of herbicides in the marine environment of Camps Bay (Cape Town, South Africa).

Cinnamaldehyde changes the dynamic balance of glucose metabolism by targeting ENO1.

Arsenic fractionation in sediments and speciation in muscles of fish, *Chrysichthys nigrodigitatus* from a contaminated tropical Lagoon, Nigeria.

Children exposure to inorganic and organic arsenic metabolites: A cohort study in Northeast Italy.

Biodegradation of Butachlor by *Bacillus altitudinis* and Identification of Metabolites.

Anti-Inflammatory Activity and ROS Regulation Effect of Sinapaldehyde in LPS-Stimulated RAW 264.7 Macrophages.

Glyphosate and its toxicology: A scientometric review.

Can short-term exposure to copper and atrazine be cytotoxic to microalgae?

Understanding the Functional Impact of VOC-Ozone Mixtures on the Chemistry of RNA in Epithelial Lung Cells.

Bioaccessibility of arsenic from gastropod along the Xiangjiang River: Assessing human health risks using an in vitro digestion model.

Protective effect of catechin on pentachlorophenol-induced cytotoxicity and genotoxicity in isolated human blood cells.

2,4-D exposure and urinary markers of oxidative DNA damage and lipid peroxidation: a longitudinal study.

Modification of HDL by reactive aldehydes alters select cardioprotective functions of HDL in macrophages.

Acid-sensitive oxidative stress inducing and photoabsorbing polysaccharide nanoparticles for combinational anticancer therapy.

Cinnamaldehyde Enhanced Functional Recovery after Sciatic Nerve Crush Injury in Rats.

Evaluation of human biomonitoring data in a health risk based context: An updated analysis of population level data from the Canadian Health Measures Survey.

Benzene homologues contaminants in a former herbicide factory site: distribution, attenuation, risk, and remediation implication.

Levothyroxine Therapy in Thyroidectomized Patients.

AhR Activation Leads to Alterations in the Gut Microbiome with Consequent Effect on Induction of Myeloid Derived Suppressor Cells in a CXCR2-Dependent Manner.

Gestational arsenic exposure and paternal intergenerational epigenetic inheritance.

The carcinogenicity of pesticides used in New Zealand.

Thidiazuron decreases epithelial-mesenchymal transition activity through the NF- κ B and PI3K/AKT signalling pathways in breast cancer.

Arsenic compounds activate the MAPK and caspase pathways to induce apoptosis in OECâ€™M1 gingival epidermal carcinoma.

Epigenetic effects of low-level sodium arsenite exposure on human liver HepaRG cells.

US EPA's regulatory pesticide evaluations need clearer guidelines for considering mammary gland tumors and other mammary gland effects.

IL-12p40 and sRAGE in serum correlate with chemically induced cleft palate in mice.

Exposure to Endocrine Disrupting Chemicals and Risk of Breast Cancer.

Anti-Tumor Effects of Sodium Meta-Arsenite in Glioblastoma Cells with Higher Akt Activities.

Study on association between shear wave elastography parameters and clinicopathological characteristics in breast cancer: A protocol for systematic review.

TCDD-induced antagonism of MEHP-mediated migration and invasion partly involves aryl hydrocarbon receptor in MCF7 breast cancer cells.

Polyphenol-rich fraction of *Alchornea cordifolia* leaf ameliorates arsenite-induced infertility in male rats.

Weight of Evidence and Human Relevance Evaluation of the Benfluralin Mode of Action in Rats (Part II): Thyroid carcinogenesis.

Weight of evidence and human relevance evaluation of the benfluralin mode of action in rodents (Part I): Liver carcinogenesis.

Nephroprotective effects of chlorogenic acid against sodium arsenite-induced oxidative stress, inflammation, and apoptosis.

Thymoquinone protection against 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin induced nephrotoxicity in rats.

Cisplatin-Induced Giant Cells Formation Is Involved in Chemoresistance of Melanoma Cells.

High-Resolution Respirometry Reveals MPP(+) Mitochondrial Toxicity Mechanism in a Cellular Model of Parkinson's Disease.

Inflammation response after the cessation of chronic arsenic exposure and post-treatment of natural astaxanthin in liver: potential role of cytokine-mediated cell-cell interactions.

Autophagy mediates bronchial cell malignant transformation induced by chronic arsenic exposure via MEK/ERK1/2 pathway.

Glufosinate constrains synchronous and metachronous metastasis by promoting anti-tumor macrophages.

Maternal exposure to pesticides and risk of childhood lymphoma in France: A pooled analysis of the ESCALE and ESTELLE studies (SFCE).

Probiotic inhibits oral carcinogenesis: A systematic review and meta-analysis.

Residential proximity to agriculture and risk of childhood leukemia and central nervous system tumors in the Danish national birth cohort.

Mechanisms and pathogenesis underlying environmental chemical-induced necroptosis.

Impact of environmental exposure to persistent organic pollutants on lung cancer risk.

In Vitro Studies on Therapeutic Potential of Probiotic Yeasts Isolated from Various Sources.

Nanosized drug-eluting bead for transcatheter arterial chemoembolization (ND-TACE).

Investigation of the biochemical and apoptotic changes in breast cancer cells treated with leaf extract from tea (*Camellia sinensis* L.) grown with added boric acid.

Phase I clinical trial of KML001 monotherapy in patients with advanced solid tumors.

Cancer incidence in the vicinity of a waste incineration plant in the Nice area between 2005 and 2014.

Rosa persica hydroalcoholic extract improves cadmium-hepatotoxicity by modulating oxidative damage and tumor necrosis factor- α status.

Evaluation of the Aryl Hydrocarbon Receptor Response in LMH 3D Spheroids.

[Effects and mechanism of mitochondrial transcription factor A and cytochrome c oxidase pathway in the energy production of hypoxic cardiomyocytes of rats regulated by tumor necrosis factor receptor associated protein 1].

TCDD promotes liver fibrosis through disordering systemic and hepatic iron homeostasis.

Coupling of translation quality control and mRNA targeting to stress granules.

Aryl hydrocarbon receptor (AHR) functions: Balancing opposing processes including inflammatory reactions.

In utero exposure to arsenite contributes to metabolic and reproductive dysfunction in male offspring of CD-1 mice.

Occupational Exposure to Pesticides and Chronic Lymphocytic Leukaemia in the MCC-Spain Study.

AHR is a tunable knob that controls HTLV-1 latency-reactivation switching.

Vitamin B12 and folic acid alleviate symptoms of nutritional deficiency by antagonizing aryl hydrocarbon receptor.

A comprehensive analysis of AHRR gene as a candidate for cleft lip with or without cleft palate.

Dioxin exposure and breast cancer risk in a prospective cohort study.

Marrubium vulgare L.: A Phytochemical and Pharmacological Overview.

Magnetic organic porous polymer as a solid-phase extraction adsorbent for enrichment and quantitation of gastric cancer biomarkers (P-cresol and 4-hydroxybenzoic acid) in urine samples by UPLC.

AI centre-powered graphitic nanozyme with high catalytic efficiency for pH-independent chemodynamic therapy of cancer.

Therapeutic Targeting of Aristolochic Acid Induced Uremic Toxin Retention, SMAD 2/3 and JNK/ERK Pathways in Tubulointerstitial Fibrosis: Nephroprotective Role of Propolis in Chronic Kidney Disease.

[Biomonitoring of environmental exposure to inorganic arsenic].

Associations between functional polychlorinated biphenyls in adipose tissues and prognostic biomarkers of breast cancer patients.

Human CYP2E1-activated mutagenicity of dioxin-like PCBs 105 and 118-Experimental data consistent with molecular docking results.

Role of aromatase activation on sodium arsenite-induced proliferation, migration, and invasion of MDA-MB-231 and MDA-MB-453 breast cancer cell lines.

Aryl Hydrocarbon Receptor-Dependent inductions of omega-3 and omega-6 polyunsaturated fatty acid metabolism act inversely on tumor progression.

[Application of double staining with ferrous sulfate and diaminobenzidine in immunohistochemistry for diagnosis of melanin tumors].

Chronic Kidney Disease-Associated Immune Dysfunctions: Impact of Protein-Bound Uremic Retention Solutes on Immune Cells.

Sonodynamically-induced Anticancer Effects of Polyethylene Glycol-Modified Carbon Nano Tubes.

Inorganic arsenic methylation capacity and breast cancer by immunohistochemical subtypes in northern Mexican women.

Prenatal pesticide exposure and childhood leukemia - A California statewide case-control study.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on spontaneous movement of human neuroblastoma cells.

Urine metabolomic analysis in clear cell and papillary renal cell carcinoma: A pilot study.

Mitigation of aflatoxin B1- and sodium arsenite-induced cytotoxicities in HUC-PC urinary bladder cells by curcumin and *Khaya senegalensis*.

Specific, Sensitive, and Quantitative Detection of HER-2 mRNA Breast Cancer Marker by Fluorescent Light-Up Hybridization Probes.

Transplacental arsenic exposure produced 5-methylcytosine methylation changes and aberrant microRNA expressions in livers of male fetal mice.

Pediatric glioblastoma target-specific efficient delivery of gemcitabine across the blood-brain barrier via carbon nitride dots.

pH-Dependent Grafting of Cancer Cells with Antigenic Epitopes Promotes Selective Antibody-Mediated Cytotoxicity.

Aptamer-based photoelectrochemical assay for the determination of MCF-7.

Polymorphisms in arsenic (+3 oxidation state) methyltransferase (AS3MT) predict the occurrence of hyperleukocytosis and arsenic metabolism in APL patients treated with As(2)O(3).

Arsenic and benzo[a]pyrene co-exposure acts synergistically in inducing cancer stem cell-like property and tumorigenesis by epigenetically down-regulating SOCS3 expression.

Embelin impact on paraquat-induced lung injury through suppressing oxidative stress, inflammatory cascade, and MAPK/NF- κ B signaling pathway.

Pegylated carbon nitride nanosheets for enhanced reactive oxygen species generation and photodynamic therapy under hypoxic conditions.

Occupational exposures and odds of gastric cancer: a StoP project consortium pooled analysis.

Cardioprotective role of metformin against sodium arsenite-induced oxidative stress, inflammation, and apoptosis.

The association between pesticide use and cutaneous melanoma: a systematic review and meta-analysis.

The anti-inflammatory effect of omega-3 polyunsaturated fatty acids dramatically decreases by iron in the hippocampus of diabetic rats.

Pesticide exposure and risk of aggressive prostate cancer among private pesticide applicators.

Nucleation and kinetics of SOD1 aggregation in human cells for ALS1.

Enhanced antitumor potential induced by chloroacetate-loaded benzophenones acting as fused tubulin-pyruvate dehydrogenase kinase 1 (PDHK1) ligands.

Synthesis of 2'-Deoxyuridine Modified with a 3,5-Difluoro-4-Methoxybenzylidene Imidazolinone Derivative for Incorporation into Oligonucleotide Probes for Detection of HER2 Breast Cancer Marker.

M2-like polarization of THP-1 monocyte-derived macrophages under chronic iron overload.

Nicotine exposure potentiates lung tumorigenesis by perturbing cellular surveillance.

Synthesis and Characterization of Ru(II) Complexes with π -Expansive Imidazophen Ligands for the Photokilling of Human Melanoma Cells.

Is 1,8-Cineole-Rich Extract of Small Cardamom Seeds More Effective in Preventing Alzheimer's Disease than 1,8-Cineole Alone?

Cytochrome P450 1A2 activity and incidence of thyroid disease and cancer after chronic or acute exposure to dioxins.

Characterization of Glyceollins as Novel Aryl Hydrocarbon Receptor Ligands and Their Role in Cell Migration.

Parental occupational exposure to pesticides, animals and organic dust and risk of childhood leukemia and central nervous system tumors: Findings from the International Childhood Cancer Cohort Consortium (I4C).

Chlorogenic acid prevents hepatotoxicity in arsenic-treated mice: role of oxidative stress and apoptosis.

Cecal Tumorigenesis in Aryl Hydrocarbon Receptor-Deficient Mice Depends on Cecum-Specific Mitogen-Activated Protein Kinase Pathway Activation and Inflammation.

Health effects of nutrients and environmental pollutants in Baltic herring and salmon: a quantitative benefit-risk assessment.

Human CYP1B1-dependent genotoxicity of dioxin-like polychlorinated biphenyls in mammalian cells.

Denouement of Chemicals on Amyotrophic Lateral Sclerosis: Is Green Chemistry the Answer.

Resveratrol Regulates Nrf2-Mediated Expression of Antioxidant and Xenobiotic Metabolizing Enzymes in Pesticides-Induced Parkinsonism.

Identification and Functional Analysis of RYR1 Variants in a Family with a Suspected Myopathy and Associated Malignant Hyperthermia.

Procyanidin B2 Suppresses Lipopolysaccharides-Induced Inflammation and Apoptosis in Human Type II Alveolar Epithelial Cells and Lung Fibroblasts.

Metformin as a protective agent against natural or chemical toxicities: a comprehensive review on drug repositioning.

Prostate Cancer Screening Guidelines for African American Veterans: A New Perspective.

Environmental impact and health risk assessment of volatile organic compound emissions during different seasons in Beijing.

Anaerobic biodegradation of pyrene by *Klebsiella* sp. LZ6 and its proposed metabolic pathway.

A promising "metastable" liquid crystal stationary phase for gas chromatography.

Health risk assessment of heavy metals and pesticides: A case study in the main drinking water source in Dalian, China.

Characterizing the potential estrogenic and androgenic activities of two disinfection byproducts, mono-haloacetic acids and haloacetamides, using *in vitro* bioassays.

Compositions, sources and health risks of ambient volatile organic compounds (VOCs) at a petrochemical industrial park along the Yangtze River.

Naturally-derived diterpenoid sphaeropsidin C as an activator of Nrf2/ARE pathway and its potential capability of relieving intracellular oxidative stress in human lung epithelial cells.

A systematic review on hepatoprotective activity of quercetin against various drugs and toxic agents: Evidence from preclinical studies.

Which chemicals should be grouped together for mixture risk assessments of male reproductive disorders?

An unexpected new pathway for nitroxide radical production via more reactive nitrogen-centered amidyl radical intermediate during detoxification of the carcinogenic halogenated quinones by N-alkyl hydroxamic acids.

Pesticide exposure and lung cancer risk: A case-control study in Nakhon Sawan, Thailand.

Hepato-Genoprotective Activities of Methanol Extract of The Stem Bark of *Adansonia Digitata* LINN. In Wistar Rats Challenged with Sodium Arsenite.

Wearable Bracelet Monitoring the Solar Ultraviolet Radiation for Skin Health Based on Hybrid IPN Hydrogels.

Reduction of Management Costs and Avoidance of Air Release of Carcinogens Through a Waste Segregation Program in a Brazilian Medical Institution.

Telomeric injury by KML001 in human T cells induces mitochondrial dysfunction through the p53-PGC-1 β pathway.

Impact of environmental toxin exposure on male fertility potential.

The Effect of Radium-223 Therapy in Agent Orange-Related Prostate Carcinoma.

Mucuna pruriens in Parkinson's and in some other diseases: recent advancement and future prospective.

Telomeres as targets for the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and polychlorinated biphenyls (PCBs) in rats.

An aryl hydrocarbon receptor agonist suppresses the growth of human umbilical vein endothelial cells in vitro: Potent effect with polyunsaturated fatty acids.

Spatial Outcomes of Soft Tissue Sarcoma in Southern West Virginia.

Toxicological assessment of seven unregulated drinking water Disinfection By-products (DBPs) using the zebrafish embryo bioassay.

A Comprehensive Review on Source, Types, Effects, Nanotechnology, Detection, and Therapeutic Management of Reactive Carbonyl Species Associated with Various Chronic Diseases.

Analysis of urinary VOCs using mass spectrometric methods to diagnose cancer: A review.

Outcome of Canine Multicentric Lymphoma after Single or Divided Treatment with Cyclophosphamide in Multidrug Chemotherapy.

Characterization of a novel O-acetyl sialic acid specific lectin from the hemolymph of the marine crab, *Atergatis integerrimus* (Lamarck, 1818).

In vitro profiling of the potential endocrine disrupting activities affecting steroid and aryl hydrocarbon receptors of compounds and mixtures prevalent in human drinking water resources.

Tissue- and Region-Specific Accumulation of Arsenic Species, Especially in the Brain of Mice, After Long-term Arsenite Exposure in Drinking Water.

Bioaccumulation of pesticide contaminants in tissue matrices of dogs suffering from malignant canine mammary tumors in Punjab, India.

Occupational exposure to organophosphorus and carbamates in farmers in La Cienega, Jalisco, Mexico: oxidative stress and membrane fluidity markers.

Impact of Atomizer Age and Flavor on In Vitro Toxicity of Aerosols from a Third-Generation Electronic Cigarette against Human Oral Cells.

Synthesis and antiproliferative effect of the proposed stereoisomer of the marine sponge metabolite halisphingosine A.

Observations of volatile organic and sulfur compounds in ambient air and health risk assessment near a paper mill in rural Idaho, U. S. A.

In Vitro Detoxification Studies of p-Cresol by Intestinal Bacteria Isolated from Human Feces.

Effects of curcumin, D-pinitol alone or in combination in cytotoxicity induced by arsenic in PC12 cells.

Functional analysis of newly identified RYR1 variants in patients susceptible to malignant hyperthermia.

Xanthohumol Effect on 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Treated Japanese Quails in Terms of Serum Lipids, Liver Enzymes, Estradiol, and Thyroid Hormones.

TCDD-induced multi- and transgenerational changes in the methylome of male zebrafish gonads.

Dibenzoylthiamine Has Powerful Antioxidant and Anti-Inflammatory Properties in Cultured Cells and in Mouse Models of Stress and Neurodegeneration.

The in Vitro Antiplasmodial and Antiproliferative Activity of New Ferrocene-Based $\hat{\pm}$ -Aminocresols Targeting Hemozoin Inhibition and DNA Interaction.

Chronic and acute arsenic exposure enhance EGFR expression via distinct molecular mechanisms.

Serum dioxin levels and sperm DNA methylation age: Findings in Vietnam war veterans exposed to Agent Orange.

Adverse effects of pesticides on the functions of immune system.

Protective Effect of Fenofibrate on Oxidative Stress-Induced Apoptosis in Retinal-Choroidal Vascular Endothelial Cells: Implication for Diabetic Retinopathy Treatment.

Polychlorinated biphenyls in settled dusts from an end-of-life vehicle processing area and normal house dusts in northern Vietnam: Occurrence, potential sources, and risk assessment.

Introducing of potent cytotoxic novel 2-(aroylamino)cinnamamide derivatives against colon cancer mediated by dual apoptotic signal activation and oxidative stress.

Mitigation of arsenic driven utero-ovarian malfunction and changes of apoptotic gene expression by dietary NAC.

Environmental occurrence and risk assessment of haloacetic acids in swimming pool water and drinking water.

Synthesis of cyclophosphamide metabolites by a peroxygenase from *Marasmius rotula* for toxicological studies on human cancer cells.

Cardiac amyloidosis possibly secondary to Agent Orange exposure.

Uroprotective mechanisms of natural products against cyclophosphamide-induced urinary bladder toxicity: A comprehensive review.

Environmental Exposure-Associated Human Health Risk of Dioxin Compounds in the Vicinity of a Municipal Solid Waste Incinerator in Shanghai, China.

In-vitro antioxidant, antimutagenic and cancer cell growth inhibition activities of *Rhododendron arboreum* leaves and flowers.

Rethinking toxicity testing: Influence of aging on the outcome of long-term toxicity testing and possible remediation.

Review of Health Consequences of Electronic Cigarettes and the Outbreak of Electronic Cigarette, or Vaping, Product Use-Associated Lung Injury.

Urinary biomonitoring of subjects with different smoking habits. Part I: Profiling mercapturic acids.

Causes and possibilities to circumvent cyclophosphamide toxicity.

[Injury of L-02 hepatocytes induced by NaAsO_2 is related to down-regulated expression of p14ARF and increased expression of MDM2 and p53].

Polydatin relieves paraquat-induced human MRC-5 fibroblast injury through inhibiting the activation of the NLRP3 inflammasome.

Herbicide, fumigant, and fungicide use and breast cancer risk among farmers' wives.

Concentrations, Sources, and Potential Human Health Risks of PCDD/Fs, dl-PCBs, and PAHs in Rural Atmosphere Around Chemical Plants in Jiangsu Province, China.

Structural and metabolic performance of p-cresol producing microbiota in different carbon sources.

Ansamycin derivatives from the marine-derived *Streptomyces* sp. SCSGAA 0027 and their cytotoxic and antiviral activities.

The Role of Vitamin D Receptor Gene Polymorphisms in Colorectal Cancer Risk.

Iron Overload in Gastric Mucosa: Underdiagnosed Condition Rarely Documented in Clinical and Pathology Reports.

Genotoxicant exposure, activation of the aryl hydrocarbon receptor, and lipid peroxidation in cultured human alveolar type II A549 cells.

Arsenic represses airway epithelial mucin expression by affecting retinoic acid signaling pathway.

Arsenic species in electronic cigarettes: Determination and potential health risk.

Concentrations, toxic equivalence, and age-corrected trends of legacy organic contaminants in Lake Champlain lake trout: 2012-2018.

Exposure assessment of toxic metals and organochlorine pesticides among employees of a natural history museum.

Pro-inflammatory cytokines, oxidative stress and diffuse coronary reocclusions in elderly patients after coronary stenting.

Exposure effects of iron oxide nanoparticles and iron salts in blackfish (*Capoeta fusca*): Acute toxicity, bioaccumulation, depuration, and tissue histopathology.

Immunohistochemical and histological evaluations of cyclophosphamide-induced acute cardiotoxicity in wistar rats: The role of turmeric extract (curcuma).

Kaempferol modulates TCDD- and t-BHQ-induced drug-metabolizing enzymes and luteolin enhances this effect.

High-Sensitivity Detection of the Lung Cancer Biomarker CYFRA21-1 in Serum Samples Using a Carboxyl-MoS₂ Functional Film for SPR-Based Immunosensors.

Selenium-Enriched Yeast Alleviates Oxidative Stress-Induced Intestinal Mucosa Disruption in Weaned Pigs.

In utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure exacerbates urinary dysfunction in hormone-treated C57BL/6J mice through a non-malignant mechanism involving proteomic changes in the prostate that differ from those elicited by testosterone and estradiol.

Levels, Sources and Toxicity Risks of Polycyclic Aromatic Hydrocarbons at an Island Site in the Gulf of Tonkin.

Regulation of Aryl Hydrocarbon Receptor Signaling Pathway and Dioxin Toxicity by Novel Agonists and Antagonists.

In-Vivo Optical Monitoring of the Efficacy of Epidermal Growth Factor Receptor Targeted Photodynamic Therapy: The Effect of Fluence Rate.

ROCK inhibitors upregulate the neuroprotective Parkin-mediated mitophagy pathway.

Pharmacokinetics and Toxicokinetics Roles of Membrane Transporters at Kidney Level.

Protection against Mitochondrial Oxidative-Stress by Flesh-Extract of Edible Freshwater Snail *Bellamya bengalensis* Prevents Arsenic Induced DNA and Tissue Damage.

Green-Synthesized FeSO₄ Nanoparticles Exhibit Antibacterial and Cytotoxic Activity by DNA Degradation.

Impact of electronic cigarette heating coil resistance on the production of reactive carbonyls, reactive oxygen species and induction of cytotoxicity in human lung cancer cells in vitro.

Acute uterine effects and long-term reproductive alterations in postnatally exposed female rats to a mixture of commercial formulations of endosulfan and glyphosate.

Gut microbiota and neurological effects of glyphosate.

Autophagy Stimulation Decreases Dopaminergic Neuronal Death Mediated by Oxidative Stress.

Diuron exposure and Akt overexpression promote glioma formation through DNA hypomethylation.

[From the traces in the wells of the urban aqueduct network to the subsequent prohibition of the use of glyphosate: the case of an area of high-intensity wine production in the province of Treviso, Veneto].

[Xuebijing improves clinical prognosis and reduces mortality in patients with acute paraquat poisoning: a Meta-analysis included 1 429 patients].

Novel insights into the mechanism of cyclophosphamide-induced bladder toxicity: chloroacetaldehyde's contribution to urothelial dysfunction in vitro.

The organochlorine pesticides pentachlorophenol and dichlorodiphenyltrichloroethane increase secretion and production of interleukin 6 by human immune cells.

Effects of chronic glyphosate exposure to pregnant mice on hepatic lipid metabolism in offspring.

Glyphosate use and associations with non-Hodgkin lymphoma major histological sub-types: findings from the North American Pooled Project.

Metformin Activates the Protective Effects of the AMPK Pathway in Acute Lung Injury Caused by Paraquat Poisoning.

The Analysis of Bifenox and Dichlobenil Toxicity in Selected Microorganisms and Human Cancer Cells.

Metazachlor: Mode of action analysis for rat liver tumour formation and human relevance.

Protective mechanism of 1-methylhydantoin against lung injury induced by paraquat poisoning.

Paraquat modulates microglia M1/M2 polarization via activation of TLR4-mediated NF- κ B signaling pathway.

Roundup(\hat{A} [®]) confers cytotoxicity through DNA damage and Mitochondria-Associated apoptosis induction.

[Protective effects of oligomeric proanthocyanidins in mice exposed to paraquat].

Inhibition of dendritic spine extension through acrolein conjugation with $\hat{1}\pm$, $\hat{1}^2$ -tubulin proteins.

Exposures to the environmental contaminants pentachlorophenol and dichlorodiphenyltrichloroethane increase production of the proinflammatory cytokine, interleukin- $1\hat{1}^2$, in human immune cells.

Cytotoxic activity of pentachlorophenol and its active metabolites in SH-SY5Y neuroblastoma cells.

Detoxification, Apoptosis, and Immune Transcriptomic Responses of the Gill Tissue of Bay Scallop Following Exposure to the Algicide Thiazolidinedione 49.

Glyphosate-based herbicides at low doses affect canonical pathways in estrogen positive and negative breast cancer cell lines.

Glyphosate induces benign monoclonal gammopathy and promotes multiple myeloma progression in mice.

Exposure to glyphosate-based herbicides and risk for non-Hodgkin lymphoma: A meta-analysis and supporting evidence.

Metabolic response of bacteria to elevated concentrations of glyphosate-based herbicide.

Jury verdicts cloud future of popular herbicide.

A Facile, Versatile, and Highly Efficient Strategy for Peroxynitrite Bioimaging Enabled by Formamide Deformylation.

How Glyphosate Impairs Liver Condition in the Field Lizard *Podarcis siculus* (Rafinesque-Schmaltz, 1810): Histological and Molecular Evidence.

Mutational signatures of redox stress in yeast single-strand DNA and of aging in human mitochondrial DNA share a common feature.

Toxicological Effects of Traumatic Acid and Selected Herbicides on Human Breast Cancer Cells: In Vitro Cytotoxicity Assessment of Analyzed Compounds.

Retrospective study of clinical features and prognosis of edaravone in the treatment of paraquat poisoning.

Acrolein Is Involved in the Synergistic Potential of Cigarette Smoking- and Betel Quid Chewing-Related Human Oral Cancer.

Pulmonary Tumor Thrombotic Microangiopathy Mimicking Inhalation Lung Injury.

Melittin Exerts Beneficial Effects on Paraquat-Induced Lung Injuries In Mice by Modifying Oxidative Stress and Apoptosis.

Inhibitory effects of flavonoids on P-glycoprotein in vitro and in vivo: Food/herb-drug interactions and structure-activity relationships.

Role of bone marrow mesenchymal stem cells in the development of paraquat-induced pulmonary fibrosis.

NADPH oxidase regulates paraquat and maneb-induced dopaminergic neurodegeneration through ferroptosis.

Lack of adverse effects in subchronic and chronic toxicity/carcinogenicity studies on the glyphosate-resistant genetically modified maize NK603 in Wistar Han RCC rats.

Long-term Immunotoxic Effects of Oral Prenatal and Neonatal Atrazine Exposure.

The Critical Role of X Chromosome-Linked Inhibitor of Apoptosis (XIAP) in Differential Synergism Induced by Pentachlorophenol and Copper-1,10-Phenanthroline Complex in Normal and Cancer Liver Cells.

The Impact of Agent Orange Exposure on Prostate Cancer Outcomes.

Protective effects of 3 β -angeloyloxy-8 β , 10 β -dihydroxyremophila-7(11)-en-12, 8 β -lactone on paraquat-induced oxidative injury in SH-SY5Y cells.

Intra-abdominal follicular lymphoma masquerading as severe cardiopulmonary disease in a Vietnam War veteran exposed to agent orange.

Quantitative and Site-Specific Chemoproteomic Profiling of Targets of Acrolein.

The Ramazzini Institute 13-week pilot study glyphosate-based herbicides administered at human-equivalent dose to Sprague Dawley rats: effects on development and endocrine system.

Maternal pentachlorophenol exposure induces developmental toxicity mediated by autophagy on pregnancy mice.

How reliable are in vitro IC(50) values? Values vary with cytotoxicity assays in human glioblastoma cells.

Analysis of Acrolein-Derived 1, N(2)-Propanodeoxyguanosine Adducts in Human Lung DNA from Smokers and Nonsmokers.

Dietary Tributyrin Attenuates Intestinal Inflammation, Enhances Mitochondrial Function, and Induces Mitophagy in Piglets Challenged with Diquat.

Inhibiting expression of HSP60 and TLR4 attenuates paraquat-induced microglial inflammation.

Aspirin-triggered resolvin D1 alleviates paraquat-induced acute lung injury in mice.

The effects of 100% fish oil emulsion-based parenteral nutrition plus combination treatment for acute paraquat poisoning.

Adverse effects of acrolein, a ubiquitous environmental toxicant, on muscle regeneration and mass.

Exogenous Tetranectin Protects Against 1-Methyl-4-Phenylpyridine-Induced Neurotoxicity by Inhibiting Apoptosis and Autophagy Through Ribosomal Protein S6 Kinase Beta-1.

Protective and anti-inflammatory effects of hydroalcoholic leaf extract of *Origanum vulgare* on oxidative stress, TNF- α gene expression and liver histological changes in paraquat-induced hepatotoxicity in rats.

Viewing evidence of harm accompanying uses of glyphosate-based herbicides under US legal requirements.

Evaluation of the cytotoxic effects of glyphosate herbicides in human liver, lung, and nerve.

Oxadiazon affects the expression and activity of aldehyde dehydrogenase and acylphosphatase in human striatal precursor cells: A possible role in neurotoxicity.

Biomarkers at different levels of organisation after atrazine formulation (SIPTRAN 500SC(®)) exposure in *Rhinella schneideri* (Anura: Bufonidae) Neotropical tadpoles.

H₂O₂-activated oxidative stress amplifier capable of GSH scavenging for enhancing tumor photodynamic therapy.

The effect of coniferaldehyde on neurite outgrowth in neuroblastoma Neuro2a cells.

Side Effects of Coronary Stenting such as Severe Coronary Stenosis and Multiple Coronary Chronic Total Occlusions in Elderly Patients via Induced Proinflammatory and Prooxidative Stress.

Cinnamaldehyde enhances apoptotic effect of oxaliplatin and reverses epithelial-mesenchymal transition and stemness in hypoxic colorectal cancer cells.

Agricultural exposures to carbamate herbicides and fungicides and central nervous system tumour incidence in the cohort AGRICAN.

Effect of Vasicinone against Paraquat-Induced MAPK/p53-Mediated Apoptosis via the IGF-1R/PI3K/AKT Pathway in a Parkinson's Disease-Associated SH-SY5Y Cell Model.

Speciation analysis of arsenic in urine samples from APL patients treated with single agent As₂O₃ by HPLC-HG-AFS.

Fighting Independent Risk Assessment of Talc and Glyphosate: Whose Benefit Is It Anyway?

Expert Review Under Attack: Glyphosate, Talc, and Cancer.

Anti-oxidant and anti-inflammatory effects of cinnamaldehyde and eugenol on mononuclear cells of rheumatoid arthritis patients.

Tetramethylrhodamine is an essential scaffold of azide probe in detecting cellular acrolein.

trans-Cinnamaldehyde mitigated intestinal inflammation induced by *Cronobacter sakazakii* in newborn mice.

Combined treatment with 2'-hydroxycinnamaldehyde and temozolomide suppresses glioblastoma tumorspheres by decreasing stemness and invasiveness.

The inhibition of hypoxia-induced angiogenesis and metastasis by cinnamaldehyde is mediated by decreasing HIF-1 α protein synthesis via PI3K/Akt pathway.

Editorial Comment.

Time course of arsenic species in red blood cells of acute promyelocytic leukemia (APL) patients treated with single agent arsenic trioxide.

Upregulated lncRNA small nucleolar RNA host gene 1 promotes 1-methyl-4-phenylpyridinium ion-induced cytotoxicity and reactive oxygen species production through miR-15b-5p/GSK3 β axis in human dopaminergic SH-SY5Y cells.

Inhibition of the Nrf2/HO-1 Axis Suppresses the Mitochondria-Related Protection Promoted by Gastrodin in Human Neuroblastoma Cells Exposed to Paraquat.

Acid-responsive nanoparticles as a novel oxidative stress-inducing anticancer therapeutic agent for colon cancer.

Phytochemicals of Cinnamomi Cortex: Cinnamic Acid, but not Cinnamaldehyde, Attenuates Oxaliplatin-Induced Cold and Mechanical Hypersensitivity in Rats.

Curcumin and Cinnamaldehyde as PTP1B Inhibitors With Antidiabetic and Anticancer Potential.

Cinnamaldehyde and eugenol attenuates collagen induced arthritis via reduction of free radicals and pro-inflammatory cytokines.

Response to Sheppard and Shaffer.

Re: Glyphosate Use and Cancer Incidence in the Agricultural Health Study.

Urinary acrolein metabolite levels in severe acute alcoholic hepatitis patients.

Response of DNA damage genes in acrolein-treated lung adenocarcinoma cells.

The potential role of acrolein in plant ferroptosis-like cell death.

Short-chain lipid peroxidation products form covalent adducts with pyruvate kinase and inhibit its activity in vitro and in breast cancer cells.

Mitigating the risk of atrazine exposure: Identifying hot spots and hot times in surface waters across Nebraska, USA.

Anti-cancer effects of cinnamon: Insights into its apoptosis effects.

Loss of RNA binding protein, human antigen R enhances mitochondrial elongation by regulating Drp1 expression in SH-SY5Y cells.

Metabolism and disposition of arsenic species from controlled dosing with dimethylarsinic acid (DMA(V)) in adult female CD-1 mice. V. Toxicokinetic studies following oral and intravenous administration.

Regulating intracellular ROS signal by a dual pH/reducing-responsive nanogels system promotes tumor cell apoptosis.

Effects of Sublethal Thymol, Carvacrol, and trans-Cinnamaldehyde Adaptation on Virulence Properties of Escherichia coli O157:H7.

Impairment of testicular function in electronic cigarette (e-cig, e-cigs) exposed rats under low-voltage and nicotine-free conditions.

Chlorogenic acid prevents paraquat-induced apoptosis via Sirt1-mediated regulation of redox and mitochondrial function.

Pentachlorophenol-induced cytotoxicity in human erythrocytes: enhanced generation of ROS and RNS, lowered antioxidant power, inhibition of glucose metabolism, and morphological changes.

Probable carcinogenicity of glyphosate.

Effects of inhibition of hepatic sulfotransferase activity on renal genotoxicity induced by lucidin-3-O-primeveroside.

Detection of glyphosate and its metabolites in food of animal origin based on ion-chromatography-high resolution mass spectrometry (IC-HRMS).

The Role of Acrolein and NADPH Oxidase in the Granulocyte-Mediated Growth-Inhibition of Tumor Cells.

Amplification of Oxidative Stress in MCF-7 Cells by a Novel pH-Responsive Amphiphilic Micellar System Enhances Anticancer Therapy.

Metabolic activity testing can underestimate acute drug cytotoxicity as revealed by HepG2 cell clones overexpressing cytochrome P450 2C19 and 3A4.

Geographic distribution and environmental risk factors of lymphoma in dogs under primary-care in the UK.

Simultaneous quantification of estrogens and glucocorticoids in human adipose tissue by liquid-chromatography-tandem mass spectrometry.

Prostate Cancer-associated SPOP mutations enhance cancer cell survival and docetaxel resistance by upregulating Caprin1-dependent stress granule assembly.

(11)C-Labeled Pictilisib (GDC-0941) as a Molecular Tracer Targeting Phosphatidylinositol 3-Kinase (PI3K) for Breast Cancer Imaging.

Associations between persistent organic pollutants and risk of breast cancer metastasis.

Plasma levels of polychlorinated biphenyls (PCB) and the risk of soft tissue sarcoma.

Epigenetic Activation of BRCA1 by Genistein In Vivo and Triple Negative Breast Cancer Cells Linked to Antagonism toward Aryl Hydrocarbon Receptor.

AhR Activation Leads to Massive Mobilization of Myeloid-Derived Suppressor Cells with Immunosuppressive Activity through Regulation of CXCR2 and MicroRNA miR-150-5p and miR-543-3p That Target Anti-Inflammatory Genes.

Impaired intestinal barrier function in a mouse model of hyperuricemia.

Photoelectrochemical detection of breast cancer biomarker based on hexagonal carbon nitride tubes.

GH3 and RC-4BC cell lines are not suitable as in vitro models to study prolactin modulation and AHR responsiveness in rat pituitary.

Evaluation of neuroprotective activity of digoxin and semisynthetic derivatives against partial chemical ischemia.

Killing Effects of IFN R(-/-) Mouse NK Cells Activated by HN Protein of NDV on Mouse Hepatoma Cells and Possible Mechanism with Syk and NF- κ B.

Pesticide use and risk of non-Hodgkin lymphoid malignancies in agricultural cohorts from France, Norway and the USA: a pooled analysis from the AGRICOH consortium.

Novel Endogenous Ligands of Aryl Hydrocarbon Receptor Mediate Neural Development and Differentiation of Neuroblastoma.

8-plex LC-MS/MS Analysis of Permethylated N-Glycans Achieved by Using Stable Isotopic Iodomethane.

Assessment of the carcinogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin using mouse embryonic stem cells to form teratoma in vivo.

Sulfated Glycoaminoglycans and Proteoglycan Syndecan-4 Are Involved in Membrane Fixation of LL-37 and Its Pro-Migratory Effect in Breast Cancer Cells.

Efficient Innate Immune Killing of Cancer Cells Triggered by Cell-Surface Anchoring of Multivalent Antibody-Recruiting Polymers.

Flow Cytometry Reveals the Nature of Oncotic Cells.

Gene expression and DNA methylation regulation of arsenic in mouse bladder tissues and in human urothelial cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin promotes injury-induced vascular neointima formation in mice.

Novel diterpenoid-type activators of the Keap1/Nrf2/ARE signaling pathway and their regulation of redox homeostasis.

Dietary CCPS from bitter melon attenuates sodium arsenite induced female reproductive ailments cum infertility in wistar rats: anti-inflammatory and anti-apoptotic role.

Targetome analysis of chaperone-mediated autophagy in cancer cells.

CDK4/6 inhibitor palbociclib suppresses IgE-mediated mast cell activation.

Divergent Synthesis and Evaluation of the in vitro Cytotoxicity Profiles of 3,4-Ethylenedioxythiophenyl-2-propen-1-one Analogues.

Incidence and mortality trends and geographic patterns of follicular lymphoma in Canada.

A comprehensive review on hepatoprotective and nephroprotective activities of chrysin against various drugs and toxic agents.

The uremic toxin p-cresol promotes the invasion and migration on carcinoma cells via Ras and mTOR signaling.

Establishing a role for environmental toxicant exposure induced epigenetic remodeling in malignant transformation.

Gene expression alterations of human liver cancer cells following borax exposure.

Advances in nanomaterials for use in photothermal and photodynamic therapeutics (Review).

Psammalyisin F increases the efficacy of bortezomib and sorafenib through regulation of stress granule formation.

Simultaneous controlled release of 5-FU, DOX and PTX from chitosan/PLA/5-FU/g-C3N4-DOX/g-C3N4-PTX triaxial nanofibers for breast cancer treatment in vitro.

An oligonucleotide probe incorporating the chromophore of green fluorescent protein is useful for the detection of HER-2 mRNA breast cancer marker.

Persistent organic pollutants, pesticides, and the risk of thyroid cancer: systematic review and meta-analysis.

ETIOSARC study : environmental aetiology of sarcomas from a French prospective multicentric population-based case-control study-study protocol.

In Vitro and In Vivo Anti-Breast Cancer Activities of Some Newly Synthesized 5-(thiophen-2-yl)thieno-[2,3-d]pyrimidin-4-one Candidates.

Extragenital cutaneous warts - clinical presentation, diagnosis and treatment.

Human exposure risk to semivolatile organic compounds via soil in automobile workshops in Awka, South Eastern, Nigeria.

ITE, an endogenous aryl hydrocarbon receptor ligand, suppresses endometrial cancer cell proliferation and migration.

Role of dantrolene in dinitrophenol (DNP) overdose: A continuing question?

Rapid Analysis of Effects of Environmental Toxicants on Tumorigenesis and Inflammation Using a Transgenic Zebrafish Model for Liver Cancer.

Limitations of pesticide genotoxicity testing using the bacterial in vitro method.

Immunohistochemistry of γ -H2AX as a method of early detection of urinary bladder carcinogenicity in mice.

Association of the human aryl hydrocarbon receptor repressor (AhRR)-c.565C>G transversion with male infertility: A case-control study from Iran.

In Vitro Study of the Anticancer Effects of Biotechnological Extracts of the Endangered Plant Species *Satureja Khuzistanica*.

RYR1 Sequence Variants in Myopathies: Expression and Functional Studies in Two Families.

Metabolic perturbation, proliferation and reactive oxygen species jointly contribute to cytotoxicity of human breast cancer cell induced by tetrabromo and tetrachloro bisphenol A.

Anti-MUC1 Aptamer as Carrier Tool of the Potential Radiosensitizer 1,10 Phenanthroline in MCF-7 Breast Cancer Cells.

Chiral phenoxyacetic acid analogues inhibit colon cancer cell proliferation acting as PPAR γ partial agonists.

2,3,7,8-tetrachlorodibenzo-p-dioxin suppresses the growth of human colorectal cancer cells in vitro: Implication of the aryl hydrocarbon receptor signaling.

Effect of continuous venovenous haemodialysis on outcome and pharmacokinetics of arsenic species in a patient with acute promyelocytic leukaemia and acute kidney injury.

Role of thymoquinone and ebselen in the prevention of sodium arsenite-induced nephrotoxicity in female rats.

Crizotinib-induced erosive esophagitis in a pediatric patient with neuroblastoma.

Development of iron(II) sulfate nanoparticles produced by hot-melt extrusion and their therapeutic potentials for colon cancer.

[Mortality in the population surrounding an aluminum foundry in Eastern Piedmont, Italy, 1980-2017].

The uremic toxin p-cresyl sulfate induces proliferation and migration of clear cell renal cell carcinoma via microRNA-21/ HIF-1 axis signals.

Arsenic-induced BRCA1 CpG promoter methylation is associated with the downregulation of ER α and resistance to tamoxifen in MCF7 breast cancer cells and mouse mammary tumor xenografts.

Sodium azide induces mitochondria-mediated apoptosis in PC12 cells through Pgc1 α -associated signaling pathway.

Cell surface heparan sulfate proteoglycans are involved in the extracellular Hsp90-stimulated migration and invasion of cancer cells.

Long-term airborne dioxin exposure and breast cancer risk in a case-control study nested within the French E3N prospective cohort.

Perinatal polychlorinated biphenyls and polychlorinated dibenzofurans exposure are associated with DNA methylation changes lasting to early adulthood: Findings from Yucheng second generation.

Ultrasensitivity dynamics of diverse aryl hydrocarbon receptor modulators in a hepatoma cell line.

Urinary 2,5-dichlorophenol and 2,4-dichlorophenol concentrations and prevalent disease among adults in the National Health and Nutrition Examination Survey (NHANES).

Enhanced PAPSS2/VCAN sulfation axis is essential for Snail-mediated breast cancer cell migration and metastasis.

KML001, an arsenic compound, as salvage chemotherapy in refractory biliary tract cancers: A prospective study.

Tropolone-induced effects on the unfolded protein response pathway and apoptosis in multiple myeloma cells are dependent on iron.

A two-photon excited O(2)-evolving nanocomposite for efficient photodynamic therapy against hypoxic tumor.

A ruthenium(II) complex containing a p-cresol group induces apoptosis in human cervical carcinoma cells through endoplasmic reticulum stress and reactive oxygen species production.

Constitutive Activation of the Human Aryl Hydrocarbon Receptor in Mice Promotes Hepatocarcinogenesis Independent of Its Coactivator Gadd45b.

Development and performance evaluation of a GIS-based metric to assess exposure to airborne pollutant emissions from industrial sources.

A Toxicogenomic Approach Reveals a Novel Gene Regulatory Network Active in In Vitro and In Vivo Models of Thyroid Carcinogenesis.

Role of mitochondrial DNA in oxidative damage induced by sodium arsenite in human bronchial epithelial cells.

Development of a database on key characteristics of human carcinogens.

Hygienic assessment of the effects of pesticides application on children population morbidity with thyroid gland diseases.

Exposure to environmental concentrations of hexachlorobenzene induces alterations associated with endometriosis progression in a rat model.

Sulforaphane promotes chlamydial infection by suppressing mitochondrial protein oxidation and activation of complement C3.

Modelling the role of microbial p-cresol in colorectal genotoxicity.

Gut microbiome disruption altered the biotransformation and liver toxicity of arsenic in mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces peripheral blood abnormalities and plasma cell neoplasms resembling multiple myeloma in mice.

Metabolism and disposition of arsenic species from oral dosing with sodium arsenite in neonatal CD-1 mice. IV. Toxicokinetics following gavage administration and lactational transfer.

Novel metabolites from *Trichoderma atroviride* against human prostate cancer cells and their inhibitory effect on *Helicobacter pylori* and *Shigella* toxin producing *Escherichia coli*.

A method of detecting two tumor markers (p-hydroxybenzoic acid and p-cresol) in human urine using a porous magnetic β -cyclodextrine polymer as solid phase extractant, an alternative for early gastric cancer diagnosis.

Aryl Hydrocarbon Receptor Modulates the Expression of TNF- α and IL-8 in Human Sebocytes via the MyD88-p65NF- κ B/p38MAPK Signaling Pathways.

Ameliorative effects of crocin on paraquat-induced oxidative stress in testis of adult mice: An experimental study.

Ambient volatile organic compounds in a suburban site between Beijing and Tianjin: Concentration levels, source apportionment and health risk assessment.

Annual changes in concentrations and health risks of PCDD/Fs, DL-PCBs and organochlorine pesticides in ambient air based on the Global Monitoring Plan in São Paulo.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Disrupts Control of Cell Proliferation and Apoptosis in a Human Model of Adult Liver Progenitors.

Levels and risk assessment of residual phthalates, polycyclic aromatic hydrocarbons and semi-volatile chlorinated organic compounds in toilet tissue papers.

Oxidative DNA Cleavage, Formation of \cdot OH-1,1-Hydroperoxo Species, and Cytotoxicity of Dicopper(II) Complex Supported by a p-Cresol-Derived Amide-Tether Ligand.

Prometryn induces apoptotic cell death through cell cycle arrest and oxidative DNA damage.

Therapeutic potential of *Origanum vulgare* leaf hydroethanolic extract against renal oxidative stress and nephrotoxicity induced by paraquat in rats.

Ultrasonic energy-assisted in-situ synthesis of Ru(0)/PANI/g-C(3)N(4) nanocomposite: Application for picomolar-level electrochemical detection of endocrine disruptor (Bisphenol-A) in humans and animals.

Metabolism and disposition of arsenic species from controlled dosing with sodium arsenite in adult and neonatal rhesus monkeys. VI. Toxicokinetic studies following oral administration.

The Customizable E-cigarette Resistance Influences Toxicological Outcomes: Lung Degeneration, Inflammation, and Oxidative Stress-Induced in a Rat Model.

TCDD-Inducible Poly-ADP-Ribose Polymerase (TIPARP), A Novel Therapeutic Target Of Breast Cancer.

Tannic acid modulates intestinal barrier functions associated with intestinal morphology, antioxidative activity, and intestinal tight junction in a diquat-induced mouse model.

In vitro application of sodium arsenite to mice testicular and epididymal organ cultures induces oxidative, biochemical, hormonal, and genotoxic stress.

Effect of Benzo(a)pyrene on the Expression of miR-483-3p in Hepatocyte Primary Culture and Rat Liver.

Xenopus laevis as a Bioindicator of Endocrine Disruptors in the Region of Central Chile.

Nrf2-regulated miR-380-3p Blocks the Translation of Sp3 Protein and Its Mediation of Paraquat-Induced Toxicity in Mouse Neuroblastoma N2a Cells.

Environmental and health risks related to waste incineration.

Determining the endocrine disruption potential of industrial chemicals using an integrative approach: Public databases, in vitro exposure, and modeling receptor interactions.

Arsenic exposure during prepuberty alters prostate maturation in pubescent rats.

Identification of flavouring chemicals and potential toxicants in e-cigarette products in Ontario, Canada.

Glyphosate Primes Mammary Cells for Tumorigenesis by Reprogramming the Epigenome in a TET3-Dependent Manner.

Aryl hydrocarbon receptor ligands increase ABC transporter activity and protein expression in killifish (*Fundulus heteroclitus*) renal proximal tubules.

Congener-specific composition of polychlorinated biphenyls (PCBs) in soil-air partitioning and the associated health risks.

Quantitation of Lipid Peroxidation Product DNA Adducts in Human Prostate by Tandem Mass Spectrometry: A Method That Mitigates Artifacts.

Neuroprotective effects of anthocyanins and its major component cyanidin-3-O-glucoside (C3G) in the central nervous system: An outlined review.

Obesity and cancer: A mechanistic overview of metabolic changes in obesity that impact genetic instability.

AhR Activation in Pharmaceutical Development: Applying Liver Gene Expression Biomarker Thresholds to Identify Doses Associated With Tumorigenic Risks in Rats.

Different stability-indicating chromatographic methods for specific determination of paracetamol, dantrolene sodium, their toxic impurities and degradation products.

Gut microbial transformation of the dietary mutagen MeIQx may reduce exposure levels without altering intestinal transport.

2,3,7,8-Tetrachlorodibenzo-p-dioxin modifies alternative splicing in mouse liver.

Defining the Contribution of CYP1A1 and CYP1A2 to Drug Metabolism Using Humanized CYP1A1/1A2 and Cyp1a1/Cyp1a2 Knockout Mice.

Exposure to environmental toxicants reduces global N6-methyladenosine RNA methylation and alters expression of RNA methylation modulator genes.

Bis-cations with two 2,3-diferrocenylcyclopropenium fragments stabilized with diamino-alkanes: Synthesis and cytotoxic activity.

Proposed Key Characteristics of Female Reproductive Toxicants as an Approach for Organizing and Evaluating Mechanistic Data in Hazard Assessment.

Arsenic compounds induce apoptosis through caspase pathway activation in MA-10 Leydig tumor cells.

Effect of the SSeCKS-TRAF6 interaction on gastrin-mediated protection against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced astrocyte activation and neuronal death.

Effect of plant extracts on the genotoxicity of 1'-hydroxy alkenylbenzenes.

Neuroprotective Role of Selected Antioxidant Agents in Preventing Cisplatin-Induced Damage of Human Neurons In Vitro.

Effects of CO₃(²⁻) and OH(⁻) on the solubility, metastable zone width and nucleation kinetics of borax decahydrate.

One-Pot Synthesis of Metastable 2,5-Dihydrooxepines through Retro-Claisen Rearrangements: Method and Applications.

A Quantitative HILIC-MS/MS Assay of the Metabolic Response of Huh-7 Cells Exposed to 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Altered Gene Expression in Dioxin-Like and Non-Dioxin-Like PCB Exposed Peripheral Blood Mononuclear Cells.

Dioxin and Related Compound Detection: Perspectives for Optical Monitoring.

Direct readout protonophore induced selective uncoupling and dysfunction of individual mitochondria within cancer cells.

Assessment of the major odor contributors and health risks of volatile compounds in three disposal technologies for municipal solid waste.

PCDDs, PCDFs and PCBs in locally produced foods as health risk factors in Silesia Province, Poland.

Thiamine and benfotiamine protect neuroblastoma cells against paraquat and A β -amyloid toxicity by a coenzyme-independent mechanism.

Epidemiology of ocular surface squamous neoplasia in veterans: a retrospective case-control study.

Mitochondria and Nuclei Dual-Targeted Hollow Carbon Nanospheres for Cancer Chemophotodynamic Synergistic Therapy.

Identification of acrolein metabolites in human buccal cells, blood, and urine after consumption of commercial fried food.

Organoselenotriazoles attenuate oxidative damage induced by mitochondrial dysfunction in mev-1 *Caenorhabditis elegans* mutants.

Protective Effect of Hesperidin on Sodium Arsenite-Induced Nephrotoxicity and Hepatotoxicity in Rats.

The Health Risks of Electronic Cigarette Use to Bystanders.

A Protective Role of Aryl Hydrocarbon Receptor Repressor in Inflammation and Tumor Growth.

Colorimetric Detection of Carcinogenic Alkylating Fumigants on a Nylon 6 Nanofibrous Membrane. Part II: Self-Catalysis of 2-Diethylaminoethyl-Modified Sensor Matrix for Improvement of Sensitivity.

Formation of dioxins from triclosan with active chlorine: A potential risk assessment.

The Impact of Long-term Exposure to Low Levels of Inorganic Arsenic on the Hypomethylation of SEPT9 Promoter in Epithelial-Mesenchymal Transformed Colorectal Cancer Cell Lines.

Dimethylarsinic acid may promote prostate carcinogenesis in rats.

Differential Free Intracellular Calcium Release by Class II Antiarrhythmics in Cancer Cell Lines.

Elevated arsenic exposure and efficient arsenic metabolism in indigenous women around Lake Poopó³, Bolivia.

Extract of *Deschampsia antarctica* (EDA) Prevents Dermal Cell Damage Induced by UV Radiation and 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

The histone methyltransferase G9a regulates tolerance to oxidative stress-induced energy consumption.

The Main Metabolites of Fluorouracil + Adriamycin + Cyclophosphamide (FAC) Are Not Major Contributors to FAC Toxicity in H9c2 Cardiac Differentiated Cells.

Compositional and Functional Differences between Microbiota and Cervical Carcinogenesis as Identified by Shotgun Metagenomic Sequencing.

ER stress differentially affects pro-inflammatory changes induced by mitochondrial dysfunction in the human monocytic leukemia cell line, THP-1.

Native roles of Baeyer-Villiger monooxygenases in the microbial metabolism of natural compounds.

Radiosynthesis and in vivo evaluation of (11)C-labeled BMS-193885 and its desmethyl analog as PET tracers for neuropeptide Y1 receptors.

Hatching failure and accumulation of organic pollutants through the terrestrial food web of a declining songbird in Western Europe.

Inhalation bioaccessibility of PAHs in PM(2.5): Implications for risk assessment and toxicity prediction.

IPSE, a urogenital parasite-derived immunomodulatory protein, ameliorates ifosfamide-induced hemorrhagic cystitis through downregulation of pro-inflammatory pathways.

Chronic low dose arsenic exposure preferentially perturbs mitotic phase of the cell cycle.

Evaluation of 12 mouse marker genes in rat toxicogenomics public data, Open TG-GATEs: Discrimination of genotoxic from non-genotoxic hepatocarcinogens.

Synthesis and evaluation of 4-(2-fluoro-4-[(11)C]methoxyphenyl)-5-((2-methylpyridin-4-yl)methoxy)picolinamide for PET imaging of the metabotropic glutamate receptor 2 in the rat brain.

Molecular mechanism involved in cyclophosphamide-induced cardiotoxicity: Old drug with a new vision.

Cascade Reaction in Human Live Tissue Allows Clinically Applicable Diagnosis of Breast Cancer Morphology.

Ameliorative effect of gallic acid on sodium arsenite-induced spleno-, cardio- and hemato-toxicity in rats.

The antiSMASH database version 2: a comprehensive resource on secondary metabolite biosynthetic gene clusters.

Bioactive Lipids in Cancer, Inflammation and Related Diseases : Acute and Chronic Mild Traumatic Brain Injury Differentially Changes Levels of Bioactive Lipids in the CNS Associated with Headache.

An Increased Level of Aryl Hydrocarbon Receptor in Patients with Pancreatic Cancer.

Synthesis and Antibacterial Activity of Mefloquine-Based Analogs Against Sensitive and Resistant Mycobacterium tuberculosis Strains.

Taurine rescues the arsenic-induced injury in the pancreas of rat offsprings and in the INS-1 cells.

Protective effect of lycopene against chemical and natural toxins: A review.

Thermal processing food-related toxicants: a review.

Protective effect of resveratrol on urogenital sinus and prostate development in rats exposed in utero to TCDD (2,3,7,8-tetrachlorodibenzo-p-dioxin).

Atypical Gasdermin D and Mixed Lineage Kinase Domain-like Protein Leakage Aggravates Tetrachlorobenzoquinone-Induced Nod-like Receptor Protein 3 Inflammasome Activation.

Differential impact of pure glyphosate and glyphosate-based herbicide in a model of peripheral nervous system myelination.

Apigenin reverses lung injury and immunotoxicity in paraquat-treated mice.

Secretogranin III may be an indicator of paraquat-induced astrocyte activation and affects the recruitment of BDNF during this process.

Differences in apoptotic signaling and toxicity between dimethylmonothioarsinic acid (DMMTA(V)) and its active metabolite, dimethylarsinous acid (DMA(III)), in HepaRG cells: Possibility of apoptosis cascade based on diversity of active metabolites of DMMTA(V).

LGK974, a PORCUPINE inhibitor, mitigates cytotoxicity in an in vitro model of Parkinson's disease by interfering with the WNT/ β -CATENIN pathway.

Atrazine hinders PMA-induced neutrophil extracellular traps in carp via the promotion of apoptosis and inhibition of ROS burst, autophagy and glycolysis.

Paraquat-induced inflammatory response of microglia through HSP60/TLR4 signaling.

A commercial Roundup[®] formulation induced male germ cell apoptosis by promoting the expression of XAF1 in adult mice.

Glyphosate-based herbicides and cancer risk: a post-IARC decision review of potential mechanisms, policy and avenues of research.

Does cyclophosphamide still play a role in glomerular diseases?

The mechanism of DNA damage induced by Roundup 360 PLUS, glyphosate and AMPA in human peripheral blood mononuclear cells - genotoxic risk assessment.

Transplacental transfer and metabolism of diuron in human placenta.

Acrolein induces ribotoxic stress in human cancer cells regardless of p53 status.

NF- κ B/p53-activated inflammatory response involves in diquat-induced mitochondrial dysfunction and apoptosis.

Inorganic arsenic exposure increased expression of Fas and Bax gene in vivo and vitro.

Ready reckoning.

Atrazine promotes immunomodulation by melanomacrophage centre alterations in spleen and vascular disorders in gills from *Oreochromis niloticus*.

Naringin protects acrolein-induced pulmonary injuries through modulating apoptotic signaling and inflammation signaling pathways in mice.

Alachlor Use and Cancer Incidence in the Agricultural Health Study: An Updated Analysis.

Embryonic atrazine exposure elicits proteomic, behavioral, and brain abnormalities with developmental time specific gene expression signatures.

Enhanced mitochondrial DNA repair of the common disease-associated variant, Ser326Cys, of hOGG1 through small molecule intervention.

Glyphosate toxicity and carcinogenicity.

Glyphosate induces growth of estrogen receptor alpha positive cholangiocarcinoma cells via non-genomic estrogen receptor/ERK1/2 signaling pathway.

Pesticides and public health: an analysis of the regulatory approach to assessing the carcinogenicity of glyphosate in the European Union.

Pesticides as risk factors for head and neck cancer: A review.

[The effects of Xuebijing injection on apoptosis and expression of regulatory factors TNF- α , NF- κ B and Caspase-3 expression in the lung tissues of acute paraquat-induced rats].

Oxidative degradation of polyamines by serum supplement causes cytotoxicity on cultured cells.

Effects of glyphosate and its commercial formulation, Roundup(\hat{A}) Ultramax, on liver histology of tadpoles of the neotropical frog, *Leptodactylus latrans* (amphibia: Anura).

Influences of *Chlorella vulgaris* dietary supplementation on growth performance, hematology, immune response and disease resistance in *Oreochromis niloticus* exposed to sub-lethal concentrations of penoxsulam herbicide.

A human relevance investigation of PPAR γ -mediated key events in the hepatocarcinogenic mode of action of propaquizafop in rats.

The impact of Agent Orange exposure on prognosis and management in patients with chronic lymphocytic leukemia: a National Veteran Affairs Tumor Registry Study.

Neuroprotective effects of Cassia tora against paraquat-induced neurodegeneration: relevance for Parkinson's disease.

The need for independent research on the health effects of glyphosate-based herbicides.

The Ramazzini Institute 13-week pilot study on glyphosate and Roundup administered at human-equivalent dose to Sprague Dawley rats: effects on the microbiome.

[The effect of pulmonary injury in rats induced by paraquat].

Paraquat and MPTP alter microRNA expression profiles, and downregulated expression of miR-17-5p contributes to PQ-induced dopaminergic neurodegeneration.

Activity, toxicity, molecular docking, and environmental effects of three imidazolinone herbicides enantiomers.

Naringenin Exerts Anti-inflammatory Effects in Paraquat-Treated SH-SY5Y Cells Through a Mechanism Associated with the Nrf2/HO-1 Axis.

Commentary: IARC Monographs Program and public health under siege by corporate interests.

Deficiency of Atg6 impairs beneficial effect of metformin on intestinal stem cell aging in Drosophila.

Carcinogenicity of glyphosate: why is New Zealand's EPA lost in the weeds?

Acrolein Exposure in Hookah Smokers and Non-Smokers Exposed to Hookah Tobacco Secondhand Smoke: Implications for Regulating Hookah Tobacco Products.

Effects of surface charge and palladium on hepatic and kidney injury induced by polystyrene nanoparticles co-administered to mice with paraquat and cisplatin.

Effects of PQ's cytotoxicity on secretory vesicles in astroglia: Expression alternation of secretogranin II and its potential interaction with intracellular factors.

[Effect of sucralfate on cytokines in rat with paraquat poisoning].

Gene Duplication and Aneuploidy Trigger Rapid Evolution of Herbicide Resistance in Common Waterhemp.

Update to 'Re: Tarazona et al. (2017): glyphosate toxicity and carcinogenicity: a review of the scientific basis of the European Union assessment and its differences with IARC. doi: 10.1007/s00204-017-1962-5'.

Triptolide suppresses paraquat induced idiopathic pulmonary fibrosis by inhibiting TGFβ1-dependent epithelial mesenchymal transition.

Environmental and health effects of the herbicide glyphosate.

An engineered cell line lacking OGG1 and MUTYH glycosylases implicates the accumulation of genomic 8-oxoguanine as the basis for paraquat mutagenicity.

Assessment of hepatic metabolism-dependent nephrotoxicity on an organs-on-a-chip microdevice.

Preference of Aerosolized Pirfenidone to Oral Intake: An Experimental Model of Pulmonary Fibrosis by Paraquat.

Cellular Senescence Is Induced by the Environmental Neurotoxin Paraquat and Contributes to Neuropathology Linked to Parkinson's Disease.

The Monsanto Papers: Poisoning the scientific well.

A comparative study on subacute toxicity of arsenic trioxide and dimethylarsinic acid on antioxidant status in Crandell Rees feline kidney (CRFK), human hepatocellular carcinoma (PLC/PRF/5), and epithelioma papulosum cyprini (EPC) cell lines.

Paraquat affects mitochondrial bioenergetics, dopamine system expression, and locomotor activity in zebrafish (*Danio rerio*).

Carnosic Acid Induces Anti-Inflammatory Effects in Paraquat-Treated SH-SY5Y Cells Through a Mechanism Involving a Crosstalk Between the Nrf2/HO-1 Axis and NF- κ B.

TRPM2 Promotes Neurotoxin MPP(+)/MPTP-Induced Cell Death.

On the International Agency for Research on Cancer classification of glyphosate as a probable human carcinogen.

Cinnamaldehyde-Based Poly(ester-thioacetal) To Generate Reactive Oxygen Species for Fabricating Reactive Oxygen Species-Responsive Nanoparticles.

Phytantriol-based lyotropic liquid crystal as a transdermal delivery system.

Lack of superoxide dismutase in a rad51 mutant exacerbates genomic instability and oxidative stress-mediated cytotoxicity in *Saccharomyces cerevisiae*.

Stereoisomeric guaiacylglycerol- β -coniferyl aldehyde ether induces distinctive apoptosis by downregulation of MEK/ERK pathway in hepatocellular carcinoma cells.

Neuroprotective Activity of Some Marine Fungal Metabolites in the 6-Hydroxydopamin- and Paraquat-Induced Parkinson's Disease Models.

Cinnamic aldehyde inhibits vascular smooth muscle cell proliferation and neointimal hyperplasia in Zucker Diabetic Fatty rats.

'Real-world' compensatory behaviour with low nicotine concentration e-liquid: subjective effects and nicotine, acrolein and formaldehyde exposure.

Novel action of vinpocetine in the prevention of paraquat-induced parkinsonism in mice: involvement of oxidative stress and neuroinflammation.

Trans-cinnamic aldehyde inhibits *Aggregatibacter actinomycetemcomitans*-induced inflammation in THP-1-derived macrophages via autophagy activation.

Novel cinnamaldehyde-based aspirin derivatives for the treatment of colorectal cancer.

Paraquat toxicity is attenuated by 4-phenylbutyrate-induced phosphorylation of ERK2 via PI3K in A549 cells.

Orthogonal self-assembly of an organoplatinum(II) metallacycle and cucurbit[8]uril that delivers curcumin to cancer cells.

Aldehyde dehydrogenase 2 activation ameliorates cyclophosphamide-induced acute cardiotoxicity via detoxification of toxic aldehydes and suppression of cardiac cell death.

The activation of STIM1 mediates S-phase arrest and cell death in paraquat induced acute lung intoxication.

Protective Effects of Brain Infarction by N-Acetylcysteine Derivatives.

Glyphosate Use and Cancer Incidence in the Agricultural Health Study: An Epidemiologic Perspective.

Glyphosate Use and Cancer Incidence in the Agricultural Health Study.

Neutrophil extracellular traps in acrolein promoted hepatic ischemia reperfusion injury: Therapeutic potential of NOX2 and p38MAPK inhibitors.

The Neuroprotective Effects of Cinnamic Aldehyde in an MPTP Mouse Model of Parkinson's Disease.

Protective Effects of Chymostatin on Paraquat-Induced Acute Lung Injury in Mice.

Combination Therapy with Pirfenidone plus Prednisolone Ameliorates Paraquat-Induced Pulmonary Fibrosis.

Purinergic receptor P2Y6 contributes to 1-methyl-4-phenylpyridinium-induced oxidative stress and cell death in neuronal SH-SY5Y cells.

Immunomodulatory and therapeutic role of Cinnamomum verum extracts in collagen-induced arthritic BALB/c mice.

Acid-activatable oxidative stress-inducing polysaccharide nanoparticles for anticancer therapy.

DJ-1 Suppresses Cytoplasmic TDP-43 Aggregation in Oxidative Stress-Induced Cell Injury.

Anti-inflammatory effect of cinnamaldehyde and linalool from the leaf essential oil of Cinnamomum osmophloeum Kanehira in endotoxin-induced mice.

Hesperetin mitigates acrolein-induced apoptosis in lung cells in vitro and in vivo.

Biomethylation metabolism study of arsenite in SCC-7 cells by reversed phase ion pair high performance liquid chromatography-inductively coupled plasma-mass spectrometry.

In vitro inhibition of food borne mutagens induced mutagenicity by cinnamon (Cinnamomum cassia) bark extract.

Cow's milk neutralizes the cytotoxicity of acrolein, a putative carcinogen in cigarette smoke.

Multidrug Resistance Protein 1 (MRP1/ABCC1)-Mediated Cellular Protection and Transport of Methylated Arsenic Metabolites Differs between Human Cell Lines.

Dietary flavonoids improve urinary arsenic elimination among Mexican women.

Chronic adriamycin treatment impairs CGRP-mediated functions of meningeal sensory nerves.

Anti-inflammatory effects of trans-cinnamaldehyde on lipopolysaccharide-stimulated macrophage activation via MAPKs pathway regulation.

Risk management of ochratoxigenic fungi and ochratoxin A in maize grains by bioactive EVOH films containing individual components of some essential oils.

Detoxification Mechanism of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Carbonyl Compounds in Cigarette Smoke Observed in Sheep Erythrocytes.

The Aryl Hydrocarbon Receptor and the Maintenance of Lung Health.

Retinoic acid co-treatment aggravates severity of dioxin-induced skin lesions in hairless mice via induction of inflammatory response.

Chiral pharmaceuticals: Environment sources, potential human health impacts, remediation technologies and future perspective.

Cigarette Smoke Toxins-Induced Mitochondrial Dysfunction and Pancreatitis Involves Aryl Hydrocarbon Receptor Mediated Cyp1 Gene Expression: Protective Effects of Resveratrol.

Design of a Biocompatible and Ratiometric Fluorescent probe for the Capture, Detection, Release, and Reculture of Rare Number CTCs.

Genetic background and window of exposure contribute to thyroid dysfunction promoted by low-dose exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice.

Research on mechanism of PCS in damaging vascular endothelial cells and promoting formation of atherosclerosis via TLR4/TREM-1.

Morphological evaluation of liposomal iron carriers.

Cohort study of workers at a New Zealand agrochemical plant to assess the effect of dioxin exposure on mortality.

Effect of Norepinephrine on Intracellular Ca^{2+} Levels in Malignant Hyperthermia-Susceptible B Cells: Pilot Study in the Search for a New Diagnostic Test for Malignant Hyperthermia.

Sperm epigenome as a marker of environmental exposure and lifestyle, at the origin of diseases inheritance.

Anemia in Older Adults.

2,3,7,8-Tetrachlorodibenzo-p-dioxin suppresses the growth of human liver cancer HepG2 cells in vitro: Involvement of cell signaling factors.

miR-145 via targeting ERCC2 is involved in arsenite-induced DNA damage in human hepatic cells.

METCAM/MUC18 Decreases the Malignant Propensity of Human Ovarian Carcinoma Cells.

Aryl hydrocarbon receptor enhances the expression of miR-150-5p to suppress in prostate cancer progression by regulating MAP3K12.

Exploring a Novel Screening Method for Patients with Oral Squamous Cell Carcinoma: A plasma Metabolomics Analysis.

[Risk assessment of dioxin in the surrounding area of a waste incineration plant in Beijing].

Protective effect of simvastatin on arterial plaque instability induced by p-cresyl sulfate.

Aryl hydrocarbon receptor, a tumor grade-associated marker of oral cancer, is directly downregulated by polydatin: A pilot study.

Health Risk Assessment of Occupationally Pesticide-Exposed Population of Cancer Prone Area of Punjab.

Acute Maneb Exposure Significantly Alters Both Glycolysis and Mitochondrial Function in Neuroblastoma Cells.

Cytochrome C oxidase Inhibition and Cold Plasma-derived Oxidants Synergize in Melanoma Cell Death Induction.

Chemical Tools for Targeted Amplification of Reactive Oxygen Species in Neutrophils.

Sensitization of colorectal cancer cells to irinotecan by the Survivin inhibitor LLP3 depends on XAF1 proficiency in the context of mutated p53.

Selective synthesis of 7-O-substituted luteolin derivatives and their melanogenesis and proliferation inhibitory activity in B16 melanoma cells.

Clinical pharmacokinetics and safety profile of single agent arsenic trioxide by continuous slow-rate infusion in patients with newly diagnosed acute promyelocytic leukemia.

The citrus flavonone hesperetin attenuates the nuclear translocation of aryl hydrocarbon receptor.

Adaptive changes in global gene expression profile of lung carcinoma A549 cells acutely exposed to distinct types of AhR ligands.

N(6)-methyladenosine mediates the cellular proliferation and apoptosis via microRNAs in arsenite-transformed cells.

RASopathia comedone-like or cystic lesions induced by vemurafenib: a model of skin lesions similar but not identical to those induced by dioxins MADISH.

Protective Effect of Ellagic Acid Against Sodium Arsenite-Induced Cardio- and Hematotoxicity in Rats.

Evaluation of metabolic reactivity in macrophages from mice with chronic sodium arsenite intake and experimental carcinogenesis.

Oxymatrine attenuates lipopolysaccharide-induced acute lung injury by activating the epithelial sodium channel and suppressing the JNK signaling pathway.

Comparative study of persistent organic pollutant (POP) (chlorinated pesticides, PCBs, and dioxins/furans) concentrations in cancer-affected human organs with those of healthy organs.

Arsenic speciation in hair and nails of acute promyelocytic leukemia (APL) patients undergoing arsenic trioxide treatment.

Polymorphisms of Arsenic (+3 Oxidation State) Methyltransferase and Arsenic Methylation Capacity Affect the Risk of Bladder Cancer.

Hyperpigmentation and higher incidence of cutaneous malignancies in moderate-high PCB- and dioxin exposed individuals.

Arsenic induces cardiac rhythm dysfunction and acylcarnitines metabolism perturbation in rats.

Metabolic Activation of the Cooked Meat Carcinogen 2-Amino-1-Methyl-6-Phenylimidazo[4,5-b]Pyridine in Human Prostate.

SLC6A19 is a novel putative gene, induced by dioxins via AhR in human hepatoma HepG2 cells.

The Effect of Boric Acid and Borax on Oxidative Stress, Inflammation, ER Stress and Apoptosis in Cisplatin Toxication and Nephrotoxicity Developing as a Result of Toxication.

Low doses of bioherbicide favour prion aggregation and propagation in vivo.

Photosensitized Protein-Damaging Activity, Cytotoxicity, and Antitumor Effects of P(V)porphyrins Using Long-Wavelength Visible Light through Electron Transfer.

Hazard assessment of three haloacetic acids, as byproducts of water disinfection, in human urothelial cells.

Towards Resolving the Pro- and Anti-Tumor Effects of the Aryl Hydrocarbon Receptor.

Loss of the Thioretinaco Ozonide Oxygen Adenosine Triphosphate Complex from Mitochondria Produces Mitochondrial Dysfunction and Carcinogenesis.

The effect of ellagic acid on photodynamic therapy in leukemia cells.

Metabolism and disposition of arsenic species after repeated oral dosing with sodium arsenite in drinking water. II. Measurements in pregnant and fetal CD-1 mice.

Optically-controlled bacterial metabolite for cancer therapy.

Quercetin-3-O-β-L-arabinopyranoside protects against retinal cell death via blue light-induced damage in human RPE cells and Balb-c mice.

Assessing Residential Exposure Risk from Spills of Flowback Water from Marcellus Shale Hydraulic Fracturing Activity.

Application of the key characteristics of carcinogens in cancer hazard identification.

The possible neuroprotective effect of ellagic acid on sodium arsenate-induced neurotoxicity in rats.

Polycyclic aromatic hydrocarbons (PAHs) in sediments from a typical urban impacted river: application of a comprehensive risk assessment.

Genetic and functional analysis of the RYR1 mutation p.Thr84Met revealed a susceptibility to malignant hyperthermia.

Role of Peroxiredoxin 2 in the Protection Against Ferrous Sulfate-Induced Oxidative and Inflammatory Injury in PC12 Cells.

Phase III randomized trial comparing intravenous to oral iron in patients with cancer-related iron deficiency anemia not on erythropoiesis stimulating agents.

Carnosine attenuates cyclophosphamide-induced bone marrow suppression by reducing oxidative DNA damage.

Anti-inflammatory evaluation and characterization of leaf extract of *Ananas comosus*.

Diterpene ginkgolides meglumine injection protects against paraquat-induced lung injury and pulmonary fibrosis in rats.

Resistance is $\hat{\epsilon}^{\dagger}$ complex.

The AKT/BCL-2 Axis Mediates Survival of Uterine Leiomyoma in a Novel 3D Spheroid Model.

The impaired immune function and structural integrity by dietary iron deficiency or excess in gill of fish after infection with *Flavobacterium columnare*: Regulation of NF- $\hat{\rho}$ B, TOR, JNK, p38MAPK, Nrf2 and MLCK signalling.

Receptor activities of persistent pollutant serum mixtures and breast cancer risk.

Cellular shear stiffness reflects progression of arsenic-induced transformation during G1.

Assessment of long-term exposure to airborne dioxin and cadmium concentrations in the Lyon metropolitan area (France).

Roles of cytosolic phospholipase A(2) $\hat{\pm}$ in reproductive and systemic toxicities in 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed mice.

Maternal residential pesticide use during pregnancy and risk of malignant childhood brain tumors: A pooled analysis of the ESCALE and ESTELLE studies (SFCE).

The aryl hydrocarbon receptor regulates the expression of TIPARP and its cis long non-coding RNA, TIPARP-AS1.

High AHR expression in breast tumors correlates with expression of genes from several signaling pathways namely inflammation and endogenous tryptophan metabolism.

Circular RNA BARD1 (Hsa_circ_0001098) overexpression in breast cancer cells with TCDD treatment could promote cell apoptosis via miR-3942/BARD1 axis.

Role of AhR in regulating cancer stem cell-like characteristics in choriocarcinoma.

Hygienic assessment of the effects of pesticides application on adult population morbidity with thyroid gland diseases.

Dioxin induces expression of hsa-miR-146b-5p in human neuroblastoma cells.

Epigenetic Therapy: Novel Translational Implications for Arrest of Environmental Dioxin-Induced Disease in Females.

Utility of fur as a biomarker for persistent organic pollutants in Australian fur seals (*Arctocephalus pusillus doriferus*).

Short androgen receptor poly-glutamine-promoted endometrial cancer is associated with benzo[a]pyrene-mediated aryl hydrocarbon receptor activation.

Genome-wide mapping and analysis of aryl hydrocarbon receptor (AHR)- and aryl hydrocarbon receptor repressor (AHRR)-binding sites in human breast cancer cells.

Effects of Endocrine-Disrupting Chemicals and Epigenetic Modifications in Ovarian Cancer: A Review.

TCDD Toxicity Mediated by Epigenetic Mechanisms.

Colorimetric Detection of Carcinogenic Alkylating Fumigants on Nylon-6 Nanofibrous Membrane. Part I: Investigation of 4-(p-Nitrobenzyl)pyridine as a "New" Sensing Agent with Ultrahigh Sensitivity.

Bifunctional aptasensor based on novel two-dimensional nanocomposite of MoS₂ quantum dots and g-C₃N₄ nanosheets decorated with chitosan-stabilized Au nanoparticles for selectively detecting prostate specific antigen.

Production of bioactive cyclotides in somatic embryos of *Viola odorata*.

Glutathione-S-transferase-theta genotypes and the risk of cyclophosphamide toxicity in dogs.

Amplified photoelectrochemical immunoassay for the tumor marker carbohydrate antigen 724 based on dye sensitization of the semiconductor composite C₃N₄-MoS₂.

Serum organochlorine pesticides residues and risk of cancer: A case-control study.

Acute stimulatory effect of tumor necrosis factor on the basolateral 50 pS K channels in the thick ascending limb of the rat kidney.

Featured structure-activity relationships for some tri- and tetrachlorobiphenyls in human CYP2E1-activated mutagenicity - Impact of the extent of ortho-chlorination.

Environmental and Life-Style Related Risk Factors for Sinonasal and Nasopharyngeal Malignancies among a Prospective Cohort in Jos, Nigeria.

Sodium arsenite exposure inhibits histone acetyltransferase p300 for attenuating H3K27ac at enhancers in mouse embryonic fibroblast cells.

Photophysicochemical properties and photodynamic therapy activity of highly water-soluble Zn(II) phthalocyanines.

Cell Penetration, Herbicidal Activity, and in-vivo-Toxicity of Oligo-Arginine Derivatives and of Novel Guanidinium-Rich Compounds Derived from the Biopolymer Cyanophycin.

Moderate levels of glyphosate and its formulations vary in their cytotoxicity and genotoxicity in a whole blood model and in human cell lines with different estrogen receptor status.

The concentration and probabilistic health risk assessment of pesticide residues in commercially available olive oils in Iran.

In vitro toxicity and in silico docking analysis of two novel selective AH-receptor modulators.

Distribution, seasonal variation and inhalation risks of polychlorinated dibenzo-p-dioxins and dibenzofurans, polychlorinated biphenyls and polybrominated diphenyl ethers in the atmosphere of Beijing, China.

Bioinformatics tools for the identification of gene clusters that biosynthesize specialized metabolites.

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin increases the activation of aryl hydrocarbon receptor and is associated with the aggressiveness of osteosarcoma MG-63 osteoblast-like cells.

Dose-Related Severity Sequence, and Risk-Based Integration, of Chemically Induced Health Effects.

Visible-light-driven dynamic cancer therapy and imaging using graphitic carbon nitride nanoparticles.

Volatile Organic Compounds of Malignant Breast Cancer Wounds: Identification and Odors.

Hapten-mediated recruitment of polyclonal antibodies to tumors engenders antitumor immunity.

Glyphosate-based herbicide enhances the uterine sensitivity to estradiol in rats.

Protein phosphatase 2A stimulates activation of TFEB and TFE3 transcription factors in response to oxidative stress.

Data on recurrent somatic embryogenesis and in vitro micropropagation of *Cnidium officinale* Makino.

The Role of Endocrine and Dioxin-Like Activity of Extracts of Petroleum Substances in Developmental Toxicity as Detected in a Panel of CALUX Reporter Gene Assays.

Photocatalytic decomposition of selected biologically active compounds in environmental waters using TiO₂/polyaniline nanocomposites: Kinetics, toxicity and intermediates assessment.

Aryl Hydrocarbon Receptor Regulates Apoptosis and Inflammation in a Murine Model of Experimental Autoimmune Uveitis.

Aldehydes are the predominant forces inducing DNA damage and inhibiting DNA repair in tobacco smoke carcinogenesis.

Ellagic acid: A promising protective remedy against testicular toxicity induced by arsenic.

Aryl hydrocarbon receptor and intestinal immunity.

Exposure and risk assessment to arsenic species in Spanish children using biomonitoring.

Lithium Treatment Aggregates the Adverse Effects on Erythrocytes Subjected to Arsenic Exposure.

Biogenic Synthesis of Novel Functionalized Selenium Nanoparticles by *Lactobacillus casei* ATCC 393 and Its Protective Effects on Intestinal Barrier Dysfunction Caused by Enterotoxigenic *Escherichia coli* K88.

Correction to 'Determination of carcinogenic herbicides in milk samples using green non-ionic silicone surfactant of cloud point extraction and spectrophotometry'.

Toxicology and carcinogenesis studies of p-chloro-*o*,*o*,*o*-trifluorotoluene in Sprague Dawley (Hsd:Sprague Dawley SD) rats and B6C3F1/N mice (inhalation studies).

PCB126 Inhibits the Activation of AMPK-CREB Signal Transduction Required for Energy Sensing in Liver.

Species-specific bioaccumulation and correlated health risk of arsenic compounds in freshwater fish from a typical mine-impacted river.

PAM-OBG: A monoamine oxidase B specific prodrug that inhibits MGMT and generates DNA interstrand crosslinks, potentiating temozolomide and chemoradiation therapy in intracranial glioblastoma.

Shielding effect of anethole against arsenic induced genotoxicity in cultured human peripheral blood lymphocytes and effect of GSTO1 polymorphism.

A Review of Environmental Occurrence, Fate, Exposure, and Toxicity of Benzothiazoles.

Mutagenicity and antimutagenicity of *Salacia crassifolia* (Mart. Ex. Schult.) G. Don. evaluated by Ames test.

sEcad and EGF Levels Increased in Urine of Non-ferrous Metal Workers and Medium of Uroepithelial Cell Line Treated by Arsenic.

Palmitic acid induces neurotoxicity and gliotoxicity in SH-SY5Y human neuroblastoma and T98G human glioblastoma cells.

Determination of carcinogenic herbicides in milk samples using green non-ionic silicone surfactant of cloud point extraction and spectrophotometry.

What is the meaning of 'A compound is carcinogenic'?

In vivo assessment of cyto/genotoxic, antigenotoxic and antifungal potential of *Costus spiralis* (Jacq.) Roscoe leaves and stems.

Adolescent Exposure to Toxic Volatile Organic Chemicals From E-Cigarettes.

Potential impurities in drug substances: Compound-specific toxicology limits for 20 synthetic reagents and by-products, and a class-specific toxicology limit for alkyl bromides.

Epidermal Growth Factor Receptor Signaling Disruption by Endocrine and Metabolic Disrupting Chemicals.

Comparative study of diesel and biodiesel exhausts on lung oxidative stress and genotoxicity in rats.

Cellular and Molecular Effects of Prolonged Low-Level Sodium Arsenite Exposure on Human Hepatic HepaRG Cells.

Pretty Good or Pretty Bad? The Ovary and Chemicals in Personal Care Products.

Curcumin and its derivatives inhibit 2,3,7,8-tetrachloro-dibenzo-p-dioxin-induced expression of drug metabolizing enzymes through aryl hydrocarbon receptor-mediated pathway.

Ferric citrate and ferric EDTA but not ferrous sulfate drive amphiregulin-mediated activation of the MAP kinase ERK in gut epithelial cancer cells.

Persistent organic pollutant emission via dust deposition throughout Pakistan: Spatial patterns, regional cycling and their implication for human health risks.

ER-stress mobilization of death-associated protein kinase-1-dependent xenophagy counteracts mitochondria stress-induced epithelial barrier dysfunction.

Arsenic Induces Members of the mmu-miR-466-669 Cluster Which Reduces NeuroD1 Expression.

In Silico-Based Repositioning of Phosphinothricin as a Novel Technetium-99m Imaging Probe with Potential Anti-Cancer Activity.

Catalase down-regulation in cancer cells exposed to arsenic trioxide is involved in their increased sensitivity to a pro-oxidant treatment.

Synthesis and Cytotoxic Evaluation of 1H-1,2,3-Triazol-1-ylmethyl-2,3-dihydronaphtho[1,2-b]furan-4,5-diones.

[Health Risk Assessment of Volatile Organic Compounds for Different Commuting Modes].

Haloacetic Acid Water Disinfection Byproducts Affect Pyruvate Dehydrogenase Activity and Disrupt Cellular Metabolism.

The rolB plant oncogene affects multiple signaling protein modules related to hormone signaling and plant defense.

Dioxin Exposure in the Manufacture of Pesticide Production as a Risk Factor for Death from Prostate Cancer: A Meta-analysis.

Analysis of expression profile data identifies key genes and pathways in hepatocellular carcinoma.

Synthesis of Scutellarein Derivatives with a Long Aliphatic Chain and Their Biological Evaluation against Human Cancer Cells.

Pink1 attenuates propofol-induced apoptosis and oxidative stress in developing neurons.

Alternative use of Bacillus subtilis spores: protection against environmental oxidative stress in human normal keratinocytes.

ATP Binding Cassette Sub-family Member 2 (ABCG2) and Xenobiotic Exposure During Early Mouse Embryonic Stem Cell Differentiation.

Aryl Hydrocarbon Receptor Antagonists Mitigate the Effects of Dioxin on Critical Cellular Functions in Differentiating Human Osteoblast-Like Cells.

[Pollution Status and Risks of Dioxin-like Polychlorinated Biphenyls in the Soil of the Yellow River].

[Effect of anthropo-technogenic load on medico-social aspects of primary morbidity and disability of population.].

A Review on the Expression and Metabolic Features of Orphan Human Cytochrome P450 2S1 (CYP2S1).

Arsenite exposure potentiates apoptosis-inducing effects of tumor necrosis factor-alpha- through reactive oxygen species.

Improving risk stratification among veterans diagnosed with prostate cancer: impact of the 17-gene prostate score assay.

Micro-pollutants in sediment samples in the middle Danube region, Serbia: occurrence and risk assessment.

Protection by extra virgin olive oil against oxidative stress in vitro and in vivo. Chemical and biological studies on the health benefits due to a major component of the Mediterranean diet.

Propolis supplementation attenuates the negative effects of oxidative stress induced by paraquat injection on productive performance and immune function in turkey poults.

Editor's Highlight: Structure-Based Investigation on the Binding and Activation of Typical Pesticides With Thyroid Receptor.

Intracellular Ca(2+) is an essential factor for cell damage induced by unsaturated carbonyl compounds.

Mixture Toxicity of Bensulfuron-Methyl and Acetochlor to Red Swamp Crayfish (*Procambarus clarkii*): Behavioral, Morphological and Histological Effects.

Facts and Fallacies in the Debate on Glyphosate Toxicity.

Dopaminergic Dysfunction in Mammalian Dopamine Neurons Induced by Simazine Neurotoxicity.

A review of Agent Orange and its associated oncologic risk of genitourinary cancers.

Personal exposure and health risk assessment of carbonyls in family cars and public transports-a comparative study in Nanjing, China.

Health risk assessment of an abandoned herbicide factory site for transportation use in Dalian, China.

Exploring exposure to Agent Orange and increased mortality due to bladder cancer.

Porous Se@SiO(2) nanospheres treated paraquat-induced acute lung injury by resisting oxidative stress.

Atrazine induced epigenetic transgenerational inheritance of disease, lean phenotype and sperm epimutation pathology biomarkers.

[Effects of small RNA interference targeting mammalian target of rapamycin on paraquat-induced pulmonary fibrosis in rats].

Exposure to 2,4-dichlorophenoxyacetic acid induces oxidative stress and apoptosis in mouse testis.

Response to the reply by C. J. Portier and P. Clausen, concerning our review "Glyphosate toxicity and carcinogenicity: a review of the scientific basis of the European Union assessment and its differences with IARC".

Health risks of environmental exposure to metals and herbicides in the Pardo River, Brazil.

Re: Tarazona et al. (2017): Glyphosate toxicity and carcinogenicity: a review of the scientific basis of the European Union assessment and its differences with IARC. doi: 10.1007/s00204-017-1962-5.

Cyclophosphamide and acrolein induced oxidative stress leading to deterioration of metaphase II mouse oocyte quality.

JWA antagonizes paraquat-induced neurotoxicity via activation of Nrf2.

Glyphosate toxicity and carcinogenicity: a review of the scientific basis of the European Union assessment and its differences with IARC.

Occupational, dietary, and other risk factors for myelodysplastic syndromes in Western Greece.

Tanshinone I Induces Mitochondrial Protection through an Nrf2-Dependent Mechanism in Paraquat-Treated Human Neuroblastoma SH-SY5Y Cells.

Exploring the potential confounder of nitrogen fertilizers in the relationship between pesticide exposures and risk of leukemia: a Poisson regression with two-way fixed-effects analysis.

Veterans and Agent Orange: Update 2014.

Experimental study of sucralfate intervention for paraquat poisoning in rats.

Arginine metabolism and its protective effects on intestinal health and functions in weaned piglets under oxidative stress induced by diquat.

Toll-like receptor 9 mediates paraquat-induced acute lung injury: an in vitro and in vivo study.

Is it time to reassess current safety standards for glyphosate-based herbicides?

IARC use of oxidative stress as key mode of action characteristic for facilitating cancer classification: Glyphosate case example illustrating a lack of robustness in interpretative implementation.

The use of charcoal in modified cigarette filters for mainstream smoke carbonyl reduction.

Mfn2 protects dopaminergic neurons exposed to paraquat both in vitro and in vivo: Implications for idiopathic Parkinson's disease.

A novel zebrafish-based model of nociception.

The association of cancer risks with pentachlorophenol exposure: Focusing on community population in the areas along certain section of Yangtze River in China.

2,4-dichlorophenoxyacetic acid (2,4-D) and risk of non-Hodgkin lymphoma: a meta-analysis accounting for exposure levels.

2,4-Dichlorophenoxyacetic acid and non-Hodgkin's lymphoma: results from the Agricultural Health Study and an updated meta-analysis.

Evaluation of various glyphosate concentrations on DNA damage in human Raji cells and its impact on cytotoxicity.

Metastasis suppressor NM23 limits oxidative stress in mammals by preventing activation of stress-activated protein kinases/JNKs through its nucleoside diphosphate kinase activity.

Exposures to the environmental toxicants pentachlorophenol (PCP) and dichlorodiphenyltrichloroethane (DDT) modify secretion of interleukin 1-beta (IL-1 β) from human immune cells.

Comparison of questionnaire data and analyzed dioxin concentrations as a measure of exposure in soft-tissue sarcoma studies.

MyD88 gene knockout attenuates paraquat-induced acute lung injury.

Effects of pentachlorophenol and dichlorodiphenyltrichloroethane on secretion of interferon gamma (IFN γ) and tumor necrosis factor alpha (TNF α) from human immune cells.

Ustiloxin G, a New Cyclopeptide Mycotoxin from Rice False Smut Balls.

Epigallocatechin-3-gallate alleviates paraquat-induced acute lung injury and inhibits upregulation of toll-like receptors.

Neonatal exposure to a glyphosate based herbicide alters the development of the rat uterus.

Protective effects of activated signaling pathways by insulin on C6 glial cell model of MPP(+)-induced Parkinson's disease.

The protective effects of Cichorium glandulosum seed and cynarin against cyclophosphamide and its metabolite acrolein-induced hepatotoxicity in vivo and in vitro.

Acrolein scavengers, cysteamine and N-benzylhydroxylamine, reduces the mouse liver damage after acetaminophen overdose.

Organophosphorus Xenobiotic Toxicology.

Idh2 Deficiency Exacerbates Acrolein-Induced Lung Injury through Mitochondrial Redox Environment Deterioration.

Resveratrol and Montelukast Alleviate Paraquat-Induced Hepatic Injury in Mice: Modulation of Oxidative Stress, Inflammation, and Apoptosis.

Protective action of Omega-3 on paraquat intoxication in Drosophila melanogaster.

Liver X Receptor Agonist TO901317 Attenuates Paraquat-Induced Acute Lung Injury through Inhibition of NF- κ B and JNK/p38 MAPK Signal Pathways.

[Unexplored Chemical Reactions of Endogenous Acrolein: Detection, Toxicity, and Biological Roles].

Curcumin attenuates paraquat-induced cell death in human neuroblastoma cells through modulating oxidative stress and autophagy.

Beneficial Effects of the Amino Acid Glycine.

Aldo-keto reductase 1B10 protects human colon cells from DNA damage induced by electrophilic carbonyl compounds.

Cinnamaldehyde induces cell apoptosis mediated by a novel circular RNA hsa_circ_0043256 in non-small cell lung cancer.

[Protective effect of thalidomide on ALI induced by paraquat poisoning in rats and its mechanism].

Pinocembrin Provides Mitochondrial Protection by the Activation of the Erk1/2-Nrf2 Signaling Pathway in SH-SY5Y Neuroblastoma Cells Exposed to Paraquat.

Individual Amino Acid Supplementation Can Improve Energy Metabolism and Decrease ROS Production in Neuronal Cells Overexpressing Alpha-Synuclein.

The protective effect of cinnamaldehyde on lipopolysaccharide induced acute lung injury in mice.

Targeted proteome analysis with isotope-coded protein labels for monitoring the influence of dietary phytochemicals on the expression of cytoprotective proteins in primary human colon cells.

Clathrin-Dependent Uptake of Paraquat into SH-SY5Y Cells and Its Internalization into Different Subcellular Compartments.

Cinnamomum verum ingredient 2-methoxycinnamaldehyde: a new antiproliferative drug targeting topoisomerase I and II in human lung squamous cell carcinoma NCI-H520 cells.

NLRP3 inflammasome activation regulated by NF- κ B and DAPK contributed to paraquat-induced acute kidney injury.

Cromolyn Sodium Attenuates Paraquat-Induced Lung Injury by Modulation of Proinflammatory Cytokines.

Curcumin Rescues a PINK1 Knock Down SH-SY5Y Cellular Model of Parkinson's Disease from Mitochondrial Dysfunction and Cell Death.

Mild MPP(+) exposure-induced glucose starvation enhances autophagosome synthesis and impairs its degradation.

Computational study involving identification of endocrine disrupting potential of herbicides: Its implication in TDS and cancer progression in CRPC patients.

Cinnamaldehyde potentially attenuates gestational hyperglycemia in rats through modulation of PPAR γ , proinflammatory cytokines and oxidative stress.

A conserved NAD(+) binding pocket that regulates protein-protein interactions during aging.

Janus-faced Acrolein prevents allergy but accelerates tumor growth by promoting immunoregulatory Foxp3+ cells: Mouse model for passive respiratory exposure.

Cinnamaldehyde induces apoptosis and reverses epithelial-mesenchymal transition through inhibition of Wnt/ β -catenin pathway in non-small cell lung cancer.

Diquat-induced cellular pyridine nucleotide redox changes and alteration of metabolic enzyme activities in colonic carcinoma cells.

Novel 2,4-dichlorophenoxy acetic acid substituted thiazolidin-4-ones as anti-inflammatory agents: Design, synthesis and biological screening.

Protecting cells by protecting their vulnerable lysosomes: Identification of a new mechanism for preserving lysosomal functional integrity upon oxidative stress.

Cytotoxicity and cellular response mechanisms of water-soluble platinum(II) complexes of lidocaine and phenylcyanamide derivatives.

Cinnamomum cassia essential oil and its major constituent cinnamaldehyde induced cell cycle arrest and apoptosis in human oral squamous cell carcinoma HSC-3 cells.

Cinnamaldehyde Analogues as Potential Therapeutic Agents.

Cinnamaldehyde protects human dental pulp cells against oxidative stress through the Nrf2/HO-1-dependent antioxidant response.

[Curative effect of paraquat detoxification recipe combined with continuous hemoperfusion in the treatment of patients with APP and clinical value of Presepsin].

Spermine oxidase promotes bile canalicular lumen formation through acrolein production.

Combination of quercetin, cinnamaldehyde and hirudin protects rat dorsal root ganglion neurons against high glucose-induced injury through Nrf-2/HO-1 activation and NF- κ B inhibition.

A drastic superoxide-dependent oxidative stress is prerequisite for the down-regulation of IRP1: Insights from studies on SOD1-deficient mice and macrophages treated with paraquat.

Atrazine contamination in agricultural soils from the Yangtze River Delta of China and associated health risks.

IFN- γ regulates xanthine oxidase-mediated iNOS-independent oxidative stress in maneb- and paraquat-treated rat polymorphonuclear leukocytes.

Pre-breeding of lentil (*Lens culinaris* Medik.) for herbicide resistance through seed mutagenesis.

siRNA-based Analysis of the Abrogation of the Protective Function of Membrane-associated Catalase of Tumor Cells.

Adaptive downregulation of pheomelanin-related Slc7a11 gene expression by environmentally induced oxidative stress.

The Mitochondrial Lon Protease Is Required for Age-Specific and Sex-Specific Adaptation to Oxidative Stress.

Isoflavones Induce BEX2-Dependent Autophagy to Prevent ATR-Induced Neurotoxicity in SH-SY5Y Cells.

2-Methoxycinnamaldehyde inhibits the TNF- α -induced proliferation and migration of human aortic smooth muscle cells.

Effects of Nrf2 deficiency on arsenic metabolism in mice.

Diverse pathways of epithelial mesenchymal transition related with cancer progression and metastasis and potential effects of endocrine disrupting chemicals on epithelial mesenchymal transition process.

Environmental estrogen-like endocrine disrupting chemicals and breast cancer.

Expression of aryl hydrocarbon receptor, inflammatory cytokines, and incidence of rheumatoid arthritis in Vietnamese dioxin-exposed people.

Investigation on effect of basalin coated silver nanoparticles as antioxidant for alleviating peripheral neuropathy in mice treated with oxaliplatin.

Antitumoral effect of arsenic compound, sodium metaarsenite (KML001), on multiple myeloma cells.

Hijiki and sodium arsenite stimulate growth of human colorectal adenocarcinoma cells through ERK1/2 activation.

Genetic susceptibility to breast cancer risk associated with inorganic arsenic exposure.

Case-control study of chronic low-level exposure of inorganic arsenic species and non-melanoma skin cancer.

Stimulation of ovarian cell proliferation by tetrabromobisphenol A but not tetrachlorobisphenol A through G protein-coupled receptor 30.

Maternal Resveratrol Treatment Reduces the Risk of Mammary Carcinogenesis in Female Offspring Prenatally Exposure to 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Enoxacin with UVA Irradiation Induces Apoptosis in the AsPC1 Human Pancreatic Cancer Cell Line Through ROS Generation.

Paclitaxel-mediated human aryl hydrocarbon receptor mRNA translation by an internal ribosomal entry site-dependent mechanism.

Enhancing miR-132 expression by aryl hydrocarbon receptor attenuates tumorigenesis associated with chronic colitis.

A dioxin-like compound induces hyperplasia and branching morphogenesis in mouse mammary gland, through alterations in TGF- β 1 and aryl hydrocarbon receptor signaling.

Linking arsenite- and cadmium-generated oxidative stress to microsatellite instability in vitro and in vivo.

Review on arsenic-induced toxicity in male reproductive system and its amelioration.

Targeting energy metabolism of cancer cells: Combined administration of NCL-240 and 2-DG.

The neurotoxicant PCB-95 by increasing the neuronal transcriptional repressor REST down-regulates caspase-8 and increases Ripk1, Ripk3 and MLKL expression determining necroptotic neuronal death.

Research on the effect of formononetin on photodynamic therapy in K562 cells.

TCDD-induced mitochondrial superoxide production does not lead to mitochondrial degeneration or genomic instability in human SH-SY5Y neuroblastoma cells.

Effect of dioxin and 17 β -estradiol on the expression of cytochrome P450 1A1 gene via an estrogen receptor dependent pathway in cellular and xenografted models.

Inhibition of Cx43 mediates protective effects on hypoxic/reoxygenated human neuroblastoma cells.

The relationship between dioxins exposure and risk of prostate cancer with steroid hormone and age in Vietnamese men.

Live cell imaging of bacterial cells: Pyrenoylpyrrole-based fluorescence labeling.

Carnosic Acid Protects Mitochondria of Human Neuroblastoma SH-SY5Y Cells Exposed to Paraquat Through Activation of the Nrf2/HO-1 Axis.

Synergistic therapy of chemotherapeutic drugs and MTH1 inhibitors using a pH-sensitive polymeric delivery system for oral squamous cell carcinoma.

Dioxin Receptor Adjusts Liver Regeneration After Acute Toxic Injury and Protects Against Liver Carcinogenesis.

A microfluidic platform for modeling metastatic cancer cell matrix invasion.

Antimicrobial agents, triclosan, chloroxylenol, methylisothiazolinone and borax, used in cleaning had genotoxic and histopathologic effects on rainbow trout.

Oxoisoporphine alkaloid derivative 8-1 reduces A β (1-42) secretion and toxicity in human cell and Caenorhabditis elegans models of Alzheimer's disease.

Short Chain Fatty Acids Enhance Aryl Hydrocarbon (Ah) Responsiveness in Mouse Colonocytes and Caco-2 Human Colon Cancer Cells.

Studies of the antitumor mechanism of action of dermaseptin B2, a multifunctional cationic antimicrobial peptide, reveal a partial implication of cell surface glycosaminoglycans.

Cytotoxic effect of TDZ on human cervical cancer cells.

The Complex Biology of the Aryl Hydrocarbon Receptor and Its Role in the Pituitary Gland.

Tert-butylhydroquinone protects PC12 cells against ferrous sulfate-induced oxidative and inflammatory injury via the Nrf2/ARE pathway.

Benign and tumor parenchyma metabolomic profiles affect compensatory renal growth in renal cell carcinoma surgical patients.

Pikuni-Blackfeet traditional medicine: Neuroprotective activities of medicinal plants used to treat Parkinson's disease-related symptoms.

Separate screening of brominated and chlorinated dioxins in field samples using in vitro reporter gene assays with rat and mouse hepatoma cell lines.

KML001 and doxercaliferol induce synergistic antileukemic effect in acute lymphoid leukemia cells.

Downregulation of androgen receptors by NaAsO₂ via inhibition of AKT-NF- κ B and HSP90 in castration resistant prostate cancer.

Role of the aryl hydrocarbon receptor in carcinogenesis and potential as an anti-cancer drug target.

Thiamine and benfotiamine prevent stress-induced suppression of hippocampal neurogenesis in mice exposed to predation without affecting brain thiamine diphosphate levels.

Serum persistent organic pollutants (POPs) and prostate cancer risk: A case-cohort study.

Dioxin-induced increase in leukotriene B4 biosynthesis through the aryl hydrocarbon receptor and its relevance to hepatotoxicity owing to neutrophil infiltration.

The history of arsenical pesticides and health risks related to the use of Agent Blue.

β -catenin Mutations Are Not Involved in Early-stage Hepatocarcinogenesis Induced by Protoporphyrinogen Oxidase Inhibitors in Mice.

The decreased growth performance and impaired immune function and structural integrity by dietary iron deficiency or excess are associated with TOR, NF- κ B, p38MAPK, Nrf2 and MLCK signaling in head kidney, spleen and skin of grass carp (*Ctenopharyngodon idella*).

Levels and profiles of organohalogenated contaminants in human blood from Egypt.

Vascular endothelial growth factor-D modulates oxidant-antioxidant balance of human vascular endothelial cells.

NAD(+) loss, a new player in AhR biology: prevention of thymus atrophy and hepatosteatosis by NAD(+) repletion.

Dioxins and related environmental contaminants increase TDP-43 levels.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces hepatic stellate cell (HSC) activation and liver fibrosis in C57BL6 mouse via activating Akt and NF- κ B signaling pathways.

Sodium azide suppresses LPS-induced expression MCP-1 through regulating β and STAT1 activities in macrophages.

Imazamethabenz inhibits human breast cancer cell proliferation, migration and invasion via combination with Pin1.

Nuclear lamins and progerin are dispensable for antioxidant Nrf2 response to arsenic and cadmium.

Dose-Response Relationship between Inorganic Arsenic Exposure and Lung Cancer among Arseniasis Residents with Low Methylation Capacity.

Observation of nonanoic acid and aldehydes in exhaled breath of patients with lung cancer.

Adamantyl- and other polycyclic cage-based conjugates of desferrioxamine B (DFOB) for treating iron-mediated toxicity in cell models of Parkinson's disease.

Environmental pollutants, a possible etiology for premature ovarian insufficiency: a narrative review of animal and human data.

Free radicals impair the anti-oxidative stress activity of DJ-1 through the formation of SDS-resistant dimer.

Evidence Favoring a Positive Feedback Loop for Physiologic Auto Upregulation of hnRNP-E1 during Prolonged Folate Deficiency in Human Placental Cells.

Low concentration of uncouplers of oxidative phosphorylation decreases the TNF-induced endothelial permeability and lethality in mice.

Intracellular ATP in balance of pro- and anti-inflammatory cytokines in adipose tissue with and without tissue expansion.

Protective effects of levamisole, acetylsalicylic acid, and α -tocopherol against dioxin toxicity measured as the expression of AhR and COX-2 in a chicken embryo model.

Occupational Exposure to Pesticides and the Incidence of Lung Cancer in the Agricultural Health Study.

Bisphenol A and its derivatives tetrabromobisphenol A and tetrachlorobisphenol A induce apelin expression and secretion in ovarian cancer cells through a peroxisome proliferator-activated receptor gamma-dependent mechanism.

Endocrine Disruptors and Obesity.

Randomized clinical trial of preoperative oral versus intravenous iron in anaemic patients with colorectal cancer.

Pesticides: an update of human exposure and toxicity.

Epidemiology of endometriosis and its comorbidities.

Aryl hydrocarbon receptor/cytochrome P450^{1A1} pathway mediates breast cancer stem cells expansion through PTEN inhibition and β -Catenin and Akt activation.

Conductive polymer-based nanoparticles for laser-mediated photothermal ablation of cancer: synthesis, characterization, and in vitro evaluation.

[Effect of low-dose exposure to sodium arsenite on proliferation of HBE and HaCaT cells].

CCL2 is Upregulated by Decreased miR-122 Expression in Iron-Overload-Induced Hepatic Inflammation.

N-Chlorosuccinimide-Mediated Oxidative Chlorination of Thiols to N-Protected Amino Alkyl Sulfonyl Azides and Their Utility in the Synthesis of Sulfonyl Triazole Acids.

2,3,7,8 Tetrachlorodibenzo-p-dioxin-induced RNA abundance changes identify Ackr3, Col18a1, Cyb5a and Glud1 as candidate mediators of toxicity.

Dibenzo[def,p]chrysene transplacental carcinogenesis in wild-type, Cyp1b1 knockout, and CYP1B1 humanized mice.

Simultaneous Speciation Analysis of Arsenic, Chromium, and Selenium in the Bioaccessible Fraction for Realistic Risk Assessment of Food Safety.

Occurrence of commonly used pesticides in personal air samples and their associated health risk among paddy farmers.

Hexachlorobenzene as a persistent organic pollutant: Toxicity and molecular mechanism of action.

Lung regeneration after toxic injury is improved in absence of dioxin receptor.

Photophysicochemical, calf thymus DNA binding and in vitro photocytotoxicity properties of tetra-morpholinoethoxy-substituted phthalocyanines and their water-soluble quaternized derivatives.

Morphological and morphometrical changes on adult Wistar rat testis caused by chronic sodium arsenite exposure.

Interaction of mammary bovine ABCG2 with AFB1 and its metabolites and regulation by PCB 126 in a MDCKII in vitro model.

The mutagenic, antimutagenic and antioxidant properties of *Hypericum lydium*.

Risk of lymphoma subtypes by occupational exposure in Southern Italy.

In Silico Analysis of Putrefaction Pathways in Bacteria and Its Implication in Colorectal Cancer.

Pinocembrin, a novel histidine decarboxylase inhibitor with anti-allergic potential in in vitro.

Doxycycline attenuates paraquat-induced pulmonary fibrosis by downregulating the TGF- β^2 signaling pathway.

In vitro screening of neuroprotective activity of Indian medicinal plant *Withania somnifera*.

Electronic Cigarettes: Their Constituents and Potential Links to Asthma.

The prophylactic effect of *Acetobacter syzygii* probiotic species against squamous cell carcinoma.

Atrazine and Breast Cancer: A Framework Assessment of the Toxicological and Epidemiological Evidence.

Novel Pathways of Ponatinib Disposition Catalyzed By CYP1A1 Involving Generation of Potentially Toxic Metabolites.

Dioxin-like activity of brominated dioxins as individual compounds or mixtures in in vitro reporter gene assays with rat and mouse hepatoma cell lines.

Acrolein induces mtDNA damages, mitochondrial fission and mitophagy in human lung cells.

Incidence and pathological study of *Explanatum explanatum* (Creplin, 1847) Fukui, 1929 in goats in Andhra Pradesh, India.

Epigenetic Regulation by Agonist-Specific Aryl Hydrocarbon Receptor Recruitment of Metastasis-Associated Protein 2 Selectively Induces Stanniocalcin 2 Expression.

Gut Microbial Transformation of the Dietary Imidazoquinoxaline Mutagen MelQx Reduces Its Cytotoxic and Mutagenic Potency.

The endocrine disrupting alkylphenols and 4,4'-DDT interfere with estrogen conversion and clearance by mouse liver cytosol.

Use of in silico models for prioritization of heat-induced food contaminants in mutagenicity and carcinogenicity testing.

CDC42 expression is altered by dioxin exposure and mediated by multilevel regulations via AhR in human neuroblastoma cells.

Ifosfamide-Induced Malignancy of Ureter and Bladder.

Gerontoxanthone B from *Maclura cochinchinensis* var. *gerontogea* exhibits anti-inflammatory potential as an aryl hydrocarbon receptor agonist.

Assessment of Genotoxic Effects of Pendimethalin in Chinese Hamster Over Cells by the Single Cell Gel Electrophoresis (Comet) Assay.

Overexpression of p58ipk protects neuroblastoma against paraquat-induced toxicity.

"The Easier the Better" Preparation of Efficient Photocatalysts-Metastable Poly(heptazine imide) Salts.

The water soluble axially disubstituted silicon phthalocyanines: photophysical properties and in vitro studies.

Identification of tissue-specific transcriptional markers of caloric restriction in the mouse and their use to evaluate caloric restriction mimetics.

Hepatoprotective Role of *Hydrangea macrophylla* against Sodium Arsenite-Induced Mitochondrial-Dependent Oxidative Stress via the Inhibition of MAPK/Caspase-3 Pathways.

Synergistic cellular effects including mitochondrial destabilization, autophagy and apoptosis following low-level exposure to a mixture of lipophilic persistent organic pollutants.

Toxicological characterisation of two novel selective aryl hydrocarbon receptor modulators in Sprague-Dawley rats.

Peroxyoxalate Chemiluminescent Reaction as a Tool for Elimination of Tumour Cells Under Oxidative Stress.

Activated thyroid hormone receptor modulates dioxin-inducible aryl hydrocarbon receptor-mediated CYP1A1 induction in human hepatocytes but not in human hepatocarcinoma HepG2 cells.

Pneumocystis Pneumonia Infection in a Survivor of Paraquat Intoxication.

Genistein Prevents BRCA1 CpG Methylation and Proliferation in Human Breast Cancer Cells with Activated Aromatic Hydrocarbon Receptor.

Single-cell time-lapse imaging of intracellular O₂ in response to metabolic inhibition and mitochondrial cytochrome-c release.

Exposure to polycyclic aromatic hydrocarbons and volatile organic compounds among recently pregnant rural Guatemalan women cooking and heating with solid fuels.

Expression of advanced glycation end-products and NF- κ B in chick embryos exposed to dioxins and treated with acetylsalicylic acid and α -tocopherol.

Benzene and 2-ethyl-phthalate induce proliferation in normal rat pituitary cells.

Pesticides in fine airborne particles: from a green analysis method to atmospheric characterization and risk assessment.

Sodium meta-arsenite induced reactive oxygen species in human red blood cells: impaired antioxidant and membrane redox systems, haemoglobin oxidation, and morphological changes.

Current pesticide profiles in blood serum of adults in Jiangsu Province of China and a comparison with other countries.

The association of cancer risks with pentachlorophenol exposure: Focusing on community population in the areas along certain section of Yangtze River in China: Methodological issues.

Lycopene, resveratrol, vitamin C and FeSO₄ increase damage produced by pro-oxidant carcinogen 4-nitroquinoline-1-oxide in *Drosophila melanogaster*: Xenobiotic metabolism implications.

Butyrate alters expression of cytochrome P450 1A1 and metabolism of benzo[a]pyrene via its histone deacetylase activity in colon epithelial cell models.

Uncovering Potential Applications of Cyanobacteria and Algal Metabolites in Biology, Agriculture and Medicine: Current Status and Future Prospects.

DNA damage by lipid peroxidation products: implications in cancer, inflammation and autoimmunity.

Human exposure and risk assessment to airborne pesticides in a rural French community.

Nicotine, Carcinogen, and Toxin Exposure in Long-Term E-Cigarette and Nicotine Replacement Therapy Users: A Cross-sectional Study.

Mitochondrial damage elicits a TCDD-inducible poly(ADP-ribose) polymerase-mediated antiviral response.

Paraquat disrupts the anti-inflammatory action of cortisol in human macrophages in vitro: therapeutic implications for paraquat intoxications.

The toxic effects of chlorophenols and associated mechanisms in fish.

Mechanism of synergistic DNA damage induced by the hydroquinone metabolite of brominated phenolic environmental pollutants and Cu(II): Formation of DNA-Cu complex and site-specific production of hydroxyl radicals.

SILAC-based quantitative proteomic analysis reveals widespread molecular alterations in human skin keratinocytes upon chronic arsenic exposure.

Absence of genotoxic effects of the chalcone (E)-1-(2-hydroxyphenyl)-3-(4-methylphenyl)-prop-2-en-1-one) and its potential chemoprevention against DNA damage using in vitro and in vivo assays.

Pharmacodynamics of S-dimethylarsino-glutathione, a putative metabolic intermediate of inorganic arsenic, in mice.

Corrigendum: Association between dioxin and cancer incidence and mortality: a meta-analysis.

Toxicity studies of o-chloropyridine administered dermally and in drinking water to F344/N rats and B6C3F1/N mice.

The aryl hydrocarbon receptor repressor - More than a simple feedback inhibitor of AhR signaling: Clues for its role in inflammation and cancer.

Cellular ROS imaging with hydro-Cy3 dye is strongly influenced by mitochondrial membrane potential.

Reconnaissance of dioxin-like and estrogen-like toxicities in sediments of Taean, Korea-seven years after the Hebei Spirit oil spill.

Exposure to Nicotine and Selected Toxicants in Cigarette Smokers Who Switched to Electronic Cigarettes: A Longitudinal Within-Subjects Observational Study.

Review of Advances in Uroprotective Agents for Cyclophosphamide- and Ifosfamide-induced Hemorrhagic Cystitis.

Non-dioxin-like organic toxicant PCB153 modulates sphingolipid metabolism in liver progenitor cells: its role in Cx43-formed gap junction impairment.

[The review of study on toxicity and carcinogenicity of acetochlor].

Aryl hydrocarbon receptor (AhR)-dependent regulation of pulmonary miRNA by chronic cigarette smoke exposure.

The antiSMASH database, a comprehensive database of microbial secondary metabolite biosynthetic gene clusters.

Optimization of Curcumin-Loaded PEG-PLGA Nanoparticles by GSH Functionalization: Investigation of the Internalization Pathway in Neuronal Cells.

Heparan Sulfate and Chondroitin Sulfate Glycosaminoglycans Are Targeted by Bleomycin in Cancer Cells.

Urinary Arsenic Speciation in Children and Pregnant Women from Spain.

Uncovering the Molecular Mechanism of Anti-Allergic Activity of Silkworm Pupa-Grown *Cordyceps militaris* Fruit Body.

Methanol Extract of *Adansonia digitata* Leaf Protects Against Sodium Arsenite-induced Toxicities in Male Wistar Rats.

The adjuvant use of calcium fructoborate and borax with etanercept in patients with rheumatoid arthritis: Pilot study.

Australian work exposures studies: occupational exposure to pesticides.

Cytotoxic and Chemopreventive Effects of Gemin D Against Different Mutagens Using In Vitro and In Vivo Assays.

Health risk assessment and personal exposure to Volatile Organic Compounds (VOCs) in metro carriages - A case study in Shanghai, China.

Novel roles for AhR and ARNT in the regulation of alcohol dehydrogenases in human hepatic cells.

Wartime toxin exposure: recognising the silent killer.

Carcinogenicity of pentachlorophenol and some related compounds.

Carvedilol attenuates paraquat-induced lung injury by inhibition of proinflammatory cytokines, chemokine MCP-1, NF- κ B activation and oxidative stress mediators.

Prioritizing Chemicals for Risk Assessment Using Chemoinformatics: Examples from the IARC Monographs on Pesticides.

Embryonic atrazine exposure alters zebrafish and human miRNAs associated with angiogenesis, cancer, and neurodevelopment.

Examination of in vivo mutagenicity of sodium arsenite and dimethylarsinic acid in gpt delta rats.

Decrease in acrolein toxicity based on the decline of polyamine oxidases.

Carcinogenic compounds in alcoholic beverages: an update.

Organic honey supplementation reverses pesticide-induced genotoxicity by modulating DNA damage response.

Diindolylmethane and Lupeol Modulates Apoptosis and Cell Proliferation in N-Butyl-N-(4-Hydroxybutyl) Nitrosamine Initiated and Dimethylarsinic Acid Promoted rat Bladder Carcinogenesis.

Inhibition of Protein Ubiquitination by Paraquat and 1-Methyl-4-Phenylpyridinium Impairs Ubiquitin-Dependent Protein Degradation Pathways.

Glyphosate (Pesticides).

Atrazine in public water supplies and risk of ovarian cancer among postmenopausal women in the Iowa Women's Health Study.

Evaluating long-term cellular effects of the arsenic species thio-DMA(V): qPCR-based gene expression as screening tool.

High-Concentration L-Menthol Exhibits Counter-Irritancy to Neurogenic Inflammation, Thermal and Mechanical Hyperalgesia Caused by Trans-cinnamaldehyde.

Assessment of oxidative stress responses and the cytotoxic and genotoxic potential of the herbicide tembotrione in HepG2 cells.

Effects of glyphosate and the glyphosate based herbicides Roundup Original(®) and Roundup Transorb(®) on respiratory morphophysiology of bullfrog tadpoles.

Differences in the carcinogenic evaluation of glyphosate between the International Agency for Research on Cancer (IARC) and the European Food Safety Authority (EFSA).

Determination of genotoxic effects of fipronil in *Vicia faba* using random amplified polymorphic DNA analysis.

[The change of cancer-related genes expression profile in Nthy-ori-3-1 cell induced by the pesticide amitrole].

Protective effect of *Berberis vulgaris* fruit extract against Paraquat-induced pulmonary fibrosis in rats.

Nucleotide excision repair deficiency increases levels of acrolein-derived cyclic DNA adduct and sensitizes cells to apoptosis induced by docosahexaenoic acid and acrolein.

Protection against MPP(+)-induced neurotoxicity in SH-SY5Y cells by tormentic acid via the activation of PI3-K/Akt/GSK3 β pathway.

A new diatom growth inhibition assay using the XTT colorimetric method.

[Is there a threat to ban the herbicide glyphosate?].

HIGH PREVALENCE OF AGENT ORANGE EXPOSURE AMONG THYROID CANCER PATIENTS IN THE NATIONAL VA HEALTHCARE SYSTEM.

Proposed Mode of Action for Acrolein Respiratory Toxicity Associated with Inhaled Tobacco Smoke.

Atrazine promotes RM1 prostate cancer cell proliferation by activating STAT3 signaling.

Effects of glyphosate on hepatic tissue evaluating melanomacrophages and erythrocytes responses in neotropical anuran *Leptodactylus latinasus*.

Palmoplantar keratoses and Bowen's disease in a Vietnam veteran: Could Agent Blue be implicated?

Superoxide Dismutase (SOD)-mimetic M40403 Is Protective in Cell and Fly Models of Paraquat Toxicity: IMPLICATIONS FOR PARKINSON DISEASE.

[Not Available].

Occupational Exposure to Pesticides With Occupational Sun Exposure Increases the Risk for Cutaneous Melanoma.

Activating Peroxisome Proliferator-Activated Receptors (PPARs): a New Sight for Chrysophanol to Treat Paraquat-Induced Lung Injury.

Hepatic effects of the clomazone herbicide in both its free form and associated with chitosan-alginate nanoparticles in bullfrog tadpoles.

Protective Effects of Apigenin Against Paraquat-Induced Acute Lung Injury in Mice.

Influence of dioxin exposure upon levels of prostate-specific antigen and steroid hormones in Vietnamese men.

Exposure to different glyphosate formulations on the oxidative and histological status of *Rhamdia quelen*.

Cycloartenyl Ferulate Inhibits Paraquat-Induced Apoptosis in HK-2 Cells With the Involvement of ABCC1.

Concerns over use of glyphosate-based herbicides and risks associated with exposures: a consensus statement.

Constitutive active/androstane receptor, peroxisome proliferator-activated receptor α , and cytotoxicity are involved in oxadiazon-induced liver tumor development in mice.

The tobacco smoke component acrolein induces glucocorticoid resistant gene expression via inhibition of histone deacetylase.

Systematic review and meta-analysis of glyphosate exposure and risk of lymphohematopoietic cancers.

[The protective effect of bone marrow mesenchymal stem cells carrying antioxidant gene superoxide dismutase on paraquat lung injury in mice].

[The 2015 Whistleblower Award to SÃ©ralini, resilient scientist].

Anthocyanins Protect SK-N-SH Cells Against Acrolein-Induced Toxicity by Preserving the Cellular Redox State.

Low-Dose Aronia melanocarpa Concentrate Attenuates Paraquat-Induced Neurotoxicity.

Effects of Neonicotinoids on Promoter-Specific Expression and Activity of Aromatase (CYP19) in Human Adrenocortical Carcinoma (H295R) and Primary Umbilical Vein Endothelial (HUVEC) Cells.

Tumor necrosis factor- β induced protein 6 attenuates acute lung injury following paraquat exposure.

Skin diseases associated with Agent Orange and other organochlorine exposures.

Acrolein preferentially damages nucleolus eliciting ribosomal stress and apoptosis in human cancer cells.

Yap1 and Skn7 genetically interact with Rad51 in response to oxidative stress and DNA double-strand break in *Saccharomyces cerevisiae*.

New water-soluble palladium(II) complexes of lidocaine and phenylcyanamide derivative ligands: cytotoxicity and cellular response mechanisms.

Cx43 Mediates Resistance against MPP⁺-Induced Apoptosis in SH-SY5Y Neuroblastoma Cells via Modulating the Mitochondrial Apoptosis Pathway.

A neoflavonoid dalsissoal isolated from heartwood of *Dalbergia sissoo* Roxb. has bone forming effects in mice model for osteoporosis.

Cinnamaldehyde derivatives inhibit degranulation and inflammatory mediator production in rat basophilic leukemia cells.

Reversal of diabetes-induced behavioral and neurochemical deficits by cinnamaldehyde.

p-Hydroxycinnamaldehyde induces the differentiation of oesophageal carcinoma cells via the cAMP-RhoA-MAPK signalling pathway.

Discovery of a novel anti-cancer agent targeting both topoisomerase I and II in hepatocellular carcinoma Hep 3B cells in vitro and in vivo: *Cinnamomum verum* component 2-methoxycinnamaldehyde.

Development of a combined method to assess the complex effect of atrazine on sex steroid synthesis in H295R cells.

Cinnamaldehydes in Cancer Chemotherapy.

Superoxide-hydrogen peroxide imbalance interferes with colorectal cancer cells viability, proliferation and oxaliplatin response.

Impact of 3-Amino-1,2,4-Triazole (3-AT)-Derived Increase in Hydrogen Peroxide Levels on Inflammation and Metabolism in Human Differentiated Adipocytes.

Perfluorocarbon attenuates inflammatory cytokines, oxidative stress and histopathologic changes in paraquat-induced acute lung injury in rats.

Cinnamaldehyde affects the biological behavior of human colorectal cancer cells and induces apoptosis via inhibition of the PI3K/Akt signaling pathway.

Cinnamomum verum Component 2-Methoxycinnamaldehyde: A Novel Anticancer Agent with Both Anti-Topoisomerase I and II Activities in Human Lung Adenocarcinoma A549 Cells In Vitro and In Vivo.

Exceptions in patterns of arsenic compounds in urine of acute promyelocytic leukaemia patients treated with As₂O₃.

Lysyl oxidase promotes epithelial-to-mesenchymal transition during paraquat-induced pulmonary fibrosis.

Protective Effect of Astragaloside IV Against Paraquat-Induced Lung Injury in Mice by Suppressing Rho Signaling.

Discovery of a novel anticancer agent with both anti-topoisomerase I and II activities in hepatocellular carcinoma SK-Hep-1 cells in vitro and in vivo: Cinnamomum verum component 2-methoxycinnamaldehyde.

[The effect of resveratrol on paraquat-induced acute lung injury in mice and its mechanism].

Toxic acrolein production due to Ca²⁺ influx by the NMDA receptor during stroke.

Low dose cyclophosphamide: Mechanisms of T cell modulation.

Polymorphic variants of MRP4/ABCC4 differentially modulate the transport of methylated arsenic metabolites and physiological organic anions.

Thiolated arsenicals in arsenic metabolism: Occurrence, formation, and biological implications.

Risk assessment and technical feasibility of usage of paper mill sludge biochar-based exhausted adsorbent for geopolymeric brick formation.

Î±-Hexylcinnamaldehyde Synergistically Increases Doxorubicin Cytotoxicity Towards Human Cancer Cell Lines.

2-Phenethyl Isothiocyanate, Glutathione S-transferase M1 and T1 Polymorphisms, and Detoxification of Volatile Organic Carcinogens and Toxicants in Tobacco Smoke.

Comment on "Effects of Atrazine on Estrogen Receptor Î±- and G Protein-Coupled Receptor 30-Mediated Signaling and Proliferation in Cancer Cells and Cancer-Associated Fibroblasts".

Response to "Comment on 'Effects of Atrazine on Estrogen Receptor α^+ - and G Protein-Coupled Receptor 30-Mediated Signaling and Proliferation in Cancer Cells and Cancer-Associated Fibroblasts'".

Herbicidal and Cytotoxic Constituents from *Aralia armata* (Wall.) Seem.

Methyl viologen induces neural differentiation on murine P19 cells.

Protective effect of carnosic acid against paraquat-induced redox impairment and mitochondrial dysfunction in SH-SY5Y cells: Role for PI3K/Akt/Nrf2 pathway.

Cytoprotective Effect of Makgeolli Lees on Paraquat Induced Oxidative Stress in A549 Cells via Activation of NRF2 and Antioxidant Genes.

Anti-oxidative and anti-inflammatory effects of cinnamaldehyde on protecting high glucose-induced damage in cultured dorsal root ganglion neurons of rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) role in hematopoiesis and in hematologic diseases: A critical review.

A characteristic biosignature for discrimination of gastric cancer from healthy population by high throughput GC-MS analysis.

N-[(11)CH(3)]Dimethylaminoparthenolide (DMAPT) uptake into orthotopic 9LSF glioblastoma tumors in the rat.

S-nitrosation on zinc finger motif of PARP-1 as a mechanism of DNA repair inhibition by arsenite.

Estrogen receptor- β and aryl hydrocarbon receptor involvement in the actions of botanical estrogens in target cells.

Mortality risk among workers with exposure to dioxins.

Inhibitory effects of norlignans isolated from *Anemarrhena asphodeloides* on degranulation of rat basophilic leukemia- α 2H3Cells.

Exposure to polychlorinated biphenyls and prostate cancer: population-based prospective cohort and experimental studies.

Pomegranate protects against arsenic-induced p53-dependent ROS-mediated inflammation and apoptosis in liver cells.

Association of GSTT1 and GSTM1 gene polymorphisms with coronary artery disease in North Indian Punjabi population: a case-control study.

Association between dioxin and cancer incidence and mortality: a meta-analysis.

Enhanced Production of Anthraquinones and Phenolic Compounds and Biological Activities in the Cell Suspension Cultures of *Polygonum multiflorum*.

Passive exposure to agricultural pesticides and risk of childhood leukemia in an Italian community.

Phase I and pharmacokinetic evaluation of the anti-telomerase agent KML-001 with cisplatin in advanced solid tumors.

Citral reduces breast tumor growth by inhibiting the cancer stem cell marker ALDH1A3.

An Aryl Hydrocarbon Receptor-Mediated Amplification Loop That Enforces Cell Migration in ER-/PR-/Her2- Human Breast Cancer Cells.

Co-delivery of doxorubicin and recombinant plasmid pHSP70-Plk1-shRNA by bacterial magnetosomes for osteosarcoma therapy.

Combination screening in vitro identifies synergistically acting KP372-1 and cytarabine against acute myeloid leukemia.

Arsenite inhibits the function of CD133(+) CD13(+) liver cancer stem cells by reducing PML and Oct4 protein expression.

Participation of protein kinases in cytotoxic and proapoptotic effects of ethylene glycol ethers and their metabolites in SH-SY5Y cells.

Targeting of Micelles and Liposomes Loaded with the Pro-Apoptotic Drug, NCL-240, into NCI/ADR-RES Cells in a 3D Spheroid Model.

Carbon-Dot-Decorated Carbon Nitride Nanoparticles for Enhanced Photodynamic Therapy against Hypoxic Tumor via Water Splitting.

Hypermetabolism in B-lymphocytes from malignant hyperthermia susceptible individuals.

Copper(II)-Graphitic Carbon Nitride Triggered Synergy: Improved ROS Generation and Reduced Glutathione Levels for Enhanced Photodynamic Therapy.

Attenuative role of mangiferin in oxidative stress-mediated liver dysfunction in arsenic-intoxicated murines.

Medical histories.

AhR-dependent 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in human neuronal cell line SHSY5Y.

Attenuation of DMBA/croton oil induced mouse skin papilloma by *Apodytes dimidiata* mediated by its antioxidant and antimutagenic potential.

Hydrolysed inulin alleviates the azoxymethane-induced preneoplastic aberrant crypt foci by altering selected intestinal microbiota in Sprague-Dawley rats.

Sodium arsenite inhibited genomic estrogen signaling but induced pER \pm (Ser118) via MAPK pathway in breast cancer cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin has both pro-carcinogenic and anti-carcinogenic effects on neuroendocrine prostate carcinoma formation in TRAMP mice.

Fowler's Solution and the Evolution of the Use of Arsenic in Modern Medicine.

Tyrosine Phosphorylation of Focal Adhesion Anchoring Proteins Enhances Human Pancreatic Cancer Cell Invasion.

Bioanalytical effect-balance model to determine the bioavailability of organic contaminants in sediments affected by black and natural carbon.

Hexachlorobenzene modulates the crosstalk between the aryl hydrocarbon receptor and transforming growth factor- β 1 signaling, enhancing human breast cancer cell migration and invasion.

Genome-wide association study identifies novel susceptibility loci for cutaneous squamous cell carcinoma.

METABOLIC DYSBIOSIS OF THE GUT MICROBIOTA AND ITS BIOMARKERS.

Arsenite and Cadmium Activate MAPK/ERK via Membrane Estrogen Receptors and G-Protein Coupled Estrogen Receptor Signaling in Human Lung Adenocarcinoma Cells.

Design, biological evaluation and 3D QSAR studies of novel dioxin-containing pyrazoline derivatives with thiourea skeleton as selective HER-2 inhibitors.

Alu retrotransposons promote differentiation of human carcinoma cells through the aryl hydrocarbon receptor.

Inhalation Exposure to Dioxins and dl-PCBs Depending on the Season in Upper Silesia, Poland: A Pilot Study.

Detection of Melanoma Cancer Biomarker Dimethyl Disulfide Using Cavity Ringdown Spectroscopy at 266 nm.

Combined antenatal therapy with retinoic acid and tracheal occlusion in a rat model of congenital diaphragmatic hernia.

Involvement of Mouse Constitutive Androstane Receptor in Acifluorfen-Induced Liver Injury and Subsequent Tumor Development.

Occupational exposure to pesticides and bladder cancer risk.

Aryl hydrocarbon receptor knockout rats are insensitive to the pathological effects of repeated oral exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

New insights into BaP-induced toxicity: role of major metabolites in transcriptomics and contribution to hepatocarcinogenesis.

[Role of nuclear factor E2 related factor 2 signaling pathway in malignant transformation induced by sodium arsenite].

Quantification of inorganic arsenic exposure and cancer risk via consumption of vegetables in southern selected districts of Pakistan.

Repurposing an orally available drug for the treatment of geographic atrophy.

Use of microbial fuel cells to monitor current production in Qi-deficient liver cells.

A Randomized Noninferiority Trial of Intravenous Iron Isomaltoside versus Oral Iron Sulfate in Patients with Nonmyeloid Malignancies and Anemia Receiving Chemotherapy: The PROFOUND Trial.

In Utero and Lactational TCDD Exposure Increases Susceptibility to Lower Urinary Tract Dysfunction in Adulthood.

Pur-alpha regulates cytoplasmic stress granule dynamics and ameliorates FUS toxicity.

SCO2 Mediates Oxidative Stress-Induced Glycolysis to Oxidative Phosphorylation Switch in Hematopoietic Stem Cells.

Long-term arsenite exposure induces premature senescence in B cell lymphoma A20 cells.

A ratiometric electrochemiluminescence detection for cancer cells using g-C₃N₄ nanosheets and Ag-PAMAM-luminol nanocomposites.

Aminomethylphosphonic acid inhibits growth and metastasis of human prostate cancer in an orthotopic xenograft mouse model.

Polychlorinated biphenyls and breast cancer: A congener-specific meta-analysis.

Uncertainty analysis in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) cancer dose-response for three occupational cohorts.

Effects of in Utero Exposure to Arsenic during the Second Half of Gestation on Reproductive End Points and Metabolic Parameters in Female CD-1 Mice.

Trend of cancer risk of Chinese inhabitants to dioxins due to changes in dietary patterns: 1980-2009.

Urban Endocrine Disruptors Targeting Breast Cancer Proteins.

Anti-tumoral effect of arsenic compound, sodium metaarsenite (KML001), in non-Hodgkin's lymphoma: an in vitro and in vivo study.

Use of mechanistic data in the IARC evaluations of the carcinogenicity of polychlorinated biphenyls and related compounds.

ATPase-Modulated Stress Granules Contain a Diverse Proteome and Substructure.

Determination of multiple human arsenic metabolites employing high performance liquid chromatography inductively coupled plasma mass spectrometry.

Synthesis of novel ethyl 1-ethyl-6-fluoro-7-(fatty amido)-1,4-dihydro-4-oxoquinoline-3-carboxylate derivatives and their biological evaluation.

Deguelin and Its Role in Chronic Diseases.

Aromatic Hydrocarbon Receptor Suppresses Prostate Cancer Bone Metastasis Cells-Induced Vasculogenesis of Endothelial Progenitor Cells under Hypoxia.

Mass Spectrometric Approaches to the Identification of Potential Ingredients in Cigarette Smoke Causing Cytotoxicity.

Chronic TCDD exposure results in the dysregulation of gene expression in splenic B-lymphocytes and in the impairments in T-cell and B-cell differentiation in mouse model.

Oligonol Ameliorates CCl₄-Induced Liver Injury in Rats via the NF-Kappa B and MAPK Signaling Pathways.

Tetrachlorobenzoquinone exhibits neurotoxicity by inducing inflammatory responses through ROS-mediated IKK/Î^αB/NF-Î^αB signaling.

Functional characterization of the RYR1 mutation p.Arg4737Trp associated with susceptibility to malignant hyperthermia.

Sesamin attenuates mast cell-mediated allergic responses by suppressing the activation of p38 and nuclear factor-Î^αB.

The role of aryl hydrocarbon receptor (AhR) in the pathology of pleomorphic adenoma in parotid gland.

Molecular imaging of aurora kinase A (AURKA) expression: Synthesis and preclinical evaluation of radiolabeled alisertib (MLN8237).

Micronucleus frequency in Danish schoolchildren and their mothers from the DEMOCOPHES population.

Riluzole But Not Melatonin Ameliorates Acute Motor Neuron Degeneration and Moderately Inhibits SOD1-Mediated Excitotoxicity Induced Disrupted Mitochondrial Ca⁽²⁺⁾ Signaling in Amyotrophic Lateral Sclerosis.

Pyruvate attenuates the anti-neoplastic effect of carnosine independently from oxidative phosphorylation.

The comparative effects of diethyldithiocarbamate-copper complex with established proteasome inhibitors on expression levels of CYP1A2/3A4 and their master regulators, aryl hydrocarbon and pregnane X receptor in primary cultures of human hepatocytes.

Toxicological characterisation of a thio-arsenosugar-glycerol in human cells.

New perspectives for multi-level regulations of neuronal acetylcholinesterase by dioxins.

Urinary arsenic species concentration in residents living near abandoned metal mines in South Korea.

Sex Steroid Hormone Single-Nucleotide Polymorphisms, Pesticide Use, and the Risk of Prostate Cancer: A Nested Case-Control Study within the Agricultural Health Study.

Activation of Nrf2-ARE signaling mitigates cyclophosphamide-induced myelosuppression.

Flavin-mediated photo-oxidation for the detection of mitochondrial flavins.

Protective Effects of Essential Oils as Natural Antioxidants against Hepatotoxicity Induced by Cyclophosphamide in Mice.

An "in-electrode"-type immunosensing strategy for the detection of squamous cell carcinoma antigen based on electrochemiluminescent AuNPs/g-C₃N₄ nanocomposites.

Effect of pyrolysis temperature on potential toxicity of biochar if applied to the environment.

TRIB3 increases cell resistance to arsenite toxicity by limiting the expression of the glutathione-degrading enzyme CHAC1.

2,3,7,8-tetrachlorodibenzo-p-dioxin exposure influence the expression of glutamate transporter GLT-1 in C6 glioma cells via the Ca(2+) /protein kinase C pathway.

Comparative risk assessment of tobacco smoke constituents using the margin of exposure approach: the neglected contribution of nicotine.

Quantification and human health risk assessment of by-products of photo catalytic oxidation of ethylbenzene, xylene and toluene in indoor air of analytical laboratories.

Tumor necrosis factor receptor-associated protein 1 improves hypoxia-impaired energy production in cardiomyocytes through increasing activity of cytochrome c oxidase subunit II.

Arsenic and arsenic species in shellfish and finfish from the western Arabian Gulf and consumer health risk assessment.

Odorants specifically modulate chemotaxis and tissue retention of CD4+ T cells via cyclic adenosine monophosphate induction.

The Effect of Cellular Stress on T and B Cell Memory Pathways in Immunized and Unimmunized BALB/c Mice.

Vam3, a Compound Derived from *Vitis amurensis* Rupr., Attenuated Colitis-Related Tumorigenesis by Inhibiting NF- κ B Signaling Pathway.

Urinary Metabotyping of Hepatocellular Carcinoma in a UK Cohort Using Proton Nuclear Magnetic Resonance Spectroscopy.

Genotoxicity Expert Panel review: weight of evidence evaluation of the genotoxicity of glyphosate, glyphosate-based formulations, and aminomethylphosphonic acid.

Glyphosate rodent carcinogenicity bioassay expert panel review.

Glyphosate epidemiology expert panel review: a weight of evidence systematic review of the relationship between glyphosate exposure and non-Hodgkin's lymphoma or multiple myeloma.

A review of the carcinogenic potential of glyphosate by four independent expert panels and comparison to the IARC assessment.

Evaluating the potential carcinogenic hazard of glyphosate.

Cobalt(III) complexes as potential anticancer agents: Physicochemical, structural, cytotoxic activity and DNA/protein interactions.

Exposure to Inorganic Arsenic Is Associated with Increased Mitochondrial DNA Copy Number and Longer Telomere Length in Peripheral Blood.

BDE-99, but not BDE-47, is a transient aryl hydrocarbon receptor agonist in zebrafish liver cells.

The role of AHR-inducible cytochrome P450s in metabolism of polyunsaturated fatty acids.

Identification of aryl hydrocarbon receptor signaling pathways altered in TCDD-treated red seabream embryos by transcriptome analysis.

Prophylactic neuroprotective efficiency of co-administration of Ginkgo biloba and Trifolium pretense against sodium arsenite-induced neurotoxicity and dementia in different regions of brain and spinal cord of rats.

Mitochondrial-targeted aryl hydrocarbon receptor and the impact of 2,3,7,8-tetrachlorodibenzo-p-dioxin on cellular respiration and the mitochondrial proteome.

Investigation of PAHs, PCBs and PCNs in soils around a Heavily Industrialized Area in Kocaeli, Turkey: Concentrations, distributions, sources and toxicological effects.

In vitro toxicity assessment of sediment samples from Huangpu River and Suzhou River, Shanghai, China.

Oxidative DNA damage enhances the carcinogenic potential of in vitro chronic arsenic exposures.

In vitro activation of dibromoacetonitrile to cyanide by myeloperoxidase.

Joint toxic effects of the type-2 alkene electrophiles.

A graphitic hollow carbon nitride nanosphere as a novel photochemical internalization agent for targeted and stimuli-responsive cancer therapy.

Chemical Constituents, Antimicrobial, Cytotoxicity, Mutagenic and Antimutagenic Effects of Artemisia ciniformis.

Influence of Thromboxane A2 on the Regulation of Adenosine Triphosphate-Sensitive Potassium Channels in Mouse Ventricular Myocytes.

Alteration of human hepatic drug transporter activity and expression by cigarette smoke condensate.

[The effect and injury to the airways of different sputum aspiration pressure in a rat model of mucus hypersecretion].

Chemopreventive Agents Attenuate Rapid Inhibition of Gap Junctional Intercellular Communication Induced by Environmental Toxicants.

Effect of retinyl acetate on transglutaminase 2 activity in carcinogen treated rat liver.

MicroRNA-21 activation of ERK signaling via PTEN is involved in arsenite-induced autophagy in human hepatic L-02 cells.

Photoelectrochemical Immunosensor for Detection of Carcinoembryonic Antigen Based on 2D TiO₂ Nanosheets and Carboxylated Graphitic Carbon Nitride.

Is exposure to Agent Orange a risk factor for hepatocellular cancer?-A single-center retrospective study in the U.S. veteran population.

Ameliorative effects of docosahexaenoic acid on the toxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in cultured rat hepatocytes.

Walnut Polyphenol Extract Attenuates Immunotoxicity Induced by 4-Pentylphenol and 3-methyl-4-nitrophenol in Murine Splenic Lymphocyte.

Structural Modifications to Quaternary Ammonium Polymer Coagulants to Inhibit N-Nitrosamine Formation.

Toxicity studies of sodium thioglycolate administered dermally to F344/N rats and B6C3F1/N mice.

Nanoallergens: A multivalent platform for studying and evaluating potency of allergen epitopes in cellular degranulation.

Dioxol and dihydrodioxin analogs of 2- and 3-phenylacetonitriles as potent anti-cancer agents with nanomolar activity against a variety of human cancer cells.

Anti-inflammatory Montelukast prevents toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin: Oxidative stress, histological alterations in liver, and serum cytokine levels.

Aryl hydrocarbon receptor (AHR) regulation of L-Type Amino Acid Transporter 1 (LAT-1) expression in MCF-7 and MDA-MB-231 breast cancer cells.

Treatment of Resistant Cyclophosphamide Induced Haemorrhagic Cystitis: Review of Literature and Three Case Reports.

Dioxin distribution characteristics and health risk assessment in different size particles of fly ash from MSWIs in China.

Short Chemical Ischemia Triggers Phosphorylation of eIF2 α and Death of SH-SY5Y Cells but not Proteasome Stress and Heat Shock Protein Response in both SH-SY5Y and T98G Cells.

Underestimation of the Maximal Capacity of the Mitochondrial Electron Transport System in Oligomycin-Treated Cells.

Nanopharmaceutical Approach for Enhanced Anti-cancer Activity of Betulinic Acid in Lung-cancer Treatment via Activation of PARP: Interaction with DNA as a Target: -Anti-cancer Potential of Nano-betulinic Acid in Lung Cancer.

Proton-Coupled Organic Cation Antiporter Contributes to the Hepatic Uptake of Matrine.

Glycine supplementation in vitro enhances porcine preimplantation embryo cell number and decreases apoptosis but does not lead to live births.

Estimated dietary intake and risk assessment of polychlorinated dibenzo-p-dioxins and dibenzofurans and dioxin-like polychlorinated biphenyls from fish consumption in the Korean general population.

The olive leaf extract oleuropein exerts protective effects against oxidant-induced cell death, concurrently displaying pro-oxidant activity in human hepatocarcinoma cells.

Arsenic and smokeless tobacco induce genotoxicity, sperm abnormality as well as oxidative stress in mice in vivo.

The Inhibitory Effect of Natural Products on Protein Fibrillation May Be Caused by Degradation Products-
-A Study Using Aloin and Insulin.

Polychlorinated biphenyl (PCBs) in rice grains and straw; risk surveillance, congener specific analysis, distribution and source apportionment from selected districts of Punjab Province, Pakistan.

Pyruvate Kinase Isoform Switching and Hepatic Metabolic Reprogramming by the Environmental Contaminant 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Human CYP2E1-dependent mutagenicity of mono- and dichlorobiphenyls in Chinese hamster (V79)-derived cells.

Transformation, products, and pathways of chlorophenols via electro-enzymatic catalysis: How to control toxic intermediate products.

Possible vasculoprotective role of linagliptin against sodium arsenite-induced vascular endothelial dysfunction.

Grouping chemicals for health risk assessment: A text mining-based case study of polychlorinated biphenyls (PCBs).

Divergent Effects of Dioxin- or Non-Dioxin-Like Polychlorinated Biphenyls on the Apoptosis of Primary Cell Culture from the Mouse Pituitary Gland.

The pretransplant systemic metabolic profile reflects a risk of acute graft versus host disease after allogeneic stem cell transplantation.

Concentration of polychlorinated biphenyl (PCB) congeners in the muscle of *Clarias gariepinus* and sediment from inland rivers of southwestern Nigeria and estimated potential human health consequences.

Effect of Kangfuxin Solution on Chemo/Radiotherapy-Induced Mucositis in Nasopharyngeal Carcinoma Patients: A Multicenter, Prospective Randomized Phase III Clinical Study.

Arsenite accumulation in the mouse eye.

Intracellular Metabolism of α,β -Unsaturated Carbonyl Compounds, Acrolein, Crotonaldehyde and Methyl Vinyl Ketone, Active Toxicants in Cigarette Smoke: Participation of Glutathione Conjugation Ability and Aldehyde-Ketone Sensitive Reductase Activity.

Synthesis, Cytotoxic Activity on Leukemia Cell Lines and Quantitative Structure-Activity Relationships (QSAR) Studies of Morita-Baylis-Hillman Adducts.

Evaluating the Effects of Tetrachloro-1,4-benzoquinone, an Active Metabolite of Pentachlorophenol, on the Growth of Human Breast Cancer Cells.

Antioxidant Potential of *Spirulina platensis* Mitigates Oxidative Stress and Reprotoxicity Induced by Sodium Arsenite in Male Rats.

Interplay of metabolizing enzymes and transporter of xenobiotics.

Comparative cytotoxic and genotoxic potential of 13 drinking water disinfection by-products using a microplate-based cytotoxicity assay and a developed SOS/umu assay.

Somatic-cell mutation induced by short exposures to cigarette smoke in urate-null, oxidative stress-sensitive *Drosophila*.

Cytotoxic and apoptotic effects of boron compounds on leukemia cell line.

Involvement of epithelial-to-mesenchymal transition and associated transforming growth factor- β /Smad signaling in paraquat-induced pulmonary fibrosis.

Discovery of a novel neuroprotectant, BHDPC, that protects against MPP+/MPTP-induced neuronal death in multiple experimental models.

Executive Summary to EDC-2: The Endocrine Society's Second Scientific Statement on Endocrine-Disrupting Chemicals.

Atrazine-Mediated Disruption of Steroidogenesis in BLTK1 Murine Leydig Cells.

Histopathological and ultramicroscopical changes in gill, liver and kidney of *Anabas testudineus* (Bloch) after chronic intoxication of almix (metsulfuron methyl 10.1%+chlorimuron ethyl 10.1%) herbicide.

Cancer incidence and metolachlor use in the Agricultural Health Study: An update.

[Effects of atrazine on function of murine peritoneal macrophages in vitro].

Proteasome subunit and opioid receptor gene expression down-regulation induced by paraquat and maneb in human neuroblastoma SH-SY5Y cells.

Continuous IV infusion of MESNA can prevent hemorrhagic cystitis in HSCT and retain MESNA concentration in urine.

Protective effects of Ndfip1 on MPP(+)-induced apoptosis in MES23.5 cells and its underlying mechanisms.

Neurotoxicity effects of atrazine-induced SH-SY5Y human dopaminergic neuroblastoma cells via microglial activation.

Cigarette side-stream smoke lung and bladder carcinogenesis: inducing mutagenic acrolein-DNA adducts, inhibiting DNA repair and enhancing anchorage-independent-growth cell transformation.

Hyperbaric oxygen treatment ameliorates lung injury in paraquat intoxicated rats.

Potential toxic effects of glyphosate and its commercial formulations below regulatory limits.

Mechanisms of CDDO-imidazolidine-mediated cytoprotection against acrolein-induced neurocytotoxicity in SH-SY5Y cells and primary human astrocytes.

Toxicity of diuron in human cancer cells.

Diquat causes caspase-independent cell death in SH-SY5Y cells by production of ROS independently of mitochondria.

Caspase-2 protects against oxidative stress in vivo.

Enantioselective and Synergetic Toxicity of Axial Chiral Herbicide Propisochlor to SP2/0 Myeloma Cells.

[Clinical significance of dynamic changes in serum inflammatory cell factors after acute paraquat poisoning].

[Inhibitory effects of curcumin on inflammatory cytokines in rats with paraquat poisoning].

[Hemoperfusion alleviated paraquat-induced kidney inflammation injury of rabbit].

[The effect of signal transduction pathway of triggering receptor-1 expressed on myeloid cells in acute lung injury induced by paraquat in rats].

Effect of pyrolysis temperature on polycyclic aromatic hydrocarbons toxicity and sorption behaviour of biochars prepared by pyrolysis of paper mill effluent treatment plant sludge.

Use of acetochlor and cancer incidence in the Agricultural Health Study.

Inflammatory reaction regulated by microglia plays a role in atrazine-induced dopaminergic neuron degeneration in the substantia nigra.

Carcinogenicity of lindane, DDT, and 2,4-dichlorophenoxyacetic acid.

2,4-Dichlorophenoxyacetic acid and non-Hodgkin's lymphoma, gastric cancer, and prostate cancer: meta-analyses of the published literature.

Protective Effects of Arachidonic Acid Against Paraquat-Induced Pulmonary Injury.

Surfactant toxicity in a case of (4-chloro-2-methylphenoxy) acetic acid herbicide intoxication.

Cinnamaldehyde in a Novel Intravenous Submicrometer Emulsion: Pharmacokinetics, Tissue Distribution, Antitumor Efficacy, and Toxicity.

Evaluation of early changes induced by diuron in the rat urinary bladder using different processing methods for scanning electron microscopy.

[The protective effect of ulinastatin on paraquat-induced injury in HK-2 cells and the underlying mechanisms].

Agent Orange and long-term outcomes after radical prostatectomy.

Pronamide: Human relevance of liver-mediated rat leydig cell tumors.

Atrazine Triggers DNA Damage Response and Induces DNA Double-Strand Breaks in MCF-10A Cells.

Atrazine Causes Autophagy- and Apoptosis-Related Neurodegenerative Effects in Dopaminergic Neurons in the Rat Nigrostriatal Dopaminergic System.

Mercapturic Acids Derived from the Toxicants Acrolein and Crotonaldehyde in the Urine of Cigarette Smokers from Five Ethnic Groups with Differing Risks for Lung Cancer.

Protective effects of melatonin-loaded lipid-core nanocapsules on paraquat-induced cytotoxicity and genotoxicity in a pulmonary cell line.

Teratogenicity, genotoxicity and oxidative stress in zebrafish embryos (*Danio rerio*) co-exposed to arsenic and atrazine.

Glutathione S-transferase P protects against cyclophosphamide-induced cardiotoxicity in mice.

Phenoxy herbicides, soft-tissue sarcoma and non-Hodgkin lymphoma: a systematic review of evidence from cohort and case-control studies.

Alteration in the cytokine levels and histopathological damage in common carp induced by glyphosate.

Transcriptional profiling of the soil invertebrate *Folsomia candida* in pentachlorophenol-contaminated soil.

Soft tissue sarcoma, non-Hodgkin's lymphoma and chronic lymphocytic leukaemia in workers exposed to phenoxy herbicides: extended follow-up of a UK cohort.

Carcinogenicity of tetrachlorvinphos, parathion, malathion, diazinon, and glyphosate.

Effects of currently used pesticides and their mixtures on the function of thyroid hormone and aryl hydrocarbon receptor in cell culture.

Histopathological effects of atrazine on gills of Caspian kutum *Rutilus frisii kutum* fingerlings.

[Inhibition of pulmonary nuclear factor- κ B and tumor necrosis factor- α expression by diallyl sulfide in rats with paraquat poisoning].

A critical review of the epidemiology of Agent Orange or 2,3,7,8-tetrachlorodibenzo-p-dioxin and lymphoid malignancies.

Mode of action and human relevance of pronamide-induced rat thyroid tumors.

Proposal for novel metabolic pathway of highly toxic dimethylated arsenics accompanied by enzymatic sulfuration, desulfuration and oxidation.

Increased toll-like receptor 9 expression is associated with the severity of paraquat-induced lung injury in mice.

Occupational exposure to pentachlorophenol causing lymphoma and hematopoietic malignancy for two generations.

Polyphenol extract from *Phellinus igniarius* protects against acrolein toxicity in vitro and provides protection in a mouse stroke model.

Paraquat induces epithelial-mesenchymal transition-like cellular response resulting in fibrogenesis and the prevention of apoptosis in human pulmonary epithelial cells.

ROS-triggered signaling pathways involved in the cytotoxicity and tumor promotion effects of pentachlorophenol and tetrachlorohydroquinone.

Effect of arsenic compounds on the in vitro differentiation of mouse embryonic stem cells into cardiomyocytes.

Evaluation of carcinogenic potential of the herbicide glyphosate, drawing on tumor incidence data from fourteen chronic/carcinogenicity rodent studies.

Atrazine induces apoptosis of SH-SY5Y human neuroblastoma cells via the regulation of Bax/Bcl-2 ratio and caspase-3-dependent pathway.

Histopathological alterations in the kidney of Caspian kutum, *Rutilus frisii kutum*, larvae and fingerlings exposed to sublethal concentration of atrazine.

Extracellular signal-regulated kinase pathway play distinct role in acetochlor-mediated toxicity and intrinsic apoptosis in A549 cells.

Dimethylarsinic acid (DMA(V)) changed the expressions of proliferative related factors and secretion of inflammatory cytokines in rat bladder.

Artesunate Attenuates Lung Injury in Paraquat-Intoxicated Rats via Downregulation of Inflammatory Cytokines.

Use of In Vivo and In Vitro Data to Derive a Chronic Reference Value for Crotonaldehyde Based on Relative Potency to Acrolein.

The Biomarkers of Exposure and Effect in Agriculture (BEEA) Study: Rationale, Design, Methods, and Participant Characteristics.

Parkinsonian toxin-induced oxidative stress inhibits basal autophagy in astrocytes via NQO2/quinone oxidoreductase 2: Implications for neuroprotection.

Evaluation of a multiple sclerosis cluster among nurses in an inpatient oncology ward.

DNaseI protects against Paraquat-induced acute lung injury and pulmonary fibrosis mediated by mitochondrial DNA.

Cellular RNA is chemically modified by exposure to air pollution mixtures.

Reply: association between agent orange exposure and nonmelanotic invasive skin cancer: a pilot study.

Association between agent orange exposure and nonmelanotic invasive skin cancer: a pilot study.

Cancer risks and long-term community-level exposure to pentachlorophenol in contaminated areas, China.

Mifepristone-inducible recombinant adenovirus attenuates paraquat-induced lung injury in rats.

Superoxide produced in the matrix of mitochondria enhances methylmercury toxicity in human neuroblastoma cells.

EDC-2: The Endocrine Society's Second Scientific Statement on Endocrine-Disrupting Chemicals.

Influence of myeloperoxidase on colon tumor occurrence in inflamed versus non-inflamed colons of Apc(Min/+) mice.

Cinnamaldehyde attenuates pressure overload-induced cardiac hypertrophy.

The effect of superoxide anion and hydrogen peroxide imbalance on prostate cancer: an integrative in vivo and in vitro analysis.

Cinnamic aldehyde suppresses hypoxia-induced angiogenesis via inhibition of hypoxia-inducible factor-1 α expression during tumor progression.

Cinnamaldehyde inhibits inflammation and brain damage in a mouse model of permanent cerebral ischaemia.

Methylated arsenic metabolites bind to PML protein but do not induce cellular differentiation and PML-RAR α protein degradation.

Superoxide anion radical (O₂⁻) degrades methylmercury to inorganic mercury in human astrocytoma cell line (CCF-STTG1).

DJ-1 Protects Breast Cancer Cells Against 2'-Benzoyloxycinnamaldehyde-induced Oxidative Stress Independent of Nrf2.

(^{99m}Tc)-amitrole as a novel selective imaging probe for solid tumor: In silico and preclinical pharmacological study.

Coniferyl aldehyde attenuates radiation enteropathy by inhibiting cell death and promoting endothelial cell function.

Nrf2-dependent suppression of azoxymethane/dextran sulfate sodium-induced colon carcinogenesis by the cinnamon-derived dietary factor cinnamaldehyde.

Aminotriazole alleviates acetaminophen poisoning via downregulating P450 2E1 and suppressing inflammation.

Elevated levels of mercapturic acids of acrolein and crotonaldehyde in the urine of Chinese women in Singapore who regularly cook at home.

Coniferyl aldehyde reduces radiation damage through increased protein stability of heat shock transcriptional factor 1 by phosphorylation.

[The catalase inhibitor aminotriazole alleviates acute alcoholic liver injury].

Natural antioxidant betanin protects rats from paraquat-induced acute lung injury interstitial pneumonia.

Anti-inflammatory effect of cinnamaldehyde in Helicobacter pylori induced gastric inflammation.

[Changes in mRNA expression of p53 and related downstream genes in peripheral blood lymphocytes in workers occupationally exposed to arsenic].

Donepezil Regulates 1-Methyl-4-phenylpyridinium-Induced Microglial Polarization in Parkinson's Disease.

A Screenable In Vivo Assay for Mitochondrial Modulators Using Transgenic Bioluminescent Caenorhabditis elegans.

[Evaluation of human health risk for a population from Cali, Colombia, by exposure to lead, cadmium, mercury, 2,4-dichloro-phenoxyacetic acid and diuron associated with water and food consumption].

Intrinsic Chemiluminescence Generation during Advanced Oxidation of Persistent Halogenated Aromatic Carcinogens.

A pesticide monitoring survey in rivers and lakes of northern Greece and its human and ecotoxicological risk assessment.

Cinnamaldehyde and nitric oxide attenuate advanced glycation end products-induced the Jak/STAT signaling in human renal tubular cells.

Measuring oxidative stress resistance of *Caenorhabditis elegans* in 96-well microtiter plates.

Effects of atrazine on estrogen receptor $\hat{\pm}$ - and G protein-coupled receptor 30-mediated signaling and proliferation in cancer cells and cancer-associated fibroblasts.

Genotoxicity of 1-methylpyrene and 1-hydroxymethylpyrene in Chinese hamster V79-derived cells expressing both human CYP2E1 and SULT1A1.

The distribution in tissues and urine of arsenic metabolites after subchronic exposure to dimethylarsinic acid (DMAV) in rats.

Proinflammatory effect of trivalent arsenical species in a co-culture of Caco-2 cells and peripheral blood mononuclear cells.

[Health risk assessment on pesticide residues in drinking water in Shenzhen].

Anti-inflammatory activity of cinnamon (*C. zeylanicum* and *C. cassia*) extracts - identification of E-cinnamaldehyde and o-methoxy cinnamaldehyde as the most potent bioactive compounds.

DMA(V) in Drinking Water Activated NF- $\hat{\rho}$ B Signal Pathway and Increased TGF- $\hat{\rho}$ and IL-1 $\hat{\rho}$ Expressions in Bladder Epithelial Cells of Rats.

Gingiva Equivalents Secrete Negligible Amounts of Key Chemokines Involved in Langerhans Cell Migration Compared to Skin Equivalents.

Cinnamaldehyde derivative (CB-PIC) sensitizes chemo-resistant cancer cells to drug-induced apoptosis via suppression of MDR1 and its upstream STAT3 and AKT signalling.

Effects of toluene, acrolein and vinyl chloride on motor activity of *Drosophila melanogaster*.

Cytotoxicity of PEGylated liposomes co-loaded with novel pro-apoptotic drug NCL-240 and the MEK inhibitor cobimetinib against colon carcinoma in vitro.

Micellar formulation of indocyanine green for phototherapy of melanoma.

Anti-androgen flutamide suppresses hepatocellular carcinoma cell proliferation via the aryl hydrocarbon receptor mediated induction of transforming growth factor- $\hat{\rho}$ 1.

Enhanced toxicity and cellular uptake of methotrexate-conjugated nanoparticles in folate receptor-positive cancer cells by decorating with folic acid-conjugated d- $\hat{\pm}$ -tocopheryl polyethylene glycol 1000 succinate.

Assessment of global and gene-specific DNA methylation in rat liver and kidney in response to non-genotoxic carcinogen exposure.

Continuous activation of Nrf2 and its target antioxidant enzymes leads to arsenite-induced malignant transformation of human bronchial epithelial cells.

The aryl hydrocarbon receptor suppresses cigarette-smoke-induced oxidative stress in association with dioxin response element (DRE)-independent regulation of sulfiredoxin 1.

Environmental Polychlorinated Biphenyl Exposure and Breast Cancer Risk: A Meta-Analysis of Observational Studies.

Design, Synthesis and in Vivo Evaluation of Novel Glycosylated Sulfonylureas as Antihyperglycemic Agents.

Evaluating microRNA profiles reveals discriminative responses following genotoxic or non-genotoxic carcinogen exposure in primary mouse hepatocytes.

Mechanical properties of normal versus cancerous breast cells.

Epigenetic mechanisms underlying arsenic-associated lung carcinogenesis.

Cyclodextrin-modified MEKC method for quantification of selected acidic metabolites of catecholamines in the presence of various biogenic amines. Application to diagnosis of neuroblastoma.

Ethanol enhances arsenic-induced cyclooxygenase-2 expression via both NFAT and NF- κ B signalings in colorectal cancer cells.

A constitutive active MAPK/ERK pathway due to BRAFV600E positively regulates AHR pathway in PTC.

Development of Species-Specific Ah Receptor-Responsive Third Generation CALUX Cell Lines with Enhanced Responsiveness and Improved Detection Limits.

17-Allylamino-17-demethoxygeldanamycin and Herbimycin A Induce Cell Death by Modulating β -Catenin and PI3K/AKT Signaling in FRO Anaplastic Thyroid Carcinoma Cells.

Several Ryanodine Receptor Type 1 Gene Mutations of p.Arg2508 Are Potential Sources of Malignant Hyperthermia.

Residential Exposure to Pesticide During Childhood and Childhood Cancers: A Meta-Analysis.

Proximal tubular efflux transporters involved in renal excretion of p-cresyl sulfate and p-cresyl glucuronide: Implications for chronic kidney disease pathophysiology.

The adverse outcome pathway for rodent liver tumor promotion by sustained activation of the aryl hydrocarbon receptor.

Modulation of aryl hydrocarbon receptor-regulated enzymes by trimethylarsine oxide in C57BL/6 mice: In vivo and in vitro studies.

2,3,5-Trimethoxy-4-cresol, an anti-metastatic constituent from the solid-state cultured mycelium of *Antrodia cinnamomea* and its mechanism.

Regulation of p53-targeting microRNAs by polycyclic aromatic hydrocarbons: Implications in the etiology of multiple myeloma.

Aryl hydrocarbon receptor-microRNA-212/132 axis in human breast cancer suppresses metastasis by targeting SOX4.

Human bronchial epithelial BEAS-2B cells, an appropriate in vitro model to study heavy metals induced carcinogenesis.

Graphene-like two-dimensional layered nanomaterials: applications in biosensors and nanomedicine.

A Curcumin Derivative That Inhibits Vinyl Carbamate-Induced Lung Carcinogenesis via Activation of the Nrf2 Protective Response.

KML001 Induces Apoptosis and Autophagic Cell Death in Prostate Cancer Cells via Oxidative Stress Pathway.

Influence of dioxin on the daily variation of insulin sensitivity in mice.

Hierarchical regression for analyses of multiple outcomes.

HMME combined with green light-emitting diode irradiation results in efficient apoptosis on human tongue squamous cell carcinoma.

NADPH Oxidase-Mediated Superoxide Production by Intermediary Bacterial Metabolites of Dibenzofuran: A Potential Cause for Trans-Mitochondrial Membrane Potential ($\Delta\psi_m$) Collapse in Human Hepatoma Cells.

Ablation of XP-V gene causes adipose tissue senescence and metabolic abnormalities.

Differential Effects of Glycyrrhiza Species on Genotoxic Estrogen Metabolism: Licochalcone A Downregulates P450 1B1, whereas Isoliquiritigenin Stimulates It.

Dioxin receptor regulates aldehyde dehydrogenase to block melanoma tumorigenesis and metastasis.

Insulin attenuates arsenic-induced neurite outgrowth impairments by activating the PI3K/Akt/SIRT1 signaling pathway.

Malignant hyperthermia: a review.

Determination of the active transport of fucoidan derived from Okinawa Mozuku across the human intestinal Caco-2 cells as assessed by size-exclusion chromatography.

Pesticide Use and Relative Leukocyte Telomere Length in the Agricultural Health Study.

Activation of aryl hydrocarbon receptor promotes invasion of clear cell renal cell carcinoma and is associated with poor prognosis and cigarette smoke.

The AhR Ligand, TCDD, Regulates Androgen Receptor Activity Differently in Androgen-Sensitive versus Castration-Resistant Human Prostate Cancer Cells.

Chronic inorganic arsenic exposure in vitro induces a cancer cell phenotype in human peripheral lung epithelial cells.

Exposure to polychlorinated biphenyls and hexachlorobenzene, semen quality and testicular cancer risk.

Effect of Sodium Arsenite on Mouse Skin Carcinogenesis.

Tetramethylpyrazine (TMP) protects against sodium arsenite-induced nephrotoxicity by suppressing ROS production, mitochondrial dysfunction, pro-inflammatory signaling pathways and programmed cell death.

The Use of Chemical-Chemical Interaction and Chemical Structure to Identify New Candidate Chemicals Related to Lung Cancer.

Disruptive environmental chemicals and cellular mechanisms that confer resistance to cell death.

Environmental immune disruptors, inflammation and cancer risk.

The effect of environmental chemicals on the tumor microenvironment.

Chemical compounds from anthropogenic environment and immune evasion mechanisms: potential interactions.

Activating and Inhibitory Functions of WNT/ β -Catenin in the Induction of Cytochromes P450 by Nuclear Receptors in HepaRG Cells.

Increased expression of activated pSTAT3 and PIM-1 in the pulmonary vasculature of experimental congenital diaphragmatic hernia.

Arsenic exposure and prevalence of the varicella zoster virus in the United States: NHANES (2003-2004 and 2009-2010).

Effect of tocopherol on biochemical blood parameters in pleuritis-induced rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Aminomethylphosphonic acid and methoxyacetic acid induce apoptosis in prostate cancer cells.

Omeprazole Inhibits Pancreatic Cancer Cell Invasion through a Nongenomic Aryl Hydrocarbon Receptor Pathway.

Involvement of iron depletion in palmitate-induced lipotoxicity of beta cells.

Ferrous sulfate, but not iron polymaltose complex, aggravates local and systemic inflammation and oxidative stress in dextran sodium sulfate-induced colitis in rats.

Low Concentrations of Uncouplers of Oxidative Phosphorylation Prevent Inflammatory Activation of Endothelial Cells by Tumor Necrosis Factor.

The aryl hydrocarbon receptor (AhR) mediates resistance to apoptosis induced in breast cancer cells.

The aryl hydrocarbon receptor regulates an essential transcriptional element in the immunoglobulin heavy chain gene.

Increased levels of dioxin-like substances in adipose tissue in patients with deep infiltrating endometriosis.

Locomotor activity and sensory-motor developmental alterations in rat offspring exposed to arsenic prenatally and via lactation.

Anti-leukemic effect of sodium metaarsenite (KML001) in acute myeloid leukemia with breaking-down the resistance of cytosine arabinoside.

Time- and spectrally resolved characteristics of flavin fluorescence in U87MG cancer cells in culture.

2,3,7,8-Tetrachlorodibenzo-p-dioxin modulates estradiol-induced aldehydic DNA lesions in human breast cancer cells through alteration of CYP1A1 and CYP1B1 expression.

3-(Benzo[d][1,3]dioxol-5-ylamino)-N-(4-fluorophenyl)thiophene-2-carboxamide overcomes cancer chemoresistance via inhibition of angiogenesis and P-glycoprotein efflux pump activity.

Pax3 and Pax7 play essential safeguard functions against environmental stress-induced birth defects.

Modulation of colon cancer by nutmeg.

Mitochondrial vulnerability and increased susceptibility to nutrient-induced cytotoxicity in fibroblasts from Leigh syndrome French Canadian patients.

Associations of plasma concentrations of dichlorodiphenyldichloroethylene and polychlorinated biphenyls with prostate cancer: a case-control study in Guadeloupe (French West Indies).

Chronic cardiovascular disease-associated gene network analysis in human umbilical vein endothelial cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Estrogenic endocrine-disrupting chemicals modulate the production of inflammatory mediators and cell viability of lipopolysaccharide-stimulated macrophages.

Gestational exposure to the AhR agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin induces BRCA-1 promoter hypermethylation and reduces BRCA-1 expression in mammary tissue of rat offspring: preventive effects of resveratrol.

Associations between self-reported pest treatments and pesticide concentrations in carpet dust.

Inorganic Arsenic-induced cellular transformation is coupled with genome wide changes in chromatin structure, transcriptome and splicing patterns.

Estimated dietary dioxin exposure and breast cancer risk among women from the French E3N prospective cohort.

Stability of the aryl hydrocarbon receptor and its regulated genes in the low activity variant of Hepa-1 cell line.

Synergic actions of polyphenols and cyanogens of peanut seed coat (*Arachis hypogaea*) on cytological, biochemical and functional changes in thyroid.

Developmental exposure to 2,3,7,8 tetrachlorodibenzo-p-dioxin attenuates later-life Notch1-mediated T cell development and leukemogenesis.

Internal exposure to organochlorine pollutants and cadmium and self-reported health status: a prospective study.

Is lymphocyte adenosine a diagnostic marker of clinical malignant hyperthermia? A pilot study.

Associations between urinary phenol and paraben concentrations and markers of oxidative stress and inflammation among pregnant women in Puerto Rico.

The inflammation and estrogen metabolism impacts of polychlorinated biphenyls on endometrial cancer cells.

Estimation of a benchmark dose in the presence or absence of hormesis using posterior averaging.

Resveratrol abrogates the effects of hypoxia on cell proliferation, invasion and EMT in osteosarcoma cells through downregulation of the HIF-1 α protein.

Identification of modulators of the nuclear receptor peroxisome proliferator-activated receptor α (PPAR α) in a mouse liver gene expression compendium.

Novel heat shock protein 90 inhibitor NVP-AUY922 synergizes with the histone deacetylase inhibitor PXD101 in induction of death of anaplastic thyroid carcinoma cells.

Lineage-dependent effects of aryl hydrocarbon receptor agonists contribute to liver tumorigenesis.

Shed syndecan-1 translocates to the nucleus of cells delivering growth factors and inhibiting histone acetylation: a novel mechanism of tumor-host cross-talk.

MicroRNA-21, up-regulated by arsenite, directs the epithelial-mesenchymal transition and enhances the invasive potential of transformed human bronchial epithelial cells by targeting PDCD4.

Cell surface heparan sulfate proteoglycans are involved in the binding of Hsp90 α and Hsp90 β to the cell plasma membrane.

Differential expression of CYP1A1 and CYP1A2 genes in H4IIE rat hepatoma cells exposed to TCDD and PAHs.

KML001 enhances anticancer activity of gemcitabine against pancreatic cancer cells.

Enhancement of cytotoxic effect on human head and neck cancer cells by combination of photodynamic therapy and sulforaphane.

Antiandrogenic mechanisms of pesticides in human LNCaP prostate and H295R adrenocortical carcinoma cells.

Genetic variation in arsenic (+3 oxidation state) methyltransferase (AS3MT), arsenic metabolism and risk of basal cell carcinoma in a European population.

Non-Cytotoxic Quantum Dot-Chitosan Nanogel Biosensing Probe for Potential Cancer Targeting Agent.

Roles of oxidative stress and the ERK1/2, PTEN and p70S6K signaling pathways in arsenite-induced autophagy.

World Health Organization estimates of the global and regional disease burden of four foodborne chemical toxins, 2010: a data synthesis.

Determination of Heavy Metal Concentrations in Normal and Pathological Human Endometrial Biopsies and In Vitro Regulation of Gene Expression by Metals in the Ishikawa and Hec-1b Endometrial Cell Line.

A fetal whole ovarian culture model for the evaluation of CrVI-induced developmental toxicity during germ cell nest breakdown.

Toxicity studies of 5-amino-o-cresol administered dermally to F344/NTac rats and B6C3F1/N mice.

Resveratrol via sirtuin-1 downregulates RE1-silencing transcription factor (REST) expression preventing PCB-95-induced neuronal cell death.

Mechanism of triphenylmethane Cresol Red degradation by *Trichoderma harzianum* M06.

The small heat shock protein, HSP30, is associated with aggresome-like inclusion bodies in proteasomal inhibitor-, arsenite-, and cadmium-treated *Xenopus* kidney cells.

Increased susceptibility of H-Ras(G12V)-transformed human urothelial cells to the genotoxic effects of sodium arsenite.

Synthesis, Molecular Structure, Metabolic Stability and QSAR Studies of a Novel Series of Anticancer N-Acylbenzenesulfonamides.

In Vitro Cytotoxicity and Adaptive Stress Responses to Selected Haloacetic Acid and Halobenzoquinone Water Disinfection Byproducts.

The role of thioredoxin reductase and glutathione reductase in plumbagin-induced, reactive oxygen species-mediated apoptosis in cancer cell lines.

Screening a mouse liver gene expression compendium identifies modulators of the aryl hydrocarbon receptor (AhR).

Delineating bacterial community structure of polluted soil samples collected from cancer prone belt of Punjab, India.

Predictive modes of action of pesticides in uterine adenocarcinoma development in rats.

Aryl Hydrocarbon Receptor Activity of Tryptophan Metabolites in Young Adult Mouse Colonocytes.

2,3,7,8-tetrachlorodibenzo-p-dioxin decrease expression of aryl hydrocarbon receptor in peripheral lymphocyte of β^0 -thalassemia major patients.

Tumor necrosis factor- α inhibits effects of aryl hydrocarbon receptor ligands on cell death in human lymphocytes.

Solubility shift and SUMOylation of promyelocytic leukemia (PML) protein in response to arsenic(III) and fate of the SUMOylated PML.

Synthesis and phototoxicity of isomeric 7,9-diglutathione pyrrole adducts: Formation of reactive oxygen species and induction of lipid peroxidation.

A computational method for the identification of new candidate carcinogenic and non-carcinogenic chemicals.

Polychlorinated Biphenyls (PCB 101, 153, and 180) Impair Murine Macrophage Responsiveness to Lipopolysaccharide: Involvement of NF- κ B Pathway.

Green tea (*Camellia sinensis*) alleviates arsenic-induced damages to DNA and intestinal tissues in rat and in situ intestinal loop by reinforcing antioxidant system.

Highly Expressed Genes in Rapidly Proliferating Tumor Cells as New Targets for Colorectal Cancer Treatment.

Fluorescent magnetic bead-based mast cell biosensor for electrochemical detection of allergens in foodstuffs.

Substrate and stereocontrolled iodocycloetherification of highly functionalized enantiomerically pure allylic alcohols: application to synthesis of cytotoxic 2-epi jaspine B and its biological evaluation.

Aryl hydrocarbon receptor regulates CYP1B1 but not ABCB1 and ABCG2 in hCMEC/D3 human cerebral microvascular endothelial cells after TCDD exposure.

The aryl hydrocarbon receptor-dependent disruption of contact inhibition in rat liver WB-F344 epithelial cells is linked with induction of survivin, but not with inhibition of apoptosis.

Protective effect of telmisartan treatment against arsenic-induced testicular toxicity in rats.

Comet assay evaluation of six chemicals of known genotoxic potential in rats.

Gastrointestinal protective efficacy of Kolaviron (a bi-flavonoid from *Garcinia kola*) following a single administration of sodium arsenite in rats: Biochemical and histopathological studies.

A bioassay to measure energy metabolism in mouse colonic crypts, organoids, and sorted stem cells.

Day-to-day variability of toxic events induced by organic compounds bound to size segregated atmospheric aerosol.

Illegal Dumping of Toxic Waste and Its Effect on Human Health in Campania, Italy.

AhR-dependent secretion of PDGF-BB by human classically activated macrophages exposed to DEP extracts stimulates lung fibroblast proliferation.

Antioxidant and anti-inflammatory levan produced from *Acetobacter xylinum* NCIM2526 and its statistical optimization.

Towards microbial fermentation metabolites as markers for health benefits of prebiotics.

Steroid hormone related effects of marine persistent organic pollutants in human H295R adrenocortical carcinoma cells.

Characterization of arsenic hepatobiliary transport using sandwich-cultured human hepatocytes.

Characterization of Batracylin-induced Renal and Bladder Toxicity in Rats.

Phosphatidylcholine Specific PLC-Induced Dysregulation of Gap Junctions, a Robust Cellular Response to Environmental Toxicants, and Prevention by Resveratrol in a Rat Liver Cell Model.

Lithium protects against paraquat neurotoxicity by NRF2 activation and miR-34a inhibition in SH-SY5Y cells.

Amphiphilic zinc phthalocyanine photosensitizers: synthesis, photophysicochemical properties and in vitro studies for photodynamic therapy.

An estimation of the carcinogenic risk associated with the intake of multiple relevant carcinogens found in meat and charcuterie products.

Synthesis of phenstatin/isocombretastatin-chalcone conjugates as potent tubulin polymerization inhibitors and mitochondrial apoptotic inducers.

Human health risk assessment of soil dioxin/furans contamination and dioxin-like activity determined by ethoxyresorufin-O-deethylase bioassay.

Antioxidant compounds in the seaweed *Gelidiella acerosa* protects human Peripheral Blood Mononuclear Cells against TCDD induced toxicity.

Regulation of human hepatic drug transporter activity and expression by diesel exhaust particle extract.

Arsenic responsive microRNAs in vivo and their potential involvement in arsenic-induced oxidative stress.

Inflammation and pyroptosis mediate muscle expansion in an interleukin-1 β (IL-1 β)-dependent manner.

Potential of Different *Coleus blumei* Tissues for Rosmarinic Acid Production.

Idiopathic erythrocytosis in a patient on chronic hemodialysis.

[Gender-dependent expression of ER α in arsenic exposed mice offspring's lung tissue].

Characterization and risk assessment of polychlorinated biphenyls in city park soils of Xi'an, China.

Suppression of human B cell activation by 2,3,7,8-tetrachlorodibenzo-p-dioxin involves altered regulation of B cell lymphoma-6.

The toxicity of sediments from Taihu Lake evaluated by several in vitro bioassays.

Production of anti-cancer triterpene (betulinic acid) from callus cultures of different *Ocimum* species and its elicitation.

Nicotinamide enhances repair of arsenic and ultraviolet radiation-induced DNA damage in HaCaT keratinocytes and ex vivo human skin.

Characterization of a small constitutive promoter from *Arabidopsis* translationally controlled tumor protein (AtTCTP) gene for plant transformation.

Pollutants in pet dogs: a model for environmental links to breast cancer.

Chloroacetic acid triggers apoptosis in neuronal cells via a reactive oxygen species-induced endoplasmic reticulum stress signaling pathway.

Different regulation of aryl hydrocarbon receptor-regulated genes in response to dioxin in undifferentiated and neuronally differentiated human neuroblastoma SH-SY5Y cells.

The Role of the Metabolism of Anticancer Drugs in Their Induced-Cardiotoxicity.

Glu504Lys Single Nucleotide Polymorphism of Aldehyde Dehydrogenase 2 Gene and the Risk of Human Diseases.

Naringin ameliorates sodium arsenite-induced renal and hepatic toxicity in rats: decisive role of KIM-1, Caspase-3, TGF- β 2, and TNF- α .

The estimation of consumer health risk associated with organochlorine xenobiotics in hard smoked cheese in Poland.

Occupational exposure assessment of highway toll station workers to vehicle engine exhaust.

Persistence and dioxin-like toxicity of carbazole and chlorocarbazoles in soil.

Protective effect of Xuebijing injection on paraquat-induced pulmonary injury via down-regulating the expression of p38 MAPK in rats.

The role of p38 MAPK in acute paraquat-induced lung injury in rats.

Parental military service, agent orange exposure, and the risk of rhabdomyosarcoma in offspring.

Challenges in investigating the association between Agent Orange and cancer: site-specific cancer risk and accuracy of exposure assessment.

Agent Orange exposure and cancer incidence in Korean Vietnam veterans: a prospective cohort study.

Dose and temporal effects on gene expression profiles of urothelial cells from rats exposed to diuron.

Impaired development of female mouse offspring maternally exposed to simazine.

Carcinogenicity of metamifop, a novel herbicide, in Wistar rats following oral administration for 104 weeks.

The effect of Agent Orange on nonmelanoma skin cancer regression rates.

Induced pluripotent stem cells without c-Myc ameliorate retinal oxidative damage via paracrine effects and reduced oxidative stress in rats.

Characterization of nuclear receptor-mediated murine hepatocarcinogenesis of the herbicide pronamide and its human relevance.

Toxic effects of paraquat on cytokine expression in common carp, *Cyprinus carpio* L.

Guarana (*Paullinia cupana* Mart.) prevents β -amyloid aggregation, generation of advanced glycation-end products (AGEs), and acrolein-induced cytotoxicity on human neuronal-like cells.

Pesticide exposure as a risk factor for myelodysplastic syndromes: a meta-analysis based on 1,942 cases and 5,359 controls.

Characterization of paraquat-induced miRNA profiling response in hNPCs undergoing proliferation.

A critical review of the epidemiology of Agent Orange/TCDD and prostate cancer.

Effects of atrazine and chlorpyrifos on DNA methylation in the liver, kidney and gill of the common carp (*Cyprinus carpio* L.).

Arabidopsis CPL4 is an essential C-terminal domain phosphatase that suppresses xenobiotic stress responses.

Influence of the spray adjuvant on the toxicity effects of a glyphosate formulation.

Effects of bentazone on lipid peroxidation and antioxidant systems in human erythrocytes in vitro.

Alterations in energy/redox metabolism induced by mitochondrial and environmental toxins: a specific role for glucose-6-phosphate-dehydrogenase and the pentose phosphate pathway in paraquat toxicity.

Acrolein-exposed normal human lung fibroblasts in vitro: cellular senescence, enhanced telomere erosion, and degradation of Werner's syndrome protein.

Hydrogen peroxide responsive miR153 targets Nrf2/ARE cytoprotection in paraquat induced dopaminergic neurotoxicity.

Toxicity endpoint selections for a simazine risk assessment.

FTY720 attenuates paraquat-induced lung injury in mice.

Modulatory effects of curcumin on redox status, mitochondrial function, and caspase-3 expression during atrazin-induced toxicity.

Evaluation of potential endocrine activity of 2,4-dichlorophenoxyacetic acid using in vitro assays.

Acrolein induction of oxidative stress and degranulation in mast cells.

Polyamine modification by acrolein exclusively produces 1,5-diazacyclooctanes: a previously unrecognized mechanism for acrolein-mediated oxidative stress.

Changes in phosphatidylinositol 3-kinase 55 kDa gamma expression and subcellular localization may be caspase 6 dependent in paraquat-induced SH-SY5Y apoptosis.

Time course of urothelial changes in rats and mice orally administered arsenite.

Acrolein- and 4-Aminobiphenyl-DNA adducts in human bladder mucosa and tumor tissue and their mutagenicity in human urothelial cells.

Regulation of expression and activity of multidrug resistance proteins MRP2 and MDR1 by estrogenic compounds in Caco-2 cells. Role in prevention of xenobiotic-induced cytotoxicity.

[Tumor necrosis factor- α induced protein 6 attenuates acute kidney injury following paraquat poisoning in rats].

[The efficacy of traditional Chinese medicine in animal model of lung injury induced by paraquat: a meta-analysis].

[The interventional effect of Xuebijing injection on expression of mitochondrial fusion protein 2 and the ultrastructure changes in lung tissues in rats with paraquat poisoning].

[Early acute liver injury in paraquat poisoning rats].

Pentachlorophenol exposure causes Warburg-like effects in zebrafish embryos at gastrulation stage.

Hydrolysis reaction mechanism in atrazine metabolism and prediction of its metabolites' toxicities.

Acrolein and asthma attack prevalence in a representative sample of the United States adult population 2000-2009.

Airborne acrolein induces keratin-8 (Ser-73) hyperphosphorylation and intermediate filament ubiquitination in bronchiolar lung cell monolayers.

Validity of geographically modeled environmental exposure estimates.

Naringenin exerts cytoprotective effect against paraquat-induced toxicity in human bronchial epithelial BEAS-2B cells through NRF2 activation.

Diuron-induced rat urinary bladder carcinogenesis: mode of action and human relevance evaluations using the International Programme on Chemical Safety framework.

Chaetoglobosins from *Chaetomium globosum*, an endophytic fungus in *Ginkgo biloba*, and their phytotoxic and cytotoxic activities.

Non-Hodgkin lymphoma and occupational exposure to agricultural pesticide chemical groups and active ingredients: a systematic review and meta-analysis.

±-Tocopheryl succinate pre-treatment attenuates quinone toxicity in prostate cancer PC3 cells.

Environmental neurotoxic challenge of conditional alpha-synuclein transgenic mice predicts a dopaminergic olfactory-striatal interplay in early PD.

A unique co-culture model for fundamental and applied studies of human fetoplacental steroidogenesis and interference by environmental chemicals.

Toxicological properties of the thiolated inorganic arsenic and arsenosugar metabolite thio-dimethylarsinic acid in human bladder cells.

Systems biology approach for evaluating the biological impact of environmental toxicants in vitro.

In vitro biological activity of decoction of Joshanda.

Atrazine represses S100A4 gene expression and TPA-induced motility in HepG2 cells.

N-acetyl cysteine prevents synergistic, severe toxicity from two hits of oxidative stress.

Association between Agent Orange exposure and nonmelanotic invasive skin cancer: a pilot study.

[Protective effect and mechanisms of pituitrin on acute paraquat-induced lung injury in rats].

Trivalent arsenic species induce changes in expression and levels of proinflammatory cytokines in intestinal epithelial cells.

[Epidemiological studies about cancer and herbicides].

CB2 receptor activation ameliorates the proinflammatory activity in acute lung injury induced by paraquat.

High cortisol and cortisone levels are associated with breast milk dioxin concentrations in Vietnamese women.

Characterization of intracellular inclusions in the urothelium of mice exposed to inorganic arsenic.

Consensus diagnoses and mode of action for the formation of gastric tumors in rats treated with the chloroacetanilide herbicides alachlor and butachlor.

The impact of Agent Orange exposure on presentation and prognosis of patients with chronic lymphocytic leukemia.

Selenoprotein H suppresses cellular senescence through genome maintenance and redox regulation.

HER2 confers drug resistance of human breast cancer cells through activation of NRF2 by direct interaction.

Herbicide paraquat induces sex-specific variation of neuroinflammation and neurodegeneration in *Drosophila melanogaster*.

'Knowing is not enough; we must apply. Willing is not enough; we must do.'

Agent Orange exposure and risk of death in Korean Vietnam veterans: Korean Veterans Health Study.

HDAC inhibitors increase NRF2-signaling in tumour cells and blunt the efficacy of co-administered cytotoxic agents.

Protective effects of intranasal curcumin on paraquat induced acute lung injury (ALI) in mice.

Immune suppressive effect of cinnamaldehyde due to inhibition of proliferation and induction of apoptosis in immune cells: implications in cancer.

Is science public health's BFF?

Metabolism of arsenic trioxide in acute promyelocytic leukemia cells.

Synthesis, characterization and in vitro study of biocompatible cinnamaldehyde functionalized magnetite nanoparticles (CPGF Nps) for hyperthermia and drug delivery applications in breast cancer.

XRCC1 Arg194Trp and Arg399Gln polymorphisms and arsenic methylation capacity are associated with urothelial carcinoma.

Atorvastatin attenuates the paraquat-induced pulmonary inflammation via PPAR γ receptors: a new indication for atorvastatin.

Statil suppresses cancer cell growth and proliferation by the inhibition of tumor marker AKR1B10.

Pharmacological inhibition of CXCR2 chemokine receptors modulates paraquat-induced intoxication in rats.

[Inhibitory effect of cinnamaldehyde on invasion capacities of human breast cancer cell line MDA-MB-435S and its relation with regulating the expression of miR-27a].

Possible role of Toll-like receptor-2 in the intracellular survival of *Staphylococcus aureus* in murine peritoneal macrophages: involvement of cytokines and anti-oxidant enzymes.

3-(2-oxoethylidene)indolin-2-one derivatives activate Nrf2 and inhibit NF- κ B: potential candidates for chemoprevention.

EGR1-dependent PTEN upregulation by 2-benzoyloxycinnamaldehyde attenuates cell invasion and EMT in colon cancer.

Suppression of sulfoconjugation reduces the protective effect of ortho-aminoazotoluene on hepatocarcinogenesis induced by diethylnitrosamine in mice.

Research on tumorigenicity of cinnamaldehyde in melanoma cell lines and its mechanism.

Liposome-encapsulated cinnamaldehyde enhances zebrafish (*Danio rerio*) immunity and survival when challenged with *Vibrio vulnificus* and *Streptococcus agalactiae*.

Polyphenols bearing cinnamaldehyde scaffold showing cell growth inhibitory effects on the cisplatin-resistant A2780/Cis ovarian cancer cells.

Mechanical stretch exacerbates the cell death in SH-SY5Y cells exposed to paraquat: mitochondrial dysfunction and oxidative stress.

Absence of P-glycoprotein transport in the pharmacokinetics and toxicity of the herbicide paraquat.

Cinnamaldehyde/chemotherapeutic agents interaction and drug-metabolizing genes in colorectal cancer.

Dual pH-sensitive oxidative stress generating micellar nanoparticles as a novel anticancer therapeutic agent.

β -Hexylcinnamaldehyde inhibits the genotoxicity of environmental pollutants in the bacterial reverse mutation assay.

An efficient in vitro system for somatic embryogenesis and podophyllotoxin production in *Podophyllum hexandrum* Royle.

Trivalent methylated arsenic metabolites induce apoptosis in human myeloid leukemic HL-60 cells through generation of reactive oxygen species.

Cinnamaldehyde and cinnamaldehyde-containing micelles induce relaxation of isolated porcine coronary arteries: role of nitric oxide and calcium.

A novel multi-amplification photoelectrochemical immunoassay based on copper(II) enhanced polythiophene sensitized graphitic carbon nitride nanosheet.

Herbimycin A inhibits cell growth with reversal of epithelial-mesenchymal transition in anaplastic thyroid carcinoma cells.

Human CYP2E1-dependent and human sulfotransferase 1A1-modulated induction of micronuclei by benzene and its hydroxylated metabolites in Chinese hamster V79-derived cells.

Aryl hydrocarbon receptor ligands in cancer: friend and foe.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) inhibits human ovarian cancer cell proliferation.

A nanoparticulate ferritin-core mimetic is well taken up by HuTu 80 duodenal cells and its absorption in mice is regulated by body iron.

Increased pulmonary vascular expression of KrÄppel-like factor 5 and activated survivin in experimental congenital diaphragmatic hernia.

Silencing KRAS overexpression in arsenic-transformed prostate epithelial and stem cells partially mitigates malignant phenotype.

Sodium arsenite induces apoptosis and Epstein-Barr virus reactivation in lymphoblastoid cells.

Potential involvement of chemicals in liver cancer progression: an alternative toxicological approach combining biomarkers and innovative technologies.

The N-terminal region of p27 inhibits HIF-1Î± protein translation in ribosomal protein S6-dependent manner by regulating PHLPP-Ras-ERK-p90RSK axis.

In silico identification of an aryl hydrocarbon receptor antagonist with biological activity in vitro and in vivo.

Arsenic exposure disrupts the normal function of the FA/BRCA repair pathway.

Effect of mitochondrial metabolism-interfering agents on cancer cell mitochondrial function and radio/chemosensitivity.

AhR signalling and dioxin toxicity.

The novel regulations of MEF2A, CAMKK2, CALM3, and TNNI3 in ventricular hypertrophy induced by arsenic exposure in rats.

The comparison of antimutagenicity and anticancer activities of Echinophora platyloba DC on acute promyelocytic leukemia cancer cells.

Metformin suppresses CYP1A1 and CYP1B1 expression in breast cancer cells by down-regulating aryl hydrocarbon receptor expression.

The Ah receptor regulates growth factor expression in head and neck squamous cell carcinoma cell lines.

Defining molecular sensors to assess long-term effects of pesticides on carcinogenesis.

Functional characterisation of the R2452W ryanodine receptor variant associated with malignant hyperthermia susceptibility.

Persistent organic pollutants and inflammatory markers in a cross-sectional study of elderly Swedish people: the PIVUS cohort.

Farm residence and lymphohematopoietic cancers in the Iowa Women's Health Study.

Lung tumors in mice induced by "whole-life" inorganic arsenic exposure at human-relevant doses.

Statin-induced inhibition of breast cancer proliferation and invasion involves attenuation of iron transport: intermediacy of nitric oxide and antioxidant defence mechanisms.

HuR regulates alternative splicing of the TRA2^{ï¿½} gene in human colon cancer cells under oxidative stress.

The formation of DNA single-strand breaks and alkali-labile sites in human blood lymphocytes exposed to 365-nm UVA radiation.

Yashada bhasma (Zinc calx) and Tanka (Borax) inhibit *Propionibacterium acne* and suppresses acne induced inflammation in vitro.

Activation of the aryl hydrocarbon receptor affects activation and function of human monocyte-derived dendritic cells.

Long-term low-dose exposure of human urothelial cells to sodium arsenite activates lipocalin-2 via promoter hypomethylation.

Androgen receptor signaling in hepatocellular carcinoma and pancreatic cancers.

The association of uremic toxins and inflammation in hemodialysis patients.

The aryl hydrocarbon receptor ligand omeprazole inhibits breast cancer cell invasion and metastasis.

Interplay between Dioxin-mediated signaling and circadian clock: a possible determinant in metabolic homeostasis.

KML001 inhibits cell proliferation and invasion in pancreatic cancer cells through suppression of NF- κ B and VEGF-C.

Amphiphilic block copolymers bearing six-membered ortho ester ring in side chains as potential drug carriers: synthesis, characterization, and in vivo toxicity evaluation.

Gold nanoshells-mediated bimodal photodynamic and photothermal cancer treatment using ultra-low doses of near infra-red light.

Application of biochar to soil reduces cancer risk via rice consumption: a case study in Miaoqian village, Longyan, China.

Liver tumor promotion by 2,3,7,8-tetrachlorodibenzo-p-dioxin is dependent on the aryl hydrocarbon receptor and TNF/IL-1 receptors.

Influence of a municipal solid waste landfill in the surrounding environment: toxicological risk and odor nuisance effects.

Metabolites of tobacco smoking and colorectal cancer risk.

Yusho patients show increased serum IL-17, IL-23, IL-1^{ï¿½}, and TNF α levels more than 40 years after accidental polychlorinated biphenyl poisoning.

Production of the anti-inflammatory compound 6-O-palmitoyl-3-O- β -D-glucopyranosylcampesterol by Callus cultures of *Lopezia racemosa* Cav. (Onagraceae).

Hepatoprotective and anticlastogenic effects of ethanol extract of *Irvingia gabonensis* (IG) leaves in sodium arsenite-induced toxicity in male Wistar rats.

TCDD promotes lung tumors via attenuation of apoptosis through activation of the Akt and ERK1/2 signaling pathways.

The acquisition of cancer stem cell-like properties and neoplastic transformation of human keratinocytes induced by arsenite involves epigenetic silencing of let-7c via Ras/NF- κ B.

[Analgesic effect of DICLORAL on radiation-induced oral mucositis].

2,3,7,8-Tetrachlorodibenzo-p-dioxin promotes astrocyte activation and the secretion of tumor necrosis factor- α via PKC/SSeCKS-dependent mechanisms.

Hypoxia-inducible aryl hydrocarbon receptor nuclear translocator (ARNT) (HIF-1 β): is it a rare exception?

Mammalian microtubule P-body dynamics are mediated by nesprin-1.

Protein-bound uremic toxins, inflammation and oxidative stress: a cross-sectional study in stage 3-4 chronic kidney disease.

Cisplatin plus sodium arsenite and hyperthermia induces pseudo-G1 associated apoptotic cell death in ovarian cancer cells.

First demonstration of gold nanorods-mediated photodynamic therapeutic destruction of tumors via near infra-red light activation.

The TrkAIII oncoprotein inhibits mitochondrial free radical ROS-induced death of SH-SY5Y neuroblastoma cells by augmenting SOD2 expression and activity at the mitochondria, within the context of a tumour stem cell-like phenotype.

Activation of Nrf2 in keratinocytes causes chloracne (MADISH)-like skin disease in mice.

Homoisoflavanone prevents mast cell activation and allergic responses by inhibition of Syk signaling pathway.

Aberrant microRNA expression likely controls RAS oncogene activation during malignant transformation of human prostate epithelial and stem cells by arsenic.

Alcohol oxidizing enzymes and ethanol-induced cytotoxicity in rat pancreatic acinar AR42J cells.

Synergistic interactions between PBDEs and PCBs in human neuroblastoma cells.

The regulation of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-induced lung tumor promotion by estradiol in female A/J mice.

Drug-induced injury in the gastrointestinal tract.

2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure and prostate cancer: a meta-analysis of cohort studies.

Impact of long-term exposure to sodium arsenite on cytogenetic radiation damage.

Community air monitoring for pesticides. Part 3: using health-based screening levels to evaluate results collected for a year.

Aryl hydrocarbon receptor downregulates MYCN expression and promotes cell differentiation of neuroblastoma.

The NRF2-KEAP1 pathway is an early responsive gene network in arsenic exposed lymphoblastoid cells.

Functional characterization of 2 known ryanodine receptor mutations causing malignant hyperthermia.

Prenatal administration of retinoic acid increases the trophoblastic insulin-like growth factor 2 protein expression in the nitrofen model of congenital diaphragmatic hernia.

Oxidative stress-inducible truncated serine/arginine-rich splicing factor 3 regulates interleukin-8 production in human colon cancer cells.

Micronuclei in cord blood lymphocytes and associations with biomarkers of exposure to carcinogens and hormonally active factors, gene polymorphisms, and gene expression: the NewGeneris cohort.

Methylarsonous acid causes oxidative DNA damage in cells independent of the ability to biomethylate inorganic arsenic.

Aryl hydrocarbon receptor in breast cancer – a newly defined prognostic marker.

The aryl hydrocarbon receptor mediates raloxifene-induced apoptosis in estrogen receptor-negative hepatoma and breast cancer cells.

A novel 2,6-diformyl-4-methylphenol based chemosensor for Zn(II) ions by ratiometric displacement of Cd(II) ions and its application for cell imaging on human melanoma cancer cells.

MRNA and miRNA expression patterns associated to pathways linked to metal mixture health effects.

CYP1B1: a unique gene with unique characteristics.

KML001, a telomere-targeting drug, sensitizes glioblastoma cells to temozolomide chemotherapy and radiotherapy through DNA damage and apoptosis.

Histopathological evaluation of tumor necrosis and volume after cyanogenic chemotherapy.

Chemopreventive activity of turmeric essential oil and possible mechanisms of action.

Chronic exposure to chlorophenol related compounds in the pesticide production workplace and lung cancer: a meta-analysis.

Tumorigenic effects of endocrine-disrupting chemicals are alleviated by licorice (*Glycyrrhiza glabra*) root extract through suppression of AhR expression in mammalian cells.

Effects of AST-120 on blood concentrations of protein-bound uremic toxins and biomarkers of cardiovascular risk in chronic dialysis patients.

Arsenic reduces the antipyretic activity of paracetamol in rats: modulation of brain COX-2 activity and CB₁ receptor expression.

Hemorrhagin VaH4, a covalent heterodimeric P-III metalloproteinase from *Vipera ammodytes* ammodytes with a potential antitumour activity.

Mode of action and dose-response framework analysis for receptor-mediated toxicity: The aryl hydrocarbon receptor as a case study.

p-cresyl sulphate has pro-inflammatory and cytotoxic actions on human proximal tubular epithelial cells.

Aryl hydrocarbon receptor-dependent induction of liver fibrosis by dioxin.

Effects of sivelestat treatment on acute lung injury in paraquat-intoxicated rats.

Sodium meta-arsenite induces reactive oxygen species-dependent apoptosis, necrosis, and autophagy in both androgen-sensitive and androgen-insensitive prostate cancer cells.

Lack of nrf2 results in progression of proliferative lesions to neoplasms induced by long-term exposure to non-genotoxic hepatocarcinogens involving oxidative stress.

The toxic chemistry of methyl bromide.

Mutation spectra of Kras and Tp53 in urethral and lung neoplasms in B6C3F1 mice treated with 3,3',4,4'-tetrachloroazobenzene.

The Mammalian circadian clock gene per2 modulates cell death in response to oxidative stress.

Extraction of saponins and toxicological profile of *Teucrium stocksianum* boiss extracts collected from District Swat, Pakistan.

In vitro propagation and analysis of secondary metabolites in *Glossogyne tenuifolia* (Hsiang-Ju) - a medicinal plant native to Taiwan.

Effect of drinking water disinfection by-products in human peripheral blood lymphocytes and sperm.

Low level tumor necrosis factor-alpha protects cardiomyocytes against high level tumor necrosis factor-alpha: brief insight into a beneficial paradox.

Cytotoxic effects exerted by pentachlorophenol by targeting nodal pro-survival signaling pathways in human pancreatic cancer cells.

Induction of glutathione synthesis in human hepatocytes by acute and chronic arsenic exposure: differential roles of mitogen-activated protein kinases.

INCREASED RISK OF CHILDHOOD BRAIN TUMORS AMONG CHILDREN WHOSE PARENTS HAD FARM-RELATED PESTICIDE EXPOSURES DURING PREGNANCY.

Somatic embryo mediated mass production of *Catharanthus roseus* in culture vessel (bioreactor) - A comparative study.

Collateral sensitivity: ABCG2-overexpressing cells are more vulnerable to oxidative stress.

Estrogen receptor $\hat{\pm}$ and aryl hydrocarbon receptor cross-talk in a transfected hepatoma cell line (HepG2) exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Comparative proteomic analysis of ovary for Chinese rare minnow (*Gobiocypris rarus*) exposed to chlorophenol chemicals.

Oxidative stress affects FET proteins localization and alternative pre-mRNA processing in cellular models of ALS.

Differential susceptibility of human peripheral blood T cells to suppression by environmental levels of sodium arsenite and monomethylarsonous acid.

Toothache caused by trigeminal neuralgia of vestibular schwannoma: a case report. [Corrected].

Estimates of heavy metal tolerance and chromium(VI) reducing ability of *Pseudomonas aeruginosa* CCTCC AB93066: chromium(VI) toxicity and environmental parameters optimization.

In situ electrochemical assessment of cytotoxicity of chlorophenols in MCF-7 and HeLa cells.

Endogenous aryl hydrocarbon receptor promotes basal and inducible expression of tumor necrosis factor target genes in MCF-7 cancer cells.

Polychlorinated biphenyls (PCB 101, PCB 153 and PCB 180) alter leptin signaling and lipid metabolism in differentiated 3T3-L1 adipocytes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induced cell-specific drug transporters with acquired cisplatin resistance in cisplatin sensitive cancer cells.

The combined treatment with chloroquine and the enzymatic oxidation products of spermine overcomes multidrug resistance of melanoma M14 ADR2 cells: a new therapeutic approach.

Luteolin modulates expression of drug-metabolizing enzymes through the AhR and Nrf2 pathways in hepatic cells.

Aryl hydrocarbon receptor mediated activities in road dust from a metropolitan area, Hanoi-Vietnam: contribution of polycyclic aromatic hydrocarbons (PAHs) and human risk assessment.

Magnas functions as a ROS regulator and provides cytoprotection against oxidative stress-mediated damages.

Risks of toxic ash from artisanal mining of discarded cellphones.

Critical role of cellular glutathione homeostasis for trivalent inorganic arsenite-induced oxidative damage in human bronchial epithelial cells.

Expression and functional regulation of the nuclear receptors AHR, PXR, and CAR, and the transcription factor Nrf2 in rat parotid gland.

Arsenite-induced changes in hepatic protein abundance in cynomolgus monkeys (*Macaca fascicularis*).

Potential of goat probiotic to bind mutagens.

Combined chemical and toxicological long-term monitoring for AhR agonists with SPMD-based virtual organisms in drinking water Danjiangkou Reservoir, China.

Arsenic exposure alters expression of cell cycle and lipid metabolism genes in the liver of adult zebrafish (*Danio rerio*).

Hydrogen-bonded intermediates and transition states during spontaneous and acid-catalyzed hydrolysis of the carcinogen (+)-anti-BPDE.

Polychlorinated Biphenyls in Residential Soils and their Health Risk and Hazard in an Industrial City in India.

[Effect of tumor necrosis factor receptor associated factor 6 gene silencing by small interfering RNA on proliferation of odontoblast cells].

Synthesis, cytotoxicity, antimicrobial and anti-biofilm activities of novel pyrazolo[3,4-b]pyridine and pyrimidine functionalized 1,2,3-triazole derivatives.

The low molecular weight DNA diffusion assay as an indicator of cytotoxicity for the in vitro comet assay.

Biomonitoring and hormone-disrupting effect biomarkers of persistent organic pollutants in vitro and ex vivo.

Children's exposure to secondhand and thirdhand smoke carcinogens and toxicants in homes of hookah smokers.

Antimutagenic potential and modulation of carcinogen-metabolizing enzymes by ginger essential oil.

Polychlorinated biphenyls (PCBs) in air, soil, and cereal crops along the two tributaries of River Chenab, Pakistan: concentrations, distribution, and screening level risk assessment.

Cathodic electrochemiluminescence immunosensor based on nanocomposites of semiconductor carboxylated g-C₃N₄ and graphene for the ultrasensitive detection of squamous cell carcinoma antigen.

Programmable polymer-based supramolecular temperature sensor with a memory function.

Monomethylated trivalent arsenic species disrupt steroid receptor interactions with their DNA response elements at non-cytotoxic cellular concentrations.

Novel resveratrol-based substrates for human hepatic, renal, and intestinal UDP-glucuronosyltransferases.

Mitochondrial targeting of cytochrome P450 (CYP) 1B1 and its role in polycyclic aromatic hydrocarbon-induced mitochondrial dysfunction.

Identification of a novel mitochondrial uncoupler that does not depolarize the plasma membrane.

Nucleoside 5'-phosphorothioate derivatives are highly effective neuroprotectants.

Modulation of gene-expression profiles associated with sodium arsenite-induced cardiotoxicity by p-coumaric acid, a common dietary polyphenol.

Ah receptor-mediated suppression of liver regeneration through NC-XRE-driven p21Cip1 expression.

p38 and extracellular signal-regulated kinases activations have opposite effects on primary-cultured rat cerebellar granule neurons exposed to sodium arsenite.

Endocrine disrupting chemicals affect the gonadotropin releasing hormone neuronal network.

Cytotoxic clerodane diterpenes from *Zuelania guidonia*.

Cancer-promoting and Inhibiting Effects of Dietary Compounds: Role of the Aryl Hydrocarbon Receptor (AhR).

[Research on the sodium arsenite and arsenic trioxide induced proliferation and apoptosis effects on human hepatocyte].

Analysis of mobile source air toxics (MSATs)--near-road VOC and carbonyl concentrations.

Plant extracts of the family Lauraceae: a potential resource for chemopreventive agents that activate the nuclear factor-erythroid 2-related factor 2/antioxidant response element pathway.

Zinc finger nuclease-mediated knockout of AHR or ARNT in human breast cancer cells abolishes basal and ligand-dependent regulation of CYP1B1 and differentially affects estrogen receptor $\hat{\pm}$ transactivation.

2, 3, 7, 8-Tetrachlorodibenzo-P-dioxin (TCDD) induces premature senescence in human and rodent neuronal cells via ROS-dependent mechanisms.

Profiling of enantiopure drugs towards aryl hydrocarbon (AhR), glucocorticoid (GR) and pregnane X (PXR) receptors in human reporter cell lines.

[Pollution patterns and health risk assessment for polychlorinated biphenyls in soils from a capacitor storage site].

Retraction: G-protein-coupled receptor 30 and estrogen receptor- $\hat{\pm}$ are involved in the proliferative effects induced by atrazine in ovarian cancer cells. *Environ Health Perspect.* 116:1648-55.

Increases in levels of epoxyeicosatrienoic and dihydroxyeicosatrienoic acids (EETs and DHETs) in liver and heart in vivo by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and in hepatic EET:DHET ratios by cotreatment with TCDD and the soluble epoxide hydrolase inhibitor AUDA.

Mammalian cell-line based toxicological evaluation of paper mill black liquor treated in a soil microcosm by indigenous alkalo-tolerant *Bacillus* sp.

Methylated pentavalent arsenic metabolites are bifunctional inducers, as they induce cytochrome P450 1A1 and NAD(P)H:quinone oxidoreductase through AhR- and Nrf2-dependent mechanisms.

Urinary metabolites of a polycyclic aromatic hydrocarbon and volatile organic compounds in relation to lung cancer development in lifelong never smokers in the Shanghai Cohort Study.

Arsenic trioxide and other arsenical compounds inhibit the NLRP1, NLRP3, and NAIP5/NLRC4 inflammasomes.

In vivo mutagenicity of arsenite in the livers of gpt delta transgenic mice.

Republished study: long-term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize.

Conflicts of interests, confidentiality and censorship in health risk assessment: the example of an herbicide and a GMO.

Transcriptome-metabolome wide association study (TMWAS) of maneb and paraquat neurotoxicity reveals network level interactions in toxicologic mechanism.

Familiar and novel reproductive endocrine disruptors: xenoestrogens, dioxins and nanoparticles.

Chemoprevention against arsenic-induced mutagenic DNA breakage and apoptotic liver damage in rat via antioxidant and SOD1 upregulation by green tea (*Camellia sinensis*) which recovers broken DNA resulted from arsenic-H₂O₂ related in vitro oxidant stress.

Mutagenicity and antimutagenicity of hydrophilic and lipophilic extracts of Thai northern purple rice.

Effect of SP-A/B in lipoic acid on acute paraquat poisoning.

Cytotoxicity studies of novel combretastatin and pterostilbene derivatives.

Development of a screening system for the detection of chemically induced DNA methylation alterations in a zebrafish liver cell line.

Assessment of genotoxic potential of arsenic in female albino rats at permissible dose levels.

Mammalian cell line-based bioassays for toxicological evaluation of landfill leachate treated by *Pseudomonas* sp. ISTDF1.

[Clarification of molecular targets of dioxin toxicity].

Risk ranking priority of carcinogenic and/or genotoxic environmental contaminants in food in Belgium.

Cytotoxic polyphenols from a sponge-associated fungus *Aspergillus versicolor* Hmp-48.

Antioxidant, mutagenic and antimutagenic activities of an aqueous extract of *Limoniastrum guyonianum* gall.

Diuron metabolites and urothelial cytotoxicity: in vivo, in vitro and molecular approaches.

Cytoprotective effect of bioactive sea buckthorn extract on paraquat-exposed A549 cells via induction of Nrf2 and its downstream genes.

High level of dioxin-TEQ in tissue is associated with Agent Orange exposure but not with biochemical recurrence after radical prostatectomy.

Thermally induced process-related contaminants: the example of acrolein and the comparison with acrylamide: opinion of the Senate Commission on Food Safety (SKLM) of the German Research Foundation (DFG).

Evaluation of THP-1 cell line as an in vitro model for long-term safety assessment of new molecules.

Quercetin reduces oxidative damage induced by paraquat via modulating expression of antioxidant genes in A549 cells.

Benzothiazole aniline tetra(ethylene glycol) and 3-amino-1,2,4-triazole inhibit neuroprotection against amyloid peptides by catalase overexpression in vitro.

Cancer incidence in Korean Vietnam veterans during 1992-2003: the Korean veterans health study.

Vietnam veterans: getting old, getting sick--is this service related?

Antimycobacterial and herbicidal activity of ring-substituted 1-hydroxynaphthalene-2-carboxanilides.

Impairment of Atg5-dependent autophagic flux promotes paraquat- and MPP⁺-induced apoptosis but not rotenone or 6-hydroxydopamine toxicity.

Curcumin analog 1, 5-bis (2-trifluoromethylphenyl)-1, 4-pentadien-3-one exhibits enhanced ability on Nrf2 activation and protection against acrolein-induced ARPE-19 cell toxicity.

Currently used pesticides and their mixtures affect the function of sex hormone receptors and aromatase enzyme activity.

Dose-response of diuron [3-(3,4-dichlorophenyl)-1,1-dimethylurea] in the urothelial mucosa of Wistar rats.

Effect of acrolein, a hazardous air pollutant in smoke, on human middle ear epithelial cells.

Inhibitory effects of rosiglitazone on paraquat-induced acute lung injury in rats.

Oxidative stress-induced mutagenesis in single-strand DNA occurs primarily at cytosines and is DNA polymerase zeta-dependent only for adenines and guanines.

Hazard-ranking of agricultural pesticides for chronic health effects in Yuma County, Arizona.

Effect of methylsulfonylmethane on paraquat-induced acute lung and liver injury in mice.

Levels of PCDDs, PCDFs, and dioxin-like PCBs in human milk among Hong Kong mothers.

Paraquat poisoning induces TNF- α -dependent iNOS/NO mediated hyporesponsiveness of the aorta to vasoconstrictors in rats.

Agent Orange exposure and prevalence of self-reported diseases in Korean Vietnam veterans.

Curcumin protects neuronal-like cells against acrolein by restoring Akt and redox signaling pathways.

Infant dietary exposure to dioxins and dioxin-like compounds in Greece.

Glyphosate induces human breast cancer cells growth via estrogen receptors.

The relationship between Agent Orange and prostate specific antigen: a comparison of a hotspot and a non-sprayed area in Vietnam.

Chemical compositions, phytotoxicity, and biological activities of Acorus calamus essential oils from Nepal.

Agent Orange as a risk factor for high-grade prostate cancer.

Effects of the herbicide atrazine in neotropical catfish (*Rhamdia quelen*).

Magnolol protects against oxidative stress-mediated neural cell damage by modulating mitochondrial dysfunction and PI3K/Akt signaling.

Exposure to herbicides in house dust and risk of childhood acute lymphoblastic leukemia.

MicroRNA-195 targets ADP-ribosylation factor-like protein 2 to induce apoptosis in human embryonic stem cell-derived neural progenitor cells.

PACAP deficiency sensitizes nigrostriatal dopaminergic neurons to paraquat-induced damage and modulates central and peripheral inflammatory activation in mice.

Propanil-induced histopathological changes in the liver and kidney of mice.

Specific pesticide-dependent increases in α -synuclein levels in human neuroblastoma (SH-SY5Y) and melanoma (SK-MEL-2) cell lines.

Assessing eco-toxicological effects of industrial 2,4-D acid iso-octylester herbicide on rat pancreas and liver.

Plurality of opinion, scientific discourse and pseudoscience: an in depth analysis of the SÃ©ralini et al. study claiming that Roundupâ„¸ Ready corn or the herbicide Roundupâ„¸ cause cancer in rats.

In vitro effects of aldehydes present in tobacco smoke on gene expression in human lung alveolar epithelial cells.

Transcriptome alterations following developmental atrazine exposure in zebrafish are associated with disruption of neuroendocrine and reproductive system function, cell cycle, and carcinogenesis.

Effects of trifluralin on the mouse ovary.

Differential toxicity and gene expression in Caco-2 cells exposed to arsenic species.

Effect of dietary treatment with dimethylarsinous acid (DMA(III)) on the urinary bladder epithelium of arsenic (+3 oxidation state) methyltransferase (As3mt) knockout and C57BL/6 wild type female mice.

In vitro toxicological characterisation of the S-containing arsenic metabolites thio-dimethylarsinic acid and dimethylarsinic glutathione.

Urologic cancer risks for veterans exposed to Agent Orange.

[Effect of thalidomide in a mouse model of paraquat-induced acute lung injury and the underlying mechanisms].

A metal mixture induces transformation upon antioxidant depletion in a hepatic cell line.

Protein profiling of paraquat-exposed rat lungs following treatment with Acai (*Euterpe oleracea* Mart.) berry extract.

Mutagenic/recombinogenic effects of four lipid peroxidation products in *Drosophila*.

We request a serious reconsideration of the recent paper by Seralini et al. alleging tumorigenesis in rats resulting from consumption of corn derived from crops improved through biotechnology (Seralini et al., 2012).

Atrazine and cancer: a review of the epidemiologic evidence.

Doxorubicin decreases paraquat accumulation and toxicity in Caco-2 cells.

Functional GPR37 trafficking protects against toxicity induced by 6-OHDA, MPP+ or rotenone in a catecholaminergic cell line.

Inactivation of GAPDH as one mechanism of acrolein toxicity.

Biochemical and molecular mechanisms of N-acetyl cysteine and silymarin-mediated protection against maneb- and paraquat-induced hepatotoxicity in rats.

[Glyphosate and its formulations--toxicity, occupational and environmental exposure].

Genotoxic potential of two herbicides and their active ingredients assessed with comet assay on a fish cell line, epithelioma papillosum cyprini (EPC).

Historical long-term exposure to pentachlorophenol causing risk of cancer--a community study.

[Cytotoxic influence of chlorophenols on the root meristem cells of onion batuna seeds (*Allium fistulosum* L.)].

Risk of total and aggressive prostate cancer and pesticide use in the Agricultural Health Study.

Effect of CpG methylation at different sequence context on acrolein- and BPDE-DNA binding and mutagenesis.

The antidote effect of quinone oxidoreductase 2 inhibitor against paraquat-induced toxicity in vitro and in vivo.

Differential regulation of the rainbow trout (*Oncorhynchus mykiss*) MT-A gene by nuclear factor interleukin-6 and activator protein-1.

Slow accumulation of mutations in Xpc-/- mice upon induction of oxidative stress.

Comparative study of the possible protective effects of cinnamic acid and cinnamaldehyde on cisplatin-induced nephrotoxicity in rats.

Acrolein stimulates the synthesis of IL-6 and C-reactive protein (CRP) in thrombosis model mice and cultured cells.

Metabolic shift in lung alveolar cell mitochondria following acrolein exposure.

Human health risk from arsenical pesticide contaminated soils: a long-term greenhouse study.

SLCO1B1 variants and urine arsenic metabolites in the Strong Heart Family Study.

Protective effects of cinnamic acid and cinnamic aldehyde on isoproterenol-induced acute myocardial ischemia in rats.

Acrolein exposure suppresses antigen-induced pulmonary inflammation.

Anti-inflammatory effect of thalidomide in paraquat-induced pulmonary injury in mice.

Cinnamomum cassia essential oil inhibits α -MSH-induced melanin production and oxidative stress in murine B16 melanoma cells.

2-Amino-[1,2,4]triazolo[1,5-a]pyridines as JAK2 inhibitors.

Extracts from black carrot tissue culture as potent anticancer agents.

Glyphosate and AMPA inhibit cancer cell growth through inhibiting intracellular glycine synthesis.

Wnt/ β -catenin signaling protects mouse liver against oxidative stress-induced apoptosis through the inhibition of forkhead transcription factor FoxO3.

Identification of aldo-keto reductases as NRF2-target marker genes in human cells.

Mutagenic activation reduces carcinogenic activity of ortho-aminoazotoluene for mouse liver.

9-cis retinoic acid is the ALDH1A1 product that stimulates melanogenesis.

Acrolein-conjugated low-density lipoprotein induces macrophage foam cell formation.

Early growth response protein 1 upregulation and nuclear translocation by 2'-benzoyloxycinnamaldehyde induces prostate cancer cell death.

Arsenic speciation in saliva of acute promyelocytic leukemia patients undergoing arsenic trioxide treatment.

2-Hydroxycinnamaldehyde inhibits the epithelial-mesenchymal transition in breast cancer cells.

Secondary and tertiary sulfonamides: a patent review (2008 - 2012).

The ultra-early protective effect of ulinastatin on rabbit acute lung injury induced by paraquat.

Combined treatment with bone marrow mesenchymal stem cells and methylprednisolone in paraquat-induced acute lung injury.

Cinnamaldehyde-induced apoptosis in human hepatoma PLC/PRF/5 cells involves the mitochondrial death pathway and is sensitive to inhibition by cyclosporin A and z-VAD-fmk.

Paraquat inhibits cell viability via enhanced oxidative stress and apoptosis in human neural progenitor cells.

Repair kinetics of acrolein- and (E)-4-hydroxy-2-nonenal-derived DNA adducts in human colon cell extracts.

A cigarette component acrolein induces accelerated senescence in human diploid fibroblast IMR-90 cells.

Stimulation of suicidal erythrocyte death by trans-cinnamaldehyde.

Acetaldehyde-induced cytotoxicity involves induction of spermine oxidase at the transcriptional level.

Sub-acute exposure to the herbicide atrazine suppresses cell immune functions in adolescent mice.

In vitro intestinal bioavailability of arsenosugar metabolites and presystemic metabolism of thio-dimethylarsinic acid in Caco-2 cells.

Protective effects of dietary arginine supplementation against oxidative stress in weaned piglets.

Synthesis and biological evaluation of novel neuroprotective agents for paraquat-induced apoptosis in human neuronal SH-SY5Y cells.

Inhibitors of hydroperoxide metabolism enhance ascorbate-induced cytotoxicity.

Acrolein and chloroacetaldehyde: an examination of the cell and cell-free biomarkers of toxicity.

Antioxidant action of ellagic acid ameliorates paraquat-induced A549 cytotoxicity.

Assays for the measurement of lipid peroxidation.

High-throughput LC-MS/MS based simultaneous determination of polyamines including N-acetylated forms in human saliva and the diagnostic approach to breast cancer patients.

Singlet oxygen mediated DNA damage induced phototoxicity by ketoprofen resulting in mitochondrial depolarization and lysosomal destabilization.

Circulating soluble CD27 and CD30 in workers exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD).

Thiamin diphosphate-dependent enzymes: from enzymology to metabolic regulation, drug design and disease models.

Dioxin and estrogen signaling in lung adenocarcinoma cells with different aryl hydrocarbon receptor/estrogen receptor $\hat{\pm}$ phenotypes.

The dioxin receptor has tumor suppressor activity in melanoma growth and metastasis.

Role of mitogen-activated protein kinase cascades in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced apoptosis in neuronal pheochromocytoma cells.

Oxidative DNA damage and in vivo mutagenicity caused by reactive oxygen species generated in the livers of p53-proficient or -deficient gpt delta mice treated with non-genotoxic hepatocarcinogens.

Photosensitization of singlet oxygen and in vivo photodynamic therapeutic effects mediated by PEGylated W(18)O(49) nanowires.

Goat anti-rabbit IgG conjugated fluorescent dye-doped silica nanoparticles for human breast carcinoma cell recognition.

[Protective effects of exogenous reduced glutathione on sodium arsenite-induced genotoxicity and oxidative stress].

In vitro-in vivo correlations for endocrine activity of a mixture of currently used pesticides.

Ets1 and heat shock factor 1 regulate transcription of the Transformer 2¹² gene in human colon cancer cells.

Comparisons of differential gene expression elicited by TCDD, PCB126, \hat{I}^2 NF, or ICZ in mouse hepatoma Hepa1c1c7 cells and C57BL/6 mouse liver.

Involvement of HIF-2 \hat{I}^2 -mediated inflammation in arsenite-induced transformation of human bronchial epithelial cells.

Multiple pesticide exposures and the risk of multiple myeloma in Canadian men.

Death receptor 6 (DR6) antagonist antibody is neuroprotective in the mouse SOD1G93A model of amyotrophic lateral sclerosis.

A population-based case-control study of urinary arsenic species and squamous cell carcinoma in New Hampshire, USA.

Cytologic and histologic findings of iron pill-induced injury of the lower respiratory tract.

The mitochondrial dysfunction plays an important role in urethane-induced lung carcinogenesis.

Neuroprotective effects of nicotinamide N-methyltransferase and its metabolite 1-methylnicotinamide.

Dual role of resveratrol in modulation of genotoxicity induced by sodium arsenite via oxidative stress and apoptosis.

Arsenic induced toxicity and histopathological changes in gill and liver tissue of freshwater fish, tilapia (*Oreochromis mossambicus*).

CYP19 expression is induced by 2,3,7,8-tetrachloro-dibenzo-para-dioxin in human glioma cells.

Addressing historic environmental exposures along the Alaska Highway.

Aromatic hydrocarbon receptor inhibits lysophosphatidic acid-induced vascular endothelial growth factor-A expression in PC-3 prostate cancer cells.

Malassezia yeasts produce a collection of exceptionally potent activators of the Ah (dioxin) receptor detected in diseased human skin.

Modulation of natural killer cell antitumor activity by the aryl hydrocarbon receptor.

The aryl hydrocarbon receptor and estrogen receptor alpha differentially modulate nuclear factor erythroid-2-related factor 2 transactivation in MCF-7 breast cancer cells.

Transgenic indica rice lines, expressing Brassica juncea Nonexpressor of pathogenesis-related genes 1 (BjNPR1), exhibit enhanced resistance to major pathogens.

Temperature increase exacerbates apoptotic neuronal death in chemically-induced ischemia.

TCDD induces the expression of insulin-like growth factor binding protein 4 in 5L rat hepatoma cells: a cautionary tale of the use of this cell line in studies on dioxin toxicity.

Smoke carcinogens cause bone loss through the aryl hydrocarbon receptor and induction of Cyp1 enzymes.

Monoisoamyl 2,3-dimercaptosuccinic acid attenuates arsenic induced toxicity: behavioral and neurochemical approach.

Proteomic analysis of arsenic-exposed zebrafish (*Danio rerio*) identifies altered expression in proteins involved in fibrosis and lipid uptake in a gender-specific manner.

Skeletal muscle ryanodine receptor mutations associated with malignant hyperthermia showed enhanced intensity and sensitivity to triggering drugs when expressed in human embryonic kidney cells.

Novel cell-based assay reveals associations of circulating serum AhR-ligands with metabolic syndrome and mitochondrial dysfunction.

Genotoxic and clastogenic effects of monohaloacetic acid drinking water disinfection by-products in primary human lymphocytes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced inflammatory activation is mediated by intracellular free calcium in microglial cells.

Aberrant pulmonary lymphatic development in the nitrofen mouse model of congenital diaphragmatic hernia.

[Relationship between parental exposure to chemicals and risk of childhood acute leukemia].

The aryl hydrocarbon receptor and food allergy.

Effects of iron polymaltose complex, ferrous fumarate and ferrous sulfate treatments in anemic pregnant rats, their fetuses and placentas.

Selenium-binding protein 1: its physiological function, dependence on aryl hydrocarbon receptors, and role in wasting syndrome by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Monitoring of deiodinase deficiency based on transcriptomic responses in SH-SY5Y cells.

The human Ah receptor: hints from dioxin toxicities to deregulated target genes and physiological functions.

Expression and potential role of apolipoprotein D on the death-survival balance of human colorectal cancer cells under oxidative stress conditions.

EMT and CSC-like properties mediated by the IKK α /I κ B α /RelA signal pathway via the transcriptional regulator, Snail, are involved in the arsenite-induced neoplastic transformation of human keratinocytes.

Multidrug resistance protein 1 (ABCC1) confers resistance to arsenic compounds in human myeloid leukemic HL-60 cells.

Metabolism of arsenic and its toxicological relevance.

A phantom study on bladder and rectum dose measurements in brachytherapy of cervix cancer using FBX aqueous chemical dosimeter.

Epigenetics and pesticides.

Synergistic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and N-nitrosodiethylamine on cell malignant transformation.

Action of hexachlorobenzene on tumor growth and metastasis in different experimental models.

Biological and tumor-promoting effects of dioxin-like and non-dioxin-like polychlorinated biphenyls in mouse liver after single or combined treatment.

Association between exposure to dioxin-like polychlorinated biphenyls and miR-191 expression in human peripheral blood mononuclear cells.

The aryl hydrocarbon receptor: a novel target for immunomodulation in organ transplantation.

Pelargonidin activates the AhR and induces CYP1A1 in primary human hepatocytes and human cancer cell lines HepG2 and LS174T.

Gastrointestinal stromal tumors, somatic mutations and candidate genetic risk variants.

Aryl hydrocarbon receptor and lung cancer.

Dioxin receptor expression inhibits basal and transforming growth factor β -induced epithelial-to-mesenchymal transition.

Inhibition of constitutive aryl hydrocarbon receptor (AhR) signaling attenuates androgen independent signaling and growth in (C4-2) prostate cancer cells.

Health risk assessment of occupational exposure to hazardous volatile organic compounds in swine gestation, farrowing and nursery barns.

Impaired mitochondrial metabolism and mammary carcinogenesis.

Spontaneous renal tumors in two rats from a thirteen week rodent feeding study with grain from molecular stacked trait lepidopteran and coleopteran resistant (DP- $\sim\sim$ 4114-3) maize.

Evaluation of gene expression changes in human primary uroepithelial cells following 24-hr exposures to inorganic arsenic and its methylated metabolites.

Enhanced carcinogenicity by coexposure to arsenic and iron and a novel remediation system for the elements in well drinking water.

Aryl hydrocarbon receptor-mediated disruption of contact inhibition is associated with connexin43 downregulation and inhibition of gap junctional intercellular communication.

Residential proximity to industrial combustion facilities and risk of non-Hodgkin lymphoma: a case-control study.

Nuclear import and export signals control the subcellular localization of Nurr1 protein in response to oxidative stress.

Native fluorescence spectra of human cancerous and normal breast tissues analyzed with non-negative constraint methods.

Cyprodinil as an activator of aryl hydrocarbon receptor.

[Reduction in alcohol consumption: therapeutic goal in alcohol dependence treatment].

Characterization of residential pesticide use and chemical formulations through self-report and household inventory: the Northern California Childhood Leukemia study.

Potential carcinogenic effects of world trade center dust after intratracheal instillation to Sprague-Dawley rats: first observation.

Chemical genetics of acetyl-CoA carboxylases.

Dioxin suppresses benzo[a]pyrene-induced mutations and DNA adduct formation through cytochrome P450 1A1 induction and (±)-anti-benzo[a]pyrene-7,8-diol-9,10-epoxide inactivation in human hepatoma cells.

The effect of cigarette smoke and arsenic exposure on urothelial carcinoma risk is modified by glutathione S-transferase M1 gene null genotype.

CD44v6 expression in human skin keratinocytes as a possible mechanism for carcinogenesis associated with chronic arsenic exposure.

Chloroacetic acid induced neuronal cells death through oxidative stress-mediated p38-MAPK activation pathway regulated mitochondria-dependent apoptotic signals.

The role of aryl hydrocarbon receptor-regulated cytochrome P450 enzymes in glioma.

Correlations between BRCA1 defect and environmental factors in the risk of breast cancer.

A genetically encoded FRET lactate sensor and its use to detect the Warburg effect in single cancer cells.

Warburg and Crabtree effects in premalignant Barrett's esophagus cell lines with active mitochondria.

KML001 displays vascular disrupting properties and irinotecan combined antitumor activities in a murine tumor model.

Oculomotor deficits in aryl hydrocarbon receptor null mouse.

Human neuromelanin: an endogenous microglial activator for dopaminergic neuron death.

Decreased pulmonary c-Cbl expression and tyrosine phosphorylation in the nitrofen-induced rat model of congenital diaphragmatic hernia.

Amniotic fluid stem cells rescue both in vitro and in vivo growth, innervation, and motility in nitrofen-exposed hypoplastic rat lungs through paracrine effects.

Sequence capture and massively parallel sequencing to detect mutations associated with malignant hyperthermia.

Inhibition of neurite outgrowth and alteration of cytoskeletal gene expression by sodium arsenite.

Dioxins: diagnostic and prognostic challenges arising from complex mechanisms.

Protective effects of protocatechuic acid on TCDD-induced oxidative and histopathological damage in the heart tissue of rats.

Construction and characterization of peroxisome proliferator-activated receptor-gamma co-activator 1 alpha (PGC-1 α) over-expressing cell line derived from human hepatocyte carcinoma HepG2 cells).

Mitochondria-targeted antioxidants and metabolic modulators as pharmacological interventions to slow ageing.

Akt/Nrf2 activated upregulation of heme oxygenase-1 involves in the role of Rg1 against ferrous iron-induced neurotoxicity in SK-N-SH cells.

Sodium arsenite induced reactive oxygen species generation, nuclear factor (erythroid-2 related) factor 2 activation, heme oxygenase-1 expression, and glutathione elevation in Chang human hepatocytes.

Inhibition of hepatocyte nuclear factor 1 and 4 alpha (HNF1 α and HNF4 α) as a mechanism of arsenic carcinogenesis.

Induction of apoptotic death and retardation of neuronal differentiation of human neural stem cells by sodium arsenite treatment.

AhR-mediated changes in global gene expression in rat liver progenitor cells.

Evaluation of biomonitoring data from the CDC National Exposure Report in a risk assessment context: perspectives across chemicals.

Investigation of ifosfamide nephrotoxicity induced in a liver-kidney co-culture biochip.

2,3,7,8-Tetrachlorodibenzo-p-dioxin enhances CCl₄-induced hepatotoxicity in an aryl hydrocarbon receptor-dependent manner.

The accumulations of HIF-1 α and HIF-2 α by JNK and ERK are involved in biphasic effects induced by different levels of arsenite in human bronchial epithelial cells.

Cadmium(Cd)-induced oxidative stress down-regulates the gene expression of DNA mismatch recognition proteins MutS homolog 2 (MSH2) and MSH6 in zebrafish (*Danio rerio*) embryos.

Harmine and harmaline downregulate TCDD-induced Cyp1a1 in the livers and lungs of C57BL/6 mice.

Imaging imidazoline-I₂ binding sites in porcine brain using 11C-BU99008.

Androgen receptor CAG repeat length modifies the effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on receptor activity in human prostate cells.

Aldo-keto reductases mediate constitutive and inducible protection against aldehyde toxicity in human neuroblastoma SH-SY5Y cells.

Toxicity of polyamines and their metabolic products.

Mast cell-based electrochemical biosensor for quantification of the major shrimp allergen Pen a 1 (tropomyosin).

[Classical oxazaphosphorines--metabolism and therapeutic properties--new implications].

Identification of stable cytotoxic factors in the gas phase extract of cigarette smoke and pharmacological characterization of their cytotoxicity.

Glyphosate, pathways to modern diseases II: Celiac sprue and gluten intolerance.

Effect of selenomethionine supplementation in food on the excretion and toxicity of arsenic exposure in female mice.

Dose-dependent folic acid and memantine treatments promote synergistic or additive protection against Al^{2+} (25-35) peptide-induced apoptosis in SH-SY5Y cells mediated by mitochondria stress-associated death signals.

Effects of oral anorexiant sibutramine on the expression of cytochromes P450s in human hepatocytes and cancer cell lines.

Synthesis and cytotoxicity of novel 20-O-linked homocamptothecin ester derivatives as potent topoisomerase I inhibitors.

2,4-Dinitrophenol induces neural differentiation of murine embryonic stem cells.

Dioxin pollution disrupts reproduction in male Japanese field mice.

Sodium arsenite and arsenic trioxide differently affect the oxidative stress, genotoxicity and apoptosis in A549 cells: an implication for the paradoxical mechanism.

Effective synthesis of sulfate metabolites of chlorinated phenols.

Gastrointestinal stromal tumors: a case-only analysis of single nucleotide polymorphisms and somatic mutations.

Potential role of epigenetic mechanisms in the regulation of drug metabolism and transport.

Role of the nuclear xenobiotic receptors CAR and PXR in induction of cytochromes P450 by non-dioxinlike polychlorinated biphenyls in cultured rat hepatocytes.

The position of imidazopyridine and metabolic activation are pivotal factors in the antimutagenic activity of novel imidazo[1,2-a]pyridine derivatives.

Interaction of aldehydes derived from lipid peroxidation and membrane proteins.

The mortality and cancer experience of New Zealand Vietnam war veterans: a cohort study.

Dioxin-induced acute cardiac mitochondrial oxidative damage and increased activity of ATP-sensitive potassium channels in Wistar rats.

Effects of endocrine disrupting chemicals on in vitro global DNA methylation and adipocyte differentiation.

Emptying of Intracellular Calcium Pool and Oxidative Stress Imbalance Are Associated with the Glyphosate-Induced Proliferation in Human Skin Keratinocytes HaCaT Cells.

Emerging causes of iron deficiency anemia refractory to oral iron supplementation.

Transplantation of induced pluripotent stem cells without C-Myc attenuates retinal ischemia and reperfusion injury in rats.

Arsenic induces VL30 retrotransposition: the involvement of oxidative stress and heat-shock protein 70.

An integrated approach for prospectively investigating a mode-of-action for rodent liver effects.

Differential dependence on host cell glycosaminoglycans for infection of epithelial cells by high-risk HPV types.

Protective effect of *Juglans nigra* on sodium arsenite-induced toxicity in rats.

The potential applications of SOS-lux biosensors for rapid screening of mutagenic chemicals.

The importance of problem formulations in risk assessment: a case study involving dioxin-contaminated soil.

Oxidative DNA damage after acute exposure to arsenite and monomethylarsonous acid in biomethylation-deficient human cells.

Sepiapterin reductase mediates chemical redox cycling in lung epithelial cells.

Cyp1a reporter zebrafish reveals target tissues for dioxin.

Sulforaphane inhibits CYP1A1 activity and promotes genotoxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in vitro.

Evaluation of chromosome aberrations induced by digoxin in Chinese hamster ovary cells.

Urinary Arsenic Concentrations and their Associated Factors in Korean Adults.

Oral administration of hesperidin, a citrus flavonone, in rats counteracts the oxidative stress, the inflammatory cytokine production, and the hepatotoxicity induced by the ingestion of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Use of a highly sensitive recombinant hepatoma cell method to determine dioxin concentrations in samples of fish and crab from a hotspot area.

Synthesis and cytotoxicity of oligomycin A derivatives modified in the side chain.

Oxidative stress and MAPK involved into ATF2 expression in immortalized human urothelial cells treated by arsenic.

The tumor suppressor Kruppel-like factor 6 is a novel aryl hydrocarbon receptor DNA binding partner.

Consumption of deep-fried foods and risk of prostate cancer.

Switchable skin window induced by optical clearing method for dermal blood flow imaging.

Comparison of nicotine and carcinogen exposure with water pipe and cigarette smoking.

AhR-mediated effects of dioxin on neuronal acetylcholinesterase expression in vitro.

Loss of Neil3, the major DNA glycosylase activity for removal of hydantoin in single stranded DNA, reduces cellular proliferation and sensitizes cells to genotoxic stress.

Toxicological profile of chlorophenols and their derivatives in the environment: the public health perspective.

Determination of urinary 6-mercaptopurine and three of its metabolites by HPLC-UV coupled with the iodine-azide reaction.

Effect propagation in a toxicokinetic/toxicodynamic model explains delayed effects on the growth of unicellular green algae *Scenedesmus vacuolatus*.

Relationships between PAHs and PCBs, and quantitative source apportionment of PAHs toxicity in sediments from Fenhe reservoir and watershed.

Beta-catenin signaling induces CYP1A1 expression by disrupting adherens junctions in Caco-2 human colon carcinoma cells.

Quenching of tryptophan fluorescence in the presence of 2,4-DNP, 2,6-DNP, 2,4-DNA and DNOC and their mechanism of toxicity.

Ecotoxicity and risk to human fish consumers of polychlorinated biphenyls in fish near the Hanford Site (USA).

Sodium arsenite exposure inhibits AKT and Stat3 activation, suppresses self-renewal and induces apoptotic death of embryonic stem cells.

Binding interaction between (-)-epigallocatechin gallate causes impaired spreading of cancer cells on fibrinogen.

Ameliorative Effects of Acacia Honey against Sodium Arsenite-Induced Oxidative Stress in Some Viscera of Male Wistar Albino Rats.

Treatment of mice with 2,3,7,8-Tetrachlorodibenzo-p-dioxin markedly increases the levels of a number of cytochrome P450 metabolites of omega-3 polyunsaturated fatty acids in the liver and lung.

From the tumor-inducing principle to plant biotechnology and its importance for society.

Human cell toxicogenomic analysis linking reactive oxygen species to the toxicity of monohaloacetic acid drinking water disinfection byproducts.

Polyamines and their metabolites as diagnostic markers of human diseases.

Cancer incidence in pulmonary vasculitis.

Regulation of NF- κ B-induced inflammatory signaling by lipid peroxidation-derived aldehydes.

Structure revision and cytotoxic activity of marinamide and its methyl ester, novel alkaloids produced by co-cultures of two marine-derived mangrove endophytic fungi.

Probabilistic health risk assessment of polycyclic aromatic hydrocarbons and polychlorinated biphenyls in urban soils from a tropical city of India.

A Systematic Review of Carcinogenic Outcomes and Potential Mechanisms from Exposure to 2,4-D and MCPA in the Environment.

Atrazine and nitrate in public drinking water supplies and non-hodgkin lymphoma in nebraska, USA.

Bioactivities of volatile components from Nepalese Artemisia species.

Dysregulated expression of secretogranin III is involved in neurotoxin-induced dopaminergic neuron apoptosis.

In vitro attenuation of acrolein-induced toxicity by phloretin, a phenolic compound from apple.

Diuron-induced rat bladder epithelial cytotoxicity.

Comparison of chemical-induced changes in proliferation and apoptosis in human and mouse neuroprogenitor cells.

Pesticide use, immunologic conditions, and risk of non-Hodgkin lymphoma in Canadian men in six provinces.

Acrolein cytotoxicity in hepatocytes involves endoplasmic reticulum stress, mitochondrial dysfunction and oxidative stress.

Long term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize.

Chaperone heat shock protein 90 mobilization and hydralazine cytoprotection against acrolein-induced carbonyl stress.

Changes in lymphocyte subsets in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Recombinant adenovirus Ad-RUNrf2 reduces paraquat-induced A549 injury.

Antioxidant and antitumor activities of the polysaccharide from seed cake of Camellia oleifera Abel.

Effects of bioreactive acrolein from automotive exhaust gases on human cells in vitro.

Review of 2,4-dichlorophenoxyacetic acid (2,4-D) biomonitoring and epidemiology.

Activator protein-1 regulation of murine aldehyde dehydrogenase 1a1.

Mechanisms underlying the inhibitory effects of arsenic compounds on protein tyrosine phosphatase (PTP).

A supramolecular route towards core-shell polymeric microspheres in water via cucurbit[8]uril complexation.

[Experimental study on the therapeutic effect of C-phycoerythrin against pulmonary fibrosis induced by paraquat in rats].

[Optimal conditions of bone marrow mesenchymal stem cells on paraquat-induced acute lung injury in rats].

Antioxidant effect of silymarin on paraquat-induced human lung adenocarcinoma A549 cell line.

L-Theanine extends lifespan of adult Caenorhabditis elegans.

Influence of 50-nm polystyrene particles in inducing cytotoxicity in mice co-injected with carbon tetrachloride, cisplatin, or paraquat.

Pentachlorophenol decreases tumor-cell-binding capacity and cell-surface protein expression of human natural killer cells.

Epidemiologic studies of glyphosate and cancer: a review.

Interferon- γ plays a role in paraquat-induced neurodegeneration involving oxidative and proinflammatory pathways.

[Induction effects of pentachlorophenol on vitellogenin and p53 in Chinese rare minnow (*Gobiocypris rarus*)].

Methyl bromide exposure and cancer risk in the Agricultural Health Study.

Effects of herbicides and the chytrid fungus *Batrachochytrium dendrobatidis* on the health of post-metamorphic northern leopard frogs (*Lithobates pipiens*).

BLTK1 murine Leydig cells: a novel steroidogenic model for evaluating the effects of reproductive and developmental toxicants.

Cytotoxic and DNA-damaging properties of glyphosate and Roundup in human-derived buccal epithelial cells.

Overexpression of TFAM, NRF-1 and myr-AKT protects the MPP(+)-induced mitochondrial dysfunctions in neuronal cells.

[The effects of Nrf2 gene expression induced by RU486 at different doses on A549 cell damage induced by paraquat].

Glyphosate-induced stiffening of HaCaT keratinocytes, a Peak Force Tapping study on living cells.

Superoxide dismutase activity of *Helicobacter pylori* per se from 158 clinical isolates and the characteristics.

Renal, hepatic, pulmonary and adrenal tumors induced by prenatal inorganic arsenic followed by dimethylarsinic acid in adulthood in CD1 mice.

Effects of manganese and arsenic species on the level of energy related nucleotides in human cells.

Augmented glutathione synthesis decreases acrolein toxicity.

[Effects of pentachlorophenol on DNA damage and cytotoxicity of HeLa cells].

A comparison of two human cell lines and two rat gonadal cell primary cultures as in vitro screening tools for aromatase modulation.

Methylated arsenic species in plants originate from soil microorganisms.

Hypercholesterolemia and oxidative stress inhibit endothelial cell healing after arterial injury.

Plasma dioxin levels and cause-specific mortality in an occupational cohort of workers exposed to chlorophenoxy herbicides, chlorophenols and contaminants.

Isolation, structural elucidation, and neuroprotective effects of iridoids from *Valeriana jatamansi*.

Concordant signaling pathways produced by pesticide exposure in mice correspond to pathways identified in human Parkinson's disease.

Endoplasmic reticulum stress impairs insulin signaling through mitochondrial damage in SH-SY5Y cells.

Prevention of paraquat-induced apoptosis in human neuronal SH-SY5Y cells by lipocalin-type prostaglandin D synthase.

Standardized extracts of *Bacopa monniera* protect against MPP⁺ and paraquat-induced toxicity by modulating mitochondrial activities, proteasomal functions, and redox pathways.

The tobacco smoke component, acrolein, suppresses innate macrophage responses by direct alkylation of c-Jun N-terminal kinase.

2'-Benzoyloxycinnamaldehyde inhibits nitric oxide production in lipopolysaccharide-stimulated RAW 264.7 cells via regulation of AP-1 pathway.

Elevated neutrophil elastase and acrolein-protein adducts are associated with W256 regression.

Anticancer system created by acrolein and hydroxyl radical generated in enzymatic oxidation of spermine and other biochemical reactions.

Whole genome expression profile in neuroblastoma cells exposed to 1-methyl-4-phenylpyridine.

δ^9 -tetrahydrocannabinol (δ^9 -THC) exerts a direct neuroprotective effect in a human cell culture model of Parkinson's disease.

Antihyperglycemic and antihyperlipidemic action of cinnamaldehyde in C57BLKS/J db/db mice.

Potential use of nitrate reductase as a biomarker for the identification of active and dormant inhibitors of *Mycobacterium tuberculosis* in a THP1 infection model.

Resveratrol inhibits paraquat-induced oxidative stress and fibrogenic response by activating the nuclear factor erythroid 2-related factor 2 pathway.

Systematic review of pentachlorophenol occurrence in the environment and in humans in China: not a negligible health risk due to the re-emergence of schistosomiasis.

TRPA1 is functionally expressed in melanoma cells but is not critical for impaired proliferation caused by allyl isothiocyanate or cinnamaldehyde.

Protection of CDC25 phosphatases against oxidative stress in breast cancer cells: evaluation of the implication of the thioredoxin system.

Targeting acetyl-CoA carboxylases: small molecular inhibitors and their therapeutic potential.

2-methoxycinnamaldehyde from *Cinnamomum cassia* reduces rat myocardial ischemia and reperfusion injury in vivo due to HO-1 induction.

Differential effects of Bcl-2 and caspases on mitochondrial permeabilization during endogenous or exogenous reactive oxygen species-induced cell death: a comparative study of H₂O₂, paraquat, t-BHP, etoposide and TNF- α -induced cell death.

Effects of auxins on the production of steroidal alkaloids in rapidly proliferating tissue and cell cultures of *Solanum lyratum*.

Effect of carcinogenic acrolein on DNA repair and mutagenic susceptibility.

Molecular effects of activated BV-2 microglia by mitochondrial toxin 1-methyl-4-phenylpyridinium.

Induction of tumor cell death through targeting tubulin and evoking dysregulation of cell cycle regulatory proteins by multifunctional cinnamaldehydes.

2'-Benzoyloxycinnamaldehyde-mediated DJ-1 upregulation protects MCF-7 cells from mitochondrial damage.

Modulation of the metabolism of airborne pollutants by glucoraphanin-rich and sulforaphane-rich broccoli sprout beverages in Qidong, China.

Glutaredoxin 1 protects dopaminergic cells by increased protein glutathionylation in experimental Parkinson's disease.

Differentially expressed genes and pathways induced by organophosphates in human neuroblastoma cells.

PANC-1 cells proliferative response to ionizing radiation is related to GSK-3 β phosphorylation.

Influence of serum in hemodialysis patients on the expression of intestinal and hepatic transporters for the excretion of pravastatin.

Pesticide exposure in children.

PCDD/Fs, PBDD/Fs, and PBDEs in the air of an e-waste recycling area (Taizhou) in China: current levels, composition profiles, and potential cancer risks.

Silibinin ameliorates arsenic induced nephrotoxicity by abrogation of oxidative stress, inflammation and apoptosis in rats.

Characterization of ecto-ATPase activity in the surface of LLC-PK1 cells and its modulation by ischemic conditions.

High-resolution genome-wide mapping of AHR and ARNT binding sites by ChIP-Seq.

Ethanol enhances tumor angiogenesis in vitro induced by low-dose arsenic in colon cancer cells through hypoxia-inducible factor 1 alpha pathway.

Autophagy is a cell self-protective mechanism against arsenic-induced cell transformation.

Cancer and non-cancer health effects from food contaminant exposures for children and adults in California: a risk assessment.

Tryptophan catabolism in cancer: beyond IDO and tryptophan depletion.

Environmental arsenic exposure and DNA methylation of the tumor suppressor gene p16 and the DNA repair gene MLH1: effect of arsenic metabolism and genotype.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptosis by disruption of intracellular calcium homeostasis in human neuronal cell line SHSY5Y.

The epigenetic effects of a high prenatal folate intake in male mouse fetuses exposed in utero to arsenic.

Enhanced apoptosis in retinal pigment epithelium under inflammatory stimuli and oxidative stress.

Aryl hydrocarbon receptor (AHR)-active pharmaceuticals are selective AHR modulators in MDA-MB-468 and BT474 breast cancer cells.

Environmental exposure to dioxin-like compounds and the mortality risk in the U.S. population.

Necrosis and apoptosis of renal tubular epithelial cells in rats exposed to 3-methyl-4-nitrophenol.

Telmisartan treatment attenuates arsenic-induced hepatotoxicity in mice.

Opposed arsenite-mediated regulation of p53-survivin is involved in neoplastic transformation, DNA damage, or apoptosis in human keratinocytes.

1-(sulfonyl)-5-(arylsulfonyl)indoline as activators of the tumor cell specific M2 isoform of pyruvate kinase.

Engineering of blended nanoparticle platform for delivery of mitochondria-acting therapeutics.

Biomarkers spectral subspace for cancer detection.

Global gene expression analysis in cord blood reveals gender-specific differences in response to carcinogenic exposure in utero.

Induction of anoikis by sodium arsenite in rat hepatoma FGC4 cells: comparison with cadmium chloride and implications for assessment of regulation of heat shock protein 70.

Sodium arsenite-induced abnormalities in expressions of Caveolin-1, eNOS, IKK β , and COX-2 in SV-40 immortalized human uroepithelial cells and in urothelial carcinomas.

Long-term toxicology and carcinogenicity of 2,4,6-trichlorophenol.

BRCA-1 promoter hypermethylation and silencing induced by the aromatic hydrocarbon receptor-ligand TCDD are prevented by resveratrol in MCF-7 cells.

A weight-of-evidence review of colorectal cancer in pesticide applicators: the agricultural health study and other epidemiologic studies.

Eccrine porocarcinoma with carcinomatous lymphangitis in a patient with history of arsenic exposure: a case report.

Poly (lactide-co-glycolide) encapsulated extract of *Phytolacca decandra* demonstrates better intervention against induced lung adenocarcinoma in mice and on A549 cells.

Development of brucine-loaded microsphere/thermally responsive hydrogel combination system for intra-articular administration.

Rat study sparks GM furore.

Baicalein induces G1 arrest in oral cancer cells by enhancing the degradation of cyclin D1 and activating AhR to decrease Rb phosphorylation.

Treatment of mild non-chemotherapy-induced iron deficiency anemia in cancer patients: comparison between oral ferrous bisglycinate chelate and ferrous sulfate.

Mortality study of chemical workers exposed to dioxins: follow-up 23 years after chemical plant closure.

Cancer incidence in a chlorochemical plant in Isère, France: an occupational cohort study, 1979-2002.

Cellular distribution of cell cycle-related molecules in the renal tubules of rats treated with renal carcinogens for 28 days: relationship between cell cycle aberration and carcinogenesis.

Effect of 6-O- α -maltosyl- β -cyclodextrin and its cholesterol inclusion complex on cellular cholesterol levels and ABCA1 and ABCG1 expression in mouse mastocytoma P-815 cells.

Urinary total arsenic and 8-hydroxydeoxyguanosine are associated with renal cell carcinoma in an area without obvious arsenic exposure.

In vitro and in vivo biological evaluation of new 4,5-disubstituted 1,2,3-triazoles as cis-constrained analogs of combretastatin A4.

A NUP98-HOXD13 leukemic fusion gene leads to impaired class switch recombination and antibody production.

Hepatic microRNA profiles offer predictive and mechanistic insights after exposure to genotoxic and epigenetic hepatocarcinogens.

Intracellular accumulation of bilirubin as a defense mechanism against increased oxidative stress.

Yusho: 43 years later.

Iron replacement therapy in the routine management of blood donors.

Progesterone receptor is involved in 2,3,7,8-tetrachlorodibenzo-p-dioxin-stimulated breast cancer cells proliferation.

Occupational cancer in Britain. Exposure assessment methodology.

Sodium arsenite down-regulates the expression of X-linked inhibitor of apoptosis protein via translational and post-translational mechanisms in hepatocellular carcinoma.

A review of the role of lymphoma markers and occupational and environmental exposures.

Maternal diet and dioxin-like activity, bulky DNA adducts and micronuclei in mother-newborns.

Combination of Rad001 (everolimus) and propachlor synergistically induces apoptosis through enhanced autophagy in prostate cancer cells.

Circulating microRNA-122 as a potential biomarker for liver injury.

Tumors and proliferative lesions in adult offspring after maternal exposure to methylarsonous acid during gestation in CD1 mice.

Evaluation of paclitaxel/carboplatin in a dose dense or weekly regimen in 66 patients with recurrent or primary metastatic cervical cancer.

Is the fear of dioxin cancer more harmful than dioxin?

FOXA1 is essential for aryl hydrocarbon receptor-dependent regulation of cyclin G2.

Protein alteration of HepG2.2.15 cells induced by iron overload.

Aryl hydrocarbon receptor-mediated induction of EBV reactivation as a risk factor for Sjögren's syndrome.

Inorganic arsenic and basal cell carcinoma in areas of Hungary, Romania, and Slovakia: a case-control study.

Src-mediated aryl hydrocarbon and epidermal growth factor receptor cross talk stimulates colon cancer cell proliferation.

Sodium arsenite \pm hyperthermia sensitizes p53-expressing human ovarian cancer cells to cisplatin by modulating platinum-DNA damage responses.

The aryl hydrocarbon receptor contributes to the proliferation of human medulloblastoma cells.

An arabinoxylan-rich fraction from wheat enhances caecal fermentation and protects colonocyte DNA against diet-induced damage in pigs.

β -catenin expression in areca quid chewing-associated oral squamous cell carcinomas and upregulated by arecoline in human oral epithelial cells.

Concomitant induction of heme oxygenase-1 attenuates the cytotoxicity of arsenic species from lumbricus extract in human liver HepG2 cells.

Cross-regulations among NRFs and KEAP1 and effects of their silencing on arsenic-induced antioxidant response and cytotoxicity in human keratinocytes.

2,3,7,8-tetrachlorodibenzo-p-dioxin induces transcriptional activity of the human polymorphic hs1,2 enhancer of the 3'IGH regulatory region.

Metformin reduces endogenous reactive oxygen species and associated DNA damage.

Inflammatory pathway genes belong to major targets of persistent organic pollutants in adipose cells.

Suppression of Klotho expression by protein-bound uremic toxins is associated with increased DNA methyltransferase expression and DNA hypermethylation.

Isolation and identification of C-19 fatty acids with anti-tumor activity from the spores of Ganoderma lucidum (reishi mushroom).

Endocrine-active chemicals in mammary cancer causation and prevention.

Neuroprotection of kaempferol by autophagy in models of rotenone-mediated acute toxicity: possible implications for Parkinson's disease.

Requirement of matrix metalloproteinase-1 for intestinal homeostasis in the adult *Drosophila* midgut.

Effects of prenatal exposure to sodium arsenite on motor and food-motivated behaviors from birth to adulthood in C57BL6/J mice.

Thrombocytosis and venous thromboembolism in cancer patients with chemotherapy induced anemia may be related to ESA induced iron restricted erythropoiesis and reversed by administration of IV iron.

Subacute arsenic exposure through drinking water reduces the pharmacodynamic effects of ketoprofen in male rats.

Influence of prenatal organohalogen levels on infant male sexual development: sex hormone levels, testes volume and penile length.

Inhibition of VCAM-1 expression in endothelial cells by CORM-3: the role of the ubiquitin-proteasome system, p38, and mitochondrial respiration.

Aldehyde dehydrogenases and cell proliferation.

The vimentin-tubulin binding site peptide (Vim-TBS.58-81) crosses the plasma membrane and enters the nuclei of human glioma cells.

Distinct urinary metabolic profile of human colorectal cancer.

Synergism between arsenite and proteasome inhibitor MG132 over cell death in myeloid leukaemic cells U937 and the induction of low levels of intracellular superoxide anion.

Aryl hydrocarbon receptor modulation of estrogen receptor β -mediated gene regulation by a multimeric chromatin complex involving the two receptors and the coregulator RIP140.

ErbB1/2 tyrosine kinase inhibitor mediates oxidative stress-induced apoptosis in inflammatory breast cancer cells.

Solid phase microextraction, mass spectrometry and metabolomic approaches for detection of potential urinary cancer biomarkers--a powerful strategy for breast cancer diagnosis.

Prostate cancer and toxicity from critical use exemptions of methyl bromide: environmental protection helps protect against human health risks.

Up-regulation of osteopontin expression by aryl hydrocarbon receptor via both ligand-dependent and ligand-independent pathways in lung cancer.

[Antiangiogenic and antitumor properties of cartilage].

Uremia suppresses immune signal-induced CYP27B1 expression in human monocytes.

Stability of the transthyretin molecule as a key factor in the interaction with a-beta peptide--relevance in Alzheimer's disease.

Prenatal exposure to TCDD triggers significant modulation of microRNA expression profile in the thymus that affects consequent gene expression.

Inhibition of mitochondria- and endoplasmic reticulum stress-mediated autophagy augments temozolomide-induced apoptosis in glioma cells.

Dioxin induces genomic instability in mouse embryonic fibroblasts.

Occupational pesticide exposures and cancer risk: a review.

Camel milk modulates the expression of aryl hydrocarbon receptor-regulated genes, Cyp1a1, Nqo1, and Gsta1, in murine hepatoma Hepa 1c1c7 cells.

MiR-206 regulates neural cells proliferation and apoptosis via Otx2.

Genome-wide association study identifies chromosome 10q24.32 variants associated with arsenic metabolism and toxicity phenotypes in Bangladesh.

Relevance of protein fermentation to gut health.

Aryl hydrocarbon receptor agonists induce microRNA-335 expression and inhibit lung metastasis of estrogen receptor negative breast cancer cells.

Akt activation is responsible for enhanced migratory and invasive behavior of arsenic-transformed human bronchial epithelial cells.

Reversible generation of metastable enols in the 1,4-addition of thioacetic acid to α,β -unsaturated carbonyl compounds.

$1,25$ dihydroxyvitamin D₃ enhances cellular defences against UV-induced oxidative and other forms of DNA damage in skin.

Arsenic exposure through drinking water is associated with longer telomeres in peripheral blood.

Environmentally persistent free radicals decrease cardiac function and increase pulmonary artery pressure.

Organochlorine pesticides induce epithelial to mesenchymal transition of human primary cultured hepatocytes.

Polychlorinated biphenyls (PCBs) in marine fishes from China: levels, distribution and risk assessment.

An involvement of neurokinin-1 receptor in Fc ϵ R¹-mediated RBL-2H3 mast cell activation.

Oxidative stress modulates KLF6Full and its splice variants.

Simultaneous analysis of 28 urinary VOC metabolites using ultra high performance liquid chromatography coupled with electrospray ionization tandem mass spectrometry (UPLC-ESI/MSMS).

The epidemiology of sarcoma.

Low dose and long term toxicity of sodium arsenite caused caspase dependent apoptosis based on morphology and biochemical character.

Small reactive carbonyl compounds as tissue lipid oxidation products; and the mechanisms of their formation thereby.

The androgenic anabolic steroid tetrahydrogestrinone produces dioxin-like effects via the aryl hydrocarbon receptor.

Effects of caffeine on metabolism and mitochondria biogenesis in rhabdomyosarcoma cells compared with 2,4-dinitrophenol.

Bladder urotoxicity pathophysiology induced by the oxazaphosphorine alkylating agents and its chemoprevention.

[Study of the mechanisms of cytotoxic effect of uranyl nitrate].

Antimutagenic properties of *Mangifera indica* L. stem bark extract and evaluation of its effects on hepatic CYP1A1.

Induction of DNA double-strand breaks by monochlorophenol isomers and ChKM in human gingival fibroblasts.

An improved synthesis of lysosomal activated mustard prodrug for tumor-specific activation and its cytotoxic evaluation.

TGF- β 1 signaling plays a dominant role in the crosstalk between TGF- β 1 and the aryl hydrocarbon receptor ligand in prostate epithelial cells.

Assessment of possible carcinogenicity of oxyfluorfen to humans using mode of action analysis of rodent liver effects.

ABC transporter function and regulation at the blood-spinal cord barrier.

Genotoxicity assessment in *Eisenia andrei* coelomocytes: a study of the induction of DNA damage and micronuclei in earthworms exposed to B[a]P- and TCDD-spiked soils.

Induction of Apoptosis in the Rat Bone Marrow Mesenchymal Stem Cells Following Sodium Arsenite Treatment with the Dose Lesser than that Used for Treatment of Malignant Patient.

Possible aryl hydrocarbon receptor-independent pathway of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced antiproliferative response in human breast cancer cells.

Identification of trace organic pollutants in drinking water and the associated human health risks in Jiangsu Province, China.

Conformationally restricted naphthalene derivatives type isocombretastatin A-4 and isoerianin analogues: synthesis, cytotoxicity and antitubulin activity.

Protective effect of *Enicostema axillare* on mutagenicity of *Salmonella typhimurium* by increasing free radical scavenging abilities.

Lymphoma cells with increased anti-oxidant defenses acquire chemoresistance.

Environmental nitration processes enhance the mutagenic potency of aromatic compounds.

Suppressive effects of Schizandra chinensis Baillon water extract on allergy-related cytokine generation and degranulation in IgE-antigen complex-stimulated RBL-2H3 cells.

Clinical outcome of veterans with acute coronary syndrome who had been exposed to agent orange.

Preliminary evaluation of the human relevance of respiratory tumors observed in rodents exposed to naphthalene.

Toxicological evaluation of paper mill sewage sediment treated by indigenous dibenzofuran-degrading *Pseudomonas* sp.

Urinary levels of volatile organic carcinogen and toxicant biomarkers in relation to lung cancer development in smokers.

Nrf2-dependent induction of proteasome and Pa28 $\hat{\pm}$ \hat{I}^2 regulator are required for adaptation to oxidative stress.

Environmental exposures and prostate cancer.

Changes in expression of drug-metabolizing enzymes by single-walled carbon nanotubes in human respiratory tract cells.

Sodium arsenite and cadmium chloride induction of proteasomal inhibition and HSP accumulation in *Xenopus laevis* A6 kidney epithelial cells.

Multidrug resistance protein (MRP) 4 attenuates benzo[a]pyrene-mediated DNA-adduct formation in human bronchoalveolar H358 cells.

Involvement of concentrative nucleoside transporter 1 in intestinal absorption of trifluorothymidine, a novel antitumor nucleoside, in rats.

Harmaline and harmalol inhibit the carcinogen-activating enzyme CYP1A1 via transcriptional and posttranslational mechanisms.

Disruption of endocrine function in in vitro H295R cell-based and in in vivo assay in zebrafish by 2,4-dichlorophenol.

Characterization of TCHQ-induced genotoxicity and mutagenesis using the pSP189 shuttle vector in mammalian cells.

Pollution level and human health risk assessment of some pesticides and polychlorinated biphenyls in Nantong of Southeast China.

Tumor necrosis factor $\hat{\pm}$ stimulates expression and secretion of urokinase plasminogen activator in human dental pulp cells.

Aberrant activation of ubiquitin D at G2 phase and apoptosis by carcinogens that evoke cell proliferation after 28-day administration in rats.

Persistent toxic substances: sources, fates and effects.

Role of the Arylhydrocarbon Receptor (AhR) in the Pathology of Asthma and COPD.

Distinct roles for aryl hydrocarbon receptor nuclear translocator and ah receptor in estrogen-mediated signaling in human cancer cell lines.

H₂O₂-induced secretion of tumor necrosis factor- α evokes apoptosis of cardiac myocytes through reactive oxygen species-dependent activation of p38 MAPK.

Identification of differentially expressed genes by 2,3,7,8-tetrachlorodibenzo-p-dioxin in human bronchial epithelial cells.

Identification of ketoconazole as an AhR-Nrf2 activator in cultured human keratinocytes: the basis of its anti-inflammatory effect.

Validation of a novel air toxic risk model with air monitoring.

Genotoxic analysis of four lipid-peroxidation products in the mouse lymphoma assay.

The enhancing effect of the antioxidant N-acetylcysteine on urinary bladder injury induced by dimethylarsinic acid.

Differential regional expression patterns of α -synuclein, TNF- α , and IL-1 β ; and variable status of dopaminergic neurotoxicity in mouse brain after Paraquat treatment.

Chronic oral exposure to the aldehyde pollutant acrolein induces dilated cardiomyopathy.

Epidemiologic studies of glyphosate and non-cancer health outcomes: a review.

Endogenous 4-hydroxy-2-nonenal in microalga *Chlorella kessleri* acts as a bioactive indicator of pollution with common herbicides and growth regulating factor of hormesis.

Assessment of female reproductive endpoints in Sprague-Dawley rats developmentally exposed to Diuron: potential ovary toxicity.

Atrazine and breast cancer: a framework assessment of the toxicological and epidemiological evidence.

Continuous hypoxia attenuates paraquat-induced cytotoxicity in the human A549 lung carcinoma cell line.

Hepatotoxicity of silica nanoparticles with a diameter of 100 nm.

Cancer incidence of 2,4-D production workers.

Acrolein - a pulmonary hazard.

Toxicology and risk assessment of acrolein in food.

The protective effect of C-phycocyanin on paraquat-induced acute lung injury in rats.

Kolaviron protects apoptotic cell death in PC12 cells exposed to atrazine.

Acrolein induced DNA damage, mutagenicity and effect on DNA repair.

Neuroprotective effect of Cu,Zn-superoxide dismutase fused to a TCTP-derived protein transduction domain.

Atrazine and cancer incidence among pesticide applicators in the agricultural health study (1994-2007).

TCDD and cancer: a critical review of epidemiologic studies.

Transcriptional profile of diuron-induced toxicity on the urinary bladder of male Wistar rats to inform mode of action.

Investigation into modification of mass transfer kinetics by acrolein in a renal biochip.

Mitochondria are the main target organelle for trivalent monomethylarsonous acid (MMA(III))-induced cytotoxicity.

Biflavanone-kolaviron protects human dopaminergic SH-SY5Y cells against atrazine induced toxic insult.

Involvement of N-6 adenine-specific DNA methyltransferase 1 (N6AMT1) in arsenic biomethylation and its role in arsenic-induced toxicity.

Role of growth factors in acute lung injury induced by paraquat in a rat model.

Histopathological changes in gill, liver and kidney of neotropical fish *Colossoma macropomum* exposed to paraquat at different temperatures.

Diuron exposure induces systemic and organ-specific toxicity following acute and sub-chronic exposure in male Wistar rats.

Acrolein, an I κ B α -independent downregulator of NF- κ B activity, causes the decrease in nitric oxide production in human malignant keratinocytes.

Modulation of steroidogenic gene expression and hormone synthesis in H295R cells exposed to PCP and TCP.

Should atrazine and related chlorotriazines be considered carcinogenic for human health risk assessment?

Protection of bone marrow mesenchymal stem cells from acute lung injury induced by paraquat poisoning.

Mortality of US pentachlorophenol production workers through 2005.

A review of epidemiologic studies of triazine herbicides and cancer.

Evaluation of carcinogenic potential of diuron in a rat mammary two-stage carcinogenesis model.

Superoxide dismutase protects cells from DNA damage induced by trivalent methylated arsenicals.

Effect of reactive oxygen and carbonyl species on crucial cellular antioxidant enzymes.

[Clinical study of dynamic change of inflammatory factors in serum of acute paraquat rats].

Chronic progressive nephropathy in male F344 rats in 90-day toxicity studies: its occurrence and association with renal tubule tumors in subsequent 2-year bioassays.

Erythema multiforme major due to occupational exposure to the herbicides alachlor and butachlor.

Still present after all these years: persistence plus potential toxicity raise questions about the use of atrazine.

Understanding the effects of atrazine on steroidogenesis in rat granulosa and H295R adrenal cortical carcinoma cells.

Prostate cancer risk and exposure to pesticides in British Columbia farmers.

Analysis of acrolein-derived 1,N2-propanodeoxyguanosine adducts in human leukocyte DNA from smokers and nonsmokers.

[Expression of nuclear factor kappaB and tumor necrosis factor $\hat{\pm}$ in lung tissue of paraquat poisoned rats].

Toxicity of neurons treated with herbicides and neuroprotection by mitochondria-targeted antioxidant SS31.

Edaravone, a novel antidote against lung injury and pulmonary fibrosis induced by paraquat?

ASK1 overexpression accelerates paraquat-induced autophagy via endoplasmic reticulum stress.

Pathological and genotoxic effects of atrazine in male Japanese quail (*Coturnix japonica*).

2-Methoxycinnamaldehyde inhibits tumor angiogenesis by suppressing Tie2 activation.

Dopamine and paraquat enhance $\hat{\pm}$ -synuclein-induced alterations in membrane conductance.

Effects of paraquat and capsaicin on the expression of genes related to inflammatory, immune responses and cell death in immortalized human HaCat keratinocytes.

Cinnamaldehyde enhances in vitro parameters of immunity and reduces in vivo infection against avian coccidiosis.

[Mechanism of cinnamic aldehyde-inducing apoptosis of chronic myeloid leukemic cells in vitro].

Expressions of lipid oxidation markers, N($\hat{\mu}$)-hexanoyl lysine and acrolein in cisplatin-induced nephrotoxicity in rats.

Protection against 1-methyl-4-phenylpyridinium ion (MPP⁺)-induced apoptosis by water extract of ginseng (*Panax ginseng* C.A. Meyer) in SH-SY5Y cells.

A pathway-based analysis of urinary arsenic metabolites and skin lesions.

Protandim attenuates intimal hyperplasia in human saphenous veins cultured ex vivo via a catalase-dependent pathway.

Unbalanced MMP/TIMP-1 expression during the development of experimental pulmonary fibrosis with acute paraquat poisoning.

Carnosine protects against the neurotoxic effects of a serotonin-derived melanoid.

Submicron polymer particles containing fluorescent semiconductor nanocrystals CdSe/ZnS for bioassays.

Brain infarction correlates more closely with acrolein than with reactive oxygen species.

[Metabolism inhibition stimulates, metabolism activation inhibits cancerogenic activity of ortho-aminoazotoluene in mouse liver].

Measuring the penetration of a skin sensitizer and its delivery vehicles simultaneously with confocal Raman spectroscopy.

Use of polyamine metabolites as markers for stroke and renal failure.

Differential antiproliferation effect of 2'-benzoyloxycinnamaldehyde in K-ras-transformed cells via downregulation of thiol antioxidants.

2'-Hydroxycinnamaldehyde targets low-density lipoprotein receptor-related protein-1 to inhibit lipopolysaccharide-induced microglial activation.

Acrolein sensitizes human renal cancer Caki cells to TRAIL-induced apoptosis via ROS-mediated up-regulation of death receptor-5 (DR5) and down-regulation of Bcl-2.

Urinary arsenic speciation profiles in mice subchronically exposed to low concentrations of sodium arsenate in drinking water.

Growth inhibitory activities of oxyprenylated and non-prenylated naturally occurring phenylpropanoids in cancer cell lines.

Murine hepatic aldehyde dehydrogenase 1a1 is a major contributor to oxidation of aldehydes formed by lipid peroxidation.

The chemotherapy metabolite acrolein upregulates thrombin generation and impairs the protein C anticoagulant pathway in animal-based and cell-based models.

Increased oxidative/nitrosative stress markers measured non-invasively in patients with high 2,3,7,8-tetrachloro-dibenzo-p-dioxin plasma level.

The polymorphisms of P53 codon 72 and MDM2 SNP309 and renal cell carcinoma risk in a low arsenic exposure area.

Effects of oleanolic acid on pulmonary morphofunctional and biochemical variables in experimental acute lung injury.

Correlation of seven biological factors (Hsp90a, p53, MDM2, Bcl-2, Bax, Cytochrome C, and Cleaved caspase3) with clinical outcomes of ALK+ anaplastic large-cell lymphoma.

Environmental- and injury-related epidemic-assistance investigations, 1946-2005.

Activation of the aryl hydrocarbon receptor by TCDD inhibits mammary tumor metastasis in a syngeneic mouse model of breast cancer.

Mutated p.4894 RyR1 function related to malignant hyperthermia and congenital neuromuscular disease with uniform type 1 fiber (CNMDU1).

Protective effects of N-acetylcysteine against arsenic-induced oxidative stress and reprotoxicity in male mice.

Regulation of apoptosis in human melanoma and neuroblastoma cells by statins, sodium arsenite and TRAIL: a role of combined treatment versus monotherapy.

Mitochondrial respiratory complex I dysfunction promotes tumorigenesis through ROS alteration and AKT activation.

Dioxin exposure and cancer risk in the Seveso Women's Health Study.

Molecular changes during arsenic-induced cell transformation.

MicroRNAs in inflammation and response to injuries induced by environmental pollution.

Biotransformation enzyme-dependent formation of micronucleus and multinuclei in cell line V79-hCYP2E1-hSULT1A1 by 2-nitropropane and N-nitrosodimethylamine.

A chemically induced vaccine strategy for prostate cancer.

Identification of aryl hydrocarbon receptor binding targets in mouse hepatic tissue treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Polymorphism of the aryl-hydrocarbon receptor gene in intron 10 of human cancers.

Increased hepatic Igf2 gene expression involves C/EBP β in TCDD-induced teratogenesis in rats.

Potential protective mechanisms of aryl hydrocarbon receptor (AHR) signaling in benign prostatic hyperplasia.

Arsenite induces cell transformation by reactive oxygen species, AKT, ERK1/2, and p70S6K1.

Quantification of PCDD/Fs and dioxin-like PCBs in small amounts of human serum using the sensitive H1L7.5c1 mouse hepatoma cell line: optimization and analysis of human serum samples from adolescents of the Flemish human biomonitoring program FLEHS II.

Gene expression changes in human prostate carcinoma cells exposed to genotoxic and nongenotoxic aryl hydrocarbon receptor ligands.

Up-regulation of cyclin D1 by JNK1/c-Jun is involved in tumorigenesis of human embryo lung fibroblast cells induced by a low concentration of arsenite.

An international validation study of a Bhas 42 cell transformation assay for the prediction of chemical carcinogenicity.

An endogenous tumour-promoting ligand of the human aryl hydrocarbon receptor.

Protective role of the methanolic extract of *Icacina trichantha* on sodium arsenite induced genotoxicity and hepatotoxicity.

Consumption patterns and risk assessment of crab consumers from the Newark Bay Complex, New Jersey, USA.

The possible roles of environmental factors and the aryl hydrocarbon receptor in the prevalence of thyroid diseases in Vietnam era veterans.

Arsenicals affect base excision repair by several mechanisms.

Third-generation Ah receptor-responsive luciferase reporter plasmids: amplification of dioxin-responsive elements dramatically increases CALUX bioassay sensitivity and responsiveness.

CD82 gene suppression in endometrial stromal cells leads to increase of the cell invasiveness in the endometriotic milieu.

The CALUX bio-assay: analytical comparison between mouse hepatoma cell lines with a low (H1L6.1c3) and high (H1L7.5c1) number of dioxin response elements.

Comparative toxicity of arsenic metabolites in human bladder cancer EJ-1 cells.

The p38 MAPK inhibitor SB203580 induces cytochrome P450 1A1 gene expression in murine and human hepatoma cell lines through ligand-dependent aryl hydrocarbon receptor activation.

Discovery and biological characterization of 1-(1H-indol-3-yl)-9H-pyrido[3,4-b]indole as an aryl hydrocarbon receptor activator generated by photoactivation of tryptophan by sunlight.

Biophoton emissions from cell cultures: biochemical evidence for the plasma membrane as the primary source.

Antiproliferative and anti-invasive effects of inorganic and organic arsenic compounds on human and murine melanoma cells in vitro.

A competitive co-cultivation assay for cancer drug specificity evaluation.

Aryl hydrocarbon receptor and aryl hydrocarbon nuclear translocator expression in human and rat placentas and transcription activity in human trophoblast cultures.

Protective effects of quercetin and chrysin against 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induced oxidative stress, body wasting and altered cytokine productions in rats.

The down-regulation of galectin-1 expression is a specific biomarker of arsenic toxicity.

Changes in iron-regulatory gene expression occur in human cell culture models of Parkinson's disease.

Identification of differentially expressed genes in the livers of chronically i-As-treated hamsters.

Interaction of aryl hydrocarbon receptor and NF- κ B subunit RelB in breast cancer is associated with interleukin-8 overexpression.

Proton MR spectroscopy of neural stem cells: does the proton-NMR peak at 1.28 ppm function as a biomarker for cell type or state?

Urinary trichlorophenol levels and increased risk of attention deficit hyperactivity disorder among US school-aged children.

Genetic polymorphisms in glutathione S-transferase (GST) superfamily and risk of arsenic-induced urothelial carcinoma in residents of southwestern Taiwan.

[Geographic epidemiology of soft tissue sarcomas, Trieste (1995 -2005)].

The response of HMGA1 to changes in oxygen availability is evolutionarily conserved.

Could *Malassezia* yeasts be implicated in skin carcinogenesis through the production of aryl-hydrocarbon receptor ligands?

Activation and up-regulation of translation initiation factor 4B contribute to arsenic-induced transformation.

Exposure to multiple pesticides and risk of non-Hodgkin lymphoma in men from six Canadian provinces.

Analysis of arsenic metabolites in HepG2 and AS3MT-transfected cells.

Effect of urinary total arsenic level and estimated glomerular filtration rate on the risk of renal cell carcinoma in a low arsenic exposure area.

Review of metastasizing (malignant) ameloblastoma (METAM): pattern of metastasis and treatment.

Prostate cancer and ambient pesticide exposure in agriculturally intensive areas in California.

In vitro and in vivo evaluation of chemically modified degradable starch microspheres for topical haemostasis.

Long-term effects on humoral immunity among workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Global DNA methylation in the mouse liver is affected by methyl deficiency and arsenic in a sex-dependent manner.

Characterization of estrogen quinone-derived protein adducts and their identification in human serum albumin derived from breast cancer patients and healthy controls.

[Protective effects of tetrandrine against congenital diaphragmatic hernia in rats].

[Non dietetic environmental risk factors in prostate cancer].

Uterine leiomyomata in a cohort of Great Lakes sport fish consumers.

Heat shock protein 47 expression in oral squamous cell carcinomas and upregulated by arecoline in human oral epithelial cells.

Role of the xenobiotic receptor in inflammatory bowel disease.

Plasma levels of polychlorinated biphenyls and risk of cutaneous malignant melanoma: a preliminary study.

A novel in vitro pancreatic carcinogenesis model.

Epidemiological approaches in the investigation of environmental causes of cancer: the case of dioxins and water disinfection by-products.

Uremic toxins inhibit transport by breast cancer resistance protein and multidrug resistance protein 4 at clinically relevant concentrations.

[Polychlorinated dibenzofurans and cancer].

Resveratrol interacts with estrogen receptor- β to inhibit cell replicative growth and enhance stress resistance by upregulating mitochondrial superoxide dismutase.

Activation of c-Src/HER1/STAT5b and HER1/ERK1/2 signaling pathways and cell migration by hexachlorobenzene in MDA-MB-231 human breast cancer cell line.

L-cysteine as a regulator for arsenic-mediated cancer-promoting and anti-cancer effects.

Molecular and functional characterization of aryl hydrocarbon receptor nuclear translocator 1 (ARNT1) and ARNT2 in chicken (*Gallus gallus*).

Environmental toxicants and the developing immune system: a missing link in the global battle against infectious disease?

Aryl hydrocarbon receptor activation during pregnancy, and in adult nulliparous mice, delays the subsequent development of DMBA-induced mammary tumors.

Arsenite-induced apoptosis is prevented by selenite in A375 cell line.

Residential pesticides and childhood leukemia: a systematic review and meta-analysis.

Analysis of human cultured myotubes responses mediated by ryanodine receptor 1.

Arsenic: toxicity, oxidative stress and human disease.

Exacerbated vulnerability to oxidative stress in astrocytic C6 glioma cells with stable overexpression of the glutamine transporter slc38a1.

Aryl hydrocarbon receptor activation by TCDD reduces inflammation associated with Crohn's disease.

Ah receptor antagonism inhibits constitutive and cytokine inducible IL6 production in head and neck tumor cell lines.

Protective effects of plasma alpha-tocopherols on the risk of inorganic arsenic-related urothelial carcinoma.

Synergism between 2,3,7,8-tetrachlorodibenzo-p-dioxin and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone on lung tumor incidence in mice.

Oxidative stress and hepatic stellate cell activation are key events in arsenic induced liver fibrosis in mice.

Neuroprotective effects of KR-62980, a new PPAR γ agonist, against chemical ischemia-reperfusion in SK-N-SH cells.

Aryl hydrocarbon receptor ligand 2,3,7,8-tetrachlorodibenzo-p-dioxin enhances liver damage in bile duct-ligated mice.

Suppression of the proinflammatory response of metastatic melanoma cells increases TRAIL-induced apoptosis.

Inhibitory effects of ethacrynic acid analogues lacking the α,β -unsaturated carbonyl unit and para-acylated phenols on human cancer cells.

Increased risk of non-Hodgkin lymphoma and serum organochlorine concentrations among neighbors of a municipal solid waste incinerator.

Mutant SOD1 and mitochondrial damage alter expression and splicing of genes controlling neurogenesis in models of neurodegeneration.

Expression of the Wilm's tumor gene WT1 during diaphragmatic development in the nitrofen model for congenital diaphragmatic hernia.

Differential effects of indirubin and 2,3,7,8-tetrachlorodibenzo-p-dioxin on the aryl hydrocarbon receptor (AhR) signalling in liver progenitor cells.

Camel urine inhibits the cytochrome P450 1a1 gene expression through an AhR-dependent mechanism in Hepa 1c1c7 cell line.

Association between glycodelin and aryl hydrocarbon receptor in Iranian breast cancer patients: impact of environmental endocrine disrupting chemicals.

[Polymorphism of TNF gene and CPOX gene in chemical industry workers].

Metformin represses self-renewal of the human breast carcinoma stem cells via inhibition of estrogen receptor-mediated OCT4 expression.

2,4,6-Trichlorophenol.

2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Does uremia cause vascular dysfunction?

An evaluation of single nucleotide polymorphisms in the human aryl hydrocarbon receptor-interacting protein (AIP) gene.

[Classification as carcinogenic for 2,3,7,8-tetrachlorodibenzo-para-dioxin: an eventful journey].

Chronic exposure to arsenite induces S100A8 and S100A9 expression in rat RBL-2H3 mast cells.

Muscle weakness in Ryr114895T/WT knock-in mice as a result of reduced ryanodine receptor Ca²⁺ ion permeation and release from the sarcoplasmic reticulum.

Phase III, randomized study of the effects of parenteral iron, oral iron, or no iron supplementation on the erythropoietic response to darbepoetin alfa for patients with chemotherapy-associated anemia.

Gene polymorphisms of glutathione S-transferase omega 1 and 2, urinary arsenic methylation profile and urothelial carcinoma.

Carcinogenic effects of "whole-life" exposure to inorganic arsenic in CD1 mice.

Residential exposure to pesticides and childhood leukaemia: a systematic review and meta-analysis.

Synthesis and biological evaluation of some nitrogen containing steroidal heterocycles.

Selective ascorbate toxicity in malignant mesothelioma: a redox Trojan mechanism.

2,3,7,8-tetrachlorodibenzo-p-dioxin induced autophagy in a bovine kidney cell line.

Differential cytotoxic effects of sodium meta-arsenite on human cancer cells, dental papilla stem cells and somatic cells correlate with telomeric properties and gene expression.

The constitutively active Ah receptor (CA-AhR) mouse as a model for dioxin exposure - effects in reproductive organs.

Dietary ligands of the aryl hydrocarbon receptor induce anti-inflammatory and immunoregulatory effects on murine dendritic cells.

Licorice extract increases cyclophosphamide teratogenicity by upregulating the expression of cytochrome P-450 2B mRNA.

Molecular mechanisms of cold-induced CYP1A activation in rat liver microsomes.

Rat H9c2 cardiac myocytes are sensitive to arsenite due to a modest activation of transcription factor Nrf2.

Sodium arsenite dependent protein expression analysis on human embryonic carcinoma (NCCIT) cell line.

Quantitation of benzo[a]pyrene metabolic profiles in human bronchoalveolar (H358) cells by stable isotope dilution liquid chromatography-atmospheric pressure chemical ionization mass spectrometry.

Dose-dependent urinary phenotype of inorganic arsenic methylation in mice with a focus on trivalent methylated metabolites.

Artificial-turf playing fields: contents of metals, PAHs, PCBs, PCDDs and PCDFs, inhalation exposure to PAHs and related preliminary risk assessment.

Multivariate toxicity profiles and QSAR modeling of non-dioxin-like PCBs--an investigation of in vitro screening data from ultra-pure congeners.

Inhibition by resistant starch of red meat-induced promutagenic adducts in mouse colon.

Construction and characterization of hepatocyte nuclear factor HNF4alpha1 over-expressing cell line derived from human hepatoma HepG2 cells.

Transcriptional modulation of the NAD(P)H:quinone oxidoreductase 1 by mercury in human hepatoma HepG2 cells.

A novel application of the Margin of Exposure approach: segregation of tobacco smoke toxicants.

Non-additive hepatic gene expression elicited by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB153) co-treatment in C57BL/6 mice.

In vitro modulation of intracellular receptor signaling and cytotoxicity induced by extracts of cyanobacteria, complex water blooms and their fractions.

Photoirradiation of dehydropyrrolizidine alkaloids--formation of reactive oxygen species and induction of lipid peroxidation.

Photoirradiation of polycyclic aromatic hydrocarbon diones by UVA light leading to lipid peroxidation.

Paclitaxel conjugation with the analog of the gonadotropin-releasing hormone as a targeting moiety.

The aryl hydrocarbon receptor interacts with ATP5¹, a subunit of the ATP synthase complex, and modulates mitochondrial function.

The interplay of the aryl hydrocarbon receptor and β -catenin alters both AhR-dependent transcription and Wnt/ β -catenin signaling in liver progenitors.

Vacuolar H⁺-ATPase c protects glial cell death induced by sodium nitroprusside under glutathione-depleted condition.

Detoxification of a carcinogenic paint preservative by *Blumea malcolmii* Hook cell cultures.

Herbal bioactivation, molecular targets and the toxicity relevance.

Effect of oral coadministration of artesunate with ferrous sulfate on rat liver mitochondrial membrane permeability transition.

A study of the relative importance of the peroxiredoxin-, catalase-, and glutathione-dependent systems in neural peroxide metabolism.

Sodium arsenite and hyperthermia modulate cisplatin-DNA damage responses and enhance platinum accumulation in murine metastatic ovarian cancer xenograft after hyperthermic intraperitoneal chemotherapy (HIPEC).

Lack of change in microRNA expression in adult mouse liver following treatment with benzo(a)pyrene despite robust mRNA transcriptional response.

Modulation of mast cell adhesion, proliferation, and cytokine secretion on electrospun bioresorbable vascular grafts.

Protective role of selenium against over-expression of cancer-related apoptotic genes induced by o-cresol in rats.

Artemisinin production in *Artemisia annua*: studies in planta and results of a novel delivery method for treating malaria and other neglected diseases.

Mercapturic acids as metabolites of alkylating substances in urine samples of German inhabitants.

Effect of sodium arsenite dose administered in the drinking water on the urinary bladder epithelium of female arsenic (+3 oxidation state) methyltransferase knockout mice.

An untargeted multi-technique metabolomics approach to studying intracellular metabolites of HepG2 cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Mechanisms of induction of cytosolic and microsomal glutathione transferase (GST) genes by xenobiotics and pro-inflammatory agents.

Effect of pertussis toxin and herbimycin A on proteinase-activated receptor 2-mediated cyclooxygenase 2 expression in *Helicobacter pylori*-infected gastric epithelial AGS cells.

Cigarette smoke increases susceptibility to tuberculosis--evidence from in vivo and in vitro models.

In vitro toxicity profiling of ultrapure non-dioxin-like polychlorinated biphenyl congeners and their relative toxic contribution to PCB mixtures in humans.

Aryl hydrocarbon receptor ligands of widely different toxic equivalency factors induce similar histone marks in target gene chromatin.

Dioxin exposure of human CD34+ hemopoietic cells induces gene expression modulation that recapitulates its in vivo clinical and biological effects.

Differences in TCDD-elicited gene expression profiles in human HepG2, mouse Hepa1c1c7 and rat H4IIE hepatoma cells.

c-Src is required for complex formation between the hepatitis C virus-encoded proteins NS5A and NS5B: a prerequisite for replication.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters sebaceous gland cell differentiation in vitro.

Retention and maternal transfer of brominated dioxins in zebrafish (*Danio rerio*) and effects on reproduction, aryl hydrocarbon receptor-regulated genes, and ethoxyresorufin-O-deethylase (EROD) activity.

Dioxin toxicity, aryl hydrocarbon receptor signaling, and apoptosis-persistent pollutants affect programmed cell death.

Specific in vitro toxicity of crude and refined petroleum products: 3. Estrogenic responses in mammalian assays.

Bacterial cellulose as a potential vascular graft: Mechanical characterization and constitutive model development.

The ATP-binding cassette transporter ABCB6 is induced by arsenic and protects against arsenic cytotoxicity.

Cyclooxygenase-2 contributes to functional changes seen on experimental hemorrhagic cystitis induced by ifosfamide in rat urinary bladder.

Singlet oxygen mediated DNA degradation by copper nanoparticles: potential towards cytotoxic effect on cancer cells.

Coenzyme Q10 counteracts testicular injury induced by sodium arsenite in rats.

Proteomic mapping of bezafibrate-treated human hepatocytes in primary culture using two-dimensional liquid chromatography.

Chlorinated benzenes cause concomitantly oxidative stress and induction of apoptotic markers in lung epithelial cells (A549) at nonacute toxic concentrations.

Human CYP2S1 metabolizes cyclooxygenase- and lipoxygenase-derived eicosanoids.

Aryl hydrocarbon receptor-mediated up-regulation of ATP-driven xenobiotic efflux transporters at the blood-brain barrier.

Detection of thyroid hormone receptor disruptors by a novel stable in vitro reporter gene assay.

Neural precursor cell proliferation is disrupted through activation of the aryl hydrocarbon receptor by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Regulation of benzo[a]pyrene-mediated DNA- and glutathione-adduct formation by 2,3,7,8-tetrachlorodibenzo-p-dioxin in human lung cells.

Human cytochrome P450 1A1 is a novel target gene of liver X receptor $\hat{\pm}$.

NTP toxicity studies of toxicity studies of 2,4-decadienal (CAS No. 25152-84-5) administered by gavage to F344/N Rats and B6C3F1 mice.

Dioxin furan blood lipid and attic dust concentrations in populations living near four wood treatment facilities in the United States.

DNA damage induced by shikonin in the presence of Cu(II) ions: potential mechanism of its activity to apoptotic cell death.

Metabolic response to low-level toxicant exposure in a novel renal tubule epithelial cell system.

Broad-range antagonistic rhizobacteria *Pseudomonas fluorescens* and *Serratia plymuthica* suppress *Agrobacterium* crown gall tumours on tomato plants.

\hat{I}^2 -dicarbonyl enolates: a new class of neuroprotectants.

In vivo and in vitro mixed-function oxygenase activity and vitellogenin induction in fish and in fish and rat liver cells by stilbenes isolated from scotch pine (*Pinus sylvestris*).

Calcium/calmodulin-dependent protein kinase IV involvement in the pathophysiology of glucotoxicity in rat pancreatic \hat{I}^2 -cells.

Prior exposure to organophosphorus and organochlorine pesticides increases the allergic potential of environmental chemical allergens in a local lymph node assay.

Paraquat induces cyclooxygenase-2 (COX-2) implicated toxicity in human neuroblastoma SH-SY5Y cells.

Variable toxicological response to the loss of OXPHOS through 1-methyl-4-phenylpyridinium-induced mitochondrial damage and anoxia in diverse neural immortal cell lines.

Identification of differential hepatic proteins in rare minnow (*Gobiocypris rarus*) exposed to pentachlorophenol (PCP) by proteomic analysis.

Sensitivity of lamprey ammocoetes to six chemicals.

Assessing the cancer risk associated with arsenic-contaminated seafood.

Role of autophagy in protection afforded by hypoxic preconditioning against MPP⁺-induced neurotoxicity in SH-SY5Y cells.

Identification of PDL-1 as a novel biomarker of sensitizer exposure in dendritic-like cells.

Areas with high soil percolation by herbicides have higher incidence of low-grade non-Hodgkin lymphomas.

Dietary olive oil effect on antioxidant status and fatty acid profile in the erythrocyte of 2,4-D- exposed rats.

Evaluation of diuron (3-[3,4-dichlorophenyl]-1,1-dimethyl urea) in a two-stage mouse skin carcinogenesis assay.

Paraquat exposure induces nuclear translocation of glyceraldehyde-3-phosphate dehydrogenase (GAPDH) and the activation of the nitric oxide-GAPDH-Siah cell death cascade.

An interesting case of iron deficiency anemia.

Self-reported exposure to pesticides in residential settings and risk of breast cancer: a case-control study.

Desmoplastic small round-cell tumor: an adult with previous exposure to agent orange.

Simvastatin attenuates acrolein-induced mucin production in rats: involvement of the Ras/extracellular signal-regulated kinase pathway.

Assessment of chemical effects on aromatase activity using the H295R cell line.

Activation of apoptosis signal-regulating kinase 1 is a key factor in paraquat-induced cell death: modulation by the Nrf2/Trx axis.

Atrazine affects kidney and adrenal hormones (AHs) related genes expressions of rare minnow (*Gobiocypris rarus*).

Mortality patterns of Army Chemical Corps veterans who were occupationally exposed to herbicides in Vietnam.

Mitochondrial uncoupling protein-2 (UCP2) mediates leptin protection against MPP⁺ toxicity in neuronal cells.

[Thyroid disruption induced by pentachlorophenol].

[Analysis of cardiac toxicity caused by cyclophosphamide in the H9c2 cell line and isolated and perfused rat hearts].

Urethral carcinoma and hyperplasia in male and female B6C3F1 mice treated with 3,3',4,4'-tetrachloroazobenzene (TCAB).

Cigarette smoke total particulate matter increases mucous secreting cell numbers in vitro: a potential model of goblet cell hyperplasia.

Studies on glyphosate-induced carcinogenicity in mouse skin: a proteomic approach.

Acrolein induces apoptosis through the death receptor pathway in A549 lung cells: role of p53.

Intermediate filament carbonylation during acute acrolein toxicity in A549 lung cells: functional consequences, chaperone redistribution, and protection by bisulfite.

Water-Soluble alpha,beta-unsaturated aldehydes of cigarette smoke induce carbonylation of human serum albumin.

Toxicity of smoke extracts towards A549 lung cells: role of acrolein and suppression by carbonyl scavengers.

Mitotic crossing-over induced by two commercial herbicides in diploid strains of the fungus *Aspergillus nidulans*.

Protective effects of *Forsythia suspensa* extract against oxidative stress induced by diquat in rats.

Molecular regulations induced by acrolein in neuroblastoma SK-N-SH cells: relevance to Alzheimer's disease.

Ovarian folliculogenesis: detrimental effect of prenatal exposure to cyclophosphamide: a preliminary study.

Tacrolimus modulates dendritic cell activation in the sensitization phase of allergic contact dermatitis.

Cytotoxicity and regenerative proliferation as the mode of action for diuron-induced urothelial carcinogenesis in the rat.

NF-kappaB mediates MPP+-induced apoptotic cell death in neuroblastoma cells SH-EP1 through JNK and c-Jun/AP-1.

Cause-specific mortality of Dutch chlorophenoxy herbicide manufacturing workers.

Oxidatively generated DNA damage induced by 3-amino-5-mercapto-1,2,4-triazole, a metabolite of carcinogenic amitrole.

Acetaminophen, via its reactive metabolite N-acetyl-p-benzo-quinoneimine and transient receptor potential ankyrin-1 stimulation, causes neurogenic inflammation in the airways and other tissues in rodents.

Polymorphisms in one-carbon metabolism pathway genes, urinary arsenic profile, and urothelial carcinoma.

DJ-1 as a modulator of autophagy: an hypothesis.

Influence of cinnamaldehyde on viral myocarditis in mice.

Cytotoxic effect of trans-cinnamaldehyde on human leukemia K562 cells.

Arsenic trioxide and ascorbic acid demonstrate promising activity against primary human CLL cells in vitro.

Bicyclic triterpenoid Iripallidal induces apoptosis and inhibits Akt/mTOR pathway in glioma cells.

Selective stimulation by cinnamaldehyde of progesterone secretion in human adrenal cells.

Ocotea quixos Lam. essential oil: in vitro and in vivo investigation on its anti-inflammatory properties.

Aqueous cinnamon extract (ACE-c) from the bark of *Cinnamomum cassia* causes apoptosis in human cervical cancer cell line (SiHa) through loss of mitochondrial membrane potential.

The cinnamon-derived dietary factor cinnamic aldehyde activates the Nrf2-dependent antioxidant response in human epithelial colon cells.

Lipid peroxidation product acrolein as a predictive biomarker of prostate carcinoma relapse after radical surgery.

[Effect of hepatocarcinogenicity of estragole on the glucocorticoid-mediated induction of liver-specific enzymes and the activity of the transcription factors FOXA and HNF4 in the liver of mouse and rat].

Potential effects of the herbicide Diuron on mammary and urinary bladder two-stage carcinogenesis in a female Swiss mouse model.

Robinetinidol-(4 β - \rightarrow 8)-epigallocatechin 3-O-gallate, a galloyl dimer prorobinetinidin from *Acacia mearnsii* De Wild, effectively protects human neuroblastoma SH-SY5Y cells against acrolein-induced oxidative damage.

Modulation of hydrogen peroxide and acrolein-induced oxidative stress, mitochondrial dysfunctions and redox regulated pathways by the *Bacopa monniera* extract: potential implication in Alzheimer's disease.

Cinnamaldehydes inhibit thioredoxin reductase and induce Nrf2: potential candidates for cancer therapy and chemoprevention.

Identification of euglenophycin--a toxin found in certain euglenoids.

Effects of repeated seafood consumption on urinary excretion of arsenic species by volunteers.

Composition, antimicrobial activity and in vitro cytotoxicity of essential oil from *Cinnamomum zeylanicum* Blume (Lauraceae).

Renal oxygenation suppresses VHL loss-induced senescence that is caused by increased sensitivity to oxidative stress.

Selective induction of catalase-mediated autophagy by dihydrocapsaicin in lung cell lines.

Developmental arrest of *Caenorhabditis elegans* BRAP-2 mutant exposed to oxidative stress is dependent on BRC-1.

SIRT1 promotes proliferation and prevents senescence through targeting LKB1 in primary porcine aortic endothelial cells.

Regulatory effect of cinnamaldehyde on monocyte/macrophage-mediated inflammatory responses.

High-throughput gene expression analysis of intestinal intraepithelial lymphocytes after oral feeding of carvacrol, cinnamaldehyde, or *Capsicum oleoresin*.

Inhibition of aryl hydrocarbon receptor-dependent transcription by resveratrol or kaempferol is independent of estrogen receptor \pm expression in human breast cancer cells.

Thyroid follicular lesions induced by oral treatment for 2 years with 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like compounds in female Harlan Sprague-Dawley rats.

A novel cell permeant peptide inhibitor of MAPKAP kinase II inhibits intimal hyperplasia in a human saphenous vein organ culture model.

Radiochemical synthesis, rodent biodistribution and tumor uptake, and dosimetry calculations of [^{14}C] methylated LY2181308.

[Inspect aging psoriasis patients minutely! Psoriasis or skin cancer?].

Functional analysis of six human aryl hydrocarbon receptor variants in human breast cancer and mouse hepatoma cell lines.

Dioxin toxicity in vivo results from an increase in the dioxin-independent transcriptional activity of the aryl hydrocarbon receptor.

Breast cancer stem-like cells are inhibited by a non-toxic aryl hydrocarbon receptor agonist.

Toxicology and carcinogenesis studies of 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (CAS No. 31508-00-6) in female harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 3,3',4,4'-tetrachloroazobenzene (TCAB) (CAS No. 14047-09-7) in Harlan Sprague-Dawley rats and B6C3F1 mice (gavage studies).

A cluster of inflammatory breast cancer (IBC) in an office setting: additional evidence of the importance of environmental factors in IBC etiology.

Body mass index, agricultural pesticide use, and cancer incidence in the Agricultural Health Study cohort.

Creation of a novel peptide with enhanced nuclear localization in prostate and pancreatic cancer cell lines.

Toxicogenomic analysis of exposure to TCDD, PCB126 and PCB153: identification of genomic biomarkers of exposure to AhR ligands.

hsa-miR-191 is a candidate oncogene target for hepatocellular carcinoma therapy.

The activated aryl hydrocarbon receptor synergizes mitogen-induced murine liver hyperplasia.

Arsenic-induced cell proliferation is associated with enhanced ROS generation, Erk signaling and CyclinA expression.

[Establishment of an erythroleukemia model in CB6F1 mice by transplant with haploidentical mouse leukemic cell line FBL-3].

Lymphocyte-based determination of susceptibility to malignant hyperthermia: a pilot study in swine.

Non-genomic action of TCDD to induce inflammatory responses in HepG2 human hepatoma cells and in liver of C57BL/6J mice.

Short course pre-operative ferrous sulphate supplementation--is it worthwhile in patients with colorectal cancer?

Facile synthesis of carbon-11-labeled cholesterol-based cationic lipids as new potential PET probes for imaging of gene delivery in cancer.

Food safety.

Anti-mutagenic and pro-apoptotic effects of apigenin on human chronic lymphocytic leukemia cells.

Manipulating tumor acidification as a cancer treatment strategy.

Resveratrol prevents epigenetic silencing of BRCA-1 by the aromatic hydrocarbon receptor in human breast cancer cells.

Flavin-containing monooxygenase-3: induction by 3-methylcholanthrene and complex regulation by xenobiotic chemicals in hepatoma cells and mouse liver.

Mechanistic insights into the events that lead to synergistic induction of interleukin 6 transcription upon activation of the aryl hydrocarbon receptor and inflammatory signaling.

Reactive oxygen species (ROS) reduce the expression of BRAK/CXCL14 in human head and neck squamous cell carcinoma cells.

Implication of TAp73 in the p53-independent pathway of Puma induction and Puma-dependent apoptosis in primary cortical neurons.

A review of pesticide exposure and cancer incidence in the Agricultural Health Study cohort.

Assisted ventilation modes reduce the expression of lung inflammatory and fibrogenic mediators in a model of mild acute lung injury.

Arsenic antagonizes the Hedgehog pathway by preventing ciliary accumulation and reducing stability of the Gli2 transcriptional effector.

[Chronic exposure to organochlorine compounds and health effects in adults: cancer, non-Hodgkin lymphoma. Review of literature].

Mammary carcinogen-protein binding potentials: novel and biologically relevant structure-activity relationship model descriptors.

2,3,7,8-Tetrachlorodibenzo-p-dioxin up-regulates stathmin 1 in the eye: suggestive evidence for the involvement of stathmin 1 in accelerated eye opening in mice induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The repressive effect of NF-kappaB on p53 by mot-2 is involved in human keratinocyte transformation induced by low levels of arsenite.

Functional properties of RYR1 mutations identified in Swedish patients with malignant hyperthermia and central core disease.

A pharmacokinetic and safety study of intravenous arsenic trioxide in adult cancer patients with renal impairment.

p52-Bcl3 complex promotes cyclin D1 expression in BEAS-2B cells in response to low concentration arsenite.

Epigallocatechin-3-gallate suppresses the expression of HSP70 and HSP90 and exhibits anti-tumor activity in vitro and in vivo.

Angiosarcoma: clinical and molecular insights.

Functional studies of RYR1 mutations in the skeletal muscle ryanodine receptor using human RYR1 complementary DNA.

2,3,7,8-tetrachlorodibenzo-p-dioxin counteracts the p53 response to a genotoxicant by upregulating expression of the metastasis marker agr2 in the hepatocarcinoma cell line HepG2.

2,3,7,8-tetrachlorodibenzo-p-dioxin impairs an insulin signaling pathway through the induction of tumor necrosis factor-alpha in adipocytes.

Deciphering diseases and biological targets for environmental chemicals using toxicogenomics networks.

Arsenic exposure in utero and nonepidermal proliferative response in adulthood in Tg.AC mice.

Cancer collusion? Dietary fat may modify dioxin-induced mammary cancer risk.

Maternal dioxin exposure combined with a diet high in fat increases mammary cancer incidence in mice.

Progesterone receptor membrane component 1 (Pgrmc1): a heme-1 domain protein that promotes tumorigenesis and is inhibited by a small molecule.

Disruption of CLOCK-BMAL1 transcriptional activity is responsible for aryl hydrocarbon receptor-mediated regulation of Period1 gene.

Kynurenic acid is a potent endogenous aryl hydrocarbon receptor ligand that synergistically induces interleukin-6 in the presence of inflammatory signaling.

N-aryltriazole ribonucleosides with potent antiproliferative activity against drug-resistant pancreatic cancer.

Differential regulation of the dioxin-induced Cyp1a1 and Cyp1b1 genes in mouse hepatoma and fibroblast cell lines.

Dietary administration of sodium arsenite to rats: relations between dose and urinary concentrations of methylated and thio-metabolites and effects on the rat urinary bladder epithelium.

Enhancement of TAT cell membrane penetration efficiency by dimethyl sulphoxide.

[Effects of rosiglitazone on the Hep-2 cell proliferation, cell cycle and COX-2 expression].

Cytotoxicity and utility of 1-indanone in the synthesis of some new heterocycles.

HBx targeting to mitochondria and ROS generation are necessary but insufficient for HBV-induced cyclooxygenase-2 expression.

A hospital-based case-control study of non-Hodgkin lymphoid neoplasms in Shanghai: analysis of environmental and occupational risk factors by subtypes of the WHO classification.

Activation of Hedgehog signaling by the environmental toxicant arsenic may contribute to the etiology of arsenic-induced tumors.

Ischemia induces regulator of G protein signaling 2 (RGS2) protein upregulation and enhances apoptosis in astrocytes.

Stabilization of transcription factor Nrf2 by tBHQ prevents oxidative stress-induced amyloid beta formation in NT2N neurons.

Speciation of arsenic trioxide penetrates into cerebrospinal fluid in patients with acute promyelocytic leukemia.

Chronic diseases and early exposure to airborne mixtures: Part III. Potential origin of pre-menopausal breast cancers.

Colon cancer chemopreventive activities of pomegranate ellagitannins and urolithins.

Suppression of p53 and p21CIP1/WAF1 reduces arsenite-induced aneuploidy.

beta-TrCP inhibition reduces prostate cancer cell growth via upregulation of the aryl hydrocarbon receptor.

Expression of CXCL10 in cultured cortical neurons.

Aryl hydrocarbon receptor regulates cell cycle progression in human breast cancer cells via a functional interaction with cyclin-dependent kinase 4.

Activation of the aryl hydrocarbon receptor pathway enhances cancer cell invasion by upregulating the MMP expression and is associated with poor prognosis in upper urinary tract urothelial cancer.

Toxic effects of lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on development of male reproductive system: involvement of antioxidants, oxidants, and p53 protein.

Re: False-positive results in cancer epidemiology: a plea for epistemological modesty.

Ischemia-activated microglia induces neuronal injury via activation of gp91phox NADPH oxidase.

[Neurodevelopmental disorders in response to hormonally active environmental pollutants].

Anti-mutagenic and anti-carcinogenic potential of the carotenoid meso-zeaxanthin.

No evidence of increased risk of soft tissue sarcomas in the neighborhood of a steel foundry in Verona.

Indian spice curcumin may be an effective strategy to combat the genotoxicity of arsenic in Swiss albino mice.

C-11 radiochemistry in cancer imaging applications.

Fluorescent silica nanoparticles for cancer imaging.

Function and expression of ATP-binding cassette transporters in cultured human Y79 retinoblastoma cells.

Aryl hydrocarbon receptor functions as a potent coactivator of E2F1-dependent transcription activity.

Abnormal regulation of chemokine TECK and its receptor CCR9 in the endometriotic milieu is involved in pathogenesis of endometriosis by way of enhancing invasiveness of endometrial stromal cells.

Molecular mechanisms of the physiological functions of the aryl hydrocarbon (dioxin) receptor, a multifunctional regulator that senses and responds to environmental stimuli.

Residential pesticides and childhood leukemia: a systematic review and meta-analysis.

Discrete time hazards models for occupational and environmental cohort analyses.

Receptor- and reactive intermediate-mediated mechanisms of teratogenesis.

RE: "Mortality rates among trichlorophenol workers with exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin".

Assessment of the cytotoxicity and genotoxicity of haloacetic acids using microplate-based cytotoxicity test and CHO/HGPRT gene mutation assay.

High-protein/high red meat and high-carbohydrate weight-loss diets do not differ in their effect on faecal water genotoxicity tested by use of the WIL2-NS cell line and with other biomarkers of bowel health.

Screening level assessment of risks due to dioxin emissions from burning oil from the BP Deepwater Horizon Gulf of Mexico spill.

Mercury modulates the CYP1A1 at transcriptional and posttranslational levels in human hepatoma HepG2 cells.

Evidence supporting a role for N-(3-formyl-3,4-dehydropiperidino)lysine accumulation in Müller glia dysfunction and death in diabetic retinopathy.

The malondialdehyde-derived fluorophore DHP-lysine is a potent sensitizer of UVA-induced photooxidative stress in human skin cells.

Dioxins and human toxicity.

Effects of the compounds MV8608 and MV8612 obtained from *Mandevilla velutina* in the model of hemorrhagic cystitis induced by cyclophosphamide in rats.

Detoxifying carcinogenic polyhalogenated quinones by hydroxamic acids via an unusual double Lossen rearrangement mechanism.

Multiphoton-absorption-induced-luminescence (MAIL) imaging of tumor-targeted gold nanoparticles.

Evaluation of a bioluminescent mouse model expressing aromatase PII-promoter-controlled luciferase as a tool for the study of endocrine disrupting chemicals.

Radioiodinated 4-iodo-L-meta-tyrosine, a system L selective artificial amino acid: molecular design and transport characterization in Chinese hamster ovary cells (CHO-K1 cells).

Alkylation of the tumor suppressor PTEN activates Akt and β -catenin signaling: a mechanism linking inflammation and oxidative stress with cancer.

Dietary intake of persistent organic pollutants and potential health risks via consumption of global aquatic products.

Evaluation of the genotoxicity of 10 selected dietary/environmental compounds with the in vitro micronucleus cytokinesis-block assay in an interlaboratory comparison.

Metabolic bioactivation of oestradiol-17beta (E2beta) in mouse colon epithelial cells bearing ApcMin mutation.

Transcriptional and posttranscriptional regulation of CYP1A1 by vanadium in human hepatoma HepG2 cells.

Transcription of the Epstein-Barr virus lytic cycle activator BZLF-1 during oxidative stress induction.

An efficient one-pot synthesis of heterocycle-fused 1,2,3-triazole derivatives as anti-cancer agents.

Inhibition of in vitro cytokine production by human peripheral blood mononuclear cells treated with xenobiotics: implications for the prediction of general toxicity and immunotoxicity.

Involvement of aryl hydrocarbon receptor in basal and 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced expression of target genes in primary human hepatocytes.

A system-level investigation into the cellular toxic response mechanism mediated by AhR signal transduction pathway.

Modulation of NAD(P)H:quinone oxidoreductase by vanadium in human hepatoma HepG2 cells.

AhR-agonistic, anti-androgenic, and anti-estrogenic potencies of 2-isopropylthioxanthone (ITX) as determined by in vitro bioassays and gene expression profiling.

Outcomes after radical prostatectomy among men who are candidates for active surveillance: results from the SEARCH database.

Regulation of the human CHOP gene promoter by the stress response transcription factor ATF5 via the AARE1 site in human hepatoma HepG2 cells.

Cytoprotective effects of silymarin on epithelial cells against arsenic-induced apoptosis in contrast with quercetin cytotoxicity.

Inhibition of connexin 43 gap junction channels by the endocrine disruptor ioxynil.

Aryl hydrocarbon receptor is a transcriptional activator of the human breast cancer resistance protein (BCRP/ABCG2).

Cell viability and PSA secretion assays in LNCaP cells: a tiered in vitro approach to screen chemicals with a prostate-mediated effect on male reproduction within the ReProTect project.

In vitro propagation of an endangered medicinal herb *Chlorophytum borivillianum* Sant. et Fernand. through somatic embryogenesis.

Transcriptional regulation of bone sialoprotein gene by *Porphyromonas gingivalis* lipopolysaccharide.

Association between As and Cu renal cortex accumulation and physiological and histological alterations after chronic arsenic intake.

Arsenic species, AS3MT amount, and AS3MT gene expression in different brain regions of mouse exposed to arsenite.

Cellular uptake, subcellular distribution and toxicity of arsenic compounds in methylating and non-methylating cells.

Low-dose synergistic immunosuppression of T-dependent antibody responses by polycyclic aromatic hydrocarbons and arsenic in C57BL/6J murine spleen cells.

Role for tyrosine kinases in contraction of rat penile small arteries.

Multiple protective functions of catalase against intercellular apoptosis-inducing ROS signaling of human tumor cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptosis in neural growth factor (NGF)-differentiated pheochromocytoma PC12 cells.

1-(3',5'-dihydroxyphenoxy)-7-(2'',4'',6-trihydroxyphenoxy)-2,4,9-trihydroxydibenzo-1,4-dioxin inhibits adipocyte differentiation of 3T3-L1 fibroblasts.

Inhibition of poly (ADP-Ribose) polymerase-1 in telomerase deficient mouse embryonic fibroblasts increases arsenite-induced genome instability.

Estrogenic activity of coumestrol, DDT, and TCDD in human cervical cancer cells.

Elevated levels of volatile organic carcinogen and toxicant biomarkers in Chinese women who regularly cook at home.

Evaluation of a liver micronucleus assay in young rats (III): a study using nine hepatotoxicants by the Collaborative Study Group for the Micronucleus Test (CSGMT)/Japanese Environmental Mutagen Society (JEMS)-Mammalian Mutagenicity Study Group (MMS).

Hemorrhagic cystitis in a patient receiving docetaxel for prostate cancer.

Dioxin-like activity in the blood of Greenlandic Inuit and Danish women: a pilot study.

A remarkable new target gene for the dioxin receptor: The Vav3 proto-oncogene links AhR to adhesion and migration.

Induction of GST-P-positive proliferative lesions facilitating lipid peroxidation with possible involvement of transferrin receptor up-regulation and ceruloplasmin down-regulation from the early stage of liver tumor promotion in rats.

A critical role of SNF1A/dAMPKalpha (Drosophila AMP-activated protein kinase alpha) in muscle on longevity and stress resistance in *Drosophila melanogaster*.

Spatial variation in ambient air toxics concentrations and health risks between industrial-influenced, urban, and rural sites.

Effect of paraquat-induced oxidative stress on insulin regulation of insulin-like growth factor-binding protein-1 gene expression.

The selective beta1-adrenoceptor antagonist nebivolol is a potential oestrogen receptor agonist with neuroprotective abilities.

High frequency of fumigants and other toxic gases in imported freight containers--an underestimated occupational and community health risk.

Interaction between oxidative stress sensor Nrf2 and xenobiotic-activated aryl hydrocarbon receptor in the regulation of the human phase II detoxifying UDP-glucuronosyltransferase 1A10.

Effects of dioxin isomers on induction of AhRs and CYP1A1 in early developmental stage embryos of medaka (*Oryzias latipes*).

Heparan sulfation-dependent fibroblast growth factor signaling maintains embryonic stem cells primed for differentiation in a heterogeneous state.

Gender-linked haematopoietic and metabolic disturbances induced by a pesticide mixture administered at low dose to mice.

The effect of multigenerational diet containing genetically modified triticale on immune system in mice.

Comparison of carcinogen, carbon monoxide, and ultrafine particle emissions from narghile waterpipe and cigarette smoking: Sidestream smoke measurements and assessment of second-hand smoke emission factors.

Mutagenic activities of a chlorination by-product of butamifos, its structural isomer, and their related compounds.

Distinct regulation of insulin receptor substrate-1 and -2 by 90-kDa heat-shock protein in adrenal chromaffin cells.

Human cytochrome P450 2E1 and sulfotransferase 1A1 coexpressed in Chinese hamster V79 cells enhance spontaneous mutagenesis.

Intake and potential health risk of polycyclic aromatic hydrocarbons associated with seafood consumption in Korea from 2005 to 2007.

Paraquat activates the IRE1/ASK1/JNK cascade associated with apoptosis in human neuroblastoma SH-SY5Y cells.

Trivalent dimethylarsenic compound induces histone H3 phosphorylation and abnormal localization of Aurora B kinase in HepG2 cells.

Simultaneous quantification of 1,N2-propano-2'-deoxyguanosine adducts derived from acrolein and crotonaldehyde in human placenta and leukocytes by isotope dilution nanoflow LC nanospray ionization tandem mass spectrometry.

Arsenate and dimethylarsinic acid in drinking water did not affect DNA damage repair in urinary bladder transitional cells or micronuclei in bone marrow.

Case-control study on risk factors for leukaemia and brain tumours in children under 5 years in Germany.

Alteration of NRSF expression exacerbating 1-methyl-4-phenyl-pyridinium ion-induced cell death of SH-SY5Y cells.

Cruciferous nutraceutical 3H-1,2-dithiole-3-thione protects human primary astrocytes against neurocytotoxicity elicited by MPTP, MPP(+), 6-OHDA, HNE and acrolein.

The one stop shop: chemical causes and cures for cancer.

Comparative DNA microarray analysis of human monocyte derived dendritic cells and MUTZ-3 cells exposed to the moderate skin sensitizer cinnamaldehyde.

p38 MAPK and MMP-9 cooperatively regulate mucus overproduction in mice exposed to acrolein fog.

Role of NKX2-1 in N-bis(2-hydroxypropyl)-nitrosamine-induced thyroid adenoma in mice.

Impact of glyphosate on the development, fertility and demography of *Chrysoperla externa* (Neuroptera: Chrysopidae): ecological approach.

Pathogenic stimulation of intestinal stem cell response in *Drosophila*.

Arsenite and its metabolites, MMA(III) and DMA(III), modify CYP3A4, PXR and RXR alpha expression in the small intestine of CYP3A4 transgenic mice.

Inflammatory priming of the substantia nigra influences the impact of later paraquat exposure: Neuroimmune sensitization of neurodegeneration.

Glyphosate-based herbicides are toxic and endocrine disruptors in human cell lines.

Mortality rates among trichlorophenol workers with exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Changes of cytokine and nuclear factor-kappa B in acute paraquat poisoned rats].

Nitric oxide-mediated toxicity in paraquat-exposed SH-SY5Y cells: a protective role of 7-nitroindazole.

Evidence for toxicity differences between inorganic arsenite and thioarsenicals in human bladder cancer cells.

Agent Orange exposure, Vietnam war veterans, and the risk of prostate cancer.

Cancer incidence among paraquat exposed applicators in the agricultural health study: prospective cohort study.

Effects of co-administration of dietary sodium arsenite and an NADPH oxidase inhibitor on the rat bladder epithelium.

Influence of 70 nm silica particles in mice with cisplatin or paraquat-induced toxicity.

[Effects of ulinastatin to pro-inflammatory mediators in rats with acute paraquat intoxication].

Effects of an epidermal growth factor receptor inhibitor on arsenic associated toxicity in the rat bladder epithelium.

Potential mechanism for pentachlorophenol-induced carcinogenicity: a novel mechanism for metal-independent production of hydroxyl radicals.

Dimethylarsinic acid in drinking water changed the morphology of urinary bladder but not the expression of DNA repair genes of bladder transitional epithelium in F344 rats.

Occupational exposure to metribuzin and the incidence of cancer in the Agricultural Health Study.

[Dimethylarsinous acid-promoted skin tumorigenesis through the induction of oxidative stress in mice].

Evaluation of pathways involved in pentachlorophenol-induced apoptosis in rat neurons.

Acrolein-derived DNA adduct formation in human colon cancer cells: its role in apoptosis induction by docosahexaenoic acid.

Exposure to Agent Orange is a significant predictor of prostate-specific antigen (PSA)-based recurrence and a rapid PSA doubling time after radical prostatectomy.

Glutathione-S-transferase P protects against endothelial dysfunction induced by exposure to tobacco smoke.

Occupational exposure to pesticides and lymphoid neoplasms among men: results of a French case-control study.

The antioxidant glutathione in the fish cell lines EPC and BCF-2: response to model pro-oxidants as measured by three different fluorescent dyes.

Mutagenicity and sequence specificity of acrolein-DNA adducts.

[Expression of inflammatory factors in lung tissue of acute paraquat poisoned rats].

Heterocyclic aromatic amine pesticide use and human cancer risk: results from the U.S. Agricultural Health Study.

Genotoxicity of AMPA, the environmental metabolite of glyphosate, assessed by the Comet assay and cytogenetic tests.

Leaf anatomy and morphometry in three eucalypt clones treated with glyphosate.

Arsenite and its mono- and dimethylated trivalent metabolites enhance the formation of benzo[a]pyrene diol epoxide-DNA adducts in Xeroderma pigmentosum complementation group A cells.

Serum dioxin levels in former New Zealand sawmill workers twenty years after exposure to pentachlorophenol (PCP) ceased.

Acrolein toxicity: Comparison with reactive oxygen species.

Systematic review and meta-analysis of mortality in crop protection product manufacturing workers.

Upregulation of cellular glutathione by 3H-1,2-dithiole-3-thione as a possible treatment strategy for protecting against acrolein-induced neurocytotoxicity.

Involvement of ubiquitin proteasome system in protective mechanisms of Puerarin to MPP(+)-elicited apoptosis.

Growth arrest and DNA damage protein 45b (Gadd45b) protects retinal ganglion cells from injuries.

Prostate cancer control and survival in Vietnam veterans exposed to Agent Orange.

Effects of the endocrine disruptors atrazine and PCB 153 on the protein expression of MCF-7 human cells.

Modulation of intercellular ROS signaling of human tumor cells.

Increased sensitivity of glutathione S-transferase P-null mice to cyclophosphamide-induced urinary bladder toxicity.

Mortality rates among workers exposed to dioxins in the manufacture of pentachlorophenol.

4-Methoxycinnamaldehyde inhibited human respiratory syncytial virus in a human larynx carcinoma cell line.

The effects of N-acetyl cysteine, buthionine sulfoximine, diethyldithiocarbamate or 3-amino-1,2,4-triazole on antimycin A-treated Calu-6 lung cells in relation to cell growth, reactive oxygen species and glutathione.

Acrolein, a ubiquitous pollutant and lipid hydroperoxide product, inhibits antiviral activity of interferon-alpha: relevance to hepatitis C.

Rosiglitazone, a peroxisome proliferator-activated receptor-gamma agonist, attenuates acrolein-induced airway mucus hypersecretion in rats.

Comparison of rat olfactory mucosal responses to carcinogenic and non-carcinogenic chloracetanilides.

Silencing DJ-1 reveals its contribution in paraquat-induced autophagy.

Effect of sildenafil on acrolein-induced airway inflammation and mucus production in rats.

Comparison of sensitivity to arsenic compounds between a Bhas 42 cell transformation assay and a BALB/c 3T3 cell transformation assay.

Mutations in the *C. elegans* succinate dehydrogenase iron-sulfur subunit promote superoxide generation and premature aging.

The cinnamon-derived Michael acceptor cinnamic aldehyde impairs melanoma cell proliferation, invasiveness, and tumor growth.

Okadaic acid protects human neuroblastoma SH-SY5Y cells from 1-methyl-4-phenylpyridinium ion-induced apoptosis.

2'-Benzoyloxycinnamaldehyde inhibits tumor growth in H-ras12V transgenic mice via downregulation of metallothionein.

Arsenic methylation capability, myeloperoxidase and sulfotransferase genetic polymorphisms, and the stage and grade of urothelial carcinoma.

Changes in urinary arsenic methylation profiles in a 15-year interval after cessation of arsenic ingestion in southwest Taiwan.

Transport and metabolism of the antitumour drug candidate 2'-benzoyloxycinnamaldehyde in Caco-2 cells.

Influence of cobalamin on arsenic metabolism in Bangladesh.

1-Cyano-2,3-epithiopropene is a novel plant-derived chemopreventive agent which induces cytoprotective genes that afford resistance against the genotoxic alpha,beta-unsaturated aldehyde acrolein.

Protective mechanism of quercetin and rutin using glutathione metabolism on HO-induced oxidative stress in HepG2 cells.

Spice active principles as the inhibitors of human platelet aggregation and thromboxane biosynthesis.

The role of p38b MAPK in age-related modulation of intestinal stem cell proliferation and differentiation in Drosophila.

Protective effect of montelukast on paraquat-induced lung toxicity in rats.

Plasma pharmacokinetics and metabolism of the antitumour drug candidate 2'-benzoyloxycinnamaldehyde in rats.

Prolonged recruitment manoeuvre improves lung function with less ultrastructural damage in experimental mild acute lung injury.

Transcriptional changes associated with reduced spontaneous liver tumor incidence in mice chronically exposed to high dose arsenic.

Requirement of arsenic biomethylation for oxidative DNA damage.

Arsenic methylation, oxidative stress and cancer--is there a link?

Non-dioxin-like-PCBs phosphorylate Mdm2 at Ser166 and attenuate the p53 response in HepG2 cells.

Antioxidant activity of mangostin in cell-free system and its effect on K562 leukemia cell line in photodynamic therapy.

Reproductive lesions in female Harlan Sprague-Dawley rats following two-year oral treatment with dioxin and dioxin-like compounds.

Hypoxia and the metabolic phenotype of prostate cancer cells.

Effects of pomegranate chemical constituents/intestinal microbial metabolites on CYP1B1 in 22Rv1 prostate cancer cells.

Inflammatory and chloracne-like skin lesions in B6C3F1 mice exposed to 3,3',4,4'-tetrachloroazobenzene for 2 years.

Amended safety assessment of sodium picramate and picramic acid.

Initial report of a family registry of multiple myeloma.

Polymorphisms in arsenic metabolism genes, urinary arsenic methylation profile and cancer.

The inhibition effect of 2,3,7,8-tetrachlorinated dibenzo-p-dioxin-induced aryl hydrocarbon receptor activation in human hepatoma cells with the treatment of cadmium chloride.

A systematic review and meta-analysis of childhood leukemia and parental occupational pesticide exposure.

Aryl hydrocarbon receptor-mediated induction of the cytosolic phospholipase A(2)alpha gene by 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse hepatoma Hepa-1c1c7 cells.

Cross-talk between transcription factors AhR and Nrf2: lessons for cancer chemoprevention from dioxin.

Cancer incidence among pesticide applicators exposed to butylate in the Agricultural Health Study (AHS).

Comparative hepatotoxicity and clastogenicity of sodium arsenite and three petroleum products in experimental Swiss Albino Mice: the modulatory effects of Aloe vera gel.

Nrf2 protects against As(III)-induced damage in mouse liver and bladder.

CD147 silencing inhibits lactate transport and reduces malignant potential of pancreatic cancer cells in in vivo and in vitro models.

Cancer incidence in the population exposed to dioxin after the "Seveso accident": twenty years of follow-up.

Dioxin receptor deficiency impairs angiogenesis by a mechanism involving VEGF-A depletion in the endothelium and transforming growth factor-beta overexpression in the stroma.

Mortality in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin at a trichlorophenol plant in New Zealand.

Expression of chloride channels in trachea-occluded hyperplastic lungs and nitrofen-induced hypoplastic lungs in rats.

Rapid inhibition of ongoing DNA synthesis in human glioma tissue by genistein.

Mechanisms of non-genotoxic carcinogens and importance of a weight of evidence approach.

Inhibition of UV-C light-induced apoptosis in liver cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The aryl hydrocarbon receptor as a target for estrogen receptor-negative breast cancer chemotherapy.

Differential cytotoxic effects of arsenic compounds in human acute promyelocytic leukemia cells.

Impact of life stage and duration of exposure on arsenic-induced proliferative lesions and neoplasia in C3H mice.

Autologous melanoma vaccine induces antitumor and self-reactive immune responses that affect patient survival and depend on MHC class II expression on vaccine cells.

TCDD mediates inhibition of p53 and activation of ERalpha signaling in MCF-7 cells at moderate hypoxic conditions.

Arsenite enhances the benzo[a]pyrene diol epoxide (BPDE)-induced mutagenesis with no marked effect on repair of BPDE-DNA adducts in human lung cells.

Synthesis and preclinical evaluation of [(11)C]PAQ as a PET imaging tracer for VEGFR-2.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) inhibits neurite outgrowth in differentiating human SH-SY5Y neuroblastoma cells.

Aryl hydrocarbon receptor inhibition downregulates the TGF-beta/Smad pathway in human glioblastoma cells.

In vitro evaluation of ferrihydrite as an enterosorbent for arsenic from contaminated drinking water.

Characterization of MCF mammary epithelial cells overexpressing the Arylhydrocarbon receptor (AhR).

Induction of apoptosis by phloroglucinol derivative from Ecklonia Cava in MCF-7 human breast cancer cells.

Determination of boron distribution in rat's brain, kidney and liver.

Protection of bleomycin-induced fibrosis and inflammation by taurine.

Taurine protects rat testes against NaAsO(2)-induced oxidative stress and apoptosis via mitochondrial dependent and independent pathways.

Melatonin reduces acute lung injury in endotoxemic rats.

The anticancer activity of lytic peptides is inhibited by heparan sulfate on the surface of the tumor cells.

Metal interference on luciferase activity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in bioassays of recombinant mouse hepatoma cells.

Effect of dioxins on regulation of tyrosine hydroxylase gene expression by aryl hydrocarbon receptor: a neurotoxicology study.

[Model establishment of liver fibrosis in oral arsenic solution exposed mice].

Phytochemical, antibacterial, antiproliferative, and antioxidant potentials and DNA damage-protecting activity of *Acacia salicina* extracts.

Residential exposure to polychlorinated biphenyls and organochlorine pesticides and risk of childhood leukemia.

Parental exposure to pesticides and childhood brain cancer: U.S. Atlantic coast childhood brain cancer study.

Estrogen receptor subtype- and promoter-specific modulation of aryl hydrocarbon receptor-dependent transcription.

Mortality in employees at a New Zealand agrochemical manufacturing site.

Arsenic activates EGFR pathway signaling in the lung.

Dexamethasone enhances basal and TNF-alpha-stimulated production of PAI-1 via the glucocorticoid receptor regardless of 11beta-hydroxysteroid dehydrogenase 2 status in human proximal renal tubular cells.

Influence of aryl hydrocarbon- (Ah) receptor and genotoxins on DNA repair gene expression and cell survival of mouse hepatoma cells.

Differentiation of human osteosarcoma cells by isolated phlorotannins is subtly linked to COX-2, iNOS, MMPs, and MAPK signaling: implication for chronic articular disease.

Src supports UDP-glucuronosyltransferase-2B7 detoxification of catechol estrogens associated with breast cancer.

Agricultural pesticide use and pancreatic cancer risk in the Agricultural Health Study Cohort.

Ethnicity and incidence of Hodgkin lymphoma in Canadian population.

Suppression of cytochrome P450 1A1 expression induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse hepatoma hepa-1c1c7 cells treated with serum of (-)-epigallocatechin-3-gallate- and green tea extract-administered rats.

Prospective study of chemical exposures and amyotrophic lateral sclerosis.

Effects of omega-3 fatty acids on components of the transforming growth factor beta-1 pathway: implication for dietary modification and prevention in ovarian cancer.

Structure-effect relationship in the down-regulation of glutaminase in cultured human cells by phenylarsenic compounds.

Dimethylarsine likely acts as a mouse-pulmonary tumor initiator via the production of dimethylarsine radical and/or its peroxy radical.

Dimethylarsine likely acts as a mouse-pulmonary tumor initiator via the production of dimethylarsine radical and/or its peroxy radical.

Deleting Ku70 is milder than deleting Ku80 in p53-mutant mice and cells.

Aryl hydrocarbon receptor pathway activation enhances gastric cancer cell invasiveness likely through a c-Jun-dependent induction of matrix metalloproteinase-9.

Potential therapeutic significance of increased expression of aryl hydrocarbon receptor in human gastric cancer.

[An improved BALB/c 3T3 cell transformation assay and its application in the cocarcinogenesis study].

Estrogen and TCDD influence RLN2 gene activity in estrogen receptor-positive human breast cancer cells.

Effects of nickel, chromate, and arsenite on histone 3 lysine methylation.

CYP1B1, but not CYP1A1, is downregulated by promoter methylation in colorectal cancers.

Functional characterization of ryanodine receptor (RYR1) sequence variants using a metabolic assay in immortalized B-lymphocytes.

Sodium arsenite induces ROS generation, DNA oxidative damage, HO-1 and c-Myc proteins, NF-kappaB activation and cell proliferation in human breast cancer MCF-7 cells.

Carcinogenesis studies of cresols in rats and mice.

The soluble nickel component of residual oil fly ash alters pulmonary host defense in rats.

A biological hazard of our age: bracken fern [*Pteridium aquilinum* (L.) Kuhn]--a review.

Repression of activated aryl hydrocarbon receptor-induced transcriptional activation by 5alpha-dihydrotestosterone in human prostate cancer LNCaP and human breast cancer T47D cells.

Toxic and chemopreventive ligands preferentially activate distinct aryl hydrocarbon receptor pathways: implications for cancer prevention.

Characterization of the pattern of the nongenomic signaling pathway through which TCDD-induces early inflammatory responses in U937 human macrophages.

Inhibition of androgen receptor transcriptional activity as a novel mechanism of action of arsenic.

Tumor promoting and co-carcinogenic effects in medium-term rat hepatocarcinogenesis are not modified by co-administration of 12 pesticides in mixture at acceptable daily intake.

Regulation of gap junctional intercellular communication by TCDD in HMEC and MCF-7 breast cancer cells.

Selection of cytotoxicity markers for the screening of new chemical entities in a pharmaceutical context: a preliminary study using a multiplexing approach.

Development of a GIS-based indicator for environmental pesticide exposure and its application to a Belgian case-control study on bladder cancer.

Cytotoxicity and gene expression profiling of two hydroxylated polybrominated diphenyl ethers in human H295R adrenocortical carcinoma cells.

Activation of the aryl hydrocarbon receptor by TCDD inhibits senescence: a tumor promoting event?

A new cross-talk between the aryl hydrocarbon receptor and RelB, a member of the NF-kappaB family.

A novel strategy utilizing ultrasound for antigen delivery in dendritic cell-based cancer immunotherapy.

Bioactivation of the phytoestrogen diosmetin by CYP1 cytochromes P450.

Positron emission tomography (PET) imaging with [11C]-labeled erlotinib: a micro-PET study on mice with lung tumor xenografts.

Cytotoxicity and phytotoxicity of trichothecene macrolides from *Myrothecium gramminum*.

A stable and sensitive testing system for potential carcinogens based on DNA damage-induced gene expression in human HepG2 cell.

Identification of tumor promotion marker genes for predicting tumor promoting potential of chemicals in BALB/c 3T3 cells.

TCDD induces cell migration via NFATc1/ATX-signaling in MCF-7 cells.

2,3,7,8-TCDD neurotoxicity in neuroblastoma cells is caused by increased oxidative stress, intracellular calcium levels, and tau phosphorylation.

Functional analysis of ryanodine receptor type 1 p.R2508C mutation in exon 47.

Effects of arsenic on maternal and fetal health.

Clastogenic effects of inorganic arsenic salts on human chromosomes in vitro.

Menadione reduction by pharmacological doses of ascorbate induces an oxidative stress that kills breast cancer cells.

Oral carcinogenicity and toxicity of 2-amino-4-chlorophenol in rats.

Silencing of PINK1 expression affects mitochondrial DNA and oxidative phosphorylation in dopaminergic cells.

Thyroid lesions in the great cormorant (*Phalacrocorax carbo*) of Niigata, central Japan: a possible association with dioxin accumulation.

Arsenic induced apoptosis in malignant melanoma cells is enhanced by menadione through ROS generation, p38 signaling and p53 activation.

Targeting of aryl hydrocarbon receptor-mediated activation of cyclooxygenase-2 expression by the indole-3-carbinol metabolite 3,3'-diindolylmethane in breast cancer cells.

Speciation of arsenic trioxide metabolites in blood cells and plasma of a patient with acute promyelocytic leukemia.

Roles of coactivator proteins in dioxin induction of CYP1A1 and CYP1B1 in human breast cancer cells.

Mouse breast cancer model-dependent changes in metabolic syndrome-associated phenotypes caused by maternal dioxin exposure and dietary fat.

Assessment of human health risks posed by consumption of fish from the Lower Passaic River, New Jersey.

CYP1A1 and CYP3A4 modulation by dietary flavonoids in human intestinal Caco-2 cells.

Fetal arsenic exposure appears to facilitate endocrine disruption by postnatal diethylstilbestrol in neonatal mouse adrenal.

Biologically active tetranorditerpenoids from the fungus *Sclerotinia homoeocarpa* causal agent of dollar spot in turfgrass.

Heparan sulfate proteoglycans are required for cellular binding of the hepatitis E virus ORF2 capsid protein and for viral infection.

The pleiotropy of dioxin toxicity--xenobiotic misappropriation of the aryl hydrocarbon receptor's alternative physiological roles.

Estimates of cancer potency of 2,3,7,8-tetrachlorodibenzo(p)dioxin using linear and nonlinear dose-response modeling and toxicokinetics.

Modulation of arsenic trioxide-induced apoptosis by genistein and functionally related agents in U937 human leukaemia cells. Regulation by ROS and mitogen-activated protein kinases.

Oxidative stress responses of rats exposed to Roundup and its active ingredient glyphosate.

The inducibility of human cytochrome P450 1A by environmental-relevant xenobiotics in the human hepatoma derived cell line HepG2.

Pseudo-halide derivatives of titanocene: synthesis and cytotoxicity studies.

Hemangiomas, angiosarcomas, and vascular malformations represent the signaling abnormalities of pathogenic angiogenesis.

Transepithelial transport of macromolecular substances in IL-4 treated human intestinal T84 cell monolayers.

The role of P-glycoprotein in intestinal transport versus the BBB transport of tetraphenylphosphonium.

Beta-naphthoflavone causes an AhR-independent inhibition of invasion and intracellular multiplication of *Listeria monocytogenes* in murine hepatocytes.

A genome-wide screen in *Saccharomyces cerevisiae* reveals pathways affected by arsenic toxicity.

Histological lesions in mink jaws are a highly sensitive biomarker of effect after exposure to TCDD-like chemicals: field and literature-based confirmations.

Changes in iron-regulatory proteins in the aged rodent neural retina.

Synthesis, photophysical properties and sugar-dependent in vitro photocytotoxicity of pyrrolidine-fused chlorins bearing S-glycosides.

Acacia Senegal gum exudate offers protection against cyclophosphamide-induced urinary bladder cytotoxicity.

Inhibitory effects of guarana seed extract on passive cutaneous anaphylaxis and mast cell degranulation.

Cytotoxicity of spermine oxidation products to multidrug resistant melanoma M14 ADR2 cells: sensitization by the MDL 72527 lysosomotropic compound.

Characterization of the cancer chemopreventive NRF2-dependent gene battery in human keratinocytes: demonstration that the KEAP1-NRF2 pathway, and not the BACH1-NRF2 pathway, controls cytoprotection against electrophiles as well as redox-cycling compounds.

Gene expression analysis in zebrafish embryos: a potential approach to predict effect concentrations in the fish early life stage test.

Specific in vitro toxicity of crude and refined petroleum products. 1. Aryl hydrocarbon receptor-mediated responses.

Light-induced aggregation of type I soluble tumor necrosis factor receptor.

Preclinical activity of palifosfamide lysine (ZIO-201) in pediatric sarcomas including oxazaphosphorine-resistant osteosarcoma.

Endoplasmic reticulum stress-induced cell death in dopaminergic cells: effect of resveratrol.

Chronic low-level arsenic exposure causes gender-specific alterations in locomotor activity, dopaminergic systems, and thioredoxin expression in mice.

Exposure to monomethylarsonous acid (MMA(III)) leads to altered selenoprotein synthesis in a primary human lung cell model.

Dehydroascorbate protection against dioxin-induced toxicity in the beta-cell line INS-1E.

[Dietary intake of PHAHs and cancer risk evaluation for residents living in the e-waste disassembly sites].

Modulation of carcinogen metabolism by nitric oxide-aspirin 2 is associated with suppression of DNA damage and DNA adduct formation.

Interaction of fish aryl hydrocarbon receptor paralogs (AHR1 and AHR2) with the retinoblastoma protein.

Isocombretastatins a versus combretastatins a: the forgotten isoCA-4 isomer as a highly promising cytotoxic and antitubulin agent.

The role of aryl hydrocarbon receptor in regulation of enzymes involved in metabolic activation of polycyclic aromatic hydrocarbons in a model of rat liver progenitor cells.

Biotechnological and industrial significance of cyanobacterial secondary metabolites.

Arsenic induces telomerase expression and maintains telomere length in human cord blood cells.

2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) induces degradation of adherens junction proteins and inhibits beta-catenin-dependent transcription in liver epithelial cells.

The molecular mechanisms of diallyl disulfide and diallyl sulfide induced hepatocyte cytotoxicity.

Pediocin A modulates intestinal microflora metabolism in swine in vitro intestinal fermentations.

Solvothermal metal azide decomposition routes to nanocrystalline metastable nickel, iron, and manganese nitrides.

Disruption of the thyroid system by diethylstilbestrol and ioxynil in the sea bream (*Sparus aurata*).

Iodomethane human health risk characterization.

Characterization of the chronic risk and hazard of hazardous air pollutants in the United States using ambient monitoring data.

Intestinal permeability of antitumor alkaloids from the processed seeds of *Strychnos nux-vomica* in a Caco-2 cell model.

Non-carcinogenic carbon sorbents for respiratory protection.

Regulation of human bone sialoprotein gene transcription by platelet-derived growth factor-BB.

Role of aryl hydrocarbon receptor in modulation of the expression of the hypoxia marker carbonic anhydrase IX.

Correlation between hepatocarcinogenic effect of estragole and its influence on glucocorticoid induction of liver-specific enzymes and activities of FOXA and HNF4 transcription factors in mouse and rat liver.

Influence of inorganic and organic iron compounds on parameters of cell growth and survival in human colon cells.

Effects of smoking cessation on eight urinary tobacco carcinogen and toxicant biomarkers.

Involvement of Blimp-1 and AP-1 dysregulation in the 2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated suppression of the IgM response by B cells.

Activated toxicity of diesel particulate extract by ultraviolet a radiation in mammalian cells: role of singlet oxygen.

Genotoxic effect of 2,4,6-trichlorophenol on p53 gene in zebrafish liver.

Functional ryanodine receptors in the plasma membrane of RINm5F pancreatic beta-cells.

CYP1A1 induction and CYP3A4 inhibition by the fungicide imazalil in the human intestinal Caco-2 cells-comparison with other conazole pesticides.

Levels of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in southern Mississippi catfish and estimation of potential health risks.

Disruption of period gene expression alters the inductive effects of dioxin on the AhR signaling pathway in the mouse liver.

New ifosfamide analogs designed for lower associated neurotoxicity and nephrotoxicity with modified alkylating kinetics leading to enhanced in vitro anticancer activity.

Paclitaxel-resistance conferred by altered expression of efflux and influx transporters for paclitaxel in the human hepatoma cell line, HepG2.

Beta-Ca₃N₂, a metastable nitride in the system Ca-N.

Searching for anthropogenic contaminants in human breast adipose tissues using gas chromatography-time-of-flight mass spectrometry.

Treatment of mice with the Ah receptor agonist and human carcinogen dioxin results in altered numbers and function of hematopoietic stem cells.

Activation of NF-kappaB p65/c-Rel dimer is associated with neuroprotection elicited by mGlu5 receptor agonists against MPP(+) toxicity in SK-N-SH cells.

Cytotoxic, genotoxic and cell-cycle disruptive effects of thio-dimethylarsinate in cultured human cells and the role of glutathione.

Formation of dimethylthioarsenicals in red blood cells.

Subchronic inhalation of mixtures of cigarette smoke constituents in Xpa^{-/-}p53^{+/-} knock-out mice: a comparison of intermittent with semi-continuous exposure to acetaldehyde, formaldehyde, and acrolein.

Genome-wide transcriptional responses to acrolein.

G-protein-coupled receptor 30 and estrogen receptor-alpha are involved in the proliferative effects induced by atrazine in ovarian cancer cells.

In vitro screening for aryl hydrocarbon receptor agonistic activity in 200 pesticides using a highly sensitive reporter cell line, DR-EcoScreen cells, and in vivo mouse liver cytochrome P450-1A induction by propanil, diuron and linuron.

Hepatoma tissue culture (HTC) cells as a model for investigating the effects of low concentrations of herbicide on cell structure and function.

1-Methyl-4-phenyl-pyridinium ion-induced oxidative stress, c-Jun phosphorylation and DNA fragmentation factor-45 cleavage in SK-N-SH cells are averted by selegiline.

Polyhydroxylated fullerene derivative C(60)(OH)(24) prevents mitochondrial dysfunction and oxidative damage in an MPP(+) -induced cellular model of Parkinson's disease.

A comparative 90-day toxicity study of allyl acetate, allyl alcohol and acrolein.

[Inhibition of (-)epigallocatechin gallate on dimethylarsinic acid promoting lung tumorigenesis through the induction of oxidative stress in mice].

S-ethyl-N,N-dipropylthiocarbamate exposure and cancer incidence among male pesticide applicators in the agricultural health study: a prospective cohort.

Study of the toxicity of diuron and its metabolites formed in aqueous medium during application of the electrochemical advanced oxidation process "electro-Fenton".

Agent Orange exposure, Vietnam War veterans, and the risk of prostate cancer.

Editorial comment on: Agent Orange exposure, Vietnam War veterans, and the risk of prostate cancer.

Pentachlorophenol decreases ATP levels in human natural killer cells.

Pesticide exposure as risk factor for non-Hodgkin lymphoma including histopathological subgroup analysis.

[Clinical study on treatment of acute paraquat poisoning].

Cilostazol inhibits oxidative stress-induced premature senescence via upregulation of Sirt1 in human endothelial cells.

Acrolein health effects.

Pentachlorophenol and cancer risk: focusing the lens on specific chlorophenols and contaminants.

Combined in utero and juvenile exposure of mice to arsenate and atrazine in drinking water modulates gene expression and clonogenicity of myeloid progenitors.

Mechanism of trifluralin-induced thyroid tumors in rats.

Discriminating the molecular basis of hepatotoxicity using the large-scale characteristic molecular signatures of toxicants by expression profiling analysis.

Cytotoxicity of combinations of arsenicals on rat urinary bladder urothelial cells in vitro.

Role of protein kinase Cdelta in paraquat-induced glial cell death.

The in vivo gene expression signature of oxidative stress.

Specific interactions of chloroacetanilide herbicides with human ABC transporter proteins.

Acrolein consumption exacerbates myocardial ischemic injury and blocks nitric oxide-induced PKCepsilon signaling and cardioprotection.

Cancer incidence among pesticide applicators exposed to trifluralin in the Agricultural Health Study.

Protein alkylation, transcriptional responses and cytochrome c release during acrolein toxicity in A549 cells: influence of nucleophilic culture media constituents.

Maneb potentiates paraquat neurotoxicity by inducing key Bcl-2 family members.

Reduced toxicological activity of cigarette smoke by the addition of ammonia magnesium phosphate to the paper of an electrically heated cigarette: subchronic inhalation toxicology.

Atrazine-induced changes in aromatase activity in estrogen sensitive target tissues.

[Meta-analysis of association between pentachlorophenol exposure and cancer risk].

Diabetes and cancer in veterans of Operation Ranch Hand after adjustment for calendar period, days of spraying, and time spent in Southeast Asia.

Genotoxic potential of glyphosate formulations: mode-of-action investigations.

Protective effect of prion protein via the N-terminal region in mediating a protective effect on paraquat-induced oxidative injury in neuronal cells.

Application of physiological computational fluid dynamics models to predict interspecies nasal dosimetry of inhaled acrolein.

Respiratory tract responses in male rats following subchronic acrolein inhalation.

Comparative cytotoxicity of alachlor, acetochlor, and metolachlor herbicides in isolated rat and cryopreserved human hepatocytes.

Identification of genes associated with paraquat-induced toxicity in SH-SY5Y cells by PCR array focused on apoptotic pathways.

Pesticides, soft-tissue sarcoma and non-Hodgkin lymphoma--historical aspects on the precautionary principle in cancer prevention.

Pesticides, soft tissue sarcoma and non-Hodgkin lymphoma.

Paraquat-induced apoptosis in human neuroblastoma SH-SY5Y cells: involvement of p53 and mitochondria.

Keap1/Nrf2 signaling regulates oxidative stress tolerance and lifespan in *Drosophila*.

Protective effect of Pycnogenol in human neuroblastoma SH-SY5Y cells following acrolein-induced cytotoxicity.

Photoreceptor oxidative damage in sympathetic ophthalmia.

Acrolein: unwanted side product or contribution to antiangiogenic properties of metronomic cyclophosphamide therapy?

Modulation of reactive oxygen species by antioxidants in chronic myeloid leukemia cells enhances imatinib sensitivity through survivin downregulation.

Dihydrocapsaicin (DHC), a saturated structural analog of capsaicin, induces autophagy in human cancer cells in a catalase-regulated manner.

Arsenic exposure, urinary arsenic speciation, and the incidence of urothelial carcinoma: a twelve-year follow-up study.

Growth inhibition of human colon cancer cells by plant compounds.

The biochemistry of heme biosynthesis.

Oxidative stress as a biomarker of respiratory disturbance in patients with severe motor and intellectual disabilities.

Evaluation of micronucleus frequencies in blood lymphocytes from smelting plant workers exposed to arsenic.

PPARalpha and PPARbeta are differentially affected by ethanol and the ethanol metabolite acetaldehyde in the MCF-7 breast cancer cell line.

A critical role of superoxide anion in selenite-induced mitophagic cell death.

Inhibition of acrolein-stimulated MUC5AC production by fucoidan in human bronchial epithelial cells.

Cinnamoyl-based Nrf2-activators targeting human skin cell photo-oxidative stress.

Cinnamaldehyde inhibits the tumor necrosis factor- α -induced expression of cell adhesion molecules in endothelial cells by suppressing NF- κ B activation: effects upon I κ B and Nrf2.

The role of oxidative stress in acrolein-induced DNA damage in HepG2 cells.

Identification of the major arsenic-binding protein in rat plasma as the ternary dimethylarsinous-hemoglobin-haptoglobin complex.

Induction of cancer chemopreventive enzymes by coffee is mediated by transcription factor Nrf2. Evidence that the coffee-specific diterpenes cafestol and kahweol confer protection against acrolein.

Cinnamaldehyde inhibits pro-inflammatory cytokines secretion from monocytes/macrophages through suppression of intracellular signaling.

Decoy receptor 3 expression in AsPC-1 human pancreatic adenocarcinoma cells via the phosphatidylinositol 3-kinase-, Akt-, and NF- κ B-dependent pathway.

Sodium azide induces necrotic cell death in rat squamous cell carcinoma SCC131.

Curcumin attenuates cytochrome P450 induction in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin by ROS-dependently degrading AhR and ARNT.

Dihydrolipoic acid inhibits tetrachlorohydroquinone-induced tumor promotion through prevention of oxidative damage.

Quercetin prevents necrotic cell death induced by co-exposure to benzo(a)pyrene and UVA radiation.

Aryl hydrocarbon receptor-interacting protein and pituitary adenomas: a population-based study on subjects exposed to dioxin after the Seveso, Italy, accident.

Enhancement of hypoxia-induced gene expression in fish liver by the aryl hydrocarbon receptor (AhR) ligand, benzo[a]pyrene (BaP).

Induction of cytoplasmic accumulation of p53: a mechanism for low levels of arsenic exposure to predispose cells for malignant transformation.

Heat shock protein 90 inhibitors suppress aryl hydrocarbon receptor-mediated activation of CYP1A1 and CYP1B1 transcription and DNA adduct formation.

Effect of dimethyl sulfides on the induction of apoptosis in human leukemia Jurkat cells and HL-60 cells.

Elevated expression of CYP1A1 and gamma-SYNUCLEIN in human ectopic (ovarian) endometriosis compared with eutopic endometrium.

Identification of Inonotus obliquus and analysis of antioxidation and antitumor activities of polysaccharides.

Omeprazole alleviates benzo[a]pyrene cytotoxicity by inhibition of CYP1A1 activity in human and mouse hepatoma cells.

Abnormal liver development and resistance to 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in mice carrying a mutation in the DNA-binding domain of the aryl hydrocarbon receptor.

Decreased urinary beta-defensin-1 expression as a biomarker of response to arsenic.

KLF6 induces apoptosis in prostate cancer cells through up-regulation of ATF3.

Risk for non Hodgkin's lymphoma in the vicinity of French municipal solid waste incinerators.

Spatial variations in the incidence of breast cancer and potential risks associated with soil dioxin contamination in Midland, Saginaw, and Bay Counties, Michigan, USA.

Genotoxic potential of Polycyclic Aromatic Hydrocarbons-coated onto airborne Particulate Matter (PM 2.5) in human lung epithelial A549 cells.

Polymorphisms in cell cycle regulatory genes, urinary arsenic profile and urothelial carcinoma.

Combined administration of taurine and monoisoamyl DMSA protects arsenic induced oxidative injury in rats.

A margin-of-exposure approach to assessment of noncancer risks of dioxins based on human exposure and response data.

Blockade of the aryl hydrocarbon receptor pathway triggered by dioxin, polycyclic aromatic hydrocarbons and cigarette smoke by *Phellinus linteus*.

Delayed initiation of breast development in girls with higher prenatal dioxin exposure; a longitudinal cohort study.

Perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure sensitizes offspring to angiotensin II-induced hypertension.

Critical role of cyclooxygenase-2 activation in pathogenesis of hydronephrosis caused by lactational exposure of mice to dioxin.

Environmental exposures and adverse pregnancy outcomes: a review of the science.

Novel ryanodine receptor mutation that may cause malignant hyperthermia.

CYP1A induction potential and the concentration of priority pollutants in marine sediment samples--in vitro evaluation using the PLHC-1 fish hepatoma cell line.

A role for the aryl hydrocarbon receptor and the dioxin TCDD in rheumatoid arthritis.

Neuroprotection by *Spirulina platensis* protean extract and phycocyanin against iron-induced toxicity in SH-SY5Y neuroblastoma cells.

Liver is a target of arsenic carcinogenesis.

Accumulation of M1dG DNA adducts after chronic exposure to PCBs, but not from acute exposure to polychlorinated aromatic hydrocarbons.

Arsenite alters global histone H3 methylation.

Nonadditive effects of PAHs on Early Vertebrate Development: mechanisms and implications for risk assessment.

Synthesis and evaluation in vitro and in vivo of a ¹¹C-labeled cyclooxygenase-2 (COX-2) inhibitor.

Mitotic arrest-associated apoptosis induced by sodium arsenite in A375 melanoma cells is BUBR1-dependent.

Fibronectin promotes cell proliferation of human pre-B cell line via its interactions with VLA-4 and VLA-5.

Cross-talk between aryl hydrocarbon receptor and mitogen-activated protein kinase signaling pathway in liver cancer through c-raf transcriptional regulation.

Evaluation of tumour promoting potency of fish borne toxaphene residues, as compared to technical toxaphene and UV-irradiated toxaphene.

Sodium arsenite induces orphan nuclear receptor SHP gene expression via AMP-activated protein kinase to inhibit gluconeogenic enzyme gene expression.

Arsenite and cadmium, but not chromium, induce NAD(P)H:quinone oxidoreductase 1 through transcriptional mechanisms, in spite of post-transcriptional modifications.

Nitrophenols isolated from diesel exhaust particles promote the growth of MCF-7 breast adenocarcinoma cells.

KML001 cytotoxic activity is associated with its binding to telomeric sequences and telomere erosion in prostate cancer cells.

Increased levels of a unique post-translationally modified betaIVb-tubulin isotype in liver cancer.

Interplay between cellular methyl metabolism and adaptive efflux during oncogenic transformation from chronic arsenic exposure in human cells.

Resveratrol prevents estrogen-DNA adduct formation and neoplastic transformation in MCF-10F cells.

Arsenic trioxide and auranofin inhibit selenoprotein synthesis: implications for chemotherapy for acute promyelocytic leukaemia.

2,3,7,8-Tetrachlorodibenzo-p-dioxin modulates the induction of DNA strand breaks and poly(ADP-ribose) polymerase-1 activation by 17beta-estradiol in human breast carcinoma cells through alteration of CYP1A1 and CYP1B1 expression.

Occurrence of two different types of glutathione S-transferase placental form-positive hepatocytes after a single administration of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

Transgenerational effects from exposure to environmental toxic substances.

Concentrations of polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs), and dioxin-like PCBs in adipose tissue of infertile men.

Cytochrome P450 2C11 5'-flanking region and promoter: regulation by aromatic hydrocarbons in vitro.

Inorganic arsenic exposure affects pain behavior and inflammatory response in rat.

Pollutant effects on genotoxic parameters and tumor-associated protein levels in adults: a cross sectional study.

Follow-up study of cancer incidence after chlorophenol exposure in a community in southern Finland.

Can folate intake reduce arsenic toxicity?

Multiple cutaneous precanceroses and carcinomas from combined iatrogenic/professional exposure to arsenic.

Enhanced detection of autoantibodies on protein microarrays using a modified protein digestion technique.

Basil extract inhibits the sulfotransferase mediated formation of DNA adducts of the procarcinogen 1'-hydroxyestragole by rat and human liver S9 homogenates and in HepG2 human hepatoma cells.

Ryanodine receptor expression correlates with tumor grade in breast cancer.

Exposure assessment of workers to airborne PCDD/Fs, PCBs and PAHs at an electric arc furnace steelmaking plant in the UK.

The influence of metallothionein on exposure to metals: an in vitro study on cellular models.

Sensitivity to sodium arsenite in human melanoma cells depends upon susceptibility to arsenite-induced mitotic arrest.

High potency of bioactivation of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in mouse colon epithelial cells with Apc(Min) mutation.

Constitutive regulation of CYP1B1 by the aryl hydrocarbon receptor (AhR) in pre-malignant and malignant mammary tissue.

Imaging breast cancer cells and tissues using peptide-labeled fluorescent silica nanoparticles.

Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants.

Experience of nitisinone for the pharmacological treatment of hereditary tyrosinaemia type 1.

Alteration of APE1/ref-1 expression in non-small cell lung cancer: the implications of impaired extracellular superoxide dismutase and catalase antioxidant systems.

GSK3 promotes arsenite-induced apoptosis via facilitation of mitochondria disruption.

The preparation and characterization of anti-VEGFR2 conjugated, paclitaxel-loaded PLLA or PLGA microspheres for the systemic targeting of human prostate tumors.

DNA-dependent protein kinase catalytic subunit modulates the stability of c-Myc oncoprotein.

Occupational exposure to pesticides and risk of adult brain tumors.

[Effect of dioxin on apoptosis of osteogenic sarcoma cells and regulation on gene expression of insulin-like growth factor binding protein 6].

Occupational risk factors for non-Hodgkin's lymphoma: a population-based case-control study in Northern Germany.

Mortality in a population exposed to dioxin after the Seveso, Italy, accident in 1976: 25 years of follow-up.

Microvascular free-tissue transfer for head and neck reconstruction in Jehovah's Witness patients.

Dose response evaluation of gene expression profiles in the skin of K6/ODC mice exposed to sodium arsenite.

Resveratrol sensitizes melanomas to TRAIL through modulation of antiapoptotic gene expression.

Risk factors for ovarian cancer: an overview with emphasis on hormonal factors.

Role of hormonal and other factors in human prostate cancer.

Cancer and TCDD: the mitochondrial connection.

High dietary fat exacerbates arsenic-induced liver fibrosis in mice.

Decreased epithelial barrier function evoked by exposure to metabolic stress and nonpathogenic E. coli is enhanced by TNF-alpha.

Dioxin-mediated up-regulation of aryl hydrocarbon receptor target genes is dependent on the calcium/calmodulin/CaMKIalpha pathway.

Regulation of aryl hydrocarbon receptor expression and function by glucocorticoids in mouse hepatoma cells.

Plasma folate level, urinary arsenic methylation profiles, and urothelial carcinoma susceptibility.

Short dysfunctional telomeres impair the repair of arsenite-induced oxidative damage in mouse cells.

Antagonistic and agonistic effects of indigoids on the transformation of an aryl hydrocarbon receptor.

Chemical contaminants, health indicators, and reproductive biomarker responses in fish from rivers in the Southeastern United States.

Enhancements of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) metabolism and carcinogenic risk via NNK/arsenic interaction.

A role for iron in Wnt signalling.

Health effects of early life exposure to arsenic.

Identification and biochemical characterization of a novel ryanodine receptor gene mutation associated with malignant hyperthermia.

Significance of prolyl hydroxylase 2 in the interference of aryl hydrocarbon receptor and hypoxia-inducible factor-1 alpha signaling.

Arsenite-induced thymus atrophy is mediated by cell cycle arrest: a characteristic downregulation of E2F-related genes revealed by a microarray approach.

Analysis of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced proteome changes in 5L rat hepatoma cells reveals novel targets of dioxin action including the mitochondrial apoptosis regulator VDAC2.

Differential expression of estrogen receptor alpha (ERalpha) protein in MCF-7 breast cancer cells chronically exposed to TCDD.

Modulation of TCDD-mediated induction of cytochrome P450 1A1 by mercury, lead, and copper in human HepG2 cell line.

Dioxin emissions from a municipal solid waste incinerator and risk of invasive breast cancer: a population-based case-control study with GIS-derived exposure.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin administration and high-fat diet on the body weight and hepatic estrogen metabolism in female C3H/HeN mice.

Dioxin-mediated tumor progression through activation of mitochondria-to-nucleus stress signaling.

[Outdoor work-related health hazards].

Residential exposures to pesticides and childhood leukaemia.

Integrated approach to immunotoxicity: electron transfer, reactive oxygen species, antioxidants, cell signaling, and receptors.

Relevant approach to assess performances of wastewater biosolids composting in terms of micropollutants removal.

Arsenic methylation capability, heme oxygenase-1 and NADPH quinone oxidoreductase-1 genetic polymorphisms and the stage and grade of urothelial carcinomas.

Oxidative damage induced genotoxic effects in human fibroblasts from Xeroderma Pigmentosum group A patients.

Humoral response against Mycobacterium bovis Hsp65 derived fragments in children and young people with various disorders.

Tissue levels of arsenicals and skin tumor response following administration of monomethylarsonous acid and arsenite to K6/ODC mice.

Insight into the selectivity of arsenic trioxide for acute promyelocytic leukemia cells by characterizing Saccharomyces cerevisiae deletion strains that are sensitive or resistant to the metalloid.

Feasibility studies of 4'-[methyl-(11)C]thiothymidine as a tumor proliferation imaging agent in mice.

Endocrine disruptors and estrogenic effects on male reproductive axis.

Neoplastic transformation of human small airway epithelial cells induced by arsenic.

Risk of leukaemia among pesticide manufacturing workers: a review and meta-analysis of cohort studies.

Effects of anoxia, aglycemia, and acidosis on cytosolic Mg²⁺, ATP, and pH in rat sensory neurons.

Urinary 8-hydroxydeoxyguanosine and urothelial carcinoma risk in low arsenic exposure area.

Chondroitin sulfate and heparan sulfate-containing proteoglycans are both partners and targets of basic fibroblast growth factor-mediated proliferation in human metastatic melanoma cell lines.

An evidence for regulatory cross-talk between aryl hydrocarbon receptor and glucocorticoid receptor in HepG2 cells.

C-reactive protein induces endothelial cell apoptosis and matrix metalloproteinase-9 production in human mononuclear cells: Implications for the destabilization of atherosclerotic plaque.

Allium compounds, dipropyl and dimethyl thiosulfinates as antiproliferative and differentiating agents of human acute myeloid leukemia cell lines.

[Identification of air toxics from indoor and outdoor measurements of volatile organic compounds in one elementary school in Beijing].

Effects of inorganic arsenic on the rat and mouse urinary bladder.

Release of volatile organic compounds (VOCs) from the lung cancer cell line CALU-1 in vitro.

Impaired activation of caspase cascade during cell death induced by newly synthesized singlet oxygen generator, 1-buthylnaphthalene-4-propionate endoperoxide.

Carcinogenic chromium(VI)-induced protein oxidation and lipid peroxidation: implications in DNA-protein crosslinking.

Potential effects of perfluorinated compounds in common cormorants from Lake Biwa, Japan: an implication from the hepatic gene expression profiles by microarray.

Reactive oxygen species from the uncoupling of human cytochrome P450 1B1 may contribute to the carcinogenicity of dioxin-like polychlorinated biphenyls.

Combining ligand-based pharmacophore modeling, quantitative structure-activity relationship analysis and in silico screening for the discovery of new potent hormone sensitive lipase inhibitors.

Dielectrophoretic field-flow fractionation system for detection of aquatic toxicants.

Protein expression in the livers and urinary bladders of hamsters exposed to sodium arsenite.

Cytokine-induced arginase activity in pulmonary endothelial cells is dependent on Src family tyrosine kinase activity.

Low concentration of arsenite exacerbates UVR-induced DNA strand breaks by inhibiting PARP-1 activity.

[Superoxide induces cellular growth and apoptosis of cultured human peripheral blood lymphocytes].

XRCC1 protects against the lethality of induced oxidative DNA damage in nondividing neural cells.

A technical mixture of 2,2',4,4'-tetrabromo diphenyl ether (BDE47) and brominated furans triggers aryl hydrocarbon receptor (AhR) mediated gene expression and toxicity.

Down-regulation of the carcinogen-metabolizing enzyme cytochrome P450 1a1 by vanadium.

Mutagenicity of N-nitrosodiethanolamine in a V79-derived cell line expressing two human biotransformation enzymes.

Acrylamide: a dietary carcinogen formed in vivo?

2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated impairment of B cell differentiation involves dysregulation of paired box 5 (Pax5) isoform, Pax5a.

Differences in gene expression and benzo[a]pyrene-induced DNA adduct formation in the liver of three strains of female mice with identical AhRb2 genotype treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin and/or benzo[a]pyrene.

Effects of boric acid and borax on titanium dioxide genotoxicity.

Genotoxic effects of PCB 52 and PCB 77 on cultured human peripheral lymphocytes.

Intrinsic AhR function underlies cross-talk of dioxins with sex hormone signalings.

Assessing the potential risk of oil-field produced waters using a battery of bioassays/biomarkers.

Technical uncertainty in the back-calculation of occupational exposure to dioxins.

Effect of dioxin exposure on aromatase expression in ovariectomized rats.

Non-dioxin-like polychlorinated biphenyls induce a release of arachidonic acid in liver epithelial cells: a partial role of cytosolic phospholipase A(2) and extracellular signal-regulated kinases 1/2 signalling.

Histopathological alterations of Nile tilapia, *Oreochromis niloticus* in acute and subchronic alachlor exposure.

Potent upregulation of glutathione and NAD(P)H:quinone oxidoreductase 1 by alpha-lipoic acid in human neuroblastoma SH-SY5Y cells: protection against neurotoxicant-elicited cytotoxicity.

TCDD deregulates contact inhibition in rat liver oval cells via Ah receptor, JunD and cyclin A.

Antioxidant activity of different extracts of Argentinian medicinal plants against arsenic-induced toxicity in renal cells.

Toxicogenomic analysis of gender, chemical, and dose effects in livers of TCDD- or aroclor 1254-exposed rats using a multifactor linear model.

Mdm2 as a sensitive and mechanistically informative marker for genotoxicity induced by benzo[a]pyrene and dibenzo[a,l]pyrene.

Isotype expression, post-translational modification and stage-dependent production of tubulins in erythrocytic *Plasmodium falciparum*.

Inhibition of carrier-mediated uptake of epirubicin reduces cytotoxicity in primary culture of rat hepatocytes.

Toxicity reference values for mink exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) equivalents (TEQs).

Tissue dosimetry, metabolism and excretion of pentavalent and trivalent dimethylated arsenic in mice after oral administration.

Comparative risk analysis of dioxins in fish and fine particles from heavy-duty vehicles.

Arsenic as an endocrine disruptor: arsenic disrupts retinoic acid receptor- and thyroid hormone receptor-mediated gene regulation and thyroid hormone-mediated amphibian tail metamorphosis.

In vitro and in vivo reduction of sodium arsenite induced toxicity by aqueous garlic extract.

Phytoestrogens and xenoestrogens: the contribution of diet and environment to endocrine disruption.

The effect of suspended particles coated by humic acid on the toxicity of pharmaceuticals, estrogens, and phenolic compounds.

Enhancing effect of chlorinated organic solvents on histamine release and inflammatory mediator production.

Estimation of atrazine in the stratum corneum and its toxic effects in skin following topical application to rabbits.

Mouse mammary tumor virus promoter-containing retroviral promoter conversion vectors for gene-directed enzyme prodrug therapy are functional in vitro and in vivo.

Mutagenic, antimutagenic, cytotoxic, and apoptotic activities of extracts from *Pituranthos tortuosus*.

Influence of TCDD and natural Ah receptor agonists on benzo[a]pyrene-DNA adduct formation in the Caco-2 human colon cell line.

Inhibition of estrogen-mediated uterine gene expression responses by dioxin.

Dioxin-like toxicity in the Saginaw River Watershed: polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in sediments and floodplain soils from the Saginaw and Shiawassee Rivers and Saginaw Bay, Michigan, USA.

Comparative genotoxicity evaluation of imidazolinone herbicides in somatic cells of *Drosophila melanogaster*.

Role of the Met(287)Thr polymorphism in the AS3MT gene on the metabolic arsenic profile.

Letter to the editor re: Datta et al., 2006. Arsenic biogeochemistry and human health risk assessment in organo-arsenical pesticide-applied acidic and alkaline soils: an incubation study.

Diuron lacks promoting potential in a rat liver bioassay.

Environmental toxins and health--the health impact of pesticides.

Aldo-keto reductase family 1 B10 gene silencing results in growth inhibition of colorectal cancer cells: Implication for cancer intervention.

The bipyridyl herbicide paraquat induces proteasome dysfunction in human neuroblastoma SH-SY5Y cells.

Intermolecular protein cross-linking during acrolein toxicity: efficacy of carbonyl scavengers as inhibitors of heat shock protein-90 cross-linking in A549 cells.

Targeted disruption of the glutaredoxin 1 gene does not sensitize adult mice to tissue injury induced by ischemia/reperfusion and hyperoxia.

Retinoic acid-mediated differentiation protects against nitrofen-induced apoptosis.

Endocrine disrupting chemicals in pesticides and herbicide in Fars Province, Iran.

Alteration of estrogen-regulated gene expression in human cells induced by the agricultural and horticultural herbicide glyphosate.

Characterization of acrolein-glycerophosphoethanolamine lipid adducts using electrospray mass spectrometry.

Pathophysiological aspects of cyclophosphamide and ifosfamide induced hemorrhagic cystitis; implication of reactive oxygen and nitrogen species as well as PARP activation.

Toxicity of dimethylmonothioarsinic acid toward human epidermoid carcinoma A431 cells.

Role of MGMT in protecting against cyclophosphamide-induced toxicity in cells and animals.

Further evidence against a direct genotoxic mode of action for arsenic-induced cancer.

Arsenic-induced bladder cancer in an animal model.

2,4-Dichlorophenoxyacetic acid: effects on Syrian hamster embryo (SHE) cell transformation, c-Myc expression, DNA damage and apoptosis.

Industry influence and atrazine carcinogenicity.

Sodium salicylate prevents paraquat-induced apoptosis in the rat lung.

Time- and dose-dependent effects of roundup on human embryonic and placental cells.

Relationship between autophagy and apoptotic cell death in human neuroblastoma cells treated with paraquat: could autophagy be a "brake" in paraquat-induced apoptotic death?

Nucleobase-dependent reactivity of a quinone metabolite of pentachlorophenol.

3,4-dichloropropionaniline suppresses normal macrophage function.

Inhibition of paraquat-induced autophagy accelerates the apoptotic cell death in neuroblastoma SH-SY5Y cells.

Reduced 293T cell susceptibility to acrolein due to aldose reductase-like-1 protein expression.

Atrazine-induced aromatase expression is SF-1 dependent: implications for endocrine disruption in wildlife and reproductive cancers in humans.

Plasma cell gingivitis among herbal toothpaste users: a report of three cases.

Cytotoxicity of chloroacetanilide herbicide alachlor in HepG2 cells independent of CYP3A4 and CYP3A7.

P38 and ERK mitogen-activated protein kinases mediate acrolein-induced apoptosis in Chinese hamster ovary cells.

Agent Orange, prostate cancer irradiation and acute promyelocytic leukemia (APL): is there a link?

[Changes of serum cytokine caused by acute paraquat poisoning].

Atrazine and reproductive function: mode and mechanism of action studies.

Residential and biological exposure assessment of chemicals from a wood treatment plant.

[Dioxins and sarcomas in Veneto: the risk of confusing the citizens].

[Dioxins and sarcomas in Veneto: the context, the method and the peer review].

[Dioxins and sarcomas in Veneto: let us open a debate on the role of epidemiology].

Estimating risk from ambient concentrations of acrolein across the United States.

Risk of breast cancer for women living in rural areas from adult exposure to atrazine from well water in Wisconsin.

Rosiglitazone protects human neuroblastoma SH-SY5Y cells against MPP+ induced cytotoxicity via inhibition of mitochondrial dysfunction and ROS production.

Trivalent arsenicals induce lipid peroxidation, protein carbonylation, and oxidative DNA damage in human urothelial cells.

Follow-up testing of rodent carcinogens not positive in the standard genotoxicity testing battery: IWGT workgroup report.

Cancer incidence and mortality in a New Zealand community potentially exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin from 2,4,5-trichlorophenoxyacetic acid manufacture.

Epidemiology. Agent Orange's bitter harvest.

Luteolin protects rat PC12 and C6 cells against MPP+ induced toxicity via an ERK dependent Keap1-Nrf2-ARE pathway.

Mortality, length of life, and physical examination attendance in participants of the Air Force Health Study.

Impact of the specificity of the exposure metric on exposure-response relationships.

Divergent mechanisms of paraquat, MPP+, and rotenone toxicity: oxidation of thioredoxin and caspase-3 activation.

VIP is a transcriptional target of Nurr1 in dopaminergic cells.

Epidemiological and clinical investigations among employees in a former herbicide production process.

Amifostine and glutathione prevent ifosfamide- and acrolein-induced hemorrhagic cystitis.

Cells deficient in the FANC/BRCA pathway are hypersensitive to plasma levels of formaldehyde.

Pesticide exposure among farm workers.

The activity of 2'-benzoyloxycinnamaldehyde against drug-resistant cancer cell lines.

Research toward the development of a biologically based dose response assessment for inorganic arsenic carcinogenicity: a progress report.

Acrolein inhibits cytokine gene expression by alkylating cysteine and arginine residues in the NF-kappaB1 DNA binding domain.

Arsenic metabolism, genetic susceptibility, and risk of premalignant skin lesions in Bangladesh.

Carcinogenicity of dimethylarsinic acid in Ogg1-deficient mice.

Down-regulation of glutaminase C in human hepatocarcinoma cell by diphenylarsinic acid, a degradation product of chemical warfare agents.

Undersulfation of glycosaminoglycans induced by sodium chlorate treatment affects the progression of C6 rat glioma, in-vivo.

[Chemistry and toxicology of cigarette smoke in the lungs].

Antiplatelet and antithrombotic activities of essential oil from wild *Ocotea quixos* (Lam.) Kosterm. (Lauraceae) calices from Amazonian Ecuador.

Mitochondrial damage modulates alternative splicing in neuronal cells: implications for neurodegeneration.

Lack of mutagenicity of acrolein-induced DNA adducts in mouse and human cells.

Mechanism of the cytotoxicity of the diazoparaquinone antitumor antibiotic kinamycin F.

Characterization of diuron N-demethylation by mammalian hepatic microsomes and cDNA-expressed human cytochrome P450 enzymes.

Thio-dimethylarsinate is a common metabolite in urine samples from arsenic-exposed women in Bangladesh.

Tissue distribution and urinary excretion of dimethylated arsenic and its metabolites in dimethylarsinic acid- or arsenate-treated rats.

Induction of COX-2 by acrolein in rat lung epithelial cells.

Environmental Arsenic Exposure and Urinary 8-OHdG in Arizona and Sonora.

2-hydroxycinnamaldehyde inhibits SW620 colon cancer cell growth through AP-1 inactivation.

Detection and quantitation of acrolein-derived 1,N²-propanodeoxyguanosine adducts in human lung by liquid chromatography-electrospray ionization-tandem mass spectrometry.

Binding of dimethylarsinous acid to cys-13 α of rat hemoglobin is responsible for the retention of arsenic in rat blood.

Effect of fasting on the pattern of urinary arsenic excretion.

Organochlorines and risk of non-Hodgkin lymphoma.

Anti-inflammatory lipid mediator 15d-PGJ₂ inhibits translation through inactivation of eIF4A.

Glucocorticoid receptor functions in HeLa Cells are perturbed by 2,3,8,9-tetrachlorodibenzo-p-dioxin (TCDD).

Supplementation of ascorbic acid and alpha-tocopherol prevents arsenic-induced protein oxidation and DNA damage induced by arsenic in rats.

Pulmonary lesions in female Harlan Sprague-Dawley rats following two-year oral treatment with dioxin-like compounds.

Household exposure to pesticides and risk of childhood hematopoietic malignancies: The ESCALE study (SFCE).

Evaluation of electrospray ionization and atmospheric pressure chemical ionization for simultaneous detection of estrone and its metabolites using high-performance liquid chromatography/tandem mass spectrometry.

Arsenic promotes centrosome abnormalities and cell colony formation in p53 compromised human lung cells.

Gene-mutation induction by arsenic compounds in the mouse lymphoma assay.

Identification of interspecies concordance of mechanisms of arsenic-induced bladder cancer.

Folate deficiency enhances arsenic effects on expression of genes involved in epidermal differentiation in transgenic K6/ODC mouse skin.

Arsenic inhibits neurofilament transport and induces perikaryal accumulation of phosphorylated neurofilaments: roles of JNK and GSK-3 β .

Vanadium induces VL30 retrotransposition at an unusually high level: a possible carcinogenesis mechanism.

Pharmacokinetics of 3-[¹²⁵I]iodo-alpha-methyl-L-tyrosine, a tumor imaging agent, after probenecid loading in mice implanted with colon cancer DLD-1 cells.

Toxic effects of TCDD on osteogenesis through altering IGFBP-6 gene expression in osteoblasts.

Porphyria cutanea tarda as rare cutaneous manifestation of hepatic metastases treated with interferon.

Relative differences in aryl hydrocarbon receptor-mediated response for 18 polybrominated and mixed halogenated dibenzo-p-dioxins and -furans in cell lines from four different species.

Arsenic salt-induced DNA damage and expression of mutant p53 and COX-2 proteins in SV-40 immortalized human uroepithelial cells.

Pathogenesis of aryl hydrocarbon receptor-mediated development of lymphoma is associated with increased cyclooxygenase-2 expression.

Chronic disease and early exposure to air-borne mixtures. 2. Exposure assessment.

Relationship between aryl hydrocarbon receptor-affinity and the induction of EROD activity by 2,3,7,8-tetrachlorinated phenothiazine and derivatives.

Differential effects of quercetin and silymarin on arsenite-induced cytotoxicity in two human breast adenocarcinoma cell lines.

The effect of dietary glycine on the hepatic tumor promoting activity of polychlorinated biphenyls (PCBs) in rats.

Arsenic neurotoxicity--a review.

Differential effect of arecoline on the endogenous dioxin-responsive cytochrome P450 1A1 and on a stably transfected dioxin-responsive element-driven reporter in human hepatoma cells.

Mechanisms of action of the congenital diaphragmatic hernia-inducing teratogen nitrofen.

Regulatory factors involved in species-specific modulation of arylhydrocarbon receptor (AhR)-dependent gene expression in humans and mice.

Serum profiles of PCDDs and PCDFs, in individuals near the Escambia Wood Treating Company Superfund site in Pensacola, FL.

Lafora-like ground-glass inclusions in hepatocytes of pediatric patients: a report of two cases.

Comparison of the cytotoxicity of the nitroaromatic drug flutamide to its cyano analogue in the hepatocyte cell line TAMH: evidence for complex I inhibition and mitochondrial dysfunction using toxicogenomic screening.

Mechanism of internalization of an ICAM-1-derived peptide by human leukemic cell line HL-60: influence of physicochemical properties on targeted drug delivery.

Isolation and characterization of arsenite-resistant human epidermoid carcinoma KB cells.

Enhancement of allergic responses in vivo and in vitro by butylated hydroxytoluene.

Functional characterization of the promoter of human carbonyl reductase 1 (CBR1). Role of XRE elements in mediating the induction of CBR1 by ligands of the aryl hydrocarbon receptor.

p53 response to arsenic exposure in epithelial cells: protein kinase B/Akt involvement.

Comparison of fathead minnow ovary explant and H295R cell-based steroidogenesis assays for identifying endocrine-active chemicals.

Expression of STAT3 and Bcl-6 oncoprotein in sodium arsenite-treated SV-40 immortalized human uroepithelial cells.

Arsenic salts induced autophagic cell death and hypermethylation of DAPK promoter in SV-40 immortalized human uroepithelial cells.

Cobaltous chloride and hypoxia inhibit aryl hydrocarbon receptor-mediated responses in breast cancer cells.

Comparison of the effects of arsenic and cadmium on benzo(a)pyrene-induced micronuclei in mouse bone-marrow.

Goserelin acetate 10.8 mg plus iron versus iron monotherapy prior to surgery in premenopausal women with iron-deficiency anemia due to uterine leiomyomas: results from a Phase III, randomized, multicenter, double-blind, controlled trial.

Parental occupational exposure to pesticides and the risk of childhood leukemia in Costa Rica.

Interference of contaminated sediment extracts and environmental pollutants with retinoid signaling.

Ranking cancer risks of organic hazardous air pollutants in the United States.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces oxidative stress, DNA strand breaks, and poly(ADP-ribose) polymerase-1 activation in human breast carcinoma cell lines.

Development of a conditional bioluminescent transplant model for TPM3-ALK-induced tumorigenesis as a tool to validate ALK-dependent cancer targeted therapy.

Imatinib mesylate inhibits cell invasion of malignant peripheral nerve sheath tumor induced by platelet-derived growth factor-BB.

A proposed mechanism for the protective effect of dioxin against breast cancer.

Polychlorinated biphenyls modulated tumorigenesis in Sprague Dawley rats: correlation with mixed function oxidase activities and superoxide (O₂^{*}) formation potentials and implied mode of action.

Cyclin B1 proteolysis via p38 MAPK signaling participates in G2 checkpoint elicited by arsenite.

Workshop overview: arsenic research and risk assessment.

Transplacental arsenic carcinogenesis in mice.

The aryl hydrocarbon receptor, more than a xenobiotic-interacting protein.

Sarcoma risk and dioxin emissions from incinerators and industrial plants: a population-based case-control study (Italy).

Pesticide use and colorectal cancer risk in the Agricultural Health Study.

Pulmonary epithelial cell differentiation in the nitrofen-induced congenital diaphragmatic hernia.

Sodium selenite induces superoxide-mediated mitochondrial damage and subsequent autophagic cell death in malignant glioma cells.

A municipal solid waste incinerator as the single dominant point source of PCDD/Fs in an area of increased non-Hodgkin's lymphoma incidence.

Cytotoxicity in cultured mammalian cells is a function of the method used to estimate it.

Serum dioxin concentrations and risk of uterine leiomyoma in the Seveso Women's Health Study.

Genotoxicity induced by arsenic compounds in peripheral human lymphocytes analysed by cytokinesis-block micronucleus assay.

[Cancers and pesticides].

Elevation of 8-hydroxydeoxyguanosine and cell proliferation via generation of oxidative stress by organic arsenicals contributes to their carcinogenicity in the rat liver and bladder.

Differences in acute toxicity syndromes of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin in rats.

[Recommendation of a highly sensitive method for measuring hemoglobin in hemolytic test].

Dihydroartemisinin exerts cytotoxic effects and inhibits hypoxia inducible factor-1 α activation in C6 glioma cells.

[Chloracne after exposure to dioxin].

Estrogen metabolism and formation of estrogen-DNA adducts in estradiol-treated MCF-10F cells. The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin induction and catechol-O-methyltransferase inhibition.

Sequential treatment by ionizing radiation and sodium arsenite dramatically accelerates TRAIL-mediated apoptosis of human melanoma cells.

Proteome and cytoskeleton responses in osteosarcoma cells with reduced OXPHOS activity.

Allium cepa chromosome aberration and micronucleus tests applied to study genotoxicity of extracts from pesticide-treated vegetables and grapes.

Effects of the plant flavonoids silymarin and quercetin on arsenite-induced oxidative stress in CHO-K1 cells.

Agricultural exposures and gastric cancer risk in Hispanic farm workers in California.

Aryl hydrocarbon receptor plays a significant role in mediating airborne particulate-induced carcinogenesis in mice.

Exposure in utero to 2,2',3,3',4,6'-hexachlorobiphenyl (PCB 132) impairs sperm function and alters testicular apoptosis-related gene expression in rat offspring.

Inhibition of NF- κ B does not induce c-Jun N-terminal kinase-mediated apoptosis in reperfusion injury.

Yeast NDI1 improves oxidative phosphorylation capacity and increases protection against oxidative stress and cell death in cells carrying a Leber's hereditary optic neuropathy mutation.

Pro-angiogenesis action of arsenic and its reversal by selenium-derived compounds.

Determinations of dioxinlike activity in selected mollusks from the coast of the Bohai Sea, China, using the H4IIE-luc bioassay.

Some clinico and histopathological changes in female goats experimentally exposed to dioxin.

Site-directed photoproteolysis of 8-oxoguanine DNA glycosylase 1 (OGG1) by specific porphyrin-protein probe conjugates: a strategy to improve the effectiveness of photodynamic therapy for cancer.

Carcinogenic food contaminants.

Possible application of human c-Ha-ras proto-oncogene transgenic rats in a medium-term bioassay model for carcinogens.

Prevention of aneuploidy by S-adenosyl-methionine in human cells treated with sodium arsenite.

On the translation of uncertainty from toxicokinetic to toxicodynamic models--the TCDD example.

Long-term effects of subcutaneously injected 2,3,7,8-tetrachlorodibenzo-p-dioxin on the liver of rhesus monkeys.

Effects of various pesticides on human 5alpha-reductase activity in prostate and LNCaP cells.

Role of heat shock protein 70 in hepatic ischemia-reperfusion injury in mice.

Prenatal TCDD exposure predisposes for mammary cancer in rats.

Synthesis and in vitro evaluation of targeted tetracycline derivatives: effects on inhibition of matrix metalloproteinases.

Hepatoprotective activity of liposomal flavonoid against arsenite-induced liver fibrosis.

Benzo[a]pyrene-7,8-dihydrodiol promotes checkpoint activation and G2/M arrest in human bronchoalveolar carcinoma H358 cells.

Identification of kaempferol as an inhibitor of cigarette smoke-induced activation of the aryl hydrocarbon receptor and cell transformation.

Pharmacokinetics of arsenic species in Japanese patients with relapsed or refractory acute promyelocytic leukemia treated with arsenic trioxide.

Hsp90 inhibitors suppress HCV replication in replicon cells and humanized liver mice.

Nucleotide metabolizing ecto-enzymes in Walker 256 tumor cells: molecular identification, kinetic characterization and biochemical properties.

[Effect of tetrandrine on endothelin expression in the lungs and clinical significance thereof: experiment with rat models with nitrofen-induced congenital diaphragmatic hernia].

[Arsenical poisoning: how and why to diagnose it].

Intravenous ferric gluconate significantly improves response to epoetin alfa versus oral iron or no iron in anemic patients with cancer receiving chemotherapy.

The role of chrysin and the Ah receptor in induction of the human UGT1A1 gene in vitro and in transgenic UGT1 mice.

Fetal onset of aberrant gene expression relevant to pulmonary carcinogenesis in lung adenocarcinoma development induced by in utero arsenic exposure.

The aryl hydrocarbon receptor inhibits prostate carcinogenesis in TRAMP mice.

P-selectin mediates metastatic progression through binding to sulfatides on tumor cells.

ATP depletion does not account for apoptosis induced by inhibition of mitochondrial electron transport chain in human dopaminergic cells.

Genetic polymorphisms in MTHFR 677 and 1298, GSTM1 and T1, and metabolism of arsenic.

Urinary arsenic profile affects the risk of urothelial carcinoma even at low arsenic exposure.

Microarray analysis of gene expression in peripheral blood mononuclear cells from dioxin-exposed human subjects.

Vesicle disruption, plasma membrane bleb formation, and acute cell death caused by illumination with blue light in acridine orange-loaded malignant melanoma cells.

In vitro mitigation of arsenic toxicity by tea polyphenols in human lymphocytes.

[Sea urchin embryo, DNA-damaged cell cycle checkpoint and the mechanisms initiating cancer development].

Reproductive disorders associated with pesticide exposure.

Cyclooxygenase-2 promoter activation by the aromatic hydrocarbon receptor in breast cancer mcf-7 cells: repressive effects of conjugated linoleic acid.

[¹¹C]Vinblastine syntheses and preliminary imaging in cancer patients.

Arsenic methylation, urinary arsenic metabolites and human diseases: current perspective.

Fatty acid biosynthesis as a drug target in apicomplexan parasites.

Requirement of aryl hydrocarbon receptor overexpression for CYP1B1 up-regulation and cell growth in human lung adenocarcinomas.

Role of dioxin response element and nuclear factor-kappaB motifs in 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated regulation of Fas and Fas ligand expression.

Endocrine-disrupting potential of bisphenol A, bisphenol A dimethacrylate, 4-n-nonylphenol, and 4-n-octylphenol in vitro: new data and a brief review.

A critical comparison of murine pathology and epidemiological data of TCDD, PCB126, and PeCDF.

The risk screening for indoor air pollution chemicals in Japan.

ATF4-dependent oxidative induction of the DNA repair enzyme Ape1 counteracts arsenite cytotoxicity and suppresses arsenite-mediated mutagenesis.

Constitutive mRNA expression of various glutathione S-transferase isoforms in different tissues of mice.

Thyroxine-metabolizing rat uridine diphosphate-glucuronosyltransferase 1A7 is regulated by thyroid hormone receptor.

Dioxin affects glucose transport via the arylhydrocarbon receptor signal cascade in pluripotent embryonic carcinoma cells.

Biochemical characterization of ecto-nucleotide pyrophosphatase/phosphodiesterase (E-NPP, E.C. 3.1.4.1) from rat heart left ventricle.

Nrf2 protects human bladder urothelial cells from arsenite and monomethylarsonous acid toxicity.

Hepatic transcriptional networks induced by exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Disruption of clock gene expression alters responses of the aryl hydrocarbon receptor signaling pathway in the mouse mammary gland.

Alpha,beta-unsaturated aldehydes in cigarette smoke release inflammatory mediators from human macrophages.

The nitric oxide prodrug, V-PYRRO/NO, mitigates arsenic-induced liver cell toxicity and apoptosis.

Genetic determinants of mitochondrial response to arsenic in yeast *Saccharomyces cerevisiae*.

Lipid peroxidation-induced DNA damage in cancer-prone inflammatory diseases: a review of published adduct types and levels in humans.

Induction of translationally controlled tumor protein (TCTP) by transcriptional and post-transcriptional mechanisms.

Oxidative stress and antioxidant defenses in goldfish liver in response to short-term exposure to arsenite.

Attic dust and human blood samples collected near a former wood treatment facility.

Evaluation of genotoxic and non-genotoxic effects of organic air pollution using in vitro bioassays.

Carcinogen-induced histone alteration in normal human mammary epithelial cells.

Genotoxicity of arsenic evaluated by *Allium-root* micronucleus assay.

Contaminants in fish: risk-benefit considerations.

Metabolism of benzo[a]pyrene in human bronchoalveolar H358 cells using liquid chromatography-mass spectrometry.

Tumor necrosis factor- α modulates effects of aryl hydrocarbon receptor ligands on cell proliferation and expression of cytochrome P450 enzymes in rat liver "stem-like" cells.

Arsenite induced oxidative damage in mouse liver is associated with increased cytokeratin 18 expression.

Horse heart myoglobin catalyzes the H₂O₂-dependent oxidative dehalogenation of chlorophenols to DNA-binding radicals and quinones.

Estimating dioxin-like polychlorinated biphenyl toxic equivalents from total polychlorinated biphenyl measurements in fish.

Metabolic activation of herbal and dietary constituents and its clinical and toxicological implications: an update.

Arecoline inhibits the 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cytochrome P450 1A1 activation in human hepatoma cells.

Site-specific health risk assessment of dioxins and furans in an industrial region with numerous emission sources.

SCL-GFP transgenic zebrafish: in vivo imaging of blood and endothelial development and identification of the initial site of definitive hematopoiesis.

Effects of long-term alachlor exposure on hepatic antioxidant defense and detoxifying enzyme activities in crucian carp (*Carassius auratus*).

Health risk assessment for polychlorinated biphenyls, polychlorinated dibenzo-p-dioxins and dibenzofurans, and polychlorinated naphthalenes in seafood from Guangzhou and Zhoushan, China.

Molecular characterization of cytochrome P450 1A1, 1A2, and 1B1, and effects of polychlorinated dibenzo-p-dioxin, dibenzofuran, and biphenyl congeners on their hepatic expression in Baikal seal (*Pusa sibirica*).

Prenatal exposures to persistent organic pollutants as measured in cord blood and meconium from three localities of Zhejiang, China.

[Estimation of urinary diacetylspermine in Yusho patients].

Is the natural PCDD/PCDF mixture toxic for human placental JEG-3 cell line? The action of the toxicants on hormonal profile, CYP1A1 activity, DNA damage and cell apoptosis.

Differential regulation of thyroid hormone receptor-mediated function by endocrine disruptors.

HPLC-ICP-MS speciation analysis of arsenic in urine of Japanese subjects without occupational exposure.

4-Methoxyestradiol-induced oxidative injuries in human lung epithelial cells.

Transplacental exposure to inorganic arsenic at a hepatocarcinogenic dose induces fetal gene expression changes in mice indicative of aberrant estrogen signaling and disrupted steroid metabolism.

Assessment of human pregnane X receptor involvement in pesticide-mediated activation of CYP3A4 gene.

Role of O6-methylguanine-DNA methyltransferase in protecting from alkylating agent-induced toxicity and mutations in mice.

Effect of herbal medicine Juzentaihoto on hepatic and intestinal heat shock gene expression requires intestinal microflora in mouse.

Validation of a high-throughput in vitro alkaline elution/rat hepatocyte assay for DNA damage.

Effects of brominated flame retardants and brominated dioxins on steroidogenesis in H295R human adrenocortical carcinoma cell line.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) exposure of normal human dermal fibroblasts results in AhR-dependent and -independent changes in gene expression.

Risk assessment of dioxins and dioxin-like PCBs in food--comments by the German Federal Environmental Agency.

Health effects classification and its role in the derivation of minimal risk levels: immunological effects.

Intestinal transport and metabolism of acrylamide.

Mouse lung CYP1A1 catalyzes the metabolic activation of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP).

Resveratrol protects dopaminergic neurons in midbrain slice culture from multiple insults.

Can radiation-induced apoptosis be modulated by inhibitors of energy metabolism?

Investigating the role of the aryl hydrocarbon receptor in benzene-initiated toxicity in vitro.

Control of the autophagy maturation step by the MAPK ERK and p38: lessons from environmental carcinogens.

Influence on mitochondria and cytotoxicity of different antibiotics administered in high concentrations on primary human osteoblasts and cell lines.

Human CYP1A1GFP expression in transgenic mice serves as a biomarker for environmental toxicant exposure.

TCDD-induced alterations in gene expression profiles of the developing mouse paw do not influence morphological differentiation of this potential target tissue.

Synthesis of 6-chloroisoquinoline-5,8-diones and pyrido[3,4-b]phenazine-5,12-diones and evaluation of their cytotoxicity and DNA topoisomerase II inhibitory activity.

Lack of the aryl hydrocarbon receptor leads to impaired activation of AKT/protein kinase B and enhanced sensitivity to apoptosis induced via the intrinsic pathway.

Aryl hydrocarbon receptor activation impairs extracellular matrix remodeling during zebra fish fin regeneration.

Accumulation of organic and inorganic contaminants in shellfish collected in estuarine waters near Pensacola, Florida: contamination profiles and risks to human consumers.

Toxicity of a trivalent organic arsenic compound, dimethylarsinous glutathione in a rat liver cell line (TRL 1215).

Aneuploidy-inducing capacity of two widely used pesticides.

Comparative cytotoxicity of alachlor on RTG-2 trout and SH-SY5Y human cells.

Smoking and lung cancer--a new role for an old toxicant?

Acrolein is a major cigarette-related lung cancer agent: Preferential binding at p53 mutational hotspots and inhibition of DNA repair.

Pentachlorophenol treatment in vivo elevates point mutation rate in zebrafish p53 gene.

Cancer incidence among pesticide applicators exposed to dicamba in the agricultural health study.

Investigation of cancer occurrences associated with an herbicide manufacturing facility.

Recombinogenic activity of 10 chemical compounds in male germ cells of *Drosophila melanogaster*.

Evaluation of the methoxytriazine herbicide prometon using a short-term fathead minnow reproduction test and a suite of in vitro bioassays.

Cancer incidence among pesticide applicators exposed to cyanazine in the agricultural health study.

Cancer and occupational exposure to pentachlorophenol and tetrachlorophenol (Canada).

A case-control study of myelodysplastic syndromes in Belgrade (Serbia Montenegro).

Effects of Diuron [3-(3,4-dichlorophenyl)-1,1-dimethylurea] on the urinary bladder of male Wistar rats.

NTP Technical Report on the comparative toxicity studies of allyl acetate (CAS No. 591-87-7), allyl alcohol (CAS No. 107-18-6) and acrolein (CAS No. 107-02-8) administered by gavage to F344/N rats and B6C3F1 mice.

European Union bans atrazine, while the United States negotiates continued use.

Indomethacin induces small intestinal damage and inhibits amitrole-associated thyroid carcinogenesis in rats initiated with N-bis(2-hydroxypropyl)nitrosamine.

Cancer incidence among pesticide applicators exposed to metolachlor in the Agricultural Health Study.

[Effect of baicalin on expression of heme oxygenase-1 in lung injury of rats associated with paraquat poisoning].

Proximity to crops and residential exposure to agricultural herbicides in Iowa.

Dimethylarsinic acid: results of chronic toxicity/oncogenicity studies in F344 rats and in B6C3F1 mice.

Assessing the human health risks from exposure of inorganic arsenic through oyster (*Crassostrea gigas*) consumption in Taiwan.

Paternal occupational exposure to pesticides or herbicides as risk factors for cancer in children and young adults: a case-control study from the North of England.

Pesticide assessment: Protecting public health on the home turf.

Story short on science.

Neuregulin 1-Beta cytoprotective role in AML 12 mouse hepatocytes exposed to pentachlorophenol.

Hodgkin lymphoma, multiple myeloma, soft tissue sarcomas, insect repellents, and phenoxyherbicides.

Distinct gene expression profiles in immortalized human urothelial cells exposed to inorganic arsenite and its methylated trivalent metabolites.

A crucial role of Nrf2 in in vivo defense against oxidative damage by an environmental pollutant, pentachlorophenol.

Prostate cancer in US Air Force veterans of the Vietnam war.

Methylated arsenicals: the implications of metabolism and carcinogenicity studies in rodents to human risk assessment.

Orphan nuclear receptor pregnane X receptor sensitizes oxidative stress responses in transgenic mice and cancerous cells.

A comparative study of the sub-chronic toxic effects of three organic arsenical compounds on the urothelium in F344 rats; gender-based differences in response.

Non-Hodgkin lymphoma and pesticide exposure: 25 years of research.

Decrease in NADPH-cytochrome P450 reductase activity of the human heart, Liver and lungs in the presence of alpha-lipoic acid.

Neuroglobin and cytoglobin overexpression protects human SH-SY5Y neuroblastoma cells against oxidative stress-induced cell death.

Contrasting genome-wide distribution of 8-hydroxyguanine and acrolein-modified adenine during oxidative stress-induced renal carcinogenesis.

Tissue distribution of lipid peroxidation product acrolein in human colon carcinogenesis.

[Therapeutic effect of somatostatin on acute respiratory distress syndrome in experimental rats].

Neuromelanin induces oxidative stress in mitochondria through release of iron: mechanism behind the inhibition of 26S proteasome.

6-Hydroxydopamine but not 1-methyl-4-phenylpyridinium abolishes alpha-synuclein anti-apoptotic phenotype by inhibiting its proteasomal degradation and by promoting its aggregation.

Gene expression of cytokines and growth factors in the lungs after paraquat administration in mice.

Delayed occurrence of H-ras12V-induced hepatocellular carcinoma with long-term treatment with cinnamaldehydes.

Studies on the goitrogenic mechanism of action of N,N,N',N'-tetramethylthiourea.

Follow-up of 180 alcoholic patients for up to 7 years after outpatient treatment: impact of alcohol deterrents on outcome.

Differential regulation of c-jun and CREB by acrolein and 4-hydroxynonenal.

Arsenic biogeochemistry and human health risk assessment in organo-arsenical pesticide-applied acidic and alkaline soils: an incubation study.

Metabolic profile in workers occupationally exposed to arsenic: role of GST polymorphisms.

Induction and expression of GST-Pi foci in the liver of Cyclophosphamide-administered rats.

Distribution of urinary selenium and arsenic among pregnant women exposed to arsenic in drinking water.

Sodium arsenite accelerates TRAIL-mediated apoptosis in melanoma cells through upregulation of TRAIL-R1/R2 surface levels and downregulation of cFLIP expression.

Anthropometric and metabolic factors and risk of benign prostatic hyperplasia: a prospective cohort study of Air Force veterans.

Pharmacologic and functional characterization of malignant hyperthermia in the R163C RyR1 knock-in mouse.

Cellular uptake of magnetic nanoparticle is mediated through energy-dependent endocytosis in A549 cells.

Binding and activation of the seven-transmembrane estrogen receptor GPR30 by environmental estrogens: a potential novel mechanism of endocrine disruption.

Acute activation of glucose uptake by glucose deprivation in L929 fibroblast cells.

Induction of cyclin D1 by submicromolar concentrations of arsenite in human epidermal keratinocytes.

Novel selective orally active CRTH2 antagonists for allergic inflammation developed from in silico derived hits.

MicroRNA responses to cellular stress.

Mitochondrial reactive oxygen species and nitric oxide-mediated cancer cell apoptosis in 2-butylamino-2-demethoxyhypocrellin B photodynamic treatment.

Modulation of aromatase activity and mRNA by various selected pesticides in the human choriocarcinoma JEG-3 cell line.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (Cas No. 31508-00-6) in female Harlan Sprague-Dawley rats (gavage studies).

[Current progress in animal models of arsenic carcinogenesis].

Thiazopyr and thyroid disruption: case study within the context of the 2006 IPCS Human Relevance Framework for analysis of a cancer mode of action.

Serum dioxin, testosterone, and subsequent risk of benign prostatic hyperplasia: a prospective cohort study of Air Force veterans.

Folate and arsenic metabolism: a double-blind, placebo-controlled folic acid-supplementation trial in Bangladesh.

Endocrine disrupters--potential modulators of the immune system and allergic response.

Correlated resistance to glucose deprivation and cytotoxic agents in fibroblast cell lines from long-lived pituitary dwarf mice.

Environmental arsenic exposure and sputum metalloproteinase concentrations.

Clusterin up-regulation following sub-lethal oxidative stress and lipid peroxidation in human neuroblastoma cells.

[Effect of adenovirus-mediated mutant exogenous P27kip1 gene expression on the chemosensitivities of cholangiocarcinoma cell line].

Mental health status of municipal solid waste incinerator workers compared with local government office workers.

Carcinogenicity of "non-dioxinlike" polychlorinated biphenyls.

Risk assessments of polychlorinated dibenzo- p-dioxins, polychlorinated dibenzofurans, and dioxin-like polychlorinated biphenyls in food.

Today's epidemics in children: possible relations to environmental pollution and suggested preventive measures.

Comparison of chronic toxicity and carcinogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in 2-year bioassays in female Sprague-Dawley rats.

Carcinogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in experimental models.

Aqueous extract of *Trigonella foenum-graecum* L. ameliorates additive urotoxicity of buthionine sulfoximine and cyclophosphamide in mice.

Exposure to non-arsenic pesticides is associated with lymphoma among farmers in Spain.

t(14;18) translocations in lymphocytes of healthy dioxin-exposed individuals from Seveso, Italy.

Bifunctional modulating effects of an indigo dimer (bisindigotin) to CYP1A1 induction in H4IIE cells.

Arsenic inhibits induction of cytochrome P450 1A1 by 2,3,7,8-tetrachlorodibenzo-p-dioxin in human hepatoma cells.

Oxidative stress by ascorbate/menadione association kills K562 human chronic myelogenous leukaemia cells and inhibits its tumour growth in nude mice.

Over-expression of AhR (aryl hydrocarbon receptor) induces neural differentiation of Neuro2a cells: neurotoxicology study.

Low-dose risk, hormesis, analogical and logical thinking.

Cancer and pesticides: an overview and some results of the Italian multicenter case-control study on hematolymphopietic malignancies.

Aryl hydrocarbon receptor agonists directly activate estrogen receptor alpha in MCF-7 breast cancer cells.

Novel functional association of serine palmitoyltransferase subunit 1-A peptide in sphingolipid metabolism with cytochrome P4501A1 transactivation and proliferative capacity of the human Glioma LN18 brain tumor cell line.

Preconception brief: occupational/environmental exposures.

PCB 153, a non-dioxin-like tumor promoter, selects for beta-catenin (Catnb)-mutated mouse liver tumors.

Quaternary benzo[c]phenanthridine alkaloids sanguinarine and chelerythrine do not affect transcriptional activity of aryl hydrocarbon receptor: analyses in rat hepatoma cell line H4IIE.luc.

Molecular mechanism of inhibitory aryl hydrocarbon receptor-estrogen receptor/Sp1 cross talk in breast cancer cells.

Inhibitory effect of caffeic acid phenethyl ester on the growth of SW480 colorectal tumor cells involves beta-catenin associated signaling pathway down-regulation.

Quantitative relationship of dioxin-responsive gene expression to dioxin response element in Hep3B and HepG2 human hepatocarcinoma cell lines.

Agricultural pesticide use and risk of t(14;18)-defined subtypes of non-Hodgkin lymphoma.

Ah receptor: dioxin-mediated toxic responses as hints to deregulated physiologic functions.

Down-regulation of wt1 expression in leukemia cell lines as part of apoptotic effect in arsenic treatment using two compounds.

TCDD exposure-response analysis and risk assessment.

Epigenetic inactivation of the dioxin-responsive cytochrome P4501A1 gene in human prostate cancer.

Decreased nitric oxide production in the rat brain after chronic arsenic exposure.

Mechanisms of 2-butoxyethanol-induced hemangiosarcomas.

Insulin-like growth factor-I increases bone sialoprotein (BSP) expression through fibroblast growth factor-2 response element and homeodomain protein-binding site in the proximal promoter of the BSP gene.

Estimated cancer risk of dioxins to humans using a bioassay and physiologically based pharmacokinetic model.

Effect of biochanin A on the aryl hydrocarbon receptor and cytochrome P450 1A1 in MCF-7 human breast carcinoma cells.

Dioxin exposure and benign prostatic hyperplasia.

Unique secondary chromosomal abnormalities are frequently found in the chronic phase of chronic myeloid leukemia in southern Vietnam.

A comparative study on the antimutagenicity of atorvastatin and lovastatin against directly acting mutagens.

HCV proteins increase expression of heme oxygenase-1 (HO-1) and decrease expression of Bach1 in human hepatoma cells.

Overexpression of survivin in primary ATL cells and sodium arsenite induces apoptosis by down-regulating survivin expression in ATL cell lines.

[Development of invasive urinary bladder carcinomas].

Characterization of ryanodine receptor-mediated calcium release in human B cells: relevance to diagnostic testing for malignant hyperthermia.

The aryl hydrocarbon receptor pathway and sexual differentiation of neuroendocrine functions.

A potential endogenous ligand for the aryl hydrocarbon receptor has potent agonist activity in vitro and in vivo.

Aryl hydrocarbon receptor-independent activation of estrogen receptor-dependent transcription by 3-methylcholanthrene.

Consumption advisories for salmon based on risk of cancer and noncancer health effects.

BRCA1 modulates xenobiotic stress-inducible gene expression by interacting with ARNT in human breast cancer cells.

Expression profiling of estrogen-responsive genes in breast cancer cells treated with alkylphenols, chlorinated phenols, parabens, or bis- and benzoylphenols for evaluation of estrogenic activity.

[Environmental pollution from dioxins and soft tissue sarcomas in the population of Venice and Mestre: an example of the use of current electronic information sources].

NTP technical report on the toxicology and carcinogenesis studies of 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (Gavage studies).

Relative cancer potencies of selected dioxin-like compounds on a body-burden basis: comparison to current toxic equivalency factors (TEFs).

Clinical pharmacokinetic study of arsenic trioxide in an acute promyelocytic leukemia (APL) patient: speciation of arsenic metabolites in serum and urine.

Review and meta-analysis of risk estimates for prostate cancer in pesticide manufacturing workers.

Dual treatment with COX-2 inhibitor and sodium arsenite leads to induction of surface Fas Ligand expression and Fas-Ligand-mediated apoptosis in human melanoma cells.

Recommended relative potency factors for 2,3,4,7,8-pentachlorodibenzofuran: the impact of different dose metrics.

Pendimethalin exposure and cancer incidence among pesticide applicators.

Chronic exposure to methylated arsenicals stimulates arsenic excretion pathways and induces arsenic tolerance in rat liver cells.

Synchrotron microradiography study on acute lung injury of mouse caused by PM(2.5) aerosols.

The dioxin receptor is silenced by promoter hypermethylation in human acute lymphoblastic leukemia through inhibition of Sp1 binding.

Microtubules are more stable and more highly acetylated in ethanol-treated hepatic cells.

Role of CYP3A4 in the regulation of the aryl hydrocarbon receptor by omeprazole sulphide.

Functional properties of ryanodine receptors carrying three amino acid substitutions identified in patients affected by multi-minicore disease and central core disease, expressed in immortalized lymphocytes.

In vivo-in vitro toxicogenomic comparison of TCDD-elicited gene expression in Hepa1c1c7 mouse hepatoma cells and C57BL/6 hepatic tissue.

Quantitation of toxic arsenic species and arsenobetaine in Pacific oysters using an off-line process with hydride generation-atomic absorption spectroscopy.

Loss of glial lazarrillo, a homolog of apolipoprotein D, reduces lifespan and stress resistance in *Drosophila*.

NTP technical report on the toxicology and carcinogenesis studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (CAS No. 1746-01-6) in female Harlan Sprague-Dawley rats (Gavage Studies).

Involvement of cytoskeleton in AhR-dependent CYP1A1 expression.

Quantitative analysis of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced proteome alterations in 5L rat hepatoma cells using isotope-coded protein labels.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induced cytochrome P450s alter the formation of reactive oxygen species in liver cells.

Uncertainties related to the assignment of a toxic equivalency factor for 1,2,3,4,6,7,8,9-octachlorodibenzo-p-dioxin.

Characterization of transferrin receptor-dependent GaC-Tf-FeN transport in human leukemic HL60 cells.

Identifying soil cleanup criteria for dioxins in urban residential soils: how have 20 years of research and risk assessment experience affected the analysis?

Silybin and dehydrosilybin inhibit cytochrome P450 1A1 catalytic activity: a study in human keratinocytes and human hepatoma cells.

Global gene expression associated with hepatocarcinogenesis in adult male mice induced by in utero arsenic exposure.

Bothrops moojeni myotoxin-II, a Lys49-phospholipase A2 homologue: an example of function versatility of snake venom proteins.

Synergism in immunotoxicological effects due to repeated combined administration of arsenic and lead in mice.

Depletion of securin increases arsenite-induced chromosome instability and apoptosis via a p53-independent pathway.

Time-course changes of mixture effects on AhR binding-dependent luciferase activity in a crude extract from a compost sample.

Time-dependent effects of sodium arsenite on DNA breakage and apoptosis observed in the comet assay.

TCDD as a biological response modifier for Mitomycin C: oxygen tension affects enzyme activation, reactive oxygen species and cell death.

The ligand status of the aromatic hydrocarbon receptor modulates transcriptional activation of BRCA-1 promoter by estrogen.

Lymphoid leukaemia in a saker falcon.

Biosynthesis of ¹⁴C-phytoene from tomato cell suspension cultures (*Lycopersicon esculentum*) for utilization in prostate cancer cell culture studies.

Control selection and pesticide exposure assessment via GIS in prostate cancer studies.

A Weight-of-evidence analysis of the cancer dose-response characteristics of 2,3,7,8-tetrachlorodibenzodioxin (TCDD).

Investigation of sanguinarine and chelerythrine effects on CYP1A1 expression and activity in human hepatoma cells.

The citrus flavonoid naringenin stimulates DNA repair in prostate cancer cells.

Occupational factors and risk of adult bone sarcomas: a multicentric case-control study in Europe.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces matrix metalloproteinase (MMP) expression and invasion in A2058 melanoma cells.

Arsenic induced apoptosis in rat liver following repeated 60 days exposure.

Antioxidant, antimutagenic, and antitumor effects of pine needles (*Pinus densiflora*).

NF-kappaB-associated MnSOD induction protects against beta-amyloid-induced neuronal apoptosis.

Chloroacetaldehyde as a sulfhydryl reagent: the role of critical thiol groups in ifosfamide nephropathy.

Chondroitin sulfate A chains enhance platelet derived growth factor-mediated signalling in fibrosarcoma cells.

Possible beneficial effects of melatonin supplementation on arsenic-induced oxidative stress in Wistar rats.

Polychlorinated biphenyls (PCBs): routes of exposure and effects on human health.

Molecular biology of the nasal airways: how do we assess cellular and molecular responses in the nose?

[The multifaceted effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in organisms, especially dentition changes].

NTP toxicology and carcinogenesis studies of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (CAS No. 57465-28-8) in female Harlan Sprague-Dawley rats (Gavage Studies).

CXCL12 is displayed by rheumatoid endothelial cells through its basic amino-terminal motif on heparan sulfate proteoglycans.

Regression analysis of pesticide use and breast cancer incidence in California Latinas.

Arsenic-induced cell death in liver and brain of experimental rats.

Treatment for simple plantar verrucae: monochloroacetic acid and 10% formaldehyde versus 10% formaldehyde alone.

Arsenic exposure in Hungary, Romania and Slovakia.

Effects of caffeine, halothane, and 4-chloro-m-cresol on skeletal muscle lactate and pyruvate in malignant hyperthermia-susceptible and normal swine as assessed by microdialysis.

Glycerol uptake in HCT-15 human colon cancer cell line by Na(+)-dependent carrier-mediated transport.

Activation of telomerase in BeWo cells by estrogen and 2,3,7,8-tetrachlorodibenzo-p-dioxin in cooperation with c-Myc.

Quantification of urinary allantoin by capillary zone electrophoresis during recombinant urate oxydase (rasburicase) therapy.

Potential of apoptosis by heat stress plus pesticide exposure in stress resistant human B-lymphoma cells and its attenuation through interaction with follicular dendritic cells: role for c-Jun N-terminal kinase signaling.

The aryl hydrocarbon receptor directly regulates expression of the potent mitogen epiregulin.

Induction of cytochrome P450-1A by the equine estrogen equilenin, a new endogenous aryl hydrocarbon receptor ligand.

Detection of equine herpesvirus type 1 using a real-time polymerase chain reaction.

The influence of inulin on the absorption of nitrogen and the production of metabolites of protein fermentation in the colon.

Hepatic gene downregulation following acute and subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Modeling inflammation-drug interactions in vitro: a rat Kupffer cell-hepatocyte coculture system.

ATM/ATR-related checkpoint signals mediate arsenite-induced G2/M arrest in primary aortic endothelial cells.

cis-Terpenones as an effective chemopreventive agent against aflatoxin B1-induced cytotoxicity and TCDD-induced P450 1A/B activity in HepG2 cells.

Serum dioxin-like activity is associated with reproductive parameters in young men from the general Flemish population.

Influx of macrophages into livers of rats treated with hepatotoxicants (thioacetamide, allyl alcohol, D-galactosamine) induces expression of HSP25.

Deletion and single nucleotide substitution at G:C in the kidney of gpt delta transgenic mice after ferric nitrilotriacetate treatment.

TNF-alpha, IFN-gamma, and IL-1beta modulate hyaluronan synthase expression in human skin fibroblasts: synergistic effect by concomitant treatment with FeSO4 plus ascorbate.

Cytotoxic effects of S-(dimethylarsino)-glutathione: a putative intermediate metabolite of inorganic arsenicals.

Duox2 exhibits potent heme peroxidase activity in human respiratory tract epithelium.

Identification and characterization of genes susceptible to transcriptional cross-talk between the hypoxia and dioxin signaling cascades.

Acetylcholinesterase inhibition and gill lesions in *Rasbora caverii*, an indigenous fish inhabiting rice field associated waterbodies in Sri Lanka.

Differential regulation of sinusoidal and canalicular hepatic drug transporter expression by xenobiotics activating drug-sensing receptors in primary human hepatocytes.

Evaluation of the sensitivity of three sublethal cytotoxicity assays in human HepG2 cell line using water contaminants.

Toxicology and carcinogenesis studies of a mixture of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (Cas No. 1746-01-6), 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4), and 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) in female Harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4) in female Harlan Sprague-Dawley rats (gavage studies).

Results of a long-term carcinogenicity bioassay on Sprague-Dawley rats exposed to sodium arsenite administered in drinking water.

The novel Src kinase inhibitor M475271 inhibits VEGF-induced vascular endothelial-cadherin and beta-catenin phosphorylation but increases their association.

Aldehydes release zinc from proteins. A pathway from oxidative stress/lipid peroxidation to cellular functions of zinc.

Roles of cellular activation and sulfated glycans in Haemophilus somnus adherence to bovine brain microvascular endothelial cells.

Regulation of the CYP1A1 gene by 2,3,7,8-tetrachlorodibenzo-p-dioxin but not by beta-naphthoflavone or 3-methylcholanthrene is altered in hepatitis C virus replicon-expressing cells.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (gavage studies).

Effects of hypoxia and limited diffusion in tumor cell microenvironment on bystander effect of P450 prodrug therapy.

Case report: Hydroquinone and/or glutaraldehyde induced acute myeloid leukaemia?

Arsenicals in maternal and fetal mouse tissues after gestational exposure to arsenite.

Gene expression profile by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the liver of wild-type (AhR+/+) and aryl hydrocarbon receptor-deficient (AhR-/-) mice.

Cortical microtubule arrays lose uniform alignment between cells and are oryzalin resistant in the Arabidopsis mutant, radially swollen 6.

Sustained aryl hydrocarbon receptor activity attenuates liver regeneration.

Kinetics of arsenic methylation by freshly isolated B6C3F1 mouse hepatocytes.

Differences in tumor-associated protein levels among middle-age Flemish women in association with area of residence and exposure to pollutants.

Exposure of mice to arsenic and/or benzo[a]pyrene does not increase the frequency of Aprt-deficient cells recovered from explanted skin of Aprt heterozygous mice.

Identification of new human pregnane X receptor ligands among pesticides using a stable reporter cell system.

Novel compound 2-methyl-2H-pyrazole-3-carboxylic acid (2-methyl-4-o-tolylazo-phenyl)-amide (CH-223191) prevents 2,3,7,8-TCDD-induced toxicity by antagonizing the aryl hydrocarbon receptor.

Geldanamycin, an inhibitor of Hsp90, potentiates cytochrome P450E1-mediated toxicity in HepG2 cells.

A novel integrin alpha5beta1 binding domain in module 4 of connective tissue growth factor (CCN2/CTGF) promotes adhesion and migration of activated pancreatic stellate cells.

Tissue specific induction of cytochrome P450 (CYP) 1A1 and 1B1 in rat liver and lung following in vitro (tissue slice) and in vivo exposure to benzo(a)pyrene.

Enhancing effects of simultaneous treatment with sodium nitrite on 2-amino-3-methylimidazo[4,5-f]quinoline-induced rat liver, colon and Zymbal's gland carcinogenesis after initiation with diethylnitrosamine and 1,2-dimethylhydrazine.

Hormesis: implications for cancer risk assessment.

Induction of oxidative stress responses by dioxin and other ligands of the aryl hydrocarbon receptor.

Dioxin cancer risk--example of hormesis?

Cytotoxicity and aryl hydrocarbon receptor-mediated activity of n-heterocyclic polycyclic aromatic hydrocarbons: structure-activity relationships.

Body burdens of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls and their relations to estrogen metabolism in pregnant women.

Cytochrome P450 expression and metabolic activation of cooked food mutagen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in MCF10A breast epithelial cells.

Analytical methods for trace levels of reactive carbonyl compounds formed in lipid peroxidation systems.

Influence of phenol, p-cresol and indole on growth and survival of intestinal lactic acid bacteria.

Induction of DNA strand breaks, DNA-protein crosslinks and sister chromatid exchanges by arsenite in a human lung cell line.

Preferential inducibility of CYP1A1 and CYP1A2 by TCDD: differential regulation in primary human hepatocytes versus transformed human cells.

Human response to dioxin: aryl hydrocarbon receptor (AhR) molecular structure, function, and dose-response data for enzyme induction indicate an impaired human AhR.

The aryl hydrocarbon receptor activates the retinoic acid receptoralpha through SMRT antagonism.

Influence of orange juice in the levels and in the genotoxicity of iron and copper.

Human sulphotransferases are involved in the activation of aristolochic acids and are expressed in renal target tissue.

Effects of chronic exposure to sodium arsenite on hypothalamo-pituitary-testicular activities in adult rats: possible an estrogenic mode of action.

In vitro cytotoxicity of TCDD on SPC-A1 cells.

Synthetic smooth muscle cell phenotype is associated with increased nicotinamide adenine dinucleotide phosphate oxidase activity: effect on collagen secretion.

Constitutive activation of the aryl hydrocarbon receptor in T-lineage cells induces thymus involution independently of the Fas/Fas ligand signaling pathway.

Combination of in vitro bioassays encompassing different mechanisms to determine the endocrine-disrupting effects of river water.

Recent female mouse models displaying advanced reproductive aging.

Piceatannol upregulates endothelial heme oxygenase-1 expression via novel protein kinase C and tyrosine kinase pathways.

Synthesis, structure and assessment of the cytotoxic properties of 2,5-dimethylazaferrocenyl phosphonates.

Antiproliferative and antiangiogenic effects of 3-methylcholanthrene, an aryl-hydrocarbon receptor agonist, in human umbilical vascular endothelial cells.

Environmental toxicants and effects on female reproductive function.

Co-administration of zinc and n-acetylcysteine prevents arsenic-induced tissue oxidative stress in male rats.

Manganese enhances peroxynitrite and leukotriene E4 formation in bovine aortic endothelial cells exposed to arsenic.

[Exposure to dioxins in the environment and their health risk].

Environmental impact and human health risks of polychlorinated dibenzo-p-dioxins and dibenzofurans in the vicinity of a new hazardous waste incinerator: a case study.

Association between marijuana use and transitional cell carcinoma.

Competing roles of aldo-keto reductase 1A1 and cytochrome P4501B1 in benzo[a]pyrene-7,8-diol activation in human bronchoalveolar H358 cells: role of AKRs in P4501B1 induction.

Enterocyte cytoskeleton changes are crucial for enhanced translocation of nonpathogenic Escherichia coli across metabolically stressed gut epithelia.

Amine oxidases in apoptosis and cancer.

Specific induction of oxidative stress in terminal bronchiolar Clara cells during dimethylarsenic-induced lung tumor promoting process in mice.

Mutagenicity study of butachlor and its metabolites using Salmonella typhimurium.

The bipyridyl herbicide paraquat produces oxidative stress-mediated toxicity in human neuroblastoma SH-SY5Y cells: relevance to the dopaminergic pathogenesis.

Gene expression profiling of responses to dimethylarsinic acid in female F344 rat urothelium.

Triazine herbicides and epithelial ovarian cancer risk in central California.

Paraquat neurotoxicity is distinct from that of MPTP and rotenone.

Effects of 2,4-D and DCP on the DHT-induced androgenic action in human prostate cancer cells.

Ability of the Hershberger assay protocol to detect thyroid function modulators.

Acrolein in cigarette smoke inhibits T-cell responses.

The use of flow cytometric methods in acute and long-term in vitro testing.

[Cytotoxicity and genotoxicity of human cells exposed in vitro to glyphosate].

The role of trivalent dimethylated arsenic in dimethylarsinic acid-promoted skin and lung tumorigenesis in mice: tumor-promoting action through the induction of oxidative stress.

Insect repellents, phenoxyherbicide exposure, and non-Hodgkin's lymphoma.

Persistent inhibition of human natural killer cell function by ziram and pentachlorophenol.

Activity of NADPH-cytochrome P-450 reductase of the human heart, liver and lungs in the presence of (-)-epigallocatechin gallate, quercetin and resveratrol: an in vitro study.

Altered gene expression in human hepatoma HepG2 cells exposed to low-level 2,4-dichlorophenoxyacetic acid and potassium nitrate.

Differential effects of glyphosate and roundup on human placental cells and aromatase.

A toxicologic and dermatologic assessment of cinnamyl alcohol, cinnamaldehyde and cinnamic acid when used as fragrance ingredients.

Postservice mortality of Air Force veterans occupationally exposed to herbicides during the Vietnam War: 20-year follow-up results.

The role of microglia in paraquat-induced dopaminergic neurotoxicity.

Residential herbicide use and risk of non-Hodgkin lymphoma.

Oral exposure to atrazine modulates cell-mediated immune function and decreases host resistance to the B16F10 tumor model in female B6C3F1 mice.

A risk assessment of atrazine use in California: human health and ecological aspects.

Inorganic arsenic compounds and methylated metabolites induce morphological transformation in two-stage BALB/c 3T3 cell assay and inhibit metabolic cooperation in V79 cell assay.

Genotoxic effects of pentachlorophenol, lindane, transfluthrin, cyfluthrin, and natural pyrethrum on human mucosal cells of the inferior and middle nasal conchae.

Lack of combination hepatocarcinogenicity of harman, norharman and amitrole when given with NaNO₂ in the rat.

Induction of cytotoxicity, aldehydic DNA lesions, and poly(ADP-ribose) polymerase-1 activation by catechol derivatives of pentachlorophenol in calf thymus DNA and in human breast cancer cells.

Nitrofen induces a redox-dependent apoptosis associated with increased p38 activity in P19 teratocarcinoma cells.

Effects of co-administration of antioxidants and arsenicals on the rat urinary bladder epithelium.

Transformed roots of *Crepis capillaris*--a [corrected] sensitive system for the evaluation of the clastogenicity of abiotic agents.

Herbicides and nitrates in groundwater of Maryland and childhood cancers: a geographic information systems approach.

Rapid chromatographic methods for the identification and determination of chlorophenoxy herbicides.

Chemopreventive properties of trans-resveratrol against the cytotoxicity of chloroacetanilide herbicides in vitro.

Arsenic-induced micronuclei formation in mammalian cells and its counteraction by tea.

Cancer incidence among glyphosate-exposed pesticide applicators in the Agricultural Health Study.

Review of the genotoxicity of 4-chloro-2-methylphenoxyacetic acid.

Mortality in New Zealand workers exposed to phenoxy herbicides and dioxins.

Long-lived alphaMUPA transgenic mice show reduced SOD2 expression, enhanced apoptosis and reduced susceptibility to the carcinogen dimethylhydrazine.

Forced uptake of trivalent and pentavalent methylated and inorganic arsenic and its cyto-/genotoxicity in fibroblasts and hepatoma cells.

Doxorubicin increases intracellular hydrogen peroxide in PC3 prostate cancer cells.

Cinnamaldehyde-induced apoptosis in human PLC/PRF/5 cells through activation of the proapoptotic Bcl-2 family proteins and MAPK pathway.

TRPA1 and TRPM8 activation in humans: effects of cinnamaldehyde and menthol.

Influence of atrazine administration and reduction of calorie intake on prostate carcinogenesis in probasin/SV40 T antigen transgenic rats.

Expression of gastrointestinal glutathione peroxidase is inversely correlated to the presence of hepatitis C virus subgenomic RNA in human liver cells.

Urinary trivalent methylated arsenic species in a population chronically exposed to inorganic arsenic.

Plasma retinoid profile in bullfrogs, *Rana catesbeiana*, in relation to agricultural intensity of sub-watersheds in the Yamaska River drainage basin, QuÃ©bec, Canada.

Inhibition of NFkappaB activation and IL-8 expression in human bronchial epithelial cells by acrolein.

Possible enhancing effects of atrazine on growth of 7,12-dimethylbenz(a) anthracene-induced mammary tumors in ovariectomized Sprague-Dawley rats.

Re: "Cancer incidence among pesticide applicators exposed to alachlor in the agricultural health study".

Development of a method for quantification of acrolein-deoxyguanosine adducts in DNA using isotope dilution-capillary LC/MS/MS and its application to human brain tissue.

DNA damage in leukocytes of workers occupationally exposed to arsenic in copper smelters.

Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in mice following acute oral administration of arsenate.

Tissue distribution of arsenic species in rabbits after single and multiple parenteral administration of arsenic trioxide: tissue accumulation and the reversibility after washout are tissue-selective.

Influence of protein binding on acrolein turnover in vitro by oxazaphosphorines and liver microsomes.

Molecular events associated with arsenic-induced malignant transformation of human prostatic epithelial cells: aberrant genomic DNA methylation and K-ras oncogene activation.

Aryl hydrocarbon exposure induces expression of MMP-9 in human prostate cancer cell lines.

Arsenite delays progression through each cell cycle phase and induces apoptosis following G2/M arrest in U937 myeloid leukemia cells.

Suppressive effects of caraway (*Carum carvi*) extracts on 2, 3, 7, 8-tetrachloro-dibenzo-p-dioxin-dependent gene expression of cytochrome P450 1A1 in the rat H4IIE cells.

Enhanced response to caffeine and 4-chloro-m-cresol in malignant hyperthermia-susceptible muscle is related in part to chronically elevated resting $[Ca^{2+}]_i$.

Identification of aldehyde oxidase 1 and aldehyde oxidase homologue 1 as dioxin-inducible genes.

Cell death induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) in AtT-20 pituitary cells.

Tyrosine kinase inhibitors attenuate Japanese encephalitis virus-induced neurotoxicity.

Mitochondrial $O_2^{\cdot-}$ and H_2O_2 mediate glucose deprivation-induced stress in human cancer cells.

[Not only eggs from free roaming chickens are contaminated. How dangerous is dioxin in foods?].

Endemic nephropathy: the case for chronic poisoning by aristolochia.

Effects of arsenic and UVB on normal human cultured keratinocytes: impact on apoptosis and implication on photocarcinogenesis.

Effects of arsenite on cell cycle progression in a human bladder cancer cell line.

Transcriptional activation of the membrane-bound progesterone receptor (mPR) by dioxin, in endocrine-responsive tissues.

Deregulation of cell proliferation by polycyclic aromatic hydrocarbons in human breast carcinoma MCF-7 cells reflects both genotoxic and nongenotoxic events.

Aminolevulinic acid: from its unique biological function to its star role in photodynamic therapy.

Pesticide use and breast cancer risk among farmers' wives in the agricultural health study.

Consideration of soil properties in assessment of human health risk from exposure to arsenic-enriched soils.

Agricultural exposures and non-Hodgkin's lymphoma.

Reduction of alachlor-induced olfactory mucosal neoplasms by the matrix metalloproteinase inhibitor Ro 28-2653.

Use of black tea in modulating clastogenic effects of arsenic in mice in vivo.

[Health risk related to municipal waste incineration].

Celecoxib inhibits proliferation and induces apoptosis via cyclooxygenase-2 pathway in human pancreatic carcinoma cells.

Comparison of farmers in the agricultural health study to the 1992 and the 1997 censuses of agriculture.

Effects of dioxin and nutrition on cellular proliferation and dioxin- and estrogen-linked genes in ovarian cancer cell lines.

The epidemiology of pesticide exposure and cancer: A review.

Amelioration of sodium arsenite-induced clastogenicity by tea extracts in Chinese hamster v79 cells.

Olfactory epithelial metaplasia and hyperplasia in female Harlan Sprague-Dawley rats following chronic treatment with polychlorinated biphenyls.

Classification of proliferative hepatocellular lesions in harlan sprague-dawley rats chronically exposed to dioxin-like compounds.

Quantitation of polychlorinated biphenyls in fish for human cancer risk assessment: a comparative case study.

Quantification of viability in organotypic multicellular spheroids of human malignant glioma using lactate dehydrogenase activity: a rapid and reliable automated assay.

Dose-additive carcinogenicity of a defined mixture of "dioxin-like compounds".

Role of aldehyde dehydrogenase isozymes in the defense of rat lens and human lens epithelial cells against oxidative stress.

Agricultural pesticide use and childhood cancer in California.

Gingival carcinogenicity in female Harlan Sprague-Dawley rats following two-year oral treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like compounds.

A beta-catenin-dependent pathway regulates expression of cytochrome P450 isoforms in mouse liver tumors.

Regulation of aryl hydrocarbon receptor signal transduction by protein tyrosine kinases.

Lack of CYP1A1 expression is involved in unresponsiveness of the human hepatoma cell line SK-HEP-1 to dioxin.

The epidemiology of non-Hodgkin lymphoma.

Toxicology and carcinogenesis studies of sodium chlorate (Cas No. 7775-09-9) in F344/N rats and B6C3F1 mice (drinking water studies).

[Risk factors for pediatric malignant bone tumors].

Persistent organochlorine chemicals in plasma and risk of non-Hodgkin's lymphoma.

Glycolytic glioma cells with active glycogen synthase are sensitive to PTEN and inhibitors of PI3K and gluconeogenesis.

Vitamin E and organoselenium prevent the cocarcinogenic activity of arsenite with solar UVR in mouse skin.

Sharks do get cancer: few surprises in cartilage research.

Agricultural pesticide use and risk of glioma in Nebraska, United States.

Parental occupational exposure to pesticides and childhood germ-cell tumors.

Occupational exposure to pesticides and risk of non-Hodgkin's lymphoma.

Regulatory mechanisms modulating the expression of cytochrome P450 1A1 gene by heavy metals.

Synthesis and biodistribution of (11)C-GW7845, a positron-emitting agonist for peroxisome proliferator-activated receptor- γ .

Neuritogenesis and neuronal differentiation promoted by 2,4-dinitrophenol, a novel anti-amyloidogenic compound.

Severe cyanide toxicity from 'vitamin supplements'.

Carcinogenic risks of dioxin: mechanistic considerations.

Identification of BCRP as transporter of benzo[a]pyrene conjugates metabolically formed in Caco-2 cells and its induction by Ah-receptor agonists.

Adhesion and Rac1-dependent regulation of biglycan gene expression by transforming growth factor-beta. Evidence for oxidative signaling through NADPH oxidase.

Assay of the synthetic estrogen fosfestrol in pharmaceutical formulations using capillary electrophoresis.

Induction of the heat shock response in vivo inhibits NF-kappaB activity and protects murine liver from endotoxemia-induced injury.

Cumulative and bolus in vitro contracture testing with 4-chloro-3-ethylphenol in malignant hyperthermia positive and negative human skeletal muscles.

Cytochrome P450 1B1 is overexpressed and regulated by hypomethylation in prostate cancer.

Low level, long-term inorganic arsenite exposure causes generalized resistance to apoptosis in cultured human keratinocytes: potential role in skin co-carcinogenesis.

Biomarkers of exposure, effect, and susceptibility of arsenic-induced health hazards in Taiwan.

Immortalized mouse mammary fibroblasts lacking dioxin receptor have impaired tumorigenicity in a subcutaneous mouse xenograft model.

[Effect of salidroside on mitochondria injury induced by sodium azide].

Thioredoxin overexpression in HT-1080 cells induced cellular senescence and sensitization to gamma radiation.

Combined effects of protein kinase inhibitors and 5-fluorouracil on CEA expression in human colon cancer cells.

In utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure: effects on the prostate and its response to castration in senescent C57BL/6J mice.

Induction of p53 by urokinase in lung epithelial cells.

Effect of caffeic acid phenethyl ester on proliferation and apoptosis of colorectal cancer cells in vitro.

Loss of mitochondrial membrane potential and caspase activation enhance apoptosis in irradiated K562 cells treated with herbimycin A.

[Development of the method of magnetic neutron capture therapy of cancer].

Carbon-11 labeled sigma2 receptor ligands for imaging breast cancer.

Aryl hydrocarbon receptor-mediated transcription: ligand-dependent recruitment of estrogen receptor alpha to 2,3,7,8-tetrachlorodibenzo-p-dioxin-responsive promoters.

Development of a new hybrid gel phantom using carrageenan and gellan gum for visualizing three-dimensional temperature distribution during hyperthermia and radiofrequency ablation.

One agent, many diseases: exposure-response data and comparative risks of different outcomes following silica exposure.

Public health benefits of compliance with current E.U. emissions standards for municipal waste incinerators: a health risk assessment with the CalTox multimedia exposure model.

Human health risk assessment of organochlorines associated with fish consumption in a coastal city in China.

NF-kappaB and not the MAPK signaling pathway regulates GADD45beta expression during acute inflammation.

Adipose levels of dioxins and risk of breast cancer.

High susceptibility of human c-Ha-ras proto-oncogene transgenic rats to carcinogenesis: a cancer-prone animal model.

The heat shock protein 90 inhibitor, 17-allylamino-17-demethoxygeldanamycin, enhances osteoclast formation and potentiates bone metastasis of a human breast cancer cell line.

Induction and activation of the aryl hydrocarbon receptor by IL-4 in B cells.

Peroxiredoxin 6, a 1-Cys peroxiredoxin, functions in antioxidant defense and lung phospholipid metabolism.

Temporal and dose-dependent hepatic gene expression patterns in mice provide new insights into TCDD-Mediated hepatotoxicity.

Identification of the tryptophan photoproduct 6-formylindolo[3,2-b]carbazole, in cell culture medium, as a factor that controls the background aryl hydrocarbon receptor activity.

Transcriptional regulation of NF-E2 p45-related factor (NRF2) expression by the aryl hydrocarbon receptor-xenobiotic response element signaling pathway: direct cross-talk between phase I and II drug-metabolizing enzymes.

Ah receptor- and TCDD-mediated liver tumor promotion: clonal selection and expansion of cells evading growth arrest and apoptosis.

[Mortality for non-Hodgkin lymphoma and soft-tissue sarcoma in the surrounding area of an urban waste incinerator. Campi Bisenzio (Tuscany, Italy) 1981-2001].

Dioxin: a review of its environmental effects and its aryl hydrocarbon receptor biology.

Localization of cytochrome P450 CYP2S1 expression in human tissues by in situ hybridization and immunohistochemistry.

Gliomas and farm pesticide exposure in women: the Upper Midwest Health Study.

Chronic toxicity and carcinogenicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin displays a distinct dose/time toxicity threshold ($c \times t = k$) and a life-prolonging subthreshold effect.

The dioxin/aryl hydrocarbon receptor mediates downregulation of osteopontin gene expression in a mouse model of gastric tumorigenesis.

Effect of a chemical manufacturing plant on community cancer rates.

Increased heat shock protein 70 expression following toxicant-mediated cytotoxicity: a ubiquitous marker of toxicant exposure?

Uptake, cellular distribution and novel cellular binding proteins of immunostimulatory CpG oligodeoxynucleotides in glioblastoma cells.

Benzo[a]pyrene, but not 2,3,7,8-TCDD, induces G2/M cell cycle arrest, p21CIP1 and p53 phosphorylation in human choriocarcinoma JEG-3 cells: a distinct signaling pathway.

Did TCDD exposure or service in Southeast Asia increase the risk of cancer in air force Vietnam veterans who did not spray agent orange?

Regulation of extracellular signal-regulated protein kinase signaling in human osteosarcoma cells stimulated with nicotine.

[Possibility of targeting FLT3 kinase for the treatment of leukemia].

Gastric hamartomatous tumours in a transgenic mouse model expressing an activated dioxin/Ah receptor.

Insulinlike growth factor I gene expression is increased in the fetal lung after tracheal ligation.

Bisindigotin, a TCDD antagonist from the Chinese medicinal herb *Isatis indigotica*.

Squamous epithelial lesion of the mandibles and maxillae of wild mink (*Mustela vison*) naturally exposed to polychlorinated biphenyls.

Acidic fibroblast growth factor (FGF-1) and FGF receptor 1 signaling in human Y79 retinoblastoma.

Binding of estrogenic compounds to recombinant estrogen receptor-alpha: application to environmental analysis.

Suppressive effects of ethanolic extracts from propolis and its main botanical origin on dioxin toxicity.

Co-mutagenic activity of arsenic and benzo[a]pyrene in mouse skin.

Mitochondrial function in Leydig cell steroidogenesis.

The role of oxidative stress in the modulation of aryl hydrocarbon receptor-regulated genes by As³⁺, Cd²⁺, and Cr⁶⁺.

Gas- and particulate-phase specific tracer and toxic organic compounds in environmental tobacco smoke.

Sodium arsenite-induced inhibition of eukaryotic translation initiation factor 4E (eIF4E) results in cytotoxicity and cell death.

Function of nuclear sex hormone receptors in gene regulation.

Antimutagenicity and cytotoxicity of the constituents from the aerial parts of *Rumex acetosa*.

Intrinsic function of the aryl hydrocarbon (dioxin) receptor as a key factor in female reproduction.

2,3,7,8-TCDD equivalence and mutagenic activity associated with PM₁₀ from three urban locations in New Zealand.

Chemicals as tumor-inducing agents.

Mode of action: reduction of testosterone availability--molluscicide-induced inhibition of spermatogenesis.

[Political poisoning with dioxins--a weapon of chemical "disgracefulness"].

Antimutagenic and anti-oxidant activities of the non-steroidal anti-inflammatory drug celecoxib.

Comparison of the cytotoxicity of the MEIC reference chemicals measured in protein free and in complete culture medium.

Toxicological evaluation of glycerin as a cigarette ingredient.

Inhibition of IgE-dependent mouse triphasic cutaneous reaction by a boiling water fraction separated from mycelium of *Phellinus linteus*.

Current and emerging challenges in toxicopathology: carcinogenic threshold of phenobarbital and proof of arsenic carcinogenicity using rat medium-term bioassays for carcinogens.

Inter-individual susceptibility to environmental toxicants--a current assessment.

Differential effects of eicosapentaenoic and docosahexaenoic acids upon oxidant-stimulated release and uptake of arachidonic acid in human lymphoma U937 cells.

Three-dimensional quantitative structure activity relationship (3D-QSAR) analysis for in vitro toxicity of chlorophenols to HepG2 cells.

Human CD34-positive hematopoietic stem cells constitute targets for carcinogenic polycyclic aromatic hydrocarbons.

Altered retinoid metabolism in female Long-Evans and Han/Wistar rats following long-term 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treatment.

Soluble branched (1,4)-beta-D-glucans from *Acetobacter* species enhance antitumor activities against MHC class I-negative and -positive malignant melanoma through augmented NK activity and cytotoxic T-cell response.

Plasma protein level changes in waste incineration workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

EGF receptor-dependent JNK activation is involved in arsenite-induced p21Cip1/Waf1 upregulation and endothelial apoptosis.

Possible repair action of Vitamin C on DNA damage induced by methyl methanesulfonate, cyclophosphamide, FeSO₄ and CuSO₄ in mouse blood cells in vivo.

Risk-based consumption advice for farmed Atlantic and wild Pacific salmon contaminated with dioxins and dioxin-like compounds.

Aspects of dioxin toxicity are mediated by interleukin 1-like cytokines.

Mechanisms of exocrine pancreatic toxicity induced by oral treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Harlan Sprague-Dawley Rats.

Small interference RNA-mediated gene silencing of human biliverdin reductase, but not that of heme oxygenase-1, attenuates arsenite-mediated induction of the oxygenase and increases apoptosis in 293A kidney cells.

Scope for regulation of cigarette smoke toxicity: the case for including charcoal filters.

Scope for regulation of cigarette smoke toxicity according to brand differences in published toxicant emissions.

Mitochondrial damage mediates genotoxicity of arsenic in mammalian cells.

Ascorbic acid and alpha-tocopherol as potent modulators of apoptosis on arsenic induced toxicity in rats.

Silencing of human c-myc oncogene expression by poly-DNP-RNA.

Genotoxicity evaluation of electromagnetic fields generated by 835-MHz mobile phone frequency band.

Dioxins and furans determination in postmortem blood by gas chromatography--high-resolution mass spectrometry.

Transient activation of Ras-dependent signalling at the early stages of Herbimycin A induced erythroid differentiation of human K562 cells.

Functional activity of a monocarboxylate transporter, MCT1, in the human retinal pigmented epithelium cell line, ARPE-19.

Inorganic arsenite alters macrophage generation from human peripheral blood monocytes.

Mechanism of TNF- α modulation of Caco-2 intestinal epithelial tight junction barrier: role of myosin light-chain kinase protein expression.

Human cytochrome p450 2s1: lack of activity in the metabolic activation of several cigarette smoke carcinogens and in the metabolism of nicotine.

Glutathione reductase inhibition and methylated arsenic distribution in Cd1 mice brain and liver.

Carcinogenic activity of cigarette smoke gas phase and its modulation by beta-carotene and N-acetylcysteine.

Neurotoxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in cerebellar granule cells.

Phase I study of MetXia-P450 gene therapy and oral cyclophosphamide for patients with advanced breast cancer or melanoma.

V79-hCYP2E1-hSULT1A1, a cell line for the sensitive detection of genotoxic effects induced by carbohydrate pyrolysis products and other food-borne chemicals.

Exposure to pesticides increases levels of uPA and uPAR in pre-malignant human prostate cells.

A carbohydrate fraction, AIP1, from Artemisia iwayomogi down-regulates Fas gene expression and suppresses apoptotic death of the thymocytes induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Competing roles of cytochrome P450 1A1/1B1 and aldo-keto reductase 1A1 in the metabolic activation of (+/-)-7,8-dihydroxy-7,8-dihydro-benzo[a]pyrene in human bronchoalveolar cell extracts.

Attenuation of cyclosporine A toxicity by sublethal heat shock. Role of catalase.

Prostaglandin E1 transport into rat intestinal cryptic cell line IEC-6.

Chronic exposure to arsenic sensitizes CD3+ and CD56+ human cells to sodium arsenite-mediated apoptosis.

A mixture of ammonium perchlorate and sodium chlorate enhances alterations of the pituitary-thyroid axis caused by the individual chemicals in adult male F344 rats.

Effects of N-acetylcysteine, quercetin, and phytic acid on spontaneous hepatic and renal lesions in LEC rats.

Transport of thalidomide by the human intestinal caco-2 monolayers.

Cytotoxicity and mutagenicity study of waste and purified water samples from electroplating industries prepared by use of ferrous sulfate and wood fly ash.

[Dioxin, poisoning information or brainwashing? On Seveso's and Yushchenko's acne].

Identification of potential biomarkers of genotoxicity and carcinogenicity in L5178Y mouse lymphoma cells by cDNA microarray analysis.

Aryl hydrocarbon receptor-activating polychlorinated biphenyls and their hydroxylated metabolites induce cell proliferation in contact-inhibited rat liver epithelial cells.

Concentration-dependent TCDD elimination kinetics in humans: toxicokinetic modeling for moderately to highly exposed adults from Seveso, Italy, and Vienna, Austria, and impact on dose estimates for the NIOSH cohort.

Paraquat induces oxidative stress and neuronal cell death; neuroprotection by water-soluble Coenzyme Q10.

Herbicide critic dropped from pollution conference.

Pesticides and lung cancer risk in the agricultural health study cohort.

Use of a crop and job specific exposure matrix for estimating cumulative exposure to triazine herbicides among females in a case-control study in the Central Valley of California.

Toxicology and carcinogenesis studies of microencapsulated trans-cinnamaldehyde in rats and mice.

[Biological monitoring and risk assessment].

Immunomodulation of human natural killer cell cytotoxic function by organochlorine pesticides.

Cancer incidence among pesticide applicators exposed to atrazine in the Agricultural Health Study.

Effects of long-term exposure of the red swamp crawfish *Procambarus clarkii* to a mixture of two herbicides, 2,4-dichlorophenoxyacetic acid and monosodium methanearsonate, and associated human health risks.

Mitogenic and cytotoxic effects of pentachlorophenol to AML 12 mouse hepatocytes.

Pentachlorophenol-induced cytotoxic, mitogenic, and endocrine-disrupting activities in channel catfish, *Ictalurus punctatus*.

Toxicity of dipyriddy compounds and related compounds.

Insulin sensitivity following agent orange exposure in Vietnam veterans with high blood levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Chlorpropham-induced splenotoxicity and its recovery in rats.

Biokinetics and subchronic toxic effects of oral arsenite, arsenate, monomethylarsonic acid, and dimethylarsinic acid in v-Ha-ras transgenic (Tg.AC) mice.

The role of active arsenic species produced by metabolic reduction of dimethylarsinic acid in genotoxicity and tumorigenesis.

Role of glutathione in dimethylarsinic acid-induced apoptosis.

Microbial metabolite of dimethylarsinic acid is highly toxic and genotoxic.

Mortality and cancer incidence among alachlor manufacturing workers 1968-99.

Metallothionein (I/II) suppresses genotoxicity caused by dimethylarsinic acid.

An in vitro procedure for evaluation of early stage oxidative stress in an established fish cell line applied to investigation of PHAH and pesticide toxicity.

Detection of acrolein-lysine adducts in plasma low-density lipoprotein and in aorta of cyclophosphamide-administered rats.

Response of rat alveolar type II cells and human lung tumor cells towards oxidative stress induced by hydrogen peroxide and paraquat.

Mammalian toxicology overview and human risk assessment for sulfosulfuron.

Cancer mortality in a cohort of licensed herbicide applicators.

Altered AP-1 (activating protein-1) activity and c-jun activation in T cells exposed to the amide class herbicide 3,4-dichloropropionanilide (DCPA).

Herbicide exposure and the risk of transitional cell carcinoma of the urinary bladder in Scottish Terriers.

Glyphosate-based pesticides affect cell cycle regulation.

A nested case-control study of prostate cancer and atrazine exposure.

Association between Agent Orange and prostate cancer: a pilot case-control study.

The effect of estradiol on the oxidative damage and trace element level determined in the liver of rats treated with dimethylarsinic acid.

Catalase transgenic mice: characterization and sensitivity to oxidative stress.

NTP toxicology and carcinogenesis studies of trans-cinnamaldehyde (CAS No. 14371-10-9) in F344/N rats and B6C3F1 mice (feed studies).

Cancer in US Air Force veterans of the Vietnam War.

Evaluation of the genotoxicity of four herbicides in the wing spot test of *Drosophila melanogaster* using two different strains.

Physiologically based pharmacokinetic modeling of arsenic in the mouse.

alpha-Synuclein selectively increases manganese-induced viability loss in SK-N-MC neuroblastoma cells expressing the human dopamine transporter.

Amitrole.

Sulfallate.

Nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether).

Multiple medical problems following agent orange exposure.

Assessing possible exposures of ground troops to Agent Orange during the Vietnam War: the use of contemporary military records.

Assessment of potential exposure to Agent Orange and its associated TCDD.

Poisoning due to chlorophenoxy herbicides.

The involvement of p53 in paraquat-induced apoptosis in human lung epithelial-like cells.

SCE analysis in G2 lymphocyte prematurely condensed chromosomes after exposure to atrazine: the non-dose-dependent increase in homologous recombinational events does not support its genotoxic mode of action.

[Status of the buccal mucosa in subjects occupationally exposed to chlorophenoxyherbicides].

The cytotoxic activity of lactoperoxidase: enhancement and inhibition by neuroactive compounds.

Lack of modifying effects of an estrogenic compound atrazine on 7,12-dimethylbenz(a)anthracene-induced ovarian carcinogenesis in rats.

High levels of catalase and glutathione peroxidase activity dampen H₂O₂ signaling in human alveolar macrophages.

Anti-estrogenic activity of fifty chemicals evaluated by in vitro assays.

Possible enhancing effects of atrazine and nonylphenol on 7,12-dimethylbenz[a]anthracene-induced mammary tumor development in human c-Ha-ras proto-oncogene transgenic rats.

Alpha-synuclein up-regulation and aggregation during MPP⁺-induced apoptosis in neuroblastoma cells: intermediacy of transferrin receptor iron and hydrogen peroxide.

Resistance of mitochondrial DNA-depleted cells against cell death: role of mitochondrial superoxide dismutase.

2'-benzyloxycinnamaldehyde induces apoptosis in human carcinoma via reactive oxygen species.

Cancer incidence among pesticide applicators exposed to alachlor in the Agricultural Health Study.

Acetaldehyde accumulation suppresses Kupffer cell release of TNF-Alpha and modifies acute hepatic inflammation in rats.

Arsenic speciation in urine from acute promyelocytic leukemia patients undergoing arsenic trioxide treatment.

Distinct roles of c-Abl and Atm in oxidative stress response are mediated by protein kinase C delta.

Monitoring of urinary acrolein concentration in patients receiving cyclophosphamide and ifosfamide.

Recruitment of thyroid hormone receptor/retinoblastoma-interacting protein 230 by the aryl hydrocarbon receptor nuclear translocator is required for the transcriptional response to both dioxin and hypoxia.

Immunostimulating properties of intragastrically administered Acetobacter-derived soluble branched (1,4)-beta-D-glucans decrease murine susceptibility to *Listeria monocytogenes*.

DRESSA: biosensing of dioxin and dioxin-like chemicals using secreted alkaline phosphatase.

Potent inhibition of recombinant human cytochrome p-450 1A1 by pentamethoxystilbene.

TCDD and PCBs inhibit breast cancer cell proliferation in vitro.

Effects of polybrominated diphenyl ethers on basal and TCDD-induced ethoxyresorufin activity and cytochrome P450-1A1 expression in MCF-7, HepG2, and H4IIE cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces suppressor of cytokine signaling 2 in murine B cells.

Lack of antagonism of 2,3,7,8-tetrachlorodibenzo-p-dioxin's (TCDDs) induction of cytochrome P4501A1 (CYP1A1) by the putative selective aryl hydrocarbon receptor modulator 6-alkyl-1,3,8-trichlorodibenzofuran (6-MCDF) in the mouse hepatoma cell line Hepa-1c1c7.

Cancer cluster investigations: use of a hybrid approach in a rural county.

2D LC/MS analysis of membrane proteins from breast cancer cell lines MCF7 and BT474.

Transforming growth factor-beta 1-induced apoptosis is blocked by beta 1-integrin-mediated mitogen-activated protein kinase activation in human hepatoma cells.

Mitochondria-derived oxidative stress induces a heat shock protein response.

Effects of TGF-beta, TNF-alpha, IL-beta and IL-6 alone or in combination, and tyrosine kinase inhibitor on cyclooxygenase expression, prostaglandin E2 production and bone resorption in mouse calvarial bone cells.

Oral and dermal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces cutaneous papillomas and squamous cell carcinomas in female hemizygous Tg.AC transgenic mice.

The induction of cell cycle regulatory and DNA repair proteins in cisplatin-induced acute renal failure.

A trivalent dimethylarsenic compound, dimethylarsine iodide, induces cellular transformation, aneuploidy, centrosome abnormality and multipolar spindle formation in Syrian hamster embryo cells.

Effect of ryanodine receptor mutations on interleukin-6 release and intracellular calcium homeostasis in human myotubes from malignant hyperthermia-susceptible individuals and patients affected by central core disease.

Heparanase uptake is mediated by cell membrane heparan sulfate proteoglycans.

Determination of dioxin and dioxin-like compounds in sediments from UK estuaries using a bio-analytical approach: chemical-activated luciferase expression (CALUX) assay.

Women and omega-3 Fatty acids.

The expression of P-glycoprotein in AML cells with FLT3 internal tandem duplications is associated with reduced apoptosis in response to FLT3 inhibitors.

Breast cancer incidence and its possible spatial association with pesticide application in two counties of England.

Modulation of aryl hydrocarbon receptor-regulated gene expression by arsenite, cadmium, and chromium.

Evaluation of mixture effects in a crude extract of compost using the CALUX bioassay and HPLC fractionation.

Microarray analysis of gene regulation in the Hepa1c1c7 cell line following exposure to the DNA methylation inhibitor 5-aza-2'-deoxycytidine and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Lack of effects of postnatal exposure to a mixture of aryl hydrocarbon-receptor agonists on the development of methylnitrosourea-induced mammary tumors in sprague-dawley rats.

Inhibition of the MEK-1/p42 MAP kinase reduces aryl hydrocarbon receptor-DNA interactions.

Protective activity of hesperidin and lipoic acid against sodium arsenite acute toxicity in mice.

Dioxin revisited: developments since the 1997 IARC classification of dioxin as a human carcinogen.

Agricultural pesticide use and adenocarcinomas of the stomach and oesophagus.

Role of estrogen receptor in regulation of polycyclic aromatic hydrocarbon metabolic activation in lung.

Differential effects of mercury, lead and copper on the constitutive and inducible expression of aryl hydrocarbon receptor (AHR)-regulated genes in cultured hepatoma Hepa 1c1c7 cells.

A novel efflux-recapture process underlies the mechanism of high-density lipoprotein cholesteryl ester-selective uptake mediated by the low-density lipoprotein receptor-related protein.

Chronic inorganic arsenic exposure induces hepatic global and individual gene hypomethylation: implications for arsenic hepatocarcinogenesis.

A HECT E3 ubiquitin-protein ligase with sequence similarity to E6AP does not target p53 for degradation in the softshell clam (*Mya arenaria*).

Local influence analysis when interfacing toxicokinetic and proportional hazard models.

Overexpression of collagenase 1 (MMP-1) is mediated by the ERK pathway in invasive melanoma cells: role of BRAF mutation and fibroblast growth factor signaling.

[Synthesis and antitumor activity of 20-O-linked camptothecin ester derivatives].

Suppression of CYP1A1 expression by naringenin in murine Hepa-1c1c7 cells.

Magnifying endoscopy with indigo carmine contrast for differential diagnosis of neoplastic and nonneoplastic colonic polyps.

The modulation of radiation-induced cell death by genistein in K562 cells: activation of thymidine kinase 1.

The accumulation and toxicity of methylated arsenicals in endothelial cells: important roles of thiol compounds.

Arsenic and urinary bladder cell proliferation.

Evidence that arsenite acts as a cocarcinogen in skin cancer.

Animal models for arsenic carcinogenesis: inorganic arsenic is a transplacental carcinogen in mice.

Understanding arsenic carcinogenicity by the use of animal models.

Lack of genotoxicity of formocresol, paramonochlorophenol, and calcium hydroxide on mammalian cells by comet assay.

Development of an oral cancer slope factor for Aroclor 1268.

The topical application of 2,3,7,8-tetrachlorodibenzo-p-dioxin lacks skin tumor-promoting potency but induces hepatic injury and tumor necrosis factor-alpha expression in ICR male mice.

Flow cytometric methods used as screening tests for basal toxicity of chemicals.

The Ah receptor inhibits estrogen-induced estrogen receptor beta in breast cancer cells.

A constitutively active dioxin/aryl hydrocarbon receptor promotes hepatocarcinogenesis in mice.

Aryl hydrocarbon receptor (AhR)-independent effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on softshell clam (*Mya arenaria*) reproductive tissue.

Aromatic hydrocarbon receptor status in the metabolism of xenobiotics under normal and pathophysiological conditions.

[Toxicological significance of metallothionein on environmental harmful factors: verification and suggestions from a metallothionein-I/II null mouse model study].

4-chloro-m-cresol cannot detect malignant hyperthermia equivocal cells in an alternative minimally invasive diagnostic test of malignant hyperthermia susceptibility.

Intravesical resiniferatoxin decreases spinal c-fos expression and increases bladder volume to reflex micturition in rats with chronic inflamed urinary bladders.

Functional characterization of malignant hyperthermia-associated RyR1 mutations in exon 44, using the human myotube model.

Waste wood recycling as animal bedding and development of bio-monitoring tool using the CALUX assay.

Antioxidant capacity of cultured mammalian cells estimated by ESR method.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits cell proliferation through arylhydrocarbon receptor-mediated G1 arrest in SK-N-SH human neuronal cells.

[Dioxin emissions and soft-tissue sarcoma: results of a population-based case-control study].

Endocrine disrupting pesticides: a leading cause of cancer among rural people in Pakistan.

Effects of cyclooxygenase-2 antisense vector on proliferation of human cholangiocarcinoma cells.

Branch retinal artery occlusion: a complication of iron-deficiency anemia in a young adult with a rectal carcinoid.

Use of GIS and exposure modeling as tools in a study of cancer incidence in a population exposed to airborne dioxin.

Exocrine pancreatic pathology in female Harlan Sprague-Dawley rats after chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like compounds.

Effects of zearalenone on mRNA expression and activity of cytochrome P450 1A1 and 1B1 in MCF-7 cells.

Independent actions on cyclin-dependent kinases and aryl hydrocarbon receptor mediate the antiproliferative effects of indirubins.

Consideration of cultural and lifestyle factors in defining susceptible populations for environmental disease.

Mechanisms underlying arsenic carcinogenesis: hypersensitivity of mice exposed to inorganic arsenic during gestation.

Cytotoxic effects of environmentally relevant chlorophenols on L929 cells and their mechanisms.

Risk of adverse reproductive outcomes associated with proximity to municipal solid waste incinerators with high dioxin emission levels in Japan.

NTP toxicology and carcinogenesis studies of triethanolamine (Cas No. 102-71-6) in B6C3F1 mice (dermal studies).

Characterization of bronchiolar metaplasia of the alveolar epithelium in female Sprague-Dawley rats exposed to 3,3',4,4',5-pentachlorobiphenyl (PCB126).

Using a customized DNA microarray for expression profiling of the estrogen-responsive genes to evaluate estrogen activity among natural estrogens and industrial chemicals.

Effect of sodium arsenite on peripheral lymphocytes in vitro: individual susceptibility among a population exposed to arsenic through the drinking water.

Differential regulation of calcium homeostasis in adenocarcinoma cell line A549 and its Taxol-resistant subclone.

Synergistic effect of cigarette smoke and saliva on lymphocytes--the mediatory role of volatile aldehydes and redox active iron and the possible implications for oral cancer.

Nitric oxide donor increases osteoprotegerin production and osteoclastogenesis inhibitory activity in bone marrow stromal cells from ovariectomized rats.

Sources and transformations of chlorophenols in the natural environment.

Interaction of the aryl hydrocarbon receptor ligand 6-methyl-1,3,8-trichlorodibenzofuran with estrogen receptor alpha.

Reduction of androgen receptor expression by benzo[alpha]pyrene and 7,8-dihydro-9,10-epoxy-7,8,9,10-tetrahydrobenzo[alpha]pyrene in human lung cells.

Role of mediator in transcriptional activation by the aryl hydrocarbon receptor.

Oxygen-regulated expression of the RNA-binding proteins RBM3 and CIRP by a HIF-1-independent mechanism.

Agricultural pesticide use, familial cancer, and risk of non-Hodgkin lymphoma.

Arsenic-induced enhancement of ultraviolet radiation carcinogenesis in mouse skin: a dose-response study.

How environmental hazards in childhood have been discovered: carcinogens, teratogens, neurotoxicants, and others.

Identification of aryl hydrocarbon receptor as a putative Wnt/beta-catenin pathway target gene in prostate cancer cells.

Role of lipid-mobilising factor (LMF) in protecting tumour cells from oxidative damage.

Association of liver hemangiosarcoma and secondary iron overload in B6C3F1 mice--the National Toxicology Program experience.

Cytochrome P-450 family 1 in rat embryo cell culture immortalized by Rausher leukemia virus.

Glioma cell antioxidant capacity relative to reactive oxygen species produced by dopamine.

Assessment of human health risk of dioxin in Korea.

Histological and lipid peroxidation changes after administration of 2-acetylaminofluorene in a rat liver injury model following selective periportal and pericentral damage.

Breast cancer and environmental risks: where is the link?

In vitro DNA damage by arsenic compounds in a human lymphoblastoid cell line (TK6) assessed by the alkaline Comet assay.

Soft-tissue sarcoma and dioxin: A case-control study.

Modulation of AhR-mediated CYP1A1 mRNA and EROD activities by 17beta-estradiol and dexamethasone in TCDD-induced H411E cells.

Arsenic-induced DNA hypomethylation affects chromosomal instability in mammalian cells.

Geldanamycin and herbimycin A induce apoptotic killing of B chronic lymphocytic leukemia cells and augment the cells' sensitivity to cytotoxic drugs.

Interaction between genetic polymorphism of cytochrome P450-1B1 and environmental pollutants in breast cancer risk.

[Is a presymptomatic malignant hyperthermia in-vitro diagnosis with 4-chloro-3-ethyl phenol possible? A study using porcine skeletal preparations].

Toxicogenomic analysis of aberrant gene expression in liver tumors and nontumorous livers of adult mice exposed in utero to inorganic arsenic.

Protein kinase C delta is activated in mouse ovarian surface epithelial cancer cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

A comparison of human H295R and rat R2C cell lines as in vitro screening tools for effects on aromatase.

Assessment system for dioxin absorption in the small intestine and prevention of its absorption by food factors.

Anthocyan does not suppress transformation of aryl hydrocarbon receptor induced by dioxin.

Activation of inflammatory mediators and potential role of ah-receptor ligands in foam cell formation.

Cost-benefit analysis as a tool for decision making in environmental projects. Application to a reduction of dioxin emissions in Tarragona Province, Spain.

Comparison of recombinant cell bioassays for the detection of Ah receptor agonists.

From phenoxyacetic acids to cellular telephones: is there historical evidence for the precautionary principle in cancer prevention?

Aryl hydrocarbon receptor-mediated inhibition of LNCaP prostate cancer cell growth and hormone-induced transactivation.

The H4IIE cell bioassay as an indicator of dioxin-like chemicals in wildlife and the environment.

The drug salicylamide is an antagonist of the aryl hydrocarbon receptor that inhibits signal transduction induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Metabolic activation of polycyclic aromatic hydrocarbons to carcinogens by cytochromes P450 1A1 and 1B1.

Follicular epithelial cell hypertrophy induced by chronic oral administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Harlan Sprague-Dawley rats.

Immunohistochemical detection of activated caspases in apoptotic hepatocytes in rat liver.

Induction of tumors of the liver, lung, ovary and adrenal in adult mice after brief maternal gestational exposure to inorganic arsenic: promotional effects of postnatal phorbol ester exposure on hepatic and pulmonary, but not dermal cancers.

EGR1 is a novel target for AhR agonists in human lung epithelial cells.

Subchronic exposure to TCDD, PeCDF, PCB126, and PCB153: effect on hepatic gene expression.

Down regulation of hepatic PPARalpha function by AhR ligand.

Strain-specific of alachlor on murine olfactory mucosal responses.

Effects of 1,3-butadiene, isoprene, and their photochemical degradation products on human lung cells.

Alpha-tocotrienol provides the most potent neuroprotection among vitamin E analogs on cultured striatal neurons.

BRCA1 induces antioxidant gene expression and resistance to oxidative stress.

In vitro cytotoxic and genotoxic effects of diphenylarsinic acid, a degradation product of chemical warfare agents.

Dioxin health risk to infants using simulated tissue concentrations.

The sphingomyelin/ceramide pathway is involved in ERK1/2 phosphorylation, cell proliferation, and uPAR overexpression induced by tissue-type plasminogen activator.

An evaluation of benchmark dose methodology for non-cancer continuous-data health effects in animals due to exposures to dioxin (TCDD).

Human health risks from arsenic in soils: does one model fit all?

Effect of endocrine disrupting chemicals on lipopolysaccharide-induced tumor necrosis factor-alpha and nitric oxide production by mouse macrophages.

Catalase binds Grb2 in tumor cells when stimulated with serum or ligands for integrin receptors.

Effects of superoxide dismutase and polyclonal tumor necrosis factor-alpha antibodies on chloroacetate-induced cellular death and superoxide anion production by J774.A1 macrophages.

Ectopic cyclin D1 expression blocks STI571-induced erythroid differentiation of K562 cells.

Transient increase in micronucleus frequency and DNA effects in the comet assay in two patients after intoxication with 2,3,7,8-tetrachlorodibenzo- p-dioxin.

Aryl hydrocarbon receptor-mediated induction of microsomal drug-metabolizing enzyme activity by indirubin and indigo.

Toxicity increases in ice containing monochlorophenols upon photolysis: environmental consequences.

Environmental distribution, analysis, and toxicity of organometal(loid) compounds.

A screening-level assessment of the health risks of chronic smoke exposure for wildland firefighters.

A notable antimutagenicity of two nonmutagenic novel oxadiazoles in Salmonella mutagenicity assay.

Sertoli cell junctional proteins as early targets for different classes of reproductive toxicants.

Use of genetically manipulated Salmonella typhimurium strains to evaluate the role of sulfotransferases and acetyltransferases in nitrofen mutagenicity.

Static magnetic fields-induced bone sialoprotein (BSP) expression is mediated through FGF2 response element and pituitary-specific transcription factor-1 motif.

Differential susceptibility of fish and rat liver cells to oxidative stress and cytotoxicity upon exposure to prooxidants.

Tumor promoters as inhibitors of apoptosis in rat hepatocytes.

Polycyclic aromatic hydrocarbons modulate cell proliferation in rat hepatic epithelial stem-like WB-F344 cells.

Characterization of a fasciclin I-like protein with cell attachment activity from sea urchin (*Strongylocentrotus intermedius*) ovaries.

Molecular switch circuits in toxicology: a dimmer switch for dioxin.

A novel effect of dioxin: exposure during pregnancy severely impairs mammary gland differentiation.

Effect of arsenic on benzo[a]pyrene DNA adduct levels in mouse skin and lung.

Compartmental inhibition of hepatic glutathione reductase activities by 1,3-bis(2-chloroethyl)-N-nitrosourea (BCNU) in Sprague-Dawley and Fischer-344 rats.

The effect of *Smallanthus sonchifolius* leaf extracts on rat hepatic metabolism.

Antimutagenicity of herbal detoxification formula Smoke Shield against environmental mutagens.

A comparative study on the effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin polychlorinated biphenyl126 and estrogen in human bronchial epithelial cells.

DNA adduct formation in precision-cut rat liver and lung slices exposed to benzo[a]pyrene.

Divergent roles of hepatitis B virus X-associated protein 2 (XAP2) in human versus mouse Ah receptor complexes.

Evaluation of toxic equivalency factors for induction of cytochromes P450 CYP1A1 and CYP1A2 enzyme activity by dioxin-like compounds.

Potent, selective and cell-mediated inhibition of human herpesvirus 6 at an early stage of viral replication by the non-nucleoside compound CMV423.

Complestatin prevents apoptotic cell death: inhibition of a mitochondrial caspase pathway through AKT/PKB activation.

Update on olfactory mucosal metabolic enzymes: age-related changes and N-acetyltransferase activities.

Xenoestrogen modulation of the immune system: effects of dichlorodiphenyltrichloroethane (DDT) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Inhalation of hazardous air pollutants from environmental tobacco smoke in US residences.

Different global gene expression profiles in benzo[a]pyrene- and dioxin-treated vascular smooth muscle cells of AHR-knockout and wild-type mice.

A practical guide to dose-response analyses and risk assessment in occupational epidemiology.

The olivacine derivative s 16020 (9-hydroxy-5,6-dimethyl-N-[2-(dimethylamino)ethyl]-6H-pyrido(4,3-B)-carbazole-1-carboxamide) induces CYP1A and its own metabolism in human hepatocytes in primary culture.

Enhancement of death-receptor induced caspase-8-activation in the death-inducing signalling complex by uncoupling of oxidative phosphorylation.

An assessment of the genotoxicity and human health risk of topical use of kojic acid [5-hydroxy-2-(hydroxymethyl)-4H-pyran-4-one].

Pyrazolo pyrimidine-type inhibitors of SRC family tyrosine kinases promote ovarian steroid-induced differentiation of human endometrial stromal cells in vitro.

Induction of murine NAD(P)H:quinone oxidoreductase by 2,3,7,8-tetrachlorodibenzo-p-dioxin requires the CNC (cap 'n' collar) basic leucine zipper transcription factor Nrf2 (nuclear factor erythroid 2-related factor 2): cross-interaction between AhR (aryl hydrocarbon receptor) and Nrf2 signal transduction.

Urokinase receptor mRNA stability involves tyrosine phosphorylation in lung epithelial cells.

Effects of environmental estrogenic compounds on growth of a transplanted estrogen responsive pituitary tumor cell line in rats.

A case of multiple skin cancers after occupational exposure to pesticides.

'Proximal-type' epithelioid sarcoma: is Agent Orange still at large?

Comparative effects of cadmium, copper, paraquat and benzo[a]pyrene on the actin cytoskeleton and production of reactive oxygen species (ROS) in mussel haemocytes.

Integrative assessment of multiple pesticides as risk factors for non-Hodgkin's lymphoma among men.

Chronic studies evaluating the carcinogenicity of monomethylarsonic acid in rats and mice.

Exposure to animals and selected risk factors among Canadian farm residents with Hodgkin's disease, multiple myeloma, or soft tissue sarcoma.

Biochemical and histopathological effects of glyphosate herbicide on Nile tilapia (*Oreochromis niloticus*).

The herbicide metolachlor induces liver cytochrome P450s 2B1/2 and 3A1/2, but not thyroxine-uridine dinucleotide phosphate glucuronosyltransferase and associated thyroid gland activity.

Agent Orange and cancer: an overview for clinicians.

Immunotoxicological effects of Agent Orange exposure to the Vietnam War Korean veterans.

An oxygen-bonded c8-deoxyguanosine nucleoside adduct of pentachlorophenol by peroxidase activation: evidence for ambident c8 reactivity by phenoxy radicals.

Immune alterations in mice exposed to the herbicide simazine.

Health effects on nearby residents of a wood treatment plant.

Prevention of dual promoting effects of pentachlorophenol, an environmental pollutant, on diethylnitrosamine-induced hepato- and cholangiocarcinogenesis in mice by green tea infusion.

Parental occupational exposure to pesticides and childhood brain cancer.

Agent Orange: management of patients exposed in Vietnam.

Effect of beta-cyclodextrin compounds on the solubilization of three selected pesticides and their toxicity with methyl parathion to *Rana tigrina* tadpoles.

Antitumor effect of the cinnamaldehyde derivative CB403 through the arrest of cell cycle progression in the G2/M phase.

MacLennan et al report on an elevated incidence of prostate cancer among workers in a triazine manufacturing plant.

Cancer and developmental exposure to endocrine disruptors.

Skin tumor-promoting potential and systemic effects of pentachlorophenol and its major metabolite tetrachlorohydroquinone in CD-1 Mice.

Mortality among triazine herbicide manufacturing workers.

Effect of the lipid peroxidation product acrolein on tau phosphorylation in neural cells.

The effects of acute pesticide exposure on neuroblastoma cells chronically exposed to diazinon.

A putative glutathione peroxidase of *Drosophila* encodes a thioredoxin peroxidase that provides resistance against oxidative stress but fails to complement a lack of catalase activity.

Cytotoxic effects of the herbicide 2,4-dichlorophenoxyacetic acid in HepG2 cells.

The 5-enolpyruvylshikimate-3-phosphate synthase of glyphosate-tolerant soybean expressed in *Escherichia coli* shows no severe allergenicity.

Carcinogenicity of dimethylarsinic acid in p53 heterozygous knockout and wild-type C57BL/6J mice.

Link found between Agent Orange and chronic lymphocytic leukaemia.

Lung function and airway inflammation in rats following exposure to combustion products of carbon-graphite/epoxy composite material: comparison to a rodent model of acute lung injury.

Oxidative stress as a possible mode of action for arsenic carcinogenesis.

Inhibition of cytokine production by the herbicide atrazine. Search for nuclear receptor targets.

[Glyphosate--a non-toxic pesticide?].

Pentachlorophenol poisoning.

Quantitation of aberrant interlocus T-cell receptor rearrangements in mouse thymocytes and the effect of the herbicide 2,4-dichlorophenoxyacetic acid.

Pentachlorophenol (but not phenobarbital) promotes intrahepatic biliary cysts induced by diethylnitrosamine to cholangio cystic neoplasms in B6C3F1 mice possibly due to oxidative stress.

Formation of acrolein-derived 2'-deoxyadenosine adduct in an iron-induced carcinogenesis model.

Lack of modifying effects of atrazine and/or tamoxifen on thyroid carcinogenesis in rats pretreated with N-bis(2-hydroxypropyl)nitrosamine (DHPN).

Acute and chronic effects of alcohol exposure on skeletal muscle c-myc, p53, and Bcl-2 mRNA expression.

An inhibitor of mitochondrial complex I, rotenone, inactivates proteasome by oxidative modification and induces aggregation of oxidized proteins in SH-SY5Y cells.

Effects of oxygen on the antioxidant responses of normal and transformed cells.

Alpha-tocopherol content and alpha-tocopherol transfer protein expression in leukocytes of children with acute leukemia.

Differential induction of Mn-containing superoxide dismutase by paraquat in peripheral lymphocytes of normal subjects and gastric cancer patients.

Resistance to tumor necrosis factor-alpha (TNF-alpha)-induced apoptosis in rat hepatoma cells expressing TNF-alpha is linked to low antioxidant enzyme expression.

Modulation of benzo[a]pyrene-induced p53 DNA activity by acrolein.

Oxidative stress and bioindicators of reproductive function in pulp and paper mill effluent exposed white sucker.

Immunomodulation of human natural killer cell cytotoxic function by triazine and carbamate pesticides.

Arsenic methylation and bladder cancer risk in Taiwan.

In vitro activity of dimethylarsinic acid against human leukemia and multiple myeloma cell lines.

Low levels of glutathione peroxidase 1 activity in selenium-deficient mouse liver affect c-Jun N-terminal kinase activation and p53 phosphorylation on Ser-15 in pro-oxidant-induced apoptosis.

CYP1a1, HSP70, P53, and c-fos expression in human liver carcinoma cells (HepG2) exposed to pentachlorophenol.

Antioxidant perturbations in the olfactory mucosa of alachlor-treated rats.

Accumulation and metabolism of arsenic in mice after repeated oral administration of arsenate.

Comparative toxicity of ifosfamide metabolites and protective effect of mesna and amifostine in cultured renal tubule cells.

Cinnamaldehyde induces apoptosis by ROS-mediated mitochondrial permeability transition in human promyelocytic leukemia HL-60 cells.

Variability in human metabolism of arsenic.

Induction of oxidative DNA damage by arsenite and its trivalent and pentavalent methylated metabolites in cultured human cells and isolated DNA.

Thioredoxin peroxidases can foster cytoprotection or cell death in response to different stressors: over- and under-expression of thioredoxin peroxidase in Drosophila cells.

Induction of glutathione S-transferase placental form positive foci in liver and epithelial hyperplasia in urinary bladder, but no tumor development in male Fischer 344 rats treated with monomethylarsonic acid for 104 weeks.

Transient induction of cytochromes P450 1A1 and 1B1 in MCF-7 human breast cancer cells by indirubin.

Dioxins released from incineration plants and mortality from major diseases: an analysis of statistical data by municipalities.

Cell-transforming activity of fourteen chemical agents used in dental practice in Syrian hamster embryo cells.

The efficacy of tyrosine kinase inhibitors on human pancreatic cancer cell lines.

Environmental exposure to polychlorinated biphenyls (PCBs) and breast cancer: a systematic review of the epidemiological evidence.

Non-Hodgkin's lymphoma, leukemia, and exposures in agriculture: results from the Italian multicenter case-control study.

Dioxin and cancer: a critical review.

Genetic predisposition to the cytotoxicity of arsenic: the role of DNA damage and ATM.

Insulin regulation in AhR-null mice: embryonic cardiac enlargement, neonatal macrosomia, and altered insulin regulation and response in pregnant and aging AhR-null females.

Estrogen regulates Ah responsiveness in MCF-7 breast cancer cells.

Effect of endodontic agents on cytotoxicity induction by sodium fluoride.

Is the decline of the increasing incidence of non-Hodgkin lymphoma in Sweden and other countries a result of cancer preventive measures?

Combined effects of tumor promoters and serum on proliferin mRNA induction: a biomarker sensitive to saccharin, 2,3,7,8-TCDD, and other compounds at minimal concentrations promoting C3H/10T1/2 cell transformation.

Induction of C-anaphase and diplochromosome through dysregulation of spindle assembly checkpoint by sodium arsenite in human fibroblasts.

Effect of pesticide exposure on HER-2/neu overexpression seen in patients with extensive stage small cell lung carcinoma.

Cellular uptake and metabolism of DNA frayed wires.

Calcium release from sarcoplasmic reticulum is facilitated in human myotubes derived from carriers of the ryanodine receptor type 1 mutations Ile2182Phe and Gly2375Ala.

Tribromophenol induces the differentiation of SH-SY5Y human neuroblastoma cells in vitro.

Mitochondrial oxidative stress causes chromosomal instability of mouse embryonic fibroblasts.

FLT3 expressing leukemias are selectively sensitive to inhibitors of the molecular chaperone heat shock protein 90 through destabilization of signal transduction-associated kinases.

Natural product origins of Hsp90 inhibitors.

[The chimerism and GVT effects on murine mini-transplantation model].

Link between agricultural pesticides and incidence of prostate cancer.

Significant issues raised by meta-analyses of cancer mortality and dioxin exposure.

Contribution of the Ah receptor to the phenolic antioxidant-mediated expression of human and rat UDP-glucuronosyltransferase UGT1A6 in Caco-2 and rat hepatoma 5L cells.

Inhibition of energy metabolism down-regulates the Alzheimer related presenilin 2 gene.

Risk of soft tissue sarcomas and residence in the neighbourhood of an incinerator of industrial wastes.

Cancer risk for chemical workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Angiotensin II phosphorylation of extracellular signal-regulated kinases in rat anterior pituitary cells.

Use of an "acetaldehyde clamp" in the determination of low-KM aldehyde dehydrogenase activity in H4-II-E-C3 rat hepatoma cells.

Uptake of 5-methyltetrahydrofolate into PC-3 human prostate cancer cells is carrier-mediated.

Effects of several dioxin-like compounds on estrogen metabolism in the malignant MCF-7 and nontumorigenic MCF-10A human mammary epithelial cell lines.

Re: analysis of dioxin cancer threshold.

Evaluation of the potential impact of pharmacokinetic differences on tissue dosimetry in offspring during pregnancy and lactation.

3'-methoxy-4'-nitroflavone, a reported aryl hydrocarbon receptor antagonist, enhances Cyp1a1 transcription by a dioxin responsive element-dependent mechanism.

The Ile2453Thr mutation in the ryanodine receptor gene 1 is associated with facilitated calcium release from sarcoplasmic reticulum by 4-chloro-m-cresol in human myotubes.

Inhibition of NF-kappaB essentially contributes to arsenic-induced apoptosis.

Dioxin: exposure-response analyses and risk assessment.

Short- and long-term morbidity and mortality in the population exposed to dioxin after the "Seveso accident".

Prenatal vitamin E improves lung and heart hypoplasia in experimental diaphragmatic [correction of diaphragmatic] hernia.

Multicentre evaluation of in vitro contracture testing with bolus administration of 4-chloro-m-cresol for diagnosis of malignant hyperthermia susceptibility.

Characteristics and application of established luciferase hepatoma cell line that responds to dioxin-like chemicals.

Dioxin emissions from a solid waste incinerator and risk of non-Hodgkin lymphoma.

No evidence of dioxin cancer threshold.

Increased expression of ICAM-1 and VCAM-1 in the lung of nitrofen-induced congenital diaphragmatic hernia in rats.

Reversal of Bcl-2-mediated resistance of the EW36 human B-cell lymphoma cell line to arsenite- and pesticide-induced apoptosis by PK11195, a ligand of the mitochondrial benzodiazepine receptor.

Enhancement of carcinogen-induced malignant cell transformation by prostaglandin F(2 alpha).

UVB light stimulates production of reactive oxygen species: unexpected role for catalase.

Carcinogenesis and its modification by environmental endocrine disruptors: in vivo experimental and epidemiological findings.

Applicability of the CALUX bioassay for screening of dioxin levels in human milk samples.

Markers of genetic susceptibility in human environmental hygiene and toxicology: the role of selected CYP, NAT and GST genes.

Antiallergic activity of ginseng and its ginsenosides.

Celecoxib inhibits proliferation and induces apoptosis via prostaglandin E2 pathway in human cholangiocarcinoma cell lines.

Association between arsenic exposure from a coal-burning power plant and urinary arsenic concentrations in Prievidza District, Slovakia.

Large-conductance K⁺ channel openers NS1619 and NS004 as inhibitors of mitochondrial function in glioma cells.

Aryl hydrocarbon receptor gene silencing with small inhibitory RNA differentially modulates Ah-responsiveness in MCF-7 and HepG2 cancer cells.

Neurotoxicity of polycyclic aromatic hydrocarbons and simple chemical mixtures.

Thermolysis of vic-dihydroxybacteriochlorins: effect of the nature of substrates in directing the formation of chlorin-chlorin dimers with fixed and flexible orientations and their preliminary in vitro photosensitizing efficacy.

New approach to vital analysis of functional activity in ABC transporters (markers for multidrug resistance) in solid tumors by the method of flow cytometry.

Heat shock protein (HSP72) and p38 MAPK involvement in sublethal hemorrhage (SLH)-induced tolerance.

Use of agricultural pesticides and prostate cancer risk in the Agricultural Health Study cohort.

Health impacts of pesticide exposure in a cohort of outdoor workers.

Meta-analysis of dioxin cancer dose response for three occupational cohorts.

Bile from a patient with anomalous pancreaticobiliary ductal union promotes the proliferation of human cholangiocarcinoma cells via COX-2 pathway.

Risk factors associated with lung cancer in Hong Kong.

Rat thyroid hyperplasia induced by gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

ZnCl₂ induces Syrian hamster embryo (SHE) cell transformation.

Methylated metabolites of arsenic trioxide are more potent than arsenic trioxide as apoptotic but not differentiation inducers in leukemia and lymphoma cells.

Evidence for a role of protein tyrosine kinases in cell death induced by gp120 in CHP100 neuroblastoma cells.

A comparative immunohistochemical study of spontaneous and chemically induced pheochromocytomas in B6C3F1 mice.

Low concentrations of arsenic induce vascular endothelial growth factor and nitric oxide release and stimulate angiogenesis in vitro.

Invasion of interstitial matrix by a novel cell line from primary peritoneal carcinosarcoma, and by established ovarian carcinoma cell lines: role of cell-matrix adhesion molecules, proteinases, and E-cadherin expression.

The induction of heat shock protein-72 attenuates cisplatin-induced acute renal failure in rats.

Functional alterations in CD11b(+)Gr-1(+) cells in mice injected with allogeneic tumor cells and treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Tropical chronic pancreatitis: an update.

Early changes in metabolism of leukemic cell lines upon induction of apoptosis by cytotoxic drugs.

Induction of cytochrome P4501A and endocrine disrupting effects of school incinerator residues.

Involvement of oxidative stress in the toxicity of 4-monochlorophenol in Hep G2 cells in culture.

Prostate cancer risk in California farm workers.

Effects of single non-ortho, mono-ortho, and di-ortho chlorinated biphenyls on cell functions and proliferation of the human prostatic carcinoma cell line, LNCaP.

The aryl hydrocarbon receptor mediates degradation of estrogen receptor alpha through activation of proteasomes.

Troglitazone-induced intracellular oxidative stress in rat hepatoma cells: a flow cytometric assessment.

Increased expression of IgE-dependent histamine-releasing factor in endometriotic implants.

Up-regulation of cDK5/p35 by oxidative stress in human neuroblastoma IMR-32 cells.

Basis for a proposed reference dose (RfD) for dioxin of 1-10 pg/kg-day: a weight of evidence evaluation of the human and animal studies.

TCDD-dependent downregulation of gamma-catenin in rat liver epithelial cells (WB-F344).

Cross-linking of surface IgM in the Burkitt's lymphoma cell line ST486 provides protection against arsenite- and stress-induced apoptosis that is mediated by ERK and phosphoinositide 3-kinase signaling pathways.

Different effects of metabolic inhibitors and cyclosporin A on daunorubicin transport in leukemia cells from patients with AML.

The Cu,Zn superoxide dismutase in neuroblastoma SK-N-BE cells is exported by a microvesicles dependent pathway.

[Inhibition of ABC-transporter(s)' function in non-small cell lung cancer cells by platinum drugs].

Infertility and environmental pollutants.

Increase in cardiovascular pathology in female Sprague-Dawley rats following chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3,3',4,4',5-pentachlorobiphenyl.

PPARalpha agonist-induced rodent tumors: modes of action and human relevance.

A framework for human relevance analysis of information on carcinogenic modes of action.

Methylated trivalent arsenicals as candidate ultimate genotoxic forms of arsenic: induction of chromosomal mutations but not gene mutations.

Modulation of the arsenic effects on cytotoxicity, viability, and cell cycle in porcine endothelial cells by selenium.

High cell density-mediated pericellular hypoxia is a crucial factor inducing expression of the intrinsic hypoxia marker CA IX in vitro in HeLa cells.

Estrogens and organochlorine xenoestrogens and breast cancer risk.

[Pesticide poisoning].

[Occupational epidemiology: from analysis of the apparent to investigation of the unknown].

Src tyrosine kinase but not activated Ras augments sensitivity to taxanes through apoptosis in human adenocarcinoma cells.

Effect of lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on the susceptibility to Listeria infection.

Factors secreted by peritoneal macrophages are cytotoxic for transformed rat pleural mesothelium and mesothelioma cells.

Antiperoxidative, anti-inflammatory, and antimutagenic activities of ethanol extract of the mycelium of *Ganoderma lucidum* occurring in South India.

Rat breast microsomal biotransformation of ethanol to acetaldehyde but not to free radicals: its potential role in the association between alcohol drinking and breast tumor promotion.

Transplacental carcinogenicity of inorganic arsenic in the drinking water: induction of hepatic, ovarian, pulmonary, and adrenal tumors in mice.

Pharmacological induction of HSP27 attenuates intimal hyperplasia in vivo.

Proliferative activity of bile from congenital choledochal cyst patients.

Blockage of multidrug resistance-associated proteins potentiates the inhibitory effects of arsenic trioxide on CYP1A1 induction by polycyclic aromatic hydrocarbons.

Assessment of PCB congener analytical methods: do they meet risk assessment needs?

Expression of aryl hydrocarbon receptor repressor in normal human tissues and inducibility by polycyclic aromatic hydrocarbons in human tumor-derived cell lines.

Direct evidence for recycling of myeloperoxidase-catalyzed phenoxy radicals of a vitamin E homologue, 2,2,5,7,8-pentamethyl-6-hydroxy chromane, by ascorbate/dihydrolipoate in living HL-60 cells.

c-Src-dependent tyrosine phosphorylation of IKKbeta is involved in tumor necrosis factor-alpha-induced intercellular adhesion molecule-1 expression.

Evaluation of the mutagenic, antimutagenic and antiproliferative potential of *Croton lechleri* (Muell. Arg.) latex.

Subcellular localization of herpes simplex virus type 1 UL51 protein and role of palmitoylation in Golgi apparatus targeting.

Human exposure to dioxins through the diet in Catalonia, Spain: carcinogenic and non-carcinogenic risk.

Evidence for a role of p38 kinase in hypoxia-inducible factor 1-independent induction of vascular endothelial growth factor expression by sodium arsenite.

Functional role of AhR in the expression of toxic effects by TCDD.

High-performance liquid chromatographic analysis of the anticancer drug irinotecan (CPT-11) and its active metabolite SN-38 in human plasma.

Hepatic stem cells: existence and origin.

α -Tocopherol Content and α -Tocopherol Transfer Protein Expression in Leukocytes of Children with Acute Leukemia.

3-methylcholanthrene activates human immunodeficiency virus type 1 replication via aryl hydrocarbon receptor.

Toxicokinetics and physiologically based toxicokinetics in toxicology and risk assessment.

Effect of endosulfan and malathion on lipid peroxidation, nitrite and TNF- α release by rat peritoneal macrophages.

Health benefits and potential risks related to consumption of fish or fish oil.

Enhanced prediction of potential rodent carcinogenicity by utilizing comet assay and apoptotic assay in combination.

[Genotoxic effects of pesticide-treated vegetable extracts using the *Allium cepa* chromosome aberration and micronucleus tests].

Cell-specific expression of CYP2A5 in the mouse respiratory tract: effects of olfactory toxicants.

TA-270 [4-hydroxy-1-methyl-3-octyloxy-7-sinapinoylamino-2(1H)-quinolinone], an anti-asthmatic agent, inhibits leukotriene production induced by IgE receptor stimulation in RBL-2H3 cells.

TCDD-induced apoptosis in EL-4 cells deficient of the aryl hydrocarbon receptor and down-regulation of IGFBP-6 prevented the apoptotic cell death.

Characterization of a wound-inducible cytochrome P450 gene (CYP72A29) that is down-regulated during crown gall tumorigenesis in potato tuber.

Alteration of keratinocyte differentiation and senescence by the tumor promoter dioxin.

NTP toxicology and carcinogenesis Studies of 2,4-hexadienal (89% trans,trans isomer, CAS No. 142-83-6; 11% cis,trans isomer) (Gavage Studies).

[Development of the protein therapeutics using the super anti-cell death factor FNK].

Combined toxicity effects of MTBE and pesticides measured with *Vibrio fischeri* and *Daphnia magna* bioassays.

Selective enhancement of ifosfamide-induced toxicity in Chinese hamster ovary cells.

Mislocalization of membrane proteins associated with multidrug resistance in cisplatin-resistant cancer cell lines.

Preliminary biological assay on cerebroside mixture from *Euphorbia nicaeensis* All. Isolation and structure determination of five glucocerebrosides.

Glycolaldehyde induces apoptosis in a human breast cancer cell line.

Acute application of TNF stimulates apical 70-pS K⁺ channels in the thick ascending limb of rat kidney.

4-aminobiphenyl-induced liver and urinary bladder DNA adduct formation in Cyp1a2(-/-) and Cyp1a2(+/-) mice.

Toxicity and metabolism of subcytotoxic inorganic arsenic in human renal proximal tubule epithelial cells (HK-2).

Upregulation of cellular NF- κ B activity by alkylating carcinogens in human epidermal keratinocytes.

[Methodology in occupational and environmental epidemiology].

In vitro pharmacokinetic study of the novel anticancer agent E7070: red blood cell and plasma protein binding in human blood.

Activation and inhibition of cellular calcium and tyrosine kinase signaling pathways identify targets of the HBx protein involved in hepatitis B virus replication.

Corneal IL-8 expression following adenovirus infection is mediated by c-Src activation in human corneal fibroblasts.

Toxicological aspects of treatment to remove cyanobacterial toxins from drinking water determined using the heterozygous P53 transgenic mouse model.

Risk analysis under uncertainty, the precautionary principle, and the new EU chemicals strategy.

Leiomyosarcoma of urinary bladder following cyclophosphamide therapy: report of two cases.

Identification of galectin I and thioredoxin peroxidase II as two arsenic-binding proteins in Chinese hamster ovary cells.

Differential modulation of cytochrome P-450 1A and P-glycoprotein expression by aryl hydrocarbon receptor agonists and thyroid hormone in *Xenopus laevis* liver and intestine.

Workplace carcinogen and pesticide exposures in Costa Rica.

Effects of the environmental oestrogens bisphenol A, tetrachlorobisphenol A, tetrabromobisphenol A, 4-hydroxybiphenyl and 4,4'-dihydroxybiphenyl on oestrogen receptor binding, cell proliferation and regulation of oestrogen sensitive proteins in the human breast cancer cell line MCF-7.

Dioxin risks in perspective: past, present, and future.

An occupational reproductive research agenda for the third millennium.

Cyclical mechanical stretch enhances angiotensin-2 and Tie2 receptor expression in cultured human umbilical vein endothelial cells.

Anthracyclines induce accumulation of iron in ferritin in myocardial and neoplastic cells: inhibition of the ferritin iron mobilization pathway.

Role of the different mitogen-activated protein kinase subfamilies in the stimulation of dog and human thyroid epithelial cell proliferation by cyclic adenosine 5'-monophosphate and growth factors.

Progression of alachlor-induced olfactory mucosal tumours.

DNA damage induced by methylated trivalent arsenicals is mediated by reactive oxygen species.

Micronucleus frequency and proliferation in human lymphocytes after exposure to herbicide 2,4-dichlorophenoxyacetic acid in vitro and in vivo.

Tumorigenicity of chloral hydrate, trichloroacetic acid, trichloroethanol, malondialdehyde, 4-hydroxy-2-nonenal, crotonaldehyde, and acrolein in the B6C3F(1) neonatal mouse.

Functional activation of peroxisome proliferator-activated receptor alpha (PPARalpha) by environmental chemicals in relation to their toxicities.

Cancer incidence among triazine herbicide manufacturing workers.

Fractionation of protein adducts in rats and mice dosed with [14C]pentachlorophenol.

[Genotoxic effect of PCP and lindane on human epithelial tonsil cells].

The immunomodulatory effects of the herbicide simazine on murine macrophage functions in vitro.

Possible role of dimethylarsinous acid in dimethylarsinic acid-induced urothelial toxicity and regeneration in the rat.

A survey of EPA/OPP and open literature on selected pesticide chemicals. III. Mutagenicity and carcinogenicity of benomyl and carbendazim.

Effect of 2'-benzoyl-oxycinnamaldehyde on RPE cells in vitro and in an experimental proliferative vitreoretinopathy model.

Detection of cellular responses to toxicants by dielectrophoresis.

Plasmid DNA damage caused by methylated arsenicals, ascorbic acid and human liver ferritin.

A review of animal models for the study of arsenic carcinogenesis.

Review of 2,4-dichlorophenoxyacetic acid (2,4-D) epidemiology and toxicology.

Specific up-regulation of GADD153/CHOP in 1-methyl-4-phenyl-pyridinium-treated SH-SY5Y cells.

The effects of atrazine on the sexual maturation of female rats.

Pathways involved in mild gastrointestinal inflammation induced by a low level exposure to a food contaminant.

Exposure to pesticides as risk factor for non-Hodgkin's lymphoma and hairy cell leukemia: pooled analysis of two Swedish case-control studies.

A major human arsenic metabolite, dimethylarsinic acid, requires reduced glutathione to induce apoptosis.

Agent Orange no longer linked to childhood AML.

[Epidemiological studies on the etiology of biliary tract cancers].

Clastogenicity of pentachlorophenol, 2,4-D and butachlor evaluated by Allium root tip test.

Incidence of CTCL in Vietnam veterans.

Effect of alachlor on hepatic cytochrome P450 enzymes in rats.

Effect of diquat on the antioxidant system and cell growth in human neuroblastoma cells.

In vivo genotoxicity evaluation of dimethylarsinic acid in MutaMouse.

Sunscreens can increase dermal penetration of 2,4-dichlorophenoxyacetic acid.

Radioprotectants: current status and new directions.

[Participation of dexamethasone and E and C vitamins in the modulation of the hepatotoxic effect induced by fomesafen and 2,4-D amino herbicides, in rats].

Involvement of N-methyl-D-aspartate receptors in nociception in the cyclophosphamide-induced vesical pain model in the conscious rat.

A novel nucleolar biomarker in plant and animal cells for assessment of substance cytotoxicity.

[Effect of diclofop on the activity of some drug-metabolizing enzymes in the liver of male Wistar rats].

Changes in urinary bladder cytokine mRNA and protein after cyclophosphamide-induced cystitis.

Effects of nonylphenol, 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene (p,p'-DDE), and pentachlorophenol on the adult female guinea pig reproductive tract.

Regional assessment of atrazine exposure and incidence of breast and ovarian cancers in Kentucky.

Ascorbic acid induces redifferentiation and growth inhibition in human hepatoma cells by increasing endogenous hydrogen peroxide.

Rising leukemia rates in Thailand: the possible role of benzene and related compounds in cigarette smoke.

Evaluation of a 15-day screening assay using intact male rats for identifying antiandrogens.

Differential susceptibilities of serine/threonine phosphatases to oxidative and nitrosative stress.

Carcinogenicity of dimethylarsinic acid in male F344 rats and genetic alterations in induced urinary bladder tumors.

Promoting effects of monomethylarsonic acid, dimethylarsinic acid and trimethylarsine oxide on induction of rat liver preneoplastic glutathione S-transferase placental form positive foci: a possible reactive oxygen species mechanism.

Chemical ionization mass spectrometric determination of acrolein in human breast cancer cells.

Oxygen metabolites and hypoxic renal injury: effect of mitochondrial electron transport blockade.

Serum SP-D is a marker of lung injury in rats.

Modified guanines representing O(6)-alkylation by the cyclophosphamide metabolites acrolein and chloroacetaldehyde: synthesis, stability, and ab initio studies.

Analysis of DNA adducts in rats exposed to pentachlorophenol.

Inhibition of cell proliferation and AP-1 activity by acrolein in human A549 lung adenocarcinoma cells due to thiol imbalance and covalent modifications.

Neuroprotection by adenosine A2A receptor blockade in experimental models of Parkinson's disease.

A method for assaying the sensitivity of *Drosophila* replication checkpoint mutants to anti-cancer and DNA-damaging drugs.

Systemic uptake and cutaneous disposition of pentachlorophenol in a sequential exposure scenario: effects of skin preexposure to benzo[a]pyrene.

Thiolation of protein-bound carcinogenic aldehyde. An electrophilic acrolein-lysine adduct that covalently binds to thiols.

Organic meat products contaminated with carcinogenic herbicide.

Acrolein causes transcriptional induction of phase II genes by activation of Nrf2 in human lung type II epithelial (A549) cells.

Effects of DNA structure on oxopropenylation by the endogenous mutagens malondialdehyde and base propenal.

Systemic uptake of inhaled arsenic in rabbits.

Altered protein profile and possible hypoxia in the placenta of 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed rats.

Localization of tumor by chemiluminescence probe during photosensitization action.

Non-genotoxic carcinogens: early effects on gap junctions, cell proliferation and apoptosis in the rat.

Balancing risks in the management of contaminated first nations fisheries.

Toxicology and carcinogenesis study of chloral hydrate (ad libitum and dietary controlled) (CAS no. 302-17-0) in male B6C3F1 mice (gavage study).

Caspase-3 colorimetric assay.

Interactive effect of chemical substances and occupational electromagnetic field exposure on the risk of gliomas and meningiomas in Swedish men.

Using the dioxin receptor-CALUX in vitro bioassay to screen marine harbor sediments for compounds with a dioxin-like mode of action.

Expression of hsp 27, hsp 60, hsc 70, and hsp 70 stress response genes in cultured human urothelial cells (UROtsa) exposed to lethal and sublethal concentrations of sodium arsenite.

Community exposures to airborne agricultural pesticides in California: ranking of inhalation risks.

Immunologic effects of dioxin: new results from Seveso and comparison with other studies.

P-cresol, a uremic toxin, decreases endothelial cell response to inflammatory cytokines.

Formation of reactive oxygen species in rat hepatoma-derived Fa32 cells to predict human toxicity.

Associations of dichlorodiphenyltrichloroethane (DDT) 4.4 and dichlorodiphenyldichloroethylene (DDE) 4.4 blood levels with plasma IL-4.

Undersulfation of proteoglycans and proteins alter C6 glioma cells proliferation, adhesion and extracellular matrix organization.

Effects of sodium arsenite exposure on development and behavior in the rat.

Src/ERK but not phospholipase D is involved in keratinocyte growth factor-stimulated secretion of matrix metalloprotease-9 and urokinase-type plasminogen activator in SNU-16 human stomach cancer cell.

Detection of proton release from cultured human myotubes to identify malignant hyperthermia susceptibility.

Patients with malignant hyperthermia demonstrate an altered calcium control mechanism in B lymphocytes.

Cell-type specificity of ectonucleotidase expression and upregulation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Cytoskeletal structure of myoblasts with the mitochondrial DNA 3243A-->G mutation and of osteosarcoma cells with respiratory chain deficiency.

Effects of o,p'-DDT on the 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible CYP1A1 expression in murine Hepa-1c1c7 cells.

Application of the luciferase cell culture bioassay for the detection of refined petroleum products.

[Phenomenon of pseudomutagenesis: experiments with modifiers of cell metabolism in human lymphocytes].

Sodium arsenite-induced stress-related gene expression in normal human epidermal, HaCaT, and HEL30 keratinocytes.

Arsenite cocarcinogenesis: an animal model derived from genetic toxicology studies.

Alcohol-induced increases in insulin-like growth factor binding protein-1 are partially mediated by TNF.

Differential toxicogenomic responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin in malignant and nonmalignant human airway epithelial cells.

The redox protein thioredoxin-1 regulates the constitutive and inducible expression of the estrogen metabolizing cytochromes P450 1B1 and 1A1 in MCF-7 human breast cancer cells.

Application of the luciferase recombinant cell culture bioassay system for the analysis of polycyclic aromatic hydrocarbons.

Curcumin activates the aryl hydrocarbon receptor yet significantly inhibits (-)-benzo(a)pyrene-7R-trans-7,8-dihydrodiol bioactivation in oral squamous cell carcinoma cells and oral mucosa.

Increased arylhydrocarbon receptor expression offers a potential therapeutic target for pancreatic cancer.

Radiosensitization by overexpression of the nonphosphorylation form of I κ B- α in human glioma cells.

Screening of dioxin-like toxicity equivalents for various matrices with wildtype and recombinant rat hepatoma H4IIE cells.

Critical windows of exposure to household pesticides and risk of childhood leukemia.

Dioxin stimulates RANTES expression in an in-vitro model of endometriosis.

Beta 1-integrin protects hepatoma cells from chemotherapy induced apoptosis via a mitogen-activated protein kinase dependent pathway.

Ethanol induces fatty acid synthesis pathways by activation of sterol regulatory element-binding protein (SREBP).

The role of Akt and RAFK in beta1 integrin mediated survival of precursor B-acute lymphoblastic leukemia cells.

FLT3 in human hematologic malignancies.

Increased sensitivity to 4-chloro-m-cresol and caffeine in primary myotubes from malignant hyperthermia susceptible individuals carrying the ryanodine receptor 1 Thr2206Met (C6617T) mutation.

Promotion of altered hepatic foci by 2,3,7,8-tetrachlorodibenzo-p-dioxin and 17beta-estradiol in male Sprague-Dawley rats.

Selective apoptosis of tandemly duplicated FLT3-transformed leukemia cells by Hsp90 inhibitors.

Radiation- and chemical-induced structural chromosome aberrations in human spermatozoa.

A constitutively active dioxin/aryl hydrocarbon receptor induces stomach tumors.

Experimental study on photodynamic diagnosis of cancer mediated by chemiluminescence probe.

The silencing mediator of retinoic acid and thyroid hormone receptors can interact with the aryl hydrocarbon (Ah) receptor but fails to repress Ah receptor-dependent gene expression.

Estradiol enhances and estriol inhibits the expression of CYP1A1 induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in a mouse ovarian cancer cell line.

In vivo effects of Panax ginseng extracts on the cytochrome P450-dependent monooxygenase system in the liver of 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed guinea pig.

Stress protection by a fluorescent Hsp27 chimera that is independent of nuclear translocation or multimeric dissociation.

Endocrine dismodulation and cancer.

Serum dioxin concentrations and breast cancer risk in the Seveso Women's Health Study.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces plasminogen activator inhibitor-1 through an aryl hydrocarbon receptor-mediated pathway in mouse hepatoma cell lines.

Endothelial PAS domain protein 1 (EPAS1) induces adrenomedullin gene expression in cardiac myocytes: role of EPAS1 in an inflammatory response in cardiac myocytes.

Inhibition of carcinogen-activating enzymes by 16alpha-fluoro-5-androsten-17-one.

Role of ATP in the sensitivity to heat and the induction of apoptosis in mammalian cells.

Differential activation of the c-Jun N-terminal kinase pathway in arsenite-induced apoptosis and sensitization of chemically resistant compared to susceptible B-lymphoma cell lines.

Mechanisms of 2-butoxyethanol carcinogenicity: studies on Syrian Hamster Embryo (SHE) cell transformation.

Conditional expression of a constitutively active aryl hydrocarbon receptor in MCF-7 human breast cancer cells.

WISP-2 is a secreted protein and can be a marker of estrogen exposure in MCF-7 cells.

Flavopiridol inhibits vascular endothelial growth factor production induced by hypoxia or picolinic acid in human neuroblastoma.

Transformation by inorganic arsenic compounds of normal Syrian hamster embryo cells into a neoplastic state in which they become anchorage-independent and cause tumors in newborn hamsters.

Cancer chemopreventive and antioxidant activities of pterostilbene, a naturally occurring analogue of resveratrol.

Recruitment of dioxin receptor to active transcription sites.

Aryl hydrocarbon receptor-dependent inhibition of AP-1 activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin in activated B cells.

Analysis of the antiestrogenic activity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in human ovarian carcinoma BG-1 cells.

A single mutation in the E2 glycoprotein important for neurovirulence influences binding of sindbis virus to neuroblastoma cells.

Mechanism of action and development of selective aryl hydrocarbon receptor modulators for treatment of hormone-dependent cancers (Review).

Modes of activation of mitogen-activated protein kinases and their roles in cepharanthine-induced apoptosis in human leukemia cells.

Use of Haber's Rule to estimate the risk of diabetes from background exposures to dioxin-like compounds.

Decrease in 4-aminobiphenyl-induced methemoglobinemia in Cyp1a2(-/-) knockout mice.

E-selectin modulates the malignant properties of T84 colon carcinoma cells.

Involvement of multidrug resistance-associated protein 2 in in vivo cisplatin resistance of rat hepatoma AH66 cells.

Alpha-tocopherol protects cultured human cells from the acute lethal cytotoxicity of dioxin.

Renal cell carcinoma and occupational exposure to chemicals in Canada.

Relationship between acetaldehyde levels and cell survival in ethanol-metabolizing hepatoma cells.

Persistent abnormalities in the rat mammary gland following gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Tumor necrosis factor-alpha and interleukin-1beta mediate the production of nitric oxide involved in the pathogenesis of ifosfamide induced hemorrhagic cystitis in mice.

Case-control study evaluating the homogeneity and heterogeneity of risk factors between sinonasal and nasopharyngeal cancers.

Restoration of p53 tumor suppressor pathway in human cervical carcinoma cells by sodium arsenite.

Physiologic levels of epidermal growth factor in saliva stimulate cell migration of an oral epithelial cell line, HO-1-N-1.

Hsp-90-associated oncoproteins: multiple targets of geldanamycin and its analogs.

Prediction of rodent nongenotoxic carcinogenesis: evaluation of biochemical and tissue changes in rodents following exposure to nine nongenotoxic NTP carcinogens.

Plasma concentrations of polychlorinated biphenyls and the risk of breast cancer: a congener-specific analysis.

The environmental toxin 2,3,7,8-tetrachlorodibenzo-p-dioxin induces cytochrome P450 activity in high passage PC 3 and DU 145 human prostate cancer cell lines.

Up-regulated expression of genes encoding Hrk and IL-3R beta subunit by TCDD in vivo and in vitro.

Improvement of chemically-activated luciferase gene expression bioassay for detection of dioxin-like chemicals.

The potential role of exposure to environmental toxicants in the pathophysiology of endometriosis.

On the rumors about the silent spring. Review of the scientific evidence linking occupational and environmental pesticide exposure to endocrine disruption health effects.

Effects of reactive oxygen species on lymphokine-activated killer cells in patients with bladder cancer.

Metabolic control analysis in drug discovery and disease.

Induction of CYP1A1 and CYP1B1 in T-47D human breast cancer cells by benzo[a]pyrene is diminished by arsenite.

Arsenic-induced Mre11 phosphorylation is cell cycle-dependent and defective in NBS cells.

Involvement of protein tyrosine phosphorylation and reduction of cellular sulfhydryl groups in cell death induced by 1'-acetoxychavicol acetate in Ehrlich ascites tumor cells.

Decrease in K-ras p21 and increase in Raf1 and activated Erk 1 and 2 in murine lung tumors initiated by N-nitrosodimethylamine and promoted by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of currently used pesticides in assays for estrogenicity, androgenicity, and aromatase activity in vitro.

Obligatory requirement of sulfation for P-selectin binding to human salivary gland carcinoma Acc-M cells and breast carcinoma ZR-75-30 cells.

Association between chronic exposure to pesticides and recorded cases of human malignancy in Gaza Governorates (1990-1999).

In vitro effects of 4-chloro-3-ethylphenol in skeletal muscle preparations from malignant hyperthermia susceptible and normal swine.

NTP Technical Report on the Toxicology and Carcinogenesis Studies of Chloral Hydrate (Cas No. 302-17-0) in B6C3F1 mice (Gavage Studies).

Src tyrosine kinase augments taxotere-induced apoptosis through enhanced expression and phosphorylation of Bcl-2.

Heat stress-induced loss of eukaryotic initiation factor 5A (eIF-5A) in a human pancreatic cancer cell line, MIA PaCa-2, analyzed by two-dimensional gel electrophoresis.

A correlative study on antimutagenic and chemopreventive activity of *Acacia auriculiformis* A. Cunn. and *Acacia nilotica* (L.) Willd. Ex Del.

Tumor necrosis factor alpha stimulates invasion of Src-activated intestinal cells.

Dynamic imaging of endoplasmic reticulum Ca²⁺ concentration in insulin-secreting MIN6 Cells using recombinant targeted cameleons: roles of sarco(endo)plasmic reticulum Ca²⁺-ATPase (SERCA)-2 and ryanodine receptors.

Development of a green fluorescent protein-based cell bioassay for the rapid and inexpensive detection and characterization of Ah receptor agonists.

Identification of a novel dioxin-inducible cytochrome P450.

Lack of promoting effect due to oral administration of dimethylarsinic acid on rat lung carcinogenesis initiated with N-bis(2-hydroxypropyl)nitrosamine.

Identification of novel Ah receptor agonists using a high-throughput green fluorescent protein-based recombinant cell bioassay.

Mechanism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced decrease in anti-CD3-activated CD4(+) T cells: the roles of apoptosis, Fas, and TNF.

How can chemical compounds alter human fertility?

Effects of 2-butoxyethanol on hepatic oxidative damage.

A dynamic role for the Ah receptor in cell signaling? Insights from a diverse group of Ah receptor interacting proteins.

The combined use of the CALUX bioassay and the HRGC/HRMS method for the detection of novel dioxin sources and new dioxin-like compounds.

Dietary folate deficiency enhances induction of micronuclei by arsenic in mice.

Differentiation-dependent induction of CYP1A1 in cultured rat small intestinal epithelial cells, colonocytes, and human colon carcinoma cells: basement membrane-mediated apoptosis.

Timing of exposure and mammary cancer risk.

Activation of bone sialoprotein gene transcription by flavonoids is mediated through an inverted CCAAT box in ROS 17/2.8 cells.

Monoclonal antibodies recognizing epitopes of calretinins: dependence on Ca²⁺-binding status and differences in antigen accessibility in colon cancer cells.

Relative potencies of individual polycyclic aromatic hydrocarbons to induce dioxinlike and estrogenic responses in three cell lines.

Overexpression of bcl-2 protects hepatoma cell line HCC-9204 from ethanol-induced apoptosis.

The use of quantitative histological and molecular data for risk assessment and biologically based model development.

Model of inhibition of the NPM-ALK kinase activity by herbimycin A.

The J-shaped dioxin dose response curve.

Activation of the aromatic hydrocarbon receptor pathway is not sufficient for transcriptional repression of BRCA-1: requirements for metabolism of benzo[a]pyrene to 7r,8t-dihydroxy-9t,10-epoxy-7,8,9,10-tetrahydrobenzo[a]pyrene.

Ferrous ion autoxidation and its chelation in iron-loaded human liver HepG2 cells.

Extracellular signal-regulated kinases and g protein-coupled receptors in megakaryocytic human erythroleukemia cells: selective activation, differential regulation, and dissociation from mitogenesis.

Genomic analysis of alachlor-induced oncogenesis in rat olfactory mucosa.

Autocrine activation of the hepatocyte growth factor receptor/met tyrosine kinase induces tumor cell motility by regulating pseudopodial protrusion.

2,3,7,8-tetrachlorobenzo-p-dioxin inhibits proliferation of SK-N-SH human neuronal cells through decreased production of reactive oxygen species.

Constitutive and TCDD-induced expression of Ah receptor-responsive genes in the pituitary.

Induction of heat shock proteins (HSPs) by sodium arsenite in cultured astrocytes and reduction of hydrogen peroxide-induced cell death.

Upregulation of glutathione-related genes and enzyme activities in cultured human cells by sublethal concentrations of inorganic arsenic.

Subchronic toxicity of Baltic herring oil and its fractions in the rat I: Fractionation and levels of organohalogen pollutants.

Indolo[3,2-b]carbazole inhibits gap junctional intercellular communication in rat primary hepatocytes and acts as a potential tumor promoter.

Urinary 2,5-dichlorophenol as biological index for p-dichlorobenzene exposure in the general population.

Acute arsenite-induced 8-hydroxyguanine is associated with inhibition of repair activity in cultured human cells.

Hemorrhagic cystitis as an unexpected adverse reaction to temozolomide: case report.

Atypical mechanism of NF-kappaB activation during reoxygenation stress in microvascular endothelium: a role for tyrosine kinases.

Involvement of reactive oxygen species in arsenite-induced downregulation of phospholipid hydroperoxide glutathione peroxidase in human epidermoid carcinoma A431 cells.

Chronic arsenic-exposed human prostate epithelial cells exhibit stable arsenic tolerance: mechanistic implications of altered cellular glutathione and glutathione S-transferase.

Tumor necrosis factor alpha (TNF-alpha)-induced prostaglandin E2 release is mediated by the activation of cyclooxygenase-2 (COX-2) transcription via NFkappaB in human gingival fibroblasts.

Using stochastic risk assessment in setting information priorities for managing dioxin impact from a municipal waste incinerator.

Lipid peroxidation in aging brain and Alzheimer's disease.

2,3,7,8-Tetrachlorodibenzo-p-dioxin suppresses tumor necrosis factor-alpha and anti-CD40-induced activation of NF-kappaB/Rel in dendritic cells: p50 homodimer activation is not affected.

2,3,7,8-Tetrachlorodibenzo-p-dioxin is a possible activator of human cytomegalovirus replication in a human fibroblast cell line.

Both tissue inhibitors of metalloproteinases-1 (TIMP-1) and TIMP-2 activate Ras but through different pathways.

Induction of P-glycoprotein, glutathione-S-transferase and cytochrome P450 in rat liver by atrazine.

The effect of oxidative stress on ERalpha and ERbeta expression.

Development of a high throughput screening assay for mitochondrial membrane potential in living cells.

Signal pathways involved in the production of MMP-1 and MMP-3 in human gingival fibroblasts.

Urokinase induces its own expression in Beas2B lung epithelial cells.

Risk assessment of dioxin contamination in human food.

IARC monographs, industry influence, and upgrading, downgrading, and under-grading chemicals: a personal point of view. International Agency for Research on Cancer.

Activation of Wiskott-Aldrich syndrome protein and its association with other proteins by stromal cell-derived factor-1alpha is associated with cell migration in a T-lymphocyte line.

Induction and inhibition of aromatase (CYP19) activity by various classes of pesticides in H295R human adrenocortical carcinoma cells.

Gene-specific TCDD suppression of RARalpha- and RXR-mediated induction of tissue transglutaminase.

Evidence for the involvement of CYP1A2 in the metabolism of bromodichloromethane in rat liver.

Synthesis and cytotoxic activity of N-(2-diethylamino)ethylcarboxamide and other derivatives of 10H-quindoline.

Chronic acquired dyskeratotic papulosis of the face.

Effects of benzo[a]pyrene exposure on a fish population resistant to the toxic effects of dioxin-like compounds.

Changes in gene expression profiles of human fibroblasts in response to sodium arsenite treatment.

Evidence for high activity of xylem parenchyma and ray cells in the interface of host stem and *Agrobacterium tumefaciens*-induced tumours of *Ricinus communis*.

The influence of the solvents DMSO and ethanol on the genotoxicity of alpha,beta-unsaturated aldehydes in the SOS chromotest.

Transfer of dioxin risk between nine major municipal waste incinerators in Taiwan.

Identification of 2,3,7,8-tetrachlorodibenzo-p-dioxin-responsive genes in mouse liver by serial analysis of gene expression.

Monitoring for DNA damage of humans occupationally exposed to methyl bromide.

The production of macrophage inflammatory protein-2 induced by soluble intercellular adhesion molecule-1 in mouse astrocytes is mediated by src tyrosine kinases and p42/44 mitogen-activated protein kinase.

A novel cell line, MDA-kb2, that stably expresses an androgen- and glucocorticoid-responsive reporter for the detection of hormone receptor agonists and antagonists.

Chiral pharmacokinetics and inversion of enantiomers of a new quinoxaline topoisomerase IIbeta poison in the rat.

Population toxicokinetic analysis of 2,3,7,8-tetrachlorodibenzo-p-dioxin using Bayesian techniques.

Effect of the new matrix metalloproteinase inhibitor RO-28-2653 on mitochondrial function.

Derivation, characterization, and phenotypic variation of hepatic progenitor cell lines isolated from adult rats.

Unique property of some synthetic retinoids: activation of the aryl hydrocarbon receptor pathway.

Dioxin stimulates synthesis and secretion of IgE-dependent histamine-releasing factor.

Effects of heat shock protein 70 (Hsp70) on arsenite-induced genotoxicity.

TNF-alpha suppresses bone sialoprotein (BSP) expression in ROS17/2.8 cells.

Uptake of the antivasular agent 5,6-dimethylxanthenone-4-acetic acid (DMXAA) and activation of NF-kappaB in human tumor cell lines.

Arsenic induces oxidative stress and activates stress gene expressions in cultured lung epithelial cells.

Induction of genotoxic damage is not correlated with the ability to methylate arsenite in vitro in the leukocytes of four mammalian species.

Estimating the human health risks from polychlorinated dioxins and furans in stack gas emissions from combustion units: implications of USEPA's dioxin reassessment.

In vitro cytotoxicity testing with fluorescence-based assays in cultured human lung and dermal cells.

Myeloperoxidase-dependent caspase-3 activation and apoptosis in HL-60 cells: protection by the antioxidants ascorbate and (dihydro)lipoic acid.

Toxicity testing and chemical analyses of recycled fibre-based paper for food contact.

Airborne carbonyls from motor vehicle emissions in two highway tunnels.

Modulatory effect of phenolic fractions of Terminalia arjuna on the mutagenicity in Ames assay.

Effect of peroxisome proliferators on the methylation and protein level of the c-myc protooncogene in B6C3F1 mice liver.

Involvement of oxidative stress in NF-kappaB activation in endothelial cells treated by photodynamic therapy.

The stimulation of tumor necrosis factor and inhibition of glucose transport and lipoprotein lipase in adipose cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Cytokine-activated Jak-2 is involved in inducible nitric oxide synthase expression independent from NF-kappaB activation in vascular smooth muscle cells.

Inhibition of catalase activity with 3-amino-triazole enhances the cytotoxicity of the Alzheimer's amyloid-beta peptide.

DNA damage by cadmium and arsenic salts assessed by the single cell gel electrophoresis assay.

Evaluation of diet and dimethylarsinic acid on the urothelium of Syrian golden hamsters.

Environmental and occupational skin diseases in Taiwan.

Impact of chemical warfare with agent orange on women's reproductive lives in Vietnam: a pilot study.

Paraquat in developing countries.

Effects of chloro-s-triazine herbicides and metabolites on aromatase activity in various human cell lines and on vitellogenin production in male carp hepatocytes.

Oral exposure of dimethylarsinic acid, a main metabolite of inorganic arsenics, in mice leads to an increase in 8-Oxo-2'-deoxyguanosine level, specifically in the target organs for arsenic carcinogenesis.

Oxidized forms of peroxiredoxins and DJ-1 on two-dimensional gels increased in response to sublethal levels of paraquat.

[Genotoxic effect of the insecticides pentachlorophenol and lindane on human nasal mucosal epithelium].

Unique renal tubule changes induced in rats and mice by the peroxisome proliferators 2,4-dichlorophenoxyacetic acid (2,4-D) and WY-14643.

Agricultural exposure to carbamate pesticides and risk of non-Hodgkin lymphoma.

Prostate cancer detection in veterans with a history of Agent Orange exposure.

Decreased expression of the NADH:ubiquinone oxidoreductase (complex I) subunit 4 in 1-methyl-4-phenylpyridinium -treated human neuroblastoma SH-SY5Y cells.

Cytotoxic effect of three arsenic compounds in HeLa human tumor and bacterial cells.

Oxidative stress and liver toxicity in rats and human hepatoma cell line induced by pentachlorophenol and its major metabolite tetrachlorohydroquinone.

Possible involvement of O6-methylguanine formation and p53 dysfunction in mouse urinary bladder carcinogenesis.

Oxidative stress promotes the development of transformation: involvement of a potent mutagenic lipid peroxidation product, acrolein.

Effect of sulfosulfuron on the urine and urothelium of male rats.

Differential effects of trivalent and pentavalent arsenicals on cell proliferation and cytokine secretion in normal human epidermal keratinocytes.

Dimethylarsinic acid induces 8-hydroxy-2'-deoxyguanosine formation in the kidney of NCI-Black-Reiter rats.

A concise review of the toxicity and carcinogenicity of dimethylarsinic acid.

Carcinogenicity assays of wood dust and wood additives in rats exposed by long-term inhalation.

The role of nitric oxide in paraquat-induced cytotoxicity in the human A549 lung carcinoma cell line.

Genotoxic effects of methyl isothiocyanate.

Cytotoxic and genotoxic effects of As, MMA, and DMA on leukocytes and stimulated human lymphocytes.

Association of elevated blood levels of pentachlorophenol (PCP) with cellular and humoral immunodeficiencies.

Induction of apoptosis in human lymphocytes by the herbicide 2,4-dichlorophenoxyacetic acid.

Occupational exposure to pesticides and pancreatic cancer.

Urothelial cytotoxicity and regeneration induced by dimethylarsinic acid in rats.

Mortality in chemical workers potentially exposed to 2,4-dichlorophenoxyacetic acid (2,4-D) 1945-94: an update.

Dehydroepiandrosterone inhibits the death of immunostimulated rat C6 glioma cells deprived of glucose.

Arsenic-induced congenital malformations in genetically susceptible folate binding protein-2 knockout mice.

Response of MCF-7 human breast cancer cells to some binary mixtures of oestrogenic compounds in-vitro.

Heterozygosity for the mouse Apex gene results in phenotypes associated with oxidative stress.

Atrazine potentiation of arsenic trioxide-induced cytotoxicity and gene expression in human liver carcinoma cells (HepG2).

Differential role of superoxide and glutathione in S-nitrosoglutathione-mediated apoptosis: a rationale for mild forms of familial amyotrophic lateral sclerosis associated with less active Cu,Zn superoxide dismutase mutants.

Increased susceptibility of copper-deficient neuroblastoma cells to oxidative stress-mediated apoptosis.

Expression and prognostic significance of catalase in malignant mesothelioma.

Expression of inducible nitric oxide synthase in primary culture of rat bladder smooth muscle cells by plasma from cyclophosphamide-treated rats.

Effects of chlorpropham (CIPC) on the hemopoietic system of rats.

Down-regulation of catalase gene expression in the doxorubicin-resistant AML subline AML-2/DX100.

Biological effects of a nano red elemental selenium.

Inhibition of apoptosis by pentachlorophenol in v-myc-transfected rat liver epithelial cells: relation to down-regulation of gap junctional intercellular communication.

Caspase-3 activation induced by inhibition of mitochondrial complex I is facilitated by glycogen synthase kinase-3beta and attenuated by lithium.

Symbiotic gene activation is interrupted by endocrine disrupting chemicals.

P34(cdc2) kinase is associated with cortical microtubules from higher plant protoplasts.

Propanil inhibits tumor necrosis factor- α production by reducing nuclear levels of the transcription factor nuclear factor- κ B in the macrophage cell line ic-21.

Characterization of metabolic activation of pentachlorophenol to quinones and semiquinones in rodent liver.

Hyperoxia inhibits oxidant-induced apoptosis in lung epithelial cells.

The transcriptional and DNA binding activity of peroxisome proliferator-activated receptor α is inhibited by ethanol metabolism. A novel mechanism for the development of ethanol-induced fatty liver.

Nontraditional microbial bioactive metabolites.

Mutagenicity of 2-alkylpropenals in *Salmonella typhimurium* strain TA 100: structural influences.

Role of tyrosine phosphorylation in ligand-independent sequestration of CXCR4 in human primary monocytes-macrophages.

B-lymphocytes from malignant hyperthermia-susceptible patients have an increased sensitivity to skeletal muscle ryanodine receptor activators.

Stereospecific antitumor activity of radicicol oxime derivatives.

Characterization of dioxin-like activity of sediments from a Czech river basin.

Macrophage migration inhibitory factor as a redox-sensitive cytokine in cardiac myocytes.

Novel target genes of the Ah (dioxin) receptor: transcriptional induction of N-myristoyltransferase 2.

Mutations to Gly2370, Gly2373 or Gly2375 in malignant hyperthermia domain 2 decrease caffeine and cresol sensitivity of the rabbit skeletal-muscle Ca^{2+} -release channel (ryanodine receptor isoform 1).

Dioxin body burdens in operation ranch hand veterans: promotion blocking and cancer causation.

Effects on levels of glutathione and some related enzymes in tissues after an acute arsenic exposure in rats and their relationship to dietary protein deficiency.

Non-Hodgkin's lymphoma and specific pesticide exposures in men: cross-Canada study of pesticides and health.

Protection by dietary compounds against mutation in a transgenic rodent.

Agricultural risk factors for t(14;18) subtypes of non-Hodgkin's lymphoma.

Significant shortcomings of the U.S. Environmental Protection Agency's latest draft risk characterization for dioxin-like compounds.

Induction of cytochrome P450 1A1 gene expression by a vitamin K3 analog in mouse hepatoma Hepa-1c1c7 cells.

The effects of catechol-O-methyltransferase inhibition on estrogen metabolite and oxidative DNA damage levels in estradiol-treated MCF-7 cells.

Involvement of a post-transcriptional mechanism in the inhibition of CYP1A1 expression by resveratrol in breast cancer cells.

Mast cell regulation of inflammation and gene expression during antigen-induced bladder inflammation in mice.

[Epidemiology of soft tissue sarcomas in adults].

Expression of MRP1 and related transporters in human lung cells in culture.

Secretion of gelatinases and activation of gelatinase A (MMP-2) by human rheumatoid synovial fibroblasts.

Arsenic suppresses necrosis induced by selenite in human leukemia HL-60 cells.

Agricultural pesticide use in California: pesticide prioritization, use densities, and population distributions for a childhood cancer study.

Occupational exposure to endocrine-disrupting pesticides and the potential for developing hormonal cancers.

p73 is a growth-regulated protein in vascular smooth muscle cells and is present at high levels in human atherosclerotic plaque.

Butylhydroxytoluene (BHT) increases susceptibility of transgenic rasH2 mice to lung carcinogenesis.

Arsenite is a cocarcinogen with solar ultraviolet radiation for mouse skin: an animal model for arsenic carcinogenesis.

The risk of endometriosis and exposure to dioxins and polychlorinated biphenyls: a case-control study of infertile women.

Transport of methotrexate into PC-3 human prostate cancer cells.

Association of c-myc overexpression and hyperproliferation with arsenite-induced malignant transformation.

7,12-Dimethylbenz[a]anthracene inhibition of steroid production in MA-10 mouse Leydig tumor cells is not directly linked to induction of CYP1B1.

Risk assessment for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) based on an epidemiologic study.

Inhibition of tyrosine kinase activity induces caspase-dependent apoptosis in anaplastic large cell lymphoma with NPM-ALK (p80) fusion protein.

Effects of calorie restriction on polymicrobial peritonitis induced by cecum ligation and puncture in young C57BL/6 mice.

Inducing effects of dioxin-like polychlorinated biphenyls on CYP1A in the human hepatoblastoma cell line HepG2, the rat hepatoma cell line H4IIE, and rat primary hepatocytes: comparison of relative potencies.

Accessibility and activity of the promoter for a dioxin-inducible ecto-ATPase gene.

FLT3 tyrosine kinase as a target molecule for selective antileukemia therapy.

[CD7(+)] acute myeloid leukemia (M0) associated with a mediastinal bulky mass lesion].

Pro-apoptotic interactions between XK469 and the peripheral benzodiazepine receptor.

Cost effectiveness of reducing dioxin emissions from municipal solid waste incinerators in Japan.

Absence of Crabtree effect in human melanoma cells adapted to growth at low pH: reversal by respiratory inhibitors.

Use of cDNA microarrays to analyze dioxin-induced changes in human liver gene expression.

Dioxin-inducible transactivation in a chromosomal setting. Analysis of the acidic domain of the Ah receptor.

Use of a toxicokinetic model in the analysis of cancer mortality in relation to the estimated absorbed dose of dioxin (2,3,7,8-tetrachlorodibenzo-p-dioxin, TCDD).

Modulatory effects of neonatal exposure to TCDD, or a mixture of PCBs, p,p'-DDT, and p,p'-DDE, on methylnitrosourea-induced mammary tumor development in the rat.

Induction of hepatic 8-oxo-deoxyguanosine adducts by 2,3,7,8-tetrachlorodibenzo-p-dioxin in Sprague-Dawley rats is female-specific and estrogen-dependent.

Melatonin attenuates estradiol-induced oxidative damage to DNA: relevance for cancer prevention.

Identification of rab7 as a melanosome-associated protein involved in the intracellular transport of tyrosinase-related protein 1.

Expression of glutathione-S-transferase isozyme in the SY5Y neuroblastoma cell line increases resistance to oxidative stress.

Hypoxia-inducible factor 1alpha and 1beta proteins share common signaling pathways in human prostate cancer cells.

The hepatitis B virus HBx protein induces adherens junction disruption in a src-dependent manner.

Indirect exposure assessment at the United States Environmental Protection Agency.

Exposure to the dioxin 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces squamous metaplasia in the endocervix of cynomolgus macaques.

Tyrosine kinase inhibitors in the treatment of chronic myeloid leukaemia: so far so good?

Invited commentary: how do the Seveso findings affect conclusions concerning TCDD as a human carcinogen?

Health effects of dioxin exposure: a 20-year mortality study.

Differential regulation of cytochrome P450 1A1 and 1B1 by a combination of dioxin and pesticides in the breast tumor cell line MCF-7.

Regulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced tumor promotion by 17 beta-estradiol in female Sprague-Dawley rats.

Human health effects of dioxins: cancer, reproductive and endocrine system effects.

Association between canine malignant lymphoma, living in industrial areas, and use of chemicals by dog owners.

Oral administration of dimethylarsinic acid, a main metabolite of inorganic arsenic, in mice promotes skin tumorigenesis initiated by dimethylbenz(a)anthracene with or without ultraviolet B as a promoter.

Estrogenic and dioxin-like potency in each step of a controlled landfill leachate treatment plant in Japan.

Dioxin exposure and public health in Chapaevsk, Russia.

Method for evaluation of immunotoxicity of dioxin compounds using human T-lymphoblastic cell line, L-MAT.

Metabolism of equilenin in MCF-7 and MDA-MB-231 human breast cancer cells.

How serious is dioxin's cancer risk?

Comparison of exhaust emissions from Swedish environmental classified diesel fuel (MK1) and European Program on Emissions, Fuels and Engine Technologies (EPEFE) reference fuel: a chemical and biological characterization, with viewpoints on cancer risk.

Absence of estrogen receptor-alpha expression in human ovarian clear cell adenocarcinoma compared with ovarian serous, endometrioid, and mucinous adenocarcinoma.

Nephrin redistribution on podocytes is a potential mechanism for proteinuria in patients with primary acquired nephrotic syndrome.

Recent advances in arsenic carcinogenesis: modes of action, animal model systems, and methylated arsenic metabolites.

Correlation of cardiotoxicity mediated by halogenated aromatic hydrocarbons to aryl hydrocarbon receptor activation.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and diindolylmethanes differentially induce cytochrome P450 1A1, 1B1, and 19 in H295R human adrenocortical carcinoma cells.

Disruption of the genes for ClpXP protease in Salmonella enterica serovar Typhimurium results in persistent infection in mice, and development of persistence requires endogenous gamma interferon and tumor necrosis factor alpha.

UCS15A, a non-kinase inhibitor of Src signal transduction.

Down-regulation of E-cadherin gene expression by collagen type I and type III in pancreatic cancer cell lines.

Uptake mechanism of valproic acid in human placental choriocarcinoma cell line (BeWo).

Suppression of CYP1A1 expression by 4-nonylphenol in murine Hepa-1c1c7 cells.

Autologous blood transfusion in oral and maxillofacial surgery patients with the use of erythropoietin.

Etiologic factors in soft tissue sarcomas.

[Chronic arsenicism].

Toxicity of PCB-126 in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P4501A induction in several organ systems.

Comparative biodistribution and metabolism of carbon-11-labeled N-[2-(dimethylamino)ethyl]acridine-4-carboxamide and DNA-intercalating analogues.

Lung carcinogenesis: resveratrol modulates the expression of genes involved in the metabolism of PAH in human bronchial epithelial cells.

Testosterone-induced growth of S115 mouse mammary tumor cells is dependent on heparan sulfate.

Maximal aryl hydrocarbon receptor activity depends on an interaction with the retinoblastoma protein.

Quantitative relationship between arsenic exposure and AP-1 activity in mouse urinary bladder epithelium.

Molecular biology of the Ah receptor and its role in carcinogenesis.

Subchronic sodium chlorate exposure in drinking water results in a concentration-dependent increase in rat thyroid follicular cell hyperplasia.

The Belgian PCB and dioxin incident of January-June 1999: exposure data and potential impact on health.

Alternative activation of extracellular signal-regulated protein kinases in curcumin and arsenite-induced HSP70 gene expression in human colorectal carcinoma cells.

Androgen receptor antagonism by the organophosphate insecticide fenitrothion.

Identification of apoptotic cells by formamide-induced dna denaturation in condensed chromatin.

Differential expression of Hox A5 in human colon cancer cell differentiation: a quantitative study using real-time RT-PCR.

Identification by mass spectrometry of a new alpha-tubulin isotype expressed in human breast and lung carcinoma cell lines.

Aromatic hydrocarbon receptor (AhR). AhR nuclear translocator- and p53-mediated induction of the murine multidrug resistance *mdr1* gene by 3-methylcholanthrene and benzo(a)pyrene in hepatoma cells.

Up-regulation of urokinase-type plasminogen activator by insulin-like growth factor-I depends upon phosphatidylinositol-3 kinase and mitogen-activated protein kinase kinase.

Effect of highly bioaccumulated polychlorinated biphenyl congeners on estrogen and androgen receptor activity.

Transcriptional activation of cathepsin D gene expression by 17beta-estradiol: mechanism of aryl hydrocarbon receptor-mediated inhibition.

5-Aminolaevulinic acid methyl ester transport on amino acid carriers in a human colon adenocarcinoma cell line.

Genetic events associated with arsenic-induced malignant transformation: applications of cDNA microarray technology.

Dosimetry of low-energy protons and light ions.

Antimitotic actions of a novel analog of the fungal metabolite palmarumycin CP1.

Identification of estrogen-induced genes downregulated by AhR agonists in MCF-7 breast cancer cells using suppression subtractive hybridization.

Chemoprotection and interindividual differences in response to biological reactive intermediates.

Bcl-2 overexpression decreases BCNU sensitivity of a human glioblastoma line through enhancement of catalase activity.

Final report on the safety assessment of Juniperus communis Extract, Juniperus oxycedrus Extract, Juniperus oxycedrus Tar, Juniperus phoenicea extract, and Juniperus virginiana Extract.

Human cyclophilin 40 is a heat shock protein that exhibits altered intracellular localization following heat shock.

Protein kinase inhibitors can suppress stress-induced dissociation of Hsp27.

Pesticides as a cause of occupational skin diseases in farmers.

Protein tyrosine kinase-dependent regulation of adenylate cyclase and phosphatidylinositol 3-kinase activates the expression of glial fibrillary acidic protein upon induction of differentiation in rat c6 glioma.

History of the development of arsenic derivatives in cancer therapy.

Molecular basis of dioxin actions: evidence supporting chemoprotection.

Aryl hydrocarbon receptor signaling plays a significant role in mediating benzo[a]pyrene- and cigarette smoke condensate-induced cytogenetic damage in vivo.

Analysis of collagenase-cleavage of type II collagen using a neoepitope ELISA.

Benzo[a]pyrene-induced toxicity: paradoxical protection in Cyp1a1(-/-) knockout mice having increased hepatic BaP-DNA adduct levels.

Studies made to assess risk concerning a 'dioxin' contamination incident near Bolsover, Derbyshire, UK.

Cyclophosphamide induces caspase 9-dependent apoptosis in 9L tumor cells.

Histopathological alterations and induction of cytochrome P-450 1A in the liver and gills of the gilthead seabream (*Sparus aurata*) exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Lipid peroxidation end products-responded induction of a preneoplastic marker enzyme glutathione S-transferase P-form (GST-P) in rat liver on admistration via the portal vein.

Cytochrome CYP2E1 phenotyping and genotyping in the evaluation of health risks from exposure to polluted environments.

Toxicological relevance of the multidrug resistance protein 1, MRP1 (ABCC1) and related transporters.

Inhibition of apoptosis in rat hepatocytes treated with 'non-dioxin-like' polychlorinated biphenyls.

Phosphorylation-induced activation of tilapia nonspecific cytotoxic cells by serum cytokines.

Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds.

Clustering of hepatotoxins based on mechanism of toxicity using gene expression profiles.

Fatal poisoning by butachlor and chlornitrofen ingested from a bottle marked as nitrofen.

Dissociation of 5' AMP-activated protein kinase activation and glucose uptake stimulation by mitochondrial uncoupling and hyperosmolar stress: differential sensitivities to intracellular Ca²⁺ and protein kinase C inhibition.

TAT peptide on the surface of liposomes affords their efficient intracellular delivery even at low temperature and in the presence of metabolic inhibitors.

Identification of UV photoproducts and hydrolysis products of butachlor by mass spectrometry.

Mode of action and tissue dosimetry in current and future risk assessments.

Mutagenicity of TCDD in Big Blue transgenic rats.

Cancer isoform of a tumor-associated cell surface NADH oxidase (tNOX) has properties of a prion.

Male reproductive effect of arsenic in mice.

Early indicators of response in biologically based risk assessment for nongenotoxic carcinogens.

Oxy5, a novel protein from Arabidopsis thaliana, protects mammalian cells from oxidative stress.

Sodium arsenite enhances AP-1 and NFkappaB DNA binding and induces stress protein expression in precision-cut rat lung slices.

Effects of environmental antiandrogens on reproductive development in experimental animals.

Induction of CYP1A by benzo[k]fluoranthene in human hepatocytes: CYP1A1 or CYP1A2?

Inhibition of liver methionine adenosyltransferase gene expression by 3-methylcolanthrene: protective effect of S-adenosylmethionine.

Cyclopentenone prostaglandins as potential inducers of intracellular oxidative stress.

Potential of arsenic-induced cytotoxicity by sulfur amino acid deprivation (SAAD) through activation of ERK1/2, p38 kinase and JNK1: the distinct role of JNK1 in SAAD-potentiated mercury toxicity.

Toxicology of metam sodium.

Induction of direct adducts, apurinic/apyrimidinic sites and oxidized bases in nuclear DNA of human HeLa S3 tumor cells by tetrachlorohydroquinone.

Oxidative damage and direct adducts in calf thymus DNA induced by the pentachlorophenol metabolites, tetrachlorohydroquinone and tetrachloro-1,4-benzoquinone.

Increased tumor necrosis factor- α production by peripheral blood leukocytes from TCDD-exposed rhesus monkeys.

Oncogenic Ras-induced proliferation requires autocrine fibroblast growth factor 2 signaling in skeletal muscle cells.

Aryl hydrocarbon receptor-deficient mice generate normal immune responses to model antigens and are resistant to TCDD-induced immune suppression.

[Involvement of regulating the phosphatidylinositol 3-kinase signaling pathway in the process of herbimycin A-induced erythroid cell differentiation in the K562 erythroleukemia cell line].

Heterogeneity and plasticity of hepatocyte lineage cells.

The role of time as a quantifiable variable of toxicity and the experimental conditions when Haber's $c \times t$ product can be observed: implications for therapeutics.

Induction of cytochrome P450 1A1 gene expression, oxidative stress, and genotoxicity by carbaryl and thiabendazole in transfected human HepG2 and lymphoblastoid cells.

Induction of oxyradicals by arsenic: implication for mechanism of genotoxicity.

Acyl-CoA-binding protein in the armadillo Harderian gland: its primary structure and possible role in lipid secretion.

In situ hybridization and immunohistochemical analysis of cytochrome P450 1B1 expression in human normal tissues.

Increase Intake of Water for Prevention of Cancer: an Enzymological Lesson?

Liver Cancer in Viet Nam: Risk Estimates of Viral Infections and Dioxin Exposure in the South and North Populations.

Nitroxide TEMPOL impairs mitochondrial function and induces apoptosis in HL60 cells.

Cepharanthine activates caspases and induces apoptosis in Jurkat and K562 human leukemia cell lines.

Development of quantitative structure-activity relationship (QSAR) models for predicting risk of exposure from carcinogens in animals.

Genotoxic effects of carbon black particles, diesel exhaust particles, and urban air particulates and their extracts on a human alveolar epithelial cell line (A549) and a human monocytic cell line (THP-1).

Carcinogen biomarkers for lung or oral cancer chemoprevention trials.

Metabolism of ochratoxin A: absence of formation of genotoxic derivatives by human and rat enzymes.

Clonal anergy induced in a CD8+ hapten-specific cytotoxic T-cell clone by an altered hapten-peptide ligand.

Inhalation toxicity studies of the alpha,beta-unsaturated ketones: 2-cyclohexene-1-one.

Health risks posed by use of Di-2-ethylhexyl phthalate (DEHP) in PVC medical devices: a critical review.

Evaluation of the in vitro genetic toxicity of 4-(2, 4-dichlorophenoxy)butyric acid.

Butachlor, a suspected carcinogen, alters growth and transformation characteristics of mouse liver cells.

Folic acid protects SWV/Fnn embryo fibroblasts against arsenic toxicity.

Evolution of alachlor-induced nasal neoplasms in the Long-Evans rat.

Role of prolactin in chloro-S-triazine rat mammary tumorigenesis.

Arsenic species that cause release of iron from ferritin and generation of activated oxygen.

72-kDa stress protein (hsp72) induced by administration of dimethylarsinic acid to mice accumulates in alveolar flat cells of lung, a target organ for arsenic carcinogenesis.

Mortality and cancer incidence among Swedish lumberjacks exposed to phenoxy herbicides.

Development of California Public Health Goals (PHGs) for chemicals in drinking water.

Cancer mortality in four northern wheat-producing states.

The molecular effects of acrolein.

Effects of in utero exposure to linuron on androgen-dependent reproductive development in the male Crl:CD(SD)BR rat.

Prevention of the down-regulation of gap junctional intercellular communication by green tea in the liver of mice fed pentachlorophenol.

Chronic toxicity and oncogenicity bioassay in rats with the chloro-s-triazine herbicide cyanazine.

Acetochlor-induced rat nasal tumors: further studies on the mode of action and relevance to humans.

Comparative toxicity of trivalent and pentavalent inorganic and methylated arsenicals in rat and human cells.

Roundup inhibits steroidogenesis by disrupting steroidogenic acute regulatory (StAR) protein expression.

Effect of chlorinated hydrocarbons on expression of cytochrome P450 1A1, 1A2 and 1B1 and 2- and 4-hydroxylation of 17beta-estradiol in female Sprague-Dawley rats.

Induction of microsatellite mutations by oxidative agents in human lung cancer cell lines.

In vitro studies of cellular and molecular developmental toxicity of adjuvants, herbicides, and fungicides commonly used in Red River Valley, Minnesota.

In vivo cytokine production and resistance to infection after acute exposure to 3,4-dichloropropionaniline.

Immunodetection of hepatic peroxisomal PMP70 as an indicator of peroxisomal proliferation in the mummichog, *Fundulus heteroclitus*.

Propofol improves recovery from paraquat acute toxicity in vitro and in vivo.

Influence of Adriamycin and paraquat on antioxidant enzyme expression in primary rat hepatocytes.

Subchronic toxicity of chlorpropham (CIPC) in ICR mice.

Increased tumor necrosis factor- α sensitivity of MCF-7 cells transfected with NAD(P)H:quinone reductase.

Promotion of skin carcinogenesis by dimethylarsinic acid in keratin (K6)/ODC transgenic mice.

The effect of exposure to a commercial 2,4-D herbicide formulation during gestation on urethan-induced lung adenoma formation in CD-1 mice.

Catalytic efficiencies of allelic variants of human glutathione S-transferase Pi in the glutathione conjugation of α , β -unsaturated aldehydes.

[Pentachlorophenol poisoning. Report of 4 cases and review of the literature].

Occupation and prostate cancer risk in Sweden.

Ethane sulfonate metabolite of alachlor: assessment of oncogenic potential based on metabolic and mechanistic considerations.

Air toxics and health risks in California: the public health implications of outdoor concentrations.

Safety evaluation and risk assessment of the herbicide Roundup and its active ingredient, glyphosate, for humans.

Effects of L-2-oxothiazolidine-4-carboxylate on the cytotoxic activity and toxicity of cyclophosphamide in mice bearing B16F10 melanoma liver metastases.

[A cluster of doubts].

Stimulated pulmonary cell hyperplasia underlies resistance to α -naphthylthiourea.

1-Methyl-6,7-dihydroxy-1,2,3,4-tetrahydroisoquinoline (salsolinol) is toxic to dopaminergic neuroblastoma SH-SY5Y cells via impairment of cellular energy metabolism.

Genetic variation of basal iron status, ferritin and iron regulatory protein in mice: potential for modulation of oxidative stress.

Paraquat-induced lipid peroxidation and injury in Ehrlich ascites tumor cells.

Use of the *Drosophila* wing spot test in the genotoxicity testing of different herbicides.

6-Hydroxydopamine toxicity towards human SH-SY5Y dopaminergic neuroblastoma cells: independent of mitochondrial energy metabolism.

Alar again: science, the media, and the public's right to know.

Mechanistic aspects of the induction of apoptosis by lauryl gallate in the murine B-cell lymphoma line Wehi 231.

Disrupted mitochondrial electron transport function increases expression of anti-apoptotic bcl-2 and bcl-X(L) proteins in SH-SY5Y neuroblastoma and in Parkinson disease cybrid cells through oxidative stress.

Circulating thyroglobulin transcytosed by thyroid cells in complexed with secretory components of its endocytic receptor megalin.

Activation of JNK, p38 and ERK mitogen-activated protein kinases by chromium(VI) is mediated through oxidative stress but does not affect cytotoxicity.

Cyclophosphamide-induced cystitis in freely-moving conscious rats: behavioral approach to a new model of visceral pain.

DMPS-arsenic challenge test. II. Modulation of arsenic species, including monomethylarsonous acid (MMA(III)), excreted in human urine.

The role of orally administered dimethylarsinic acid, a main metabolite of inorganic arsenics, in the promotion and progression of UVB-induced skin tumorigenesis in hairless mice.

Interaction among mitochondria, mitogen-activated protein kinases, and nuclear factor-kappaB in cellular models of Parkinson's disease.

2-Chloro-s-triazine herbicides induce aromatase (CYP19) activity in H295R human adrenocortical carcinoma cells: a novel mechanism for estrogenicity?

Reactive oxygen species-specific mechanisms of drug resistance in paraquat-resistant acute myelogenous leukemia sublines.

Evidence for a role of chloroethylaziridine in the cytotoxicity of cyclophosphamide.

Comparative metabolism of chloroacetamide herbicides and selected metabolites in human and rat liver microsomes.

Different cell death mechanisms and gene expression in human cells induced by pentachlorophenol and its major metabolite, tetrachlorohydroquinone.

Antiapoptotic and antigenotoxic effects of N-acetylcysteine in human cells of endothelial origin.

Deregulated manganese superoxide dismutase expression and resistance to oxidative injury in p53-deficient cells.

MPP(+) injection into rat substantia nigra causes secondary glial activation but not cell death in the ipsilateral striatum.

Catalases and thioredoxin peroxidase protect *Saccharomyces cerevisiae* against Ca(2+)-induced mitochondrial membrane permeabilization and cell death.

Structural organization of the human gastrointestinal glutathione peroxidase (GPX2) promoter and 3'-nontranscribed region: transcriptional response to exogenous redox agents.

Characterization of the transport of the organic cation [3H]MPP+ in human intestinal epithelial (Caco-2) cells.

Dose-dependent effects on tissue distribution and metabolism of dimethylarsinic acid in the mouse after intravenous administration.

Structure-activity relationship in potentially anti-tumor promoting benzalacetone derivatives, as assayed by the Epstein-Barr virus early antigen activation.

Evaluation of the developmental toxicity of thalidomide using frog embryo teratogenesis assay-xenopus (FETAX): biotransformation and detoxification.

TCDD elevates erbB2 expression and signaling in T47D cells by reversing serum potentiation of estrogen receptor activity, independent of estrogen levels and enhanced ER down-regulation.

The human cytochrome P450 1A1 mRNA is rapidly degraded in HepG2 cells.

Liver tumor-promoting activity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in TCDD-sensitive and TCDD-resistant rat strains.

Contribution of planar (0-1 ortho) and nonplanar (2-4 ortho) fractions of Aroclor 1260 to the induction of altered hepatic foci in female Sprague-Dawley rats.

Partial characterization of an abundant human skin melanosomal 66 kDa protein (MP 66) and investigation to purify a similar protein from B16 murine melanoma tumours.

[Endocrine disrupting chemicals and carcinogenesis--breast, testis and prostate cancer].

NRH:quinone oxidoreductase2 (NQO2).

Failure of Ah receptor to mediate induction of cytochromes P450 in the CYP1 family in the human hepatoma line SK-Hep-1.

Characterization of ATP-sensitive potassium channels functionally expressed in pituitary GH3 cells.

Joint effects of nine polychlorinated biphenyl (PCB) congeners on breast cancer risk.

3',4'-dimethoxyflavone as an aryl hydrocarbon receptor antagonist in human breast cancer cells.

2,2',4,6,6'-pentachlorobiphenyl induces apoptosis in human monocytic cells.

Toxicology. Panel backs EPA dioxin assessment.

Rac1 regulates stress-induced, redox-dependent heat shock factor activation.

Down-regulation of murine Cyp1a-1 in mouse hepatoma Hepa-1c1c7 cells by bisphenol A.

Induction of lung lesions in female rats following chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Arsenic methylation capacity and skin cancer.

Src homology 2 domain substitution modulates the kinase and transforming activities of the Fes protein-tyrosine kinase.

Comparative studies on the effects of green tea extracts and individual tea catechins on human CYP1A gene expression.

SULT1A1 catalyzes 2-methoxyestradiol sulfonation in MCF-7 breast cancer cells.

Syndecan-1-dependent homotypic cell adhesion in HT58 lymphoma cells.

The application of reporter gene assays for the determination of the toxic potency of diffuse air pollution.

Effects of dioxin and estrogen on collagenase-3 in UMR 106-01 osteosarcoma cells.

The transcriptional signature of dioxin in human hepatoma HepG2 cells.

[Effect of sodium azide on mitochondrial membrane potential in SH-SY5Y human neuroblastoma cells].

Do people actually pursue risk elimination in environmental risk management?

Ovarian tumors in rats induced by chronic 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment.

Selective involvement of reactive oxygen intermediates in platelet-activating factor-mediated activation of NF-kappaB.

Taxol mediates serine phosphorylation of the 66-kDa Shc isoform.

Novel oxime derivatives of radicicol induce erythroid differentiation associated with preferential G(1) phase accumulation against chronic myelogenous leukemia cells through destabilization of Bcr-Abl with Hsp90 complex.

BCRP/MXR/ABCP expression in topotecan-resistant human breast carcinoma cells.

Soft tissue sarcomas in the general population living near a chemical plant in Northern Italy.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on initiation and promotion of GST-P-positive foci in rat liver: A quantitative analysis of experimental data using a stochastic model.

Application of capillary electrophoresis in clinical chemistry: the clinical value of urinary modified nucleosides.

The mitogenic signaling pathway for fibroblast growth factor-2 involves the tyrosine phosphorylation of cyclin D2 in MCF-7 human breast cancer cells.

Stretch-dependent modulation of contractility and growth in smooth muscle of rat portal vein.

Parental occupational exposures and risk of neuroblastoma: a case-control study (United States).

Disruption of dioxin-inducible phase I and phase II gene expression patterns by cadmium, chromium, and arsenic.

TCDD suppression of tissue transglutaminase stimulation by retinoids in malignant human keratinocytes.

Characterisation of multidrug-resistant Ehrlich ascites tumour cells selected in vivo for resistance to etoposide.

Crosstalk between estrogen receptor alpha and the aryl hydrocarbon receptor in breast cancer cells involves unidirectional activation of proteasomes.

Inhibition of Hsp90 function by ansamycins causes retinoblastoma gene product-dependent G1 arrest.

Inhibitory effects of nitric oxide and nitrosative stress on dopamine-beta-hydroxylase.

Mechanisms of inhibitory aryl hydrocarbon receptor-estrogen receptor crosstalk in human breast cancer cells.

Selecting high-priority hazardous chemicals for tri-national control: a maximum-utility method applied to Mexico.

Arsenic mediates cell proliferation and gene expression in the bladder epithelium: association with activating protein-1 transactivation.

Soft-tissue sarcoma and non-Hodgkin's lymphoma clusters around a municipal solid waste incinerator with high dioxin emission levels.

Quantitative analysis of tyrosinase transcripts in blood.

NT2 neurons, a classical model for Alzheimer's disease, are highly susceptible to oxidative stress.

Toxicology. Just how bad is dioxin?

The t(1;12)(q21;p13) translocation of human acute myeloblastic leukemia results in a TEL-ARNT fusion.

Childhood cancer in the offspring of male sawmill workers occupationally exposed to chlorophenolate fungicides.

Benzylidene lactam compound, KNK437, a novel inhibitor of acquisition of thermotolerance and heat shock protein induction in human colon carcinoma cells.

Iron supplementation affects the production of pro-inflammatory cytokines in IL-10 deficient mice.

Southeast Asia, promotability and dioxin's relationship to cancer incidence in operation ranch hand veterans.

Down-regulation of thyroid transcription factor-1 gene expression in fetal lung hypoplasia is restored by glucocorticoids.

Statistical analysis of skin tumor data from Tg.AC mouse bioassays.

Annexin I is a stress protein induced by heat, oxidative stress and a sulfhydryl-reactive agent.

Dioxin draft sparks controversy.

Evidence of functional ryanodine receptor involved in apoptosis of prostate cancer (LNCaP) cells.

Herbimycin A in the treatment of experimental proliferative vitreoretinopathy: toxicity and efficacy study.

Diflubenzuron, a benzoyl-urea insecticide, is a potent inhibitor of TCDD-induced CYP1A1 expression in HepG2 cells.

IL-2 signaling in human monocytes involves the phosphorylation and activation of p59hck.

Occupational exposures and pancreatic cancer: a meta-analysis.

Role of antioxidant systems in human androgen-independent prostate cancer cells.

Dioxins: WHO's tolerable daily intake (TDI) revisited.

Occupational exposure to chlorophenol and the risk of nasal and nasopharyngeal cancers among U.S. men aged 30 to 60.

Density-dependent growth of normal and nodular hepatocytes.

Transfer factors: identification of conserved sequences in transfer factor molecules.

Risk ranges for various endpoints following exposure to 2,3,7,8-TCDD.

Studies of cancer in humans.

Human health effects after exposure to 2,3,7,8-TCDD.

Animal studies addressing the carcinogenicity of TCDD (or related compounds) with an emphasis on tumour promotion.

Non-carcinogenic effects of TCDD in animals.

Caspase-3 protease activation during the process of genistein-induced apoptosis in TM4 testicular cells.

Isolation of a 41-kDa protein with cell adhesion activity for animal tumor cells from the mushroom *Hypsizygus marmoreus* by affinity chromatography with type IV collagen immobilized on agarose.

Estrogen and aryl hydrocarbon receptor expression and crosstalk in human Ishikawa endometrial cancer cells.

Preventable risk factors for nasal cancer.

Inhibition of UV irradiation-induced oxidative stress and apoptotic biochemical changes in human epidermal carcinoma A431 cells by genistein.

Paternal employment in agriculture and childhood kidney cancer.

Toxicity of chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in diethylnitrosamine-initiated ovariectomized rats implanted with subcutaneous 17 beta-estradiol pellets.

Hepatocarcinogenesis in female Sprague-Dawley rats following discontinuous treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Expression of dioxin-related transactivating factors and target genes in human eutopic endometrial and endometriotic tissues.

Second primary neoplasms following non-Hodgkin's lymphoma in New South Wales, Australia.

Possible role of ROS as mediators of hypoxia-induced ion transport inhibition of alveolar epithelial cells.

P2Y₂ receptor-mediated proliferation of C(6) glioma cells via activation of Ras/Raf/MEK/MAPK pathway.

v-Src suppresses SHPS-1 expression via the Ras-MAP kinase pathway to promote the oncogenic growth of cells.

Ah receptor ligands and tumor promotion: survival of neoplastic cells.

Comparison of oxidative stress response parameters in newborn mouse liver versus simian virus 40 (SV40)-transformed hepatocyte cell lines.

Chemokine receptors CXCR-1/2 activate mitogen-activated protein kinase via the epidermal growth factor receptor in ovarian cancer cells.

Development and modification of a recombinant cell bioassay to directly detect halogenated and polycyclic aromatic hydrocarbons in serum.

[Epidemiology and geo-pathology of malignant lymphomas with special emphasis on Japanese lymphomas].

In vivo treatment of mutant FLT3-transformed murine leukemia with a tyrosine kinase inhibitor.

The impact of 4-chloro-m-cresol in heparin formulas on malignant hyperthermia: in vitro and in vivo.

Arsenic, dioxin, and the promotional step in cancer creation.

Induction and regulation of xenobiotic-metabolizing cytochrome P450s in the human A549 lung adenocarcinoma cell line.

Interleukin-1 β regulates CFTR expression in human intestinal T84 cells.

Trypsin stimulates integrin α (5) β (1)-dependent adhesion to fibronectin and proliferation of human gastric carcinoma cells through activation of proteinase-activated receptor-2.

Carrier-mediated transport of valproic acid in BeWo cells, a human trophoblast cell line.

Effects of histone deacetylase inhibitors on the Ah receptor gene promoter.

Toxic action/toxicity.

Differential expression of phosphatidylethanol-amine-binding protein in rat hepatoma cell lines: analyses of tumor necrosis factor- α -resistant cKDH-8/11 and -sensitive KDH-8/YK cells by two-dimensional gel electrophoresis.

Effects of TCDD on thyroid hormone homeostasis in the rat.

Serum alters the uptake and relative potencies of halogenated aromatic hydrocarbons in cell culture bioassays.

Examination of selected food additives and organochlorine food contaminants for androgenic activity in vitro.

Responses of transgenic mouse lines p53(+/-) and Tg.AC to agents tested in conventional carcinogenicity bioassays.

Selective increase in cellular A beta 42 is related to apoptosis but not necrosis.

Pharmacokinetics of orally administered camptothecins.

Hypothesis: chemical carcinogenesis mediated by a transiently active carcinogen receptor.

Linking environmental cancer with occupational epidemiology research: the role of the International Agency for Research on Cancer (IARC).

N-methoxyindole-3-carbinol is a more efficient inducer of cytochrome P-450 1A1 in cultured cells than indol-3-carbinol.

Prognostic significance of anemia and role of erythropoietin in radiation therapy.

Anti-tumor effect of N-beta-alanyl-5-S-glutathionyl-dihydroxyphenylalanine (5-S-GAD), a novel anti-bacterial substance from an insect.

Peritoneal macrophages from 17 alpha-ethinylestradiol-treated NMRI mice secrete transformation-specific low molecular weight proteins.

Non-Hodgkin's lymphoma and occupational exposure to chemicals in Canada. Canadian Cancer Registries Epidemiology Research Group.

Cytokine-inducing activity and antitumor effect of a liposome-incorporated interferon-gamma-inducing molecule derived from OK-432, a streptococcal preparation.

Pathogenesis of cleft palate in mouse embryos exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Tyrosine kinase inhibitors reduce bcl-2 expression and induce apoptosis in androgen-dependent cells.

Inhibition of I kappaB-alpha phosphorylation at serine and tyrosine acts independently on sensitization to DNA damaging agents in human glioma cells.

Metabolic and K(ATP) channel-independent actions of keto acid initiators of insulin secretion.

A multicenter study of 4-chloro-m-cresol for diagnosing malignant hyperthermia susceptibility.

Effect of the adrenal 11-beta-hydroxylase inhibitor metyrapone on human hepatic cytochrome P-450 expression: induction of cytochrome P-450 3A4.

Induction of cyclooxygenase expression and enhancement of malignant cell transformation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of iron salts and haemosiderin from a thalassaemia patient on oxygen radical damage as measured in the comet assay.

Cytochrome P4501A induction and porphyrin accumulation in PLHC-1 fish cells exposed to sediment and oil shale extracts.

Regulation of prostaglandin endoperoxide H synthase-2 induction by dioxin in rat hepatocytes: possible c-Src-mediated pathway.

Changes in cytoskeletal organization in polyoma middle T antigen-transformed fibroblasts: involvement of protein phosphatase 2A and src tyrosine kinases.

Calpain-mediated proteolytic cleavage of troponin I induced by hypoxia or metabolic inhibition in cultured neonatal cardiomyocytes.

Monomethylarsonic acid reductase and monomethylarsonous acid in hamster tissue.

Glycosaminoglycan sulfation requirements for respiratory syncytial virus infection.

Investigations on the mutagenicity of 1,4-dichlorobenzene and its main metabolite 2,5-dichlorophenol in vivo and in vitro.

A key role for the mitochondrial benzodiazepine receptor in cellular photosensitisation with delta-aminolaevulinic acid.

Determination of the vaporization of solutions of mutagenic antineoplastic agents at 23 and 37 degrees C using a desiccator technique.

Sesamol exhibits antimutagenic activity against oxygen species mediated mutagenicity.

Effect of O6-benzylguanine on alkylating agent-induced toxicity and mutagenicity. In Chinese hamster ovary cells expressing wild-type and mutant O6-alkylguanine-DNA alkyltransferases.

Effect of a dioxin-like PCB (CB 126) on the biotransformation and genotoxicity of benzo.

Toxicity of TCDD in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P450 1A induction in several organ systems.

Comparative effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on MCF-7, RL95-2, and LNCaP cells: role of target steroid hormones in cellular responsiveness to CYP1A1 induction.

An assessment of air toxics in Minnesota.

Differential susceptibility of retinal ganglion cells to reactive oxygen species.

TNF-alpha-induced cyclooxygenase-2 expression in human lung epithelial cells: involvement of the phospholipase C-gamma 2, protein kinase C-alpha, tyrosine kinase, NF-kappa B-inducing kinase, and I-kappa B kinase 1/2 pathway.

The role of time in toxicology or Haber's c x t product.

The macromolecular associations of heat shock protein-27 in vascular smooth muscle.

Doxorubicin represses CARP gene transcription through the generation of oxidative stress in neonatal rat cardiac myocytes: possible role of serine/threonine kinase-dependent pathways.

Signal transduction mechanisms linking increased extracellular calcium to proliferation in ovarian surface epithelial cells.

In vivo singlet-oxygen generation in blood of chromium(VI)-treated mice: an electron spin resonance spin-trapping study.

Evaluation of cytotoxicity, dioxin-like activity and estrogenicity of complex environmental mixtures.

Interleukin 10 modulation of tumour necrosis factor receptors requires tyrosine kinases but not the PI 3-kinase/p70 S6 kinase pathway.

Pentoxifylline attenuates bacterial lipopolysaccharide-induced enhancement of allyl alcohol hepatotoxicity.

Synergistic activation of NF-kappaB and inducible isoform of nitric oxide synthase induction by interferon-gamma and tumor necrosis factor-alpha in INS-1 cells.

Overexpression of catalase in the mitochondrial or cytosolic compartment increases sensitivity of HepG2 cells to tumor necrosis factor-alpha-induced apoptosis.

Effects of VEGF on Ca(2+)-transient in cultured lymphatic endothelial cells and mechanical activity of isolated lymph vessels.

Pathological changes of hepatic artery and portal vein, after allyl-alcohol and carbon tetrachloride administration. An experimental study.

Tumour necrosis factor-alpha- and interleukin-1beta-stimulated cell proliferation through activation of mitogen-activated protein kinase in canine tracheal smooth muscle cells.

Nitric oxide enhances expression and shedding of tumor necrosis factor receptor I (p55) in endothelial cells.

Cloning and functional characterization of the bile acid-sensitive methotrexate carrier from rat liver cells.

The inhibition of ERK/MAPK not the activation of JNK/SAPK is primarily required to induce apoptosis in chronic myelogenous leukemic K562 cells.

Cytotoxicity and keratinocyte microsome-mediated mutagenic activation of carcinogens in cultured epidermal cells.

Anti-inflammatory effect of heat shock protein induction is related to stabilization of I kappa B alpha through preventing I kappa B kinase activation in respiratory epithelial cells.

Metabolic inactivation of five glycidyl ethers in lung and liver of humans, rats and mice in vitro.

Dermal penetration and metabolism of five glycidyl ethers in human, rat and mouse skin.

Ceramide-mediated stimulation of inducible nitric oxide synthase (iNOS) and tumor necrosis factor (TNF) accumulation in murine macrophages requires tyrosine kinase activity.

Altered cell cycle control at the G(2)/M phases in aryl hydrocarbon receptor-null embryo fibroblast.

Chelating agents for uranium(VI): 2. Efficacy and toxicity of tetradentate catecholate and hydroxypyridinonate ligands in mice.

Sodium arsenite-induced dysregulation of proteins involved in proliferative signaling.

Overexpression of wild-type and nuclear-targeted catalase modulates resistance to oxidative stress but does not alter spontaneous mutant frequencies at APRT.

Current risk assessment approaches in different countries.

Toxicokinetics.

Studies on the mechanisms of arsenic-induced self tolerance developed in liver epithelial cells through continuous low-level arsenite exposure.

Tyrosine phosphorylation of the p85 subunit of phosphatidylinositol 3-kinase correlates with high proliferation rates in sublines derived from the Jurkat leukemia.

Role of p53 tumor suppressor gene in the toxicity of TCDD, endrin, naphthalene, and chromium (VI) in liver and brain tissues of mice.

Toxicology of environmental chemicals in the flounder (*Platichthys flesus*) with emphasis on the immune system: field, semi-field (mesocosm) and laboratory studies.

Genetic polymorphism in the biotransformation of inorganic arsenic and its role in toxicity.

NTP Toxicology and Carcinogenesis Studies of Pyridine (CAS No. 110-86-1) in F344/N Rats, Wistar Rats, and B6C3F1 Mice (Drinking Water Studies).

Involvement of arachidonic acid in chemical stress-induced interleukin-6 synthesis in osteoblast-like cells: comparison with heat shock protein 27 induction.

Cytoskeletal alterations in lipopolysaccharide-induced bovine vascular endothelial cell injury and its prevention by sodium arsenite.

Differential induction of tumor necrosis factor alpha and manganese superoxide dismutase by endotoxin in human monocytes: role of protein tyrosine kinase, mitogen-activated protein kinase, and nuclear factor kappaB.

Pathways of neurosteroid biosynthesis in cell lines from human brain: regulation of dehydroepiandrosterone formation by oxidative stress and beta-amyloid peptide.

Aromatic hydrocarbon receptor interaction with the retinoblastoma protein potentiates repression of E2F-dependent transcription and cell cycle arrest.

Geldanamycin disrupts platelet-membrane structure, leading to membrane permeabilization and inhibition of platelet aggregation.

Herbimycin A induces G1 arrest through accumulation of p27(Kip1) in cyclin D1-overexpressing fibroblasts.

Effect of five dietary antimutagens on the genotoxicity of six mutagens in the microscreen prophage-induction assay.

Comparison of three in vitro assays at evaluation of IC50 of acetylsalicylic acid, ferrous sulfate, amitriptyline, methanol, isopropanol and ethylene glycol in human cancer cells HeLa.

Enhancement of transport of D-melphalan analogue by conjugation with L-glutamate across bovine brain microvessel endothelial cell monolayers.

Nongenotoxic (epigenetic) carcinogens: pesticides as an example. A critical review.

[Chemical accident in Schönbach--an assessment of the risk to health and environment].

Oxidative stress induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin: an application of oxidative stress markers to cancer risk assessment of dioxins.

Pressure-induced upregulation of preproendothelin-1 and endothelin B receptor expression in rabbit jugular vein in situ : implications for vein graft failure?

Estrogen enhances induction of cytochrome P-4501A1 by 2,3,7, 8-tetrachlorodibenzo-p-dioxin in liver of female Long-Evans rats.

Chronic dietary toxicity and oncogenicity evaluation of MCPA (4-chloro-2-methylphenoxyacetic acid) in rodents.

trans-Activation of PPARalpha and PPARgamma by structurally diverse environmental chemicals.

Estrous cycle patterns of Sprague-Dawley rats during acute and chronic atrazine administration.

Occupational factors for sarcoma subtypes.

Influence of environmental changes on degradation of chiral pollutants in soils.

Associations between stomach cancer incidence and drinking water contamination with atrazine and nitrate in Ontario (Canada) agroecosystems, 1987-1991.

The mammary tumor response in triazine-treated female rats: a threshold-mediated interaction with strain and species-specific reproductive senescence.

Urinary bladder carcinogenicity of dimethylarsinic acid in male F344 rats.

Cigarette smoke induces direct DNA damage in the human B-lymphoid cell line Raji.

Aberrant copper chemistry as a major mediator of oxidative stress in a human cellular model of amyotrophic lateral sclerosis.

A case-control study of non-Hodgkin lymphoma and exposure to pesticides.

Toxicity of selected plant volatiles in microbial and mammalian short-term assays.

Acute basagran poisoning mimicking neuroleptic malignant syndrome.

In vivo micronucleus assays on 2,4-dichlorophenoxyacetic acid and its derivatives.

Ames assays and unscheduled DNA synthesis assays on 2, 4-dichlorophenoxyacetic acid and its derivatives.

Degeneration and gliosis in rat retina and central nervous system following 3,3'-iminodipropionitrile exposure.

Glutathione antagonized cyclophosphamide- and acrolein-induced cytotoxicity of PC3 cells and immunosuppressive actions in mice.

A review of the epidemiology of soft tissue sarcoma.

An evaluation of the carcinogenic potential of the herbicide alachlor to man.

Re-analysis of 2,4-D use and the occurrence of canine malignant lymphoma.

Dimethylarsinic acid effects on DNA damage and oxidative stress related biochemical parameters in B6C3F1 mice.

Hepato-toxic effect of diuron in albino rats.

Liver preneoplastic changes in mice treated with the herbicide fomesafen.

Occupational risk factors for sarcoma subtypes.

An evaluation of the feasibility of using cytogenetic damage as a biomarker for alachlor exposure.

Dioxin exposure and human leukemias and lymphomas. Lessons from the Seveso accident and studies on industrial workers.

A case-control study of non-Hodgkin lymphoma and exposure to pesticides.

Toxicology and carcinogenesis studies of pentachlorophenol in rats.

Selected phenolic compounds in cultivated plants: ecologic functions, health implications, and modulation by pesticides.

[Endocrine disrupting chemicals and carcinogenicity].

A risk characterization for atrazine: oncogenicity profile.

Propanil affects transcriptional and posttranscriptional regulation of IL-2 expression in activated EL-4 cells.

Glutathione-dependent cytotoxicity of the chloroacetanilide herbicides alachlor, metolachlor, and propachlor in rat and human hepatoma-derived cultured cells.

Simazine.

Atrazine.

[Effect of 2,4-D ecotoxicants on spermatogenesis and fertility of albino rats].

Cytotoxic effect of paraquat on rat C6 glioma cells: evidence for the possibility of non-oxidative damage to the cells.

Dose-specific production of chlorinated quinone and semiquinone adducts in rodent livers following administration of pentachlorophenol.

Cytotoxicity of lindane and paraquat to human hepatoma cell lines.

Promoting activity of the herbicide dicamba (2-methoxy-3, 6-dichlorobenzoic acid) in two stage hepatocarcinogenesis.

The early phase of apoptosis in human neuroblastoma CHP100 cells is characterized by lipoygenase-dependent ultraweak light emission.

SODs are involved in the regulation of ICAM-1 expression in human melanoma and endothelial cells.

Effects of dietary dimethylarsinic acid on the urine and urothelium of rats.

Arsenic trioxide selectively induces acute promyelocytic leukemia cell apoptosis via a hydrogen peroxide-dependent pathway.

Loss of heterozygosity in (LewisxF344)F1 rat urinary bladder tumors induced with N-butyl-N-(4-hydroxybutyl)nitrosamine followed by dimethylarsinic acid or sodium L-ascorbate.

In vitro and in vivo comparison between the effects of treatment with adenosine triphosphate and treatment with buthionine sulfoximine on chemosensitization and tumour growth of B16 melanoma.

Evidence for site-specific bioactivation of alachlor in the olfactory mucosa of the Long-Evans rat.

Pentachlorophenol (PCP) produces liver oxidative stress and promotes but does not initiate hepatocarcinogenesis in B6C3F1 mice.

Decreased intracellular superoxide levels activate Sindbis virus-induced apoptosis.

Acrolein causes inhibitor kappaB-independent decreases in nuclear factor kappaB activation in human lung adenocarcinoma (A549) cells.

Generation of reactive oxygen species by human mesothelioma cells.

Regulation of human airway mucins by acrolein and inflammatory mediators.

³²P-postlabelling with high-performance liquid chromatography for analysis of abundant DNA adducts in human tissues.

Alpha, beta-unsaturated aldehydes mediate inducible expression of glutathione S-transferase in hepatoma cells through activation of the antioxidant response element (ARE).

Differential role of ethanol and acetaldehyde in the induction of oxidative stress in HEP G2 cells: effect on transcription factors AP-1 and NF-kappaB.

The p66shc adaptor protein controls oxidative stress response and life span in mammals.

Transendothelial permeability changes induced by free radicals in an in vitro model of the blood-brain barrier.

In vitro metabolism of alachlor by human liver microsomes and human cytochrome P450 isoforms.

Induction of the multispecific organic anion transporter (cMoat/mrp2) gene and biliary glutathione secretion by the herbicide 2,4,5-trichlorophenoxyacetic acid in the mouse liver.

Enzymatic synthesis of 4-amino-3,5-diethylphenyl sulfate, a rodent metabolite of alachlor.

Biotransformation of pentachlorophenol, aniline and biphenyl in isolated rainbow trout (*Oncorhynchus mykiss*) hepatocytes: comparison with in vivo metabolism.

Inhibition of human tumor growth by 2'-hydroxy- and 2'-benzoyloxycinnamaldehydes.

Enhancement of cytotoxicity of hydrogen peroxide by hyperthermia in chinese hamster ovary cells: role of antioxidant defenses.

Reactive oxygen species participate in *mdr1b* mRNA and P-glycoprotein overexpression in primary rat hepatocyte cultures.

Role of 1,N2-propanodeoxyguanosine adducts as endogenous DNA lesions in rodents and humans.

Acrolein cytotoxicity and glutathione depletion in n-3 fatty acid sensitive- and resistant human tumor cells.

Benzo[k]fluoranthene enhancement and suppression of 17beta-estradiol catabolism in MCF-7 breast cancer cells.

The steroid hormone dehydroepiandrosterone inhibits CYP1A1 expression in vitro by a post-transcriptional mechanism.

[Dietary fiber inhibits the incidence of hepatic metastasis with the anti-oxidant activity and portal scavenging functions].

Benzene and non-Hodgkin's lymphoma.

Oxidation of human catalase by singlet oxygen in myeloid leukemia cells.

Occupational exposures and risk of gastric cancer in a population-based case-control study.

Differential temperature dependency of chemical stressors in HSF1-mediated stress response in mammalian cells.

Inhibition of CYP1A1 enzyme activity in mouse hepatoma cell culture by soybean isoflavones.

Pathophysiological mechanisms of TNF during intoxication with natural or man-made toxins.

[Dioxin poisoning: fasting is risky].

Implication of mitochondria-derived reactive oxygen species, cytochrome C and caspase-3 in N-(4-hydroxyphenyl)retinamide-induced apoptosis in cervical carcinoma cells.

Risk of stomach cancer associated with 12 workplace hazards: analysis of death certificates from 24 states of the United States with the aid of job exposure matrices.

Interspecies differences in cancer susceptibility and toxicity.

Antimutagenic effects of centchroman--a contraceptive and a candidate drug for breast cancer in multiple mutational assays.

Antenatal dexamethasone suppresses tumor necrosis factor- α expression in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats.

Role of HSP90 in mediating cross-talk between the estrogen receptor and the Ah receptor signal transduction pathways.

Inhibition of antioxidants and hyperthermia enhance bleomycin-induced cytotoxicity and lipid peroxidation in Chinese hamster ovary cells.

Geldanamycin induces heat shock protein expression through activation of HSF1 in K562 erythroleukemic cells.

[The intracellular mechanism of NF- κ B activation involved in iNOS and chemokine induction in C6 glioma cells].

The significance of excursions above the ADI: duration in relation to pivotal studies.

In vivo cisplatin resistance depending upon canalicular multispecific organic anion transporter (cMOAT).

Meta-analysis of Hodgkin's disease among farmers.

Quantitative analysis of dose- and time-dependent promotion of four phenotypes of altered hepatic foci by 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats.

Inhibition of BRCA-1 expression by benzo[a]pyrene and its diol epoxide.

Cytotoxicity and aromatase (CYP19) activity modulation by organochlorines in human placental JEG-3 and JAR choriocarcinoma cells.

Modulation of cytochrome P4501A1 activity by ascorbigen in murine hepatoma cells.

Cyclic nucleotide phosphodiesterases (PDE) 3 and 4 in normal, malignant, and HTLV-I transformed human lymphocytes.

[Occupational agents and endocrine function: an update of the experimental and human evidence].

MHC-I-induced apoptosis in human B-lymphoma cells is dependent on protein tyrosine and serine/threonine kinases.

Mutation of beta-catenin is an early event in chemically induced mouse hepatocellular carcinogenesis.

[Small handbook of dioxin et alias].

Characteristics of L-carnitine transport in cultured human hepatoma HLF cells.

Low-dose oral iron absorption test in anaemic patients with and without iron deficiency determined by bone marrow iron content.

Altered bcl-2 family expression during non-genotoxic hepatocarcinogenesis in mice.

Arsenic-related Bowen's disease, palmar keratosis, and skin cancer.

Role of estradiol receptor- α in differential expression of 2,3,7, 8-tetrachlorodibenzo-p-dioxin-inducible genes in the RL95-2 and KLE human endometrial cancer cell lines.

A monoclonal antibody reactive with a 40-kDa molecule on fetal thymocytes and tumor cells blocks proliferation and stimulates aggregation and apoptosis.

Multiple roles of ligand in transforming the dioxin receptor to an active basic helix-loop-helix/PAS transcription factor complex with the nuclear protein Arnt.

F-actin as a functional target for retro-retinoids: a potential role in anhydroretinol-triggered cell death.

Regulation of matrix metalloproteinase-2 (MMP-2) by hepatocyte growth factor/scatter factor (HGF/SF) in human glioma cells: HGF/SF enhances MMP-2 expression and activation accompanying up-regulation of membrane type-1 MMP.

Interactions of nuclear receptor coactivator/corepressor proteins with the aryl hydrocarbon receptor complex.

p44/42 mitogen-activated protein kinase is involved in the expression of ornithine decarboxylase in leukaemia L1210 cells.

Contribution of the nucleoside transport system to doxorubicin transport in HL60 cells but not in mononuclear cells.

Signal transduction-mediated CYP1A1 induction by omeprazole in human HepG2 cells.

PUVA (8-methoxy-psoralen plus ultraviolet A) induces the formation of 8-hydroxy-2'-deoxyguanosine and DNA fragmentation in calf thymus DNA and human epidermoid carcinoma cells.

p27(Kip1) induction and inhibition of proliferation by the intracellular Ah receptor in developing thymus and hepatoma cells.

Role of Ras/ERK-dependent pathway in the erythroid differentiation of K562 cells.

Prevalence of antinuclear antibodies in a rural population.

Secretory phospholipase A2 induces phospholipase C γ -1 activation and Ca²⁺ mobilization in the human astrocytoma cell line 1321N1 by a mechanism independent of its catalytic activity.

Heparin/heparan sulfate interacting protein gene expression is up-regulated in human colorectal carcinoma and correlated with differentiation status and metastasis.

Lipoxin A4: a new class of ligand for the Ah receptor.

[Sodium arsenite selectively inducing apoptosis of G2 + M phase NB4 cells].

Protoporphyrin IX fluorescence kinetics in C6 glioblastoma cells after delta-aminolevulinic acid incubation: effect of a protoporphyrinogen oxidase inhibitor.

Geographical differences of cancer incidence in Costa Rica in relation to environmental and occupational pesticide exposure.

Detoxification of 1-chloro-2,4-dinitrobenzene in MCF7 breast cancer cells expressing glutathione S-transferase P1-1 and/or multidrug resistance protein 1.

BPD-MA-mediated photosensitization in vitro and in vivo: cellular adhesion and beta1 integrin expression in ovarian cancer cells.

4-chloro-m-cresol is a trigger of malignant hyperthermia in susceptible swine.

4-chloro-m-cresol triggers malignant hyperthermia in susceptible swine at doses greatly exceeding those found in drug preparations.

Expression of CYP1A1 and CYP1B1 depends on cell-specific factors in human breast cancer cell lines: role of estrogen receptor status.

Transient nuclear factor kappaB (NF-kappaB) activation stimulated by interleukin-1beta may be partly dependent on proteasome activity, but not phosphorylation and ubiquitination of the IkappaBalpha molecule, in C6 glioma cells. Regulation of NF-kappaB linked to chemokine production.

Cancer, heart disease, and diabetes in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Antiproliferative and apoptosis-inducing effects of an antitumor glycoprotein from Streptococcus pyogenes.

Delayed acute toxicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin (HpCDD), after oral administration, obeys Haber's rule of inhalation toxicology.

Transcriptional up-regulation of matrix metalloproteinase-9 expression during spontaneous epithelial to neuroblast phenotype conversion by SK-N-SH neuroblastoma cells, involved in enhanced invasivity, depends upon GT-box and nuclear factor kappaB elements.

Involvement of tyrosine protein kinase in IFN-gamma-induced human endothelial cell apoptosis.

Toxicity of 3,3',4,4'-tetrachloroazoxybenzene in rats and mice.

Cytoplasmic elongation and rupture in megakaryoblastic leukemia cells via activation of adhesion and motility by staurosporine on fibronectin-bound substratum.

Suppressive effects of alpha-Hederin on 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated murine Cyp1a-1 expression in the mouse hepatoma Hepa-1c1c7 cells.

Estrogen and aryl hydrocarbon responsiveness of ECC-1 endometrial cancer cells.

Toxicity of 3,3',4,4'-tetrachloroazobenzene in rats and mice.

Low levels of p53 are associated with resistance to tetrachlorodibenzo-p-dioxin toxicity in DBA/2 mice.

Influence of phosphotyrosine kinase inhibitors on adhesive properties of highly and poorly metastatic HT-29 colon carcinoma cells to collagen.

Cancer incidence in a cohort of licensed pesticide applicators in Florida.

Occupational chlorophenol exposure and non-Hodgkin's lymphoma.

Heat-shock protein-73 protects against small intestinal warm ischemia-reperfusion injury in the rat.

Serum dioxin and cancer in veterans of Operation Ranch Hand.

Structural and mechanistic aspects of transcriptional induction of cytochrome P450 1A1 by benzimidazole derivatives in rat hepatoma H4IIE cells.

Induction of altered hepatic foci by a mixture of dioxin-like compounds with and without 2,2',4,4',5,5'-hexachlorobiphenyl in female Sprague-Dawley rats.

Flavone antagonists bind competitively with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) to the aryl hydrocarbon receptor but inhibit nuclear uptake and transformation.

Cross-talk between 2,3,7,8-tetrachlorodibenzo-p-dioxin and testosterone signal transduction pathways in LNCaP prostate cancer cells.

Effects of exposure protocols on induction of kinetochore-plus and -minus micronuclei by arsenite in diploid human fibroblasts.

Cytochrome P450 CYP1B1 determines susceptibility to 7,12-dimethylbenz[a]anthracene-induced lymphomas.

Development of a stably transfected estrogen receptor-mediated luciferase reporter gene assay in the human T47D breast cancer cell line.

[Oxidative injury and its defense system in vivo].

Novel phenotype associated with in vivo activated CTL precursors.

Tumor necrosis factor-alpha stimulates attachment of small cell lung carcinoma to endothelial cells.

Establishment of a double Philadelphia chromosome-positive acute lymphoblastic leukemia-derived cell line, TMD5: effects of cytokines and differentiation inducers on growth of the cells.

v-src induces cisplatin resistance by increasing the repair of cisplatin-DNA interstrand cross-links in human gallbladder adenocarcinoma cells.

Decrease in protein tyrosine phosphorylation is associated with F-actin reorganization by retinoic acid in human endometrial adenocarcinoma (RL95-2) cells.

Sodium arsenite enhances copper accumulation in human lung adenocarcinoma cells.

Effective treatment of murine leukemia with antisense poly-2'O-(2,4-dinitrophenyl)-oligoribonucleotides.

Effects of dioxins on human health: a review.

GR-891: a novel 5-fluorouracil acyclonucleoside prodrug for differentiation therapy in rhabdomyosarcoma cells.

Dioxin is a systemic promoter blocker, II.

Oral ferrous sulfate supplements increase the free radical-generating capacity of feces from healthy volunteers.

Isoform-specific induction of a human aldo-keto reductase by polycyclic aromatic hydrocarbons (PAHs), electrophiles, and oxidative stress: implications for the alternative pathway of PAH activation catalyzed by human dihydrodiol dehydrogenase.

Aryl hydrocarbon receptor regulation of ceramide-induced apoptosis in murine hepatoma 1c1c7 cells. A function independent of aryl hydrocarbon receptor nuclear translocator.

Imprinting: perinatal exposures cause the development of diseases during the adult age.

Tryptanthrins and other tryptophan-derived agonists of the dioxin receptor.

Differential response to benzo[A]pyrene in human lung adenocarcinoma cell lines: the absence of aryl hydrocarbon receptor activation.

Human cytochrome P4501A2.

Correlation between the activation of Neu tyrosine kinase and promotion of foci formation induced by selected organochlorine compounds in the MCF-7 model system.

Polychlorophenols and their sodium salts.

Methyl bromide.

Methyl iodide.

Lack of competition of substrates for P-glycoprotein in MCF-7 breast cancer cells overexpressing MDR1.

Some risk factors for non-Hodgkin's lymphoma.

Lung hypoplasia caused by nitrofen is mediated by down-regulation of thyroid transcription factor TTF-1.

Effect of arachidonic acid alone or with prooxidant on aldehyde dehydrogenases in hepatoma cells.

Mortality in a cohort of licensed pesticide applicators in Florida.

Influence of metabolic inhibitors on the intracellular accumulation and retention of adriamycin.

[A new method for the intravital assessment of the functional activity of the membrane transporters performing the efflux of antitumor preparations from the cells of solid tumor specimens].

Dual actions of the metabolic inhibitor, sodium azide on K(ATP) channel currents in the rat CRI-G1 insulinoma cell line.

Genotoxicity of iron compounds in Salmonella typhimurium and L5178Y mouse lymphoma cells.

Poly(ADP ribose) polymerase cleavage precedes neuronal death in the hippocampus and cerebellum following injury to the developing rat forebrain.

A malignant transformation of human cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin exhibits altered expressions of growth regulatory factors.

Diluted mainstream cigarette smoke condensates activate estrogen receptor and aryl hydrocarbon receptor-mediated gene transcription.

Hodgkin's disease, work, and the environment. A review.

On the role of c-Jun in the induction of PAI-1 gene expression by phorbol ester, serum, and IL-1alpha in HepG2 cells.

Ubiquitinated aldolase B accumulates during starvation-induced lysosomal proteolysis.

Biological monitoring of occupational exposure to inorganic arsenic.

Bone marrow stromal cell cytochrome P4501B1 is required for pre-B cell apoptosis induced by 7,12-dimethylbenz[a]anthracene.

Analysis of aryl hydrocarbon receptor-mediated signaling during physiological hypoxia reveals lack of competition for the aryl hydrocarbon nuclear translocator transcription factor.

Primary structure and unusual carbohydrate moiety of functional unit 2-c of keyhole limpet hemocyanin (KLH).

pH-dependent uptake of irinotecan and its active metabolite, SN-38, by intestinal cells.

NTP Toxicology and Carcinogenesis Studies of Triethanolamine (CAS No. 102-71-6) in F344 Rats and B6C3F1 Mice (Dermal Studies).

CCD imaging for optical tomography of gel radiation dosimeters.

Myeloperoxidase-catalyzed redox-cycling of phenol promotes lipid peroxidation and thiol oxidation in HL-60 cells.

Molecular cloning and characterization of a birch pollen minor allergen, Bet v 5, belonging to a family of isoflavone reductase-related proteins.

Effects of environmental estrogens on tumor necrosis factor alpha-mediated apoptosis in MCF-7 cells.

Resveratrol has antagonist activity on the aryl hydrocarbon receptor: implications for prevention of dioxin toxicity.

Photodynamic properties of meta-tetra(hydroxyphenyl)chlorin in human tumor cells.

Development of selective aryl hydrocarbon receptor modulators for treatment of breast cancer.

Adsorption of direct-acting and indirect-acting mutagens by various dietary fibers.

Induction of negative regulators of haematopoiesis in human bone marrow cells by HLA-DR cross-linking.

Anaphylaxis inhibitory factor in IgE-dependent mast cell stimulation.

Participation of different cell types in the restitutive response of the rat liver to periportal injury induced by allyl alcohol.

High-performance liquid chromatographic-fluorescent method to determine chloroacetaldehyde, a neurotoxic metabolite of the anticancer drug ifosfamide, in plasma and in liver microsomal incubations.

NIOSH study of chemical workers bolsters data on dioxin as cancer agent.

Evidence for the involvement of the fatty acid and peroxisomal beta-oxidation pathways in the inhibition by dehydroepiandrosterone (DHEA) and induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and benz(a)anthracene (BA) of cytochrome P4501B1 (CYP1B1) in mouse embryo fibroblasts (C3H10T1/2 cells).

The chemistry of the metabolites of cyclophosphamide.

Effects of TNF-alpha and IL-1beta on iron metabolism by A549 cells and influence on cytotoxicity.

A survey of EPA/OPP and open literature on selected pesticide chemicals. II. Mutagenicity and carcinogenicity of selected chloroacetanilides and related compounds.

Identification of a novel cytosolic tocopherol-binding protein: structure, specificity, and tissue distribution.

Wild-type and Ras-transformed fibroblasts display differential mitogenic responses to transient sodium arsenite exposure.

Inductive and inhibitory effects of non-ortho-substituted polychlorinated biphenyls on estrogen metabolism and human cytochromes P450 1A1 and 1B1.

Role of O6-alkylguanine-DNA alkyltransferase in protecting against cyclophosphamide-induced toxicity and mutagenicity.

Injection of encapsulated cells producing an ifosfamide-activating cytochrome P450 for targeted chemotherapy to pancreatic tumors.

Induction of arylhydrocarbon receptor expression in embryoblast cells of rabbit preimplantation blastocysts upon degeneration of Rauber's polar trophoblast.

Correcting for toxic inhibition in quantification of genotoxic response in the umuC test.

Cytosol-to-lysosome transport of free polymannose-type oligosaccharides. Kinetic and specificity studies using rat liver lysosomes.

Repression of dioxin signal transduction in fibroblasts. Identification Of a putative repressor associated with Arnt.

p120(ctn) acts as an inhibitory regulator of cadherin function in colon carcinoma cells.

Photo-oxidative killing of human colonic cancer cells using indocyanine green and infrared light.

Factors influencing elevation of intracellular Ca²⁺ in the MCF-10A human mammary epithelial cell line by carcinogenic polycyclic aromatic hydrocarbons.

Dietary intrinsic phytate protects colon from lipid peroxidation in pigs with a moderately high dietary iron intake.

Pasteurella haemolytica leukotoxin and endotoxin induced cytokine gene expression in bovine alveolar macrophages requires NF-kappaB activation and calcium elevation.

Uncouplers of oxidative phosphorylation can enhance a Fas death signal.

Water-soluble 2,3,7,8-tetrachlorodibenzo-p-dioxin complex with human alpha-fetoprotein: properties, toxicity in vivo and antitumor activity in vitro.

Aromatic hydrocarbon nuclear translocator as a common component for the hypoxia- and dioxin-induced gene expression.

Cross-talk between the aryl hydrocarbon receptor and hypoxia inducible factor signaling pathways. Demonstration of competition and compensation.

NTP Toxicology and Carcinogenesis Studies of Pentachlorophenol (CAS NO. 87-86-5) in F344/N Rats (Feed Studies).

ECC-1 human endometrial cells as a model system to study dioxin disruption of steroid hormone function.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-mediated membrane translocation of c-Src protein kinase in liver WB-F344 cells.

Subcellular localization of meta-tetra (hydroxyphenyl) chlorin in human tumor cells subjected to photodynamic treatment.

Ethanol modulation of intestinal epithelial tight junction barrier.

Interferon-gamma alone triggers the production of nitric oxide from serum-starved BNL CL.2, murine embryonic liver cells.

Modulation of excision repair cross complementation group 1 (ERCC-1) mRNA expression by pharmacological agents in human ovarian carcinoma cells.

Synergism of energy starvation and dextran-conjugated doxorubicin in the killing of multidrug-resistant KB carcinoma cells.

Characterization of the dose-response of CYP1B1, CYP1A1, and CYP1A2 in the liver of female Sprague-Dawley rats following chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Induction of collagenase-3 (MMP-13) expression in human skin fibroblasts by three-dimensional collagen is mediated by p38 mitogen-activated protein kinase.

Quantitative differences in the active-site hydrophobicity of five human glutathione S-transferase isoenzymes: water-soluble carcinogen-selective properties of the neoplastic GSTP1-1 species.

Potential alterations in gene expression associated with carcinogen exposure in *Mya arenaria*.

[Genetic algorithms in 3D-QSAR: Predicting the toxicity of dibenzodioxins, dibenzofurans and biphenyls].

Uncertainty in risk characterization of weak carcinogens.

Uncertainty in estimating exposure using a toxicokinetic model. The example of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Possible involvement of a chloride-bicarbonate exchanger in apoptosis of endothelial cells and cardiomyocytes.

The lack of AHD4 induction by TCDD in corneal cells may involve tissue-specific regulatory proteins.

Experimental studies on the stem cell concept of liver regeneration. II.

Ah receptor and NF-kappaB interactions, a potential mechanism for dioxin toxicity.

Promotion of NCI-Black-Reiter male rat bladder carcinogenesis by dimethylarsinic acid an organic arsenic compound.

Primary hepatic angiosarcoma: report of a case involving environmental arsenic exposure.

Molecular approaches to evaluate pollutants.

DNA damaging effects of pesticides measured by the single cell gel electrophoresis assay (comet assay) and the chromosomal aberration test, in CHOK1 cells.

Chronic dietary toxicity study on 2,4-dichlorophenoxybutyric acid in the dog.

Chronic dietary toxicity/oncogenicity studies on 2,4-dichlorophenoxybutyric acid in rodents.

Incidence rates of lymphomas and environmental measurements of phenoxy herbicides: ecological analysis and case-control study.

Postservice mortality of US Air Force veterans occupationally exposed to herbicides in Vietnam: 15-year follow-up.

The nature of antioxidant defense mechanisms: a lesson from transgenic studies.

Occupational chlorophenol exposure and soft tissue sarcoma risk among men aged 30-60 years.

Urinary excretion and pharmacokinetics of acrolein and its parent drug cyclophosphamide in bone marrow transplant patients.

Lack of mammalian mutagenicity of the potent bacterial mutagen tris(2,3-dibromopropyl) phosphate and its metabolite 2-bromoacrolein.

Involvement of oxidative stress in paraquat-induced metallothionein synthesis under glutathione depletion.

Re: "Cancer mortality in workers exposed to phenoxy herbicides, chlorophenols, and dioxins. An expanded and updated international cohort study".

[Solid waste and its effect on health (review)].

[Hygienic significance of environmental accumulation of dioxin (review)].

Second follow-up of a Dutch cohort occupationally exposed to phenoxy herbicides, chlorophenols, and contaminants.

Synthesis and in vitro cytotoxicity of cinnamaldehydes to human solid tumor cells.

Rubrobramide, a cytotoxic and phytotoxic metabolite from *Cladobotyrum rubrobrunnescens*.

[Morphologic findings in liver tissue in mice after long-term administration of the herbicide fomesafan].

Blood lipid concentrations of dioxins and furans in a sample of BASF employees included in the IARC registry of workers exposed to phenoxy acid herbicides and/or chlorophenols.

Cancer incidence in Danish phenoxy herbicide workers, 1947-1993.

Exposure to Agent Orange and occurrence of soft-tissue sarcomas or non-Hodgkin lymphomas: an ongoing study in Vietnam.

Inorganic and methylated arsenic compounds induce cell death in murine macrophages via different mechanisms.

The clastogenic potential of triazine herbicide combinations found in potable water supplies.

Dimethylarsinic acid, a main metabolite of inorganic arsenics, has tumorigenicity and progression effects in the pulmonary tumors of A/J mice.

[An Italian multicenter case-control study on malignant neoplasms of the hematolymphopoietic system. Hypothesis and preliminary results on work-related risks. WILL (Working Group on Hematolymphopoietic Malignancies in Italy)].

Aneuploidy induced by dimethylarsinic acid in mouse bone marrow cells.

Augmentation of allergic reactions by several pesticides.

Agent Orange in war medicine: an aftermath myth.

Kaposi's sarcoma in dog with acquired immunodeficiency after phosphate poisoning.

Cytoplasmic liver cell inclusions--a typical feature of porphyria cutanea tarda--are absent in porphyria-related hepatic neoplasias.

Thermally oxidized dietary fat and colon carcinogenesis in rodents.

Extraperoxisomal targets of peroxisome proliferators: mitochondrial, microsomal, and cytosolic effects. Implications for health and disease.

Alpha,beta-unsaturated aldehydes increase glutathione S-transferase mRNA and protein: correlation with activation of the antioxidant response element.

Prognostic factors for mortality in nasopharyngeal cancer: accounting for time-dependence of relative risks.

Cytokine-mediated induction of ceramide production is redox-sensitive. Implications to proinflammatory cytokine-mediated apoptosis in demyelinating diseases.

Role of tumor necrosis factor-alpha in regulating fibrotic lung repair.

Excretion kinetics of ifosfamide side-chain metabolites in children on continuous and short-term infusion.

Cytotoxic metabolites produced by a fungal strain from a Sargassum alga.

Quantitative cancer risk assessment for dioxins using an occupational cohort.

Exposure to dioxin and nonneoplastic mortality in the expanded IARC international cohort study of phenoxy herbicide and chlorophenol production workers and sprayers.

S-oxygenation of thiourea results in the formation of genotoxic products.

[Peroxisomes and peroxisome proliferators. Specific environmental poisons and therapeutic agents affecting lipid metabolism and hormone release].

Inhibitory effect of pentachlorophenol on gap junctional intercellular communication in rat liver epithelial cells in vitro.

Dependence of aldehyde dehydrogenase-mediated oxazaphosphorine resistance on soluble thiols: importance of thiol interactions with the secondary metabolite acrolein.

Effect of 3-aminotriazole on anchorage independence and mutagenicity in cadmium- and lead-treated diploid human fibroblasts.

Effect of arsenosugar ingestion on urinary arsenic speciation.

Activation of hepatic NF-kappaB by the herbicide Dicamba (2-methoxy-3,6-dichlorobenzoic acid) in female and male rats.

Ah receptor agonists as endocrine disruptors: antiestrogenic activity and mechanisms.

Resveratrol inhibits transcription of CYP1A1 in vitro by preventing activation of the aryl hydrocarbon receptor.

Peptide modification or blocking of CD8, resulting in weak TCR signaling, can activate CTL for Fas- but not perforin-dependent cytotoxicity or cytokine production.

Experimental study of oxidative DNA damage.

Expression of mucin-associated sulfo-Lea carbohydrate epitopes on human colon carcinoma cells.

Mechanistic modeling of rodent liver tumor promotion at low levels of exposure: an example related to dose-response relationships for 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Association between diesel exposure at work and prostate cancer.

Role of heparan sulphate proteoglycans in the regulation of human lactoferrin binding and activity in the MDA-MB-231 breast cancer cell line.

Determination of the enzymes responsible for activation of the heterocyclic amine 2-amino-3-methylimidazo[4,5-f]quinoline in the human breast.

Environmental complex mixture toxicity assessment.

Suppressive effects of estradiol on 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated transcriptional activation of murine Cyp1a-1 in mouse hepatoma Hepa 1c1c7 cells.

Hepatocyte extracellular matrix modulates expression of growth factors and growth factor receptors in human colon cancer cells.

Mechanism of action of the nongenotoxic peroxisome proliferators: role of the peroxisome proliferator-activator receptor alpha.

Phosphine-induced oxidative stress in Hepa 1c1c7 cells.

Correlation analysis of pesticide use data and cancer incidence rates in California counties.

PKC and tyrosine kinase involvement in amyloid beta (25-35)-induced chemotaxis of microglia.

Induction of cytochrome P-450 1A1 by omeprazole in human HepG2 cells is protein tyrosine kinase-dependent and is not inhibited by alpha-naphthoflavone.

Zoxazolamine-induced paralysis in two rat substrains: differences in hepatic drug metabolism.

Carbaryl, a carbamate insecticide, is a ligand for the hepatic Ah (dioxin) receptor.

Solid waste and pancreatic cancer: an ecologic study in Florida, USA.

Molecular and functional aspects of the hairless (hr) gene in laboratory rodents and humans.

Validation and application of a rapid in vitro assay for assessing the estrogenic potency of halogenated phenolic chemicals.

Occupational risk factors for cancer of the gastric cardia. Analysis of death certificates from 24 US states.

Quantitation of CD38 expression using QuantiBRITE beads.

Lipopolysaccharide-induced desensitization of junB gene expression in a mouse macrophage-like cell line, P388D1.

Claims based on exposure to ionizing radiation (prostate cancer and any other cancer)--VA. Final rule.

Dose-response relationships in chemical carcinogenesis: superposition of different mechanisms of action, resulting in linear-nonlinear curves, practical thresholds, J-shapes.

Regulated Co-translational ubiquitination of apolipoprotein B100. A new paradigm for proteasomal degradation of a secretory protein.

ZAP-70 tyrosine kinase is required for LFA-1-dependent T cell migration.

Case-control study of occupational exposures and male breast cancer.

Isolation of a variant which has reduced Src activity from SH-SY5Y neuroblastoma cells.

[Dioxins: current knowledge about health effects].

Regulation of cytochrome P450 enzymes by aryl hydrocarbon receptor in human cells: CYP1A2 expression in the LS180 colon carcinoma cell line after treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin or 3-methylcholanthrene.

Interactive effects of three structurally different polychlorinated biphenyls in a rat liver tumor promotion bioassay.

Prenatal TCDD and predisposition to mammary cancer in the rat.

Stimulation of the stress-induced expression of stress proteins by curcumin in cultured cells and in rat tissues in vivo.

Establishment of a simple cleanup procedure and bioassay for determining 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalents of environmental samples.

12-O-tetradecanoylphorbol-13-acetate upregulates the Ah receptor and differentially alters CYP1B1 and CYP1A1 expression in MCF-7 breast cancer cells.

Binding of the epoxide cryptophycin analog, LY355703 to albumin and its effect on in vitro antiproliferative activity.

Activation of the Ah receptor by tryptophan and tryptophan metabolites.

Aryl hydrocarbon receptor-mediated antiestrogenicity in MCF-7 cells: modulation of hormone-induced cell cycle enzymes.

Calcium-dependent nitric oxide production is involved in arsenite-induced micronuclei.

Agricultural use of DDT and risk of non-Hodgkin's lymphoma: pooled analysis of three case-control studies in the United States.

Meta-analyses of non-Hodgkin's lymphoma and farming.

Alterations in the growth factor signal transduction pathways and modulators of the cell cycle in endocervical cells from macaques exposed to TCDD.

Mode of carcinogenic action of pesticides inducing thyroid follicular cell tumors in rodents.

The Ah receptor is not involved in 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated apoptosis in human leukemic T cell lines.

P-selectin mediates adhesion of the human melanoma cell line NKI-4: identification of glycoprotein ligands.

Effect of curcumin on the aryl hydrocarbon receptor and cytochrome P450 1A1 in MCF-7 human breast carcinoma cells.

Benzo[a]pyrene enhances the formation of 8-hydroxy-2'-deoxyguanosine by ultraviolet A radiation in calf thymus DNA and human epidermoid carcinoma cells.

Cyclosporin A increases resting mitochondrial membrane potential in SY5Y cells and reverses the depressed mitochondrial membrane potential of Alzheimer's disease cybrids.

Activation of MMP-2 by human GCT23 giant cell tumour cells induced by osteopontin, bone sialoprotein and GRGDSP peptides is RGD and cell shape change dependent.

Manganese uptake and release by cultured human hepato-carcinoma (Hep-G2) cells.

Role of tyrosine phosphorylation in leptin activation of ATP-sensitive K⁺ channels in the rat insulinoma cell line CRI-G1.

Role for beta2-microglobulin in echovirus infection of rhabdomyosarcoma cells.

Atherosclerotic risks from chemicals: part II. A RASH analysis of in vitro and in vivo bioassay data to evaluate 45 potentially hazardous compounds.

Suppression of multidrug resistance via inhibition of heat shock factor by quercetin in MDR cells.

A novel response to dioxin. Induction of ecto-ATPase gene expression.

Functional and physical interactions between the estrogen receptor Sp1 and nuclear aryl hydrocarbon receptor complexes.

Effect of vitamin C on androgen independent prostate cancer cells (PC3 and Mat-Ly-Lu) in vitro: involvement of reactive oxygen species-effect on cell number, viability and DNA synthesis.

Alterations of signal transduction pathways involved in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced malignant transformation of human cells in culture.

Effect of dichloroacetic acid and trichloroacetic acid on DNA methylation in liver and tumors of female B6C3F1 mice.

Occupational exposures, animal exposure and smoking as risk factors for hairy cell leukaemia evaluated in a case-control study.

Suppression of decorin expression and partial induction of anchorage-independent growth by the v-src oncogene in human fibroblasts.

A novel dosage approach for evaluation of SMANCS [poly-(styrene-co-maleyl-half-n-butylate) - neocarzinostatin] in the treatment of primary hepatocellular carcinoma.

Tyrosine kinase inhibitors suppress N-type and T-type Ca²⁺ channel currents in NG108-15 cells.

Stressor-specific enhancement of hsp induction by low doses of stressors in conditions of self- and cross-sensitization.

Interferon-alpha and -gamma inhibit the growth and neoplastic potential of v-src-transformed human epithelial cells by reducing Src tyrosine kinase activity.

[Immunotoxicology in occupational and environmental medicine: prospectives, limitations, and research objectives].

Intracellular Signal-transducing elements involved in transendothelial migration of lymphoma cells.

Transgene expression kinetics after transfection with cationic phosphonolipids in hematopoietic non adherent cells.

Induction of cytokine-induced neutrophil chemoattractant in response to various stresses in rat C6 glioma cells.

Mechanism of sodium arsenite-mediated induction of heme oxygenase-1 in hepatoma cells. Role of mitogen-activated protein kinases.

Interference between progesterone and dioxin signal transduction pathways. Different mechanisms are involved in repression by the progesterone receptor A and B isoforms.

Effect of *Rehmannia glutinosa* on immediate type allergic reaction.

Dual action of CD30 antigen: anti-CD30 antibody induced apoptosis and interleukin-8 secretion in Ki-1 lymphoma cells.

Flow cytometric measurement of mitochondrial mass and function: a novel method for assessing chemoresistance.

Animal models of human response to dioxins.

An IARC evaluation of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans as risk factors in human carcinogenesis.

Some aspects of the etiology of non-Hodgkin's lymphoma.

Estimation of the cumulated exposure to polychlorinated dibenzo-p-dioxins/furans and standardized mortality ratio analysis of cancer mortality by dose in an occupationally exposed cohort.

The Seveso studies on early and long-term effects of dioxin exposure: a review.

Activation of tissue-factor gene expression in breast carcinoma cells by stimulation of the RAF-ERK signaling pathway.

Endogenous antioxidant enzymes and glutathione S-transferase in protection of mesothelioma cells against hydrogen peroxide and epirubicin toxicity.

Protein kinase C activity is required for aryl hydrocarbon receptor pathway-mediated signal transduction.

Aryl hydrocarbon receptor-dependent suppression by 2,3,7, 8-tetrachlorodibenzo-p-dioxin of IgM secretion in activated B cells.

Induction of 16 α -/2-hydroxyestrone metabolite ratios in MCF-7 cells by pesticides, carcinogens, and antiestrogens does not predict mammary carcinogens.

Herbimycin A accelerates the induction of apoptosis following etoposide treatment or gamma-irradiation of bcr/abl-positive leukaemia cells.

Detection of P450c17-independent pathways for dehydroepiandrosterone (DHEA) biosynthesis in brain glial tumor cells.

Power and sample size for stratified prospective studies using the score method for testing relative risk.

Role of altered arachidonic acid metabolism in 2,3,7, 8-tetrachlorodibenzo-p-dioxin-induced immune suppression in C57Bl/6 mice.

Levels and membrane localization of the c-K-ras p21 protein in lungs of mice of different genetic strains and effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and Aroclor 1254.

Cellular stimulation via CD95 involves activation of phospho-inositide-3-kinase.

Tyrosine kinase-dependent modulation of 3-hydroxy-3-methylglutaryl-CoA reductase in human breast adenocarcinoma SKBR-3 cells.

Overexpression and activation of the tyrosine kinase Src in human pancreatic carcinoma.

Dioxin exposure and non-malignant health effects: a mortality study.

The dose-response model for dioxin.

Cancer chemopreventive and therapeutic activities of red ginseng.

Differential expression of CYP1A1 and CYP1B1 in human breast epithelial cells and breast tumor cells.

Differential induction of Cyp1a1, Cyp1b1, Ahd4, and Nmo1 in murine skin tumors and adjacent normal epidermis by ligands of the aryl hydrocarbon receptor.

Aryl hydrocarbon receptor-inducible or constitutive expression of human UDP glucuronosyltransferase UGT1A6.

Heregulin beta1 induces the down regulation and the ubiquitin-proteasome degradation pathway of p185HER2 oncoprotein.

Protein kinase C-dependent tyrosine phosphorylation of p130cas in differentiating neuroblastoma cells.

Role of protein tyrosine phosphorylation in etoposide-induced apoptosis and NF-kappa B activation.

Cross-resistance to methotrexate and metals in human cisplatin-resistant cell lines results from a pleiotropic defect in accumulation of these compounds associated with reduced plasma membrane binding proteins.

Induction of hydrogen peroxide production and Bax expression by caspase-3(-like) proteases in tyrosine kinase inhibitor-induced apoptosis in human small cell lung carcinoma cells.

Activation of beta1 integrin signaling stimulates tyrosine phosphorylation of p190RhoGAP and membrane-protrusive activities at invadopodia.

[Risk assessment of dioxins and the effect as the endocrine disrupters].

Protein profiles and identification of high performance liquid chromatography isolated proteins of cancer cell lines using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry.

Induction of cellular processes containing collagenase and retinoid by integrin-binding to interstitial collagen in hepatic stellate cell culture.

Preparation of a conjugate of mitomycin C and anti-neural cell adhesion molecule monoclonal antibody for specific chemotherapy against biliary tract carcinoma.

2,3,7,8-Tetrachlorodibenzo-p-dioxin co-stimulates staphylococcal enterotoxin beta (SEB) cytokine production and phenotypic cell cycling in Long-Evans rats.

Chromosome aberrations in vitro related to cytotoxicity of nonmutagenic chemicals and metabolic poisons.

Environmental and occupational aspects on the etiology of non-Hodgkin's lymphoma.

Chemical warfare agents: estimating oral reference doses.

Role of glutathione in cisplatin resistance in osteosarcoma cell lines.

Porphyria and porphyrinology--the past fifteen years.

Endothelial cell intracellular Ca²⁺ concentration is increased upon breast tumor cell contact and mediates tumor cell transendothelial migration.

Effects of some persistent halogenated environmental contaminants on aromatase (CYP19) activity in the human choriocarcinoma cell line JEG-3.

Modulation of ovarian follicle maturation and effects on apoptotic cell death in Holtzman rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in utero and lactationally.

Possible role of nitric oxide in IgE-mediated allergic cutaneous reaction in mice.

Xenoendocrine disrupters: laboratory studies on male reproductive effects.

2,3,7,8-Tetrachlorodibenzo-p-dioxin suppresses apoptosis and leads to hyperphosphorylation of p53 in rat hepatocytes.

Presence of intestinal, liver and heart/adipocyte fatty-acid-binding protein types in the liver of a chimaera fish.

Reactive oxygen species activate focal adhesion kinase, paxillin and p130cas tyrosine phosphorylation in endothelial cells.

Current approaches toward chemical mixture studies at the National Institute of Environmental Health Sciences and the U.S. National Toxicology Program.

Bone marrow stromal cells constitutively express high levels of cytochrome P4501B1 that metabolize 7,12-dimethylbenz[a]anthracene.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazoxybenzene (CAS No. 21232-47-3) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazobenzene (CAS No. 14047-09-7) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

Cytochrome P450 1B1: a major P450 isoenzyme in human blood monocytes and macrophage subsets.

Down-regulation of cytochrome P450 1A1 gene promoter by oxidative stress. Critical contribution of nuclear factor 1.

Effect of glutathione depletion and metallothionein gene expression on arsenic-induced cytotoxicity and c-myc expression in vitro.

Effect of herbimycin A on tyrosine kinase receptors and platelet derived growth factor (PDGF)-induced signal transduction.

Lipopolysaccharide-induced NF-kappaB activation in human endothelial cells involves degradation of I-kappaBalpha but not I-kappaBbeta.

CD40-mediated signal transduction in human airway smooth muscle.

Up-regulation of tissue inhibitor of metalloproteinases-3 gene expression by TGF-beta in articular chondrocytes is mediated by serine/threonine and tyrosine kinases.

Modulatory effects of melatonin on genotoxic response of reference mutagens in the Ames test and the comet assay.

Type I collagen influence on gene expression in UMR106-06 osteoblast-like cells is inhibited by genistein.

Regulation of adenylyl cyclase activity in human peripheral blood mononuclear cells: effects of protein kinase inhibitors and of a calcium ionophore.

Zonal location of compensatory hepatocyte proliferation following chemically induced hepatotoxicity in rats and humans.

Induction of UDP-glycosyltransferase family 1 genes in rat liver: different patterns of mRNA expression with two inducers, 3-methylcholanthrene and beta-naphthoflavone.

Cyclophosphamide cystitis as a model of visceral pain in rats: a c-fos and Krox-24 study at telencephalic levels, with a note on pituitary adenylate cyclase activating polypeptide (PACAP).

Nonresponsiveness to 2,3,7,8-tetrachlorodibenzo-p-dioxin of transforming growth factor beta1 and CYP 1A1 gene expression in rat liver fat-storing cells.

Regulation of apoptosis in mouse hepatocytes and alteration of apoptosis by nongenotoxic carcinogens.

A direct interaction between the aryl hydrocarbon receptor and retinoblastoma protein. Linking dioxin signaling to the cell cycle.

Apoptosis, reproductive failure, and oxidative stress in Chinese hamster ovary cells with compromised genomic integrity.

Cytochrome P450 catalyzed oxidation of monochlorobenzene, 1,2- and 1,4-dichlorobenzene in rat, mouse, and human liver microsomes.

Modulation of Hepatocyte Gene Expression by the Carcinogen Benzo[a]pyrene.

AH receptor, ARNT, glucocorticoid receptor, EGF receptor, EGF, TGF alpha, TGF beta 1, TGF beta 2, and TGF beta 3 expression in human embryonic palate, and effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Expression of CYP1B1 but not CYP1A1 by primary cultured human mammary stromal fibroblasts constitutively and in response to dioxin exposure: role of the Ah receptor.

Differences in kinetics of induction and reversibility of TCDD-induced changes in cell proliferation and CYP1A1 expression in female Sprague-Dawley rat liver.

Detection of CYP1A1 protein in human liver and induction by TCDD in precision-cut liver slices incubated in dynamic organ culture.

Hepatic stellate cells (vitamin A-storing cells) change their cytoskeleton structure by extracellular matrix components through a signal transduction system.

p38 mitogen-activated protein kinase inhibition attenuates intercellular adhesion molecule-1 up-regulation on human pulmonary microvascular endothelial cells.

Species- and sex-related differences in metabolism of trichloroethylene to yield chloral and trichloroethanol in mouse, rat, and human liver microsomes.

Hepatocyte growth factor-induced expression of ornithine decarboxylase, c-met, and c-myc is differently affected by protein kinase inhibitors in human hepatoma cells HepG2.

Pp125FAK is required for stretch dependent morphological response of endothelial cells.

Aryl hydrocarbon receptor activation in genital tubercle, palate, and other embryonic tissues in 2,3,7, 8-tetrachlorodibenzo-p-dioxin-responsive lacZ mice.

The cellular stress response increases measles virus-induced cytopathic effect.

Thietanium ion formation from the food mutagen 2-chloro-4-(methylthio)butanoic acid.

Handling of doxorubicin by the LLC-PK1 kidney epithelial cell line.

Suppression of immunoglobulin E-mediated anaphylactic reaction by Hwanglyun-Haedok-Tang water extract.

Mycobacterium tuberculosis mannose-capped lipoarabinomannan can induce NF-kappaB-dependent activation of human immunodeficiency virus type 1 long terminal repeat in T cells.

Metabolism of 17-(allylamino)-17-demethoxygeldanamycin (NSC 330507) by murine and human hepatic preparations.

Characterization of CYP1B1 and CYP1A1 expression in human mammary epithelial cells: role of the aryl hydrocarbon receptor in polycyclic aromatic hydrocarbon metabolism.

Inflammatory cytokines (IL-1alpha, TNF-alpha) and LPS modulate the Ca²⁺ signaling pathway in osteoblasts.

Suppression of C/EBPalpha and induction of C/EBPbeta by 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse adipose tissue and liver.

Uptake of doxorubicin by cultured kidney epithelial cells LLC-PK1.

p53 mutations in cyclophosphamide-associated bladder cancer.

Interleukin 1beta and interleukin 6, but not tumor necrosis factor alpha, inhibit insulin-stimulated glycogen synthesis in rat hepatocytes.

Tyrosine phosphatase-dependent/tyrosine kinase-independent induction of nuclear factor-kappa B by tumor necrosis factor-alpha: effects on prostaglandin endoperoxide synthase-2 mRNA accumulation.

Cortactin-Src kinase signaling pathway is involved in N-syndecan-dependent neurite outgrowth.

Buprenorphine hydrochloride induces apoptosis in NG108-15 nerve cells.

Impact of dioxin-type induction of drug-metabolizing enzymes on the metabolism of endo- and xenobiotics.

Involvement of reactive oxygen species, protein kinase C, and tyrosine kinase in prostaglandin E2 production in Balb/c 3T3 mouse fibroblast cells by quinolone phototoxicity.

Female Sprague-Dawley rats exposed to a single oral dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin exhibit sustained depletion of aryl hydrocarbon receptor protein in liver, spleen, thymus, and lung.

Involvement of calcium and arachidonate metabolism in acetylated-low-density-lipoprotein-stimulated tumor-necrosis-factor-alpha production by rat peritoneal macrophages.

Tumor necrosis factor-alpha regulates the gene expression of macrophage migration inhibitory factor through tyrosine kinase-dependent pathway in 3T3-L1 adipocytes.

Isolation of a novel metabolizing system enriched in phase-II enzymes for short-term genotoxicity bioassays.

Biological characterization of human fibroblast-derived mitogenic factors for human melanocytes.

Peroxidation of membrane lipids and oxidative DNA damage by fumonisin B1 in isolated rat liver nuclei.

Sulfotransferase-mediated genotoxicity of propane 2-nitronate in cultured ovine seminal vesicle cells.

Aryl hydrocarbon receptor-associated genes in rat liver: regional coinduction of aldehyde dehydrogenase 3 and glutathione transferase Ya.

1,N2-propanodeoxyguanosine adducts: potential new biomarkers of smoking-induced DNA damage in human oral tissue.

Risk assessment of low-level chemical exposures from consumer products under the U.S. Consumer Product Safety Commission chronic hazard guidelines.

Interleukin 1 beta and tumour necrosis factor alpha inhibit acid secretion in cultured rabbit parietal cells by multiple pathways.

Comparison of liver progenitor cells in human atypical ductular reactions with those seen in experimental models of liver injury.

Mixed effects of 2,6-dithiopurine against cyclophosphamide mediated bladder and lung toxicity in mice.

Comparative toxicology of borates.

Inhibition of 5,9-dimethyldibenzo[c,g]carbazole-DNA adduct formation in mouse liver by pretreatment with cytochrome P4501A inducers in vivo.

Use of c-Src and c-Fos knockout mice for the studies on the role of c-Src kinase signaling in the expression of toxicity of TCDD.

Modulation of 2,6-dinitrotoluene genotoxicity by alachlor treatment of Fischer 344 rats.

p53 protein expression in peripheral lymphocytes from atrazine chronically intoxicated rats.

Promotion of rat hepatocarcinogenesis by dimethylarsinic acid: association with elevated ornithine decarboxylase activity and formation of 8-hydroxydeoxyguanosine in the liver.

Chemically reactive intermediates and pulmonary xenobiotic toxicity.

Hemotoxicity of chlorpropham (CIPC) in F344 rats.

A review of epidemiologic studies of triazine herbicides and cancer.

Triazine herbicide exposure and breast cancer incidence: an ecologic study of Kentucky counties.

Metabolism-dependent activation and toxicity of chemicals in nasal glands.

Relationships between cell density, glutathione and proliferation of A549 human lung adenocarcinoma cells treated with acrolein.

Peroxisome proliferators increase the formation of BPDE-DNA adducts in isolated rat hepatocytes.

Glutathione peroxidase and catalase modulate the genotoxicity of arsenite.

Re: "Exposure to polychlorinated dioxins and furans (PCDD/F) and mortality in a cohort of workers from a herbicide-producing plant in Hamburg, Federal, Republic of Germany".

An approach for modeling noncancer dose responses with an emphasis on uncertainty.

A case-control study of lung cancer among Vietnam veterans.

The immunomodulatory effects of the herbicide propanil on murine macrophage interleukin-6 and tumor necrosis factor-alpha production.

Cancer mortality in workers exposed to phenoxy herbicides, chlorophenols, and dioxins. An expanded and updated international cohort study.

Update of cancer surveillance of veterans in Massachusetts, USA.

Possible carcinogenic potential of dimethylarsinic acid as assessed in rat in vivo models: a review.

Inhibitory effect of 3,4-dichloro-propionaniline on cytokine production by macrophages is associated with LPS-mediated signal transduction.

Pesticides and cancer.

Influence of benzo[a]phenothiazines on the element content of two tobacco tissue cultures differing in hormone requirement.

The inhibitory effect of selenium on induction of tetraploidy by dimethylarsinic acid in Chinese hamster cells.

Meta-analyses of prostate cancer and farming.

Upper respiratory tract surface areas and volumes of laboratory animals and humans: considerations for dosimetry models.

DNA-protein cross-links produced by various chemicals in cultured human lymphoma cells.

Human and experimental toxicology.

Commentary on the publication: Evaluation of the potential carcinogenicity and genetic toxicity to humans of the herbicide acetochlor.

Striking the balance between the role of animal model and human data in hazard assessment.

In vitro cytotoxic effects of 4,4'-bipyridyl on normal human keratinocytes.

Enhanced cytotoxicity of alkyl viologens and N,N'-diamino analogs toward cultured murine leukemia L1210 cells under vortex-stirring with a high molecular weight polyacrylic acid.

Analyses of exposure to polychlorinated dibenzo-p-dioxins, furans, and hexachlorocyclohexane and different health outcomes in a cohort of former herbicide-producing workers in Hamburg, Germany.

Inhibition of intracellular Ca²⁺ signalling, cytotoxicity and antitumor activity of the herbicide oryzalin and its analogues.

[Case-control study of hemo-lymphopoietic neoplasms and exposure to pesticides in western Liguria].

Dimethylarsinic acid treatment alters six different rat biochemical parameters: relevance to arsenic carcinogenesis.

Comparative ³²P-postlabeling analysis of exogenous and endogenous DNA adducts in mouse skin exposed to a wood-preserving waste extract, a complex mixture of polycyclic and polychlorinated chemicals.

¹H NMR investigation of toxic effects of lindane and paraquat on Hep 3B and Hep G2 human hepatoma cell lines.

Inhibition of the genotoxic effects of heterocyclic amines in human derived hepatoma cells by dietary bioantimutagens.

Induction of glutathione depletion, p53 protein accumulation and cellular transformation by tetrachlorohydroquinone, a toxic metabolite of pentachlorophenol.

Regulation of human apolipoprotein A-I gene expression by gramoxone.

Transgenerational effects of maternal exposure to chemicals on the functional development of the brain in the offspring.

Inhibition of sulfotransferase affecting in vivo genotoxicity and DNA adducts induced by safrole in rat liver.

Antioxidant defense system in differentially hydrogen peroxide sensitive L5178Y sublines.

Butylated hydroxyanisole and its metabolite tert-butylhydroquinone differentially regulate mitogen-activated protein kinases. The role of oxidative stress in the activation of mitogen-activated protein kinases by phenolic antioxidants.

Carcinogens in spacecraft air.

Identification of enzymes involved in the metabolism of atrazine, terbuthylazine, ametryne, and terbutryne in human liver microsomes.

[Study of magnetic microspheres for purging cancer cells from bone marrow. II. Preparation of polystyrene magnetic microspheres.].

High-performance liquid chromatographic determination of acrolein as a marker for cyclophosphamide bioactivation in human liver microsomes.

Hydrogen peroxide (H₂O₂) increases the steady-state mRNA levels of collagenase/MMP-1 in human dermal fibroblasts.

A suppressive role of p125FAK protein tyrosine kinase in hydrogen peroxide-induced apoptosis of T98G cells.

Inhibition of telomerase activity by PKC inhibitors in human nasopharyngeal cancer cells in culture.

Mustard oil and garlic extract as inhibitors of sodium arsenite-induced chromosomal breaks in vivo.

Sustained increase in intracellular free calcium and activation of cyclooxygenase-2 expression in mouse hepatoma cells treated with dioxin.

Signal transduction-mediated activation of the aryl hydrocarbon receptor in rat hepatoma H4IIE cells.

Failure of monochloroacetic acid and trichloroacetic acid administered in the drinking water to produce liver cancer in male F344/N rats.

Entacapone, a novel catechol-O-methyltransferase inhibitor for Parkinson's disease, does not impair mitochondrial energy production.

Transforming growth factor-beta1 coregulates mRNA expression of aryl hydrocarbon receptor and cell-cycle-regulating genes in human cancer cell lines.

GDNF-induced neurite formation was stimulated by protein kinase inhibitors and suppressed by Ras inhibitors.

Heat shock protein induction by certain chemical stressors is correlated with their cytotoxicity, lipophilicity and protein-denaturing capacity.

Carcinogens stimulate intrachromosomal homologous recombination at an endogenous locus in human diploid fibroblasts.

Induction and prevention of squamous transformation of bronchial epithelial cells by phenolic compounds.

Abrogation of IL-3 requirements and stimulation of hematopoietic cell proliferation in vitro and in vivo by carboxylic acids.

Studies on the relationship between estrogen receptor content, glutathione S-transferase pi expression, and induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin and drug resistance in human breast cancer cells.

Induction of p53 protein expression by sodium arsenite.

Down-regulation of major histocompatibility complex Q1b gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Sodium arsenite disturbs mitosis and induces chromosome loss in human fibroblasts.

A collagen peptide motif activates tyrosine kinase-dependent calcium signalling pathways in human osteoblast-like cells.

Estrogenic tamoxifen derivatives: categorization of intrinsic estrogenicity in MCF-7 cells.

Thiol modulation inhibits the interleukin (IL)-1-mediated activation of an IL-1 receptor-associated protein kinase and NF-kappa B.

Activation induces apoptosis in Herpesvirus saimiri-transformed T cells independent of CD95 (Fas, APO-1).

Mortality study of pesticide applicators and other employees of a lawn care service company.

Household pesticides and risk of pediatric brain tumors.

Pancreatic carcinomas deposit laminin-5, preferably adhere to laminin-5, and migrate on the newly deposited basement membrane.

Promotion of enzyme altered foci in female rat 2,3,3',4,4',5-hexachlorobiphenyl.

Dioxin exposure and cancer risk: a 15-year mortality study after the "Seveso accident".

Evidence for protein dolichylation.

Mutational evidence for control of cell adhesion through integrin diffusion/clustering, independent of ligand binding.

Role of nitroreductases but not cytochromes P450 in the metabolic activation of 1-nitropyrene in the HepG2 human hepatoblastoma cell line.

The role of NAD(P)H:quinone oxidoreductase in quinone-mediated p21 induction in human colon carcinoma cells.

Possible involvement of rapamycin-sensitive pathway in Bcl-2 expression in human neuroblastoma SH-SY5Y cells.

Dissociation of LPA-induced cytoskeletal contraction from stress fiber formation by differential localization of RhoA.

Aryl hydrocarbon receptor-dependent induction of cyp1a1 by bilirubin in mouse hepatoma hepa 1c1c7 cells.

Increased efficacy of in vitro Photofrin photosensitization of human oral squamous cell carcinoma by iron and ascorbate.

Hepatic foci in rats after diethylnitrosamine initiation and 2,3,7,8-tetrachlorodibenzo-p-dioxin promotion: evaluation of a quantitative two-cell model and of CYP 1A1/1A2 as a dosimeter.

The epidemiology of soft tissue sarcoma.

Aryl hydrocarbon (Ah) nonresponsiveness in estrogen receptor-negative MDA-MB-231 cells is associated with expression of a variant arnt protein.

Gallium nitrate optic neuropathy.

Association of arsenic-induced malignant transformation with DNA hypomethylation and aberrant gene expression.

Study of the enzymatic transformation of fluorescently labeled oligosaccharides in human epidermoid cells using capillary electrophoresis with laser-induced fluorescence detection.

2,3,7,8-Tetrachlorodibenzo-p-dioxin increases mRNA levels for interleukin-1beta, urokinase plasminogen activator, and tumor necrosis factor-alpha in human uterine endometrial adenocarcinoma RL95-2 cells.

[4-chloro-m-cresol-induced contractures of skeletal muscle specimen from patients at risk for malignant hyperthermia].

Inhibition of pp60c-src protein kinase by herbimycin A in polyomavirus middle tumor antigen-transformed cells.

[Acute myeloblastic leukemia showing pronounced skin infiltration during administration of low-dose cytarabine and etoposide with granulocyte colony-stimulating factor].

Chemopreventive and growth inhibitory effects of selenium.

4-Chloro-m-cresol test--a possible supplementary test for diagnosis of malignant hyperthermia susceptibility.

Induction of apoptosis in megakaryocytic leukemia cell lines by MX2, a morpholino anthracycline.

Effects of the protein tyrosine kinase inhibitor, herbimycin A, on prolactin gene expression in GH3 and 235-1 pituitary tumor cells.

Differential effects on TNF alpha production by pharmacological agents with varying molecular sites of action.

Mechanism of photosensitization of glioblastoma and neuroblastoma cells by merocyanine 540: a lipid peroxidation study.

Dioxin is a promoter blocker, a promoter, and a net anticarcinogen.

Effects of antitumor agents on 3H-2-deoxyglucose uptake in tumor cells and their relationship with the main targets of the antitumor agents.

Serum beta-carotene level, arsenic methylation capability, and incidence of skin cancer.

Activity and inducibility of drug-metabolizing enzymes in immortalized hepatocyte-like cells (mhPKT) derived from a L-PK/Tag1 transgenic mouse.

Effect of vitamin C on prostate cancer cells in vitro: effect on cell number, viability, and DNA synthesis.

Carrier effects of dosing the H4IIE cells with 3,3',4,4'-tetrachlorobiphenyl (PCB77) in dimethyl sulfoxide or isooctane.

Mechanisms involved in Helicobacter pylori-induced interleukin-8 production by a gastric cancer cell line, MKN45.

Mitochondrial proliferation and paradoxical membrane depolarization during terminal differentiation and apoptosis in a human colon carcinoma cell line.

Tumor-specific expression of cytochrome P450 CYP1B1.

Modulation of cytochrome P450 by 5,5'-bis-trifluoromethyl-2,2'-dichlorobiphenyl, a unique environmental contaminant.

Non-Hodgkin's lymphoma in homosexual men in the San Francisco Bay Area: occupational, chemical, and environmental exposures.

Membrane-bound protein disulfide isomerase (PDI) is involved in regulation of surface expression of thiols and drug sensitivity of B-CLL cells.

Classification of malignant hyperthermia-equivocal patients by 4-chloro-M-cresol.

Brief communication: childhood leukemia in a residential small town near Barcelona.

Tyrosine phosphorylation is required for ehrlichial internalization and replication in P388D1 cells.

Antimitotic intervention with colchicine alters the outcome of o-DCB-induced hepatotoxicity in Fischer 344 rats.

Cytosolic Ca²⁺ and protein kinase Calpha couple cellular metabolism to membrane K⁺ permeability in a human biliary cell line.

Induction of cytochrome P450 1B1 and catechol estrogen metabolism in ACHN human renal adenocarcinoma cells.

Inhibition of poly(ADP-ribose) polymerase by arsenite.

Relative genotoxic potency of arsenic and its methylated metabolites.

Arsenic alters cytosine methylation patterns of the promoter of the tumor suppressor gene p53 in human lung cells: a model for a mechanism of carcinogenesis.

Spontaneous and induced sister chromatid exchanges and delayed cell proliferation in peripheral lymphocytes of Bowen's disease patients and matched controls of arseniasis-hyperendemic villages in Taiwan.

Cytogenetic effects in human exposure to arsenic.

Arsenic can mediate skin neoplasia by chronic stimulation of keratinocyte-derived growth factors.

Carcinogenic polycyclic aromatic hydrocarbons increase intracellular Ca²⁺ and cell proliferation in primary human mammary epithelial cells.

Downregulation of aryl hydrocarbon receptor function and cytochrome P450 1A1 induction by expression of Ha-ras oncogenes.

P-Cresol, a uremic compound, enhances the uptake of aluminum in hepatocytes.

PET imaging of brain tumor with [methyl-11C]choline.

Mortality among Army Chemical Corps Vietnam veterans.

Inhibition of protein tyrosine kinases or protein kinase C prevents nonspecific killer T lymphocyte-mediated tumoricidal activity.

Beta 2-integrin-mediated signal up-regulates counterreceptor ICAM-1 expression on human monocytic cell line THP-1 through tyrosine phosphorylation.

Identification of a motif within the 5' regulatory region of pS2 which is responsible for AP-1 binding and TCDD-mediated suppression.

The multidrug-resistant human lung tumour cell line, DLKP-A10, expresses novel drug accumulation and sequestration systems.

Mutational activation of pp60(c-src) leads to a tumorigenic phenotype in a preneoplastic Syrian hamster embryo cell line.

Regulation of dioxin receptor function by omeprazole.

Some peculiarities of hepatobiliary diseases in Vietnam.

Determination of 3D dose distribution from intracavitary brachytherapy of cervical cancer by MRI of irradiated ferrous sulphate gel.

Helicobacter pylori stimulates granulocyte-macrophage colony-stimulating factor (GM-CSF) production from cultured antral biopsies and a human gastric epithelial cell line.

CD40-triggered protein tyrosine phosphorylation on Vav and on phosphatidylinositol 3-kinase correlates with survival of the Ramos-Burkitt lymphoma B cell line.

Induction of human endothelial cell apoptosis requires both heat shock and oxidative stress responses.

Role of cytochrome P450 enzyme induction in the metabolic activation of benzo[c]phenanthrene in human cell lines and mouse epidermis.

Mechanism of inhibition of MDA-MB-468 breast cancer cell growth by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Cell adhesion molecules and insulin-like growth factor-1 in vascular disease.

Tyrosine kinase signaling pathways control the expression of retinoic acid receptor-alpha in SK-BR-3 breast cancer cells.

Murine Cyp1a-1 induction in mouse hepatoma Hepa-1C1C7 cells by myristicin.

Functional link between tyrosine phosphorylation and human serotonin transporter gene expression.

Detection of peroxisome proliferators using a reporter construct derived from the rat acyl-CoA oxidase promoter in the rat liver cell line H-4-II-E.

Sodium butyrate decreases histamine-stimulated calcium mobilization in C6 glioma cells.

Altered intracellular distribution of daunorubicin in immature acute myeloid leukemia cells.

The carboxyl-terminal region of factor IX is essential for its secretion.

A novel cytoplasmic protein that interacts with the Ah receptor, contains tetratricopeptide repeat motifs, and augments the transcriptional response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Mechanisms, proof, and unmet needs: the perspective of a cancer activist.

Environmental effects and aquatic organisms: investigations of molecular mechanisms of carcinogenesis.

Activation of mitogenic signaling by endothelin 1 in ovarian carcinoma cells.

Establishment of a novel human acute myeloblastic leukemia cell line (YNH-1) with t(16;21), t(1;16) and 12q13 translocations.

Cancer mortality among rice growers in Novara Province, northern Italy.

Involvement of altered B7 expression in dioxin immunotoxicity: B7 transfection restores the CTL but not the autoantibody response to the P815 mastocytoma.

Cancer risk assessment using blood dioxin levels and daily dietary TEQ intake in general populations of industrial and non-industrial countries.

Protein phosphatase in neuroblastoma cells: [3H]cantharidin binding site in relation to cytotoxicity.

AML1a but not AML1b inhibits erythroid differentiation induced by sodium butyrate and enhances the megakaryocytic differentiation of K562 leukemia cells.

Synthesis and antiproliferative and antiviral activity of carbohydrate-modified pyrrolo[2,3-d]pyridazin-7-one nucleosides.

Functional characterization of a distinct ryanodine receptor mutation in human malignant hyperthermia-susceptible muscle.

The vav proto-oncogene product (p95vav) interacts with the Tyk-2 protein tyrosine kinase.

Benzo(a)pyrene, but not 2,3,7,8-tetrachlorodibenzo-p-dioxin, alters cell proliferation and c-myc and growth factor expression in human placental choriocarcinoma JEG-3 cells.

Myogenin expression is necessary for commitment to differentiation and is closely related to src tyrosine kinase activity in quail myoblasts transformed with Rous sarcoma virus.

[Complete remission achieved by L-asparaginase, vincristine and prednisolone (LVP) therapy in secondary leukemia (M5a type) with an MLL gene rearrangement].

Expression of CYP1B1 in human adult and fetal tissues and differential inducibility of CYP1B1 and CYP1A1 by Ah receptor ligands in human placenta and cultured cells.

Human NAD(P)H:quinone oxidoreductase induction in human hepatoma cells after exposure to industrial acrylates, phenolics, and metals.

Oxygen- and dioxin-regulated gene expression in mouse hepatoma cells.

Inhibition of estrogen-induced activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the MCF-7 human breast cancer and other cell lines transfected with vitellogenin A2 gene promoter constructs.

Sulfated sialyl Lewis X, the putative L-selectin ligand, detected on endothelial cells of high endothelial venules by a distinct set of anti-sialyl Lewis X antibodies.

Effects of the tyrosine-kinase inhibitor geldanamycin on ligand-induced Her-2/neu activation, receptor expression and proliferation of Her-2-positive malignant cell lines.

Cytokines (IL-1beta and TNFalpha) in relation to biochemical and immunological effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats.

Serum dioxin levels in Seveso, Italy, population in 1976.

Interactions between 2,3,7,8-TCDD and PCBs as tumor promoters: limitations of TEFs.

Pesticide prioritization for a brain cancer case-control study.

Dioxins and the Ah receptor: probes to uncover processes in neuroendocrine development.

Dosimeter gel and MR imaging for verification of calculated dose distributions in clinical radiation therapy.

Regulation of the release of tumour necrosis factor (TNF)alpha and soluble TNF receptor by gamma irradiation and interferon gamma in Ewing's sarcoma/peripheral primitive neuroectodermal tumour cells.

Effect of subchronic 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on immune system and target gene responses in mice: calculation of benchmark doses for CYP1A1 and CYP1A2 related enzyme activities.

Rheology of rat basophilic leukemia cells.

Detection of hyperdiploidy and breakage affecting the 1cen-1q12 region of cultured interphase human lymphocytes treated with various genotoxic agents.

Organochlorine exposure and risk for breast cancer.

Interactions of TCDD with signal transduction and neoplastic development in c-myc transgenic and TGF-alpha transgenic mice.

Digestive tract neoplasms among employees with past exposure to brominated dioxins.

Mortality and cancer incidence among sawmill workers exposed to chlorophenolate wood preservatives.

Low molecular weight proteins secreted by peritoneal macrophages obtained from 2,3,7,8-tetrabromodibenzo-p-dioxin-treated NMRI mice.

Mechanism of thiazopyr-induced effects on thyroid hormone homeostasis in male Sprague-Dawley rats.

A novel energy dependent mechanism reducing daunorubicin accumulation in acute myeloid leukemia.

Multiple myeloma: clusters, clues, and dioxins.

Oxidative and chemical stress mimic insulin by selectively inhibiting the expression of phosphoenolpyruvate carboxykinase in hepatoma cells.

Modification of hepatic drug-metabolizing enzymes in rats treated with alkyl sulfides.

Mineral trioxide aggregate stimulates a biological response in human osteoblasts.

Transcriptional regulation of inducible nitric oxide synthase in cultured neonatal rat cardiac myocytes.

Evidence that the multidrug resistance protein (MRP) functions as a co-transporter of glutathione and natural product toxins.

Comparison of hexachlorocyclohexane-induced oxidative stress in the testis of immature and adult rats.

Glypican-3 is a binding protein on the HepG2 cell surface for tissue factor pathway inhibitor.

Preliminary assessment of PCB risks to human and ecological health in the lower Passaic River.

Aging and oxygen toxicity: Relation to changes in melatonin.

Synergy between cisplatin and an inhibitor of S-adenosylmethionine dependent transmethylation in human ovarian adenocarcinoma cells.

Loss of teratogenic response to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice lacking the Ah (dioxin) receptor.

Enhancement of plasminogen binding and fibrinolysis by chloropectin I.

Purification and partial structural characterization of a fatty acid-binding protein from the liver of the South American armadillo *Chaetophractus villosus*.

Increased focal adhesion kinase- and urokinase-type plasminogen activator receptor-associated cell signaling in endothelial cells exposed to asbestos.

The oncofetal J28 epitope involves fucosylated O-linked oligosaccharide structures of the fetopancinar pancreatic protein.

Metabolism of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) by human cytochrome P4501B1.

Tyrosine phosphorylation modulates current amplitude and kinetics of a neuronal voltage-gated potassium channel.

The role of Src kinase in the potentiation by ethanol of cytokine- and endotoxin-mediated nitric oxide synthase expression in rat hepatocytes.

Impairment of respiration and oxidative phosphorylation by redox cyclers 2-nitrosofluorene and menadione.

Gadolinium chloride reduces cytochrome P450: relevance to chemical-induced hepatotoxicity.

Involvement of the dorsal paratrigeminal nucleus in visceral pain-related phenomena.

Transport mechanisms of idarubicin, an anthracycline derivative, in human leukemia HL60 cells and mononuclear cells, and comparison with those of its analogs.

Immunochemical, 32P-postlabeling, and GC/MS detection of 4-aminobiphenyl-DNA adducts in human peripheral lung in relation to metabolic activation pathways involving pulmonary N-oxidation, conjugation, and peroxidation.

Down-regulation of gap junctional intercellular communication between osteoblastic MC3T3-E1 cells by basic fibroblast growth factor and a phorbol ester (12-O-tetradecanoylphorbol-13-acetate).

Induction in human osteoblastic cells (SaOS2) of the early response genes fos, jun, and myc by the amino terminal fragment (ATF) of urokinase.

Inhibition of protein kinase C prevents asbestos-induced c-fos and c-jun proto-oncogene expression in mesothelial cells.

A pharmacokinetic analysis of interspecies extrapolation in dioxin risk assessment.

Transcriptional regulation of N-acetylglucosaminyltransferase V by the src oncogene.

Cellular response to the redox active lipid peroxidation products: induction of glutathione S-transferase P by 4-hydroxy-2-nonenal.

Induction of estradiol 2-hydroxylase activity in MCF-7 human breast cancer cells by pesticides and carcinogens.

Inhibition of calcium accumulation by the sarcoplasmic reticulum: a putative mechanism for the cardiotoxicity of adriamycin.

Aniline and its metabolites generate free radicals in yeast.

Cytokine gene expression during ontogeny in murine thymus on activation of the aryl hydrocarbon receptor by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Regulation of expression of the human heme oxygenase-1 gene in transfected chick embryo liver cell cultures.

Integrin stimulation regulates polymorphonuclear leukocytes inflammatory cytokine expression.

Study of arsenic mutagenesis using the plasmid shuttle vector pZ189 propagated in DNA repair proficient human cells.

Cytochrome P450 3A4 mediated metabolism of 2,4-dichlorophenol.

Resazurin reduction as a function of respiratory burst in bovine neutrophils.

Mobilization of iron from neoplastic cells by some iron chelators is an energy-dependent process.

International body says dioxin is a human carcinogen.

Effects of TCDD on Ah receptor, ARNT, EGF, and TGF-alpha expression in embryonic mouse urinary tract.

Changes in barrier function of a model intestinal epithelium by intraepithelial lymphocytes require new protein synthesis by epithelial cells.

Characterization of the H4IIE rat hepatoma cell bioassay for evaluation of environmental samples containing polynuclear aromatic hydrocarbons (PAHs).

Interleukin-2 increases intracellular glutathione levels and reverses the growth inhibiting effects of cyclophosphamide on B16 melanoma cells.

Reassessment of the carcinogenicity of polychlorinated biphenyls (PCBs).

Can skin cancer in humans be prevented by alleviation of oxidative stress?

Role of tyrosine kinase enzymes in TNF-alpha and IL-1 induced expression of ICAM-1 and VCAM-1 on human umbilical vein endothelial cells.

Diaminonaphthalenes and related aminocompounds: mutagenicity, CYP1A induction and interaction with the Ah receptor.

The ability to alter the gap junction protein expression outside GST-P positive foci in liver of rats was associated to the tumour promotion potency of different polychlorinated biphenyls.

Scientists challenge EPA methods for assessing dioxin cancer risk.

Effects of cyclophosphamide and ifosfamide on neuroblastoma cells before and after activation by microsomes.

Murine hepatic p53, RB, and CDK inhibitory protein expression following acute 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure.

The relative susceptibility of animals and humans to the carcinogenic hazard posed by exposure to 2,3,7,8-TCDD: an analysis using standard and internal measures of dose.

Neutrophil-mediated activation of mitoxantrone to metabolites which form adducts with DNA.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on tumor necrosis factor (TNF) production by peritoneal cells.

How knockout mouse lines will be used to study the role of drug-metabolizing enzymes and their receptors during reproduction and development, and in environmental toxicity, cancer, and oxidative stress.

Effects of acute and chronic arsenic exposure of human-derived keratinocytes in an In Vitro human skin equivalent system: a novel model of human arsenicism.

Metabolites of arsenic induced tetraploids and mitotic arrest in cultured cells.

A benzo[a]pyrene-induced cell cycle checkpoint resulting in p53-independent G1 arrest in 3T3 fibroblasts.

Active efflux of the free acid form of the fluorescent dye 2',7'-bis(2-carboxyethyl)-5(6)-carboxyfluorescein in multidrug-resistance-protein-overexpressing murine and human leukemia cells.

[Environmental pollutants with hormonal effects. Is estrogen theory a good model?].

Metabolic activation and DNA-adducts detection as biomarkers of chlorinated pesticide exposures.

Tumor necrosis factor beta is a major source of antibody-activated effector cells in the killing of virally infected target cells.

[Modulation of respiratory activity of renal macrophages in sea bass (*Dicentrarchus labrax*) by chronic exposure to sublethal concentration of ammonia].

DNA adduct formation in primary mouse embryo cells induced by 7H-dibenzo[c,g]carbazole and its organ-specific carcinogenic derivatives.

Selected lesions of dioxin in laboratory rodents.

Urinary excretion of ifosfamide, 4-hydroxyifosfamide, 3- and 2-dechloroethylifosfamide, mesna, and dimesna in patients on fractionated intravenous ifosfamide and concomitant mesna therapy.

Promoting effects of dimethylarsinic acid on N-butyl-N-(4-hydroxybutyl)nitrosamine-induced urinary bladder carcinogenesis in rats.

In vivo percutaneous absorption of acetochlor in the rhesus monkey: dose-response and exposure risk assessment.

Chronic dietary toxicity/oncogenicity studies on 2,4-dichlorophenoxyacetic acid in rodents.

Mutagenicity of cobalt and reactive oxygen producers.

Differential effect of peroxisome proliferators on rat glutathione S-transferase isoenzymes.

Studies on the basis for the toxicity of acrolein mercapturates.

Agent orange and the risk of gestational trophoblastic disease in Vietnam.

Evaluation of the potential carcinogenicity and genetic toxicity to humans of the herbicide acetochlor.

Cancer incidence among alachlor manufacturing workers.

Mode of action of thyroid tumor formation in the male Long-Evans rat administered high doses of alachlor.

Hierarchical cluster analysis of environmental pollutants through P450 induction in cultured hepatic cells.

Co-recombinogenic and anti-mutagenic effects of diethylhexylphthalate, inactiveness of pentachlorophenol in the spot test with mice.

Evaluation of mortality and cancer incidence among alachlor manufacturing workers.

Effect of atrazine on ovarian function in the rat.

Cancer mortality in German male workers exposed to phenoxy herbicides and dioxins.

Oxidative DNA damage and cell proliferation in the livers of B6C3F1 mice exposed to pentachlorophenol in their diet.

Exposure to dimethylarsinic acid, a main metabolite of inorganic arsenics, strongly promotes tumorigenesis initiated by 4-nitroquinoline 1-oxide in the lungs of mice.

Mortality among workers at two triazine herbicide manufacturing plants.

Endogenous production of DNA adducts.

Detection of 1, N2-propanodeoxyguanosine adducts as potential endogenous DNA lesions in rodent and human tissues.

Genotoxic effects of pesticides.

The effect of a herbicide--sodium salt of 2,4-dichlorophenoxyacetic acid on guerin carcinoma.

DNA damage induced in mouse tissues by organic wood preserving waste extracts as assayed by 32P-postlabeling.

Endocrine modulation of reproduction.

Effect of trivalent and pentavalent arsenic in causing chromosome alterations in cultured Chinese hamster ovary (CHO) cells.

Inhibition of glutathione S-transferase activity in human melanoma cells by alpha,beta-unsaturated carbonyl derivatives. Effects of acrolein, cinnamaldehyde, citral, crotonaldehyde, curcumin, ethacrynic acid, and trans-2-hexenal.

Mortality in a cohort of pentachlorophenol manufacturing workers, 1940-1989.

Increased expression of neuronal nitric oxide synthase in bladder afferent pathways following chronic bladder irritation.

The w/w+ somatic mutation and recombination test (SMART) of *Drosophila melanogaster* for detecting reactive oxygen species: characterization of 6 strains.

Increased activity and sensitivity of mitochondrial respiratory enzymes to tumor necrosis factor alpha-mediated inhibition is associated with increased cytotoxicity in drug-resistant leukemic cell lines.

Cancer incidence in the rural community of Tecumseh, Michigan: a pattern of increased lymphopietic neoplasms.

Kinetics of the reaction of a potential chemopreventive agent, 2,6-dithiopurine, and its major metabolite, 2,6-dithiouric acid, with multiple classes of electrophilic toxicants.

Identification of a novel growth-promoting factor with a wide target cell spectrum from various tumor cells as catalase.

Transfection of human cytochrome P-450 reductase cDNA and its effect on the sensitivity to toxins.

Assessment of the role of the glutathione and pentose phosphate pathways in the protection of primary cerebrocortical cultures from oxidative stress.

The direct effect of hepatic peroxisome proliferators on rat Leydig cell function in vitro.

Failure of chloro-S-triazine-derived compounds to induce estrogen receptor-mediated responses in vivo and in vitro.

Oxidative DNA lesions in V79 cells mediated by pentachlorophenol metabolites.

ATP depletion affects the phosphorylation state, ligand binding, and nuclear transport of the 4 S polycyclic aromatic hydrocarbon-binding protein in rat hepatoma cells.

Heparan sulfate proteoglycans play a dual role in regulating fibroblast growth factor-2 mitogenic activity in human breast cancer cells.

[Toxicologic risk assessment and prevention: rational and irrational approaches].

Different pathways in irritant contact eczema? Early differences in the epidermal elemental content and expression of cytokines after application of 2 different irritants.

Effects of the stress response in septic rats and LPS-stimulated alveolar macrophages: evidence for TNF-alpha posttranslational regulation.

Enforced expression of Bcl-XS induces differentiation and sensitizes chronic myelogenous leukemia-blast crisis K562 cells to 1-beta-D-arabinofuranosylcytosine-mediated differentiation and apoptosis.

Oxidative DNA damage induced by activation of polychlorinated biphenyls (PCBs): implications for PCB-induced oxidative stress in breast cancer.

Tetrahydrobiopterin biosynthesis enhanced by lipopolysaccharide stimulation in murine neuroblastoma cell line N1E-115.

Functional CD40 ligand expressed by human blood dendritic cells is up-regulated by CD40 ligation.

Active transport of glutathione S-conjugate in human colon adenocarcinoma cells.

Possible role of arachidonic acid in stress-induced cytochrome P450IA1 activity.

The beneficial effect of taurine on the prevention of human endothelial cell death.

A lipid A analog inhibits LPS-induced cytokine expression and improves survival in endotoxemic mice.

Bioassay for determining 2,3,7,8-tetrachlorodibenzo-p-dioxin equivalents (TEs) in human hepatoma HepG2 cells.

Dioxin induces transcription of fos and jun genes by Ah receptor-dependent and -independent pathways.

Ah-receptor-dependent modulation of gene expression by aged and diluted sidestream cigarette smoke.

12-Lipoxygenase in A431 cells: genetic identity, modulation of expression, and intracellular localization.

Tyrosine phosphorylation is crucial for growth signaling by tissue inhibitors of metalloproteinases (TIMP-1 and TIMP-2).

Differences in inducibility of CYP1A1-mRNA by benzimidazole compounds between human and mouse cells: evidences of a human-specific signal transduction pathway for CYP1A1 induction.

Incidence rates of leukemias, lymphomas and myelomas in Italy: geographic distribution and NHL histotypes.

Increased concentrations of octachlorodibenzo-p-dioxin in cases with breast cancer--results from a case-control study.

Arsenic induces interleukin-8 expression in cultured keratinocytes.

Oxidative modification of low-density lipoprotein by the human hepatoma cell line HepG2.

Functional interference between hypoxia and dioxin signal transduction pathways: competition for recruitment of the Arnt transcription factor.

Activation of the Ras signaling pathway by the CD40 receptor.

Inhibitors of anchorage-independent growth affect the growth of transformed cells on poly(2-hydroxyethyl methacrylate)-coated surfaces.

A 100-kDa protein tyrosine phosphorylation is concurrent with beta 1 integrin-mediated morphological differentiation in neuroblastoma and small cell lung cancer cells.

Inhibition of TC-1 cytokine production, effector cytotoxic T lymphocyte development and alloantibody production by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Undersulfation of glycosaminoglycans reduces the proliferation of a leukemia cell line in vitro.

Cause specific mortality and cancer incidence among employees exposed to 2,3,7,8-TCDD after a 1953 reactor accident.

Chemical-activated luciferase gene expression (CALUX): a novel in vitro bioassay for Ah receptor active compounds in sediments and pore water.

Farming, pesticide use and hairy-cell leukemia.

Fulminant malignant hyperthermia associated with ketoacidotic diabetic coma.

Use of four-colour flow cytometry to evaluate conjugate formation between human peripheral blood mononuclear cells and tumour target cells.

Correlation between selected environmental exposures and karyotype in acute myelocytic leukemia.

Mimosine blocks cell cycle progression by chelating iron in asynchronous human breast cancer cells.

Identification of a cell-specific transcription activation domain within the human Ah receptor nuclear translocator.

Inhibition of prolactin receptor gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin in MCF-7 human breast cancer cells.

Monoclonal antibody to single-stranded DNA is a specific and sensitive cellular marker of apoptosis.

Mechanisms of colon cancer binding to substratum and cells.

Ormaplatin resistance is associated with decreased accumulation of its platinum (II) analogue, dichloro(D,L-trans)1,2-diaminocyclohexaneplatinum (II).

Cytokine-induced nitric oxide synthase gene transcription is blocked by the heat shock response in human liver cells.

An effect of K-ras gene mutation on epidermal growth factor receptor signal transduction in PANC-1 pancreatic carcinoma cells.

4-Chloro-m-cresol: a specific tool to distinguish between malignant hyperthermia-susceptible and normal muscle.

Complementation of Ah receptor deficiency in hepatoma cells: negative feedback regulation and cell cycle control by the Ah receptor.

Activation of mitogen activated protein kinase in dolichyl phosphate-induced apoptosis in U937 cells.

Squalene inhibits sodium arsenite-induced sister chromatid exchanges and micronuclei in Chinese hamster ovary-K1 cells.

Inhibition of HSP70 expression by calcium ionophore A23187 in human cells. An effect independent of the acquisition of DNA-binding activity by the heat shock transcription factor.

Implication of tyrosine kinases and protein kinase C in dimethyl sulfoxide-induced apoptosis.

Transport mechanisms of anthracycline derivatives in human leukemia cell lines: uptake of pirarubicin, daunorubicin and doxorubicin by K562 and multidrug-resistant K562/ADM cells.

Herbimycin A, a tyrosine kinase inhibitor, impairs hypercalcemia associated with a human squamous cancer producing interleukin-6 in nude mice.

Case control study of neuroblastoma in west-Germany after the Chernobyl accident.

Cancer incidence and specific occupational exposures in the Swedish leather tanning industry: a cohort based case-control study.

Comparative effects of the metabolic inhibitors 2,4-dinitrophenol and iodoacetate on mouse neuroblastoma cells in vitro.

Target cell-induced apoptosis of interleukin-2-activated human natural killer cells: roles of cell surface molecules and intracellular events.

Physical and functional association between GADD153 and CCAAT/enhancer-binding protein beta during cellular stress.

Intracellular glutathione level modulates the induction of apoptosis by delta 12-prostaglandin J2.

Chemical exposures, medical history, and risk of squamous and basal cell carcinoma of the skin.

Antioxidants inhibit the enhancement of malignant cell transformation induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on insulin-induced responses in MCF-7 human breast cancer cells.

CD28-dependent killing by human YT cells requires phosphatidylinositol 3-kinase activation.

Osteopontin activation of c-src in human melanoma cells requires the cytoplasmic domain of the integrin alpha v-subunit.

Uroporphyrin accumulation associated with cytochrome P4501A induction in fish hepatoma cells exposed to aryl hydrocarbon receptor agonists, including 2,3,7,8-tetrachlorodibenzo-p-dioxin and planar chlorobiphenyls.

Arsenic and chromium enhance transformation of bovine papillomavirus DNA-transfected C3H/10T1/2 cells.

Characterization of the molecular and structural properties of the transformed and nuclear aryl hydrocarbon (Ah) receptor complexes by proteolytic digestion.

Purification and characterization of a protein that permits early detection of lung cancer. Identification of heterogeneous nuclear ribonucleoprotein-A2/B1 as the antigen for monoclonal antibody 703D4.

Dioxin and cancer: the never-ending story.

Effect of herbimycin A on renal cancer cell growth.

Quantitative analysis of enzyme-altered liver foci in rats initiated with diethylnitrosamine and promoted with 2,3,7,8-tetrachlorodibenzo-p-dioxin or 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin.

Modeling the number and size of hepatic focal lesions following exposure to 2,3,7,8-TCDD.

The aromatic hydrocarbon receptor modulates the Hepa 1c1c7 cell cycle and differentiated state independently of dioxin.

Cytochromes P450 (CYP) in the *Poeciliopsis lucida* hepatocellular carcinoma cell line (PLHC-1): dose- and time-dependent glucocorticoid potentiation of CYP1A induction without induction of CYP3A.

Substituted flavones as aryl hydrocarbon (Ah) receptor agonists and antagonists.

Indole-3-carbinol and diindolylmethane as aryl hydrocarbon (Ah) receptor agonists and antagonists in T47D human breast cancer cells.

Detection of human papillomavirus type-16 DNA utilising microtitre-plate based amplification reactions and a solid-phase enzyme-immunoassay detection system.

Protein-tyrosine kinases activate while protein-tyrosine phosphatases inhibit L-type calcium channel activity in pituitary GH3 cells.

Exogenous catalase may potentiate oxidant-mediated lung injury in the female Sprague-Dawley rat.

Factors influencing the development of sigmoid colon cancer. Bacteriologic and biochemical studies.

DNA binding by the heterodimeric Ah receptor. Relationship to dioxin-induced CYP1A1 transcription in vivo.

Dietary garlic extract in modifying clastogenic effects of inorganic arsenic in mice: two-generation studies.

Circulating interleukin-2 receptors are a group of multimeric proteins with immunoreactivity for interleukin-2 receptor alpha, beta, and gamma chains.

Synthesis of [¹¹C-methyl]-alpha-aminoisobutyric acid (AIB).

Comparison of Ah receptor-mediated luciferase and ethoxyresorufin-O-deethylase induction in H4IIE cells: implications for their use as bioanalytical tools for the detection of polyhalogenated aromatic hydrocarbons.

Incidence and time trends for lymphomas, leukemias and myelomas: hypothesis generation. Working Group on the Epidemiology of Hematolymphopoietic Malignancies in Italy.

Genoprotection by UDP-glucuronosyltransferases in peroxidase-dependent, reactive oxygen species-mediated micronucleus initiation by the carcinogens 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone and benzo[a]pyrene.

Inhibition of Fc epsilon-RI-mediated activation of rat basophilic leukemia cells by *Clostridium difficile* toxin B (monoglucosyltransferase).

Isolation and characterization of variant benzo[a]pyrene-resistant T47D human breast-cancer cells.

Identification of dioxin-responsive genes in Hep G2 cells using differential mRNA display RT-PCR.

Different mechanisms are responsible for c-jun mRNA induction by cisplatin and ultraviolet light.

Target-induced death by apoptosis in human lymphokine-activated natural killer cells.

Interaction of a recombinant form of apolipoprotein[a] with human fibroblasts and with the human hepatoma cell line HepG2.

Implications for risk assessment of suggested nongenotoxic mechanisms of chemical carcinogenesis.

TCDD-inducible plasminogen activator inhibitor type 2 (PAI-2) in human hepatocytes, HepG2 and monocytic U937 cells.

The actions of 2,3,7,8-tetrachlorodibenzo-p-dioxin on transforming growth factor-beta2 promoter activity are localized to the TATA box binding region and controlled through a tyrosine kinase-dependent pathway.

Surface expression of CD63 antigen (AD1 antigen) in P815 mastocytoma cells by transfected IgE receptors.

Glutathione S-transferase-pi is secreted as a monomer into human plasma by platelets and tumor cells.

Role of tyrosine phosphorylation in radiation-induced cell cycle-arrest of leukemic B-cell precursors at the G2-M transition checkpoint.

Safety assessment based on irrelevant toxicologic data: an extraordinary case of bromomethane used as a fumigant.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin, 12-O-tetradecanoylphorbol-13-acetate and 17 beta-estradiol on estrogen receptor regulation in MCF-7 human breast cancer cells.

[Involvement of sulfated proteoglycans in the control of proliferation of MCF-7 breast cancer cells].

Blood and air pollution: state of knowledge and research needs.

Cell cycle defect in connection with oxygen and iron sensitivity in Fanconi anemia lymphoblastoid cells.

Effect of transient expression of the oestrogen receptor on constitutive and inducible CYP1A1 in Hs578T human breast cancer cells.

Effects of tyrosine kinase inhibitors on the proliferation of human breast cancer cell lines and proteins important in the ras signaling pathway.

Activation of type I protein kinase A during receptor-mediated human T lymphocyte activation.

Autocrine growth of small cell lung cancer mediated by coexpression of c-kit and stem cell factor.

Arsenite, but not cadmium, induces ornithine decarboxylase and heme oxygenase activity in rat liver: relevance to arsenic carcinogenesis.

Increased oxidative DNA damage in livers of 2,3,7,8-tetrachlorodibenzo-p-dioxin treated intact but not ovariectomized rats.

Occupational exposure and malignant lymphoma.

2,3,7,8-Tetrachlorodibenzo-p-dioxin mechanistic data and risk assessment: gene regulation, cytotoxicity, enhanced cell proliferation, and tumor promotion.

Genetic association between cytochrome P450IA1 gene and susceptibility to Parkinson's disease.

Curcumin induces apoptosis in immortalized NIH 3T3 and malignant cancer cell lines.

Cancers of skin, bone, connective tissues, brain, eye, thyroid and other specified and unspecified sites in Inuit.

Receptor-mediated carcinogenesis: the role of biological effect modeling for risk assessment of dioxin and tamoxifen.

Pesticide appliers with mixed pesticide exposure: G-banded analysis and possible relationship to non-Hodgkin's lymphoma.

[Separation of methotrexate-polyglutamates by capillary electrophoresis and its application to the measurement of gamma-glutamyl hydrolase activity in human leukemia cells in culture].

The Caco-2 cell culture system can be used as a model to study food iron availability.

Transport mechanism of anthracycline derivatives in human leukemia cell lines: uptake and efflux of pirarubicin in HL60 and pirarubicin-resistant HL60 cells.

Characterization of the M(r) 65,000 lymphokine-activated killer proteins phosphorylated after tumor target binding: evidence that pp65a and pp65b are phosphorylated forms of L-plastin.

Plant regeneration from somatic embryos of *Taxus brevifolia*.

Herbimycin A down-regulates messages of cyclin D1 and c-myc during erythroid differentiation of K562 cells.

Toxic equivalence factors, problems and limitations.

[Bladder neoplasms and cyclophosphamide. Apropos of 3 cases and review of the literature].

Tissue-specific 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible expression of human UDP-glucuronosyltransferase UGT1A6.

Arsenite induces apoptosis in Chinese hamster ovary cells by generation of reactive oxygen species.

Heat shock response inhibits cytokine-inducible nitric oxide synthase expression in rat hepatocytes.

Subchronic dispositional and toxicological effects of arsenate administered in drinking water to mice.

Higher concentrations of specific polychlorinated biphenyl congeners in adipose tissue from non-Hodgkin's lymphoma patients compared with controls without a malignant disease.

Mutagenic responses of L5178Y mouse cells at the tk and hprt loci.

Baculovirus-mediated expression and characterization of rat CYP2A3 and human CYP2a6: role in metabolic activation of nasal toxicants.

Dioxin activates human immunodeficiency virus-1 expression in chronically infected promonocytic U1 cells by enhancing NF-kappa B activity and production of tumor necrosis factor-alpha.

The primary structure of UK114 tumor antigen.

Freeze-induced shrinkage of individual cells and cell-to-cell propagation of intracellular ice in cell chains from salivary glands.

Bipyridyl dihydrochloride inhibits tumor necrosis factor-alpha secretion by human keratinocytes on ultraviolet irradiation.

Anti-inflammatory properties of human serum IgA: induction of IL-1 receptor antagonist and Fc alpha R (CD89)-mediated down-regulation of tumour necrosis factor-alpha (TNF-alpha) and IL-6 in human monocytes.

Differential regulation of mouse Ah receptor gene expression in cell lines of different tissue origins.

Differential effects of tyrosine kinase inhibitors on tumor necrosis factor and nitric oxide production by murine macrophages.

Effects of protein tyrosine kinase inhibitors on cytokine-induced adhesion molecule expression by human umbilical vein endothelial cells.

Application of a biologically-based RFD estimation method to tetrachlorodibenzo-p-dioxin (TCDD) mediated immune suppression and enzyme induction.

Metabolism of organochlorine pesticides: the role of human cytochrome P450 3A4.

Metabolic stress opens K⁺ channels in hepatoma cells through a Ca²⁺- and protein kinase alpha-dependent mechanism.

Tumor necrosis factor alpha-induced vascular leakage involves PECAM1 phosphorylation.

Engagement of tumor necrosis factor mRNA by an endotoxin-inducible cytoplasmic protein.

Rapid cytotoxicity of human B lymphocytes induced by VH4-34 (VH4.21) gene-encoded monoclonal antibodies.

Interleukin 4 or oncostatin M induces a prolonged increase in P-selectin mRNA and protein in human endothelial cells.

Interaction with the aromatic hydrocarbon receptor, CYP1A induction, and mutagenicity of a series of diaminotoluenes: implications for their carcinogenicity.

P-glycoprotein induction in rat liver epithelial cells in response to acute 3-methylcholanthrene treatment.

Characterization of urinary metabolites from Sprague-Dawley rats and B6C3F1 mice exposed to [1,2,3,4-¹³C]butadiene.

Role of tumor necrosis factor-alpha on mesangial cell MCP-1 expression and monocyte migration: mechanisms mediated by signal transduction.

Lipopolysaccharide inhibits in vitro luteinizing hormone-stimulated rat ovarian granulosa cell estradiol but not progesterone secretion.

Analysis of recombinant human tumour necrosis factor-alpha-induced CD4 expression on human eosinophils.

The capability of rat colon tissue slices to metabolize the cooked-food carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine.

Induction of heme oxygenase-1 in LMH cells. Comparison of LMH cells to primary cultures of chick embryo liver cells.

Protection by transfected rat or human class 3 aldehyde dehydrogenase against the cytotoxic effects of oxazaphosphorine alkylating agents in hamster V79 cell lines. Demonstration of aldophosphamide metabolism by the human cytosolic class 3 isozyme.

De novo expression of transfected human class 1 aldehyde dehydrogenase (ALDH) causes resistance to oxazaphosphorine anti-cancer alkylating agents in hamster V79 cell lines. Elevated class 1 ALDH activity is closely correlated with reduction in DNA interstrand cross-linking and lethality.

Lyn and Fgr protein-tyrosine kinases prevent apoptosis during retinoic acid-induced granulocytic differentiation of HL-60 cells.

Herbimycin A inhibits protein kinase C in vascular smooth muscle cells.

Cell kinetics of repair after allyl alcohol-induced liver necrosis in mice.

Dynamic production of tumour necrosis factor-alpha (TNF-alpha) messenger RNA, intracellular and extracellular TNF-alpha by murine macrophages and possible association with protein tyrosine phosphorylation of STAT1 alpha and ERK2 as an early signal.

Involvement of glutathione in induction of c-jun proto-oncogene by methylmethanesulfonate in NIH 3T3 cells.

Diallyl disulfide induces apoptosis of human colon tumor cells.

Influence of liver tumor promoters on apoptosis in rat hepatocytes induced by 2-acetylaminofluorene, ultraviolet light, or transforming growth factor beta 1.

[Agricultural antiparasitics evaluated for their potential cancerogenic, mutagenic and toxic reproductive effects].

TNF-alpha participates in an IgE-mediated cutaneous reaction in mast cell deficient, WBB6F1-W/Wv mice.

'Non-genotoxic' carcinogens evaluated using the white-ivory assay of *Drosophila melanogaster*.

4-Chloro-m-cresol, a potent and specific activator of the skeletal muscle ryanodine receptor.

Cell adhesion to substratum and activation of tyrosine kinases are essentially required for G1/S phase transition in BALB/c 3T3 fibroblasts.

Differential ability of 2,4-dinitrophenol to modulate etoposide cytotoxicity in mammalian tumor cell lines associated with inhibition of macromolecular synthesis.

Health risk assessment for inuit newborns exposed to dioxin-like compounds through breast feeding.

Quantitative risk assessment and the limitations of the linearized multistage model.

CYP2E1-mediated mechanism of anti-genotoxicity of the broccoli constituent sulforaphane.

Glutathionyl hydroquinone: a potent pro-oxidant and a possible toxic metabolite of benzene.

Assessment of exposure to inorganic arsenic, a human carcinogen, due to the consumption of seafood.

Hemoglobin and DNA adduct formation in Fischer-344 rats exposed to 2,4- and 2,6-toluene diamine.

Intestinal brush border transport mechanism of 5-fluorouracil in rats.

Potential role of the peroxidase-dependent metabolism of serotonin in lowering the polymorphonuclear leukocyte bactericidal function.

Involvement of tyrosine phosphorylation in endothelial adhesion molecule induction.

A mechanistic model of effects of dioxin on thyroid hormones in the rat.

Modifications of neurofilament proteins by possible metabolites of allyl chloride in vitro.

Species-dependent induction of peroxisome proliferation by haloxyfop, an aryloxyphenoxy herbicide.

Heterologous expression of selenium-dependent glutathione peroxidase affords cellular resistance to paraquat.

Pentachlorophenol-induced oxidative DNA damage in mouse liver and protective effect of antioxidants.

Epidemiologic research on Vietnam veterans. Difficulties and lessons learned.

Hodgkin's disease and Vietnam service.

On the association between canine malignant lymphoma and opportunity for exposure to 2,4-dichlorophenoxyacetic acid.

Photodamage and skin cancer among paraquat workers.

Soft tissue sarcoma and non-Hodgkin's lymphoma in workers exposed to phenoxy herbicides, chlorophenols, and dioxins: two nested case-control studies.

The purported link between agent orange and cancer.

Induction of 8-hydroxy-2-deoxyguanosine and single-strand breaks in DNA of V79 cells by tetrachloro-p-hydroquinone.

Developmental toxicity and structure-activity relationships of chlorophenols using human embryonic palatal mesenchymal cells.

Acrolein mercapturates: synthesis, characterization, and assessment of their role in the bladder toxicity of cyclophosphamide.

The metabolism and DNA binding of the cooked-food mutagen, 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in precision-cut rat liver slices.

Olfactory toxicity of diethyldithiocarbamate (DDTC) and disulfiram and the protective effect of DDTC against the olfactory toxicity of dichlobenil.

Acute and long-term effects of nine chemicals on the Japanese medaka (*Oryzias latipes*).

Toward less misleading comparisons of uncertain risks: the example of aflatoxin and alar.

Rapid decreases in indigenous covalent DNA modifications (I-compounds) of male Fischer-344 rat liver DNA by diquat treatment.

Cancer induction by an organic arsenic compound, dimethylarsinic acid (cacodylic acid), in F344/DuCrj rats after pretreatment with five carcinogens.

Agent Orange down under.

Overinterpretation of small numbers in the Dow 2,4-D cohort study.

Acrolein.

[Herbicides and neoplasms of the hemolymphopoietic system].

Lack of carcinogenicity of daminozide, alone or in combination with its contaminant 1,1-dimethylhydrazine, in a medium-term bioassay.

Fate and effects of acrolein.

Atrazine treatment potentiates excretion of mutagenic urine in 2,6-dinitrotoluene-treated Fischer 344 rats.

Epidemiology of atrazine.

Toxicity of 3-methylindole, 1-nitronaphthalene and paraquat in precision-cut rat lung slices.

Exposure to polychlorinated dioxins and furans (PCDD/F) and mortality in a cohort of workers from a herbicide-producing plant in Hamburg, Federal Republic of Germany.

Generation of resistance to the diphenyl ether herbicide acifluorfen by MEL cells.

Antioxidative roles of metallothionein and manganese superoxide dismutase induced by tumor necrosis factor-alpha and interleukin-6.

Evidence from ³²P-postlabeling and the use of pentachlorophenol for a novel metabolic activation pathway of diethylstilbestrol and its dimethyl ether in mouse liver: likely alpha-hydroxylation of ethyl group(s) followed by sulfate conjugation.

Hepatic oxidative stress and related defenses during treatment of mice with acetylsalicylic acid and other peroxisome proliferators.

Nerve growth factor prevents apoptosis of rat peritoneal mast cells through the trk proto-oncogene receptor.

19-Allylaminoherbimycin A, an analog of herbimycin A that is stable against treatment with thiol compounds or granulocyte-macrophage colony-stimulating factor in human leukemia cells.

Species-specific antagonism of Ah receptor action by 2,2',5,5'-tetrachloro- and 2,2',3,3',4,4'-hexachlorobiphenyl.

Biologically bounded risk assessment for receptor-mediated nongenotoxic carcinogens.

Induction of the 72-kD heat shock protein in human skin melanoma and squamous cell carcinoma cell lines.

Biological activities of synthetic analogues of *Alternaria alternata* toxin (AAL-toxin) and fumonisin in plant and mammalian cell cultures.

The role of the neurohormone melatonin as a buffer against macromolecular oxidative damage.

PPAR: a mediator of peroxisome proliferator action.

Molecular mechanism of inhibition of estrogen-induced cathepsin D gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in MCF-7 cells.

Ornithine decarboxylase- and ras-induced cell transformations: reversal by protein tyrosine kinase inhibitors and role of pp130CAS.

Tyrosine kinase activity is essential for interleukin-1 beta--stimulated production of interleukin-6 in U373 human astrocytoma cells.

Human glutathione S-transferase M1 null genotype is associated with a high inducibility of cytochrome P450 1A1 gene transcription.

Studies into the effect of the tyrosine kinase inhibitor herbimycin A on NF-kappa B activation in T lymphocytes. Evidence for covalent modification of the p50 subunit.

Oral administration of dihydroartemisinin and ferrous sulfate retarded implanted fibrosarcoma growth in the rat.

Transcriptional activation of Alzheimer's beta-amyloid precursor protein gene by stress.

Effect of orthovanadate on commitment of avian myoblasts transformed with Rous sarcoma virus to myogenic differentiation.

Organochlorine compounds and estrogen-related cancers in women.

Quantitative analysis of collagen and collagen subtypes I, III, and V in human pancreatic cancer, tumor-associated chronic pancreatitis, and alcoholic chronic pancreatitis.

Persistence of TCDD-induced hepatic cell proliferation and growth of enzyme altered foci after chronic exposure followed by cessation of treatment in DEN initiated female rats.

Promotion of N-nitrosodiethylamine-initiated hepatocellular tumors and hepatoblastomas by 2,3,7,8-tetrachlorodibenzo-p-dioxin or Aroclor 1254 in C57BL/6, DBA/2, and B6D2F1 mice.

Interaction of calyculin and its cyanogen bromide fragments with annexin II and glyceraldehyde 3-phosphate dehydrogenase.

Preferential requirement for protein tyrosine phosphatase activity in the 12-O-tetradecanoylphorbol-13-acetate-induced differentiation of human colon cancer cells.

Influence of xenobiotics on rainbow trout liver estrogen receptor and vitellogenin gene expression.

Comparison of mouse and chick embryo liver and hepatoma cell lines as model systems used for enzymological estimation of toxicity potentials of organic pollutants.

Effects of pesticides on the ratio of 16 alpha/2-hydroxyestrone: a biologic marker of breast cancer risk.

Purification and identification of mouse lung microvessel endothelial cell-derived chemoattractant for lung-metastasizing murine RAW117 large-cell lymphoma cells: identification as mouse monocyte chemotactic protein 1.

Increased rate of adenosine triphosphate-dependent etoposide (VP-16) efflux in a murine leukemia cell line overexpressing the multidrug resistance-associated protein (MRP) gene.

Differential response of normal and HPV immortalized ectocervical epithelial cells to B[a]P.

Adaptation of Ehrlich ascites carcinoma cells to energy deprivation in vivo can be associated with heat shock protein accumulation.

Regulation of CYP1A1 by indolo[3,2-b]carbazole in murine hepatoma cells.

erbB-2 oncogene inhibition by geldanamycin derivatives: synthesis, mechanism of action, and structure-activity relationships.

Inhibition of the oncogene product p185erbB-2 in vitro and in vivo by geldanamycin and dihydrogeldanamycin derivatives.

Herbimycin A suppresses NF-kappa B activation and tyrosine phosphorylation of JAK2 and the subsequent induction of nitric oxide synthase in C6 glioma cells.

Pesticides--how research has succeeded and failed in informing policy: DDT and the link with breast cancer.

Inhibition of the growth of a human nasopharyngeal carcinoma cell line by bFGF is mediated via FGFR-1.

2,3,7,8-Tetrachlorodibenzo-p-dioxin sensitization of cultured human epidermal cells to carcinogenic heterocyclic amine toxicity.

Expression of cytokine mRNA in human melanoma tissues.

Ligand-dependent and -independent activation of the transcription factor gamma RF-1 in a cell-free system.

Comparisons of estimated human body burdens of dioxinlike chemicals and TCDD body burdens in experimentally exposed animals.

Negative selection in hepatic tumor promotion in relation to cancer risk assessment.

Incorporating cell proliferation kinetics into models for cancer risk assessment.

Biochemical mechanisms and cancer risk assessment models for dioxin.

Different response of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-sensitive genes in human breast cancer MCF-7 and MDA-MB 231 cells.

Establishment of a recombinant hepatic cell line stably expressing alcohol dehydrogenase.

Influx of daunorubicin in multidrug resistant Ehrlich ascites tumour cells: correlation to expression of P-glycoprotein and efflux. Influence of verapamil.

Distribution of microsomal epoxide hydrolase and glutathione S-transferase in the rat olfactory mucosa: relevance to distribution of lesions caused by systemically-administered olfactory toxicants.

Role of lipopolysaccharide and tumor necrosis factor-alpha in induction of hepatocyte necrosis.

In utero 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) alters reproductive morphology and function in female rat offspring.

H-ras oncogene mutation spectra in B6C3F1 and C57BL/6 mouse liver tumors provide evidence for TCDD promotion of spontaneous and vinyl carbamate-initiated liver cells.

Sensitization to x-rays by sodium arsenite or heat in normal cells and in cells with an induced tolerance for heat and arsenite.

Spin trapping endogenous radicals in MC-1010 cells: evidence for hydroxyl radical and carbon-centered ascorbyl radical adducts.

Large secretory structures at the cell surface imaged with scanning force microscopy.

Human hepatoma cell mutant defective in cell surface protein trafficking.

Integrin-mediated tyrosine phosphorylation and cytokine message induction in monocytic cells. A possible signaling role for the Syk tyrosine kinase.

Identification of a 120-kDa protein associated with aromatic hydrocarbon receptor nuclear translocator.

The Ah receptor recognizes DNA binding sites for the B cell transcription factor, BSAP: a possible mechanism for dioxin-mediated alteration of CD19 gene expression in human B lymphocytes.

Morphology of ras-transformed cells becomes apparently normal again with tyrosine kinase inhibitors without a decrease in the ras-GTP complex.

Dioxin induces localized, graded changes in chromatin structure: implications for Cyp1A1 gene transcription.

Radiosyntheses of labeled beta-pseudothymidine ([C-11]- and [H-3]methyl) and its biodistribution and metabolism in normal and tumored mice.

Herbimycin A inhibits phorbol ester-induced morphologic changes, adhesion, and megakaryocytic differentiation of the leukemia cell line, MEG-01.

Immunomodulatory effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin tested by the popliteal lymph node assay.

Promotion of N-nitrosodimethylamine-initiated mouse lung tumors following single or multiple low dose exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Inhibition of apoptosis during 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated tumour promotion in rat liver.

Aneugenic effect of sodium arsenite on human lymphocytes in vitro: an individual susceptibility effect detected.

Phorbol ester stimulated cathepsin L expression in U937 cells.

Adipose tissue concentrations of dioxins and dibenzofurans in patients with malignant lymphoproliferative diseases and in patients without a malignant disease.

Dioxin--an analysis of the major human studies: comparison with animal-based cancer risks.

Hypoxia-induced vascular endothelial growth factor expression in normal rat astrocyte cultures.

Mechanism of high K⁺ and TI⁺ uptake in cultured human glioma cells.

Alternative models for low dose-response analysis of biochemical and immunological endpoints for tetrachlorodibenzo-p-dioxin.

Effect of a negative regulatory element (NRE) on the human CYP1A1 gene expression in breast carcinoma MCF-7 and hepatoma HepG2 cells.

The role of protein kinase in human synovial fibroblast growth.

An inward rectifier K⁺ current modulates in neuroblastoma cells the tyrosine phosphorylation of the pp125FAK and associated proteins: role in neuritogenesis.

Neonatal lethality associated with respiratory distress in mice lacking cytochrome P450 1A2.

Spreading and focal contact formation of human melanoma cells in response to the stimulation of both melanoma-associated proteoglycan (NG2) and alpha 4 beta 1 integrin.

Immune system impairment and hepatic fibrosis in mice lacking the dioxin-binding Ah receptor.

Enhancement of the stress response by low concentrations of arsenite in arsenite-pretreated Reuber H35 hepatoma cells.

Hepatic microsomal ethoxyresorufin O-deethylase-inducing potency in ovo and cytosolic Ah receptor binding affinity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: comparison of four avian species.

Subchronic dose-response study of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats.

Human macrophages acquire a hyporesponsive state of tumor necrosis factor alpha production in response to successive Mycobacterium avium serovar 4 stimulation.

Apoptosis: the in vivo mechanism which mediates spontaneous AK-5 tumor regression.

Identity and pathogenesis of stomach tumors in Sprague-Dawley rats associated with the dietary administration of butachlor.

A study of the mechanism of butachlor-associated gastric neoplasms in Sprague-Dawley rats.

Direct tumorigenic conversion of human gallbladder carcinoma cells by v-src but not by activated c-H-ras oncogene.

[Epidemiological risk assessment for chemical substances].

Workers' response to risk notification.

Formation of 8-hydroxydeoxyguanosine in calf thymus DNA treated in vitro with phenylhydroquinone, the major metabolite of O-phenylphenol.

Presentation of cartilage proteoglycan to a T cell hybridoma derived from a mouse with proteoglycan-induced arthritis.

IS RTP Council comments regarding "a public health and regulatory perspective on risk of dioxin-like compounds". Submitted on behalf of IS RTP Council.

Environmental and dietary estrogens and human health: is there a problem?

Enzyme induction by L-buthionine (S,R)-sulfoximine in cultured mouse hepatoma cells.

Evidence for two functionally distinct forms of the human Ah receptor.

Synthesis, topoisomerase I inhibitory activity, and in vivo evaluation of 11-azacampthotecin analogs.

Variation in the expression and/or phosphorylation of the human low molecular weight stress protein during in vitro cell differentiation.

Scrapie prions selectively modify the stress response in neuroblastoma cells.

Suppression of cytochrome P450 (Cyp1a-1) induction in mouse hepatoma Hepa-1C1C7 cells by methoxsalen.

Liver tumour promoting activity of 3,4,5,3',4'-pentachlorobiphenyl and its interaction with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Possible involvement of the Ah receptor in the induction of cytochrome P-450IA1 under conditions of hydrodynamic shear in microcarrier-attached hepatoma cell lines.

Treatment of Philadelphia-chromosome-positive human leukemia in SCID mouse model with herbimycin A, bcr-abl tyrosine kinase activity inhibitor.

Cancer incidence and dioxin exposure.

Orientation of the heterodimeric aryl hydrocarbon (dioxin) receptor complex on its asymmetric DNA recognition sequence.

Dioxin contamination in Seveso: the social tragedy and the scientific challenge.

A cytokeratin 8-like protein with plasminogen-binding activity is present on the external surfaces of hepatocytes, HepG2 cells and breast carcinoma cell lines.

[Multiple palmoplantar keratoses, basalomas and porocarcinomas after arsenic therapy].

Resistance of melanoma cell lines to interferons correlates with reduction of IFN-induced tyrosine phosphorylation. Induction of the anti-viral state by IFN is prevented by tyrosine kinase inhibitors.

Identification of domains of poly(ADP-ribose) polymerase for protein binding and self-association.

Expression of de-N-acetyl-gangliosides in human melanoma cells is induced by genistein or nocodazole.

Onco-fetal/laminin-binding collagen from colon carcinoma: detection of new sequences.

Activation of casein kinase II in ML-1 human myeloblastic leukemia cells requires IGF-1 and transferrin.

Comparison of expression of aldehyde dehydrogenase 3 and CYP1A1 in dominant and recessive aryl hydrocarbon hydroxylase-deficient mutant mouse hepatoma cells.

A novel application of a competitive binding model in dioxin risk assessment.

Enrichment with arachidonic acid increases the sensitivity of hepatoma cells to the cytotoxic effects of oxidative stress.

2,3,7,8-Tetrachlorodibenzo-p-dioxin: molecular mechanism of carcinogenesis and its implication in human in vitro model.

Effect of epidermal growth factor on cadherin-mediated adhesion in a human oesophageal cancer cell line.

1-beta-D-arabinofuranosylcytosine activates tyrosine phosphorylation of p34cdc2 and its association with the Src-like p56/p53lyn kinase in human myeloid leukemia cells.

Role of protein kinase C activation in synthesis of complement components C2 and factor B in interferon-gamma-stimulated human fibroblasts, glioblastoma cell line A172 and monocytes.

Identification of 3'-methoxy-4'-nitroflavone as a pure aryl hydrocarbon (Ah) receptor antagonist and evidence for more than one form of the nuclear Ah receptor in MCF-7 human breast cancer cells.

The effects of acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on glioma-specific cytotoxic T-cell activity in Fischer 344 rats.

Non-Hodgkin's lymphoma.

Renal tumorigenicity of 1,1-dichloroethene in mice: the role of male-specific expression of cytochrome P450 2E1 in the renal bioactivation of 1,1-dichloroethene.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on growth factor expression in the human breast cancer cell line MCF-7.

Sodium arsenite induces chromosome endoreduplication and inhibits protein phosphatase activity in human fibroblasts.

Induction of preneoplastic lesions by sodium arsenite in human fetal respiratory epithelia in organ culture.

Genotoxicity of two arsenic compounds in germ cells and somatic cells of *Drosophila melanogaster*.

Colonic protein fermentation and promotion of colon carcinogenesis by thermolyzed casein.

Characterization of sugar receptor expression by neoglycoproteins in oral and oropharyngeal squamous cell carcinomas.

[The kinetics of rhodamine 123 efflux from cells with multiple drug resistance under the action of energy metabolism inhibitors].

Modulation of gene expression and endocrine response pathways by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds.

Human cytochromes P4501A1 and P4501A2: R-warfarin metabolism as a probe.

Receptor-mediated toxicity.

Interleukin-1 beta induces interstitial collagenase gene expression and protein secretion in renal mesangial cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits DNA synthesis in rat primary hepatocytes.

Receptor-mediated events and the evaluation of the Environmental Protection Agency (EPA) of dioxin risks.

Lipopolysaccharide inhibits rat ovarian thecal-interstitial cell steroid secretion in vitro.

Response of [Ah] battery genes to compounds that protect against menadione toxicity.

Inhibition of tumor necrosis factor activity fails to restore 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced suppression of the antibody response to sheep red blood cells.

Selective depletion of cyclin-dependent kinases is associated with Fas-mediated apoptosis in human leukemia T-cell lines.

Kinetics of plasma membrane and mitochondrial alterations in cells undergoing apoptosis.

Possible mechanisms for PhIP-DNA adduct formation in the mammary gland of female Sprague-Dawley rats.

Evaluation of the significance of polyamines and their oxidases in the aetiology of human cervical carcinoma.

Down-regulation of tumor necrosis factor receptors by blockade of mitochondrial respiration.

Tumor necrosis factor alpha increases tyrosine phosphorylation of a 23-kDa nuclear protein in U937 cells through ceramide signaling pathway.

Diffusible cytotoxic metabolites contribute to the in vitro bystander effect associated with the cyclophosphamide/cytochrome P450 2B1 cancer gene therapy paradigm.

The involvement of protein tyrosine kinase activity in a tumor necrosis factor resistance mechanism.

Differential proteolytic processing leads to multiple forms of the CA protein in avian sarcoma and leukemia viruses.

Inhibition of gap junctional intercellular communication by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rat hepatocytes.

Interactions of polychlorinated dibenzo-p-dioxin, dibenzofuran, and biphenyl congeners for producing rainbow trout early life stage mortality.

Electrophile and antioxidant regulation of enzymes that detoxify carcinogens.

Increased cytotoxicity of 3-morpholinopyridone to HepG2 cells in the presence of superoxide dismutase. Role of hydrogen peroxide and iron.

Adipose-tissue concentrations of dioxins and dibenzofurans in potentially exposed patients with malignant-lymphoma or sarcoma.

Cytoskeletal regulation of Caco-2 intestinal monolayer paracellular permeability.

Enhanced phosphorylation of nuclear 21-kDa and 34-kDa proteins in hepatoma cell death induced by tumor-necrosis factor-alpha.

Identification of the major phosphorylation sites in human C5a anaphylatoxin receptor in vivo.

Xenobiotic metabolism in humans during early pregnancy: peroxidase-mediated oxidation and bioactivation of 2-aminofluorene.

Cyclophosphamide: review of its mutagenicity for an assessment of potential germ cell risks.

Modifying role of trace elements on the mutagenicity of benzo[a]pyrene.

Inhibitory effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on rat hepatocyte proliferation induced by 2/3 partial hepatectomy.

Effect of stereochemistry on the oxidative metabolism of the cyclophosphamide metabolite aldophosphamide.

Levels of pollutants and their metabolites: exposures to organic substances.

Inhibition of tumor necrosis factor alpha- and ceramide-induced internucleosomal DNA fragmentation by herbimycin A in U937 cells.

Toxicological potency of 2,3,7,8-tetrachlorodibenzo-p-dioxin relative to 100 other compounds: a relative potency analysis of in vitro and in vivo test data.

Cytochromes P450 in cynomolgus monkeys mutagenically activate 2-amino-3-methylimidazo[4,5-f]quinoline (IQ) but not 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline (MeIQx).

Inhibitors of protein tyrosine kinase suppress TNF-stimulated induction of endothelial cell adhesion molecules.

Mutagens from heated Chinese and U.S. cooking oils.

Rat CYP1B1: an adrenal cytochrome P450 that exhibits sex-dependent expression in livers and kidneys of TCDD-treated animals.

TCDD reduces rat hepatic epidermal growth factor receptor: comparison of binding, immunodetection, and autophosphorylation.

A novel type of cell death of lymphocytes induced by a monoclonal antibody without participation of complement.

Alterations in thyroid function in female Sprague-Dawley rats following chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

A metabolite of carcinogenic 2-acetylaminofluorene, 2-nitrosofluorene, induces redox cycling in mitochondria.

Hypoxia-mediated induction of acidic/basic fibroblast growth factor and platelet-derived growth factor in mononuclear phagocytes stimulates growth of hypoxic endothelial cells.

Potency of mixtures of polychlorinated biphenyls as inducers of dioxin receptor-regulated CYP1A activity in rat hepatocytes and H4IIE cells.

Ethanol ingestion on allylamine-induced experimental subendocardial fibrosis.

Cytokine-induced E-selectin expression by human umbilical vein endothelial cells (HUVEC). A role for protein tyrosine kinases?

Metaanalysis of 4 Swedish case-control studies on exposure to pesticides as risk-factor for soft-tissue sarcoma including the relation to tumor-localization and histopathological type.

A human erythrocyte-derived growth-promoting factor with a wide target cell spectrum: identification as catalase.

Proportionate mortality study of Vietnam-era veterans of Michigan.

Dioxin activates HIV-1 gene expression by an oxidative stress pathway requiring a functional cytochrome P450 CYP1A1 enzyme.

Suppression of cytotoxic T lymphocyte activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin occurs in vivo, but not in vitro, and is independent of corticosterone elevation.

Transformation by v-erb-B - induction of apoptosis is abrogated in a myeloid cell-line.

Regulation of interleukin-8 production in a human colon epithelial cell line (HT-29).

Cytotoxic effects of several hopanoids on mouse leukemia L1210 and P388 cells.

Differential toxicities of cyclophosphamide and its glutathione metabolites to A549 cells.

CYP1 induction, binding to the hepatic aromatic hydrocarbon receptor and mutagenicity of a series of 11-alkoxy cyclopenta[a]phenanthren-17-ones: a structure activity relationship.

Synthesis, Structure of Nitrogen-Containing Phosphinogold(I) Ferrocenes. In vitro Activity against Bladder and Colon Carcinoma Cell Lines.

The influence of ascorbic acid on the hepatic cytochrome P-450, and glutathione in guinea-pigs exposed to 2,4-dichlorophenol.

Tumor necrosis factor-alpha production induced by viruses and by lipopolysaccharides in macrophages: similarities and differences.

Toxicology of methyl bromide.

Atypical apoptotic cell death induced in L929 targets by exposure to tumor necrosis factor.

Selective increase of rat lung cytochrome P450 1A1 dependent monooxygenase activity after acute sodium arsenite administration.

Production of tumor necrosis factor induced by synthetic low-toxicity lipid A analog, DT-5461a, is mediated by LPS receptor sites and tyrosine kinase-MAP kinase signaling pathway in murine macrophages.

Tyrosine kinase inhibitors potentiate the induction of low density lipoprotein receptor gene expression by hepatocyte growth factor.

"Farming and prostate cancer mortality".

Comparison of the toxicity of cinnamaldehyde when administered by microencapsulation in feed or by corn oil gavage.

Factors affecting mammary tumor incidence in chlorotriazine-treated female rats: hormonal properties, dosage, and animal strain.

Metabolism and genotoxicity of the halogenated alkyl compound tris(2,3-dibromopropyl)phosphate.

Molecular analysis of bivalve tumors: models for environmental/genetic interactions.

Ifosfamide metabolite chloroacetaldehyde causes Fanconi syndrome in the perfused rat kidney.

Primary and immortalized (BEAS 2B) human bronchial epithelial cells have significant antioxidative capacity in vitro.

Application of the kinetic of RNA synthesis on Hep 3B cells. Study of the medium-term cytotoxicity of atrazine.

Arsenic-related Bowen's disease and paraquat-related skin cancerous lesions show no detectable ras and p53 gene alterations.

Chronic effects of atrazine on estrus and mammary tumor formation in female Sprague-Dawley and Fischer 344 rats.

Role of active oxygen species in DNA damage by pentachlorophenol metabolites.

Assay of linuron and a pesticide mixture commonly found in the Italian diet, for promoting activity in rat liver carcinogenesis.

Paraquat induces irreversible actin cytoskeleton disruption in cultured human lung cells.

Mortality and cancer morbidity of Finnish chlorophenoxy herbicide applicators: an 18-year prospective follow-up.

Retrospective assessment of exposure through modeling in a study on cancer risks among workers exposed to phenoxy herbicides, chlorophenols and dioxins.

Oxidative mutagens induce intrachromosomal recombination in yeast.

Differential proliferative responses of Syrian hamster embryo fibroblasts to paraquat-generated superoxide radicals depending on tumor suppressor gene function.

Remodeling of the alveolar structure in the paraquat lung of humans: a morphometric study.

Studies on the mechanism of the carcinogenic activity of amitrole.

Diagnosis and treatment of soft tissue sarcomas in adults.

Defence capacity modulation of human hepatoma cell line Hep 3B by three pesticides.

Re: "Role of the herbicide atrazine in the development of non-Hodgkin's lymphoma" by S Hoar Zahm, DD Weisburger, KP Kantor, FF Holmes, A Blair. *Scand J Work Environ Health* 1993; 19:108-14.

Occupational risk factors for renal-cell carcinoma in Denmark.

Pathobiological effects of acetaldehyde in cultured human epithelial cells and fibroblasts.

Neurologic health outcomes and Agent Orange: Institute of Medicine report.

Exposure to phenoxyacetic acids, chlorophenols, or organic solvents in relation to histopathology, stage, and anatomical localization of non-Hodgkin's lymphoma.

Effect of ethanol on paraquat toxicity in F344 rats.

Canine exposure to herbicide-treated lawns and urinary excretion of 2,4-dichlorophenoxyacetic acid.

Non-Hodgkin's lymphoma and agricultural practices in the prairie provinces of Canada.

Risk of testicular cancer associated with surrogate measures of Agent Orange exposure among Vietnam veterans on the Agent Orange Registry.

Agent Orange and Seveso: no end in sight.

Direct detection of the intracellular formation of carboxyphosphamides using nuclear magnetic resonance spectroscopy.

Environmental behavior of bentazon herbicide.

Influence of the herbicide Linuron on growth rate and gap-junctional intercellular communication of cultured endothelial cells.

Free radicals in the pathophysiology of pulmonary injury and disease.

Ethanol-induced reduction of the amount of stimulatory GTP-binding regulatory protein, Gs, in wild-type S49 murine lymphoma cells: effect of cycloheximide and puromycin.

Role of hydrogen peroxide in hypoxia-induced erythropoietin production.

Short-term effects of chlorotriazines on estrus in female Sprague-Dawley and Fischer 344 rats.

Activation of the liver carcinogen 2-nitropropane by aryl sulfotransferase.

[Changes in the concentrations of chlornitrofen (CNP) and CNP-amino in river and faucet water in Niigata, Japan].

The pentachlorophenol metabolite tetrachloro-p-hydroquinone induces the formation of 8-hydroxy-2-deoxyguanosine in liver DNA of male B6C3F1 mice.

Characterization of polyamine transport in rat aortic smooth muscle cells.

Detection of exocyclic 1,N2-propanodeoxyguanosine adducts as common DNA lesions in rodents and humans.

Strong intensification of mouse hepatic tamoxifen DNA adduct formation by pretreatment with the sulfotransferase inhibitor and ubiquitous environmental pollutant pentachlorophenol.

Aldose reductase-catalyzed reduction of acrolein: implications in cyclophosphamide toxicity.

The role of sulfation and/or acetylation in the metabolism of the cooked-food mutagen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in *Salmonella typhimurium* and isolated rat hepatocytes.

Genotoxicity of the alkenylbenzenes alpha- and beta-asarone, myristicin and elimicin as determined by the UDS assay in cultured rat hepatocytes.

Detoxication of base propenals and other alpha, beta-unsaturated aldehyde products of radical reactions and lipid peroxidation by human glutathione transferases.

Suspension-mediated induction of Hepa 1c1c7 Cyp1a-1 expression is dependent on the Ah receptor signal transduction pathway.

Hepatocyte growth factor/scatter factor induces tyrosine phosphorylation of focal adhesion kinase (p125FAK) and promotes migration and invasion by oral squamous cell carcinoma cells.

Characterization of a thioredoxin-related surface protein.

Indolo[3,2-b]carbazole: a dietary-derived factor that exhibits both antiestrogenic and estrogenic activity.

Inhibition of intercellular communication by 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like PCBs in mouse hepatoma cells (Hepa1c1c7): involvement of the Ah receptor.

The importance of biological realism in dioxin risk assessment models.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on estrogen metabolism in MCF-7 breast cancer cells: evidence for induction of a novel 17 beta-estradiol 4-hydroxylase.

Patterns of tyrosine phosphorylation differ in vascular hypertrophy and hyperplasia.

Transformation by v-src causes transient induction followed by repression of mouse thrombospondin-1.

Characterization of a triple opioid system in the human neuroblastoma NMB cell line.

Concomitant increases in galectin-1 and its glycoconjugate ligands (carcinoembryonic antigen, lamp-1, and lamp-2) in cultured human colon carcinoma cells by sodium butyrate.

Growth of erythroid colonies in chronic myelogenous leukemia is independent of erythropoietin only in the presence of steel factor.

Transcriptional activation function of the mouse Ah receptor nuclear translocator.

Effect of arsenic exposure on alveolar macrophage function. I. Effect of soluble as(III) and as(V).

In vivo antitumor activity of herbimycin A, a tyrosine kinase inhibitor, targeted against BCR/ABL oncoprotein in mice bearing BCR/ABL-transfected cells.

Acycloguanosine and herbimycin A co-operatively inhibit proliferation and induce erythrodifferentiation of human myeloid leukemia K562 cells.

Mammalian toxicology of organophosphorus pesticides.

Identification of nondisulfided pro alpha 1 (IV) chain produced by cultured B16 melanoma cells.

Effect of aldonic acids on the uptake of ascorbic acid by 3T3 mouse fibroblasts and human T lymphoma cells.

Stressor-specific induction of heat shock proteins in rat hepatoma cells.

Polysaccharides in Fungi. XXXIV. A polysaccharide from the fruiting bodies of Amanita muscaria and the antitumor activity of its carboxymethylated product.

The mechanism of dioxin toxicity: relationship to risk assessment.

[Erythropoietin].

Integrin alpha v beta 3 differentially regulates adhesive and phagocytic functions of the fibronectin receptor alpha 5 beta 1.

The role of DNA damage in the resistance of human chronic myeloid leukemia cells to cyclophosphamide analogues.

TCDD carcinogenicity in humans.

Tyrosine kinase activation by Newcastle disease virus is required for TNF-alpha gene induction in astrocytes.

Mechanisms of resistance to ansamycin antibiotics in human breast cancer cell lines.

Regulation of [Ah] gene battery enzymes and glutathione levels by 5,10-dihydroindeno[1,2-b]indole in mouse hepatoma cell lines.

Hypothesis for mammary tumorigenesis in Sprague-Dawley rats exposed to certain triazine herbicides.

Can cohort studies detect any human cancer excess that may result from exposure to dioxin? Maybe.

Selective closure of the vascular bed of an experimental glioma model during in situ saline perfusion.

Established IL-2-dependent double-negative (CD4- CD8-) TCR alpha beta/CD3+ ATL cells: induction of CD4 expression.

Possible functional groups responsible for inhibition of in vivo angiogenesis by herbimycin A.

Evidence for involvement of tyrosine phosphorylation in taxol-induced apoptosis in a human ovarian tumor cell line.

Competitive inhibition by genistein and ATP dependence of daunorubicin transport in intact MRP overexpressing human small cell lung cancer cells.

Comparative in vitro effects of sodium arsenite and sodium arsenate on neuroblastoma cells.

Possible role of tyrosine kinase activity in interleukin 4-induced expression of germ-line C epsilon transcripts in a human Burkitt lymphoma B-cell line, DND39.

Role of tyrosine phosphorylation in matrix-induced neurite outgrowth in human neuroblastoma cells.

2-Phenylphenanthridinone and related compounds: aryl hydrocarbon receptor agonists and suicide inactivators of P4501A1.

Interactive regulation of Ah and glucocorticoid receptors in the synergistic induction of cleft palate by 2,3,7,8-tetrachlorodibenzo-p-dioxin and hydrocortisone.

Free radical formation by ansamycin benzoquinone in human breast tumor cells: implications for cytotoxicity and resistance.

Survey of health and use characterization of pesticide applicators in Minnesota.

Hypoxic stimulation of vascular endothelial growth factor expression in vitro and in vivo.

Mortality among workers of three thermoelectric power plants in northern Italy: a retrospective cohort study.

Detection of apoptosis in leukemic and breast cancer cells with monoclonal antibody to single-stranded DNA.

Inhibition of heat shock protein HSP90-pp60v-src heteroprotein complex formation by benzoquinone ansamycins: essential role for stress proteins in oncogenic transformation.

Modulation of nucleocytosolic [Ca²⁺] gradient in smooth muscle by protein phosphorylation.

Alteration of intracellular Ca²⁺ transients in COS-7 cells transfected with the cDNA encoding skeletal-muscle ryanodine receptor carrying a mutation associated with malignant hyperthermia.

Acute inflammatory response to sheep red blood cells in mice treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin: the role of proinflammatory cytokines, IL-1 and TNF.

Regulation of chemical stress-induced hsp70 gene expression in murine L929 cells.

Deaths from primary brain cancers, lymphatic and haematopoietic cancers in agricultural workers in the Republic of Ireland.

Study of the effector mechanism involved in the production of haemorrhagic necrosis of the small intestine in rat passive anaphylaxis.

Cancer incidence and mortality among Swedish leather tanners.

Inhibition of estrogen-induced progesterone receptor in MCF-7 human breast cancer cells by aryl hydrocarbon (Ah) receptor agonists.

Erythropoietin increases hemoglobin during radiation therapy for cervical cancer.

Inhibition of 7,12-dimethylbenzanthracene-induced rat mammary tumor growth by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Activation of protein kinase C down-regulates leukotriene C4 synthase activity and attenuates cysteinyl leukotriene production in an eosinophilic substrain of HL-60 cells.

Aberrant CYP1A1 induction: discrepancy of CYP1A1 mRNA and aryl hydrocarbon hydroxylase activity in mutant cells of mouse hepatoma line, Hepa-1.

Interaction of 2,3,7,8-tetrachlorodibenzo-p-dioxin and retinoic acid in MCF-7 human breast cancer cells.

Morbidity follow up study of BASF employees exposed to 2,3,7, 8-tetrachlorodibenzo-p-dioxin (TCDD) after a 1953 chemical reactor incident.

Accelerated degradation of 160 kDa epidermal growth factor (EGF) receptor precursor by the tyrosine kinase inhibitor herbimycin A in the endoplasmic reticulum of A431 human epidermoid carcinoma cells.

Conversion of epidermal growth factor (EGF) into a stimulatory ligand for A431-cell growth by herbimycin A by decreasing the level of expression of EGF receptor.

Characterization of type II and type XI collagen synthesis by an immortalized rat chondrocyte cell line (IRC) having a low level of type II collagen mRNA expression.

Fc epsilon RI-stimulated Ca(2+)-dependent secretion from rat basophilic leukemia (RBL-2H3) cells permeabilized with Staphylococcal alpha-toxin: Fc epsilon RI-operated signals are not mimicked by the actions of GTP gamma S.

Increased in vitro tumour necrosis factor-alpha production in iron deficiency anemia.

Effect of ethanol and sodium arsenite on HSP-72 formation and on survival in a murine endotoxin model.

Dioxin effects.

Tyrosine kinase inhibitor-induced differentiation of K-562 cells: alterations of cell cycle and cell surface phenotype.

Apoptosis and chemical carcinogenesis.

Effects of 2,3,7,8-tetrachloro- and 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin on the proliferation of preneoplastic liver cells in the rat.

A method for the high-level expression of a parathyroid hormone analog in Escherichia coli.

Carcinogenesis and initiation of cell cycling by charge-induced membrane clusters may be due to mitogen receptors and Na⁺/H⁺ antiports.

The function of heat-shock proteins in stress tolerance.

Dexamethasone, beta-estradiol, and 2,3,7,8-tetrachlorodibenzo-p-dioxin elicit thymic atrophy through different cellular targets.

CD40 signaling pathway: anti-CD40 monoclonal antibody induces rapid dephosphorylation and phosphorylation of tyrosine-phosphorylated proteins including protein tyrosine kinase Lyn, Fyn, and Syk and the appearance of a 28-kD tyrosine phosphorylated protein.

An increased percentage of long amyloid beta protein secreted by familial amyloid beta protein precursor (beta APP717) mutants.

Human NAD(P)H:quinone oxidoreductase2. Gene structure, activity, and tissue-specific expression.

Antiestrogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on 17 beta-estradiol-induced pS2 expression.

Depletion of the erbB-2 gene product p185 by benzoquinoid ansamycins.

Restoration of aryl hydrocarbon (Ah) responsiveness in MDA-MB-231 human breast cancer cells by transient expression of the estrogen receptor.

Short and long term effects of cytoskeleton-disrupting drugs on cytochrome P450 Cyp1a-1 induction in murine hepatoma 1c1c7 cells: suppression by the microtubule inhibitor nocodazole.

[SMANCS/lipiodol].

ONO-4007, a new synthetic lipid A derivative, induces differentiation of rat myelomonocytic leukemia cells in vitro and in vivo.

Internalization and degradation of monoclonal antibody chCE7 by human neuroblastoma cells.

Action of dietary trypsin, pressed coffee oil, silymarin and iron salt on 1,2-dimethylhydrazine tumorigenesis by gavage.

Opening of large-conductance calcium-activated potassium channels by the substituted benzimidazolone NS004.

Leukemia mortality and farming in the prairie provinces of Canada.

Tumor-promoting effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and phenobarbital in initiated weanling Sprague-Dawley rats: a quantitative, phenotypic, and ras p21 protein study.

Photoaffinity labeling of the Ah receptor with 3-[3H]methylcholanthrene and formation of a 165-kDa complex between the ligand-binding subunit and a novel cytosolic protein.

2,3,7,8-Tetrachlorodibenzo-p-dioxin versus 3-methylcholanthrene: comparative studies of Ah receptor binding, transformation, and induction of CYP1A1.

Benzo[a]pyrene-resistant MCF-7 human breast cancer cells. A unique aryl hydrocarbon-nonresponsive clone.

Cell proliferation status, cytokine action and protein tyrosine phosphorylation modulate leukotriene biosynthesis in a basophil leukaemia and a mastocytoma cell line.

Leukemia and brain tumors in Norwegian railway workers, a nested case-control study.

Co-expression of human CYP1A1 and a human analog of cytochrome P450-EF in response to 2,3,7,8-tetrachloro-dibenzo-p-dioxin in the human mammary carcinoma-derived MCF-7 cells.

A cellular factor stimulates ligand-dependent release of hsp90 from the basic helix-loop-helix dioxin receptor.

Expression of heme oxygenase in arsenic-resistant human lung adenocarcinoma cells.

Induction of heat-shock protein synthesis and thermotolerance in EL-4 ascites tumor cells by transient ATP depletion after ischemic stress.

Suppression of TCDD-induced cytochrome P450 IA1 activity by staurosporine in mouse primary hepatocyte cultures and hepatoma cells.

Receptor-mediated binding of IgE-sensitized rat basophilic leukemia cells to antigen-coated substrates under hydrodynamic flow.

PCB and dioxin re-entry criteria for building surfaces and air.

Conformation dependence of integrin-type II collagen binding. Inability of collagen peptides to support alpha 2 beta 1 binding, and mediation of adhesion to denatured collagen by a novel alpha 5 beta 1-fibronectin bridge.

Y2 receptors for neuropeptide Y are coupled to three intracellular signal transduction pathways in a human neuroblastoma cell line.

Is dioxin a human carcinogen? (continued).

Potent activation of phospholipase D by phenylarsine oxide in rat basophilic leukemia (RBL-2H3) cells.

Clofazimine alters the energy metabolism and inhibits the growth rate of a human lung-cancer cell line in vitro and in vivo.

Effects of herbimycin A and ST638 on Fc epsilon receptor-mediated histamine release and Ca²⁺ signals in rat basophilic leukemia (RBL-2H3) cells.

The human CYP1A2 gene and induction by 3-methylcholanthrene. A region of DNA that supports AH-receptor binding and promoter-specific induction.

Inhibition of pro-cholecystokinin (CCK) sulfation by treatment with sodium chlorate alters its processing and decreases cellular content and secretion of CCK 8.

Effects of herbimycin A and its derivatives on growth and differentiation of Ph1-positive acute lymphoid leukemia cell lines.

Promotion of preneoplastic foci in rat liver with 2,3,7,8-tetrachlorodibenzo-p-dioxin, 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin and a defined mixture of 49 polychlorinated dibenzo-p-dioxins.

Characterization and modulation of drug transport kinetics in K562 c1.6 daunorubicin-resistant cell line.

Effect of herbimycin A, an inhibitor of tyrosine kinase, on protein tyrosine kinase activity and phosphotyrosyl proteins of Ph1-positive leukemia cells.

Regulation of human dioxin receptor function by indolocarbazoles, receptor ligands of dietary origin.

On the formation of neuromata in the primary olfactory projection.

Residue at position 331 in the IgG1 and IgG4 CH2 domains contributes to their differential ability to bind and activate complement.

Human interleukin-3 stimulates a phosphatidylcholine specific phospholipase C and protein kinase C translocation.

Heat shock glycoprotein GP50: product of the retinoic acid-inducible J6 gene.

Regulation of the BZLF1 promoter of Epstein-Barr virus by second messengers in anti-immunoglobulin-treated B cells.

alpha-Fucose-mediated binding and degradation of tissue-type plasminogen activator by HepG2 cells.

Gasoline, asbestos, and dioxin.

A toxic equivalency factor scale for polychlorinated dibenzofurans.

Ca(2+)-calmodulin-dependent phosphorylation of arginine in histone 3 by a nuclear kinase from mouse leukemia cells.

Isolation of a cDNA clone specifying rat chaperonin 10, a stress-inducible mitochondrial matrix protein synthesised without a cleavable presequence.

High passage T47D human breast cancer cells: altered endocrine and 2,3,7,8-tetrachlorodibenzo-p-dioxin responsiveness.

Reversal agent inhibition of the multidrug resistance pump in human leukemic lymphoblasts.

Modulating effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on skin carcinogenesis initiated by the weak inducer 7,12-dimethylbenz(a)anthracene.

2,3,7,8-Tetrachlorodibenzo-p-dioxin as growth modulator in mouse hepatocytes with high and low affinity Ah receptor.

Dose-response relationship in multistage carcinogenesis: promoters.

Multiple mechanisms are responsible for altered expression of gap junction genes during oncogenesis in rat liver.

Transforming growth factor-beta 1 inhibits TCDD-induced cytochrome P450IA1 expression in human lung cancer A549 cells.

Carcinogenicity of TCDD: experimental, mechanistic, and epidemiologic evidence.

Polychlorinated biphenyls (PCBs): environmental impact, biochemical and toxic responses, and implications for risk assessment.

Molecular basis of dioxin actions on rodent and human target tissues.

A model of effects of TCDD on expression of rat liver proteins.

Dose-response and risk assessment considerations for receptor-mediated effects: case study with a TCDD hepatic tumor promotion model.

Rat fibrosarcoma as a source of stable co-polymer of type I and type III collagens.

Thyroid hormones and regulation of cell reliability systems.

The rice culture filtrate of *Bacillus cereus* isolated from emetic-type food poisoning causes mitochondrial swelling in a HEp-2 cell.

Tumor necrosis factor involvement in the toxicity of TCDD: the role of endotoxin in the response.

Hodgkin's and non-Hodgkin's lymphomas.

Mechanisms of chemical injury of thyroid gland.

A targeting model of boron neutron-capture therapy to hepatoma cells in vivo with a boronated anti-(alpha-fetoprotein) monoclonal antibody.

Could the cytokeratin molecule be modulated during tumor transformation in hepatocellular carcinoma?

NTP Toxicology and Carcinogenesis Studies of 4,4'-Thiobis(6-*t*-butyl-*m*-cresol) (CAS No. 96-69-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Inhibition of protein tyrosine phosphorylation prevents T-cell-mediated cytotoxicity.

Congener-specific levels of dioxins and dibenzofurans in U.S. food and estimated daily dioxin toxic equivalent intake.

Influence of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD) on TNF- α levels in the skin of congenic haired and hairless mice.

Induction in vitro of 72-kD heat shock protein in a continuous culture of rat thyroid cells, FRTL5.

Expression of the multidrug resistance associated protein and P-glycoprotein in doxorubicin-selected human myeloid leukemia cells.

Genistein reduces tumor necrosis factor α -induced plasminogen activator inhibitor-1 transcription but not urokinase expression in human endothelial cells.

Phorbol ester tumor promoter regulation of natural antitumor antibody binding depends on protein kinase C and an intact microfilament system.

Characterisation of oxidative injury to an intestinal cell line (HT-29) by hydrogen peroxide.

Heat shock-induced cell death in murine microvascular endothelial cells depends on priming with tumor necrosis factor-alpha or interferon-gamma.

Identification of a biochemical lesion, and characteristic response to lipopolysaccharide (LPS) of a cultured macrophage-like cell mutant with defective LPS-binding.

Comparative mutagenicity of chemicals selected for test in the International Program on Chemical Safety's collaborative study on plant systems for the detection of environmental mutagens.

Kaempferol-induced nuclear DNA damage and lipid peroxidation.

Studies on intrachromosomal recombination in SP5/V79 Chinese hamster cells upon exposure to different agents related to carcinogenesis.

Pathways of heat shock protein 28 phosphorylation by TNF in human fibroblasts.

Effects of induction and age-dependent enzyme expression on lung bioavailability, metabolism, and DNA binding of urban air particulate-absorbed benzo[a]pyrene, 2-nitrofluorene, and 3-amino-1,4-dimethyl-5H-pyridol-(4,3)-indole.

Erythrocyte antioxidant enzyme activity in CMF treated breast cancer patients.

T cell receptor-induced Fas ligand expression in cytotoxic T lymphocyte clones is blocked by protein tyrosine kinase inhibitors and cyclosporin A.

Heat enhancement of cytotoxicity induced by oxidation products of spermine in Chinese hamster ovary cells.

Differential cytotoxic effects of arsenic on human and animal cells.

Crocidolite-induced reactive oxygen metabolites generation from human polymorphonuclear leukocytes.

Effect of glutathione depletion and inhibition of glucuronidation and sulfation on 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) metabolism, PhIP-DNA adduct formation and unscheduled DNA synthesis in primary rat hepatocytes.

Interaction of basic fibroblast growth factor (FGF-2) with nonresponsive HeLa cells.

Transcriptional suppression of the human T-cell leukemia virus type I long terminal repeat occurs by an unconventional interaction of a CREB factor with the R region.

A deficiency for nucleotide excision repair strongly potentiates the mutagenic effectiveness of methyl bromide in *Drosophila*.

Potential of bleomycin cytotoxicity in *Saccharomyces cerevisiae*.

Congener-specific data of polychlorinated biphenyl residues in human adipose tissue in Poland.

Mutagenicity and CYP1A induction by azobenzenes correlates with their carcinogenicity.

Ah receptor in embryonic mouse palate and effects of TCDD on receptor expression.

The anti-tumour activity of ifosfamide on heterotransplanted testicular cancer cell lines remains unaltered by the uroprotector mesna.

[Synthesis, function, and evolutionary origin of secondary metabolites produced by micro-organisms].

Leukemia inhibitory factor and nerve growth factor are retrogradely transported and processed by cultured rat sympathetic neurons.

The relationship between proteoglycan synthesis in Swarm chondrocytes and pathways of cellular energy and UDP-sugar metabolism.

Consequences of 3-methylcholanthrene-type induction for the metabolism of 4-aminobiphenyl in isolated rat hepatocytes.

Mitogen-activated protein kinases and ribosomal S6 protein kinases are involved in signaling pathways shared by interleukin-11, interleukin-6, leukemia inhibitory factor, and oncostatin M in mouse 3T3-L1 cells.

The effects of anti-TNF-alpha antibody and dexamethasone on TCDD-induced oxidative stress in mice.

Attenuation of human leukocyte adherence to endothelial cell monolayers by tyrosine kinase inhibitors.

Dietary and environmental estrogens and antiestrogens and their possible role in human disease.

NTP Toxicology and Carcinogenesis Studies of o-Benzyl-p-Chlorophenol (CAS No. 120-32-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Salmonella typhimurium strain TA100 differentiates several classes of carcinogens and mutagens by base substitution specificity.

Dioxin indictment. A growing body of research links the compound to cancer.

Aryl hydrocarbon or dioxin receptor: biologic and toxic responses.

Metabolism of dichloromethane (methylene chloride) to formaldehyde in human erythrocytes: influence of polymorphism of glutathione transferase theta (GST T1-1).

Mutation spectrum of a binary mixture of mutagens (methapyrilene and sodium azide) in strain TA1535 of Salmonella.

Organochlorine-cancer link eyed for phaseout.

The health effects of agrichemicals: herbicides and soft tissue sarcomas.

An update of mortality among chemical workers potentially exposed to the herbicide 2,4-dichlorophenoxyacetic acid and its derivatives.

[The place of pentachlorophenol in general medicinal practice].

Cancer incidence and mortality in women occupationally exposed to chlorophenoxy herbicides, chlorophenols, and dioxins.

Human pentachlorophenol poisoning.

Non-Hodgkin's lymphoma in the older person: a review.

Viral infections and chemical exposures as risk factors for hepatocellular carcinoma in Vietnam.

Seveso: disentangling the dioxin enigma?

Some occupational exposures as risk factors for malignant lymphomas.

The role of agricultural pesticide use in the development of non-Hodgkin's lymphoma in women.

Implications for the presence of transforming genes in gonadal tumors in two bivalve mollusk species.

[Do electromagnetic fields or chemicals cause cancer?].

[Some parameters of Guerin cancer growth after exposure to Pielik (sodium salt of 2,4-dichlorophenoxyacetate)].

Phenoxy herbicides, chlorophenols, soft-tissue sarcoma (STS) and malignant lymphoma.

Cancer in phenoxy herbicide manufacturing workers in Denmark, 1947-87--an update.

Pentachlorophenol carcinogenicity: extrapolation of risk from mice to humans.

Mutagenic and carcinogenic pesticides used in the agricultural environment of Gaza Strip.

A review of potential human carcinogenicity of the chlorophenoxy herbicides MCPA, MCPP, and 2,4-DP.

Effects on thyroid hormone metabolism and depletion of lung vitamin A in rats by airborne particulate matter.

Role of the herbicide atrazine in the development of non-Hodgkin's lymphoma.

Biomonitoring studies and susceptibility markers for acrolein congeners and allylic and benzyl compounds.

Oxidative stress in fish cells: in vitro studies.

Occupational exposure to phenoxy herbicides and chlorophenols and cancer mortality in The Netherlands.

Effect of diphenyl ether herbicides and oxadiazon on porphyrin biosynthesis in mouse liver, rat primary hepatocyte culture and HepG2 cells.

Renal lesions induced in F344/DuCrj rats by 4-weeks oral administration of dimethylarsinic acid.

High-dose chemotherapy-induced platelet defect: inhibition of platelet signal transduction pathways.

Patterns of pesticide use among farmers: implications for epidemiologic research.

The effect of paraquat on the radiosensitivity of melanoma cells: the role of superoxide dismutase & catalase.

[Cytokines and pulmonary fibroses].

Production of transgenic mice expressing the Ki-ras oncogene under the control of a thyroglobulin promoter.

Photobleaching of mono-L-aspartyl chlorin e6 (NPe6): a candidate sensitizer for the photodynamic therapy of tumors.

Investigation of a mechanism for Leydig cell tumorigenesis by linuron in rats.

Hydrogen peroxide as an inducer of elevated tyrosinase level in melanoma cells.

Acridine orange-mediated photodamage to cultured cells.

Effect of indomethacin, aspirin, nordihydroguaiaretic acid, and piperonyl butoxide on cyclophosphamide-induced bladder damage.

c-N-ras is activated infrequently in canine malignant lymphoma.

Identification and characterization of deoxyguanosine adducts of mutagenic beta-alkyl-substituted acrolein congeners.

Cyclophosphamide modulates rat hepatic cytochrome P450 2C11 and steroid 5 alpha-reductase activity and messenger RNA levels through the combined action of acrolein and phosphoramidate mustard.

Human studies do not support the methylation threshold hypothesis for the toxicity of inorganic arsenic.

Alteration of macrophage cytotoxicity through endogenous interferon and tumor necrosis factor alpha induction by propanil.

Evidence for predominantly paracellular transport of thyrotropin-releasing hormone across CACO-2 cell monolayers.

Imaging of activated natural killer cells in mice by positron emission tomography: preferential uptake in tumors.

Tyrphostin-induced inhibition of p210bcr-abl tyrosine kinase activity induces K562 to differentiate.

Dioxin exposure.

Kinetics and cellular localisation of putrescine uptake in human lung tissue.

Erythropoietin increases hemoglobin in cancer patients during radiation therapy.

New insight into oncoprotein-targeted antitumor effect: herbimycin A as an antagonist of protein tyrosine kinase against Ph1-positive leukemia cells.

Cancer in a young population in a dioxin-contaminated area.

Dose response for TCDD promotion of hepatocarcinogenesis in rats initiated with DEN: histologic, biochemical, and cell proliferation endpoints.

Selective induction of alpha 1 isoform of (Na⁺ + K⁺)-ATPase by insulin/insulin-like growth factor-I in cultured rat astrocytes.

70 kDa heat shock cognate protein is a transformation-associated antigen and a possible target for the host's anti-tumor immunity.

Adenocarcinoma production in rats administered 1,2-dimethylhydrazine and fed iron salt and guar gum diets.

Tumor cell heme uptake induces ferritin synthesis resulting in altered oxidant sensitivity: possible role in chemotherapy efficacy.

Expression of cathepsin B and aryl hydrocarbon hydroxylase activities, and of apolipoprotein B in human hepatoma cells maintained long-term in a serum-free medium.

Evidence for a redox-sensitive protein tyrosine kinase in nuclear factor kappa B activation and interleukin 2 production in EL4.NOB1 cells.

Ascorbigen and other indole-derived compounds from Brassica vegetables and their analogs as anticarcinogenic and immunomodulating agents.

Genistein exhibits preferential cytotoxicity to a leukemogenic variant but induces differentiation of a non-leukemogenic variant of the mouse monocytic leukemia Mm cell line.

Russuphelins B, C, D, E and F, new cytotoxic substances from the mushroom *Russula subnigrans* Hongo.

Comparing the results of a Monte Carlo analysis with EPA's reasonable maximum exposed individual (RMEI): a case study of a former wood treatment site.

Mechanism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-mediated decrease of the nuclear estrogen receptor in MCF-7 human breast cancer cells.

Peculiarities of carcinogenesis under simultaneous oral administration of benzo(a)pyrene and o-cresol in mice.

Medical hypothesis: xenoestrogens as preventable causes of breast cancer.

Induction of chromatid breaks and tetraploidy in Chinese hamster ovary cells by treatment with sodium arsenite during the G2 phase.

Chicken ovalbumin upstream promoter transcription factor (COUP-TF) binds to a peroxisome proliferator-responsive element and antagonizes peroxisome proliferator-mediated signaling.

Role of p21 RAS in p210 bcr-abl transformation of murine myeloid cells.

TCDD-mediated changes in hepatic epidermal growth factor receptor may be a critical event in the hepatocarcinogenic action of TCDD.

Potential confounding of associations involving occupational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Cancer incidence in a population accidentally exposed to 2,3,7,8-tetrachlorodibenzo-para-dioxin.

Potentialiation of CYP1A1 gene expression in MCF-7 human breast cancer cells cotreated with 2,3,7,8-tetrachlorodibenzo-p-dioxin and 12-O-tetradecanoylphorbol-13-acetate.

Rat CYP1A1 negative regulatory element: biological activity and interaction with a protein from liver and hepatoma cells.

Resistance to aflatoxin B1 is associated with the expression of a novel aldo-keto reductase which has catalytic activity towards a cytotoxic aldehyde-containing metabolite of the toxin.

[Anticancer agents targeting oncogene products].

Phototoxicity of lumidoxycycline.

Inhibition of ret tyrosine kinase activity by herbimycin A.

Inhibition of uncoupled respiration in tumor cells. A possible role of mitochondrial Ca²⁺ efflux.

Enhancement by non-mutagenic pesticides of GST-P positive hepatic foci development initiated with diethylnitrosamine in the rat.

The characteristics, capacity and receptor regulation of inositol uptake in 1321N1 astrocytoma cells.

Dermatitis on construction sites.

[Protein tyrosine kinase inhibitor, herbimycin A].

Angiosarcoma, porphyria cutanea tarda, and probable chloracne in a worker exposed to waste oil contaminated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Carcinoembryonic antigen mediates in vitro cell aggregation induced by interferon-gamma in a human colon cancer cell line: requirement for active metabolism and intact cytoskeleton.

A new form of tumor and fetal collagen that binds laminin.

Plasma membrane-dependent activation of the 72-kDa type IV collagenase is prevented by complex formation with TIMP-2.

Method of identifying inhibitors of oncogenic transformation: selective inhibition of cell growth in serum-free medium.

Characterization of calyculin fragments obtained by CNBr-cleavage.

Transport of (2-chloroethyl)-3-sarcosinamide-1-nitrosourea in the human glioma cell line SK-MG-1 is mediated by an epinephrine-sensitive carrier system.

Correlation of in vitro and in vivo growth suppression of MCF-7 human breast cancer by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Metabolites of sodium selenite and methylated selenium compounds administered at cancer chemoprevention levels in the rat.

BCR/ABL oncoprotein-targeted antitumor activity of antisense oligodeoxynucleotides complementary to bcr/abl mRNA and herbimycin A, an antagonist of protein tyrosine kinase: inhibitory effects on in vitro growth of Ph1-positive leukemia cells and BCR/ABL oncoprotein-associated transformed cells.

The human estrogen receptor structural gene contains a DNA sequence that binds activated mouse and human Ah receptors: a possible mechanism of estrogen receptor regulation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Role of the Ah receptor and the dioxin-inducible [Ah] gene battery in toxicity, cancer, and signal transduction.

The immunoglobulin-binding protein in vitro autophosphorylation site maps to a threonine within the ATP binding cleft but is not a detectable site of in vivo phosphorylation.

Herbimycin A, a pp60c-src tyrosine kinase inhibitor, inhibits osteoclastic bone resorption in vitro and hypercalcemia in vivo.

Human health effects of agrichemical use.

Mechanism of action of alpha-naphthoflavone as an Ah receptor antagonist in MCF-7 human breast cancer cells.

NAD(P)H:quinone oxidoreductase1 (DT-diaphorase) expression in normal and tumor tissues.

Inhibitory effects of alpha- and beta-carotene on croton oil-induced or enzymatic lipid peroxidation and hydroperoxide production in mouse skin epidermis.

Purification of an autocrine growth factor homologous with mouse epithelin precursor from a highly tumorigenic cell line.

Cloning and characterization of complementary DNA encoding the eukaryotic initiation factor 2-associated 67-kDa protein (p67).

Participation of tyrosine kinase in capping, internalization, and antigen presentation through membrane immunoglobulin in BAL17 B lymphoma cells.

Identification and purification of a novel serine proteinase inhibitor.

Dioxin hepatic carcinogenesis: biologically motivated modeling and risk assessment.

Mouse Hepa 1c1c7 hepatoma cells produce complement component C3; 2,3,7,8-tetrachlorodibenzo-p-dioxin fails to modulate this capacity.

Tumors produced in rats with a single dosage of 1,2-dimethylhydrazine.

Relationship between aryl hydrocarbon receptor binding, induction of aryl hydrocarbon hydroxylase and 7-ethoxyresorufin O-deethylase enzymes, and toxic activities of aromatic xenobiotics in animals. A new model.

Peroxisome proliferators: paradigms and prospects.

Polychlorinated biphenyls (PCBs), dibenzo-p-dioxins (PCDDs), and dibenzofurans (PCDFs) as antiestrogens in MCF-7 human breast cancer cells: quantitative structure-activity relationships.

Receptor mechanisms and dose-response models for the effects of dioxins.

Characterization of the aryl hydrocarbon receptor and aryl hydrocarbon responsiveness in human ovarian carcinoma cell lines.

Effect of processing cement to concrete on hexavalent chromium levels.

Combined oestrogen-progestin treatment of vaginal haemorrhage following gonadotrophin-releasing hormone agonist therapy of uterine myomas.

Gamma interferon cooperates with lipopolysaccharide to activate mouse splenic macrophages to an antihistoplasma state.

Environmental toxicology of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans.

Ligand-dependent recruitment of the Arnt coregulator determines DNA recognition by the dioxin receptor.

DNA topoisomerases and the DNA lesion in human genetic instability syndromes.

Enhanced phosphorylation of a 65 kDa protein is associated with rapid induction of stress proteins in 9L rat brain tumor cells.

Misclassified sarcomas and confounded dioxin exposure.

A role for heparan sulfate in androgen-induced deoxyribonucleic acid synthesis of mouse mammary carcinoma (Shionogi carcinoma 115)-derived SC-3 cells.

Interaction of 2,3,7,8-tetrachlorodibenzo-p-dioxin, 12-O-tetradecanoylphorbol-13-acetate (TPA) and 17 beta-estradiol in MCF-7 human breast cancer cells.

Herbimycin A inhibits the association of p60v-src with the cytoskeletal structure and with phosphatidylinositol 3' kinase.

Important aspects of the evidence for TCDD carcinogenicity in man.

Quantitative immunoassays for type II collagen and its cyanogen bromide peptides.

Stoichiometric analysis of internalization, recycling, and redistribution of photoaffinity-labeled guanylate cyclase/atrial natriuretic factor receptors in cultured murine Leydig tumor cells.

Mouse interferon gamma pretreated hepatocytes conditioned media suppress cytochrome P-450 induction by TCDD in mouse hepatoma cells.

Farming and prostate cancer mortality.

Health risks of "dioxins": a review of environmental and toxicological considerations.

Role of tyrosine phosphorylation in radiation-induced activation of c-jun protooncogene in human lymphohematopoietic precursor cells.

Modeling receptor-mediated processes with dioxin: implications for pharmacokinetics and risk assessment.

Effects of cycloheximide on the induction of CYP1A1 gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in three human breast cancer cell lines.

Effect of external cation concentration and metabolic inhibitors on membrane potential of human glial cells.

Family pesticide use and childhood brain cancer.

Activation of tumoricidal properties in macrophages by lipopolysaccharide requires protein-tyrosine kinase activity.

The mortality experience of workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin in a trichlorophenol process accident.

Identification of soft tissue sarcoma deaths in cohorts exposed to dioxin and to chlorinated naphthalenes.

In vitro cytotoxic and cell transforming activities exerted by the pesticides cyanazine, dithianon, diflubenzuron, procymidone, and vinclozolin on BALB/c 3T3 cells.

Arsenite induced sensitization and self-tolerance of Reuber H35 hepatoma cells.

p60v-src causes tyrosine phosphorylation and inactivation of the N-cadherin-catenin cell adhesion system.

Malignant lymphomas and leukemias, and exposures in the wood industry: an industry-based case-referent study.

³¹P and ¹³C NMR spectroscopic study of wild type and multidrug resistant Ehrlich ascites tumor cells.

Human exposure to 2,3,7,8-TCDD and risk of cancer--a response.

Mechanisms of carcinogenicity of methyl halides.

[Cytochromes P450: toxicologic importance of determination of levels].

Protein tyrosine kinase activation is required for lipopolysaccharide induction of cytokines in human blood monocytes.

Glucocorticoid receptor conversion to high affinity nuclear binding and transcription enhancement activity in Chinese hamster ovary cells subjected to heat and chemical stress.

2,3,7,8-tetrachlorodibenzo-p-dioxin increases cardiac myocyte intracellular calcium and progressively impairs ventricular contractile responses to isoproterenol and to calcium in chick embryo hearts.

HLA class II molecule-mediated signal transduction mechanism responsible for the expression of interleukin-1 beta and tumor necrosis factor-alpha genes induced by a staphylococcal superantigen.

Approach to risk assessment of PCDDs and PCDFs in Canada.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on protein kinase C and inositol phosphate metabolism in primary cultures of rat hepatocytes.

Ifosfamide. Patient care management.

In vitro cytotoxicity of mono-, di-, and trichloroacetate and its modulation by hepatic peroxisome proliferation.

Mouse endometrium stromal cells express a polycyclic aromatic hydrocarbon-inducible cytochrome P450 that closely resembles the novel P450 in mouse embryo fibroblasts (P450EF).

Development of bioassays and approaches for the risk assessment of 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds.

Multiple end point procedure to evaluate risk from pesticides.

Measurement of chromosomal aberrations, sister chromatid exchange, hprt mutations, and DNA adducts in peripheral lymphocytes of human populations at increased risk for cancer.

Effects of polychlorinated dibenzofurans on compounds in hepatic DNA of female Sprague-Dawley rats: structure dependence and mechanistic considerations.

Regulation of cytochrome P450 expression in a novel liver cell line from zebrafish (*Brachydanio rerio*).

Hck tyrosine kinase activity modulates tumor necrosis factor production by murine macrophages.

Photodynamic effects of new silicon phthalocyanines: in vitro studies utilizing rat hepatic microsomes and human erythrocyte ghosts as model membrane sources.

Phospholipase C activation in the cytotoxic response of human natural killer cells requires protein-tyrosine kinase activity.

Potent intracellular oxidative stress exerted by the carcinogen 4-nitroquinoline-N-oxide.

Mutagenicity of chrysene, its methyl and benzo derivatives, and their interactions with cytochromes P-450 and the Ah-receptor; relevance to their carcinogenic potency.

The mutagenicity and interactions of 2- and 4-(acetylamino)fluorene with cytochrome P450 and the aromatic hydrocarbon receptor may explain the difference in their carcinogenic potency.

Carcinogenicity of TCDD in laboratory animals: implications for risk assessment.

Activation with superantigens induces programmed death in antigen-primed CD4+ class II+ major histocompatibility complex T lymphocytes via a CD11a/CD18-dependent mechanism.

Assessment of P-glycoprotein-dependent drug transport in isolated rat hepatocytes using rhodamine 123.

Interactions of flavonoids, trace metals, and oxygen: nuclear DNA damage and lipid peroxidation induced by myricetin.

Relation between glucose-stimulated insulin secretion and intracellular calcium accumulation studied with a superfusion system of a glucose-responsive pancreatic beta-cell line MIN6.

Arsenic-induced DNA-strand breaks associated with DNA-protein crosslinks in human fetal lung fibroblasts.

Gene expression and cell proliferation in rat liver after 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

[Toxicology of tobacco].

Frequency of micronuclei induced in cultured lymphocytes by highly toxic organochlorine congeners.

NTP Toxicology and Carcinogenesis Studies of Pentachloroanisole (CAS No. 1825-21-4) in F344 Rats and B6C3F1 Mice (Feed Studies).

Toxicology, structure-function relationship, and human and environmental health impacts of polychlorinated biphenyls: progress and problems.

Ah receptor binding properties of indole carbinols and induction of hepatic estradiol hydroxylation.

Occupational physicians and environmental medicine.

Dioxin toxicity. Agency for Toxic Substances and Disease Registry.

The herpes simplex virus type 1 US11 gene product is a phosphorylated protein found to be non-specifically associated with both ribosomal subunits.

Effects of arsenite treatment on NAD(P)H:quinone acceptor oxidoreductase activity in liver, lung, kidney, and heart of the rat. Comparison to induction by the polyaromatic hydrocarbon, beta-naphthoflavone.

Induction of the adaptive response of Escherichia coli to alkylation damage by the environmental mutagen, methyl chloride.

Nonresponsiveness of normal human fibroblasts to dioxin correlates with the presence of a constitutive xenobiotic response element-binding factor.

Enzyme, whole cell and invivo tumor-models to identify and assess inhibitors of pp60(c-SRC).

[The concept of environmental pollution for emission control in regulating carcinogenic air pollutants in outdoor air].

Effect of protein kinase inhibitors on IL-8/NAP-1 release from human umbilical vein endothelial cells.

Comparative pharmacokinetics of ifosfamide, 4-hydroxyifosfamide, chloroacetaldehyde, and 2- and 3-dechloroethylifosfamide in patients on fractionated intravenous ifosfamide therapy.

A comparison of the effects of aphidicolin and other inhibitors on topoisomerase II-directed cytotoxic drugs.

Growth stimulation of primary rat hepatocytes by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Biotransformation of the antiviral agent 1,3,4-thiadiazol-2-ylcyanamide (LY217896) and characteristics of a mesoionic ribose metabolite.

Predicting rodent carcinogenicity of halogenated hydrocarbons by in vivo biochemical parameters.

Herbicides and cancer.

Resistance of murine lung tumors to xenobiotic-induced cytotoxicity.

Occupational risk factors for acute leukaemia: a case-control study.

Toxicology and hazard potential of trifluralin.

Nephrotoxicity of the 1:1 acrolein-glutathione adduct in the rat.

Review of a study reporting an association between 2,4-dichlorophenoxyacetic acid and canine malignant lymphoma: report of an expert panel.

An evaluation of three pesticides: pirithione, supercypermethrin and metolachlor in transformation bioassays of BHK21 and hamster embryo cells.

Prevalence of glioblastoma multiforme subjects with prior herbicide exposure.

A novel pharmacological approach for paraquat poisoning in rat and A549 cell line using ambroxol, a lung surfactant synthesis inducer.

Soft tissue sarcoma, aplastic anaemia, and exposure to pesticides.

Reproductive study of acrolein on two generations of rats.

Disposition, bioavailability, and serum protein binding of pentachlorophenol in the B6C3F1 mouse.

NTP technical report on the toxicity studies of Glyphosate (CAS No. 1071-83-6) Administered In Dosed Feed To F344/N Rats And B6C3F1 Mice.

Acrolein initiates rat urinary bladder carcinogenesis.

Cancer mortality among licensed herbicide applicators.

Mitochondrial breakage induced by the herbicide paraquat in cultured human lung cells.

[Toxic and drug-induced lesions of the pulmonary parenchyma].

[Appearance of different panmyelopathies in the same patient].

Family pesticide use in the home, garden, orchard, and yard.

Two-year toxicity and carcinogenicity study of acrolein in rats.

Phenoxy herbicides and chlorophenols: a case control study on soft tissue sarcoma and malignant lymphoma.

Preferential increase of heterochromatin in venular endothelium of lung in mice after administration of dimethylarsinic acid, a major metabolite of inorganic arsenics.

Canine malignant lymphoma and 2,4-dichlorophenoxyacetic acid herbicides.

Role of lipid peroxidation and DNA damage in paraquat toxicity and the interaction of paraquat with ionizing radiation.

Alar: the aftermath.

Effects of ethyl 4-chloro-2-methylphenoxyacetate on bile composition in golden hamsters.

Mechanisms of aldehyde-induced bronchial reactivity: role of airway epithelium.

Cytogenetic effects of alachlor and/or atrazine in vivo and in vitro.

Formation of thymidine adducts and cross-linking potential of 2-bromoacrolein, a reactive metabolite of tris(2,3-dibromopropyl)phosphate.

Occupation and soft-tissue sarcoma in northeastern Italy.

Assessment of pentachlorophenol exposure in humans using the clearance concept.

Brain cancer and farming in western Canada.

Regression mechanism of cyanamide-induced inclusion bodies in the rat: a useful experimental pattern to study the beta-glycogen metabolism of hepatocytes.

The effect of a commercial 2,4-D formulation on chemical- and viral-induced tumor production in mice.

Spermine dialdehyde, a novel ex vivo purging agent for both allogeneic and autologous bone marrow transplantations.

Cyclophosphamide decreases O⁶-alkylguanine-DNA alkyltransferase activity in peripheral lymphocytes of patients undergoing bone marrow transplantation.

The effects of goitrogenesis, involution, and goitrogenic rechallenge on the clonogenic cell content of the rat thyroid.

Selective eosinophil leukocyte recruitment by transendothelial migration and not by leukocyte-endothelial cell adhesion.

The plateau phase rat goiter contains a sub-population of TSH-responsive follicular cells capable of proliferation following transplantation.

Enhancement of cytotoxic T lymphocyte growth from spleens of P815-tumor-bearing host mice with mafosfamide.

[Synthesis and antitumor activity of substituted benzaldehyde/cinnamaldehyde selenosemicarbazones].

Preservation of keratin expression in oral mucosa using a novel transport medium.

Occupational exposure to chromium, copper and arsenic during work with impregnated wood in joinery shops.

Activation of 6-aminochrysene to genotoxic products by different forms of rat liver cytochrome P450 in an O-acetyltransferase-overexpressing *Salmonella typhimurium* strain (NM2009).

Evaluation of amitrole mutagenicity in *Salmonella typhimurium* using prostaglandin synthase activation.

Responses of vascular endothelial oxidant metabolism to lipopolysaccharide and tumor necrosis factor- α .

Comparative metabolism of the cysteine and homocysteine conjugates of propachlor by in situ perfused kidneys of rats.

Quantitative bioassay using laser-monitored bacteria to assess toxicology and metabolism of bioactive Group IV compounds.

Genotoxic effects of sodium arsenite on human cells.

Decreased stress inducibility of the HSP68 protein in a rat hepatoma variant clone.

Cefaclor uptake by the proton-dependent dipeptide transport carrier of human intestinal Caco-2 cells and comparison to cephalixin uptake.

The neural cell adhesion molecule (NCAM) heparin binding domain binds to cell surface heparan sulfate proteoglycans.

Regulation of cytochrome P450IA1 gene expression in a human intestinal cell line, Caco-2.

Stable heparin-producing cell lines derived from the Furth murine mastocytoma.

[Dioxin pollution and the health risk: long-term studies following the Icmesa disaster].

Polynuclear aromatic hydrocarbon carcinogens as antiestrogens in MCF-7 human breast cancer cells: role of the Ah receptor.

Protein tyrosine phosphorylation as an indicator of 2,3,7,8-tetrachloro-p-dioxin exposure in vivo and in vitro.

Reduced intracellular drug accumulation in the absence of P-glycoprotein (mdr1) overexpression in mitoxantrone-resistant human MCF-7 breast cancer cells.

Quercetin, an inhibitor of heat shock protein synthesis, inhibits the acquisition of thermotolerance in a human colon carcinoma cell line.

Inhibition of acute TCDD toxicity by treatment with anti-tumor necrosis factor antibody or dexamethasone.

Regulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible expression of aldehyde dehydrogenase in hepatoma cells.

Cytogenetic effects of sodium azide encapsulated in liposomes on heteroploid cell cultures.

Integrated approach for evaluating species and interindividual differences in responsiveness to dioxins and structural analogs.

Mechanism of action of aryl hydrocarbon receptor antagonists: inhibition of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced CYP1A1 gene expression.

Cell transforming and oncogenic activity of 2,3,7,8-tetrachloro--and 2,3,7,8 tetrabromodibenzo-p-dioxin.

Cytosolic and intranuclear calcium signals in rat basophilic leukemia cells as revealed by a confocal fluorescence microscope.

Non-Hodgkin's lymphoma and occupational exposure.

Pesticides and non-Hodgkin's lymphoma.

Immunosuppressive therapy and acquired immunological disorders.

Hematopoietic cytokines inhibit apoptosis induced by transforming growth factor beta 1 and cancer chemotherapy compounds in myeloid leukemic cells.

Control of growth and differentiation of Philadelphia chromosome-positive leukemia cells by tyrosine kinase inhibitors.

Iron deficiency and anemia of chronic disease. Clues to differentiating these conditions.

Proxy respondents and the validity of occupational and other exposure data. The Selected Cancers Cooperative Study Group.

Photosensitization by anticancer agents. 11. Mechanisms of photosensitization of human leukemic cells by diaminoanthraquinones: singlet oxygen and radical reactions.

Effect of herbimycin A, an antagonist of tyrosine kinase, on bcr/abl oncoprotein-associated cell proliferations: abrogative effect on the transformation of murine hematopoietic cells by transfection of a retroviral vector expressing oncoprotein P210bcr/abl and preferential inhibition on Ph1-positive leukemia cell growth.

Protein tyrosine phosphorylation induced via the IgG receptors Fc gamma R1 and Fc gamma R2 in the human monocytic cell line THP-1.

Inhibition of insulin-like growth factor-I responses in MCF-7 cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds.

Negative regulation of the murine cytosolic aldehyde dehydrogenase-3 (Aldh-3c) gene by functional CYP1A1 and CYP1A2 proteins.

Ingested arsenic, keratoses, and bladder cancer.

Induction of class 3 aldehyde dehydrogenase in the mouse hepatoma cell line Hepa-1 by various chemicals.

Cadherin-mediated cell-cell adhesion is perturbed by v-src tyrosine phosphorylation in metastatic fibroblasts.

In vitro oxygen consumption and motility of *Cryptobia salmositica*, *Cryptobia bullocki*, and *Cryptobia catostomi* (Sarcomastigophora: Kinetoplastida).

Collagen-induced arthritis in rats. Examination of the epitope specificities of circulating and cartilage-bound antibodies produced by outbred and inbred rats using cyanogen bromide-derived peptides purified from heterologous and homologous type II collagens.

A simple assay for determination of iron release from ferritin in neuroblastoma cells.

Comparative assessment of the cytotoxic effects of different xenobiotics in three hepatoma cell lines.

Characterization of the promotion of altered hepatic foci by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the female rat.

Herbimycin A, an inhibitor of tyrosine kinase, prolongs survival of mice inoculated with myeloid leukemia C1 cells with high expression of v-abl tyrosine kinase.

Development of acute thermotolerance in L929 cells: lack of HSP28 synthesis and phosphorylation.

Chemopreventive effects of green tea components on hepatic carcinogenesis.

Development of gel staining techniques for detecting the secretion of procathepsin D (52-kDa protein) in MCF-7 human breast cancer cells.

Type I keratinocyte transglutaminase: expression in human skin and psoriasis.

Growth inhibitory and antimutagenic activity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in T47D human breast cancer cells.

Specific inhibition of NGF receptor tyrosine kinase activity by K-252a.

Neoplastic transformation of immortalized human keratinocytes by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Dose-response relationships for chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in a rat tumor promotion model: quantification and immunolocalization of CYP1A1 and CYP1A2 in the liver.

Hepatotoxicity and carcinogenicity in female Sprague-Dawley rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): a pathology working group reevaluation.

Protein-linked isoprenoid lipids in dexamethasone-treated human lymphoid lines in culture.

[Differentiation therapy of hematologic malignancies: principles, current status and perspectives].

Influence of stepwise uncoupling and temporary anoxia on pancreatic enzyme secretion by isolated rat acini.

Mechanism of dioxin action: Ah receptor-mediated increase in promoter accessibility in vivo.

Energy-dependent accumulation of daunorubicin into subcellular compartments of human leukemia cells and cytoplasts.

Relationship of VP-16 to the classical multidrug resistance phenotype.

Posttranslational regulation of spermidine/spermine N1-acetyltransferase with stress.

Neutrophils contribute to TNF induced myocardial tolerance to ischaemia.

Cancer incidence following chlorophenol exposure in a community in southern Finland.

Pesticides and other agricultural risk factors for non-Hodgkin's lymphoma among men in Iowa and Minnesota.

The role of occupational exposure and immunodeficiency in B-cell malignancies. Working Group on the Epidemiology of Hematolymphopoietic Malignancies in Italy.

Mechanism of action of a repressor of dioxin-dependent induction of Cyp1a1 gene transcription.

Partial amino acid sequence of a somatostatin receptor isolated from GH4C1 pituitary cells.

Heat-shock responsive elements in the induction of the multidrug resistance gene (MDR1).

Risk factors for adult soft tissue sarcoma in northern Italy.

Cancer risk among Danish and Italian farmers.

Anti-estrogenic action of 2,3,7,8-tetrachlorodibenzo-p-dioxin: tissue-specific regulation of estrogen receptor in CD1 mice.

Growth inhibition by anchorage-deficiency is associated with increased level but reduced phosphorylation of mutant p53.

Characterization of the aryl hydrocarbon receptor in the human C-4II cervical squamous carcinoma cell line.

6-Methyl-1,3,8-trichlorodibenzofuran (MCDF) as an anti-estrogen in human and rodent cancer cell lines: evidence for the role of the Ah receptor.

Heat shock alters the composition of heteromeric steroid receptor complexes and enhances receptor activity in vivo.

Induction of differentiation of human leukemia cells with a structurally altered c-abl (bcr/abl) gene by herbimycin A, an inhibitor of tyrosine kinase activity.

Lysyl hydroxylation in collagens from hyperplastic callus and embryonic bones.

17 beta-estradiol hydroxylation catalyzed by human cytochrome P450 1A1: a comparison of the activities induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in MCF-7 cells with those from heterologous expression of the cDNA.

T84 cells: anion selectivity demonstrates expression of Cl⁻ conductance affected in cystic fibrosis.

Identification, purification, and partial sequence analysis of autotaxin, a novel motility-stimulating protein.

Tyrosine protein kinase is involved in anti-IgM-mediated signaling in BAL17 B lymphoma cells.

Heme oxygenase: expression in human retina and modulation by stress agents in a human retinoblastoma cell model system.

Mortality of a young population after accidental exposure to 2,3,7,8-tetrachlorodibenzodioxin.

Chromosomal aberrations and sister-chromatid exchanges induced by N-nitroso-2-acetylaminofluorene and their modifications by arsenite and selenite in Chinese hamster ovary cells.

The health effects of dioxin on humans.

Dioxin risk assessment for human health: scientifically defensible or fantasy?

Potential antitumor agents. 64. Synthesis and antitumor evaluation of dibenzo[1,4]dioxin-1-carboxamides: a new class of weakly binding DNA-intercalating agents.

Serum 2,3,7,8-tetrachlorodibenzo-p-dioxin levels of New Zealand pesticide applicators and their implication for cancer hypotheses.

Soluble aggregates of the human PiZ alpha 1-antitrypsin variant are degraded within the endoplasmic reticulum by a mechanism sensitive to inhibitors of protein synthesis.

Ewing's bone sarcoma, paternal occupational exposure, and other factors.

Chemical cross-linking of the cytosolic and nuclear forms of the Ah receptor in hepatoma cell line 1c1c7.

Transcriptional derepression of the murine Cyp1a-1 gene by mevinolin.

Development of a quantitative in vitro transformation assay for kidney epithelial cells.

Animal cancer tests and cancer prevention.

Effects of herbimycin A derivatives on growth and differentiation of K562 human leukemic cells.

Old and new reflections on dioxin.

Reconciling old and new findings on dioxin.

Toxicity of monochloroacetic acid administered by gavage to F344 rats and B6C3F1 mice for up to 13 weeks.

Genotoxicity of 2,4,6-trichlorophenol in V79 Chinese hamster cells.

[Observations on chlorophenol-associated cancer risk in KÅrkÅI|Å].

Peroxisome proliferators: a model for receptor mediated carcinogenesis.

Mechanism of benzo[a]pyrene-induced Cyp1a-1 gene expression in mouse Hepa 1c1c7 cells: role of the nuclear 6 s and 4 s proteins.

Energy-dependent processes involved in reduced drug accumulation in multidrug-resistant human lung cancer cell lines without P-glycoprotein expression.

Secretion of thioredoxin by normal and neoplastic cells through a leaderless secretory pathway.

The molecular mechanism of peroxisome proliferator action: a model for species differences and mechanistic risk assessment.

Russuphelin A, a new cytotoxic substance from the mushroom *Russula subnigricans* Hongo.

Zymosan-triggered tyrosine phosphorylation in mouse bone-marrow-derived macrophages is enhanced by respiratory-burst priming agents.

Genotoxicity of environmental agents in human mammary epithelial cells.

Kinetic properties of the bovine corneal aldehyde dehydrogenase (BCP 54).

Use of multiple-cause mortality data in epidemiologic analyses: US rate and proportion files developed by the National Institute for Occupational Safety and Health and the National Cancer Institute.

Synergism among oxidants, proteinases, phospholipases, microbial hemolysins, cationic proteins, and cytokines.

Mechanism for the hepatotoxicity of the antiandrogen, nilutamide. Evidence suggesting that redox cycling of this nitroaromatic drug leads to oxidative stress in isolated hepatocytes.

The potentiation of 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity by tamoxifen in female CD1 mice.

Oncostatin M induces tyrosine phosphorylation in endothelial cells and activation of p62yes tyrosine kinase.

Benzo[e]pyrene elicits changes in the biochemical activities and chromatographic behavior of murine hepatic cytochromes P-450 that are distinct from those induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Increased hydrogen peroxide concentration in human tumor cells due to a nitroxide free radical.

Differentiation of quail myoblasts transformed with a temperature sensitive mutant of Rous sarcoma virus. I. Relationship between differentiation and tyrosine kinase of src gene product.

Health status and needs of migrant farm workers in the United States: a literature review.

The presence of genotoxic and bioactive components in indigo dyed fabrics--a possible health risk?

Molecular cloning of rat prostate transglutaminase complementary DNA. The major androgen-regulated protein DP1 of rat dorsal prostate and coagulating gland.

Recent developments on the hazards posed by 2,3,7,8-tetrachlorodibenzo-p-dioxin in soil: implications for setting risk-based cleanup levels at residential and industrial sites.

Participation of rat liver cytochrome P450 2E1 in the activation of N-nitrosodimethylamine and N-nitrosodiethylamine to products genotoxic in an acetyltransferase-overexpressing Salmonella typhimurium strain (NM2009).

Altered expression of a mouse epidermal cytoskeletal protein is a sensitive marker for proliferation induced by tumor promoters.

Cloning and heterologous expression of cDNA encoding class alpha rat glutathione transferase 8-8, an enzyme with high catalytic activity towards genotoxic alpha,beta-unsaturated carbonyl compounds.

Generation and functional characterization of ovine bone marrow-derived macrophages.

Dioxin induces expression of c-fos and c-jun proto-oncogenes and a large increase in transcription factor AP-1.

Influence of metabolic inhibitors on the degradation of tight junctions in HT29 cells.

[Synthesis of an artificial gene coding for thymosin alpha1 and its expression in Escherichia coli as a hybrid with human tumor necrosis factor].

Interleukin-1 beta suppresses the induction of P4501A1 and P4501A2 mRNAs in isolated hepatocytes.

Benzoquinonoid ansamycins possess selective tumoricidal activity unrelated to src kinase inhibition.

Photodynamic effects of chloroaluminum phthalocyanine tetrasulfonate are mediated by singlet oxygen: in vivo and in vitro studies utilizing hepatic microsomes as a model membrane source.

NTP Toxicology and Carcinogenesis Studies of Methyl Bromide (CAS: 74-83-9) in B6C3F1 Mice (Inhalation Studies).

2,3,7,8-Tetrachlorodibenzo-p-dioxin and ethinylestradiol as co-mitogens in cultured rat hepatocytes.

[Thermal distribution in the agar phantom by a new intracavitary RF applicator for prostate gland].

Characterization of the human myeloid cell nuclear differentiation antigen: relationship to interferon-inducible proteins.

NTP Toxicology and Carcinogenesis Studies of Monochloroacetic Acid (CAS No. 79-11-8) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Association of blebbing with assembly of cytoskeletal proteins in ATP-depleted EL-4 ascites tumour cells.

Cellular sequence of tracheal repair in sheep after smoke inhalation injury.

Posttreatment with sodium arsenite alters the mutational spectrum induced by ultraviolet light irradiation in Chinese hamster ovary cells.

Comparative toxicity of four chlorinated dibenzo-p-dioxins (CDDs) and their mixture. Part II: Structure-activity relationships with inhibition of hepatic phosphoenolpyruvate carboxykinase, pyruvate carboxylase, and gamma-glutamyl transpeptidase activities.

Analysis of DNA strand breaks induced in rodent liver in vivo, hepatocytes in primary culture, and a human cell line by chlorinated acetic acids and chlorinated acetaldehydes.

Reduced expression of manganese superoxide dismutase in cells resistant to cytolysis by tumor necrosis factor.

Microbial secondary metabolism: a new theoretical frontier for academia, a new opportunity for industry.

Weight of the evidence on the human carcinogenicity of 2,4-D.

Paraquat increases superoxide dismutase activity and radiation resistance in two mouse lymphoma L5178Y cell strains of different radiosensitivities.

Occupational exposure to chlorophenoxy herbicides and chlorophenols.

Alar's risks.

Cancer mortality in workers exposed to chlorophenoxy herbicides and chlorophenols.

Further evidence that pesticides or herbicides cause non-Hodgkin's lymphoma.

Toxicology and carcinogenesis studies of two grades of pentachlorophenol in B6C3F1 mice.

Case-control study of canine malignant lymphoma: positive association with dog owner's use of 2,4-dichlorophenoxyacetic acid herbicides.

Effects of ethyl 4-chloro-2-methylphenoxyacetate on hepatic peroxisomal enzymes in rats.

Free radical-induced carbonyl content in protein of estrogen-treated hamsters assayed by sodium boro[3H]hydride reduction.

Oncogenicity study of trifluralin in B6C3F1 mice.

Non-Hodgkin's lymphoma among Vietnam veterans.

Re: "2,4-D, 2,4,5-T, and 2,3,7,8-TCDD: an overview".

Genotoxicity studies on the preemergence herbicide trifluralin.

Non-Hodgkin's lymphoma in a cohort of Vietnam veterans.

The effects of Tordon 202c exposure on urethan-induced lung adenoma formation in female CD-1 mice.

Cytogenetic biomonitoring of an Italian population exposed to pesticides: chromosome aberration and sister-chromatid exchange analysis in peripheral blood lymphocytes.

Human health effects: what the data indicate.

A cohort mortality study of forestry workers exposed to phenoxy acid herbicides.

Incidence rates of lymphomas and soft-tissue sarcomas and environmental measurements of phenoxy herbicides.

Mortality and incidence of cancer at four factories making phenoxy herbicides.

Expression of bovine superoxide dismutase in *Drosophila melanogaster* augments resistance of oxidative stress.

Germinomas and teratoid siphon anomalies in softshell clams, *Mya arenaria*, environmentally exposed to herbicides.

Re: Letter to the editor on "Agent orange and its associated dioxins: assessment of a controversy".

Effects of 2,4,5-trichlorophenoxyacetic acid, pentachlorophenol, methylprednisolone, and Freund's adjuvant on 2-hydroxyethylnitrosourea carcinogenesis in MRC-Wistar rats.

Monuron.

Trifluralin.

Picloram.

Pentachlorophenol.

Cyclophosphamide-associated carcinoma of urothelium: modalities for prevention.

Cancer mortality among workers in chemical plant contaminated with dioxin.

Use and mechanism of action of AS101 in protecting bone marrow colony forming units-granulocyte-macrophage following purging with ASTA-Z 7557.

A new insight into the histogenesis of 'mesodermomas'--malignant mesotheliomas.

Inhibition of cellular thymidylate synthesis by cytotoxic propenal derivatives of pyrimidine bases and deoxynucleosides.

An overview of peroxisome proliferator-induced hepatocarcinogenesis.

Evidence for acrolein-modified DNA in peripheral blood leukocytes of cancer patients treated with cyclophosphamide.

Tumor necrosis factor-alpha increases Mn-SOD expression: protection against oxidant injury.

Hepatic peroxisome proliferators induce morphologic transformation of Syrian hamster embryo cells, but not peroxisomal beta oxidation.

Inverse correlation between resistance towards copper and towards the redox-cycling compound paraquat: a study in copper-tolerant hepatocytes in tissue culture.

Tissue peroxidase in the normal and neoplastic salivary gland.

Red cell regulation of tumor necrosis factor-induced human neutrophil cytostatic activity.

Detection of acrolein and crotonaldehyde DNA adducts in cultured human cells and canine peripheral blood lymphocytes by ³²P-postlabeling and nucleotide chromatography.

[Chemical and biochemical studies on reactivities, formations and toxicities of reactive oxygen species].

Age- and sex-related differences in activation of the carcinogen 7-hydroxymethyl-12-methylbenz[a]anthracene to an electrophilic sulfuric acid ester metabolite in rats. Possible involvement of hydroxysteroid sulfotransferase activity.

Regulation of intracellular acetyl-CoA carboxylase by ATP depletors mimics the action of the 5'-AMP-activated protein kinase.

IgE-induced tyrosine phosphorylation of phospholipase C-gamma 1 in rat basophilic leukemia cells.

Is dioxin carcinogenic?

Expression of HSP-28 and three HSP-70 genes during the development and decay of thermotolerance in leukemic and nonleukemic human tumors.

Relative liver tumour promoting activity and toxicity of some polychlorinated dibenzo-p-dioxin- and dibenzofuran-congeners in female Sprague-Dawley rats.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on 17 beta-estradiol-induced glucose metabolism in MCF-7 human breast cancer cells: ¹³C nuclear magnetic resonance spectroscopy studies.

Specific reduction of I-compound levels in DNA from spontaneous hepatomas of 22-24 month old male C3H mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes unbalanced growth in 5L rat hepatoma cells.

Induction of NAD(P)H:quinone reductase in human peripheral blood lymphocytes.

Tumor necrosis factor involvement in 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated endotoxin hypersensitivity in C57BL/6J mice congenic at the Ah locus.

[Increased risk of soft tissue sarcoma in persons exposed to dioxin].

Human NAD(P)H:quinone oxidoreductase (NQO1) gene structure and induction by dioxin.

Pathology reevaluation of the Kociba et al. (1978) bioassay of 2,3,7,8-TCDD: implications for risk assessment.

Protein kinase C regulates proliferation of mast cells and the expression of the mRNAs of fos and jun proto-oncogenes during activation by IgE-Ag or calcium ionophore A23187.

Human AH locus polymorphism and cancer: inducibility of CYP1A1 and other genes by combustion products and dioxin.

Arsenite as the probable active species in the human carcinogenicity of arsenic: mouse micronucleus assays on Na and K arsenite, orpiment, and Fowler's solution.

Effect of herbimycin A on growth and pp60c-src activity in human colon tumor cell lines.

Aromatic hydrocarbon responsiveness-receptor agonists generated from indole-3-carbinol in vitro and in vivo: comparisons with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Specific adhesion of carcinoembryonic antigen-bearing colorectal cancer cells to immobilized carcinoembryonic antigen.

DNA binding properties of the Ah receptor in wild-type and variant mouse hepatoma cells.

Superinduction of 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible expression of aldehyde dehydrogenase by the inhibition of protein synthesis.

Anti-IgM-mediated growth inhibition of a human B lymphoma cell line is independent of phosphatidylinositol turnover and protein kinase C activation and involves tyrosine phosphorylation.

Detection and characterization of the Ah receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in the human colon adenocarcinoma cell line LS180.

Inhibitory effect of interleukin-4 on the in vitro growth of Ph1-positive acute lymphoblastic leukemia cells.

Inhibition of the specific DNA binding activity of the dioxin receptor by phosphatase treatment.

Toxic and neoplastic responses in the nasal passages: future research needs.

Homotypic aggregation of human cell lines by HLA class II-, class Ia- and HLA-G-specific monoclonal antibodies.

Lipid peroxidation in rat AH-130 hepatoma cells enriched in vitro with arachidonic acid.

Risk assessment of 2,3,7,8-TCDD using a biologically based cancer model: a reevaluation of the Kociba et al. bioassay using 1978 and 1990 histopathology criteria.

US government orders new look at dioxin.

Induction of hsp 72/73 by herbimycin A, an inhibitor of transformation by tyrosine kinase oncogenes.

The transient appearance of small blastoid cells in the marrow after bone marrow transplantation.

Downregulation of the Ah receptor in mouse hepatoma cells treated in culture with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Engagement of interleukin-7 receptor stimulates tyrosine phosphorylation, phosphoinositide turnover, and clonal proliferation of human T-lineage acute lymphoblastic leukemia cells.

Occupation and risk of Hodgkin's disease in north-east Italy.

Ah receptor mediating induction of cytochrome P450IA1 in a novel continuous human liver cell line (Mz-Hep-1). Detection by binding with [3H]2,3,7,8-tetrachlorodibenzo-p-dioxin and relationship to the activity of aryl hydrocarbon hydroxylase.

Cellular retention, toxicity and carcinogenic potential of seafood arsenic. I. Lack of cytotoxicity and transforming activity of arsenobetaine in the BALB/3T3 cell line.

Long-term effects of chemical disasters. Lessons and results from Seveso.

H4IIE rat hepatoma cell bioassay-derived 2,3,7,8-tetrachlorodibenzo-p-dioxin equivalents in colonial fish-eating waterbird eggs from the Great Lakes.

Dioxin and mortality from cancer.

Heat treatment induces an increase in intracellular cyclic AMP content in human epidermoid A-431 cells.

Evidence for the mechanism of action of the 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated decrease of nuclear estrogen receptor levels in wild-type and mutant mouse Hepa 1c1c7 cells.

Analysis of native forms and isoform compositions of the mouse 90-kDa heat shock protein, HSP90.

EPA moves to reassess the risk of dioxin.

Differences in 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible CYP1A1 expression in human breast carcinoma cell lines involve altered trans-acting factors.

Toxicity equivalents and EPA's risk assessment of 2,3,7,8-TCDD.

Natural carcinogens and dioxin.

An initiation-promotion assay in rat liver as a potential complement to the 2-year carcinogenesis bioassay.

Use of epidemiology data to assess the cancer risk of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

PDGF, CSF-1, and EGF induce tyrosine phosphorylation of p120, a pp60src transformation-associated substrate.

Isolation and characterization of cDNA clones for rat liver 10-formyltetrahydrofolate dehydrogenase.

The issues of transport multiplicity and energetics pertaining to methotrexate efflux in L1210 cells addressed by an analysis of cis and trans effects of inhibitors.

Promotion of mouse lung tumors by bioaccumulated polychlorinated aromatic hydrocarbons.

Association of the crosslinked IgE receptor with the membrane skeleton is independent of the known signaling mechanisms in rat basophilic leukemia cells.

Ovarian hormones enhance 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated increases in cell proliferation and preneoplastic foci in a two-stage model for rat hepatocarcinogenesis.

[Inhibitors for protein tyrosine kinases, erbstatin, genistein and herbimycin A, induce differentiation of human neural tumor cell lines].

Characterization of the cell-cycle-regulated protein calyculin from Ehrlich ascites tumor cells. Identification of two binding proteins obtained by Ca²⁺(+)-dependent affinity chromatography.

Modulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin and phenobarbital-induced promotion of hepatocarcinogenesis in rats by the type of diet and vitamin A deficiency.

Secretion of a unique collagen by spontaneously transformed murine keratinocytes (PAM cells) in vitro.

Presence of the 4 S polycyclic hydrocarbon-binding protein in H4-II-E cells.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in vitro: H4IIEC3-derived 5L hepatoma cells as a model system.

[New antineoplastic antibiotics, new analogs, modifiers of biological reactions and oncogene inhibitors].

Cancer mortality in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Cytosolic free Ca²⁺ in daunorubicin and vincristine resistant Ehrlich ascites tumor cells. Drug accumulation is independent of intracellular Ca²⁺ changes.

Influence of extracellular pH on the accumulation and cytotoxicity of N-(4-methylphenylsulfonyl)-N'-(4-chlorophenyl)urea in human cell lines.

Long-term carcinogenesis studies on 2,3,7,8-tetrachlorodibenzo-p-dioxin and hexachlorodibenzo-p-dioxins.

A one-year carcinogenicity study with 2,6-dichlorobenzonitrile (Dichlobenil) in male Swiss mice: preliminary note.

The association between cancer mortality and dioxin exposure: a comment on the hazard of repetition of epidemiological misinterpretation.

Cellular pharmacokinetics of vinblastine and other vinca alkaloids in MO4 cells.

The tissue distribution of 2,3,7,8-chlorine substituted dibenzo-p-dioxins in humans who died of cancer.

Roles of UDP-glucuronosyltransferases in chemical carcinogenesis.

An exploratory study of environmental and medical factors potentially related to childhood cancer.

Regulation of the truncation of luteinizing hormone receptors at the plasma membrane is different in rat and mouse Leydig cells.

Blood levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin in chemical workers after chloracne and in comparison groups.

Chronic inhalation toxicity and carcinogenicity study of methyl bromide in Wistar rats.

The epidemiology of populations exposed to dioxin.

Human exposure to 2,3,7,8-TCDD and risk of cancer.

On the mechanism of action of interferons: interaction with nonsteroidal anti-inflammatory agents, pentoxifylline (Trental) and cGMP inducers.

Use and selectivity of herbimycin A as inhibitor of protein-tyrosine kinases.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces cytochrome P450IA1 enzyme activity by activating transcription of the corresponding gene.

Phosphorylation of lipocortin-1 by the epidermal growth factor receptor.

[Chlorophenol predisposition-associated cancer risk in K rk ].

[Association between cancer and exposure to chlorophenols in a county located in southern Finland].

Response of the antral mucosa of the rat stomach to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[The effect of finoptin on the metabolism and pharmacological action of cyclophosphane in vivo and in vitro].

Aldehydes: occurrence, carcinogenic potential, mechanism of action and risk assessment.

Heat shock proteins in cultured human keratinocytes and fibroblasts.

Single-dose cyclophosphamide for the prevention of bladder tumor implantation in F344 rats: site of drug activity.

High dioxin dose linked to cancer.

NTP technical report on the toxicity studies of Cresols (CAS Nos. 95-48-7, 108-39-4, 106-44-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Involvement of singlet oxygen in chloroaluminum phthalocyanine tetrasulfonate-mediated photoenhancement of lipid peroxidation in rat epidermal microsomes.

Chemoprotectants for cancer chemotherapy.

Amsacrine-induced lesions in DNA and their modulation by novobiocin and 2,4-dinitrophenol.

Cytotoxicity and chromosome aberrations in normal human oral keratinocytes induced by chemical carcinogens: Comparison of inter-individual variations.

Biologically based pharmacodynamic models: tools for toxicological research and risk assessment.

Hydrogen peroxide formation by cells treated with a tumor promoter.

Cell-type-specific recognition of allogeneic cells by alloreactive cytotoxic T cells: a consequence of peptide-dependent allorecognition.

Glutathione diminishes the anti-tumour activity of 4-hydroperoxycyclophosphamide by stabilising its spontaneous breakdown to alkylating metabolites.

Studies in tobacco carcinogenesis.

Drug interaction effects on antitumour drugs (VIII): prevention of ifosfamide-induced urotoxicity by disulfiram and its effect on antitumour activity and acute toxicity of alkylating agents in mice.

Toxic interactions in the rat nose: pollutants from soiled bedding and methyl bromide.

Characterization of the cytochrome P450 isozyme that metabolizes ochratoxin A, using metabolic inducers, inhibitors and antibodies.

The role of metabolism in chemical-induced pulmonary toxicity.

In vitro effects of L-ascorbic acid (vitamin C) on aryl hydrocarbon hydroxylase activity in hepatic microsomes of mice.

[Comparative study of the effectiveness of the classical and modified Cooper protocol for breast cancer chemotherapy].

The potential inhalation hazard posed by dioxin contaminated soil.

NTP Toxicology and Carcinogenesis Studies of Sodium Azide (CAS: 26628-22-8) in F344 Rats (Gavage Studies).

Induction by some protein kinase inhibitors of differentiation of a mouse megakaryoblastic cell line established by coinfection with Abelson murine leukemia virus and recombinant SV40 retrovirus.

Induction of a 31,000-dalton stress protein by prostaglandins D2 and J2 in porcine aortic endothelial cells.

Tyrosine phosphorylation provides an early and requisite signal for the activation of natural killer cell cytotoxic function.

Murine mdr-1, mdr-2, and mdr-3 gene expression: no coinduction with the Cyp1a-1 and Nmo-1 genes in liver by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The antiproliferative effects of enzymatic deglycosylation and metabolic undersulfation of proteoglycans from the cell surface.

Biophysical aspects of the integrated combination of cytostatic drugs with radiotherapy. Part 1: In vitro investigations on the kinetics of activated isophosphamide metabolites and the determination of selective properties of DNA-interstrand and DNA-protein crosslinking mechanisms using ³¹P-NMR spectroscopy.

Evaluation of the relative contribution of exposure routes in a health risk assessment of dioxin emissions from a municipal waste incinerator.

Metabolism of ¹⁴C-dichloroethyne in rats.

Cytosolic-nuclear tumor promoter-specific binding protein: association with the 90 kDa heat shock protein and translocation into nuclei by treatment with 12-O-tetradecanoylphorbol 13-acetate.

In vitro cytotoxicity studies with the fish hepatoma cell line, PLHC-1 (*Poeciliopsis lucida*).

Sodium nitrite-stimulated metabolic activation of benzo[a]pyrene 7,8-dihydrodiol in human polymorphonuclear leukocytes.

Induction of mutation in V79 Chinese hamster cells by tetrachlorohydroquinone, a metabolite of pentachlorophenol.

2,3,7,8-Tetrachlorodibenzo-p-dioxin stimulation of tyrosine phosphorylation in B lymphocytes: potential role in immunosuppression.

Re: "Triazine herbicides and ovarian epithelial neoplasms" by A Donna, P Crosignani, F Robutti, PG Betta, R Bocca, N Mariani, F Ferrario, R Fissi, F Berrino *Scand J Work Environ Health* 1989.

Peroxisome proliferation and modulation of rat liver carcinogenesis by 2,4-dichlorophenoxyacetic acid, 2,4,5-trichlorophenoxyacetic acid, perfluorooctanoic acid and nafenopin.

"A great poison". Dioxin helps elucidate the function of genes.

Genetic toxicity of six carcinogens and six non-carcinogens in the *Drosophila* wing spot test.

Italian multicentre case-control study of hematolymphopoietic malignancies.

[Exposure to agricultural chemicals and oncogenic risk].

A case-control study of non-Hodgkin's lymphoma and the herbicide 2,4-dichlorophenoxyacetic acid (2,4-D) in eastern Nebraska.

Soft tissue sarcoma and occupational exposures.

Agent Orange: veterans sue to force study.

Effects of pentachlorophenol and other chemical preservatives on the health of wood-treating workers in Hawaii.

[Free radicals in industrial medicine: their mechanisms of toxicity and biological relevance].

[The effect of chronic butyphos poisoning on protein and nucleic acid synthesis in various rat organs and activity of blood cholinesterase].

Military working dogs may be a sentinel for human cancer.

Chronic toxicity and oncogenicity of picloram in Fischer 344 rats.

Summary of safety evaluation toxicity studies of glufosinate ammonium.

In vitro studies of aldehyde effects related to human respiratory carcinogenesis.

Reappraisal of the findings on Agent Orange by the Australian Royal Commission.

Cancer risks. War is unhealthy, US finds.

Mortality study of Canadian male farm operators: non-Hodgkin's lymphoma mortality and agricultural practices in Saskatchewan.

Herbicides and non-Hodgkin's lymphoma: new evidence from a study of Saskatchewan farmers.

The importance of epithelial uptake systems in lung toxicity.

A novel lung slice system with compromised antioxidant defenses.

[Ethics, politics and interpretation of scientific evidence of health hazards caused by environmental and occupational exposure].

Chronic toxicity of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in mice.

Association between soft tissue sarcomas, malignant lymphomas, and phenoxy herbicides/chlorophenols: evidence from occupational cohort studies.

Pentachlorophenol-associated aplastic anemia, red cell aplasia, leukemia and other blood disorders.

Phenoxy acid herbicides and contaminants: description of the IARC International Register of Workers. IARC Working Group.

Herbicides and cancer: a review and discussion of methodologic issues.

Long-term carcinogenicity bioassay of the herbicide atrazine in F344 rats.

[Agent orange. Passion and reason].

Environmental epidemiology of non-Hodgkin's lymphoma in eastern Nebraska.

Methodologic issues in exposure assessment for case-control studies of cancer and herbicides.

A meta-analysis of exposure to phenoxy acid herbicides and chlorophenols in relation to risk of soft tissue sarcoma.

Role of catalase and oxidative stress in hepatic peroxisome proliferator-induced morphological transformation of Syrian hamster embryo cells.

Health status of Air Force veterans occupationally exposed to herbicides in Vietnam. II. Mortality.

Health status of Air Force veterans occupationally exposed to herbicides in Vietnam. I. Physical health.

Purification of anti-paraquat monoclonal antibodies by affinity chromatography on immobilised hapten.

Induction of superoxide dismutase in leukocytes by paraquat: correlation with age and possible predictor of longevity.

Possible role of acetaldehyde in ethanol-related rectal cocarcinogenesis in the rat.

Fibronectin-mediated Calmette-Guerin bacillus attachment to murine bladder mucosa. Requirement for the expression of an antitumor response.

gamma-Glutamyltranspeptidase-positive rat hepatocytes are protected from GSH depletion, oxidative stress and reversible alterations of collagen receptors.

Oxidative stress and tumour cell proliferation.

Formation of cyclic deoxyguanosine adducts in Chinese hamster ovary cells by acrolein and crotonaldehyde.

Sulfation-dependent formation of N-acetylated and deacetylated DNA adducts of N-hydroxy-4-acetylamino-biphenyl in male rat liver in vivo and in isolated hepatocytes.

Morphological transformation and catalase activity of Syrian hamster embryo cells treated with hepatic peroxisome proliferators, TPA and nickel sulphate.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on cell growth and the secretion of the estrogen-induced 34-, 52- and 160-kDa proteins in human breast cancer cells.

Nuclear Ah receptor from mouse hepatoma cells: effect of partial proteolysis on relative molecular mass and DNA-binding properties.

Inhibition of growth by 2,3,7,8-tetrachlorodibenzo-p-dioxin in 5L rat hepatoma cells is associated with the presence of Ah receptor.

Multiple DNA-binding factors interact with overlapping specificities at the aryl hydrocarbon response element of the cytochrome P450IA1 gene.

Antigen-induced cross-linking of the IgE receptor leads to an association with the detergent-insoluble membrane skeleton of rat basophilic leukemia (RBL-2H3) cells.

[Experimental study of combined effects of benzo(a)pyrene and ortho-cresol on the body].

The murine Cyp1a-1 gene negatively regulates its own transcription and that of other members of the aromatic hydrocarbon-responsive [Ah] gene battery.

Effects of herbimycin A and various SH-reagents on p60v-src kinase activity in vitro.

Potential misclassification in some studies claiming an association between chlorophenol exposure and various malignancies.

Expression of the chloramphenicol acetyltransferase (CAT) reporter gene by the murine Cyp1a-2 (cytochrome P3(450)) promoter in hepatoma cell cultures.

Role of transforming growth factor beta in the proliferative effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on human squamous carcinoma cells.

Heat induces intracellular acidification in human A-431 cells: role of Na(+)-H+ exchange and metabolism.

Dioxin-inducible, Ah receptor-dependent transcription in vitro.

Cytotoxic synergism between trimetrexate and etoposide. Evidence that trimetrexate potentiates etoposide-induced protein-associated DNA strand breaks in L1210 leukemia cells through alterations in intracellular ATP concentrations.

Inhibition of abl oncogene tyrosine kinase induces erythroid differentiation of human myelogenous leukemia K562 cells.

[Microbial secondary metabolites inhibiting oncogene actions].

Equivalent molecular mass of cytosolic and nuclear forms of Ah receptor from Hepa-1 cells determined by photoaffinity labeling with 2,3,7,8-[3H]tetrachlorodibenzo-p-dioxin.

Pesticide exposures and other agricultural risk factors for leukemia among men in Iowa and Minnesota.

Functional analysis of the transcriptional promoter for the CYP1A1 gene.

Confirmation by peptide sequence and co-expression on various cell types of the identity of CD44 and P85 glycoprotein.

Differences in the modulation of P450IA1 and epoxide hydratase expression by benz[a]anthracene and 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse embryo versus mouse hepatoma-derived cell lines.

Regulation of integrin mobility and cytoskeletal association in normal and RSV-transformed chick embryo fibroblasts.

Detection and characterization of [3H]2,3,7,8-tetrachlorodibenzo-p-dioxin binding to Ah receptor in a rainbow trout hepatoma cell line.

An inhibition ELISA for the quantification of collagens type I and type II in cyanogen bromide-digested tissues using fragment-directed antibodies.

Human immunodeficiency virus I-induced expression of P-glycoprotein.

Induction of cytochrome P450IA1 in rat hepatoma cell by polycyclic hydrocarbons and a dioxin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes an extensive alteration of 17 beta-estradiol metabolism in MCF-7 breast tumor cells.

Oxidative injury mediated by the hepatic cytochrome P-450 system in conjunction with cellular iron. Effects on the pathway of haem biosynthesis.

Reversible focal neurologic deficits in severe iron deficiency anemia.

The mechanism of action of alpha-naphthoflavone as an inhibitor of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced CYP1A1 gene expression.

Organization and disorganization of actin filaments in human epidermal keratinocytes: heat-shock treatment and recovery process.

Inhibition of high-density growth arrest in human squamous carcinoma cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

An approach towards understanding the genesis of sunlight-induced skin cancer.

Xenobiotic-inducible expression of murine glutathione S-transferase Ya subunit gene is controlled by an electrophile-responsive element.

G protein gamma subunits contain a 20-carbon isoprenoid.

Effect of rhein on the glucose metabolism of Ehrlich ascites tumor cells.

Analysis of photoaffinity-labeled aryl hydrocarbon receptor heterogeneity by two-dimensional gel electrophoresis.

Effects of FeSO₄ on B16 melanoma cells differentiation and proliferation.

Differential toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C57BL/6J mice congenic at the Ah Locus.

Stable expression of mouse Cyp1a1 and human CYP1A2 cDNAs transfected into mouse hepatoma cells lacking detectable P450 enzyme activity.

Altered calcium homeostasis in irreversibly injured P388D1 macrophages.

Excess of seminomas observed in Vietnam service U.S. military working dogs.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds on the occupied nuclear estrogen receptor in MCF-7 human breast cancer cells.

Occupation and the risk of bladder cancer.

Preferential over-expression of the class alpha rat Ya2 glutathione S-transferase subunit in livers bearing aflatoxin-induced pre-neoplastic nodules. Comparison of the primary structures of Ya1 and Ya2 with cloned class alpha glutathione S-transferase cDNA sequences.

Analysis of the sites in p56lck whose phosphorylation is induced by tetradecanoyl phorbol acetate.

Lack of I-compounds in DNA from a spectrum of Morris hepatomas.

Purification and characterization of a Mr approximately 66,000 lung-derived (paracrine) growth factor that preferentially stimulates the in vitro proliferation of lung-metastasizing tumor cells.

Partial characterization of mechanism of insulin accumulation in H35 hepatoma cell nuclei.

Novel ATP-binding heat-inducible protein of Mr = 37,000 that is sensitive to transformation in BALB/3T3 cells.

Transfer of proteins to membranes facilitates both cyanogen bromide cleavage and two-dimensional proteolytic mapping.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-inducible, Ah receptor-mediated bending of enhancer DNA.

Hormone-dependent phosphorylation of the glucocorticoid receptor occurs mainly in the amino-terminal transactivation domain.

Antitumor activity of T-2 toxin-conjugated monoclonal antibody to murine thymoma.

Studies on the cellular pharmacology of N-(4-methylphenylsulfonyl)-N'-(4-chlorophenyl)-urea.

Intradural granulocytic sarcoma presenting as a lumbar radiculopathy. Case report.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on I-compounds in hepatic DNA of Sprague-Dawley rats: sex-specific effects and structure-activity relationships.

Role of the Ah locus in suppression of cytotoxic T lymphocyte activity by halogenated aromatic hydrocarbons (PCBs and TCDD): structure-activity relationships and effects in C57Bl/6 mice congenic at the Ah locus.

Exposure to dioxins as a risk factor for soft tissue sarcoma: a population-based case-control study.

Modification of membrane permeability measured by Texas-Red during cell cycle progression and differentiation.

Risk factors for squamous cell carcinoma of the skin in Saskatchewan, Canada.

A 42-kD tyrosine kinase substrate linked to chromaffin cell secretion exhibits an associated MAP kinase activity and is highly related to a 42-kD mitogen-stimulated protein in fibroblasts.

Differences in adenosine triphosphate dependency of receptor-mediated endocytosis of alpha 2-macroglobulin and insulin correlate with separate routes of ligand-receptor complex internalization.

Protein chemical analysis of purified murine lamin B identifies two distinct polypeptides B1 and B2.

A latent Mr 94,000 gelatin-degrading metalloprotease induced during differentiation of HL-60 promyelocytic leukemia cells: a member of the collagenase family of enzymes.

Cytosolic-nuclear tumor promoter-specific binding protein (CN-TPBP) in human promyelocytic leukemia cells HL-60.

Activation of heme oxygenase and heat shock protein 70 genes by stress in human hepatoma cells.

Two-year oral chronic toxicity and carcinogenicity study in rats of diets fumigated with methyl bromide.

[Acute myelomonocytic leukemia with mastocytosis in bone marrow].

Histological examination of the temporal bone in medicolegal cases of asphyxia.

Ethylene dichloride: the influence of disulfiram or ethanol on oncogenicity, metabolism, and DNA covalent binding in rats.

Relative toxicity and tumor-promoting ability of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), 2,3,4,7,8-pentachlorodibenzofuran (PCDF), and 1,2,3,4,7,8-hexachlorodibenzofuran (HCDF) in hairless mice.

Evidence for mitochondrial localization of N-(4-methylphenylsulfonyl)-N'-(4-chlorophenyl)urea in human colon adenocarcinoma cells.

Characterization of the Ah receptor mediating aryl hydrocarbon hydroxylase induction in the human liver cell line Hep G2.

The effect of mitochondrial inhibitors on calcium homeostasis in tumor mast cells.

Cellular transport and accumulation of thiotepa.

Enhanced glycosyltransferase activity during thermotolerance development in mammalian cells.

Heat shock and arsenite increase expression of the multidrug resistance (MDR1) gene in human renal carcinoma cells.

Illness, injuries, and deaths from pesticide exposures in California 1949-1988.

A host-mediated in vivo/in vitro assay with peritoneal murine macrophages for the detection of carcinogenic chemicals.

Structural determinants of phenoxazine type compounds required to modulate the accumulation of vinblastine and vincristine in multidrug-resistant cell lines.

Effects of TCDD on embryonic ureteric epithelial EGF receptor expression and cell proliferation.

Effect of inhibitors of cytoplasmic structures and functions on rabies virus infection in vitro.

Mortality and morbidity among Army Chemical Corps Vietnam veterans: a preliminary report.

[The modifying effect of ortho-cresol on benzo(a)pyrene-induced carcinogenesis in mice].

Cancer in Iowa farmers: recent results.

Epidemiologic studies of cancer in agricultural workers.

Unit length as the denominator for quantitation of cell proliferation in nasal epithelia.

Dexamethasone-mediated potentiation of P450IA1 induction in H4IIEC3/T hepatoma cells is dependent on a time-consuming process and associated with induction of the Ah receptor.

The effects of TCDD on receptors for epidermal growth factor, glucocorticoid, and estrogen in Ah-responsive and -nonresponsive congenic mice and the effects of TCDD on estradiol metabolism in a liver tumor promotion model in female rats.

Comparative genetic mechanisms of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced tumors.

The specific DNA binding activity of the dioxin receptor is modulated by the 90 kd heat shock protein.

Uptake and release of calcium ions by heavy sarcoplasmic reticulum fraction of normal and malignant hyperthermia-susceptible human skeletal muscle.

Kinetics of internalization and cytotoxicity of transferrin-neocarzinostatin conjugate in human leukemia cell line, K562.

Thirty-four-year mortality follow-up of BASF employees exposed to 2,3,7,8-TCDD after the 1953 accident.

Monitoring carcinogen actions on DNA by ³²P-postlabeling.

Natural chemicals, synthetic chemicals, risk assessment, and cancer.

Comparative studies on the action of 7-N-[2-[[2-(gamma-L-glutamylamino)ethyl]dithio]ethyl]mitomycin C and of mitomycin C on cultured HL-60 cells and isolated phage and plasmid DNA.

Canadian Farm Operator Study: methodology.

Reversible alteration in the expression of the gap junctional protein connexin 32 during tumor promotion in rat liver and its role during cell proliferation.

Cytotoxicity of lymphokine-activated killer cells against human neuroblastoma cells: modulation by neuroblast differentiation.

Potential of bleomycin cytotoxicity by polyhydric alcohols.

Induction of ethoxyresorufin-O-deethylase and inhibition of glucocorticoid receptor binding in skin and liver of haired and hairless HRS/J mice by topically applied 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The association of selected cancers with service in the US military in Vietnam. III. Hodgkin's disease, nasal cancer, nasopharyngeal cancer, and primary liver cancer. The Selected Cancers Cooperative Study Group.

The association of selected cancers with service in the US military in Vietnam. II. Soft-tissue and other sarcomas. The Selected Cancers Cooperative Study Group.

The association of selected cancers with service in the US military in Vietnam. I. Non-Hodgkin's lymphoma. The Selected Cancers Cooperative Study Group.

Production of tumour-inhibitory lignans in callus cultures of *Podophyllum hexandrum*.

The contribution of N-oxidation to the metabolism of the food-borne carcinogen 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline in rat hepatocytes.

Nature's chemicals and synthetic chemicals: comparative toxicology.

Transport of a large neutral amino acid (phenylalanine) in a human intestinal epithelial cell line: Caco-2.

Mechanisms of cyclophosphamide action on hepatic P-450 expression.

Uptake of the cephalosporin, cephalexin, by a dipeptide transport carrier in the human intestinal cell line, Caco-2.

Self-catalyzed irreversible inactivation of rat hepatic aryl sulfotransferase IV by N-hydroxy-2-acetylaminofluorene.

A prospective toxicity evaluation (COMPACT) on 40 chemicals currently being tested by the National Toxicology Program.

Consideration of both genotoxic and nongenotoxic mechanisms in predicting carcinogenic potential.

Comparison of the intoxication pathways of tumor necrosis factor and diphtheria toxin.

Cellular responses to oxidative stress: the [Ah] gene battery as a paradigm.

Binding of aromatic amines to the rat hepatic Ah receptor in vitro and in vivo and to the 8S and 4S estrogen receptor of rat uterus and rat liver.

Competitive binding affinity of carcinogenic aromatic amines to the rat hepatic aromatic hydrocarbon (Ah) receptor in vitro and potency to induce monooxygenase activity in vivo.

[Ifosfamide-induced urinary bladder lesion and its inhibition by mesna].

Sequence analysis, tissue distribution and regulation by cell depolarization, and second messengers of bovine secretogranin II (chromogranin C) mRNA.

Lysine-329 of murine leukemia virus reverse transcriptase: possible involvement in the template-primer binding function.

Intracellular accumulation of azithromycin by cultured human fibroblasts.

ATP-sensitive K⁺ channels reveal the effects of intracellular chloride variations on cytoplasmic ATP concentrations and mitochondrial function.

Age-related DNA modifications (I-compounds): modulation by physiological and pathological processes.

A physiological pharmacokinetic description of the tissue distribution and enzyme-inducing properties of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat.

Isolation of viable intestinal epithelial cells and their use for in vitro toxicity studies.

NTP Toxicology and Carcinogenesis Studies of Iodinated Glycerol (Organidin(R)) (CAS No. 5634-39-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

[Organic-chemical air pollutants indoors--aspects of environmental toxicologic evaluation].

Kinetic studies of plasminogen activation by epithelial tissue plasminogen activator.

Glutathione conjugation and cytochrome P-450 metabolism of methyl chloride in vitro.

Induction of heat shock proteins as a measure of chemical cytotoxicity.

Dioxin levels in adipose tissues of hospitalized women living in the south of Vietnam in 1984-89 with a brief review of their clinical histories.

Oxidative stress induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Metabolism and pulmonary toxicity of cyclophosphamide.

Transcriptional regulation of 3-methylcholanthrene-inducible P-450 gene responsible for metabolic activation of aromatic carcinogenes.

Placental markers of human exposure to polychlorinated dibenzofurans and polychlorinated biphenyls: implications for risk assessment.

Carcinogenic activity associated with halogenated acetones and acroleins in the mouse skin assay.

Paraquat resistance associated with reduced NADPH reductase in an energy-dependent paraquat-accumulating cell line.

The boring story of Agent Orange already is outdated.

Carcinogenicity and teratogenicity vs. psychogenicity: psychological characteristics associated with self-reported Agent Orange exposure among Vietnam combat veterans who seek treatment for substance abuse.

Effects of phosphoramidate mustard and acrolein, cytotoxic metabolites of cyclophosphamide, on mouse limb development in vitro.

A morphologic study of Vietnam veterans.

Correction: comparisons of risks of environmental carcinogens.

Cancer risk in a cohort of licensed pesticide users.

Urological complications of cyclophosphamide.

Rat urinary bladder epithelial lesions induced by acrolein.

Phenoxy herbicides and non-Hodgkin's lymphoma in New Zealand: frequency and duration of herbicide use.

Triazine herbicides and ovarian epithelial neoplasms.

Inhibition of spontaneous growth and induced differentiation of murine erythroleukaemia cells by paraquat and atrazine.

The logic of a controversy: the case of Agent Orange in Australia.

Mechanistic studies: their role in the toxicological evaluation of pesticides.

2,4-D, 2,4,5-T, and 2,3,7,8-TCDD: an overview.

Phenoxy herbicides and cancer: insufficient epidemiologic evidence for a causal relationship.

Genotoxicity of selected herbicides.

Paraquat is not accumulated in B16 tumor cells by the polyamine transport system.

Phenoxyacetic acid herbicides and chlorophenols and the etiology of lymphoma and soft-tissue neoplasms.

Tumour initiatory activity of a herbicide diuron on mouse skin.

Modifying effect of cinnamaldehyde and cinnamaldehyde derivatives on cell inactivation and cellular uptake of cis-diamminedichloroplatinum(II) in human NHIK 3025 cells.

Alar in apples.

Structure-activity relationships for unsaturated dialdehydes. 3. Mutagenic, antimicrobial, cytotoxic, and phytotoxic activities of merulidial derivatives.

Resistance of paraquat and adriamycin in human breast tumor cells: role of free radical formation.

Mechanism of reversion of Rous sarcoma virus transformation by herbimycin A: reduction of total phosphotyrosine levels due to reduced kinase activity and increased turnover of p60v-src1.

2,4-D, 2,4,5-T, and 2,3,7,8-TCDD: an overview.

The role of sulfation in the metabolic activation of N-hydroxy-4'-fluoro-4-acetylamino-biphenyl.

Biological activity of 2,4,8-trichlorodibenzofuran: promotion of rat liver foci and induction of cytochrome P-450-dependent monooxygenases.

Antigenic modulation and internalization of monoclonal antibody to human colonic carcinoma cells detected by enzyme-linked immunosorbent assay.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-inducible aryl hydrocarbon receptor-mediated change in CYP1A1 chromatin structure occurs independently of transcription.

A highly potent antiangiogenic activity of retinoids.

Photoaffinity labeling of the nuclear Ah receptor from mouse Hepa 1c1c7 cells using 2,3,7,8-[3H]tetrachlorodibenzo-p-dioxin.

Species and strain sensitivity to the induction of peroxisome proliferation by chloroacetic acids.

Induction of endonucleolytic DNA cleavage in human acute myelogenous leukemia cells by etoposide, camptothecin, and other cytotoxic anticancer drugs: a cautionary note.

Protein kinase-C-induced down-regulation of calcitonin receptors and calcitonin-activated adenylate cyclase in T47D and BEN cells.

Characterization of mammalian type IX collagen fragments from limited pepsin digests of a transplantable swarm rat chondrosarcoma.

Effects of the beta-isomer of hexachlorocyclohexane on estrogen-sensitive human mammary tumor cells.

[Noncirrhotic liver fibrosis after chronic arsenic poisoning].

The potential role of DNA methylation in the response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Cellular transport and accumulation of thiotepa in murine, human, and avian cells.

Evaluation of the carcinogenic potential of pesticides. 1. Acifluorfen.

Cytosolic thyroid hormone-binding protein is a monomer of pyruvate kinase.

Interaction of mammalian cells with polymorphonuclear leukocytes: relative sensitivity to monolayer disruption and killing.

Stabilization of ornithine decarboxylase in erythroleukemia cells depleted of ATP.

Mechanism of transport and intracellular binding of porfiromycin in HCT 116 human colon carcinoma cells.

Purification and characterization of recombinant human parathyroid hormone-related protein.

Occupation and lymphoid neoplasms.

Transcriptional start site in the mouse Cyp1a1 (cytochrome P1450) gene.

Modifications of the effect of bleomycin in the somatic mutation and recombination test in *Drosophila melanogaster*.

Intracellular distribution and pharmacokinetics of daunorubicin in anthracycline-sensitive and -resistant HL-60 cells.

Structure-dependent induction of aryl hydrocarbon hydroxylase in human breast cancer cell lines and characterization of the Ah receptor.

Nigexine, a phospholipase A2 from cobra venom with cytotoxic properties not related to esterase activity. Purification, amino acid sequence, and biological properties.

Suppression of aryl hydrocarbon hydroxylase activity in human primary lung carcinoma x mouse hepatoma somatic cell hybrids.

Induction of cytochrome P450-dependent monooxygenase activities in rat hepatoma H-4-IIE cells in culture by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds: mechanistic studies using radiolabeled congeners.

Effect of galactose on interaction of N-(2-hydroxypropyl)methacrylamide copolymers with hepatoma cells in culture: preliminary application to an anticancer agent, daunomycin.

Induction of aryl hydrocarbon hydroxylase and demonstration of a specific nuclear receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in two human hepatoma cell lines.

Effect of sodium arsenite on the induction and turnover of ornithine decarboxylase activity in erythroleukemia cells.

Induction of in vitro differentiation of mouse embryonal carcinoma (F9) and erythroleukemia (MEL) cells by herbimycin A, an inhibitor of protein phosphorylation.

Mortality in an area contaminated by TCDD following an industrial incident.

Retinoid receptor antisense DNAs inhibit alkaline phosphatase induction and clonogenicity in malignant keratinocytes.

Neoplastic transformation of BALB/3T3 cells by metals and the quest for induction of a metastatic phenotype.

Mechanisms of arsenic-induced cell transformation.

Tumor cell permeability to peplomycin.

Subunit structure of the erythropoietin receptor.

Ten-year mortality study of the population involved in the Seveso incident in 1976.

³¹P and ¹³C NMR studies of isolated perfused hematopoietic cells from leukemic mice.

Regulation of mouse CYP1A1 gene expression by dioxin: requirement of two cis-acting elements during induction.

Effect of TCDD on the density of Langerhans cells in murine skin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin enhancement of N-methyl-N'-nitro-N-nitrosoguanidine-induced transformation of rat tracheal epithelial cells in culture.

Affinity purification of active plasminogen activator inhibitor-1 (PAI-1) using immobilized anhydrourokinase. Demonstration of the binding, stabilization, and activation of PAI-1 by vitronectin.

Chronic arsenicism with vitiligo, hyperthyroidism, and cancer.

A critical view of the mechanism(s) of toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin. Implications for human safety assessment.

Induction of cytochrome P450IA1 in mouse hepatoma cells by several chemicals. Phenobarbital and TCDD induce the same form of cytochrome P450.

[The role of various pesticides in nitrosamine-induced carcinogenesis].

Tyrosine phosphorylation of the insulin receptor is not required for receptor internalization: studies in 2,4-dinitrophenol-treated cells.

2-(4'-chlorophenyl)benzothiazole is a potent inducer of cytochrome P450IA1 in a human and a mouse cell line. Anomalous correlation between protein and mRNA induction.

A case-control study of multiple myeloma nested in the American Cancer Society prospective study.

Inhibition of c-myc gene expression in murine lymphoblastoma cells by geldanamycin and herbimycin, antibiotics of benzoquinoid ansamycin group.

Detection of specific binding of [1,6-³H]2,3,7,8-tetrachlorodibenzo-p-dioxin ([³H]TCDD) in human leukocytes using electrofocusing in polyacrylamide gel.

Mast cell chymase. A potent secretagogue for airway gland serous cells.

Modulation of 3-methylcholanthrene toxicity in cultured neoplastic keratinocytes by glucocorticoids and retinoids is not accounted for by macromolecular adduct formation.

The human 32-kDa stress protein induced by exposure to arsenite and cadmium ions is heme oxygenase.

The effect of a chalcogenopyrylium dye with and without photolysis on mitochondrial function in normal and tumor cells.

Purification and characterization of the 180-kDa membrane guanylate cyclase containing atrial natriuretic factor receptor from rat adrenal gland and its regulation by protein kinase C.

Role of differential drug uptake, efflux, and binding of etoposide in sensitive and resistant human tumor cell lines: implications for the mechanisms of drug resistance.

Inducible (class 3) aldehyde dehydrogenase from rat hepatocellular carcinoma and 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated liver: distant relationship to the class 1 and 2 enzymes from mammalian liver cytosol/mitochondria.

Cancer incidence of workers in a Finnish sawmill.

Dynamics of epidermal growth factor receptor internalization studied by Nanovid light microscopy and electron microscopy in combination with immunogold labeling.

Update of mortality among chemical workers with potential exposure to the higher chlorinated dioxins.

The role of "negative" epidemiology data in the evaluation of risk.

Loss of a calcium requirement for protein synthesis in pituitary cells following thermal or chemical stress.

Induction of erythroid differentiation of K562 human leukemic cells by herbimycin A, an inhibitor of tyrosine kinase activity.

Serum-free culture of insulin-secreting clonal cells from a hamster insulinoma.

Effect of growth state, tumor promoters, and transformation upon intercellular communication between C3H/10T1/2 murine fibroblasts.

Regulation of cytochrome P1-450 gene expression in mouse hepatoma cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Development and validation of a cellular transplant model for leukemia in Fischer rats: a short-term assay for potential anti-leukemic chemicals.

Activation of transcription as a general mechanism of 2,3,7,8-tetrachlorodibenzo-p-dioxin action.

Identification of aneuploidy-inducing agents using cytokinesis-blocked human lymphocytes and an antikinetochores antibody.

Purification of human urine colony-stimulating factor by affinity chromatography.

The epidemiology of non-Hodgkin's lymphoma in the north-east of Italy: a hospital-based case-control study.

Monitoring of genetic instability in subjects with increased risk of cancer.

Minnesota Highway Maintenance Worker Study: cancer mortality.

Activation of cytochrome P450IA1 gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin in wild-type and high-activity variant mouse hepatoma cells.

[Synthesis and antimalarial as well as antitumor activities of 1-methyl-2,4-diamino-6-(N-methyl-substituted benzylamion) quinazolinium iodides].

2,4-D, 2,4,5-T, and 2,3,7,8-TCDD: an overview.

Use of rat liver altered focus models for testing chemicals that have completed two-year carcinogenicity studies.

Iodine-131 MIBG scintigraphy in small cell lung cancer.

Ligand-dependent interaction of the dioxin receptor with target DNA.

Synthesis of ¹¹C-labelled thymidine for tumor visualization using positron emission tomography.

Specific protein-DNA interactions at a xenobiotic-responsive element: copurification of dioxin receptor and DNA-binding activity.

Differential [³²P]-labeling of chemically induced stress proteins in S-phase mouse lymphoma cells.

Differential phosphate labeling of stress protein polypeptides in toxic dose response during S-phase of mouse lymphoma cells: a micro-electrophoretic study.

Relation between cytochrome P450IA1 expression and estrogen receptor content of human breast cancer cells.

The binary toxin produced by *Clostridium botulinum* enters cells by receptor-mediated endocytosis to exert its pharmacologic effects.

The neutrophil chemoattractant produced by the rat kidney epithelioid cell line NRK-52E is a protein related to the KC/gro protein.

Involvement of reactive oxygen metabolites in the candidacidal activity of human neutrophils stimulated by muramyl dipeptide or tumor necrosis factor.

Diaziquone-induced cytotoxicity in isolated rat hepatocytes.

Assessing risks and preventing disease from environmental chemicals.

Decreased activation of carcinogens in the liver of carcinogen-resistant rats.

Micro-scission of YAC tumor cells during antibody-dependent cellular cytotoxicity mediated by human neutrophils.

Purification and characterization of a platelet-derived growth factor and heavy metal-modulated nuclear protein.

Sulphotransferase-mediated activation of the carcinogen 5-hydroxymethyl-chrysene. Species and sex differences in tissue distribution of the enzyme activity and a possible participation of hydroxysteroid sulphotransferases.

Irreversible inhibition of v-src tyrosine kinase activity by herbimycin A and its abrogation by sulfhydryl compounds.

Biochemical mechanism of GSH depletion induced by 1,2-dibromoethane in isolated rat liver mitochondria. Evidence of a GSH conjugation process.

Effects of the new nitrosourea derivative, fotemustine, on the glutathione reductase activity in rat tissues in vivo and in isolated rat hepatocytes.

Herbimycin A suppresses the reduction of gap-junctional intercellular communication induced by tumor-promoting phorbol ester in 3T3-L1 cells.

[Urinary bioavailability of sodium-2-mercaptoethanesulfonate (Uromitexan) following intravenous, subcutaneous and continuous subcutaneous administration].

Carcinogens induce intrachromosomal recombination in yeast.

Homology between the cDNAs encoding phosphoprotein p19 and SCG10 reveals a novel mammalian gene family preferentially expressed in developing brain.

Plasmid-aided insertion of MMTV-LTR and ras DNAs to NIH 3T3 fibroblast cells makes them responsive to 2,3,7,8-TCDD causing overexpression of p21ras and down-regulation of EGF receptor.

Urinary arsenic concentrations and speciation in Cornwall residents.

NTP Toxicology and Carcinogenesis Studies of 2,4-Dichlorophenol (CAS No. 120-83-2) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Release of a volatile factor from solutions of oxazaphosphorines which damage normal and malignant cells.

Detection and characterization of a low affinity form of cytosolic Ah receptor in livers of mice nonresponsive to induction of cytochrome P1-450 by 3-methylcholanthrene.

Prevention of cytotoxicity and inhibition of intercellular communication by antioxidant catechins isolated from Chinese green tea.

Polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans: the risks to human health. A review.

Development and validation of the spiral Salmonella assay: an automated approach to bacterial mutagenicity testing.

Phosphotryptic peptide analysis of human progesterone receptor. New phosphorylated sites formed in nuclei after hormone treatment.

Preparation of biologically active platelet-derived growth factor type BB from a fusion protein expressed in *Escherichia coli*.

Induction of hepatic cytochrome P450 gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

³²P-postlabeling assay for carcinogen-DNA adducts and other dna modifications.

NTP Toxicology and Carcinogenesis Studies of Two Pentachlorophenol Technical-Grade Mixtures (CAS No. 87-86-5) in B6C3F1 Mice (Feed Studies).

Induction of ovalbumin-specific cytotoxic T cells by in vivo peptide immunization.

Effect of *Embllica officinalis* Gaertn. (Indian gooseberry) fruit extract on sodium azide and 4-nitro-o-phenylenediamine induced mutagenesis in *Salmonella typhimurium*.

Mutagenicity tests with a permeable mutant of yeast on carcinogens showing false-negative in *Salmonella* assay.

[Features of ultrastructural changes of tumor cells in tissue culture under the effect of energy metabolism inhibitors].

Embryotoxicity of phenyl ketone analogs of cyclophosphamide.

Metabolism of transplacental carcinogens.

The use of multiple endpoints to define the mechanism of action of reproductive toxicants and germ cell mutagens.

The in vitro metabolites of 2,4,6-trichlorophenol and their DNA strand breaking properties.

Membrane oxidative metabolism of human eosinophilic cell line EoL-1 in response to phorbol diester and formyl peptide: synergistic augmentation by interferon-gamma and tumor necrosis factor.

Polychlorinated biphenyls (PCBs): mutagenicity and carcinogenicity.

Nucleic acid binding and mutagenicity of active metabolites of 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline.

Health and reproductive outcomes among American Legionnaires in relation to combat and herbicide exposure in Vietnam.

Evaluation of the carcinogenic risk of the phenoxyherbicide MCPA to an urodele amphibian.

Inter-rater agreement in the assessment of occupational exposure to herbicides.

Inhibition of mouse hepatocyte intercellular communication by paraquat-generated oxygen free radicals.

[The mutagenicity of organic microcontaminants in the environment. I. The mutagenicity of selected herbicides and insecticides in the Salmonella microsome test (Ames test) with regard to the pathogenic potency of contaminated ground and drinking water].

Geographical variation in lymphoma incidence.

Pathobiological effects of acrolein in cultured human bronchial epithelial cells.

A legacy from Vietnam.

Alveolar cell carcinoma in a cook.

Induction of hepatic peroxisome proliferation in mice by lactofen, a diphenyl ether herbicide.

[Penta-chlorophenol (Xylophene) poisoning].

Synergistic cell inactivation of human NHIK 3025 cells by cinnamaldehyde in combination with cis-diamminedichloroplatinum(II).

Superoxide mediates the toxicity of paraquat for cultured mammalian cells.

Cause specific mortality among employees engaged in the manufacture, formulation, or packaging of 2,4-dichlorophenoxyacetic acid and related salts.

Genotoxicity of a variety of hydrazine derivatives in the hepatocyte primary culture/DNA repair test using rat and mouse hepatocytes.

Risk of malignant lymphoma in Swedish agricultural and forestry workers.

Carcinogenicity and genotoxicity of the herbicide 2,4,5-trichlorophenoxyethanol (TCPE) contaminated with dioxin.

Agent-specific ras oncogene activation in rat thyroid tumours.

The role of N-sulfation in the N-hydroxy-2-acetylaminofluorene-mediated outgrowth of diethylnitrosamine-initiated hepatocytes to gamma-glutamyltranspeptidase-positive foci in male rat liver.

Ultrastructural localization of platelet-derived growth factor and related factors in normal and transformed cells.

pH homeostasis in promyelocytic leukemic HL60 cells.

In vitro/in vivo effects of Mesna on the genotoxicity and toxicity of cyclophosphamide--a study aimed at clarifying the mechanism of Mesna's anticarcinogenic activity.

Mutagenicity and in vitro covalent DNA binding of 2-hydroxyamino-3-methylimidazo[4,5-f]quinoline.

DNA adduct formation by alachlor metabolites.

Enhancement of 2- and 16 alpha-estradiol hydroxylation in MCF-7 human breast cancer cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Altered regulation of P-450IA1 expression in a multidrug-resistant MCF-7 human breast cancer cell line.

Organ-specific effects of long term feeding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 1,2,3,7,8-pentachlorodibenzo-p-dioxin on I-compounds in hepatic and renal DNA of female Sprague-Dawley rats.

Investigation of the effects of heat shock and agents which induce a heat shock response on the induction of differentiation of HL-60 cells.

The aromatic hydrocarbon receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin and variable levels of induced aryl hydrocarbon hydroxylase activity in clones of mouse hepatoma cells.

Physicochemical characterization of the nuclear form of Ah receptor from mouse hepatoma cells exposed in culture to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The DNA recognition site for the dioxin-Ah receptor complex. Nucleotide sequence and functional analysis.

Altered production of the active oxygen species is involved in enhanced cytotoxic action of acylated derivatives of ascorbate to tumor cells.

Neuronal cell differentiation of human neuroblastoma cells by retinoic acid plus herbimycin A.

Increases in cytochrome P-450 mediated 17 beta-estradiol 2-hydroxylase activity in rat liver microsomes after both acute administration and subchronic administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin in a two-stage hepatocarcinogenesis model.

Interrelationship of number of glucose carriers and intracellular phosphoribosyl diphosphate level of Ehrlich ascites tumor cells in vitro.

Steroid hormones and medications that alter cancer risks.

A case-control study of brain gliomas and occupational exposure to chemical carcinogens: the risk to farmers.

Inhibition of postconfluent focus production in cultures of MCF-7 human breast cancer cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Induction of heme oxygenase in rat hepatoma cells by exposure to heavy metals and hyperthermia.

Soft tissue sarcoma risk in Swedish licensed pesticide applicators.

A host-dependent temperature-sensitive mutant of Rous sarcoma virus: evidence for host factors affecting transformation.

Suppression of keratinocyte differentiation in SSC-9 human squamous carcinoma cells by benzo[a]pyrene, 12-O-tetradecanoylphorbol-13-acetate and hydroxyurea.

Association of the Ah receptor with the 90-kDa heat shock protein.

Human dioxin-inducible cytosolic NAD(P)H:menadione oxidoreductase. cDNA sequence and localization of gene to chromosome 16.

Characterization and immunoassay of human tumor-associated galactosyltransferase isoenzyme II.

Carcinogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the Syrian golden hamster.

[Mechanism of formation of malonic dialdehyde during liposome interaction with cells].

A proposed occupational exposure limit for 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Science policy choices and the estimation of cancer risk associated with exposure to TCDD.

(De)phosphorylation agents influence 5 alpha-reduction of testosterone in human prostate.

Differential gene expression in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). Noncoordinate regulation of a TCDD-induced aldehyde dehydrogenase and cytochrome P-450c in the rat.

The association between soft tissue sarcomas and exposure to phenoxyacetic acids. A new case-referent study.

The acute toxicity of 2,3,4,7,8-pentachlorodibenzofuran (4PeCDF) in the male Fischer rat.

Mechanism of L-triiodothyronine (T3) uptake by glial C6 cells: regulation by butyrate.

A third genetic locus affecting the Ah (dioxin) receptor.

Effects of t-butyl-4-hydroxyanisole and other phenolic antioxidants on tumoral cells and Trypanosoma parasites.

Isolation and structural characterization of thymosin-beta 4 from a human medullary thyroid carcinoma.

Induction of gene amplification by arsenic.

Protein content and thyroid hormone release in vitro by differentiated thyroid cancer cells in the presence of estradiol, dehydroepiandrosterone, polypeptidic hormones and pesticides.

Multifactorial resistance to adriamycin: relationship of DNA repair, glutathione transferase activity, drug efflux, and P-glycoprotein in cloned cell lines of adriamycin-sensitive and -resistant P388 leukemia.

Increase of daunorubicin and vincristine accumulation in multidrug resistant human ovarian carcinoma cells by a monoclonal antibody reacting with P-glycoprotein.

Monoclonal antibodies to type IV collagenase recognize a protein with limited sequence homology to interstitial collagenase and stromelysin.

Differentiation of erythroid progenitor (CFU-E) cells from mouse fetal liver cells and murine erythroleukemia (TSA8) cells without proliferation.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and polycyclic aromatic hydrocarbons suppress retinoid-induced tissue transglutaminase in SCC-4 cultured human squamous carcinoma cells.

Evidence for two independent pathways of insulin-receptor internalization in hepatocytes and hepatoma cells.

An immunotoxicological evaluation of 4,4'-thiobis-(6-t-butyl-m-cresol) in female B6C3F1 mice. 2. Humoral and cell-mediated immunity, macrophage function, and host resistance.

Microbial amino acid metabolites and bladder cancer: no evidence of promoting activity in man.

Characterization of the Ah receptor and aryl hydrocarbon hydroxylase induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin and benz(a)anthracene in the human A431 squamous cell carcinoma line.

Comparison of gene expression in preneoplastic and neoplastic rat liver to adult, fetal, regenerating, and tumor-promoted liver.

DNA binding properties of dioxin receptors in wild-type and mutant mouse hepatoma cells.

Potential antitumor agents. 54. Chromophore requirements for in vivo antitumor activity among the general class of linear tricyclic carboxamides.

Determination of intermediates, products and cleavage site in the reaction between plasminogen activator inhibitor type-2 and urokinases.

Reversal of transformed phenotypes by herbimycin A in src oncogene expressed rat fibroblasts.

The effect of age on the glucuronidation and toxicity of 4,4'-thiobis(6-t-butyl-m-cresol).

HIV infection and dioxin exposure: risk factors for Kaposi sarcoma and malignant lymphoma?

Landspreading dioxin-contaminated papermill sludge: a complex problem.

Goitrogens and thyroid follicular cell neoplasia: evidence for a threshold process.

Doxorubicin cellular pharmacokinetics and DNA breakage in a multi-drug resistant B16 melanoma cell line.

Glutathione S-transferase Ya subunit gene: identification of regulatory elements required for basal level and inducible expression.

Immunosuppressive effects of dioxin in the development of Kaposi's sarcoma and non-Hodgkin's lymphoma.

Evidence that 2,3,7,8-tetrachlorodibenzo-p-dioxin induces NADPH cytochrome c (P-450) reductase in rat hepatoma cells in culture.

Responses of the L5178Y tk+/tk- mouse lymphoma cell forward mutation assay: III. 72 coded chemicals.

[Is dioxin carcinogenic? A re-evaluation of the risk].

Mortality among California highway workers.

A death-certificate case-control study of non-Hodgkin's lymphoma and occupation in men in North Carolina.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in yellow perch (*Perca flavescens*).

Morphologic lesions and acute toxicity in rainbow trout (*Salmo gairdneri*) treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Farming and exposure to chemicals in male lung cancer patients and their siblings.

cis-Diamminedichloroplatinum(II) accumulation in sensitive and resistant human ovarian carcinoma cells.

Photoaffinity analogues of methotrexate as folate antagonist binding probes.

[Multiple squamous cell cancer as a late effect following arsenic treatment of psoriasis].

Separation and characterization of the subunits of the laminin of EHS sarcoma.

Membrane IgM: interactions with the cortical cytoskeleton in the human lymphoblastoid cell line WiL2.

Forestomach carcinogens: pathology and relevance to man.

Characterization of two similar differential tumor markers based on phosphofructokinase activity arising from the influence of cancer patient serum.

The effects of drugs on the formation of *Theileria annulata* merozoites in vitro.

Dynamic behavior of the transferrin receptor followed in living epidermoid carcinoma (A431) cells with nanovid microscopy.

Observations on the intracellular accumulation of methotrexate and 5-methyltetrahydrofolate in uninduced, dimethylsulphoxide-induced and 1,25-dihydroxyvitamin D₃-induced HL60 cells, and blood-monocyte-derived human macrophages.

Potentially hazardous residues of non-ortho chlorine substituted coplanar PCBs in human adipose tissue.

Induction of cytochrome P-450IA1 gene expression in human breast tumour cell lines.

TCDD receptor ligands present in extracts of urban air particulate matter induce aryl hydrocarbon hydroxylase activity and cytochrome P-450c gene expression in rat hepatoma cells.

Characterization of trimetrexate transport in human lymphoblastoid cells and development of impaired influx as a mechanism of resistance to lipophilic antifolates.

NTP Toxicology and Carcinogenesis Studies of C.I. Acid Orange 3 (CAS No. 6373-74-6) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Antipeptide antibodies recognize c-erbA and a related protein in human A431 carcinoma cells.

Oxidation of N-butyl-N-(3-formylpropyl)nitrosamine to N-butyl-N-(3-carboxypropyl)nitrosamine in rat liver and inhibition by disulfiram.

Ifosfamide and mesna: marginally active in patients with advanced carcinoma of the pancreas.

Transplacental induction of cytochromes P-450IA1 and P-450IA2 by polycyclic aromatic carcinogens: TCDD-binding protein level as the rate-limiting step.

Metabolism and excretion of etoposide in isolated, perfused rat liver models.

Substrate preference of a cytosolic aldehyde dehydrogenase inducible in rat liver by treatment with 3-methylcholanthrene.

Isolation and characterization of a complementary DNA clone for a Mr 32,000 protein which is induced with tumor promoters in BALB/c 3T3 cells.

Regulatory mechanisms of monofunctional and bifunctional anticarcinogenic enzyme inducers in murine liver.

NTP Toxicology and Carcinogenesis Studies of Monuron (CAS No. 150-68-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Factors regulating activation and DNA alkylation by 4-(N-methyl-N-nitrosamino)-1-(3-pyridyl)-1-butanone and nitrosodimethylamine in rat lung and isolated lung cells, and the relationship to carcinogenicity.

Hepatotoxicity of cyclophosphamide in man: pharmacokinetic analysis.

Characteristics and mechanism of neutrophil-mediated cytostasis induced by tumor necrosis factor.

Effects of herbimycin derivatives on src oncogene function in relation to antitumor activity.

Induction of cytotoxic T lymphocytes by primary in vitro stimulation with peptides.

Differential role of reactive oxygen intermediates in photofrin-I- and photofrin-II-mediated photoenhancement of lipid peroxidation in epidermal microsomal membranes.

Induction of hepatic DNA single strand breaks in rats by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Binding characteristics of Ah receptors from rats and mice before and after separation from hepatic cytosols. 7-Hydroxyellipticine as a competitive antagonist of cytochrome P-450 induction.

Localization of high benzaldehyde dehydrogenase activity in rat upper gastrointestinal tract mucosa: a quantitative histochemical study.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on murine skin.

Role of the 4-hydroxy intermediate in the in vitro embryotoxicity of cyclophosphamide and dechlorocyclophosphamide.

Depression in gene expression for poly(ADP-ribose) synthetase during the interferon-gamma-induced activation process of murine macrophage tumor cells.

Effects of sodium azide on sea urchin embryos and gametes.

Cytocidal mechanism of TNF: effects of lysosomal enzyme and hydroxyl radical inhibitors on cytotoxicity.

Neoplastic transformation of Chinese hamster cells in vitro after treatment with flavoring agents.

The problems of environmental hazardous substances: an overview.

The evaluation of trends in soft tissue sarcoma according to diagnostic criteria and consumption of phenoxy herbicides.

Risk of malignant lymphoma in Swedish pesticide applicators.

Soft tissue sarcoma and military service in Vietnam: a case-control study.

Alachlor: health advisory.

Chronic carcinogenesis studies of acrolein and related compounds.

Vietnam veterans and soft tissue sarcoma.

Effect of biphenyl ether herbicides on the formation of mutagenic intermediates from procarcinogens by rainbow trout.

Temperature-dependence of cytotoxicity of several genotoxicants in Chinese hamster V79 cells: bleomycin, paraquat, and some N-alkyl-N-nitrosoureas.

Enhancement of the embryotoxicity of acrolein, but not phosphoramidate mustard, by glutathione depletion in rat embryos in vitro.

Herbicides and cancer.

Soft tissue sarcoma and non-Hodgkin's lymphoma in relation to phenoxyherbicide and chlorinated phenol exposure in western Washington.

Cohort mortality study of chemical workers with potential exposure to the higher chlorinated dioxins.

Occupational risk and the development of premalignant skin lesions among paraquat manufacturers.

Non-Hodgkin's lymphoma and farming: an expanded case-control study.

Agent Orange studies are incomplete.

Phenoxy herbicides and soft-tissue sarcomas in female rice weeders. A population-based case-referent study.

Background and design of a Danish cohort study of workers in phenoxy herbicide manufacture.

Responses of the L5178Y tk⁺/tk⁻ mouse lymphoma cell forward mutation assay to coded chemicals. I: Results for nine compounds.

Effect of aldehyde dehydrogenase inhibitors on the ex vivo sensitivity of human multipotent and committed hematopoietic progenitor cells and malignant blood cells to oxazaphosphorines.

Autoradiographic studies on in vivo covalent binding of N-hydroxy-2-acetylaminofluorene in rat liver containing gamma-glutamyltranspeptidase-positive foci. The effect of the sulfation-inhibitor pentachlorophenol.

Inhibition by pentachlorophenol of the initiating and promoting activities of 1'-hydroxysafrole for the formation of enzyme-altered foci and tumors in rat liver.

Initiation of hepatocarcinogenesis in infant male B6C3F1 mice by N-hydroxy-2-aminofluorene or N-hydroxy-2-acetylaminofluorene depends primarily on metabolism to N-sulfooxy-2-aminofluorene and formation of DNA-(deoxyguanosin-8-yl)-2-aminofluorene adducts.

Use of limited protocols to evaluate the genotoxicity of hazardous wastes in mammalian cell assays: comparison to Salmonella.

Toxic and carcinogenic agents in dry and moist snuff.

Further characterization of the ability of hepatocarcinogens to lower rat liver aryl sulfotransferase activity.

Effects of picloram on xenobiotic biotransformation in rat liver.

Macromolecular binding of the thyroid carcinogen 3-amino-1,2,4-triazole (amitrole) catalyzed by prostaglandin H synthase, lactoperoxidase and thyroid peroxidase.

Induction of genetic tandem duplications in Salmonella by polycyclic aromatic hydrocarbon and amine carcinogens.

Mechanisms of mitochondrial photosensitization by the cationic dye, N,N-bis(2-ethyl-1,3-dioxylene)kryptocyanine (EDKC): preferential inactivation of complex I in the electron transport chain.

A biochemical and kinetic analysis of the interleukin-1 receptor. Evidence for differences in molecular properties of IL-1 receptors.

Biochemically damaged erythroblasts bind natural serum antibodies and activate complement.

Suppression of estrogen-regulated extracellular tissue plasminogen activator activity of MCF-7 cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Mortality among flavour and fragrance chemical plant workers in the United States.

The experimental and clinical pathology of diene conjugation.

Isolation of a calcium-sensitive, 35,000-dalton microfilament- and liposome-binding protein from ascites tumor cell microvilli: identification as monomeric calpactin.

Pleiotropic drug resistance in hepatocytes induced by carcinogens administered to rats.

Alterations in lipid-linked oligosaccharide metabolism in human melanoma cells concomitant with induction of stress proteins.

Adolescent colorectal cancer and dioxin exposure.

ATP requirement for induced tight junction formation in HT 29 adenocarcinoma cells.

Promotion of C3H/10T1/2 morphological transformation by polychlorinated dibenzo-p-dioxin isomers.

Significance of mirex-caused hypoglycemia and hyperlipidemia in rats.

A method to quantitate the relative initiating and promoting potencies of hepatocarcinogenic agents in their dose-response relationships to altered hepatic foci.

Recognition of a purified Mr-40,000 organ-specific immunogen of human lung cancer by class II-restricted T-cells.

Stimulation of DNA synthesis in rat and mouse liver by various tumor promoters.

Tumor accumulation of D-selenomethionine-⁷⁵Se in tumor-bearing mice.

[Drugs inhibiting the function of oncogene products, especially protein tyrosine kinases].

Quantitative stereological evaluation of four histochemical markers of altered foci in multistage hepatocarcinogenesis in the rat.

Regulation of cytochrome P-450c in differentiated and dedifferentiated rat hepatoma cells: role of the Ah receptor.

Alterations in the expression of specific epidermal keratin markers in the hairless mouse by the topical application of the tumor promoters 2,3,7,8-tetrachlorodibenzo-p-dioxin and the phorbol ester 12-O-tetradecanoylphorbol-13-acetate.

The kinetics of phosphoinositide hydrolysis in rat basophilic leukemia (RBL-2H3) cells varies with the type of IgE receptor cross-linking agent used.

Differential endocytosis of fluorescein iso-thiocyanate-concanavalin A by normal and chronic myeloid leukemic granulocytes.

In situ protein-DNA interactions at a dioxin-responsive enhancer associated with the cytochrome P1-450 gene.

Photoaffinity analogues of methotrexate as folate antagonist binding probes. 1. Photoaffinity labeling of murine L1210 dihydrofolate reductase and amino acid sequence of the binding region.

Colony size, cell density and nature of the tumor promoter are critical variables in expression of a transformed phenotype (focus formation) in co-cultures of UV-TDTx and C3H10T1/2 cells.

Enhancement of fibronectin expression by herbimycin A.

TCDD-induced hyperplasia of the ureteral epithelium produces hydronephrosis in murine fetuses.

Cellular uptake and metabolic reduction of pentavalent to trivalent arsenic as determinants of cytotoxicity and morphological transformation.

Magnesium-dependent attachment and neurite outgrowth by PC12 cells on collagen and laminin substrata.

Subcellular localization of the 84,000 dalton heat-shock protein in mouse neuroblastoma cells: evidence for a cytoplasmic and nuclear location.

Uptake and binding of teniposide (VM26) in Krebs II ascites cells.

⁵¹Cr-uptake assay. A sensitive and reliable method to quantitate cell viability and cell death.

Structure-activity studies of the hepatocarcinogenicities of alkenylbenzene derivatives related to estragole and safrole on administration to preweanling male C57BL/6J x C3H/HeJ F1 mice.

Effects of metabolic inhibitors on hormone release, cyclic AMP levels, and oxygen consumption in rat pituitary cells in culture.

Phorbol ester-induced inhibition of cyclic GMP formation mediated by muscarinic receptors in murine neuroblastoma cells.

Plasminogen activator inhibitors from placenta and fibrosarcoma cells are antigenically different as evaluated with monoclonal and polyclonal antibodies.

Growth inhibitory effect of sodium azide in chemosensitivity assays.

Carcinogenic effects of infantile and long-term 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment in the mouse.

The effect of arsenic on urethan-induced adenoma formation in Swiss mice.

Stress-induced thermotolerance of the cytoskeleton of mouse neuroblastoma N2A cells and rat Reuber H35 hepatoma cells.

The receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in the mouse hepatoma cell line Hepa 1c1c7. A comparison with the glucocorticoid receptor and the mouse and rat hepatic dioxin receptors.

Cell cycle-specific effects of sodium arsenite and hyperthermic exposure on incorporation of radioactive leucine and phosphate by stress proteins from mouse lymphoma cell nuclei.

Quantitative cancer risk assessments for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Clinical reports on plasma exchange in the Kidney Center, Tokai University School of Medicine.

A nonendocytotic mechanism for the selective uptake of high density lipoprotein-associated cholesterol esters.

A serine proteinase inhibitor produced by an HTLV I virus-transformed human T lymphocyte line.

Posttreatment with sodium arsenite is coclastogenic in log phase but not in stationary phase.

UVB-induced collagen changes in the skin of the hairless albino mouse.

Alterations of intercellular communication associated with the transformation of C3H/10T1/2 cells.

Internalisation and recycling of the granulocyte-macrophage colony-stimulating factor (GM-CSF) receptor on a murine myelomonocytic leukemia.

Sendai-viral HN and F glycoproteins as probes of plasma-membrane protein catabolism in HTC cells. Studies with fusogenic reconstituted Sendai-viral envelopes.

Use of a sensitive receptor binding assay to discriminate between full-length and truncated human recombinant tumor necrosis factor proteins.

Synthesis, cell growth inhibition, and antitumor screening of 2-(p-n-butylanilino)purines and their nucleoside analogues.

Health effects of pesticides: a review of epidemiologic research from the perspective of developing nations.

Potent effects of the monoclonal antibody-mitomycin C conjugate on human colon cancers.

Exposure to hair dyes and polychlorinated dibenzo-p-dioxins in AIDS patients with Kaposi sarcoma: an epidemiological investigation.

The mechanism and overcoming of resistance in ACNU-resistant sublines of C6 and 9L rat glioma.

Antineoplastic activity of azacarbazoles. II. Effect of alpha-carboline and its derivatives on transplantable animal neoplasms.

Development of resistance and characteristics of a human colon carcinoma subline resistant to mitoxantrone in vitro.

Keynote lecture. Etiologic insights from cancer mapping.

Pesticides and cancer risks in agriculture.

Overdose toxicity studies versus threshold: elements of biology must be incorporated into risk assessment.

Electrophoretic isolation and peptide mapping of collagen types from microsamples of tissue.

The role of necrosis in hepatocellular proliferation and liver tumors.

Effects of ascorbate ions on intracellular fluorescein emission polarization spectra in cancer and normal proliferating cells.

Medical, life-style, and occupational risk factors for prostate cancer.

Triazene metabolism. VI. 3-Azidomethyl-3-alkyl-1-aryltriazenes, a new class of anti-tumour triazene with potential pro-drug applications.

SOS-inducing activity of chemical carcinogens and mutagens in *Salmonella typhimurium* TA1535/pSK1002: examination with 151 chemicals.

Involvement of the prostatic steroid-binding protein in the transfer of ligand to the dioxin receptor.

The cellular uptake and cytotoxicity of chlorambucil-monoclonal antibody conjugates.

An improved method for the inhibition of endogenous peroxidase non-deleterious to lymphocyte surface markers. Application to immunoperoxidase studies on eosinophil-rich tissue preparations.

Alkaloid formation by habituated and tumorous cell suspension cultures of *Catharanthus roseus*.

In vitro antimutagenicity of curcumin against environmental mutagens.

Enhancement of rat liver microsomal metabolism of azoxymethane to methylazoxymethanol by chronic ethanol administration: similarity to the microsomal metabolism of N-nitrosodimethylamine.

Mutagenicity studies of different polycyclic aromatic hydrocarbons: the significance of enzymatic factors and molecular structure.

Consensus topography in the ATP binding site of the simian virus 40 and polyomavirus large tumor antigens.

The binding components for 2,3,7,8-tetrachlorodibenzo-p-dioxin and polycyclic aromatic hydrocarbons. Separation from the rat and mouse hepatic cytosol and characterization of a light density component.

Ultrastructural changes in the respiratory tract of rats following methyl isocyanate inhalation.

Studies on the mechanism of action of diallyl sulfide, an inhibitor of the genotoxic effects of cyclophosphamide.

A critical evaluation of the use of mutagenesis, carcinogenesis, and tumor promotion data in a cancer risk assessment of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Sulphotransferase-mediated covalent binding of the carcinogen 7,12-dihydroxymethylbenz[a]anthracene to calf thymus DNA and its inhibition by glutathione transferase.

Transcriptional control of human cytochrome P1-450 gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin in human tissue culture cell lines.

Covalent binding to DNA and mutagenicity of 2,4-diaminotoluene metabolites produced by isolated hepatocytes and 9000 g supernatant from Fischer 344 rats.

Combinations of mesna with cyclophosphamide or adriamycin in the treatment of mice with tumors.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic and uterine estrogen receptor levels in rats.

Inability of a human lung tumour cell line (A549) to detect chemically induced organ-specific toxicity to the lung.

Monoxygenase induction by various xenobiotics and its influence on rat liver microsomal metabolism of chrysene in comparison to benz[a]anthracene.

[Mutagenicity of aliphatic and aromatic nitro compounds. Industrial materials and related compounds].

The study of mutagenic activity of carcinogens and other chemical agents with *Salmonella typhimurium* assays: testing of 126 compounds.

Relationship of basic research in toxicology to environmental standard setting: the case of polybrominated biphenyls in Michigan.

Mechanism of nitrofen teratogenesis.

Soft tissue sarcomas and military service in Vietnam: a case comparison group analysis of hospital patients.

Lack of genotoxic and cytotoxic effects of the herbicide lenacil on mouse tumor cells and on some *Salmonella typhimurium* strains.

Mortality of workers exposed to 2-methyl-4-chlorophenoxyacetic acid.

EPA proposal on alachlor nears.

Agricultural herbicide use and risk of lymphoma and soft-tissue sarcoma.

Herbicide exposure and cancer.

Case-control study of multiple myeloma and farming.

The Agent Orange controversy after the Evatt Royal Commission.

Nonoccupational risk indicators for astrocytomas in adults.

Health effects of phenoxy herbicides. A review.

The role of pesticides in skin disease.

Storm in a cup of 2,4,5-T.

The impact of inhaled acrolein on hypertension-sensitive and resistant rats.

Carcinogenicity testing of atrazine: preliminary report on a 13-month study on male Swiss albino mice treated by intraperitoneal administration.

Stable dicentric chromosomes induced by chemical mutagens in L5178Y mouse lymphoma cells.

Non-Hodgkin's lymphoma and exposure to phenoxyherbicides, chlorophenols, fencing work, and meat works employment: a case-control study.

Soft tissue sarcoma risk in Swedish agricultural and forestry workers.

Sulfuric acid esters as major ultimate electrophilic and hepatocarcinogenic metabolites of 4-aminoazobenzene and its N-methyl derivatives in infant male C57BL/6J x C3H/HeJ F1 (B6C3F1) mice.

Review of recent Vietnamese studies on the carcinogenic and teratogenic effects of phenoxy herbicide exposure.

Structure-activity relationships of alpha, beta-unsaturated carbonylic compounds.

Delayed health hazards of pesticide exposure.

Occupational exposures to chlorophenoxy herbicides.

Attenuation of cytogenetic damage by 2-mercaptoethanesulfonate in cultured human lymphocytes exposed to cyclophosphamide and its reactive metabolites.

Glutathione depletion as a determinant of sensitivity of human leukemia cells to cyclophosphamide.

Cytotoxicity, DNA cross-linking, and single strand breaks induced by activated cyclophosphamide and acrolein in human leukemia cells.

Metabolism of the "mixed" cytochrome P-450 inducer hexachlorobenzene by rat liver microsomes.

Suppression of synthesis of pro-alpha 1(I) and production of altered pro-alpha 2(I) procollagen subunits in 4-nitroquinoline-1-oxide-transformed fibroblasts.

Soft-tissue sarcomas, malignant lymphomas, and 2,3,7,8-TCDD exposure in Seveso.

Kinetics of uptake and intracellular binding of Cyclosporine A in RAJI cells, in vitro.

Murine plasmacytomas constitute a class of natural heat-shock variants in which the major inducible hsp-68 gene is not expressed.

N-terminal carbamylation of the hyaluronic acid-binding region and the link protein from the chondrosarcoma proteoglycan aggregate.

The structure and cytotoxic activity of herbimycin C.

Two automated procedures for N-acetyl-beta-D-glucosaminidase determination evaluated for detection of drug-induced tubular nephrotoxicity.

Hyperferremia in immunosuppressed patients with acute nonlymphocytic leukemia and the risk of infection.

A comparative study on selected chemical carcinogens for chromosome malsegregation, mitotic crossing-over and forward mutation induction in *Aspergillus nidulans*.

The cytosolic receptor binding affinities and AHH induction potencies of 29 polynuclear aromatic hydrocarbons.

Lack of direct effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on protein kinase C activity in EL4 cells.

Induction of 32- and 34-kDa stress proteins by sodium arsenite, heavy metals, and thiol-reactive agents.

Effects of BHA and related phenols on the forestomach of rats.

Regression of methyl bromide-induced forestomach lesions in the rat.

Polychlorinated dibenzo-p-dioxins: quantitative in vitro and in vivo structure-activity relationships.

[Studies on the mechanism of ACNU resistance in sublines of rat C6 glioma and 9L gliosarcoma in vitro].

Altered levels of laminin receptor mRNA in various human carcinoma cells that have different abilities to bind laminin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) in the environment: human health risk estimation and its application to the Seveso case as an example.

Mitochondrial phototoxicity sensitized by doxycycline in cultured human carcinoma cells.

Tumor killing by human alveolar macrophages and blood monocytes. Decreased cytotoxicity of human alveolar macrophages.

Reversible inactivation of the Ah receptor associated with changes in intracellular ATP levels.

Intracellular location of the Ah receptor.

Protein and cDNA sequence of a glycine-rich, dimethylarginine-containing region located near the carboxyl-terminal end of nucleolin (C23 and 100 kDa).

Heat stress proteins and experimental cancer metastasis.

Effect of mouse skin tumor promoters upon [³H]uridine exchange and focus formation in cultures of C3H/10T1/2 mouse fibroblasts.

Chemically induced resistance to heat treatment and stress protein synthesis in cultured mammalian cells.

Cross-linking of IgE-receptor complexes at the cell surface: a fluorescence method for studying the binding of monovalent and bivalent haptens to IgE.

Methylation differences in the murine P1450 and P3450 genes in wild-type and mutant hepatoma cell culture.

Procarcinogen activation by rat and human mammary extracts.

Phenotypic change from transformed to normal induced by benzoquinonoid ansamycins accompanies inactivation of p60src in rat kidney cells infected with Rous sarcoma virus.

Calmodulin antagonists inhibit dihydropyridine calcium channel activator (BAY-K-8644) induced cGMP synthesis in pituitary tumor cells.

Induction by phenobarbital in McA-RH7777 rat hepatoma cells of a polycyclic hydrocarbon inducible cytochrome P450.

Control of gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin. Multiple dioxin-responsive domains 5'-ward of the cytochrome P1-450 gene.

The staining of type V collagen obtained from FBJ virus-induced osteosarcoma with concanavalin A.

An anti-carbohydrate monoclonal antibody inhibits cell-substratum adhesion of F9 embryonal carcinoma cells.

Polychlorinated dibenzofurans as 2,3,7,8-TCDD antagonists: in vitro inhibition of monooxygenase enzyme induction.

Comparative evaluation of the effect of pharmacological agents on endocytosis and coendocytosis of IgE by rat basophilic leukaemia cells.

Control of cytochrome P1-450 gene expression: analysis of a dioxin-responsive enhancer system.

Modulation of IgM anti-lymphocyte antibody-reactive T cell surface antigens in systemic lupus erythematosus.

Phenotypic alterations in tumors that developed from threshold subcutaneous inocula. I. Reduced binding of natural antibodies and sensitivity to hypotonic lysis.

Monoclonal antibodies against ricin: effects on toxin function.

Comparative uptake, retention and cytotoxicity of daunorubicin by human myeloid cells.

Plasma membrane potential of murine erythroleukemia cells: approach to measurement and evidence for cell-density dependence.

Regulation of alkaline phosphatase activity in rat hepatoma cells. Effects of serum proteins, cycloheximide, actinomycin D, chloroquine, dinitrophenol and potassium cyanide.

Chemical modification of herbimycin A. Synthesis and in vivo antitumor activities of halogenated and other related derivatives of herbimycin A.

Interaction of monoclonal antibodies with the IgE-receptor on rat mast cells and rat basophilic leukemia (RBL) cells.

BAY-K-8644-stimulated cyclic GMP synthesis in mouse pituitary tumor cells.

Quantitative histochemistry of benzaldehyde dehydrogenase in hepatocellular carcinomas of vinyl chloride-treated rats.

Lung neoplasms in rodents after chronic administration of dimethyl hydrogen phosphite.

Use of the oxidase electrode to determine tumor cell metabolism of peroxide.

Different modes of action of sodium arsenite, 3-aminobenzamide, and caffeine on the enhancement of ethyl methanesulfonate clastogenicity.

Sodium arsenite potentiates the clastogenicity and mutagenicity of DNA crosslinking agents.

Isolation and purification of cyanogen bromide-derived peptides of type II collagen directly from tissue (Swarm chondrosarcoma).

Contribution of drug transport and reductases to daunorubicin resistance in human myelocytic cells.

Occupational exposures to chlorophenols.

P450 genes: evolution, regulation, and relationship to human cancer and pharmacogenetics.

A review of porphyria and cancer and the missing link with human exposure to hexachlorobenzene.

Enhanced repair of O6-methylguanine in liver DNA of rats pretreated with phenobarbital, 2,3,7,8-tetrachlorodibenzo-p-dioxin, ethionine, or N-alkyl-N-nitrosoureas.

Health risk analysis of human exposures to soil amended with sewage sludge contaminated with polychlorinated dibenzodioxins and dibenzofurans.

A critical examination of assumptions used in risk assessments of dioxin contaminated soil.

Synergistic modulation of lymphocyte mitogenesis by carcinogenic xenobiotics.

Immunoaffinity chromatography of carcinogen DNA adducts with polyclonal antibodies directed against benzo[a]pyrene diol-epoxide-DNA.

Ah receptor mediating induction of aryl hydrocarbon hydroxylase: detection in human lung by binding of 2,3,7,8-[3H]tetrachlorodibenzo-p-dioxin.

Hepatocellular uptake of oleate is energy dependent, sodium linked, and inhibited by an antibody to a hepatocyte plasma membrane fatty acid binding protein.

Increase in the synthesis of a Mr 32,000 protein in BALB/c 3T3 cells after treatment with tumor promoters, chemical carcinogens, metal salts, and heat shock.

A simplified method for determination of tritiated thymidine incorporation into cells from tissue in soft agar culture.

Insulin stimulation of glucose metabolism in rat adipocytes: possible implication of protein kinase C.

The role of formaldehyde in hydrazine-induced methylation of liver DNA guanine.

Studies of gene transcription and translation in regenerating rat liver.

Carcinogen-binding proteins in the rat ventral prostate: specific and nonspecific high-affinity binding sites for benzo(a)pyrene, 3-methylcholanthrene, and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Identification of a thrombin sequence with growth factor activity on macrophages.

Synergistic incorporation of daunorubicin in erythrocytes in the presence of polyene antibiotics. Role of the membrane potential.

Phosphorylation and inactivation of rat hepatocyte glycogen synthase by phorbol esters and mezerein.

Relevance of gas and particulate phases of tobacco smoke for lung cancer formation: an experimental study in Syrian golden hamsters.

Studies on the mechanism of gastrointestinal absorption of melphalan and chlorambucil.

Sodium azide is less suitable as a positive control of drug-induced lethality for in vitro clonogenic assays.

[Mutagenic activity of carcinogens and other chemical agents in Salmonella typhimurium tests].

Cause and prevention of mafosfamide-induced venous pain.

Amitrole: strain differences in morphological response of the liver following subchronic administration to mice.

Chloracne and chloracnegens.

Teratogenicity and embryolethality of acrolein and structurally related compounds in rats.

A follow-up study of cancer incidence among workers in manufacture of phenoxy herbicides in Denmark.

[Carcinogenic and mutagenic properties of the herbicide sencor].

[Pentachlorophenol: current knowledge].

Systematically applied chemicals that damage lung tissue.

Herbicides and colon cancer.

The genotoxicity of 2-bromoacrolein and 2,3-dibromopropanal.

The Agent Orange controversy in Australia: a contribution to the debate.

DNA-damaging properties and cytotoxicity in human fibroblasts of tetrachlorohydroquinone, a pentachlorophenol metabolite.

A critical review of the literature on acrolein toxicity.

Health hazards of natural and introduced chemical components of boatbuilding woods.

Occupational exposures associated with male reproductive dysfunction.

Major role of hepatic sulfotransferase activity in the metabolic activation, DNA adduct formation, and carcinogenicity of 1'-hydroxy-2',3'-dehydroestragole in infant male C57BL/6J x C3H/HeJ F1 mice.

Therapy of digoxin intoxication in dogs by specific hemoperfusion through agarose polyacrolein microsphere beads-antidigoxin antibodies.

The effect of the plant cell inhibitor propachlor (alpha-chloro-N-isopropyl-acetanilide) on the cell cycle of L1210 cells as evaluated by flow cytometry.

Inhibition by 3-amino-1H-1,2,4-triazole of hepatic tumorigenesis induced by diethylstilbestrol alone or combined with N-nitrosobutylurea in WF rats.

The initiation of gamma-glutamyltranspeptidase positive foci in the rat liver by N-hydroxy-2-acetylaminofluorene. The effect of the sulfation inhibitor pentachlorophenol.

Restoration of sensitivity to oxazaphosphorines by inhibitors of aldehyde dehydrogenase activity in cultured oxazaphosphorine-resistant L1210 and cross-linking agent-resistant P388 cell lines.

Protective effects of trifluralin on benzo(a)pyrene-induced tumors in A/J mice.

Carcinogens induce genetic tandem duplications in Salmonella.

Identification and quantification of metabolite conjugates of activated cyclophosphamide and ifosfamide with mesna in urine by ion-pair extraction and fast atom bombardment mass spectrometry.

Formaldehyde exposure and respiratory and related cancers. A case-referent study among Finnish woodworkers.

Methylthio-capping of selenocysteamine: preliminary studies on selective toxicity for cancer chemotherapy.

Structure-genotoxic activity relationships of pesticides: comparison of the results from several short-term assays.

Surface functions during mitosis in rat basophilic leukemia cells.

Membrane and cytoskeletal changes associated with IgE-mediated serotonin release from rat basophilic leukemia cells.

Voltammetric measurements of the kinetics of enzymatic reduction of 2, 6-dichlorophenolindophenol in normal and neoplastic hepatocytes using glucose as substrate.

Relationship between intact cell ATP levels and glucocorticoid receptor-binding capacity in the AtT-20 cell.

Autoregulation plus upstream positive and negative control regions associated with transcriptional activation of the mouse P1(450) gene.

Synthesis of [pro alpha 1(IV)]₃ collagen molecules by cultured embryo-derived parietal yolk sac cells.

Comparison of the mouse P(1)450 gene and flanking sequences from a MOPC 41 plasmacytoma and normal liver.

Commentary on 2,3,7,8-tetrachlorodibenzo-para-dioxin (TCDD).

Is 2,3,7,8-TCDD (dioxin) a carcinogen for humans?

Comparison of arsenic-induced cell transformation, cytotoxicity, mutation and cytogenetic effects in Syrian hamster embryo cells in culture.

Amino acid sequence of human tumor derived angiogenin.

Two CEA and three NCA species, although distinguishable by monoclonal antibodies, have nearly identical peptide patterns.

Characterization of human brain S100 protein fraction: amino acid sequence of S100 beta.

ATP depletion and loss of cell integrity in anoxic hepatocytes and silica-treated P388D1 macrophages.

Chemical structure of carbamoylating groups and their relationship to bone marrow toxicity and antiglioma activity of bifunctionally alkylating and carbamoylating nitrosoureas.

Carrier-mediated choline uptake by Krebs II ascites cells.

Effects of toxic chemicals on the respiratory activity of cultured mouse neuroblastoma cells.

The mortality of boot and shoe makers, with special reference to cancer.

Screening of agents which convert 'transformed morphology' of Rous sarcoma virus-infected rat kidney cells to 'normal morphology': identification of an active agent as herbimycin and its inhibition of intracellular src kinase.

Hydrogen peroxide from cellular metabolism of cystine. A requirement for lysis of murine tumor cells by verneolepin, a glutathione-depleting antineoplastic.

Detection and characterization of high affinity plasma membrane receptors for human interleukin 1.

Comparison of aryl hydrocarbon hydroxylase and acetanilide 4-hydroxylase induction by polycyclic aromatic compounds in human and mouse cell lines.

Chloracne, "the hallmark of dioxin intoxication".

Cyclic GMP levels in interferon treated cells.

Superinduction of cytochrome P1-450 gene transcription by inhibition of protein synthesis in wild type and variant mouse hepatoma cells.

Collagen types in fibrosarcoma: absence of type III collagen in reticulin.

Toxicity of chlorinated aromatic compounds in animals and humans: in vitro approaches to toxic mechanisms and risk assessment.

Effects of PCBs and related compounds on hepatocarcinogenesis in rats and mice.

[Pseudotumor cerebri associated with iron-deficiency anemia].

[The effects of site-directed chemotherapy due to E2 as a drug carrier to the human endometrial adenocarcinoma cells in vitro].

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) promotes the transformation of C3H/10T1/2 cells.

The urinary excretion of bacterial amino-acid metabolites by rats fed saccharin in the diet.

Relationship between 3H-histamine uptake and H2-receptors in the human promyelocytic leukemia cell line HL-60.

Control of cytochrome P1-450 gene expression by dioxin.

Cell-cycle-dependent expression of human melanoma membrane antigen analyzed by flow cytometry.

[Dependence of the nature of the action of metabolic inhibitors on ribosomal RNA synthesis in Ehrlich ascites carcinoma cells on cell integrity].

Cellular pharmacology in murine and human leukemic cell lines of diaziquone (NSC 182986).

Pharmacokinetics of elimination of 6-mercaptopurine in the urine of children with acute lymphoblastic leukemia.

Mutations affecting the regulation of transcription of the cytochrome P1-450 gene in the mouse Hepa-1 cell line.

Inducing potency of aryl hydrocarbon hydroxylase activity in human lymphoblastoid cells and mice by polychlorinated dibenzofuran congeners.

Immunoradiometric assay to measure the in vitro penetration of sporozoites of malaria parasites into hepatoma cells.

[Evaluation of the cytotoxicity of solutions on pure cultures of mouse "NM" fibroblasts and ovarian carcinoma cells].

Evaluation of the genotoxic potential of certain pesticides used in Pakistan.

Commentary on 2,3,7,8-tetrachlorodibenzo-para-dioxin (TCDD). Scientific Review Committee of the American Academy of Clinical Toxicology.

[Multiple basalomas as a late consequence of acute iatrogenic arsenic poisoning in childhood].

The effect of various aldehydes on the respiration of rat liver and hepatoma AH-130 cells.

[Effect of hydrophobic compounds on rRNA synthesis in intact cells and isolated nuclei].

Cytotoxicity and negligible genotoxicity of borax and borax ores to cultured mammalian cells.

Chemical mutagenesis testing in *Drosophila*. IV. Results of 45 coded compounds tested for the National Toxicology Program.

[Multiple basalomas following long-term intake of arsenic].

Mutagenicity of methyl bromide in a series of short-term tests.

The role of receptors in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity.

Mutagenesis at the ouabain-resistance locus of 3.7.2C L5178Y cells by chromosomal mutagens.

Lithium ions inhibit function of low- but not high-affinity muscarinic receptors of murine neuroblastoma cells (clone N1E-115).

Analysis of Ah gene locus by somatic cell hybridization: expression of Ah regulatory gene product for 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse L-cell x mouse hepatoma cell hybrids.

Purification of gamma-glutamyltransferases by immunoaffinity chromatography and some properties of the enzymes.

Carcinogenicity study in rats with a mixture of eleven volatile halogenated hydrocarbon drinking water contaminants.

Carcinogenic and mutagenic properties of chemicals in drinking water.

NTP Toxicology and Carcinogenesis Studies of Dimethyl Hydrogen Phosphite (CAS No. 868-85-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Effect of hematoporphyrin derivative on rabbit corneal endothelial cell function and ultrastructure.

NTP Toxicology and Carcinogenesis Studies of 1,2-Dichlorobenzene (o-Dichlorobenzene) (CAS No. 95-50-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Effect of vapor concentration on the disposition of inhaled 2,3-dichloropropene in Fischer-344 rats.

Primary structure of p19 species of avian sarcoma and leukemia viruses.

Genotoxicity of heterocyclic amines in the *Salmonella*/hepatocyte system.

Hormonal regulation of benzo[a]pyrene metabolism in human adrenocortical cell cultures.

[Effect of dioxidine, antineoplastic agents and other mutagens on the precise excision of Tn1 and Tn10 transposons in *E. coli* K12].

Elevation of hepatic microsomal epoxide hydrolase activity by 2-acetylaminofluorene: role of metabolism.

Cytochrome P-450 monooxygenase system. Localization in smooth muscle of rabbit aorta.

N-sulfoxy-2-aminofluorene is the major ultimate electrophilic and carcinogenic metabolite of N-hydroxy-2-acetylaminofluorene in the livers of infant male C57BL/6J x C3H/HeJ F1 (B6C3F1) mice.

The primary structure of bovine cellular retinoic acid-binding protein.

Tumor promoter-stimulated translocation of glucose transport system in mouse embryo fibroblast Swiss 3T3 cell.

Carcinogenicity of diallylnitrosamine following intragastric administration to Syrian hamsters.

The modulation by arylamines of the in vitro formation of superoxide anion radicals and hydrogen peroxide by rat liver microsomes.

In vivo and in vitro metabolism of 2,4-dinitrotoluene in strain A mice.

Nonspecific cytotoxic cells in fish (*Ictalurus punctatus*). V. Metabolic requirements of lysis.

Comparative toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in four (sub)strains of adult male rats.

Use of a new citrulline incorporation assay to investigate inhibition of intercellular communication by 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane in human fibroblasts.

Isolation and characterization of rat liver cytosolic aldehyde dehydrogenases induced by phenanthrene or benzo[a]pyrene.

Formation of glutathione conjugates by reactive metabolites of vinylidene chloride in microsomes and isolated hepatocytes.

Separation of histones by reverse-phase high-performance liquid chromatography: analysis of the binding of carcinogens to histones.

Hyperthermia and other factors increasing sensitivity of *Euglena* to mutagens and carcinogens.

Cyclophosphamide teratogenesis: a review.

[Late results of nuclear and chemical weapons in man].

Phenoxy and picolinic acid herbicides and small-intestinal adenocarcinoma in sheep.

Chronic toxicity, reproductive, and teratogenic studies of hexazinone.

Effect of herbicide 2,4,5-trichlorophenoxyethanol (TCPE) containing dioxin on mutation and induction of sister chromatid exchanges.

Human effects of TCDD exposure.

The epidemiology and toxicology of TCDD.

Soft tissue sarcoma and exposure to phenoxyherbicides and chlorophenols in New Zealand.

Sarcomas of soft tissues after Vietnam service.

Experimental paraquat poisoning--histological, electron microscopic and autoradiographic changes in the lung.

Agent Orange: Australian study continues.

Cancer and occupational exposure to chlorophenols.

Ovarian mesothelial tumors and herbicides: a case-control study.

Induction of sister chromatid exchanges by the peroxisome proliferators 2,4-D, MCPA, and clofibrate in vivo and in vitro.

Evaluation of diallate and triallate herbicides for genotoxic effects in a battery of in vitro and short-term in vivo tests.

Activation mechanism of tris(2,3-dibromopropyl)phosphate to the potent mutagen, 2-bromoacrolein.

Selected responses of hypertension-sensitive and resistant rats to inhaled acrolein.

Usefulness of *Cyprinodon variegatus* and *Fundulus grandis* in carcinogenicity testing: advantages and special problems.

The antispermatogenic effect and toxicity of 2, 4-dinitro-6-tert-butylphenyl methanesulfonate on Sprague-Dawley rat.

Agent Orange study is like a chameleon.

Adenocarcinoma of the lung in Vietnam veterans younger than 35 years.

EPA ends cut and paste toxicology.

Non-mutagenicity of some wood-related compounds in the bacterial/microsome plate incorporation and microsuspension assays.

The effect of the phenoxyacetic acid herbicides 2,4,5-trichlorophenoxyacetic acid and 2,4-dichlorophenoxyacetic acid as ascertained by direct experimentation.

[Polychlorinated dibenzofurans (PCDF): environmental and toxicological aspects].

The effects of hypolipidemic peroxisome proliferators on the induction of sister chromatid exchanges.

Tobacco smoke in the workplace: an occupational health hazard.

Hepatic macromolecular covalent binding of the hepatocarcinogen 2,6-dinitrotoluene and its 2,4-isomer in vivo: modulation by the sulfotransferase inhibitors pentachlorophenol and 2,6-dichloro-4-nitrophenol.

Amitrole-induced cell transformation and gene mutations in Syrian hamster embryo cells in culture.

Paraquat and radiation effects on mouse C3H 10T1/2 cells.

Hepatic macromolecular covalent binding of mononitrotoluenes in Fischer-344 rats.

³²P-post-labelling analysis of DNA adducts formed in the livers of animals treated with safrole, estragole and other naturally-occurring alkenylbenzenes. I. Adult female CD-1 mice.

Modulation of genotoxic and cytotoxic effects of aromatic amines in monolayers of rat hepatocytes.

Activated cyclophosphamide: an enzyme-mechanism-based suicide inactivator of DNA polymerase/3'-5' exonuclease.

Effect of di(2-ethylhexyl) phthalate on DNA repair and lipid peroxidation in rat hepatocytes and on metabolic cooperation in Chinese hamster V-79 cells.

Induction of ornithine decarboxylase and augmentation of tyrosine aminotransferase activity by N-hydroxy-2-acetylaminofluorene and 2-acetylaminofluorene in rat liver. Influence of sex, retinylacetate, indomethacin, and pentachlorophenol.

Hepatic angiosarcoma and bronchioloalveolar carcinoma induced by Fowler's solution.

The nucleotide binding site detected by affinity labeling in the large T proteins of polyoma and SV40 viruses is distinct from their ATPase catalytic site.

Epitopes immunologically related to glycophorin A on human malignant and non-malignant cells in culture.

A novel human myelomonocytoid cell line, P39/Tsugane, derived from overt leukemia following myelodysplastic syndrome.

Histologic changes produced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the skin of mice carrying mutations that affect the integument.

Cross-resistance to rhodamine 123 in Adriamycin- and daunorubicin-resistant Friend leukemia cell variants.

Production of target-specific effector cells using hetero-cross-linked aggregates containing anti-target cell and anti-Fc gamma receptor antibodies.

Evaluation of pesticides which pose carcinogenicity potential in animal testing. II. Consideration of human exposure conditions for regulatory decision making.

[Inhibitor interaction in the suppression of ribosomal RNA synthesis in Ehrlich ascites carcinoma cells].

The cromolyn binding protein constitutes the Ca²⁺ channel of basophils opening upon immunological stimulus.

Cellular pathways of galactose-terminal ligand movement in a cloned human hepatoma cell line.

Biochemical and genetic analysis of variant mouse hepatoma cells which overtranscribe the cytochrome P1-450 gene in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Pharmacologic and genetic studies on the modulatory effects of butylated hydroxytoluene on mouse lung adenoma formation.

[Medical topics: chlorophenol and cancer/spiral bacteria in stomach].

An evaluation of reports of dioxin exposure and soft tissue sarcoma pathology among chemical workers in the United States.

Increase of sensitivity and uptake of vinblastine by reserpine in rat ascites hepatoma.

Chemical modification and antitumor activity of herbimycin A. 8,9-Epoxy, 7,9-cyclic carbamate, and 17 or 19-amino derivatives.

An isozyme-specific selective system for the recovery of mammalian cells deficient in hepatic alcohol dehydrogenase activity.

Enhancing effects of monocytes on modulation of a lymphocyte membrane antigen.

The effectiveness of chemical carcinogens to induce atherosclerosis in the white Carneau pigeon.

[Hodgkin's disease and occupation].

Flow cytometric analysis of proflavine uptake into normal rat hepatocytes and cells arising during AAF-induced hepatocarcinogenesis.

Distribution of different collagen types and fibronectin in neurofibromatosis tumours.

Synergistic effects of antigen and soluble T-cell factors in B-lymphocyte activation.

Isolation and characterization of revertants from four different classes of aryl hydrocarbon hydroxylase-deficient hepa-1 mutants.

Polychlorinated dibenzofurans (PCDFs): effects of structure on binding to the 2,3,7,8-TCDD cytosolic receptor protein, AHH induction and toxicity.

Type of collagen in chordoma.

Selective alkylation of pyrimidylidians: synthesis and purification of ¹¹C labeled thymidine for tumor visualization using positron emission tomography.

Tissue plasminogen activator: peptide analyses confirm an indirectly derived amino acid sequence, identify the active site serine residue, establish glycosylation sites, and localize variant differences.

Nasal cancer and chlorophenols.

Effect of lactoferrin on the growth of a human colon adenocarcinoma cell line--comparison with transferrin.

Soft tissue sarcomas in agriculture and forestry workers.

Modulation of azaserine-induced pancreatic foci by phenolic antioxidants in rats.

Role of the cellular oxidation-reduction state in methotrexate binding to dihydrofolate reductase and dissociation induced by reduced folates.

Oxidative burst-dependent tumoricidal and tumorostatic activities of paraffin oil-elicited mouse macrophages.

Regulation of cytochrome P1-450 gene transcription by 2,3,7, 8-tetrachlorodibenzo-p-dioxin in wild type and variant mouse hepatoma cells.

Effects of 2,4-dinitrophenol and other metabolic inhibitors on the thermograms of Ehrlich ascites carcinoma cells registered with a microcalorimeter.

[Inhibitory analysis of the functions of the oxidative metabolic systems of tumor cells in tissue culture].

Monoclonal antibody to murine gamma interferon inhibits lymphokine-induced antiviral and macrophage tumoricidal activities.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces hyperplasia in confluent cultures of human keratinocytes.

Known occupational carcinogens and their significance.

Cutaneous signs of systemic toxicity due to dioxins and related chemicals.

Hyperthermia, Na+K+ATPase and lactic acid production in some human tumour cells.

Human monocyte-mediated tumor cytotoxicity. I. Demonstration of an oxygen-dependent myeloperoxidase-independent mechanism.

Leads from the MMWR. Porphyria cutanea tarda and sarcoma in a worker exposed to 2,3,7,8-tetrachlorodibenzodioxin-Missouri.

Health effects of dioxin.

Porphyria cutanea tarda and sarcoma in a worker exposed to 2, 3, 7, 8-tetrachlorodibenzodioxin--Missouri.

Interactions between 7-hydroxymethotrexate and methotrexate at the cellular level in the Ehrlich ascites tumor in vitro.

Identification of an anti-monocyte monoclonal antibody that is specific for membrane complement receptor type one (CR1).

Energy requirement for degradation of tumor-associated protein p53.

Opposing effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and hydrocortisone on growth and differentiation of cultured malignant human keratinocytes.

Characteristics of adenine nucleotide fluxes and transport in human tumor mitochondria.

The differential effects of dimethylnitrosamine and ethionine on mitochondrial and extramitochondrial dehydrogenases in single intact cells.

Methylbromide: carcinogenic effects in the rat forestomach.

Purification to homogeneity and partial characterization of interleukin 2 from a human T-cell leukemia.

Acute effects of 12-O-tetradecanoylphorbol-13-acetate, teleocidin B, or 2,3,7,8-tetrachlorodibenzo-p-dioxin on cultured normal human bronchial epithelial cells.

Importance of the route of administration for genetic differences in benzo[a]pyrene-induced in utero toxicity and teratogenicity.

Mortality of workers potentially exposed to organic and inorganic brominated chemicals, DBCP, TRIS, PBB, and DDT.

Improved optical detection of colony enlargement and drug cytotoxicity in primary soft agar cultures of human solid tumour cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin receptors in wild type and variant mouse hepatoma cells. Nuclear location and strength of nuclear binding.

Calcium modifies the accumulation and retention of daunorubicin by Ehrlich ascites carcinoma.

Cytofluorescence localization of adriamycin in resistant colon cancer cells.

Effects of metabolic deprivation on methotrexate transport in L1210 leukemia cells: further evidence for separate influx and efflux systems with different energetic requirements.

Dynamic nature of the association of large tumor antigen and p53 cellular protein with the surfaces of simian virus 40-transformed cells.

Agriculturally-related carcinogenic risk.

Effects of glucose and thiol depletion on chemically-induced peroxide production in mammalian cells.

Transplantation studies on induced and spontaneous nodules from B6C3F1 mouse liver.

Combined measurement and significance of lipid-bound sialic acid and carcinoembryonic antigen in detection of human cancer.

Potency of carcinogens derived from covalent DNA binding and stimulation of DNA synthesis in rat liver.

On the application of cultured neuroblastoma cells in chemical toxicity screening.

Health implications of 2,3,7,8-tetrachlorodibenzodioxin (TCDD) contamination of residential soil.

Plasma therapy of primary rat mammary carcinoma: antitumor activity of tumor-bearer plasma adsorbed against inactivated CNBr sepharose or protein A-sepharose.

Genetic mode of action of cocarcinogens and tumor promoters in yeast and mice.

Decreased induction of aryl hydrocarbon hydroxylase activity in hyperproliferative hairless mouse epidermis.

Incorporation of alpha-fetoprotein by the MCF-7 human breast cancer cell line.

Polychlorinated biphenyls (PCBs) and polybrominated biphenyls (PBBs): biochemistry, toxicology, and mechanism of action.

N-Hydroxy-N-arylamides. I. Toxicity of certain polycyclic and monocyclic N-hydroxy-N-arylamides in rats.

Metabolic processing of 2-acetylaminofluorene by microsomes and six highly purified cytochrome P-450 forms from rabbit liver.

Effects of mitomycin C on metabolism in a rat liver preparation.

Comparative formation of chlorophenol metabolites from hexachlorocyclohexane in mouse and rat in vivo and in vitro.

Rat liver aldehyde dehydrogenase. II. Isolation and characterization of four inducible isozymes.

Species-specific irreversible inhibition of *Neisseria gonorrhoeae* dihydrofolate reductase by a substituted 2,4-diamino-5-benzylpyrimidine.

Antigens encoded by the 3'-terminal region of human T-cell leukemia virus: evidence for a functional gene.

Cyclophosphamide resistance developed in a human melanoma cell line.

Ah receptor in primate liver: binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and carcinogenic aromatic hydrocarbons.

Fine-structure analyses of lipid-protein and protein-protein interactions of gag protein p19 of the avian sarcoma and leukemia viruses by cyanogen bromide mapping.

Gas chromatographic determination of clopidol in chicken tissues.

A tumor promoter induces rapid and coordinated reorganization of actin and vinculin in cultured cells.

Carcinogen-binding proteins. High-affinity binding sites for benzo[a]pyrene in mouse liver distinct from the Ah receptor.

Serum gamma glutamyl transferase as a specific indicator of bile duct lesions in the rat liver.

Respiratory tract lesions induced by sensory irritants at the RD50 concentration.

Further characterization of tumor-promoter-mediated activation of protein kinase C.

The genotoxicity of aromatic amines in primary hepatocytes isolated from C57BL/6 and DBA/2 mice.

Sequence comparison of pepsin-resistant segments of basement-membrane collagen alpha 1(IV) chains from bovine lens capsule and mouse tumour.

Mutagenic activity of some clastogenic chemicals at the hypoxanthine guanine phosphoribosyl transferase locus of Chinese hamster ovary cells.

The use of sodium 2-mercaptoethane sulfonate to prevent cyclophosphamide cystitis.

NMR spectroscopic studies of intermediary metabolites of cyclophosphamide. A comprehensive kinetic analysis of the interconversion of cis- and trans-4-hydroxycyclophosphamide with aldophosphamide and

the concomitant partitioning of aldophosphamide between irreversible fragmentation and reversible conjugation pathways.

[Salmonella tester strain TA104 for the detection of mutagenic and carcinogenic chemicals in our environment].

Binding of benzo(a)pyrene and dibenz(a,h)anthracene to the Ah receptor in mouse and rat hepatic cytosols.

Kinetics of the activation of plasminogen by natural and recombinant tissue-type plasminogen activator.

Rhodamine 123 inhibits bioenergetic function in isolated rat liver mitochondria.

Observations on the effects of cyclophosphamide, phosphoramidate mustard and some activated oxazaphosphorines on murine L1210 leukemia.

Noninvasive assessment of microsomal enzyme activity in occupational medicine: present state of knowledge and future perspectives.

Nitrofen: a review and perspective.

Carcinogenicity and toxicity of 2,4-dichlorophenoxy-acetic acid.

Strong evidence from studies with brachymorphic mice and pentachlorophenol that 1'-sulfoxysafrole is the major ultimate electrophilic and carcinogenic metabolite of 1'-hydroxysafrole in mouse liver.

Medical and morbidity surveillance findings among employees potentially exposed to TCDD.

Evaluation of amitrole (aminotriazole) for potential carcinogenicity in orally dosed rats, mice, and golden hamsters.

RNA synthesis in 2,4,5-T-induced tumors in bean embryos.

Aplastic anemia and red cell aplasia due to pentachlorophenol.

Cytotoxicity of cinnamic aldehyde on leukemia L1210 cells.

Cancer epidemiology of pesticide manufacturers, formulators and users.

Nitrofen.

MCPA.

Fluometuron.

Diallate.

The role of respiratory protection on increased survival of *Treponema pallidum* (Nichols) when cocultivated with mammalian cells in vitro.

Abnormal response of ataxia-telangiectasia cells to agents that break the deoxyribose moiety of DNA via a targeted free radical mechanism.

Preparation and investigation of cross-linked copolymers containing antitumour agents.

Vascular changes in early TSH-induced thyroid tumours in the rat.

Studies in occupational epidemiology: the case for international collaboration.

Phase I clinical study of acetylcysteine's preventing ifosfamide-induced hematuria.

Sulfation and glucuronidation as competing pathways in the metabolism of hydroxamic acids: the role of N,O-sulfonation in chemical carcinogenesis of aromatic amines.

Perinatal hepatocarcinogenesis.

Effect of thiols on toxicity and carcinostatic activity of cyclophosphamide.

Dose-dependent pharmacokinetics: emphasis on phase I metabolism.

Competitive binding to the cytosolic 2,3,7,8-tetrachlorodibenzo-p-dioxin receptor. Effects of structure on the affinities of substituted halogenated biphenyls--a QSAR analysis.

Biochemical modulation of angiogenesis in the chorioallantoic membrane of the chick embryo.

Isolation and characterization of the cyanogen bromide peptides of the collagen 2 alpha chain from a transplantable rat chondrosarcoma.

Energy-dependent reduced drug binding as a mechanism of Vinca alkaloid resistance in human leukemic lymphoblasts.

Different levels of glycosylation contribute to the heterogeneity of alpha 1(II) collagen chains derived from a transplantable rat chondrosarcoma.

DNA-binding domain in adenovirus core protein VII.

Clastogenic and physiological response of chromosomes to nine pesticides in the *Vicia faba* in vivo root tip assay system.

Localization of lipid-protein and protein-protein interactions within the murine retrovirus gag precursor by a novel peptide-mapping technique.

Induction of 7-ethoxycoumarin o-deethylase activity in cultured human epithelial cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): evidence for TCDD receptor.

Induction of mRNA specific for cytochrome P1-450 in wild type and variant mouse hepatoma cells.

Effects of cytochrome P1-450 inducers on the cell-surface receptors for epidermal growth factor, phorbol 12,13-dibutyrate, or insulin of cultured mouse hepatoma cells.

[Relaxation of DNA-protein interactions in mouse lymphoblastic leukemic cells exposed to antineoplastic agents].

Health protection: Toxic agent and radiation control.

Epidemiological study of socioeconomic factors and clinical findings in Hodgkin's disease, and reanalysis of previous data regarding chemical exposure.

The respiration-linked limiting step of tumor cell transition from the non-cycling to the cycling state: its inhibition by oxidizable substrates and its relationships to purine metabolism.

Biochemical and biosynthetic studies of a crystallizable human gamma 1 heavy-chain disease protein.

Tumor initiating activity of 9- and 10-fluoro-7,12-dimethylbenz[a]-anthracene (DMBA) and the effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on tumor initiation by monofluoro derivatives of DMBA in SENCAR mice.

Membrane dynamics in human leukemia and lymphoma cells. pH dependency of diphenylhexatriene fluorescence polarization.

Selected cancer mortality and farm practices in Iowa.

Dioxin exposure and sarcoma.

Relationship between hyperthermia-induced heat-shock proteins and thermotolerance in Morris hepatoma cells.

The control of muscle contracture by the action of dantrolene on the sarcolemma.

Specific gene mutations in L5178Y cells in culture.

Differential proteolysis and evidence for a residue exchange in tissue plasminogen activator suggest possible association between two types of protein microheterogeneity.

Receptor-mediated endocytosis of transferrin in K562 cells.

The current use of studies on promoters and cocarcinogens in quantitative risk assessment.

The role of growth of normal and preneoplastic cell populations for tumor promotion in rat liver.

Immunoperoxidase techniques: the deleterious effect of sodium azide on the activity of peroxidase conjugates.

Characterization of NADPH-cytochrome P-450 reductase in a mouse hepatoma cell line.

Biochemical and genetic analysis of variant mouse hepatoma cells defective in the induction of benzo(a)pyrene-metabolizing enzyme activity.

N-acetylcysteine: its bioavailability and interaction with ifosfamide metabolites.

Primary structures of three human pancreas peptides with growth hormone-releasing activity.

Investigations for genotoxic effects after exposure to crude 2,4,5-trichlorophenol.

Characterization of the association of tritiated enkephalin with neuroblastoma cells under conditions optimal for receptor down regulation.

A high affinity, calmodulin-responsive ($\text{Ca}^{2+} + \text{Mg}^{2+}$)-ATPase in isolated bone cells.

Enhancement of the skin tumor-initiating activity of polycyclic aromatic hydrocarbons by methyl-substitution at non-benzo 'bay-region' positions.

[Effect of 2,4-dinitrophenol on the synthesis of ribosomal RNA in the cells of Ehrlich ascitic carcinoma under anaerobic conditions].

Tumorigenic effect of sodium arsenite in rat kidney.

The use of a peroxidase electrode to measure the effects of nitro compounds on intact cells.

Usefulness of abrin as a positive control for the human tumor clonogenic assay.

Exposure to polychlorinated dibenzo-p-dioxins and dibenzo-furans in the environment.

Different sensitivity of Zajdela hepatoma mitochondrial ATPase activity to uncouplers in digitonin-treated cells and isolated mitochondria.

Characterization of messenger RNA specific for carcinoembryonic antigen.

Physicochemical characterization of specific and nonspecific polyaromatic hydrocarbon binders in rat and mouse liver cytosol.

Effects of propylthiouracil on urinary metabolites of cyclophosphamide in rats.

Inhibitory effects of anthracenedione antineoplastic agents on hepatic and cardiac lipid peroxidation.

Kinetics of N- and C-hydroxylations of 2-acetylaminofluorene in male Sprague-Dawley rat liver microsomes: implications for carcinogenesis.

Ultimate forms of mutagenic and carcinogenic heterocyclic amines produced by pyrolysis.

Significance of energy metabolism pathways for stimulation of DNA synthesis by cell migration and serum.

Structure of glycosylated and unglycosylated gag and gag-pol precursor proteins of Moloney murine leukemia virus.

Development of basal and induced aryl hydrocarbon (benzo[a]pyrene) hydroxylase activity in the chicken embryo in ovo.

The nucleotide sequence of rat liver fatty acid binding protein mRNA.

Lack of induction of single-strand breaks in mammalian cells by sodium azide and its proximal mutagen.

Mutagenicity of cyanate, a decomposition product of MNU.

Further mutagenicity studies on pesticides in bacterial reversion assay systems.

Genotoxicity of N-acetylarylamines in the salmonella/hepatocyte system.

Effect of polycyclic aromatic compounds and phorbol esters on ornithine decarboxylase and aryl hydrocarbon hydroxylase activities in mouse liver.

Hepatic microsomal metabolism of the dichloroethanes.

Isophosphoramidate mustard, a metabolite of ifosfamide with activity against murine tumours comparable to cyclophosphamide.

Unequivocal demonstration that malondialdehyde is a mutagen.

The morphological transformation of Syrian hamster embryo cells by chemicals reportedly nonmutagenic to *Salmonella typhimurium*.

[Topics in medicine: phenoxy herbicides and sarcoma].

Pentachlorophenol, an assessment of the occupational hazard.

Herbicides, occupation, and cancer.

Phenoxy herbicides, trichlorophenols, and soft-tissue sarcomas.

Do phenoxy herbicides cause cancer in man?

Thoracic soft-tissue sarcoma in Vietnam veterans exposed to Agent Orange.

Phenoxy acid herbicides cause peroxisome proliferation in Chinese hamsters.

Mortality of 2,4-dichlorophenoxyacetic acid and 2,4,5-trichlorophenoxyacetic acid herbicide applicators in Finland: first report of an ongoing prospective cohort study.

Immunotoxicity of pentachlorophenol (PCP): increased susceptibility to tumor growth in adult mice fed technical PCP-contaminated diets.

Mast cell hyperplasia during goitrogen-induced thyroid growth - a quantitative study.

Polyacrolein microspheres as a new tool in cell biology.

Circadian rhythm of mitotic activity in normal and hyperplastic rat thyroid.

Correlation between the loss of the transformed phenotype and an increase in superoxide dismutase activity in a revertant subclone of sarcoma virus-infected mammalian cells.

Promoting effects of 3-amino-1,2,4-triazole on the development of thyroid tumors in rats treated with N-bis(2-hydroxypropyl)nitrosamine.

2-Haloacrylic acids as indicators of mutagenic 2-haloacrolein intermediates in mammalian metabolism of selected promutagens and carcinogens.

[Comparative study of three lysogenic systems for the testing of potential mutagens and carcinogens].

Heterogeneity of asparagine-linked oligosaccharides of five glycosylation sites on immunoglobulin M heavy chain from mineral oil plasmacytoma 104E.

Asbestos exposure and malignant lymphoma.

Effect of albumin, low temperature and metabolic inhibitors on transport of fatty acids into cultured human leukemic myeloid cells.

Mutagenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin and perfluoro-n-decanoic acid in L5178Y mouse-lymphoma cells.

Bacteria and zymosan opsonized with histone, dextran sulfate, and polyanetholesulfonate trigger intense chemiluminescence in human blood leukocytes and platelets and in mouse macrophages: modulation by metabolic inhibitors in relation to leukocyte-bacteria interactions in inflammatory sites.

Sequence analysis of a growth hormone releasing factor from a human pancreatic islet tumor.

Tumour promotion by TCDD in skin of HRS/J hairless mice.

Characterization of a 40 residue peptide from a human pancreatic tumor with growth hormone releasing activity.

Gliomas and occupational exposure to carcinogens: case-control study.

In vivo resistance towards anthracyclines, etoposide, and cis-diamminedichloroplatinum(II).

Effect of N,N'-diethyl-1,2-bis(2,6-dichloro-4-hydroxyphenyl)ethylenediamines on the 7,12-dimethylbenz[a]anthracene-induced mammary carcinoma of the rat.

Influence of Mycoplasma arginini infection on the induction of aryl hydrocarbon hydroxylase by TCDD in rat hepatoma cell cultures.

Studies on the mechanism of enkephalin receptor down regulation.

PCB isomers and congeners: induction of aryl hydrocarbon hydroxylase and ethoxyresorufin O-deethylase enzyme activities in rat hepatoma cells.

A stable propidium iodide staining procedure for flow cytometry.

Adrenocorticotropin-dependent particulate guanylate cyclase in rat adrenal and adrenocortical carcinoma: comparison of its properties with soluble guanylate cyclase and its relationship with ACTH-induced steroidogenesis.

Differential effects of 2,4-dinitrophenol and valinomycin (+ K⁺) on uncoupler-stimulated ATPase of human tumor mitochondria.

Prolactin receptors in cultured rat mammary tumor cells. Unmasking of cell surface receptors by energy depletion.

Soft-tissue sarcoma, malignant lymphoma, and exposure to phenoxyacids or chlorophenols.

Autocatabolism of surface macromolecules shed by human melanoma cells.

Nonhelical, fibronectin-binding basement-membrane collagen from endodermal cell culture.

Medicinal arsenic and internal malignancies.

Leukemia and farm practices in Iowa.

Uptake, efflux, and hydrolysis of aclacinomycin A in Friend leukemia cells.

Correlation between the rates of aerobic glycolysis and glucose transport, unrelated to neoplastic transformation, in a series of BALB 3T3-derived cell lines.

[Physicochemical and immunochemical properties of heavy chains of immunoglobulin G typical of malignant growth].

Tetrachlorodibenzodioxin: a survey of subjects ten years after exposure.

Interaction of phencyclidine with mouse neuroblastoma cells.

Misonidazole-induced biochemical alterations of mammalian cells: effects on glycolysis.

Characterization of serotonin uptake in cultured pheochromocytoma cells. Comparison with norepinephrine uptake.

Characterization of serotonin uptake in cultured neuroblastoma cells. Difference between differentiated and nondifferentiated cells.

Collagen polymorphism in the normal and diseased blood vessel wall. Investigation of collagens types I, III and V.

Comparative uptake of adriamycin and daunorubicin in sensitive and resistant friend leukemia cells measured by flow cytometry.

The influence of antigen density and a comparison of IgG and IgM antibodies in the anti-complementary modulation of lymphocytic surface immunoglobulin.

Mutagenic evaluation of carcinogens and non-carcinogens in the L5178Y/TK assay utilizing postmitochondrial fractions (S9) from normal rat liver.

Synthesis of pseudo cofactor analogues as potential inhibitors of the folate enzymes.

Stability of hexokinase II in vitro and in ascites tumor cells.

Monoclonal antibody to transferrin receptor blocks transferrin binding and inhibits human tumor cell growth in vitro.

Data on dioxin.

Cancer risks associated with agriculture: epidemiologic evidence.

Production and regulation of enkephalin-like peptides in neuroblastoma x glioma cells.

Isolation of human C-reactive protein and serum amyloid P component.

New considerations on hydrogen peroxide and related substances as food additives in view of carcinogenicity.

Enhancement of hyperthermia-induced cytotoxicity upon ATP deprivation.

Epidemiological study of nasal and nasopharyngeal cancer and their relation to phenoxy acid or chlorophenol exposure.

Molecular steps in the action and regulation of epidermal growth factor: a cellular mitogen.

2,3,7,8-tetrachlorodibenzo-p-dioxin and related halogenated aromatic hydrocarbons: examination of the mechanism of toxicity.

Mortality study of persons exposed to dioxin in a trichlorophenol-process accident that occurred in the BASF AG on November 17, 1953.

Toxicity of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin (TCDD).

Isolation of gamma-glutamyl transpeptidase positive hepatocytes during the early stages of hepatocarcinogenesis in the rat.

Identification and characterization of a high-affinity saturable binding protein for the carcinogen benzo(a)pyrene.

Renal transport of 2'-deoxytubercidin in mice.

Mutagenic, teratogenic and pharmacokinetic properties of cyclophosphamide and some of its deuterated derivatives.

Heterogeneity in the rate of benzo[a]pyrene metabolism in single cells: quantitation using flow cytometry.

Suppression of natural killing in vitro by monocytes and polymorphonuclear leukocytes: requirement for reactive metabolites of oxygen.

Studies on the interaction of bleomycin A2 with rat lung microsomes. II. Involvement of adventitious iron and reactive oxygen in bleomycin-mediated DNA chain breakage.

Complete amino acid sequence of the group-specific antigen gene-encoded phosphorylated proteins of mouse leukemia viruses.

Genetic activity of diethylstilbestrol in *Saccharomyces cerevisiae*: enhancement of mutagenicity by oxidizing agents.

Carcinogenesis Bioassay of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (CAS No. 1746-01-6) in Osborne-Mendel Rats and B6C3F1 Mice (Gavage Study).

Carcinogenesis Bioassay of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (CAS No. 1746-01-6) in Swiss-Webster Mice (Dermal Study).

Comparative evaluation of different pairs of DNA repair-deficient and DNA repair-proficient bacterial tester strains for rapid detection of chemical mutagens and carcinogens.

Assessment of myelotoxicity caused by environmental chemicals.

Role of the bilayer in the shape of the isolated erythrocyte membrane.

The Ah regulatory gene product. Survey of nineteen polycyclic aromatic compounds' and fifteen benzo[a]pyrene metabolites' capacity to bind to the cytosolic receptor.

Transplacental effects of carcinogens and non-carcinogens on activities of pyruvate kinase and lactate dehydrogenase as well as isozymic pattern of LDH in mouse lung.

Effect of 4-dimethylaminomethyl-1-(3-hydroxyphenyl)-1-nonen-3-one hydrochloride and related compounds on respiration in rat liver mitochondria.

The isolation and characterization of a mouse myeloma protein with anti-dextran activity.

Microtubule stability and assembly in living cells: the influence of metabolic inhibitors, taxol and pH.

Non-Hodgkin's lymphoma of the skin and occupational exposure to herbicides.

Preliminary experimental contribution to the study of possible carcinogenic activity of two herbicides containing atrazine-simazine and trifluralin as active principles.

Role of glutathione in the metabolism-dependent toxicity and chemotherapy of cyclophosphamide.

[Early pattern of pulmonary fibrosis following administration of cytostatics and intoxication by paraquat (author's transl)].

Soft-tissue sarcomas, phenoxy herbicides, and chlorinated phenols.

Investigations into the mechanism of paraquat toxicity utilizing a cell culture system.

Inhalation toxicity of acrylic acid.

Soft-tissue sarcomas and exposure to chemical substances: a case-referent study.

Malignant lymphoma and exposure to chemicals, especially organic solvents, chlorophenols and phenoxy acids: a case-control study.

Carcinogenicity of picloram.

2,4,5-T, trichlorophenol, and soft tissue sarcoma.

Repeated exposure to alpha-ethylacrolein vapour: subacute toxicity study in rats.

In vitro transformation of hamster embryo cells by 3-(N-salicyloyl)amino-1,2,4-triazole.

[Pulmonary damage caused by cytostatics and paraquat (author's transl)].

Characterization of the inhibitory effects of the phytotoxic agent propachlor (alpha-chloro-N-isopropyl-acetanilide), on L1210 cell proliferation.

Effect of inhibitors of plant cell division on mammalian tumor cells in vitro.

Mutagenic activity of diallate and triallate determined by a battery of in vitro mammalian and microbial tests.

Activity of pyruvate kinase and lactic acid dehydrogenase in mouse lung after transplacental exposure to carcinogenic and non-carcinogenic chemicals.

Oxidation of phenylhydroxylamine in aqueous solution: a model for study of the carcinogenic effect of primary aromatic amines.

Investigation on cyclophosphamide treatment during the preimplantation period. II. In vitro studies on the effects of cyclophosphamide and its metabolites 4-OH-cyclophosphamide, phosphoramidate mustard, and acrolein on blastulation of four-cell and eight-cell mouse embryos and on their subsequent development during implantation.

Role of sulfation in the formation of DNA adducts from N-hydroxy-2-acetylaminofluorene in rat liver in vivo. Inhibition of N-acetylated aminofluorene adduct formation by pentachlorophenol.

Morphological transformation of C3H/10T1/2 CL8 cells by alkylating agents.

Quantitation of differences between spontaneous and induced liver tumors in mice with an automated image analyzer.

Enhanced suppressor cell activity as a mechanism of immunosuppression by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Improved monitoring system of neutron flux during boron-neutron capture therapy.

Influence of inducers of monooxygenases on cytotoxic efficiency of ellipticine on leukemia L1210 cells.

Synthesis of pro-collagen type II by a xenotransplanted human chondroblastic osteosarcoma.

Folate analogues altered in the C9-N10 bridge region. 18. Synthesis and antitumor evaluation of 11-oxahomoaminopterin and related compounds.

A comparison of purified poly(ADP-ribose) polymerases from Ehrlich ascites tumor cells, pig thymus, and HeLa S3 cells.

Insulin secretion by a transplantable rat islet cell tumour.

[Phenoxyacetic acid, chlorphenols and cancer].

Non-Hodgkin's lymphoma of the scalp in workers exposed to dioxins.

Primary structure of the major human pituitary pro-opiomelanocortin NH₂-terminal glycopeptide. Evidence for an aldosterone-stimulating activity.

Mechanism of natural resistance to vincristine in rat ascites hepatoma AH66.

A non-mitogenic analogue of epidermal growth factor enhances the phosphorylation of endogenous membrane proteins.

Soft tissue sarcomas and chlorinated phenols.

Inhibition of Ca²⁺ of oxidative phosphorylation in myeloid tumor mitochondria.

Enzymatic alterations in mouse hepatic nodules induced by a chlorinated hydrocarbon pesticide.

Characteristics of membrane transport of methotrexate by cultured human breast cancer cells.

Relation of soft-tissue sarcoma, malignant lymphoma and colon cancer to phenoxy acids, chlorophenols and other agents.

An IgM-secreting cell line derived from the mouse plasmacytoma 104E expresses a different VH gene.

A scanning electron microscopic study of the two-step effect of cytochalasin B on Ehrlich ascites tumor cells.

Entactin, a novel basal lamina-associated sulfated glycoprotein.

The role of respiration in tumor cell transition from the noncycling to the cycling state.

Translational products of Moloney murine sarcoma virus RNA: identification of proteins encoded by the murine sarcoma virus src gene.

Adenylate cyclase and guanylate cyclase activity in normal and leukemic human lymphocytes.

Tumor cell anti-oxidant defenses. Inhibition of the glutathione redox cycle enhances macrophage-mediated cytotoxicity.

Enhancement of antitumor activity of glutamine antagonists 6-diazo-5-oxo-L-norleucine and acivicin in cell culture by glutaminase-asparaginase.

Dioxin, chloracne, and soft tissue sarcoma.

Mast cell-mediated tumor-cell cytotoxicity. Role of the peroxidase system.

The accumulation of amino acids by mouse ascites-tumour cells. Dependence on but lack of equilibrium with the sodium-ion electrochemical gradient.

Evidence for a plasma membrane redox system on intact ascites tumor cells with different metastatic capacity.

Vitamin B12-dependent methyltetrahydrofolate: homocysteine methyltransferase activity in normal and leukemic human hematopoietic cells.

The development and prognosis of chronic intoxication by tetrachlordibenzo-p-dioxin in men.

Type IV collagen contains two distinct chains in separate molecules.

Effect of pH on fluorescence polarization of DMSO induced Friend leukemic cells.

Antigenic modulation of lymphocytic surface immunoglobulin yielding resistance to complement-mediated lysis. II. Relationship to redistribution of the antigen.

Arsenic-related hepatic angiosarcoma.

Shedding of tumor cell surface membranes.

5-Fluoro- and 5-chlorocyclophosphamide: synthesis, metabolism, and antitumor activity of the cis and trans isomers.

Studies on the mechanism of denaturation of cytochrome P-450 by cyclophosphamide and its metabolites.

Developmental onset of mixed-function oxidase activity in preimplantation mouse embryos.

Inhibition in vivo of the formation of adducts between metabolites of benzo(a)pyrene and DNA by aryl hydrocarbon hydroxylase inducers.

Alpha-fetoprotein on human peripheral blood lymphocytes does not block complement-dependent lymphocytotoxicity.

Carcinogenicity tests of certain environmental and industrial chemicals.

Enzyme histochemistry and immunohistochemistry on biopsy specimens of pathologic human bone marrow.

Studies of the kinetics of the isolated mitochondrial ATPase using dinitrophenol as a probe.

Studies on mutagenic constituents of apple brandy and various alcoholic beverages collected in western France, a high incidence area for oesophageal cancer.

Alteration of urinary levels of the carcinogen, N-hydroxy-2-naphthylamine, and its N-glucuronide in the rat by control of urinary pH, inhibition of metabolic sulfation, and changes in biliary excretion.

Carcinogenicity studies of selected herbicides.

[Bowen's disease with multiple lesions caused by chronic arsenic poisoning].

[Survey of the death causes in forest workers with and without exposure to phenoxyacid chemicals].

2,4,5-T and cancer.

Dioxin and 2,4,5-T: what are the risks?

Herbicide exposure and tumor mortality. An updated epidemiologic investigation on Swedish railroad workers.

Spermine oxidation products are selectively toxic to fibroblasts in cultures of normal human prostatic epithelium.

Dispute resolution conference on 2,4,5-T.

Action of intensive cigarette smoke inhalations on the rat lung. Role of particulate and gaseous cofactors.

PCP dioxins found to pose health risks.

A mortality analysis of employees engaged in the manufacture of 2,4,5-trichlorophenoxyacetic acid.

Mutagenicity evaluation of chemical pesticides.

Acute leukaemia after exposure to a weed killer, 2-methyl-4-chlorphenoxyacetic acid.

Prevention of isophosphamide-induced urothelial toxicity with 2-mercaptoethane sulphonate sodium (mesnum) in patients with advanced carcinoma.

Physico-chemical, mutagenic and carcinogenic properties of nitrosated urea herbicide metabolites.

Does acrolein contribute to the cytotoxicity of cyclophosphamide?

Optimal fixation conditions for the immunoperoxidase identification of human J chain from tissue sections.

Microtubules in cultured cells; indirect immunofluorescent staining with tubulin antibody.

Mutagenic potency of haloacroleins and related compounds.

Comparison of the mutagenicities of malondialdehyde and the side products formed during its chemical synthesis.

Cooperative programme of the European Economic Community on short-term assays for mutagenicity.

A membrane glycoprotein from human neuroblastoma cells isolated with the use of a monoclonal antibody.

Temperature-dependent cytosol-to-nucleus translocation of the Ah receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in continuous cell culture lines.

Mechanism of the linkage between the electrophoretic mobility and oxygen uptake of ascites tumor cells.

Comparative induction of aryl hydrocarbon hydroxylase activity in vitro by analogues of dibenzo-p-dioxin.

Cultured hepatoma cells as a model system for studying insulin processing and biologic responsiveness.

Histopathologic differences between liver tumors in untreated (C57BL/6 X C3H)F1 (B6C3F1) mice and Nitrofen-fed mice.

Measurement of 5-fluoro-2'-deoxyuridine serum levels by gas chromatography chemical ionization mass spectrometry.

A general characteristic of tumor mitochondria: leakage of endogenous Mg²⁺ on incubation with uncoupler and resultant reduction of uncoupler-stimulated ATPase activity.

Histone 2B can be modified by the attachment of ubiquitin.

Effects of 2,4-dinitrophenol and other metabolic inhibitors on the bidirectional carrier fluxes, net transport, and intracellular binding of methotrexate in Ehrlich ascites tumor cells.

Carcinogenicity of pronamide.

Metabolism of 3,3'-Diiodothyronine and 3'-monoiodothyronine, and effect of potassium cyanide and dinitrophenol and glucuronidation of thyroxine in cultured rat hepatoma cells.

Effects of combined glutamine and serum deprivation on glucose control of hexose transport in mammalian fibroblast cultures.

Lymphocyte capping induced by polycationized ferritin.

T lymphocyte-mediated suppression of myeloma function in vitro. III. Regulation of antibody production in hybrid myeloma cells by T lymphocytes.

Regulation of muscarinic receptor-mediated cyclic GMP synthesis by cultured mouse neuroblastoma cells.

Quantitative evaluation of the promotion by 2,3,7,8-tetrachlorodibenzo-p-dioxin of hepatocarcinogenesis from diethylnitrosamine.

Folate analogues altered in the C9-N10 bridge region. 16. Synthesis and antifolate activity of 11-thiohomoaminopterin.

Mortality experience of employees exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Isolation, characterization and amino acid sequence studies of the cyanogen bromide fragments of the H-2Dd glycoprotein.

Effect of iron therapy on serum ferritin levels in iron-deficiency anemia.

Role of oxygen-dependent mechanisms in antibody-induced lysis of tumor cells by activated macrophages.

Relationship between membrane transport of methotrexate and endogenous cyclic adenosine 3':5'-monophosphate in the Ehrlich ascites tumor.

Discontinuities in the triple helical sequence Gly-X-Y of basement membrane (type IV) collagen.

Energization of amino acid transport in energy-depleted Ehrlich cells and plasma membrane vesicles.

Antibodies specific for histone H2b fragments 1-58 and 63-125 in antisera to H2b and to the fragments: probes for histone evolution.

Processing of prolactin by human breast cancer cells in long term tissue culture.

Time-dependent inhibition by 2,3,7,8-tetrachlorodibenzo-p-dioxin of skin tumorigenesis with polycyclic hydrocarbons.

Characterization of collagen synthesized by normal and chemically transformed rat liver epithelial cell lines.

Antileukemic activity of 2-bis(2-methylthio)vinyl-1-methylquinolinium iodides.

Primary structure of chicken liver dihydrofolate reductase.

[Malignant lymphoma and exposure to chemical substances, in particular organic solvents, chlorophenol and phenoxyacetates].

Actual new cancer-causing hydrazines, hydrazides, and hydrazones.

Consideration of the possible carcinogenicity of some pesticides.

General health effects of prolonged exposure to 3,3',4,4'-tetrachloroazobenzene and 3,3',4,4'-tetrachloroazoxybenzene in rats.

No excess in cancer deaths found in largest group ever studied for long-term effects of dioxin exposure..

Esophagitis caused by oral medication.

Congenital hypothalamic hamartoblastoma, hypopituitarism, imperforate anus and postaxial polydactyly--a new syndrome? Part I: clinical, causal, and pathogenetic considerations.

Examination of bone marrow, immunologic parameters and host susceptibility following pre- and postnatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

The mortality experience of workers exposed to tetrachlorodibenzodioxin in a trichlorophenol process accident.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on macrophage and natural killer cell-mediated cytotoxicity in mice.

Phorbol myristate acetate-induced neutrophil autotoxicity. A comparison with H₂O₂ toxicity.

Catalysis of divergent pathways of 2-acetylaminofluorene metabolism by multiple forms of cytochrome P-450.

Cytotoxicity and DNA cross-linking activity of 4-sulfidocyclophosphamides in mouse leukemia cells in vitro.

Retinoids inhibit 2,3,7,8-tetrachlorodibenzo-p-dioxine-induced activity of benzo[a]pyrene metabolizing enzymes in human diploid fibroblasts.

Isolation and characterization of cyanogen bromide fragments of the A and B chains of the antitumor toxin ricin D.

Bioassay of Fluometuron for Possible Carcinogenicity (CAS No. 2164-17-2).

Bioassay of a Mixture of 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin and 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (Gavage) for Possible Carcinogenicity (CAS No. 57653-85-7; CAS No. 19408-74-3).

Bioassay of a Mixture of 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin and 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (Dermal Study) for Possible Carcinogenicity (CAS No. 57653-85-7; CAS No. 19408-74-3).

Bioassay of Phenol for Possible Carcinogenicity (CAS No.108-95-2).

Effect of carcinogenic and non-carcinogenic chemicals on the activities of four glycolytic enzymes in mouse lung.

Mutagenic activation of N-2-fluorenylacetamide and N-hydroxy-N-2-fluorenylacetamide in subcellular fractions from X/Gf mice.

Effect of human gastric juice on the mutagenicity of chemicals.

Chemical studies of tissue polypeptide antigen (TPA). II. Partial amino acid sequences of cyanogen bromide fragments of TPA subunit B1.

Interaction of cytopathogenic toxin from *Clostridium difficile* with cells in tissue culture.

Mutagenic and carcinogenic effects of pesticides.

The development of mesna for the inhibition of urotoxic side effects of cyclophosphamide, ifosfamide, and other oxazaphosphorine cytostatics.

Absence of arsenite mutagenicity in *E. coli* and Chinese hamster cells.

Mutagenicity of vinyl compounds in *Salmonella typhimurium*.

Cyclophosphamide cystitis. Studies aimed at its minimization.

Occupational exposures to pesticides containing organoarsenicals in California.

The effects of aminotriazole (ATZ) on the thyroid gland and the development of the White Leghorn chick.

Chronic lung disease. Pulmonary fibrosis.

Effects of paraquat aerosol on mouse lung.

Cyclophosphamide cystitis--identification of acrolein as the causative agent.

Results of a two-year chronic toxicity and oncogenic study of rats ingesting diets containing 2,4,5-trichlorophenoxyacetic acid (2,4,5-T).

Case-control study: soft-tissue sarcomas and exposure to phenoxyacetic acids or chlorophenols.

Viets and vets fear herbicide health effects.

Carcinogenicity testing of herbicide 2,4,5-trichlorophenoxyethanol containing dioxin and of pure dioxin in Swiss mice.

[Changes of biochemical processes of the lungs caused by air pollutants (author's transl)].

Role of pesticides in hepatocarcinogenesis.

Toxicity of the herbicides 2,4-D, DEF, propanil and trifluralin to the Dungeness crab, Cancer magister.

The genotoxic effects of 2,4,5-T.

Research related to the herbicide buvinol, especially for possible carcinogenicity.

Review of the toxicology of paraquat (1,1'-dimethyl-4,4'-bipyridinium chloride).

Effects of pesticides on the reticuloendothelial system.

Paraquat-induced DNA damage in mammalian cells.

Differentiation of cultured neuroblastoma cells by urea derivatives.

Cyclophosphamide cystitis and bladder cancer. A hypothesis.

Some effects of atrazine on Ehrlich ascites tumor cells in vitro and in vivo.

IARC monographs on the evaluation of the carcinogenic risk of chemicals to humans: some monomers, plastics and synthetic elastomers, and acrolein.

Effects of enantiomeric homogeneity on the in vitro metabolism and in vivo anticancer activity of (+)- and (-)-cyclophosphamide.

Genetic mechanism accounting for precise immunoglobulin domain deletion in a variant of MPC 11 myeloma cells.

Enhanced efflux of actinomycin D, vincristine, and vinblastine in adriamycin-resistant subline of P388 leukemia.

Immunochemical characterization of the basement membrane glycoprotein laminin.

Cellular accumulation and disposition of aclacinomycin A.

Correlation between metabolic reduction rates and electron affinity of nitroheterocycles.

Pyrolysis products from amino acids and protein: highest mutagenicity requires cytochrome P1-450.

[Case- control study of malignant mesenchymal soft tissue tumors and exposure to chemical substances].

[Existence of several non-specific recognition systems in macrophages].

[Alterations in the survival of x-irradiated cells by 2,4-dinitrophenol depending on ATP deprivation].

Evidence for a large internal pressure in biological membranes.

2,4,5- and 2,4,6-trichlorophenols.

Augmentation of antitumor cytotoxicity of MOPC-315 tumor bearer spleen cells by depletion of dinitrophenol-adherent cells prior to in vitro immunization.

Anticarcinogenic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on benzo(a)pyrene and 7,12-dimethylbenz(a)anthracene tumor initiation and its relationship to DNA binding.

Control of in vitro cytotoxicity of positively charged liposomes.

Insecticide/herbicide exposure, aplastic anaemia, and pseudotumor cerebri.

Expression of the major red cell sialoglycoprotein, glyophorin A, in the human leukemic cell line K562.

Cellular pharmacology of 7(R)-O-methylnogarol: a new anticancer agent.

Induction of enzyme activity in cell culture: a rapid screen for detection of planar polychlorinated organic compounds.

Mode of uptake and degradation of 125I-labelled insulin by isolated hepatocytes and H4 hepatoma cells.

Active efflux of daunorubicin and adriamycin in sensitive and resistant sublines of P388 leukemia.

High-affinity uptake of gamma-aminobutyric acid in cultured glial and neuronal cells.

Long-term toxicologic studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in laboratory animals.

Nature of collagen in dermatofibrosarcoma protuberans.

Purification and characterization of a major component from the cytoplasmic matrix of cultured murine L cells.

Biomolecules bearing the S- or SeAsMe₂ function: amino acid and steroid derivatives.

Isolation and immunochemical characterization of antibodies from the sera of cancer patients which are reactive against human melanoma cell membranes by affinity chromatography.

Capping of surface immunoglobulin on 'hairy cells' is independent of energy production.

Functional studies of hairy cell leukemia (leukemic reticuloendotheliosis).

2,3,7,8-Tetrachlorodibenzo-P-dioxin: potent anticarcinogenic activity in CD-1 mice.

Comparison of rat liver and Walker 256 carcinosarcoma tRNAs.

Molecular properties of T-lymphoma immunoglobulin. III. Peptide composition of the light chain.

Molecular properties of T-lymphoma immunoglobulin. II. Peptide composition of the heavy chain.

The amino acid sequence of dihydrofolate reductase from the mouse lymphoma L1210.

Malignant lymphoma of histiocytic type and exposure to phenoxyacetic acids or chlorophenols.

Abnormal protein synthesis in malignant melanoma cells.

[The difference of drug sensitivity of tumor cells on N-ethyloxycarbonylaminomethyl-L-isoleucine (A-145 (author's transl))].

[Effect of cycloheximide, 2,4-dinitrophenol and papaverine on ribosomal RNA synthesis in Ehrlich ascitic carcinoma cells].

Synthesis of daunorubicin analogues with novel 9-acyl substituents.

Alterations in the survival of X-irradiated cells by 2,4-dinitrophenol depending on ATP deprivation.

Potential of guanosine 3':5'-monophosphate accumulation in C-6 glial tumor cells.

Detection of early lymphocyte activation by the fluorescent cell membrane probe N-phenyl-1-naphthylamine.

Effects of pretreatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin on the capacity of hepatic and extrahepatic mouse tissues to convert procarcinogens to mutagens for Salmonella typhimurium auxotrophs.

An estimate of the maximum in vivo covalent binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin to rat liver protein, ribosomal RNA, and DNA.

Is sodium azide preservative a carcinogen?

Reversal of sodium-azide mutagenicity by liver preparations and by gastric juice.

Ozonation of mutagenic and carcinogenic alkylating agents, pesticides, aflatoxin B1, and benzidine in water.

Affinity cytotoxicity with an alcohol dehydrogenase-antibody conjugate and allyl alcohol.

Metabolic activation/deactivation reactions during perinatal development.

Metabolic activation and deactivation of mutagens and carcinogens.

Detection of carcinogen-induced stimulation of cytochrome P-448-associated enzymes by ¹⁴CO₂ breath analysis studies using dimethylaminoazobenzene.

Uptake of potassium ions by normal and crown-gall-tumor cells of Vinca rosea grown in tissue culture.

Bioassay of calcium cyanamide for possible carcinogenicity.

Bioassay of dibenzo-p-dioxin for possible carcinogenicity.

Bioassay of 2,7-dichlorodibenzo-p-dioxin (DCDD) for possible carcinogenicity.

Bioassay of Nitrofen for Possible Carcinogenicity (CAS No. 1836-75-5).

Mammalian endogenous peroxidases as cellular markers and as biosynthetic endpoints of hormone-mediated activity: viewpoint from cytochemistry.

Comparative toxicology of chlorinated compounds on mammalian species.

[Are we hunting the wrong villain in the cigarette?].

Familial and sporadic Hodgkin's disease associated with occupational wood exposure.

Dietary subacute toxicity of ethylene thiourea in the laboratory rat.

Paraquat lung injury in rabbits.

Co-existence of morbus Hodgkin and aplastic anaemia.

Pulmonary histological appearances in fatal paraquat poisoning.

Carcinogenic bioassay of the herbicide, 2,4,5-trichlorophenoxyethanol (TCPE) with different 2,3,7,8-tetrachlorodibenzo-p-dioxin (dioxin) content in Swiss mice.

Paraquat ingestion and pulmonary injury.

The genetic toxicology of phenoxy acids other than 2,4,5-T.

alpha-aminoisobutyrate transport into cells from R3230AC mammary adenocarcinoma. Evidence for sodium ion-dependent and -independent carrier-mediated entry and effects of diabetes.

Effect of butylated hydroxytoluene and paraquat on urethan tumorigenesis in mouse lung.

Toward less hazardous cigarettes. Current advances.

Comparative effects of aminotriazole on normal and acatalasemic mice.

Carcinogenic and antitumor effects of aminotriazole on acatalasemic and normal catalase mice.

Characteristics of proline transport into R3230AC mammary tumor cells.

An assessment of human exposure to N-nitroso compounds.

Mode of mutagenic action of methylnitrosocyanamide, a potent carcinogen.

Herbicidal phenylalkylureas as possible mutagens I. Mutagenicity tests with some urea herbicides.

Migration of human lymphocytes. II. Variation of lymphocyte distribution.

RNA hybridization to DNA coupled with cyanogen-bromide-activated sephadex. The purification of polyoma messenger RNA.

[Some peculiarities of ATPase in tumor mitochondria].

The hyperpolarizing and depolarizing effects of 2,4-dinitrophenol on Ehrlich cells.

Reversion of transformed glycolysis to normal by inhibition of protein synthesis in rat kidney cells infected with temperature-sensitive mutant of Rous sarcoma virus.

The membrane potential of mouse ascites-tumour cells studied with the fluorescent probe 3,3'-dipropylxadicarbocyanine. Amplitude of the depolarization caused by amino acids.

Uptake and metabolism of thyroid hormones by cultured monkey hepatocarcinoma cells. Effects of potassium cyanide and dinitrophenol.

[Use of *Bacillus megaterium* H. in studying the antitumor properties of new ethyleneimine derivatives of N-dichlorophosphonyliminotri-chloroacetic acid trichlorophosphopolyalkane halides and chloroanhydrides].

2,3,7,8-tetrachlorodibenzo-p-dioxin as cocarcinogen causing 3-methylcholanthrene-initiated subcutaneous tumors in mice genetically "nonresponsive" at Ah locus.

Tumour-necrosis factor from the rabbit. I. Mode of action, specificity and physicochemical properties.

Pancreatic carcinogenesis and naturally occurring pancreatic neoplasms of rats and mice in the NCI carcinogenesis testing program.

Relation of cell type and cell density in tissue culture to the isoaccepting spectra of the nucleoside Q containing tRNAs: tRNA^{Tyr}, tRNA^{His}, tRNA^{Asn} and tRNA^{Asp}.

Methylnitrosophenylurea--a highly carcinogenic compound.

Nasopharyngeal carcinoma associated with long-term arsenic ingestion.

Structural comparison of deoxycytidine kinases purified from cells sensitive (P815) or resistant (P815/ara-C) to 1-beta-D-arabinofuranosylcytosine.

Lack of tumor-promoting ability of certain environmental chemicals in a two-stage mouse skin tumorigenesis assay.

Rat liver aldehyde dehydrogenase--immunochemical identity of 2,3,7,8-tetrachlorodibenzo-p-dioxin inducible normal liver and 2-acetylaminofluorene inducible hepatoma isozymes.

Cytotoxic effects of maleic hydrazide.

Overview of potential mutagenic problems posed by some pesticides and their trace impurities.

Results of a two-year chronic toxicity and oncogenicity study of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats.

Chemical determination of the m1 Moloney sarcoma virus pP60gag gene order: evidence for unique peptides in the carboxy terminus of the polyprotein.

Cancerostatics. III. Synthesis and some chemical transformations of 3-cyano-5(pyridyl-4.)pyrid-2-one.

Testing of known carcinogens and noncarcinogens for their ability to induce unscheduled DNA synthesis in HeLa cells.

Differences in metabolism of vinylidene chloride between mice and rats.

Bioassay of picloram for possible carcinogenicity.

Bioassay of nitrofen for possible carcinogenicity.

Bioassay of trifluralin for possible carcinogenicity.

Bioassay of sulfallate for possible carcinogenicity (CAS No. 95-06-7).

[Occupational liver lesions].

[Malignant mesenchymal tumors and exposure to phenoxy acids -- a clinical observation].

Some fumigants, the herbicides 2,4-D and 2,4,5-T, chlorinated dibenzodioxins and miscellaneous industrial chemicals.

Dialysis and hemoperfusion of poisons and drugs--update.

Effects of exposure to acrolein vapor in hamsters simultaneously treated with benzo[a]pyrene or diethylnitrosamine.

1,1-Dichloroethylene hepatotoxicity: proposed mechanism of action and distribution and binding of ¹⁴C radioactivity following inhalation exposure in rats.

Tumor-initiating ability of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and Arochlor 1254 in the two-stage system of mouse skin carcinogenesis.

Induction of tumors in mice with the herbicide succinic acid 2,2-dimethylhydrazide.

Expression of protein HC on the plasma membrane of different human cell types.

Differentiation of malignant neuroblastoma cells: evidence for a mitochondrial role.

Spectral and metabolic characteristics of mitochondrial fractions from rotenone-induced tumours.

[Preliminary data on the action of sulfonamido-phenoxyacetic acid on the synthesis of nucleic acids and proteins in the brain and liver of normal and cancerous rats].

Chromatographic behavior of several mammalian tRNAs on acylated dihydroxyl-borate cellulose and Aminex A-28.

Identification of collagen alpha1(I) trimer and normal type I collagen in a polyoma virus-induced mouse tumor.

[Some additional facts about thymus (author's transl)].

A reassessment of decreased amino acid accumulation by Ehrlich ascites tumor cells in the presence of metabolic inhibitors.

Mechanism of uptake of nitrosoureas by L5178Y lymphoblasts in vitro.

Unexpected additional mode of energization of amino-acid transport into Ehrlich cells.

Purification of human ovarian tumor-associated antigen and demonstration of circulating tumor antigen in patients with advanced ovarian malignancy.

Primary structures of cardiotoxin analogues II and IV from the venom of *Naja naja atra*.

The amino acid sequence of dihydrofolate reductase from L1210 cells.

Procollagen and collagen produced by a teratocarcinoma-derived cell line, TSD4: evidence for a new molecular form of collagen.

Effector cell stimulation-inhibition of in vitro lymphoma cell DNA synthesis and correlation with in vivo antitumor response.

The occurrence of collagen type II in bronchogenic carcinoma.

[RNA biosynthesis in the ascitic cells of Ehrlich's carcinoma and Zajdela's hepatoma under conditions of blocked oxidative phosphorylation].

Oxygen-dependent chemical tumorigenesis in a *Nicotiana* hybrid: inhibition by ascorbic acid and dinitrophenol.

[Food additives and their possible genetic toxicity; microbiological determination].

Disturbance of microsomal detoxication mechanisms in liver by chlorophenol pesticides.

Bioassay of chloramben for possible carcinogenicity.

Tumorigenic agents in unburned processed tobacco: N-nitrosodiethanolamine and 1,1-dimethylhydrazine.

Tumorigenic effect of 3-amino-1H-1,2,4-triazole on rat thyroid.

Facts and nonfacts.

[Chloracne, porphyria cutanea tarda, and other poisonings due to the herbicides].

Bioassay of 2, 4, 5-trichlorophenoxyacetic acid for carcinogenicity in mice.

Some experiences relating to food safety.

Some carbamates, thiocarbamates and carbazides.

Therapeutic effects of cysteine adducts of alpha, beta-unsaturated aldehydes on Ehrlich ascites tumor of mice.

Anti-tumorigenic effect of maleic hydrazide on mouse skin.

The use of deuterated analogs in qualitative and quantitative investigations of the metabolism of cyclophosphamide (NSC-26271).

Comparative pharmacologic study in vitro and in vivo with cyclophosphamide (NSC-26271), cyclophosphamide metabolites, and plain nitrogen mustard compounds.

Biologic activity of two derivatives and six possible metabolites of cyclophosphamide (NSC-26271).

Two stable Fenton oxidation products of cyclophosphamide (NSC-26271) as precursors of 4-hydroxycyclophosphamide (NSC-196562) under physiologic conditions.

Biochemical pathology of lung damage produced by chemicals.

Cellular metabolic control by chemical modification of cell membrane.

Formation of mutagenic N-nitroso compounds from the pesticides prometryne, dodine and carbaryl in the presence of nitrite at pH 1.

[Potential tumor inhibitors by alkylation of 3-amino-s-triazole (author's transl)].

The production of urinary phenols by gut bacteria and their possible role in the causation of large bowel cancer.

Human lymphocyte motility: normal characteristics and anomalous behavior of chronic lymphocytic leukemia cells.

Sheep erythrocytes binding ability on a mouse renal adenocarcinoma cell line and its hybrid with human lymphocytes.

Localization of the cell attachment region in types I and II collagens.

[High incidence of lung cancer in persons with chronic professional exposure to pesticides in agriculture (author's transl)].

[On the chloranilic acid reaction (RAC) proposed by Closs (author's transl)].

[Estrogen receptor in human endometrium--energy requirement, stability and subunit structure--(author's transl)].

Modifications and evaluation of double antibody radioimmunoassay of human carcinoembryonic antigen.

Cell-free synthesis of a large translation product of prolactin messenger RNA.

Potential hazards of fumigant residues.

Relationships between intracisternal type A and extracellular oncornavirus-like particles produced in murine MOPC-460 myeloma cells.

Characterization of amyloid fibril proteins from medullary carcinoma of the thyroid.

Synthesis of the antileukemic compound N,N(11)-[5-[bis(2-chloroethyl)amino]-1, 3-phenylene]bisurea.

The expression and localization of surface neoantigens in transformed and untransformed cultured cells infected with avian tumor viruses.

Reactions of bis(thiosemicarbazonato) copper(II) complexes with tumor cells and mitochondria.

Factor B of the alternative complement pathway on human lymphocytes.

Analysis of T-cell-specific functions in continuous lymphocytic cell lines. II. A T-cell line which forms rosettes with normal thymocytes of the same species.

Transformation of cells by rous sarcoma virus: cytoplasmic vacuolization.

Properties of Fc γ receptors in normal and malignant human tissues.

Inhibition of mouse testicular DNA synthesis by mutagens and carcinogens as a potential sample mammalian assay for mutagenesis.

Homocysteine thiolactone metabolism in malignant cells.

Transplacental induction of carcinogen-hydroxylating systems with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Redistribution of the Fc receptor on human blood monocytes and peritoneal macrophages induced by immunoglobulin G-sensitized erythrocytes.

The problem of oncostatic specificity of cyclophosphamide (NSC-26271): Studies on reactions that control the alkylating and cytotoxic activity.

Acceleration of hepatocarcinogenesis of 2,7-bis(acetamido)fluorene by carbon tetrachloride and time relation of treatment.

The mutagenicity of chloroethylene oxide, chloroacetaldehyde, 2-chloroethanol and chloroacetic acid, conceivable metabolites of vinyl chloride.

[The effect of uncouplers of oxidative phosphorylation on granule precipitation of neutral red in normal and tumor cells].

The significance of ¹²⁵I as a tracer for lymphocytes, liver cells and erythrocytes after iodination by the lactoperoxidase-H₂O₂ technique.

Potential carcinogenicity of food additives and contaminants.

Metabolism of (4-¹⁴C)estradiol by 7,12-dimethylbenz(a) anthracene-induced mammary tumor peroxidase.

Effect of injection of nuclear fraction from Rhodamine sarcoma on turnover of liver catalase.

[Relationship between Chemical Constitution and Therapeutic Activity of alpha, beta-unsaturated Aldehydes in the Ehrlich-Solid-Tumor of the Mouse].

Toxicological implications of pesticides: their toxic effects on seeds of food plants.

Ionophore A-23187 induced histamine release from rat mast cells and rat basophil leukemia (RBL-1) cells.

A rapid method for the purification and radioimmunoassay of human alpha-fetoprotein.

Antibody-induced redistribution of CEA on the cell surface: utilization in separation of CEA and isoantigen A.

The detection by immunodiffusion of tumour associated antigenic components in extracts of human bronchogenic carcinoma.

Isothiocyanates. A new class of uncouplers.

Association between bladder tumors and chronic exposure to cresol and creosote.

Use of cationic disc electrophoresis near neutral pH in the evaluation of trace proteins in human plasma.

A comparative study of inner membrane enzymes and transport systems in mitochondria from R3230AC mammary tumor and normal rat mammary gland.

Mitochondrial changes, ion and water shifts in the cellular injury of ehrlich ascites tumor cells.

[Similarities in the biochemical effects of tetrachloro 2,3,7,8 dibenzo-p-dioxin and tetrabromo-2,3,7,8 dibenzo-p-dioxin on rats].

Angiosarcoma of the liver associated with Fowler's solution (potassium arsenite).

Bioassay of alkyl halides and nucleotide base analogs by pulmonary tumor response in strain A mice.

Epstein-barr virus-induced cap formation in human lymphoblastoid cells.

Decreased 6-mercaptopurine retention by two resistant variants of mouse neuroblastoma with normal hypoxanthine-guanine-phospho-ribosyltransferase activities.

Chemical modulation of diphtheria toxin action on cultured mammalian cells.

Identification of a viral protein involved in post-translational maturation of the encephalomyocarditis virus capsid precursor.

Alterations in SVT2 cell transfer RNAs in response to cell density and serum type.

Studies on choline permeation through the plasma membrane and its incorporation into phosphatidyl choline of Ehrlich-LettrÃ©-ascites tumor cells in vitro.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on mammalian cells in tissue cultures.

Studies of the regulation of purine nucleotide catabolism.

The fungicidal mechanisms of human monocytes. I. Evidence for myeloperoxidase-linked and myeloperoxidase-independent candidacidal mechanisms.

Chemical studies on a monoclonal immunoglobulin from a patient with carcinoma of the colon.

Inhibition by 2,4-dinitrophenol of 9,10-dimethyl-1,2-benzanthracene carcinogenesis in the hamster cheek pouch.

A new inhibitor of coupled oxidative phosphorylation, 5-hydroxynaphthalenedicarboxylic anhydride, a derivative of a carcinogenic polynuclear hydrocarbon.

Chick muscle in tissue culture: the ubiquity of viral infection.

The disturbance of oxidative phosphorylation by N-acetoxy-N-acetyl-2-aminofluorene, a model ultimate carcinogen.

Mutagenesis of certain activated carcinogens in vitro associated with genetically mediated increases in monooxygenase activity and cytochrome P 1-450.

Human, rat and mouse liver-mediated mutagenicity of vinyl chloride in *S. typhimurium* strains.

[Study of the carcinogenic properties of herbicide amino salt 2,4-D].

Treatment of experimental mammary adenocarcinoma with herbicides.

[Alveolitis and pulmonary fibrosis--an attempt at a synopsis].

[Exposure to herbicides--mortality and tumor incidence. An epidemiologic investigation of Swedish railroad workers].

Carcinogenic hazards in natural and man-made environments.

Herbicide exposure, mortality and tumor incidence. An epidemiological investigation on Swedish railroad workers.

Editorial. Sponsors of Science Inc. on the safety of 2,4,5-T and dioxin.

Direct injection of experimental mammary adenocarcinoma with picloram.

Polymeric anions and biological activities. Effects on intramuscular and intraperitoneal Walker carcinosarcoma 256 of the rat.

[Some general biological aspects of tumor formation. II. The role of flavin compounds].

A simple, small scale cytotoxicity test, and its uses in drug metabolism studies.

[The reaction of nitrite with pesticides. Formation, chemical properties and carcinogenic activity of the N-nitroso compound of the herbicide N-methyl-N'-(2-benzothiazolyl)-urea (benzthiazuron) (author's transl)].

Gene manipulation: progress and prospects.

Carcinogenic effect of 100, 250 and 500 rad X-rays on the rat thyroid gland.

Animal collagenases: specificity of action, and structures of the substrate cleavage site.

Initial studies with a line of radioresistant rat tumor cells.

The preparation and purification of HL-A monospecific antigens using platelets and various lymphoid sources.

Isolation and characterization of the cyanogen bromide peptides from the alpha 1(3) chain of human collagen.

X-accumulation of labelled aminotriazole in some transplanted tumours in mice.

Movement of IgG receptors on the lymphocyte surface induced by protein A of *Staphylococcus aureus*.

Specific movement of cell membranes fused with HVJ (Sendai virus).

Action of cytochalasin D on cells of established lines. I. Early events.

Carcinogenic activity of smoke condensate from cigarettes with ammonium sulfamate-treated paper.

The use of immunoabsorbent columns for the isolation of antibodies specific for antigens associated with human bronchogenic carcinoma.

The amino-acid sequence of the amino-terminal 37 residues of human parathyroid hormone.

Cell reactivity towards syngeneic neoplastic cells in mice hypersensitized to dinitrophenol.

Rapid purification of lactate dehydrogenase from rat liver and hepatoma: a new approach.

Proteins of the periodontium. Biochemical studies on the collagen and noncollagenous proteins of human gingivae.

Liver biopsy in psoriatics previously treated with potassium arsenite. A controlled study.

Table 2A-4 – Titles of Pubmed Records Related to Blood Adverse Events Following Herbicide Exposure

<p>*ANAEMI*; *ANEMI*; *BLEED*; *BLOOD*; *CLOT*; *COAGUL*; *CYANOSIS*; *EMBOL*; *EOSINOPHILI*; *EPISTAXIS*; *ERYTHR*; *FIBRIN*; *GANGREN*; *HAEMO*; *HAEMORRHAG*; *HEMOL*; *HEMORRHAG*; *ISCHEM*; *LEUKAEMIA*; *LEUKEMIA*; *MARROW*; *MENOPAUS*; *MENSTRU*; *NOSEBLEED*; *OCCLU*; *ORRHEA*; *PLATELET*; *PURPUR*; *THROMB*; *TRANSFUSION*(9842)</p>
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2,4-D-based herbicide underdoses cause mortality, malformations, and nuclear abnormalities in *Physalaemus cuvieri* tadpoles.

Developmental effects of zebrafish (*Danio rerio*) embryos after exposure to glyphosate and lead mixtures.

Acrolein suppresses anticancer drug-induced toxicity mediated by activating claudin-1 and Nrf2 axis in a spheroid model of human lung squamous cell carcinoma cells.

Hormonal and haematological biomarkers as indicators of stress induced by Diuron herbicide toxicity on *Clarias gariepinus* (Burchell, 1822) sub-adults.

Assessment of oxidative stress biomarkers in the threatened annual killifish *Austrolebias charrua* exposed to Roundup.

Investigating adverse effects of chronic dietary exposure to herbicide glyphosate on zootechnical characteristics and clinical, biochemical and immunological blood parameters in broiler chickens.

Amentoflavone mediated hepatoprotection to counteract paraquat instigated hepatotoxicity via modulating Nrf2/Keap1 pathway: A biochemical, inflammatory, apoptotic and histopathological study.

Redox imbalance and inflammation: A link to depression risk in Brazilian pesticide-exposed farmers.

Long term integrated biomarker responses in freshwater African catfish *Clarias gariepinus* exposed to a new brand of herbicide fluzifop-p-butyl.

Protective effects of natural compounds against paraquat-induced pulmonary toxicity: the role of the Nrf2/ARE signaling pathway.

A trinuclear Zn(II) Schiff base dicyanamide complex attenuates bacterial biofilm formation by ROS generation and membrane damage and exhibits anticancer activity.

Mid-to-late stage diquat accumulation in the central nervous system: A severe case of oral poisoning.

Vascular read-out for TRP channel functionality on distal peripheral nerve endings in healthy men.

Cinnamaldehyde protects cardiomyocytes from oxygen-glucose deprivation/reoxygenation-induced lipid peroxidation and DNA damage via activating the Nrf2 pathway.

Fungal derived herbicidal metabolite loaded starch-chitosan-gum acacia-agar based bio composite: Preparation, characterization, herbicidal activity, release profile and biocompatibility.

Triazine herbicide reduced the toxicity of the harmful dinoflagellate *Karenia mikimotoi* by impairing its photosynthetic systems.

Baicalin and lung diseases.

Evaluation of a pharmacist-managed anemia service in pregnant patients.

Can our microbiome break our hearts? Collaborative production of p-cresol sulfate and indoxyl sulfate by commensal microbes increases susceptibility to thrombosis.

Agricultural exposure and risk of ovarian cancer in the AGRiculture and CANcer (AGRICAN) cohort.

Association between dietary pesticide exposure profiles and body weight change in French adults: Results from the NutriNet-Santé cohort.

Anaemia among school children of different socioeconomical status in a city of Southern Brazil.

Luteolin Is a Potential Immunomodulating Natural Compound against Pulpal Inflammation.

[Analysis on early predictors of respiratory depression in patients with glufosinate poisoning].

Transcriptomic and metabolomic profile changes in the liver of Sprague Dawley rat offspring after maternal PFOS exposure during gestation and lactation.

Case of Hemolytic Disease of the Fetus and Newborn Treated Without Blood Products.

Association between cumulative airborne dioxin exposure and non-Hodgkin's lymphoma risk in a nested case-control study within the French E3N cohort.

Chemicals in menstrual products: A systematic review.

Behavioral and biochemical consequences after chronic exposition to the herbicide atrazine in tadpoles.

Zinc lactate alleviates oxidative stress by modulating crosstalk between constitutive androstane receptor signaling pathway and gut microbiota profile in weaned piglets.

An automated analysis method enabling the screening of covalent thrombin and factor XIIa inhibitors via liquid chromatography-mass spectrometry.

Gut microbiota disorders aggravate terbuthylazine-induced mitochondrial quality control disturbance and PANoptosis in chicken hepatocyte through gut-liver axis.

Human biomonitoring of dioxins, furans, and non-ortho dioxin-like polychlorinated biphenyls (PCBs) in blood plasma from Old Crow, Yukon, Canada (2019).

The exposure in ovo to glyphosate on the integrity of intestinal epithelial tight junctions of chicks.

Synergistic effect of spermidine and ciprofloxacin against Alzheimer's disease in male rat via ferroptosis modulation.

Effects of Intranasal Dantrolene Nanoparticles on Brain Concentration and Behavior in PS19 Tau Transgenic Mice.

Genotoxicity in humans exposed to arsenic, lithium, and boron in drinking water in the Bolivian Andes-A cross sectional study.

Geniposide from Gardeniae Fructus exerts antipyretic effect in febrile rats through modulating the TLR4/NF- κ B signaling pathway.

Anionic polysaccharides benefit the bioavailability of pork myofibrillar protein gels: Evidence from a perspective of protein absorption and metabolism.

The urinary metabolites of volatile organic compounds and asthma in young children: NHANES 2011-2018.

Stereoselective toxicity of acetochlor chiral isomers on the nervous system of zebrafish larvae.

Renoprotective effect of esculetin against ischemic acute kidney injury-diabetic comorbidity.

Embryonic Exposure to the Benzotriazole Ultraviolet Stabilizer 2-(2H-benzotriazol-2-yl)-4-methylphenol Decreases Fertility of Adult Zebrafish (*Danio rerio*).

Clarification of the molecular mechanisms underlying glyphosate-induced major depressive disorder: a network toxicology approach.

The effectiveness of oral bovine lactoferrin compared to iron supplementation in patients with a low hemoglobin profile: A systematic review and meta-analysis of randomized clinical trials.

Maternal Fatigue after Postpartum Anemia Treatment with Intravenous Ferric Carboxymaltose vs. Intravenous Ferric Derisomaltose vs. Oral Ferrous Sulphate: A Randomized Controlled Trial.

Boron Compounds Mitigate 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Induced Toxicity in Human Peripheral Blood Mononuclear Cells.

Analysis of Relationships between Metabolic Changes and Selected Nutrient Intake in Women Environmentally Exposed to Arsenic.

Vitellin/Vitellogenin Is an Important Allergen in German Cockroach.

Artificial intelligence application in adsorption of uremic toxins: Towards the eco-friendly design of highly efficient with potential applications as hemodialysis membranes.

Boric Acid and Borax Protect Human Lymphocytes from Oxidative Stress and Genotoxicity Induced by 3-Monochloropropane-1,2-diol.

Cardiac Radiofrequency Ablation Exacerbates Myocardial Injury through Pro-Inflammatory Response and Pro-Oxidative Stress in Elderly Patients with Persistent Atrial Fibrillation.

TRPA1 as a promising target in ischemia/reperfusion: A comprehensive review.

Organophosphate Toxicity.

[Favorable evolution of severe paraquat poisoning. Treatment with gastric lavage, activated charcoal, cyclophosphamide + corticoids, and conventional daily hemodialysis: case study at the Franck Joly Hospital Center in French Guiana].

Supplementation with grape seed extract, onion peel extract, or rosemary extract in the diet alleviates growth inhibition, liver damage, and oxidative stress induced by diquat in Lohmann chicks.

Unraveling the combined deleterious effects of ochratoxin A and atrazine upon broiler's health: Toxicopathological, serum biochemical and immunological perspectives.

Dietary curcumin supplementation alleviates diquat-induced oxidative stress in the liver of broilers.

Sub-acute toxicity of the herbicide glufosinate-ammonium exposure in adult red swamp crayfish (*Procambarus clarkii*).

Effect of perinatal exposure to glyphosate and its mixture with 2,4-D and dicamba on rat dam kidney and thyroid function and offspring's health.

Mutagenicity, hepatotoxicity, and neurotoxicity of glyphosate and fipronil commercial formulations in Amazon turtles neonates (*Podocnemis expansa*).

The mechanism of acrolein exposure inhibited the release of neutrophil extracellular traps: By reducing respiratory burst and Raf/MEK/ERK pathway and promote cell apoptosis.

Hotspots of soil pollution: Possible glyphosate and aminomethylphosphonic acid risks on terrestrial ecosystems and human health.

Chronic dietary exposure to a glyphosate-based herbicide in broiler hens has long-term impacts on the progeny metabolism.

A comparative review and computational assessment of acetochlor toxicity in fish: A novel endocrine disruptor?

Response to oxidative stress of AML12 hepatocyte cells with knockout of methionine sulfoxide reductases.

Synergistic toxicity of 2,4-dichlorophenoxyacetic acid and arsenic alters biomarkers in rats.

Association between Glyphosate Exposure and Erythrograms in a Representative Sample of US Adults: NHANES 2013-2014.

Haematological and biochemical toxicity in freshwater fish *Clarias gariepinus* and *Oreochromis niloticus* following pulse exposure to atrazine, mancozeb, chlorpyrifos, lambda-cyhalothrin, and their combination.

Effects of Atrazine exposure on human bone marrow-derived mesenchymal stromal cells assessed by combinatorial assay matrix.

Acrolein produced during acute kidney injury promotes tubular cell death.

[Investigation on health status of workers exposed to glyphosate].

Variations in the Behaviour, Survival, Haematology, and Biochemistry of *Ctenopharyngodon idella* (Grass Carp) After Exposure to Commercial Grade Atrazine.

Urinary glyphosate and AMPA levels in a cross-sectional study of postmenopausal women: Associations with organic eating behavior and dietary intake.

The role of acrolein for E-cigarette vapour condensate mediated activation of NADPH oxidase in cultured endothelial cells and macrophages.

Immunotoxicity of relevant mixtures of pesticides and metabolites on THP-1 cells.

Elucidating the effects of acute and chronic exposure to 2,4-Dichlorophenoxyacetic acid on fathead minnow (*Pimephales promelas*) innate immunity.

Effects of glyphosate, 2,4-D, chlorantraniliprole, and imidacloprid formulations, separately and in mixtures in *Caiman latirostris* hatchlings.

Cannabidiol Protects Dopaminergic-like Neurons against Paraquat- and Maneb-Induced Cell Death through Safeguarding DJ-1/CY5(106) and Caspase 3 Independently of Cannabinoid Receptors: Relevance in Parkinson's Disease.

[Experimental study on the toxicokinetics and gastrointestinal damage in rats poisoned with acute diquat poisoning at different exposure doses].

Glyphosate-induced liver and kidney dysfunction, oxidative stress, immunosuppression in Nile tilapia, but ginger showed a protection role.

Paraquat-induced systemic inflammation and oxidative stress in rats improved by *Curcuma longa* ethanolic extract, curcumin and a PPAR agonist.

Exposure to phenoxyacetic acids and glyphosate as risk factors for non-Hodgkin lymphoma- pooled analysis of three Swedish case-control studies including the sub-type hairy cell leukemia.

Predicting structural features of selected flavonoids responsible for neuroprotection in a *Drosophila* model of Parkinson's disease.

TDP-43 is a potential marker of dopaminergic neuronal damage caused by atrazine exposure.

Atrazine contaminated sites and bullfrog tadpoles: evasive trends and biochemical consequences.

Role of NF- κ B/IL-1 β Pathway and Caspase 3 in Mediating the Hepatoprotective Effect of Rutin against Paraquat-Induced Liver Toxicity in Male Rats.

Sulforaphane suppresses paraquat-induced oxidative damage in bovine in vitro-matured oocytes through Nrf2 transduction pathway.

Therapeutic potential of amitriptyline for paraquat-induced pulmonary fibrosis: Involvement of caveolin-1-mediated anti-epithelial-mesenchymal transition and inhibition of apoptosis.

Exposure to the herbicide fluridone induces cardiovascular toxicity in early developmental stages of zebrafish.

Parasite and Pesticide Impacts on the Bumblebee (*Bombus terrestris*) Haemolymph Proteome.

Glyphosate based-herbicide disrupts energy metabolism and activates inflammatory response through oxidative stress in mice liver.

Pterostilbene Confers Protection against Diquat-Induced Intestinal Damage with Potential Regulation of Redox Status and Ferroptosis in Broiler Chickens.

Global warming and glyphosate toxicity (II): Offspring zebrafish modelling with behavioral, morphological and immunohistochemical approaches.

Ecotoxicological relevance of glyphosate and flazasulfuron to soil habitat and retention functions - Single vs combined exposures.

Treatment with paraquat affects the expression of ferroptosis-related genes.

Maternal exposure to glyphosate-based herbicide causes changes in the vascular function of offspring adult rats.

How the exposure to environmentally relevant pesticide formulations affects the expression of stress response genes and its relation to oxidative damage and genotoxicity in *Caiman latirostris*.

Synergistic toxicity of ethanol and 2,4-dichlorophenoxyacetic acid enhances oxidant status, DNA damage, inflammation, and apoptosis in rats.

A mass event of paraquat poisoning via inhalation.

Integrated untargeted and targeted proteomics to unveil plasma prognostic markers for patients with acute paraquat poisoning: A pilot study.

Subchronic feeding study of glyphosate-tolerant maize GG2 with the *gr79-epsps* and *gat* genes in Wistar Han RCC rats.

Effect of glyphosate-based herbicide roundup on hemato-biochemistry of *Labeo rohita* (Hamilton, 1822) and susceptibility to *Aeromonas hydrophila* infection.

Study on the therapeutic effect of glucocorticoids on acute kidney injury in rats exposed to diquat.

Clinical and pathological characteristics of acute kidney injury caused by diquat poisoning.

Sympathetic and angiotensinergic activity in spontaneously hypertensive rats treated with 3-amino-1,2,4-triazole.

Liquid Chromatography-Mass Spectrometry Screening of Cyclophosphamide DNA Damage In Vitro and in Patients Undergoing Chemotherapy Treatment.

Soluble thrombomodulin alleviates Diquat-induced acute kidney injury by inhibiting the HMGB1/IL-1 β /NF- κ B signalling pathway.

Triazine herbicides exposure, natural immunoglobulin M antibodies, and fasting plasma glucose changes: Association and mediation analyses in general Chinese urban adults.

[Predictive value of serum lactate dehydrogenase on prognosis of patients with paraquat poisoning].

Glyphosate Causes Vascular Toxicity through Cellular Senescence and Lipid Accumulation.

Acrolein adducts and responding autoantibodies correlate with metabolic disturbance in Alzheimer's disease.

Predicting the relationship between pesticide genotoxicity and breast cancer risk in South Indian women in in vitro and in vivo experiments.

TRPA1 deficiency aggravates dilated cardiomyopathy by promoting S100A8 expression to induce M1 macrophage polarization in rats.

Trehalose prevents glyphosate-induced hepatic steatosis in roosters by activating the Nrf2 pathway and inhibiting NLRP3 inflammasome activation.

Acrolein Exposure Impaired Glucose Homeostasis and Increased Risk of Type 2 Diabetes: An Urban Adult Population-Based Cohort Study with Repeated Measures.

Hypoxia inducible factor-1 \pm (HIF-1 \pm) as an early predictor of acute hydrogen cyanamide (Dormex) poisoning.

Hydralazine plays an immunomodulation role of pro-regeneration in a mouse model of spinal cord injury.

Exposure to Volatile Organic Compounds Is Associated with Hypertension in Black Adults: The Jackson Heart Study.

Inactivation of microglia dampens blood-brain barrier permeability and loss of dopaminergic neurons in paraquat-lesioned mice.

Sensitization of GSH synthesis by curcumin curtails acrolein-induced alveolar epithelial apoptosis via Keap1 cysteine conjugation: A randomized controlled trial and experimental animal model of pneumonitis.

Prenatal exposure to pesticides and domain-specific neurodevelopment at age 12 and 18 months in Nanjing, China.

Snake venom nerve growth factor-inspired designing of novel peptide therapeutics for the prevention of paraquat-induced apoptosis, neurodegeneration, and alteration of metabolic pathway genes in the rat pheochromocytoma PC-12 cell.

[Effect of pirfenidone on paraquat-induced pulmonary fibrosis in rats].

[Effects of Nintedanib associated with Shenfu Injection on paraquat-induced lung injury in rats].

Glyphosate in house dust and risk of childhood acute lymphoblastic leukemia in California.

Sodium arsenite and dimethylarsenic acid induces apoptosis in OC3 oral cavity cancer cells.

Organotin and organochlorine toxicants activate key translational regulatory proteins in human immune cells.

Dose ingested, vomiting, and outcome in patients ingesting a standard paraquat 20SL formulation.

Ethalfuralin induces developmental toxicity in zebrafish via oxidative stress and inflammation.

DNA Chimeras as Electrochemical Biosensors for Host-Guest Measurements in Blood.

Polyamine-Derived Aminoaldehydes and Acrolein: Cytotoxicity, Reactivity and Analysis of the Induced Protein Modifications.

[A Meta-analysis of the predictive value of peripheral blood neutrophil to lymphocyte ratio in mortality of patients with acute paraquat poisoning].

Integrating environmental carry capacity based on pesticide risk assessment in soil management: A case study for China.

Teratogenic effects of the dicamba herbicide in Zebrafish (*Danio rerio*) embryos.

Fitness assessment of *Mytilus galloprovincialis* Lamarck, 1819 after exposure to herbicide metabolite propachlor ESA.

Defining the toxicological profile of 4-hydroxyphenylpyruvate dioxygenase-directed herbicides to *Aedes aegypti* and *Amblyomma americanum*.

[Effects of specimen preservation and transportation on blood paraquat concentration in rats].

Influences of glyphosate residues and different concentrate feed proportions in dairy cow rations during early gestation on performance, blood parameters, functional properties and DNA damage of blood cells in cows and their offspring.

Paraquat is toxic to the soil-dwelling arthropod, *Folsomia candida* (Collembola: Isotomidae), and has potential effects on its *Wolbachia* endosymbiont.

Polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in blood samples from historically herbicide-sprayed areas and rural and industrialized unsprayed areas in Vietnam.

Dietary glutathione supplementation attenuates oxidative stress and improves intestinal barrier in diquat-treated weaned piglets.

HPLC-MS/MS determination and the postmortem distribution or postmortem redistribution of paraquat and its metabolites in four fatal intoxication cases.

Urine glyphosate exposure and serum sex hormone disruption within the 2013-2014 National Health and Nutrition Examination survey (NHANES).

Assessment of exposure to pesticide mixtures in five European countries by a harmonized urinary suspect screening approach.

Assessment of Genetic Damage Induced via Glyphosate and Three Commercial Formulations with Adjuvants in Human Blood Cells.

Serum creatinine in predicting mortality after paraquat poisoning: A systematic review and meta-analysis.

Closed Bipolar Electrode-Enabled Electrochromic Sensing of Multiple Metabolites in Whole Blood.

The effect and mechanism of Fushen Granule on gut microbiome in the prevention and treatment of chronic renal failure.

Effect of acupuncture at neck-Jiaji (EX-B 2) and tuina on the cognitive function in the patients with subjective cognitive decline.

Nephroprotective effect of diosmin against sodium arsenite-induced renal toxicity is mediated via attenuation of oxidative stress and inflammation in mice.

Apply Anticoagulants after Discharge not Benefit to the Incidence of Symptomatic Thrombus in High-Altitude Areas: A Retrospective Study.

Safety and efficacy of once-daily HU6 versus placebo in people with non-alcoholic fatty liver disease and high BMI: a randomised, double-blind, placebo-controlled, phase 2a trial.

Pesticides as a potential independent childhood leukemia risk factor and as a potential confounder for electromagnetic fields exposure.

Characterization of Oyster Protein Hydrolysate-Iron Complexes and their In Vivo Protective Effects against Iron Deficiency-Induced Symptoms in Mice.

High-Soluble-Fiber Diet Attenuates Hypoxia-Induced Vascular Remodeling and the Development of Hypoxic Pulmonary Hypertension.

Phloretin as an add-on therapy to losartan attenuates diabetes-induced AKI in rats: A potential therapeutic approach targeting TLR4-induced inflammation.

The Use of Multiple Biomarkers to Assess the Health of Anuran Amphibians in the Brazilian Cerrado Savanna: An Ecotoxicological Approach.

Maternal serum dioxin-like activity and gestational age at birth and indices of foetal growth: The Aarhus birth cohort.

Knockdown of IL4I1 Improved High Glucose-evoked Insulin Resistance in HepG2 Cells by Alleviating Inflammation and Lipotoxicity Through AHR Activation.

A 90-day feeding study of genetically modified maize LP007-1 in wistar han RCC rats.

2,3,7,8-tetrachlorodibenzo-p-dioxin induces multigenerational testicular toxicity and biosynthetic disorder of testosterone in BALB/C mice: Transcriptional, histopathological and hormonal determinants.

Assessing farmer's exposure to pesticides and the risk for non-communicable diseases: A biomonitoring study.

Iron Preparations in the Management of Iron Deficiency Anemia in Infants and Children: A Systematic Review and Meta-Analysis.

Synthesis and Preclinical Evaluation of [Methylpiperazine-(11)C]brigatinib as a PET Tracer Targeting Both Mutated Epidermal Growth Factor Receptor and Anaplastic Lymphoma Kinase.

Lung proliferation is dependent on the duration not the timepoint of tracheal occlusion in nitrofen rats with diaphragmatic hernia.

Iron deficiency in young basketball players: Is a 100 µg/L ferritin cut-off appropriate for iron supplementation?: Results of a randomized placebo-controlled study.

Neonatal outcomes from a randomized controlled trial of maternal treatment of iron deficiency anemia with intravenous ferumoxytol vs oral ferrous sulfate.

Intravenous infusions of ferumoxytol compared to oral ferrous sulfate for the treatment of anemia in pregnancy: a randomized controlled trial.

Antibiotics augment the impact of iron deficiency on metabolism in a piglet model.

In vitro phenotypic evidence for the utilization of iron from different sources and siderophores production in the fish pathogen *Tenacibaculum dicentrarchi*.

A phenome-wide association study (PheWAS) to identify the health impacts of 4-cresol sulfate in the Nagahama Study.

Dynamic photodamage of red blood cell induced by CisDiMPyP porphyrin.

Arsenic trioxide (ATO) up-regulates cytochrome P450 1A (CYP1A) enzymes in murine hepatoma Hepa-1c1c7 cell line.

Hepatoprotective and anti-hyperglycemic effects of ferulic acid in arsenic-exposed mice.

Correlation of heavy metals' exposure with the prevalence of coronary heart disease among US adults: findings of the US NHANES from 2003 to 2018.

Is a Lower Dose of More Bioavailable Iron (18-mg Ferrous Bisglycinate) Noninferior to 60-mg Ferrous Sulfate in Increasing Ferritin Concentrations While Reducing Gut Inflammation and Enteropathogen Detection in Cambodian Women? A Randomized Controlled Noninferiority Trial.

Proteomic Profiling of Hypoplastic Lungs Suggests an Underlying Inflammatory Response in the Pathogenesis of Abnormal Lung Development in Congenital Diaphragmatic Hernia.

Effects of food-derived oligopeptide iron chelates on liver injury and gut microbiota homeostasis in iron-deficiency anemia female rats: a pilot study.

Torsemide increases arsenic concentrations by inhibition of multidrug resistance protein 4 in arsenic trioxide treated acute promyelocytic leukemia patients.

Association between polychlorinated biphenyls exposure and incident type 2 diabetes mellitus: A nested case-control study.

Diosmin exerts hepatoprotective and antihyperglycemic effects against sodium arsenite-induced toxicity through the modulation of oxidative stress and inflammation in mice.

Transcriptional, hormonal and histological alterations in the ovaries of BALB/c mice exposed to TCDD in connection with multigenerational female infertility.

Possible Effects of Uremic Toxins p-Cresol, Indoxyl Sulfate, p-Cresyl Sulfate on the Development and Progression of Colon Cancer in Patients with Chronic Renal Failure.

Concomitant inhibition of TLR-4 and SGLT2 by phloretin and empagliflozin prevents diabetes-associated ischemic acute kidney injury.

An active new formulation of iron carried by aspartyl casein for iron-deficiency anemia: results of the ACCESS trial.

Environmentally Mediated Health Disparities.

Impaired pancreatic beta-cell function after a single dose of oral iron: A before-and-after (pre-post) study.

The effect of *Alnus incana* (L.) Moench extracts in ameliorating iron overload-induced hepatotoxicity in male albino rats.

Serum Levels of Indoxyl Sulfate and P-cresol in Type II Diabetic Patients With and Without Nephropathy.

Polyhalogenated carbazoles induce hepatic metabolic disorders in mice via alteration in gut microbiota.

Individual, Independent, and Joint Associations of Toxic Metals and Manganese on Hypertensive Disorders of Pregnancy: Results from the MIREC Canadian Pregnancy Cohort.

The vitamin B(12) analog cobinamide ameliorates azide toxicity in cells, *Drosophila melanogaster*, and mice.

Efficacy of ferric carboxymaltose for treatment of iron deficiency anemia diagnosed in the third trimester of pregnancy: A case-control study.

Detection of drug safety signal of drug-induced neutropenia and agranulocytosis in all-aged patients using electronic medical records.

Electrochemical and Optical Sensors for the Detection of Chemical Carcinogens Causing Leukemia.

Impact of Plastic-Related Compounds on P-Glycoprotein and Breast Cancer Resistance Protein In Vitro.

Intravenous ferric carboxymaltose versus oral ferrous sulfate replacement in elderly patients after acute non-variceal gastrointestinal bleeding (FIERCE): protocol of a multicentre, open-label, randomised controlled trial.

Acetaldehyde dehydrogenase 2 activation attenuates sepsis-induced brain injury through NLRP3 inflammasome regulation.

Chitosan-based carbon nitride-polydopamine-silver composite dressing with antibacterial properties for wound healing.

A Paternal Fish Oil Diet Preconception Reduces Lung Inflammation in a Toxicant-Driven Murine Model of New Bronchopulmonary Dysplasia.

Assessment of uremic toxins in advanced chronic kidney disease patients on maintenance hemodialysis by LC-ESI-MS/MS.

Neighborhood Deprivation, Indoor Chemical Concentrations, and Spatial Risk for Childhood Leukemia.

Vitamin E protective effects on genomic and cellular damage caused by paediatric preventive supplementation for anaemia: an experimental model.

Acute Pesticide Poisoning in Tobacco Farming, According to Different Criteria.

NKG2D Ligand Expression Induced by Oxidative Stress Mitigates Cutaneous Ischemia-Reperfusion Injury.

Alternate day versus daily oral iron for treatment of iron deficiency anemia: a randomized controlled trial.

Iron pill-induced gastritis: an unrecognized side effect of iron-deficiency anemia.

Supplementation with sesame oil suppresses genotoxicity, hepatotoxicity and enterotoxicity induced by sodium arsenite in rats.

Cytotoxic Effects of Darinaparsin, a Novel Organic Arsenical, against Human Leukemia Cells.

Prion Protein Overexpression in Adipose-Derived Mesenchymal Stem Cells (ADMSCs) Effectively Protected Rodent Kidney Against Ischemia-Reperfusion Injury Via Enhancing ATP/Mitochondrial Biogenesis-Role of ADMSC Rejuvenation and Proliferation.

[Clinical case report of acute dinitrophenol poisoning with a fatal outcome of Udmurt Republic].

Upregulated TSP1 and CD47 expression in the lung in nitrofen-induced congenital diaphragmatic hernia.

The environmental pollutant, polychlorinated biphenyl 126, alters liver function in a rodent model of alcohol-associated liver disease.

In vitro and in vivo assessments of the genotoxic potential of 3-chloroallyl alcohol.

Multi-omics reveals diet-induced metabolic disorders and liver inflammation via microbiota-gut-liver axis.

Betaine protects against sodium arsenite-induced diabetes and hepatotoxicity in mice.

The Mechanisms Underlying the Pharmacological Effects of GuiPi Decoction on Major Depressive Disorder based on Network Pharmacology and Molecular Docking.

Systematic Review: Association of Pesticide Exposure and Child Wheeze and Asthma.

Iron supplementation given to nonanemic infants: neurocognitive functioning at 16 years.

Exosomes released by environmental pollutant-stimulated Keratinocytes/PBMCs can trigger psoriatic inflammation in recipient cells via the AhR signaling pathway.

Biotechnological Key Genes of the *Rhodococcus erythropolis* MGMM8 Genome: Genes for Bioremediation, Antibiotics, Plant Protection, and Growth Stimulation.

Antioxidant Vitamins Attenuate Glyphosate-Induced Development of Type-2 Diabetes Through the Activation of Glycogen Synthase Kinase-3 β and Forkhead Box Protein O-1 in the Liver of Adult Male Rats.

Cytotoxicity of 19 Pesticides in Rainbow Trout Gill, Liver, and Intestinal Cell Lines.

Phenolic compounds in the freshwater environment in South Korea: Occurrence and tissue-specific distribution.

Endoscopic Diagnosis of Hookworm Disease in a Patient with Severe Iron Deficiency Anemia: A Case Report.

Delta Storage Pool Deficiency: A Pediatric Case Report and Review of the Literature.

Management of Acute Ferrous Sulfate Poisoning Using Activated Charcoal Monotherapy: A Case Report.

Association between Environmental Exposure to Multiclass Organic Pollutants and Sex Steroid Hormone Levels in Women of Reproductive Age.

Oxidative Stress and Cytotoxicity Induced by Co-Formulants of Glyphosate-Based Herbicides in Human Mononuclear White Blood Cells.

Use of antianemics in prenatal care: A population cohort from a capital city in the North region of Brazil.

Acute oral poisoning due to pretilachlor herbicide - a rare case report from Nepal.

Plant-derived squalene supplementation improves growth performance and alleviates acute oxidative stress-induced growth retardation and intestinal damage in piglets.

Uroprotective Potential of Campesterol in Cyclophosphamide Induced Interstitial Cystitis; Molecular Docking Studies.

Impact of endocrine disruptors on peripheral blood mononuclear cells in vitro: role of gender.

Haemorrhagic cystitis: a review of management strategies and emerging treatments.

Effect of replacing inorganic iron with iron-rich microbial preparations on growth performance, serum parameters and iron metabolism of weaned piglets.

Application of an Antioxidant Response Element-Nuclear Factor Erythroid 2 Luciferase Assay for Assessing the Skin Sensitization Potential of Agrochemicals.

Evaluation of arsenic metabolism and tight junction injury after exposure to arsenite and monomethylarsonous acid using a rat in vitro blood-Brain barrier model.

Caffeic acid recarbonization: A green chemistry, sustainable carbon nano material platform to intervene in neurodegeneration induced by emerging contaminants.

Microbe-derived uremic solutes enhance thrombosis potential in the host.

Mild Oxidative Stress Induced by Sodium Arsenite Reduces Lipocalin-2 Expression Levels in Cortical Glial Cells.

3-Methylglutaryl carnitine: A biomarker of mitochondrial dysfunction.

Alcohol degradation, learning, and memory-enhancing effect of *Acetobacter pasteurianus* BP2201 in *Caenorhabditis elegans* model.

Nilotinib alleviates paraquat-induced hepatic and pulmonary injury in rats via the Nrf2/Nf- κ B axis.

Gut Microbiota and Its Role in the Brain-Gut-Kidney Axis in Hypertension.

B, P, and S heteroatom doped, bio- and hemo-compatible 2D graphitic-carbon nitride (g-C(3)N(4)) with antioxidant, light-induced antibacterial, and bioimaging endeavors.

Developmental and cardiovascular toxicities of acetochlor and its chiral isomers in zebrafish embryos through oxidative stress.

Changes in Whole Blood Polyamine Levels and Their Background in Age-Related Diseases and Healthy Longevity.

Regulation of Hepatic Xenosensor Function by HNF4 α .

Fibroblast Growth Factor 21 in Gestational Diabetes Mellitus and Type 2 Diabetes Mellitus.

Bioactive strawberry fruit (*Arbutus unedo* L.) extract remedies paraquat-induced neurotoxicity in the offspring prenatally exposed rats.

Biological Characterization of *Cleome felina* L.f. Extracts for Phytochemical, Antimicrobial, and Hepatoprotective Activities in Wistar Albino Rats.

Toxicity assessment and DNA repair kinetics in HEK293 cells exposed to environmentally relevant concentrations of Glyphosate (Roundup[®] Control Max).

Impact of dioxin exposure on brain morphometry and social anxiety in men living in the most dioxin-contaminated area in Vietnam.

Role of NRF2 and reactive aldehydes in acute cellular rejection in liver transplant recipients.

Interactions of arsenic exposure, arsenic metabolism with red blood cell folate on the risk of hypertension: NHANES 2007-2016.

Evaluation of Lac and NGAL on the Condition and Prognosis of Patients with Diquat Poisoning.

Ferroptosis contributes to cyclophosphamide-induced hemorrhagic cystitis.

Effects of temperature-humidity index on blood metabolites of German dairy cows and their female calves.

Biliverdin as a disease-modifying agent: An integrated viewpoint.

Terbutryn causes developmental toxicity in zebrafish (*Danio rerio*) via apoptosis and major organ malformation in the early stages of embryogenesis.

An eco-friendly system for stabilization of retinol: A step towards attending performance with improved environmental respect.

Effect of Intestinal Flora on Hyperuricemia-Induced Chronic Kidney Injury in Type 2 Diabetic Patients and the Therapeutic Mechanism of New Anti-Diabetic Prescription Medications.

Effects of early repeated hemoperfusion combined with hemodialysis on the prognosis of patients with paraquat poisoning.

Oral iron supplementation ameliorated alterations in iron uptake and utilization in copper-toxic female Wistar rats.

Association between urinary glyphosate levels and serum neurofilament light chain in a representative sample of US adults: NHANES 2013-2014.

Protective potential effects of hydroalcoholic extract of *Teucrium polium* L. (Lamiaceae) against paraquat-induced lung fibrosis: An experimental study in rats.

Pubertal progression in relation to peripubertal exposure to organochlorine chemicals in a cohort of Russian boys.

Uro-protective role of chrysin against cyclophosphamide-induced hemorrhagic cystitis in rats involving the turning-off NF- κ B/P38-MAPK, NO/PARP-1 and STAT-3 signaling cascades.

Pre-treatment with Dazomet enhances the biocontrol efficacy of *Purpureocillium lilacinum* to *Meloidogyne incognita*.

Subchronic Arsenite Exposure Induced Atrophy and Erythropoietin Sensitivity Reduction in Skeletal Muscle Were Relevant to Declined Serum Melatonin Levels in Middle-Aged Rats.

A UOF based on a cyclotriphosphazene skeleton: fluorescence sensing of different substituted aldehydes and NACs.

[8] and [10]-Gingerol reduces urothelial damage in ifosfamide-induced hemorrhagic cystitis via JAK/STAT/FOXO signaling pathway via IL-10.

Prevention of DSS-induced colitis in mice with water kefir microbiota via anti-inflammatory and microbiota-balancing activity.

Environmental cadmium exposure alters the internal microbiota and metabolome of Sprague-Dawley rats.

Intra-amniotic sildenafil treatment improves lung blood flow and pulmonary hypertension in congenital diaphragmatic hernia rats.

Atrazine residue in waters of Ijebu-North local government, Nigeria: implications on human health, hematological, and biochemical parameters.

Internet-Purchased Sodium Azide Used in a Fatal Suicide Attempt: A Case Report and Review of the Literature.

Therapeutic effects of avocado (*Persea americana* Mill.) seed powder against reproductive toxicity induced by Mancozeb (herbicide) in female rabbits.

Iron-rich *Candida utilis* improves intestinal health in weanling piglets.

Safety monitoring of oral iron supplements in pregnant women with anemia: a multi-center observational clinical study.

The Effect of Oral Iron Supplementation on Gut Microbial Composition: a Secondary Analysis of a Double-Blind, Randomized Controlled Trial among Cambodian Women of Reproductive Age.

Sucrosomial(®) Iron: An Updated Review of Its Clinical Efficacy for the Treatment of Iron Deficiency.

Resveratrol inhibits AhR/Notch axis and reverses Th17/Treg imbalance in purpura by activating Foxp3.

Effects of metamifop on ammonia production and metabolism of *Monopterus albus*.

Minocycline as a Neuroprotective Agent in Arsenic-Induced Neurotoxicity in PC12 Cells.

Dietary rumen-protected choline supplementation regulates blood biochemical profiles and urinary metabolome and improves growth performance of growing lambs.

Mobitz type I as manifestation of acute lithium cardiotoxicity.

Pentachlorophenol-induced hemotoxicity diminishes antioxidant potential and oxidizes proteins, thiols, and lipids in rat blood: An in vivo study.

Effects of perinatal stress on the metabolites and lipids in plasma of dairy goats.

Effects of intranasal dantrolene nanoparticles on brain concentration and behavior in PS19 tau transgenic mice.

Stevioside Improves Antioxidant Capacity and Intestinal Barrier Function while Attenuating Inflammation and Apoptosis by Regulating the NF- κ B/MAPK Pathways in Diquat-Induced Oxidative Stress of IPEC-J2 Cells.

Metabolomics Differences of the Donor Livers Between In Situ and Ex Situ Conditions During Ischemia-free Liver Transplantation.

Exposure to oxyfluorfen-induced hematobiochemical alterations, oxidative stress, genotoxicity, and disruption of sex hormones in male African catfish and the potential to confront by *Chlorella vulgaris*.

Influences of Glyphosate Contaminations and Concentrate Feed on Performance, Blood Parameters, Blood Cell Functionality and DNA Damage Properties in Fattening Bulls.

Enhancing Immune Protection in Hemodialysis Patients: Role of the Polymethyl Methacrylate Membrane.

Transfer and toxicokinetic modeling of non-dioxin-like polychlorinated biphenyls (ndl-PCBs) into accidentally exposed dairy cattle and their calves - A case report.

Excretion kinetics of 1,3-dichlorobenzene and its urinary metabolites after controlled airborne exposure in human volunteers.

Small molecule agonist of mitochondrial fusion repairs mitochondrial dysfunction.

Endometriosis: Update of Pathophysiology, (Epi) Genetic and Environmental Involvement.

Association of bone mineral density with trichlorophenol: a population-based study.

Serum Level of Protein-Bound Uraemic Toxins in Haemodialysis Patients with Chronic Kidney Disease-Associated Pruritus: Myths and Facts.

Neuroprotective properties of borax against aluminum hydroxide-induced neurotoxicity: Possible role of Nrf-2/BDNF/AChE pathways in fish brain.

Ceruloplasmin Interferes with the Assessment of Blood Lipid Hydroperoxide Content in Small Ruminants.

Protective effects of *Acetobacter ghanensis* against gliadin toxicity in intestinal epithelial cells with immunoregulatory and gluten-digestive properties.

Effects of p-cresol, a uremic toxin, on cancer cells.

The quest for metabolic biomarkers of agrochemicals exposure via in vitro studies and suspect screening.

Microbial Virulence Factors, Antimicrobial Resistance Genes, Metabolites, and Synthetic Chemicals in Cabins of Commercial Aircraft.

Effects of the Vitamin D3 on Alleviating the Oxidative Stress Induced by Diquat in Wenchang Chickens.

Randomized Controlled Trial Comparing Ferrous Sulfate and Iron Sucrose in Iron Deficiency Anemia in Pregnancy.

Melatonin Ameliorates Diquat-Induced Testicular Toxicity via Reducing Oxidative Stress, Inhibiting Apoptosis, and Maintaining the Integrity of Blood-Testis Barrier in Mice.

Absorption and Transport Mechanism of Red Meat-Derived N-glycolylneuraminic Acid and Its Damage to Intestinal Barrier Function through the NF- κ B Signaling Pathway.

Overview of Adductomics in Toxicology.

Characterizing the lethal and sub-lethal effects of genetically modified soybean expressing Cry1A.105, Cry2Ab2, and Cry1Ac insecticidal proteins against *Spodoptera* species (Lepidoptera: Noctuidae) in Brazil.

Selectively mixed matrix hemodialysis membrane for adequate clearance of p-cresol by the incorporation of imprinted zeolite.

Negligible Toxicokinetic Differences of Glyphosate by Different Vehicles in Rats.

Analytical development for the assessment of pesticide contaminations in blood and plasma of wild birds: The case of grey partridges (*Perdix perdix*).

A host-gut microbial amino acid co-metabolite, p-cresol glucuronide, promotes blood-brain barrier integrity in vivo.

Andrographolide alleviates paraquat-induced acute lung injury by activating the Nrf2/HO-1 pathway.

Trehalose prevents glyphosate-induced testicular damage in roosters via its antioxidative properties.

Individual and combined toxicity of microplastics and diuron differs between freshwater and marine diatoms.

Probiotics ameliorate growth retardation of glyphosate by regulating intestinal microbiota and metabolites in crucian carp (*Carassius auratus*).

Alterations in the Expression of Antioxidant Enzyme Genes in Response to Pesticide Exposure During Embryonic Development in the Native Reptile Species *Caiman latirostris*.

[Effects and significance of continuous hemoperfusion on patients with diquat poisoning].

Protective effect of biogenic selenium nanoparticles against diquat-induced acute toxicity via regulation of gut microbiota and its metabolites.

Glyphosate differentially affects the allergic immune response across generations in mice.

Herbicide-induced methaemoglobinaemia and the role of methylene blue in its management.

Investigation of the toxicity of a glyphosate-based herbicide in a human liver cell line: Assessing the involvement of Nrf2 pathway and protective effects of vitamin E and α -lipoic acid.

Perinatal exposure to a glyphosate pesticide formulation induces offspring liver damage.

Histopathological, immunohistochemical, and molecular investigation of atrazine toxic effect on some organs of adult male albino rats with a screening of *Acacia nilotica* as a protective trial.

Identification of differentially expressed genes and pathways in diquat and paraquat poisoning using bioinformatics analysis.

Immunotoxicity of pentachlorophenol to a marine bivalve species and potential toxification mechanisms underpinning.

Pathophysiological Changes in Rhesus Monkeys with Paraquat-Induced Pulmonary Fibrosis.

The toxicokinetics of acute paraquat poisoning in specific patients: a case series.

[Study on the Protective effect and mechanism of Nicotinamide Riboside on lung injury in paraquat intoxicated mice].

Time-resolved proteome and transcriptome of paraquat-induced pulmonary fibrosis.

Phenotypic analyses, protein localization, and bacteriostatic activity of *Drosophila melanogaster* transferrin-1.

Chronic dietary exposure to a glyphosate-based herbicide results in reversible increase early embryo mortality in chicken.

Herbicide Roundup shows toxic effects in nontarget organism *Drosophila*.

Glyphosate infiltrates the brain and increases pro-inflammatory cytokine TNF α : implications for neurodegenerative disorders.

Acer pseudoplatanus: A Potential Risk of Poisoning for Several Herbivore Species.

Mass Spectrometry-Based Peptide Profiling of Haemolymph from *Pterostichus melas* Exposed to Pendimethalin Herbicide.

Effects of exposure to glyphosate on oxidative stress, inflammation, and lung function in maize farmers, Northern Thailand.

Acrolein, an environmental toxicant and its applications to in vivo and in vitro atherosclerosis models: An update.

Agent Orange and dioxin-induced myeloid leukemia: a weaponized vehicle of leukemogenesis.

Pesticides Inhibit Retinoic Acid Catabolism in PLHC-1 and ZFL Fish Hepatic Cell Lines.

Ginkgolide C Alleviates Acute Lung Injury Caused by Paraquat Poisoning via Regulating the Nrf2 and NF- κ B Signaling Pathways.

An in vitro strategy using multiple human induced pluripotent stem cell-derived models to assess the toxicity of chemicals: A case study on paraquat.

Acetochlor Affects Bighead Carp (*Aristichthys nobilis*) by Producing Oxidative Stress, Lowering Tissue Proteins, and Inducing Genotoxicity.

Ameliorative effect of selenium yeast^Â supplementation on the physio-pathological impacts of chronic exposure to glyphosate and or malathion in *Oreochromis niloticus*.

3,4-Dihydroxybenzaldehyde attenuates pentachlorophenol-induced cytotoxicity, DNA damage and collapse of mitochondrial membrane potential in isolated human blood cells.

Protective effect of *Thymus munbyanus* aqueous extract against 2,4-dichlorophenoxyacetic acid-induced nephrotoxicity in Wistar rats.

Clinicohematological, Mutagenic, and Oxidative Stress Induced by Pendimethalin in Freshwater Fish Bighead Carp (*Hypophthalmichthys nobilis*).

Histopathological, Immunohistochemical, And Molecular Alterations In Brain Tissue And Submandibular Salivary Gland Of Atrazine-Induced Toxicity In Male Rats.

Pentachlorophenol has significant adverse effects on hematopoietic and immune system development in zebrafish (*Danio rerio*).

Long-term exposure to polyethylene microplastics and glyphosate interferes with the behavior, intestinal microbial homeostasis, and metabolites of the common carp (*Cyprinus carpio* L.).

Aqueous *Thunbergia laurifolia* leaf extract alleviates paraquat-induced lung injury in rats by inhibiting oxidative stress and inflammation.

Paraquat toxicity in different cell types of Swiss albino mice.

[Preliminary study on time-dependent changes of intestinal tract and brain-gut axis in mice model of Parkinson's disease induced by paraquat].

Toxicity of commercial atrazine in *Rattus norvegicus* organs as a function of concentration: histopathological, ultrastructural and hematological evaluation.

Direct Effects of Glyphosate on In Vitro T Helper Cell Differentiation and Cytokine Production.

Resveratrol exhibits neuroprotection against paraquat-induced PC12 cells via heme oxygenase 1 upregulation by decreasing MiR-136-5p expression.

Decarboxylases as hypothetical targets for actions of organophosphates: Molecular modeling for prediction of hidden and unexpected health threats.

Quantification and toxicokinetics of paraquat in mouse plasma and lung tissues by internal standard surface-enhanced Raman spectroscopy.

Apiaceous vegetables protect against acrolein-induced pulmonary injuries through modulating hepatic detoxification and inflammation in C57BL/6 male mice.

Low concentrations of glyphosate alone affect the pubertal male rat meiotic step: An in vitro study.

Propolis nanoparticles relieved the impacts of glyphosate-induced oxidative stress and immunosuppression in Nile tilapia.

A Novel Algicidal Bacterium, *Microbulbifer* sp. YX04, Triggered Oxidative Damage and Autophagic Cell Death in *Phaeocystis globosa*, Which Causes Harmful Algal Blooms.

Environmental relevant herbicide prometryn induces developmental toxicity in the early life stages of marine medaka (*Oryzias melastigma*) and its potential mechanism.

Benchmark dose and the adverse effects of exposure to pendimethalin at low dose in female rats.

The protective role of lycopene against toxic effects induced by the herbicide Harness[®] and its active ingredient acetochlor on the African catfish *Clarias gariepinus* (Burchell, 1822).

[Effects on extravascular lung water of lung protective ventilation strategy applied on piglets with acute respiratory distress syndrome induced by paraquat].

Ecotoxicological effects of conventional herbicides and a natural herbicide on freshwater fish (*Danio rerio*).

Protective Effects of N-acetylcysteine Niosome Nanoparticles on Paraquat-induced Nephrotoxicity in Male Rats.

Evaluation of the efficiency of simvastatin loaded PLGA nanoparticles against acute paraquat-intoxicated rats.

Characterization and Quantification of Acrolein-Induced Modifications in Hemoglobin by Mass Spectrometry—Effect of Cigarette Smoking.

Oxidative stress, lipid peroxidation and premature placental senescence in preeclampsia.

[Glyphosate detection in the duodenal fluid of horses with gastric ulcer syndrome].

Case series: Diquat poisoning with acute kidney failure, myocardial damage, and rhabdomyolysis.

Comparative Assessment of the Inhibitory Potential of the Herbicide Glyphosate and Its Structural Analogs on RGD-Specific Integrins Using Enzyme-Linked Immunosorbent Assays.

The Therapeutic Roles of Cinnamaldehyde against Cardiovascular Diseases.

A Composition of Phytonutrients for Glycemic and Weight Management.

pH-responsive cinnamaldehyde-TiO₂ nanotube coating: fabrication and functions in a simulated diabetes condition.

Effects of replacing fish meal with cottonseed protein concentrate on the growth, immune responses, digestive ability and intestinal microbial flora in *Litopenaeus vannamei*.

Total arsenic, dimethylarsinic acid, lead, cadmium, total mercury, methylmercury and hypertension among Asian populations in the United States: NHANES 2011-2018.

lncRNA BIRF Promotes Brain Ischemic Tolerance Induced By Cerebral Ischemic Preconditioning Through Upregulating GLT-1 via Sponging miR-330-5p.

Gentamicin Augments the Quorum Quenching Potential of Cinnamaldehyde In Vitro and Protects *Caenorhabditis elegans* From *Pseudomonas aeruginosa* Infection.

Targeted delivery of acrolein scavenger hydralazine in spinal cord injury using folate-linker-drug conjugation.

Effects of cinnamaldehyde on glucose-6-phosphate dehydrogenase activity, some biochemical and hematological parameters in diabetic rats.

Homicidal paraquat poisoning: Poisoned while drinking.

Theranostic Copolymers Neutralize Reactive Oxygen Species and Lipid Peroxidation Products for the Combined Treatment of Traumatic Brain Injury.

Wnt-induced secreted proteins-1 play an important role in paraquat-induced pulmonary fibrosis.

The acute paraquat poisoning mortality (APPM) score to predict the risk of death in paraquat-poisoned patients.

Mechanisms of cinnamic aldehyde against myocardial ischemia/hypoxia injury in vivo and in vitro: Involvement of regulating PI3K/AKT signaling pathway.

Histopathological Findings in a Fatal Case of Paraquat Poisoning.

Comparison of Biochemical Parameters between Mouse Model and Human after Paraquat Poisoning.

Acrolein, an endogenous aldehyde induces Alzheimer's disease-like pathologies in mice: A new sporadic AD animal model.

Urinary acrolein metabolites, systemic inflammation, and blood lipids: Results from the National Health and Nutrition Examination Survey.

Effects of glyphosate exposure on the miRNA expression profile and construction of the miRNA-mRNA regulatory network in mouse bone marrow cells.

Cinnamaldehyde attenuates kidney senescence and injury through PI3K/Akt pathway-mediated autophagy via downregulating miR-155.

Glyphosate and its breakdown product AMPA elicit cytoprotective responses in haemocytes of the Mediterranean mussel (*Mytilus galloprovincialis*).

Concentrations of blood and urinary arsenic species and their characteristics in general Korean population.

Interactive effects of high temperature and pesticide exposure on oxidative status, apoptosis, and renin expression in kidney of goldfish: Molecular and cellular mechanisms of widespread kidney damage and renin attenuation.

Compounds to mitigate cyanobacterial blooms affect growth and toxicity of *Microcystis aeruginosa*.

Stimulation of de novo glutathione synthesis by nitrofurantoin for enhanced resilience of hepatocytes.

Acute toxicity, bioaccumulation and elimination of prometryn in tilapia (*Oreochromis niloticus*).

Determination of Glyphosate and AMPA in Blood Can Predict the Severity of Acute Glyphosate Herbicide Poisoning.

P450s mediated enhanced herbicide metabolism involved in the thifensulfuron-methyl resistance in *Ipomoea purpurea* L.

Association of Glyphosate Exposure with Blood DNA Methylation in a Cross-Sectional Study of Postmenopausal Women.

Comparison of modes of action between fish, cell and mitochondrial toxicity based on toxicity correlation, excess toxicity and QSAR for class-based compounds.

Engineered resistance and risk assessment associated with insecticidal and weeds resistant transgenic cotton using wister rat model.

Glyphosate damages blood-testis barrier via NOX1-triggered oxidative stress in rats: Long-term exposure as a potential risk for male reproductive health.

The effect of tracheal occlusion in congenital diaphragmatic hernia in the nitrofen rat lung explant model.

Probiotic Bifidobacteria Mitigate the Deleterious Effects of para-Cresol in a *Drosophila melanogaster* Toxicity Model.

A Novel Ex Vivo Drug Assay for Assessing the Transmission-Blocking Activity of Compounds on Field-Isolated *Plasmodium falciparum* Gametocytes.

Pro-Inflammatory Interactions of Dolutegravir with Human Neutrophils in an In Vitro Study.

TIPARP is involved in the regulation of intraocular pressure.

Iron deficiency anemia in infants in Sousa (PB), Brazil: an association with nutritional status.

The significance of thymoquinone administration on liver toxicity of diazinon and cholinesterase activity; a recommendation for prophylaxis among individuals at risk.

Nano-formulations in treatment of iron deficiency anaemia: An overview.

Protocol for a multicenter, double-blinded placebo-controlled randomized controlled trial comparing intravenous ferric derisomaltose to oral ferrous sulfate for the treatment of iron deficiency anemia in pregnancy: The IVIDA2 trial.

Promising hepatoprotective effects of lycopene in different liver diseases.

Efficacy and Mechanism of Buxue Yimu Pills on Gynecological Anemia: A Combination of Clinical and Network Pharmacology Study.

Pesticide exposure and risk of cardiovascular disease: A systematic review.

Oral Ferrous Sulphate Improves Functional Capacity on Heart Failure Patients with Iron Deficiency Anemia.

Potential for TCDD to induce regulatory functions in B cells as part of the mechanism for T cell suppression in EAE.

Association of ambient fine particulate matter exposure with gestational diabetes mellitus and blood glucose levels during pregnancy.

Occupational exposure to pesticides in mothers and fathers and risk of cancer in the offspring: A register-based case-control study from Sweden (1960-2015).

Protective Effect of Lactobacillus sporogenes against Arsenic-Induced Hematological Alterations in Male Albino Wistar Rats.

Analysis of environmental chemical mixtures and nonalcoholic fatty liver disease: NHANES 1999-2014.

Tolerability of Oral Supplementation with Microencapsulated Ferric Saccharate Compared to Ferrous Sulphate in Healthy Premenopausal Woman: A Crossover, Randomized, Double-Blind Clinical Trial.

Carbamylation of Î²2-glycoprotein I generates new autoantigens for antiphospholipid syndrome: a new tool for diagnosis of 'seronegative' patients.

Severe methyl bromide poisoning causing early acute renal failure and anuria: a case report.

Histopathological and immunohistochemical evaluation for detecting changes in blood hormone levels caused by endocrine disruptors in a 28-day repeated-dose study in rats.

Trace Element Interactions, Inflammatory Signaling, and Male Sex Implicated in Reduced Growth Following Excess Oral Iron Supplementation in Pre-Weanling Rats.

Synbiotics, prebiotics and probiotics for solid organ transplant recipients.

Correlation of inflammatory biomarkers with the diversity of Bacteroidaceae, Bifidobacteriaceae, Prevotellaceae and Lactobacillaceae families in the intestinal microbiota of patients with end stage renal disease.

Lactoferrin for iron-deficiency anemia in children with inflammatory bowel disease: a clinical trial.

Contact allergy to the Dexcom G6 glucose monitoring system-Role of 2,2'-methylenebis(6-tert-butyl-4-methylphenol) monoacrylate in the new adhesive.

Fortification of foods with nano-iron: its uptake and potential toxicity: current evidence, controversies, and research gaps.

The Association between Blood Concentrations of PCDD/DFs, DL-PCBs and the Risk of Type 2 Diabetes Mellitus and Thyroid Cancer in South Korea.

Characterization of Developmental Neurobehavioral Toxicity in a Zebrafish MPTP-Induced Model: A Novel Mechanism Involving Anemia.

[The Role of Emergency Departments in Cross-Contamination: The Case of VRE].

Association of prenatal exposure to dioxin-like compounds, polychlorinated biphenyl, and methylmercury with event-related brain potentials in school-aged children: The Hokkaido study.

Xanthogranulomatous pyelonephritis in a pediatric patient.

Preparation of aloe polysaccharide/honey/PVA composite hydrogel: Antibacterial activity and promoting wound healing.

HIF-1 α /VEGF pathway mediates 1,3,6,8-tetrabromo-9 β -H-carbazole-induced angiogenesis: a potential vascular toxicity of an emerging contaminant.

The associations of prenatal exposure to dioxins and polychlorinated biphenyls with neurodevelopment at 6 $\frac{1}{2}$ Months of age: Multi-pollutant approaches.

Feeding cats with chronic kidney disease food supplemented with betaine and prebiotics increases total body mass and reduces uremic toxins.

Comparison of Ferric Sodium EDTA in Combination with Vitamin C, Folic Acid, Copper Gluconate, Zinc Gluconate, and Selenomethionine as Therapeutic Option for Chronic Kidney Disease Patients with Improvement in Inflammatory Status.

[Mechanism and material basis of Sparganii Rhizoma and vinegar-processed Sparganii Rhizoma in treatment of hyperlipidemia based on network pharmacology].

Redox-dependent loss of flavin by mitochondria complex I is different in brain and heart.

Application of FeOOH Nano-Ellipsoids as a Novel Nano-Based Iron Supplement: an In Vivo Study.

Flumioxazin, a PPO inhibitor: A weight-of-evidence consideration of its mode of action as a developmental toxicant in the rat and its relevance to humans.

Phenoxyaromatic Acid Analogues as Novel Radiotherapy Sensitizers: Design, Synthesis and Biological Evaluation.

t(14;18) Translocations in Dioxin-Exposed Workers.

Flavoring agent dihydrocoumarin alleviates IgE-mediated mast cell activation and allergic inflammation.

A Novel Ferritin-Core Analog Is a Safe and Effective Alternative to Oral Ferrous Iron for Treating Iron Deficiency during Pregnancy in Mice.

Phage therapy for refractory periapical periodontitis caused by *Enterococcus faecalis* in vitro and in vivo.

Cancer and occupational exposure to pesticides: a bibliometric study of the past 10 years.

Applying reflective multicriteria decision analysis to understand the value of therapeutic alternatives in the management of gestational and peripartum anaemia in Spain.

Iron from nanostructured ferric phosphate: absorption and biodistribution in mice and bioavailability in iron deficient anemic women.

Integrated molecular biology and metabolomics approach to understand the mechanism underlying reduction of insulin resistance by corn silk decoction.

Bis-Amiridines as Acetylcholinesterase and Butyrylcholinesterase Inhibitors: N-Functionalization Determines the Multitarget Anti-Alzheimer's Activity Profile.

Acute Dyspnea and Hemoptysis in an 84-Year-Old Man With Multiple Comorbidities.

Arsenic compounds induce apoptosis by activating the MAPK and caspase pathways in FaDu oral squamous carcinoma cells.

2, 3, 7, 8-Tetrachlorodibenzo-p-dioxin potential impacts on peripheral blood mononuclear cells of endometriosis women.

Supplementation with Sucrosomial® iron leads to favourable changes in the intestinal microbiome when compared to ferrous sulfate in mice.

Oral iron supplementation in patients with chronic kidney disease: Can it be harmful to the gut microbiota?

p-Cresyl Sulfate Predicts Ischemic Stroke among Patients on Hemodialysis: A Prospective Cohort Study.

Comparative Effects between Oral Lactoferrin and Ferrous Sulfate Supplementation on Iron-Deficiency Anemia: A Comprehensive Review and Meta-Analysis of Clinical Trials.

A randomized double-blind cross-over trial to study the effects of resistant starch prebiotic in chronic kidney disease (ReSPECKD).

Measurement of Urinary Triclocarban and 2,4-Dichlorophenol Concentration and Their Relationship with Obesity and Predictors of Cardiovascular Diseases among Children and Adolescents in Kerman, Iran.

An evidence-based definition of anemia for singleton, uncomplicated pregnancies.

Impact of Uremic Toxins on Endothelial Dysfunction in Chronic Kidney Disease: A Systematic Review.

Evaluation of the prescription pattern of ferrous sulfate as a therapy for preventing iron deficiency anemia in infants.

Potential therapies for sodium azide intoxication; a case report and review of the literature.

Minocycline improves the functional recovery after traumatic brain injury via inhibition of aquaporin-4.

Biotic Supplements in Patients With Chronic Kidney Disease: Meta-Analysis of Randomized Controlled Trials.

Rare fatal poisoning through dermal exposure to paraquat.

nHA-loaded gelatin/alginate hydrogel with combined physical and bioactive features for maxillofacial bone repair.

Fossil-fuel and combustion-related air pollution and hypertension in the Sister Study.

Amide-functionalized 1,2,4-Triazol-5-amines as Covalent Inhibitors of Blood Coagulation Factor XIIa and Thrombin.

Leukemic stem cells and advances in hematopoietic stem cell transplantation for acute myeloid leukemia: a narrative review of clinical trials.

Ethnicity Associated Microbial and Metabonomic Profiling in Newly Diagnosed Ulcerative Colitis.

Effects of various Fe compounds on the bioavailability of Pb contained in orally ingested soils in mice: Mechanistic insights and health implications.

A pilot study of oral iron therapy in erythropoietic protoporphyria and X-linked protoporphyria.

Disparities in chemical exposures among pregnant women and neonates by socioeconomic and demographic characteristics: A nontargeted approach.

Comparison of the effect of ferrous sulfate and ferrous gluconate on prophylaxis of iron deficiency in toddlers 6-24 months old: A randomized clinical trial.

Acetobacter tropicalis bacteraemia in an immunocompromised patient: case report.

Reliable determination of the main metabolites of 2-phenoxyethanol in human blood and urine using LC-MS/MS analysis.

Comparative Biochemical Profiling of Aluminum Chloride and Sodium Azide Induced Neuroinflammation and Cardiometabolic Disturbance.

Effect of water diuresis with hydrogen saturation on the course of acute kidney damage during the separation of oxidation and phosphorylation.

Integrated biomarker approach strongly explaining in vivo sub-lethal acute toxicity of butachlor on Labeo rohita.

Sodium acetate/sodium butyrate alleviates lipopolysaccharide-induced diarrhea in mice via regulating the gut microbiota, inflammatory cytokines, antioxidant levels, and NLRP3/Caspase-1 signaling.

Plastid methylerythritol phosphate pathway participates in the hypersensitive response-related cell death in Nicotiana benthamiana.

Associations between Maternal Polychlorinated Dibenzo-p-dioxin and Dibenzofuran Serum Concentrations and Pulse Pressure in Early Pregnancy: A Cross-Sectional Study.

The Role of Acrolein in Neurodegenerative Diseases and Its Protective Strategy.

C-X-C-Chemokine-Receptor-Type-4 Inhibitor AMD3100 Attenuates Pulmonary Inflammation and Fibrosis in Silicotic Mice.

Acidifiers Attenuate Diquat-Induced Oxidative Stress and Inflammatory Responses by Regulating NF- κ B/MAPK/COX-2 Pathways in IPEC-J2 Cells.

Protective efficacy of Coriandrum sativum seeds against arsenic induced toxicity in Swiss albino mice.

Idiopathic unilateral third nerve palsy with pupillary sparing in 10-year-old child -a case report.

Development, validation, and clinical application of a rapid UPLC-MS/MS method for detection of colchicine in human whole blood and urine.

Facile fabrication of Bi-layered perfusable hydrogel tubes as biomimetic 3D arterial construct.

An online atlas of human plasma metabolite signatures of gut microbiome composition.

Periplaneta americana Extract Pretreatment Alleviates Oxidative Stress and Inflammation and Increases the Abundance of Gut Akkermansia muciniphila in Diquat-Induced Mice.

In Vitro Induction of Eryptosis by Uremic Toxins and Inflammation Mediators in Healthy Red Blood Cells.

Food-derived bioactive oligopeptide iron complexes ameliorate iron deficiency anemia and offspring development in pregnant rats.

Down-regulation of hepatic cytochromes P450 1A1 and 1A2 by arsenic trioxide (ATO) in vivo and in vitro: A role of heme oxygenase 1.

Borax relieved the acrylamide-induced hematotoxic, hepatotoxic, immunotoxic and genotoxic damages in rainbow trout by regulating apoptosis and Nrf2 signaling pathway.

Iron nanoparticles as a promising compound for food fortification in iron deficiency anemia: a review.

Morphology and cytochemical patterns of peripheral blood cells of tiger frog (Rana rugulosa).

Health risk assessment of polychlorinated biphenyls (PCBs) in baby clothes. A preliminary study.

Dietary inclusion of anthocyanin-rich black cane silage treated with ferrous sulfate heptahydrate reduces oxidative stress and promotes tender meat production in goats.

Spatial variation of rodenticides and emerging contaminants in blood of raptor nestlings from Germany.

Efficacy of Oral Versus Injectable Iron in Patients With Chronic Kidney Disease: A Two-Year Cross-Sectional Study Conducted at a Rural Teaching Hospital.

Boron Compounds Exhibit Protective Effects against Aluminum-Induced Neurotoxicity and Genotoxicity: In Vitro and In Vivo Study.

Two Foreign Antimicrobial Peptides Expressed in the Chloroplast of Porphyridium purpureum Possessed Antibacterial Properties.

Biological Assessment of Potential Exposure to Occupational Substances in Current Semiconductor Workers with at Least 5 Years of Employment.

Diverse Effects of Amino Acids on Monascus Pigments Biosynthesis in *Monascus purpureus*.

Field mixtures of currently used pesticides in agricultural soil pose a risk to soil invertebrates.

Dietary *Bacillus licheniformis* improves the effect of *Astragalus membranaceus* extract on blood glucose by regulating antioxidation activity and intestinal microbiota in InR[E19]/TM2 *Drosophila melanogaster*.

The Effects of Resistant Starch Consumption in Adult Patients With Chronic Kidney Disease: A Systematic Review.

AQP9 (Aquaporin 9) Determines Arsenic Uptake and Tolerance in Human Hepatocellular Carcinoma Cells In Vitro.

Paraquat induced oxidative stress, DNA damage, and cytotoxicity in lymphocytes.

Integrated Multilayer Omics Reveals the Genomic, Proteomic, and Metabolic Influences of Histidyl Dipeptides on the Heart.

Cytomegalovirus-related Cystitis in a Patient with Membranous Glomerulonephritis Receiving Cyclophosphamide: A Case Study.

Comparative effects of *Curcuma longa* and curcumin on paraquat-induced systemic and lung oxidative stress and inflammation in rats.

Borax exerts protective effect against ferrocene-induced neurotoxicity in *Oncorhynchus mykiss*.

Dietary supplementation with biogenic selenium nanoparticles alleviate oxidative stress-induced intestinal barrier dysfunction.

Associations of Smokeless Tobacco Use With Cardiovascular Disease Risk: Insights From the Population Assessment of Tobacco and Health Study.

Histopathological Alterations in the Livers of Chronic Hepatitis Patients Exposed to Agent Orange/Dioxin in Vietnam.

Genotoxic, biochemical and histological biomarkers of subacute concentrations of paraquat and glyphosate in Nile Tilapia.

Red propolis reduces inflammation in cyclophosphamide-induced hemorrhagic cystitis in rats.

Effects of 1,3,7-tribromodibenzo-p-dioxin, a natural dioxin on chicken embryos: Comparison with effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Onion Vinegar Quality Evaluation and its Alleviate Oxidative Stress Mechanism in *Caenorhabditis elegans* Via SKN-1.

A glyphosate-based herbicide disrupted hematopoiesis and induced organ toxicities, ameliorated by vitamin B(12) in a mouse model.

The role of genetically engineered soybean and *Amaranthus* weeds on biological and reproductive parameters of *Spodoptera cosmioides* (Lepidoptera: Noctuidae).

New insights into arsenic, lead, and iron neurotoxicity: Activation of MAPK signaling pathway and oxidative stress.

Use of in vitro metabolism and biokinetics assays to refine predicted in vivo and in vitro internal exposure to the cosmetic ingredient, phenoxyethanol, for use in risk assessment.

Protective Effects of Resveratrol and Apigenin Dietary Supplementation on Serum Antioxidative Parameters and mRNAs Expression in the Small Intestines of Diquat-Challenged Pullets.

The Anti-CGRP Antibody Fremanezumab Lowers CGRP Release from Rat Dura Mater and Meningeal Blood Flow.

Risk factors and optimal predictive scoring system of mortality for children with acute paraquat poisoning.

Inhibition of aryl hydrocarbon receptor signaling promotes the terminal differentiation of human erythroblasts.

Antigenotoxic Effect of Ascorbic Acid and Resveratrol in Erythrocytes of *Ambystoma mexicanum*, *Oreochromis niloticus* and Human Lymphocytes Exposed to Glyphosate.

Engineering Multifunctional Hydrogel With Osteogenic Capacity for Critical-Size Segmental Bone Defect Repair.

Clinical characteristics, treatment and outcomes of acute propanil poisoning in a 7-year retrospective cohort study.

Daily versus every other day oral iron supplementation in patients with iron deficiency anemia (DEODO): study protocol for a phase 3 multicentered, pragmatic, open-label, pilot randomized controlled trial.

Corrigendum to "Reaction dynamics and residue identification of haemoglobin modification by acrolein, a lipid-peroxidation by-product" [Biochimica et Biophysica Acta (BBA) - General Subjects Volume 1865, Issue 12, December 2021, 130013].

Evaluation of the Acute Effects of Arsenic on Adults of the Neotropical Native Fish *Cnesterodon decemmaculatus* Using a Set of Biomarkers.

SALDI Substrate-Based FeNi Magnetic Alloy Nanoparticles for Forensic Analysis of Poisons in Human Serum.

Kumemycinones A-G, Cytotoxic Angucyclinones from a Deep Sea-Derived Actinomycete of the Genus *Actinomadura*.

The Potential Role of Mitochondrial Acetaldehyde Dehydrogenase 2 in Urological Cancers From the Perspective of Ferroptosis and Cellular Senescence.

Comparative Efficacy of *Chondrosterum purpureum* and Chemical Herbicides for Control of Resprouts in Tanoak and Bay Laurel.

Identification of emerging organic pollutants from solid waste incinerations by FT-ICR-MS and GC/Q-TOF-MS and their potential toxicities.

A Mixture of Endocrine Disruptors and the Pesticide Roundup(®) Induce Oxidative Stress in Rabbit Liver When Administered under the Long-Term Low-Dose Regimen: Reinforcing the Notion of Real-Life Risk Simulation.

Insights into the toxicokinetic, tissue distribution and maternal transfer of polychlorinated dibenzo-p-dioxins/dibenzofurans in laying hens fed with dioxin-associated dietary.

Citrullus colocynthis Seed Ameliorates Layer Performance and Immune Response under Acute Oxidative Stress Induced by Paraquat Injection.

Paraquat Induces Lung Injury via miR-199-Mediated SET in a Mouse Model.

Thunbergia laurifolia aqueous leaf extract ameliorates paraquat-induced kidney injury by regulating NADPH oxidase in rats.

Kidney and lung injury in rats following acute diquat exposure.

The hormetic response of heart rate of fish embryos to contaminants - Implications for research and policy.

Development and first evaluation of an attractant impregnated adhesive tape against blood-sucking flies.

Dimethyl sulfoxide stimulates the AhR-Jdp2 axis to control ROS accumulation in mouse embryonic fibroblasts.

Diquat Poisoning: Care Management and Medico-Legal Implications.

Insight in Hypoxia-Mimetic Agents as Potential Tools for Mesenchymal Stem Cell Priming in Regenerative Medicine.

Effects of sequential blood purification on the organ function and lethality in patients with paraquat-induced multiple organ dysfunction syndrome.

Novel Coconut Vinegar Attenuates Hepatic and Vascular Oxidative Stress in Rats Fed a High-Cholesterol Diet.

Paraquat modulates immunological function in bone marrow-derived macrophages.

Lead acetate versus cadmium sulfate in the modulation of main physiological pathways controlling detrusor muscle contractility in rat.

Significant Correlations between p-Cresol Sulfate and Mycophenolic Acid Plasma Concentrations in Adult Kidney Transplant Recipients.

Morphological and Molecular Description of a New Species *Haematoloechus dehradunensis* sp. nov. (Plagiorchiidae: Haematoloechinae) from the Lungs of *Euphlyctis cyanophlyctis* (Anura, Dicroglossidae) from Dehradun, along with a Note on *H. singaporensis* Yuen, 1962, a New Record to India.

Plant-Derived Molecule 4-Methylumbelliferone Suppresses Fc γ RI-Mediated Mast Cell Activation and Allergic Inflammation.

The Toxic Influence of Excess Free Iron on Red Blood Cells in the Biophysical Experiment: An In Vitro Study.

Glyphosate induces immune dysregulation in honey bees.

α -Tocopherol Prevents Sperm Apoptosis and Necrosis in Rats Exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Chlorogenic Acid Attenuates Oxidative Stress-Induced Intestinal Mucosa Disruption in Weaned Pigs.

Assessment of Five Pesticides as Endocrine-Disrupting Chemicals: Effects on Estrogen Receptors and Aromatase.

α -Tocopherol restores semen quality in rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Geospatial Distribution of Age-Adjusted Incidence of the Three Major Types of Pediatric Cancers and Waterborne Agrichemicals in Nebraska.

Correlations of gestational hemoglobin level, placental trace elements content, and reproductive performances in pregnant sows.

Identifying potential thyroid hormone disrupting effects among diphenyl ether structure pesticides and their metabolites in silico.

Why Do High-Risk Patients Develop or Not Develop Coronary Artery Disease? Metabolic Insights from the CAPIRE Study.

Rare co-inherited alpha-thalassemia minor and beta-thalassemia minor with heterozygous H63D mutation mistaken as iron deficiency anemia: a case report.

Alkaline Diuresis as Treatment for 2,4-D Dimethylamine Herbicide Intoxication.

Dual recognition strategy for selective fluorescent detection of dopamine and antioxidants based on graphite carbon nitride in human blood serum.

TCDD Inhibition of IgG1 Production in Experimental Autoimmune Encephalomyelitis (EAE) and In Vitro.

Naltrexone Transport by a Proton-Coupled Organic Cation Antiporter in hCMEC/D3 Cells, an in Vitro Human Blood-Brain Barrier Model.

Serial blood concentration of polyethoxylated tallow amine and clinical presentations in acute herbicide poisoning.

Lack of human relevance for rat developmental toxicity of flumioxazin is revealed by comparative heme synthesis assay using embryonic erythroid cells derived from human and rat pluripotent stem cells.

Cytoprotective effect of taurine against sodium chlorate-induced oxidative damage in human red blood cells: an ex vivo study.

Monitoring of pesticides in surface water, pesticides removal efficiency in drinking water treatment plant and potential health risk to consumers using Monte Carlo simulation in Behbahan City, Iran.

Multigeneration toxicity of Geunsami® (a glyphosate-based herbicide) to *Allonychiurus kimi* (Lee) (*Collembola*) from sub-individual to population levels.

Repeated Low-Dose Acrolein Triggers Irreversible Lamina Propria Edema in Urinary Bladder, Transient Voiding Behavior and Widening of Eyes to Mechanical Stimuli.

Toxicity effect of Diuron on gill tissue structure and the tissue residue of blood cockles (*Tegillarca granosa*).

Elevated pulmonary levels of Axin2 in mice exposed to herbicide 2,4-D with or without endotoxin.

Acute exposition to Roundup Transorb® induces systemic oxidative stress and alterations in the expression of newly sequenced genes in silverside fish (*Odontesthes humensis*).

Pleiotropic Outcomes of Glyphosate Exposure: From Organ Damage to Effects on Inflammation, Cancer, Reproduction and Development.

Atrazine Inhalation Worsen Pulmonary Fibrosis Regulating the Nuclear Factor-Erythroid 2-Related Factor (Nrf2) Pathways Inducing Brain Comorbidities.

Evaluation of the genotoxic, mutagenic, and histopathological hepatic effects of polyoxyethylene amine (POEA) and glyphosate on *Dendropsophus minutus* tadpoles.

Alterations in blood parameters, DNA damage, oxidative stress and antioxidant enzymes and immune-related genes expression in Nile tilapia (*Oreochromis niloticus*) exposed to glyphosate-based herbicide.

Subchronic exposure to a glyphosate-based herbicide causes dysplasia in the digestive tract of Wistar rats.

Variable inbreeding depression may explain associations between the mating system and herbicide resistance in the common morning glory.

Glyphosate-Eating Fungi: Study on Fungal Saprotrophic Strains' Ability to Tolerate and Utilise Glyphosate as a Nutritional Source and on the Ability of *Purpureocillium lilacinum* to Degrade It.

Sex-dependent acrolein sensitivity in mice is associated with differential lung cell, protein, and transcript changes.

Negative impacts of microcystin-LR and glyphosate on zebrafish intestine: Linked with gut microbiota and microRNAs?

A Glyphosate-Based Formulation but Not Glyphosate Alone Alters Human Placental Integrity.

Paraquat-induced cholesterol biosynthesis proteins dysregulation in human brain microvascular endothelial cells.

Epigenome-Wide DNA Methylation and Pesticide Use in the Agricultural Lung Health Study.

Prolonged exposure to the herbicide atrazine suppresses immune cell functions by inducing spleen cell apoptosis in rats.

Systemic inflammation and oxidative stress induced by inhaled paraquat in rat improved by carvacrol, possible role of PPAR α receptors.

Glyphosate and Polyoxyethyleneamine Ingestion Leading to Renal, Hepatic, and Pulmonary Failure.

The effect of Zataria multiflora hydroalcoholic extract on memory and lung changes induced by rats that inhaled paraquat.

Immunological and metabolic effects of acute sublethal exposure to glyphosate or glyphosate-based herbicides on juvenile rainbow trout, *Oncorhynchus mykiss*.

Immediate and late systemic and lung effects of inhaled paraquat in rats.

Kaempferol attenuates diquat-induced oxidative damage and apoptosis in intestinal porcine epithelial cells.

Ameliorative effect of N-acetylcysteine against glyphosate-induced hepatotoxicity in adult male albino rats: histopathological, biochemical, and molecular studies.

Phytotoxicity of *Schiekia timida* Seed Extracts, a Mixture of Phenylphenalenones.

Exposure to Atrazine Induces Lung Inflammation through Nrf2-HO1 and Beclin 1/LC3 Pathways.

Low-Dose Acrolein, an Endogenous and Exogenous Toxic Molecule, Inhibits Glucose Transport via an Inhibition of Akt-Regulated GLUT4 Signaling in Skeletal Muscle Cells.

Morphological, behavioral and genotoxic effects of glyphosate and 2,4-D mixture in tadpoles of two native species of South American amphibians.

Toxic effects of atrazine on immune function in BALB/c mice.

Glucocorticoid with cyclophosphamide for oral paraquat poisoning.

Possible effects of agent orange and posttraumatic stress disorder on hyperglycemia in Korean veterans from the US-Vietnam war.

Exposure to glyphosate and risk of non-Hodgkin lymphoma: an updated meta-analysis.

Prognostic value of liver and kidney function parameters and their correlation with the ratio of urine-to-plasma paraquat in patients with paraquat poisoning.

Temperature and Aging Affect Glyphosate Toxicity and Fatty Acid Composition in *Allonychiurus kimi* (Lee) (Collembola).

Micronucleus Formation Induced by Glyphosate and Glyphosate-Based Herbicides in Human Peripheral White Blood Cells.

Analysis of Biomechanical Parameters of Muscle Soleus Contraction and Blood Biochemical Parameters in Rat with Chronic Glyphosate Intoxication and Therapeutic Use of C(60) Fullerene.

Zataria multiflora and Pioglitazone Affect Systemic Inflammation and Oxidative Stress Induced by Inhaled Paraquat in Rats.

Pendimethalin-based herbicide impairs cellular immune response and haemocyte morphology in a beneficial ground beetle.

Growth performance and reproductive function impairment of glyphosate-based herbicide in male guinea pig (*Cavia porcellus*).

Evaluation of the hepatoprotective effects of curcumin and nanocurcumin against paraquat-induced liver injury in rats: Modulation of oxidative stress and Nrf2 pathway.

Chronic ciprofloxacin and atrazine co-exposure aggravates locomotor and exploratory deficits in non-target detritivore speckled cockroach (*Nauphoeta cinerea*).

The Toxic Effects of Glyphosate, Chlorpyrifos, Abamectin, and 2,4-D on Animal Models: A Systematic Review of Brazilian Studies.

HFE H63D Limits Nigral Vulnerability to Paraquat in Agricultural Workers.

Integration of paraquat pharmacokinetic data across species using PBPK modelling.

Paraquat pharmacokinetics in primates and extrapolation to humans.

Mutagenicity and genotoxicity in juvenile African catfish, *Clarias gariepinus* exposed to formulations of glyphosate and paraquat.

Hemodynamic and electromechanical effects of paraquat in rat heart.

A case of fatal intoxication by ingestion of an herbicide formulation containing fluroxypyr-meptyl and triclopyr.

Dietary squalene supplementation alleviates diquat-induced oxidative stress and liver damage of broiler chickens.

Effects of a mixture of glyphosate, 17 β -ethynylestradiol and amyl salicylate on cellular and biochemical parameters of the mussel *Mytilus galloprovincialis*.

Simultaneous determination of paraquat and diquat in human plasma by HPLC-DAD: Its application in acute poisoning patients induced by these two herbicides.

Evaluation of the potential teratogenic and toxic effect of the herbicide 2,4-D (DMA[®] 806) in bullfrog embryos and tadpoles (*Lithobates catesbeianus*).

Differential effects of arsenic species on Nrf2 and Bach1 nuclear localization in cultured hepatocytes.

Effects of glyphosate residues and different concentrate feed proportions in dairy cow rations on hepatic gene expression, liver histology and biochemical blood parameters.

Development and Validation of a Radiomics Nomogram for Prognosis Prediction of Patients with Acute Paraquat Poisoning: A Retrospective Cohort Study.

Hepatotoxic Effects of Atrazine on *Clarias gariepinus* (Burchell, 1822): Biochemical and Histopathological Studies.

Protective effects of black seed (*Nigella sativa*) diet supplementation in common carp (*Cyprinus carpio*) against immune depression, oxidative stress and metabolism dysfunction induced by glyphosate.

Evaluation of dietary dose administration as an alternative to oral gavage in the rodent uterotrophic and Hershberger assays.

The use of combined high-fructose diet and glyphosate to model rats type 2 diabetes symptomatology.

Association between liberal oxygen therapy and mortality in patients with paraquat poisoning: A multi-center retrospective cohort study.

The effect of chronic exposure to chloridazon and its degradation product chloridazon-desphenyl on signal crayfish *Pacifastacus leniusculus*.

The agrochemical S-metolachlor disrupts molecular mediators and morphology of the swim bladder: Implications for locomotor activity in zebrafish (*Danio rerio*).

Assessing single effects of sugarcane pesticides fipronil and 2,4-D on plants and soil organisms.

Melatonin alleviates the deterioration of oocytes and hormonal disorders from mice subjected to glyphosate.

A novel simple risk model to predict the prognosis of patients with paraquat poisoning.

Indaziflam: Control Effectiveness in Monocotyledonous and Eudicotyledonous Weeds as a Function of Herbicide Dose and Soil Texture.

Use of Shotgun Metagenomics and Metabolomics to Evaluate the Impact of Glyphosate or Roundup MON 52276 on the Gut Microbiota and Serum Metabolome of Sprague-Dawley Rats.

Impact of chronic exposure of rainbow trout, *Oncorhynchus mykiss*, to low doses of glyphosate or glyphosate-based herbicides.

Different effects of an N-phenylimide herbicide on heme biosynthesis between human and rat erythroid cells.

Co-exposure of iron oxide nanoparticles and glyphosate-based herbicide induces DNA damage and mutagenic effects in the guppy (*Poecilia reticulata*).

Genotoxic effects of glyphosate on *Physalaemus* tadpoles.

Effects of chronic glyphosate exposure on antioxidative status, metabolism and immune response in tilapia (GIFT, *Oreochromis niloticus*).

Resveratrol: Isolation, and Its Nanostructured Lipid Carriers, Inhibits Cell Proliferation, Induces Cell Apoptosis in Certain Human Cell Lines Carcinoma and Exerts Protective Effect Against Paraquat-Induced Hepatotoxicity.

Effects of Trans-Cinnamaldehyde on Reperfused Ischemic Skeletal Muscle and the Relationship to Laminin.

Study on the Efficacy and Safety of Ambroxol Combined with Methylprednisolone in Patients with Acute Lung Injury.

pH-triggered small molecule nano-prodrugs emulsified from tryptamine-cinnamaldehyde twin drug for targeted synergistic glioma therapy.

Resveratrol protects intestinal integrity, alleviates intestinal inflammation and oxidative stress by modulating AhR/Nrf2 pathways in weaned piglets challenged with diquat.

Monomethylated arsenic was the Major methylated arsenic in Red blood cells of acute promyelocytic leukemia patients treated with arsenic trioxide.

[Clinical research of the differences between hematocrit and serum albumin for evaluating the severity of acute paraquat poisoning].

Acrolein Induces Systemic Coagulopathy via Autophagy-dependent Secretion of von Willebrand Factor in Mice after Traumatic Brain Injury.

Evaluation of Multiple Organ Dysfunction Score (MODS) and the Sequential Organ Failure Assessment (SOFA) score as in-hospital outcome predictors among cases of hydrogen cyanamide exposure: a cross-sectional study.

Cinnamaldehyde Improves Metabolic Functions in Streptozotocin-Induced Diabetic Mice by Regulating Gut Microbiota.

[Four cases of acute diquat poisoning with prominent epileptoid seizure and literature review].

Pilot study on the urinary excretion of the glyphosate metabolite aminomethylphosphonic acid and breast cancer risk: The Multiethnic Cohort study.

Glyphosate inhibits melanization and increases susceptibility to infection in insects.

Mechanistic role of antioxidants in rescuing delayed gastric emptying in high fat diet induced diabetic female mice.

The Onset of Systemic Oxidative Stress Associated with the Accumulation of Lipid Peroxidation Product Acrolein in the Skin of Patients with Small-Vessel Vasculitis.

Esophagitis dissecans superficialis associated with acute transoral paraquat poisoning: Clinical study of 15 cases.

[Progress in the study of pulmonary fibrosis signaling pathways caused by paraquat poisoning].

Coniferaldehyde prevents articular cartilage destruction in a murine model via Nrf2/HO-1 pathway.

Cinnamaldehyde mitigates placental vascular dysfunction of gestational diabetes and protects from the associated fetal hypoxia by modulating placental angiogenesis, metabolic activity and oxidative stress.

[Analysis of the level of T lymphocyte subsets and the relationship with the prognosis of pulmonary fibrosis in patients with paraquat poisoning].

Pediococcus pentosaceus ZJUA4-4 relieves oxidative stress and restores the gut microbiota in diquat-induced intestinal injury.

Urinary Levels of the Acrolein Conjugates of Carnosine Are Associated with Cardiovascular Disease Risk.

An Unusual Case of Paraquat-Induced Rhabdomyolysis and Hepatic Injury Presenting With Takotsubo Cardiomyopathy.

Effect of different doses of 2,4-dichlorophenoxyacetic acid (2,4-D) on cardiac parameters in male Wistar rats.

Microscale Parallel Synthesis of Acylated Aminotriazoles Enabling the Development of Factor XIIa and Thrombin Inhibitors.

Reaction dynamics and residue identification of haemoglobin modification by acrolein, a lipid-peroxidation by-product.

E-cigarette vaping liquids and the flavoring chemical cinnamaldehyde perturb bone, cartilage and vascular development in zebrafish embryos.

Determination of twenty herbicides in blood by ultrahigh pressure liquid chromatography-tandem mass spectrometry.

[Analysis of clinical characteristics and prognostic factors in 40 cases of acute glyphosate poisoning].

Acrolein but not its metabolite, 3-Hydroxypropylmercapturic acid (3HPMA), activates vascular transient receptor potential Ankyrin-1 (TRPA1): Physiological to toxicological implications.

The Herbicide Atrazine Potentiates Angiotensin II-Induced Aldosterone Synthesis and Release From Adrenal Cells.

Exposure to volatile organic compounds - acrolein, 1,3-butadiene, and crotonaldehyde - is associated with vascular dysfunction.

Regulation of secondary metabolite biosynthesis in *Monascus purpureus* via cofactor metabolic engineering strategies.

DNA methylation in the adipose tissue and whole blood of Agent Orange-exposed Operation Ranch Hand veterans: a pilot study.

Arsenic Exposure, Arsenic Metabolism, and Glycemia: Results from a Clinical Population in New York City.

Glyphosate and AMPA Induce Alterations in Expression of Genes Involved in Chromatin Architecture in Human Peripheral Blood Mononuclear Cells (In Vitro).

Low Doses of Glyphosate/Roundup Alter Blood-Testis Barrier Integrity in Juvenile Rats.

Subchronic toxicity study in rats evaluating herbicide-tolerant soybean DAS-68416-4.

Effect of supercritical incorporation of cinnamaldehyde on physical-chemical properties, disintegration and toxicity studies of PLA/lignin nanocomposites.

The problem with implementing fish farms in agricultural regions: A trial in a pampean pond highlights potential risks to both human and fish health.

Associations between blood arsenic and urinary arsenic species concentrations as an exposure characterization tool.

Preparation of S-iron-enriched yeast using siderophores and its effect on iron deficiency anemia in rats.

Chrysin attenuates sodium arsenite-induced nephrotoxicity in rats by suppressing oxidative stress and inflammation.

Bikini textile contact dermatitis: A Sherlockian approach revealing 2,4-dichlorophenol as a potential textile contact allergen.

Platelet autophagic machinery involved in thrombosis through a novel linkage of AMPK-MTOR to sphingolipid metabolism.

Evaluating Glycemic Control During Basalin or Lantus Administration in Adults With Controlled Type 2 Diabetes Mellitus Using Continuous Glucose Monitoring.

Metabolomic Profiling of Poor Ovarian Response Identifies Potential Predictive Biomarkers.

The Binding of Aripiprazole to Plasma Proteins in Chronic Renal Failure Patients.

A randomized controlled trial comparing the efficacy, tolerability, and cost of oral iron preparations in iron-deficiency anemia in pregnancy.

Effects of prebiotic oligofructose-enriched inulin on gut-derived uremic toxins and disease progression in rats with adenine-induced chronic kidney disease.

Oral Iron Absorption Test: A Simple Test with Relevance in the Clinical Setting.

Iron distribution in different tissues of homozygous Mask (msk/msk) mice and the effects of oral iron treatments.

Dinitrophenol-mediated modulation of an anti-PD-L1 VHH for Fc-dependent effector functions and prolonged serum half-life.

Lipid metabolism disorders associated with dioxin exposure in a cohort of Chinese male workers revealed by a comprehensive lipidomics study.

Characteristics of arsenic species in cerebrospinal fluid (CSF) of acute promyelocytic leukaemia (APL) patients treated with arsenic trioxide plus mannitol.

Serum levels of polychlorinated biphenyls and stroke risk among Chinese: a hospital-based case-control study.

Transcriptome-based analysis of blood samples reveals elevation of DNA damage response, neutrophil degranulation, cancer and neurodegenerative pathways in Plasmodium falciparum patients.

Solar processes and ozonation for fresh-cut wastewater reclamation and reuse: Assessment of chemical, microbiological and chlorosis risks of raw-eaten crops.

Exposure to pesticides and childhood leukemia risk: A systematic review and meta-analysis.

Comparative Evaluation of Sucrosomial Iron and Iron Oxide Nanoparticles as Oral Supplements in Iron Deficiency Anemia in Piglets.

Evaluation of arsenic species in leukocytes and granulocytes of acute promyelocytic leukemia patients treated with arsenic trioxide.

Effect of renal impairment on arsenic accumulation, methylation capacity, and safety in acute promyelocytic leukemia (APL) patients treated with arsenic trioxide.

Oral high-dose sucrosomial iron vs intravenous iron in sideropenic anemia patients intolerant/refractory to iron sulfate: a multicentric randomized study.

A case of iron deficiency anemia with extremely hyperferritinemia responds well to oral iron: the first identified hereditary hyperferritinemia cataract syndrome in China.

Fenofibrate, a peroxisome proliferator-activated receptor-alpha agonist, blocks steatosis and alters the inflammatory response in a mouse model of inflammation-dioxin interaction.

Dietary Selenium Deficiency Partially Mimics the Metabolic Effects of Arsenic.

Evaluation of Salivary Indoxyl Sulfate with Proteinuria for Predicting Graft Deterioration in Kidney Transplant Recipients.

Baseline Hemoglobin, Hepcidin, Ferritin, and Total Body Iron Stores are Equally Strong Diagnostic Predictors of a Hemoglobin Response to 12 Weeks of Daily Iron Supplementation in Cambodian Women.

In Vitro and Clinical Pharmacokinetic Studies of the Effects of Iron-containing Agents on Vadadustat, an Oral Hypoxia-inducible Factor-Prolyl Hydroxylase Inhibitor.

Overexpression of miR-19a and miR-20a in iPS-MSCs preserves renal function of chronic kidney disease with acute ischaemia-reperfusion injury in rat.

Direct and specific analysis of nitrite and nitrate in biological and non-biological samples by capillary ion analysis for the rapid identification of fatal intoxications with sodium nitrite.

Glutathione: An Old and Small Molecule with Great Functions and New Applications in the Brain and in Alzheimer's Disease.

Staphylococcus aureus Peptide Methionine Sulfoxide Reductases Protect from Human Whole-Blood Killing.

Oxidative stress inducers potentiate 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated pre-cardiac edema in larval zebrafish.

Comparison of efficacy & safety of iron polymaltose complex & ferrous ascorbate with ferrous sulphate in pregnant women with iron-deficiency anaemia.

A successful protocol for desensitization to iron salts.

Intravenous iron is non-inferior to oral iron regarding cell growth and iron metabolism in colorectal cancer associated with iron-deficiency anaemia.

Iron preparations for women of reproductive age with iron deficiency anaemia in pregnancy (FRIDA): a systematic review and network meta-analysis.

A novel imidazolinone metformin-methylglyoxal metabolite promotes endothelial cell angiogenesis via the eNOS/HIF-1 α pathway.

Novel edible toys as iron carrier to prevent iron deficiency of postweaned pigs.

Effect of Fortification with Multiple Micronutrient Powder on the Prevention and Treatment of Iron Deficiency and Anaemia in Brazilian Children: A Randomized Clinical Trial.

[The Comparison of Iron Deficiency Anemia Rat Treated with Hydroxypropyl Chitosan Ferrous Ion Complex and Ferrous Sulfate].

Detrimental effects of 6 months exposure to very low doses of a mixture of six pesticides associated with chronic vitamin deficiency on rats.

Prolonged Low-Dose Dioxin Exposure Impairs Metabolic Adaptability to High-Fat Diet Feeding in Female but Not Male Mice.

Randomized Trial of Oral Iron and Diet Advice versus Diet Advice Alone in Young Children with Nonanemic Iron Deficiency.

Inulin supplementation ameliorates hyperuricemia and modulates gut microbiota in Uox-knockout mice.

[Risk factors associated with acute kidney injury caused by pesticide poisoning].

Developmental and lifelong dioxin exposure induces measurable changes in cardiac structure and function in adulthood.

Multi-Nutrient Fortified Dairy-Based Drink Reduces Anaemia without Observed Adverse Effects on Gut Microbiota in Anaemic Malnourished Nigerian Toddlers: A Randomised Dose-Response Study.

Associations among total p-cresylsulfate, indoxyl sulfate and hippuric acid levels with hemodialysis quality indicators in maintenance hemodialysis patients.

Non-targeted metabolomics analyses by mass spectrometry to explore metabolic stress after six training weeks in high level swimmers.

Rapamycin Alleviates 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Induced Aggravated Dermatitis in Mice with Imiquimod-Induced Psoriasis-Like Dermatitis by Inducing Autophagy.

Coenzyme Q(10) protected against arsenite and enhanced the capacity of 2,3-dimercaptosuccinic acid to ameliorate arsenite-induced toxicity in mice.

Ferric carboxymaltose vs. ferrous sulfate for the treatment of anemia in advanced chronic kidney disease: an observational retrospective study and cost analysis.

Ephedra Herb, Mao, Inhibits Antigen-Induced Mast Cell Degranulation by Induction of the Affinity Receptor for IgE Internalization.

2,4-Dinitrophenol overdose - Everything old is new again.

Pre- and post-diagnostic blood profiles of chlorinated persistent organic pollutants and metabolic markers in type 2 diabetes mellitus cases and controls; a pilot study.

Occupation, occupational exposures and mammographic density in Spanish women.

Inorganic arsenic induces sex-dependent pathological hypertrophy in the heart.

"That's Not His Regular Formula": A Case of Organophosphate Poisoning in an Infant.

Vitamin D improves pulmonary function in a rat model for congenital diaphragmatic hernia.

Influences of Selenium-Enriched Yeast on Growth Performance, Immune Function, and Antioxidant Capacity in Weaned Pigs Exposure to Oxidative Stress.

Bayesian Group Index Regression for Modeling Chemical Mixtures and Cancer Risk.

Thrombolome and Its Emerging Role in Chronic Kidney Diseases.

Iron Protein Succinylate in the Management of Iron Deficiency Anemia: A Comparative Study with Ferrous Sulphate at Low and High Therapeutic Doses.

Insulin, Not the Preservative m-cresol, Instigates Loss of Infusion Site Patency Over Extended Durations of CSII in Diabetic Swine.

Cenobamate: A New Adjunctive Agent for Drug-Resistant Focal Onset Epilepsy.

Neurobehavioural and cognitive effects of prenatal exposure to organochlorine compounds in three year old children.

The Role of Gut Bacterial Metabolites in Brain Development, Aging and Disease.

Sustained high expression of NRF2 and its target genes induces dysregulation of cellular proliferation and apoptosis is associated with arsenite-induced malignant transformation of human bronchial epithelial cells.

Key Considerations for Policymakers-Iodized Salt as a Vehicle for Iron Fortification: Current Evidence, Challenges, and Knowledge Gaps.

Comparison between oral ferrous sulfate and intravenous ferric carboxymaltose in children with restless sleep disorder.

Proportionate mortality study of unionized maintenance of way railroad workers.

A Positive Relationship between Exposure to Heavy Metals and Development of Chronic Diseases: A Case Study from Chile.

Arsenite suppresses IL-2-dependent tumoricidal activities of natural killer cells.

Novel porous chitosan/N-halamine structure with efficient antibacterial and hemostatic properties.

Efficacy and safety of intravenous ferric carboxymaltose compared with oral iron for the treatment of iron deficiency anaemia in women after childbirth in Tanzania: a parallel-group, open-label, randomised controlled phase 3 trial.

Platinum and zinc oxide modified carbon nitride electrode as non-enzymatic highly selective and reusable electrochemical diabetic sensor in human blood.

Pbx1, Meis1, and Runx1 Expression Is Decreased in the Diaphragmatic and Pulmonary Mesenchyme of Rats with Nitrofen-Induced Congenital Diaphragmatic Hernia.

TCDD attenuates EAE through induction of FasL on B cells and inhibition of IgG production.

A Selective Medium for Isolation and Detection of *Candida auris*, an Emerging Pathogen.

Adverse effects of iron deficiency anemia on pregnancy outcome and offspring development and intervention of three iron supplements.

Aryl Hydrocarbon Receptor and Dioxin-Related Health Hazards-Lessons from Yusho.

Assessment of Grouped Weighted Quantile Sum Regression for Modeling Chemical Mixtures and Cancer Risk.

Cardiovascular risk factors associated with coronary ectasia and acute myocardial infarction.

Exposure of Environmental Contaminants and Development of Neurological Disorders.

Reno-Hepatoprotective and Antidiabetic Properties of Methanol Leaf Extract of *Laportea aestuans* in Wistar Rats.

Transamniotic Stem Cell Therapy for Experimental Congenital Diaphragmatic Hernia: Structural, Transcriptional, and Cell Kinetics Analyses in the Nitrofen Model.

Carbon nitride-based nanocaptor: An intelligent nanosystem with metal ions chelating effect for enhanced magnetic targeting phototherapy of Alzheimer's disease.

A protocol of situation-dependent transfusion, erythropoietin and tranexamic acid reduces transfusion in fronto-orbital advancement for metopic and coronal craniosynostosis.

Alterations in Regional Brain Regional Volume Associated with Dioxin Exposure in Men Living in the Most Dioxin-Contaminated Area in Vietnam: Magnetic Resonance Imaging (MRI) Analysis Using Voxel-Based Morphometry (VBM).

Protracted Impairment of Maternal Metabolic Health in Mouse Dams Following Pregnancy Exposure to a Mixture of Low Dose Endocrine-Disrupting Chemicals, a Pilot Study.

Proteomics and metabolic phenotyping define principal roles for the aryl hydrocarbon receptor in mouse liver.

The Improvement of the Adaptation Process of Tocopherol and Acetylsalicylic Acid in Offspring of Mothers Exposed to TCDD.

Effects of Iron Supplementation on Attention Deficit Hyperactivity Disorder in Children Treated with Methylphenidate.

Chronic Dietary Exposure of Roosters to a Glyphosate-Based Herbicide Increases Seminal Plasma Glyphosate and AMPA Concentrations, Alters Sperm Parameters, and Induces Metabolic Disorders in the Progeny.

Pulmonary histopathology in fatal paraquat poisoning.

Comparative hepatotoxicity of a herbicide, epyrifenacil, in humans and rodents by comparing the dynamics and kinetics of its causal metabolite.

Inhibitory effect of pirfenidone on pulmonary fibrosis in patients with acute paraquat poisoning.

Could Mesna and Celery Seed Cotherapy Modulate Oxidative Stress and Inflammation of the Urinary Bladder Induced by Ifosfamide in Rabbits?

Animal Toxicology Studies on the Male Reproductive Effects of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin: Data Analysis and Health Effects Evaluation.

Impact of heat on biological concentrations of toluene and acetone resulting from exposure by inhalation: A pilot study.

Wild garlic extract reduces lipid peroxidation in terbuthylazine-treated human erythrocytes.

The Role of Bacterial-Derived Aromatic Amino Acids Metabolites Relevant in Autism Spectrum Disorders: A Comprehensive Review.

Provision of folic acid for reducing arsenic toxicity in arsenic-exposed children and adults.

Cytokine changes in fatal cases of paraquat poisoning.

An injectable anti-microbial and adhesive hydrogel for the effective noncompressible visceral hemostasis and wound repair.

Absence of prostacyclin greatly relieves cyclophosphamide-induced cystitis and bladder pain in mice.

PCB cause global DNA hypomethylation of human peripheral blood monocytes in vitro.

Impact of whole-body versus nose-only inhalation exposure systems on systemic, respiratory, and cardiovascular endpoints in a 2-month cigarette smoke exposure study in the ApoE(-/-) mouse model.

Dilated Cardiomyopathy Associated with Paraquat Herbicide Poisoning.

The AST-120 Recovers Uremic Toxin-Induced Cognitive Deficit via NLRP3 Inflammasome Pathway in Astrocytes and Microglia.

The use of biomarkers associated with leaky gut as a diagnostic tool for early intervention in autism spectrum disorder: a systematic review.

Sugarcane Workweek Study: Risk Factors for Daily Changes in Creatinine.

GDNF requires HIF-1 α and RET activation for suppression of programmed cell death of enteric neurons by metabolic challenge.

Clothianidin alters leukocyte profiles and elevates measures of oxidative stress in tadpoles of the amphibian, *Rana pipiens*.

Endocrine disrupting chemicals and bone.

Perinatal Resveratrol Therapy to Dioxin-Exposed Dams Prevents the Programming of Hypertension in Adult Rat Offspring.

Impact of broad-spectrum pesticides used in the agricultural and forestry sector on the pesticide profile in wild boar, roe deer and deer and risk assessment for venison consumers.

Growth, secondary metabolite production, and in vitro antiplasmodial activity of *Sonchus arvensis* L. callus under dolomite [CaMg(CO₃)₂] treatment.

Impact of Estrogen Withdrawal and Replacement in Female Mice along the Intestinal Tract. Comparison of E2 Replacement with the Effect of a Mixture of Low Dose Pollutants.

Mechanistic Investigation of Xuebijing for Treatment of Paraquat-Induced Pulmonary Fibrosis by Metabolomics and Network Pharmacology.

Fine particulate matter air pollution and aortic perivascular adipose tissue: Oxidative stress, leptin, and vascular dysfunction.

PCB plasma level in different occupational groups in Iran.

The impact of vaping on ocular health: a literature review.

Effects of Coated Cysteamine on Oxidative Stress and Inflammation in Weaned Pigs.

Independent and combined associations of urinary heavy metals exposure and serum sex hormones among adults in NHANES 2013-2016.

Acute Administration of Bioavailable Curcumin Alongside Ferrous Sulphate Supplements Does Not Impair Iron Absorption in Healthy Adults in a Randomised Trial.

Determination of Pendimethalin Dynamic Residual Distribution in Crucian Carp Tissues and Associated Risk Assessment.

Bivalve haemocyte adhesion, aggregation and phagocytosis: A tool to reckon arsenic induced threats to freshwater ecosystem.

Hair versus urine for the biomonitoring of pesticide exposure: Results from a pilot cohort study on pregnant women.

Protective and therapeutic effect of hydrogen sulfide on hemorrhagic cystitis and testis dysfunction induced with cyclophosphamide.

Determination of Azide Ions in Blood by Pentafluorobenzyl Derivation Followed by GC-MS.

Case fatality of agricultural pesticides after self-poisoning in Sri Lanka: a prospective cohort study.

Autonomic and cholinergic mechanisms mediating cardiovascular and temperature effects of donepezil in conscious mice.

Pharmacokinetics of 2-phenoxyethanol and its major metabolite, phenoxyacetic acid, after dermal and inhaled routes of exposure: application to development PBPK model in rats.

LncRNA XIST Promoted OGD-Induced Neuronal Injury Through Modulating/miR-455-3p/TIPARP Axis.

Daily Oral Supplementation with 60 mg of Elemental Iron for 12 Weeks Alters Blood Mitochondrial DNA Content, but Not Leukocyte Telomere Length in Cambodian Women.

Recombinant Expression of Thrombolytic Agent Reteplase in Marine Microalga *Tetraselmis subcordiformis* (Chlorodendrales, Chlorophyta).

Evaluation of pentoxifylline and ferrous sulfate for treatment of lower limb venous ulcers.

Role of Fucoidan on the Growth Behavior and Blood Metabolites and Toxic Effects of Atrazine in Nile Tilapia *Oreochromis niloticus* (Linnaeus, 1758).

Removal of the fishy malodor from *Bangia fusco-purpurea* via fermentation of *Saccharomyces cerevisiae*, *Acetobacter pasteurianus*, and *Lactobacillus plantarum*.

Hematological and cytochemical characteristics of peripheral blood cells in the argus snakehead (*Ophiocephalus argus* Cantor).

Complex Coronary Instant Chronic Total Occlusion Lesions: Oxidative Stress, Inflammation, and Coronary Stent Lengths.

Ethanol extract of *Vitellaria paradoxa* (Gaertn, F) leaves protects against sodium arsenite - induced toxicity in male wistar rats.

Toxicokinetic analysis of commonly used pesticides using data on acute poisoning cases from Hyderabad, South India.

Acute liver injury associated with Oxyfluorfen toxicity.

Experimental acute arsenic toxicity in Balb/c mice: organic markers and splenic involvement.

HGF-Modified Dental Pulp Stem Cells Mitigate the Inflammatory and Fibrotic Responses in Paraquat-Induced Acute Respiratory Distress Syndrome.

Sodium arsenite induces spatial learning and memory impairment associated with oxidative stress and activates the Nrf2/PPAR γ pathway against oxidative injury in mice hippocampus.

Adverse effects of atrazine on blood parameters, biochemical profile and genotoxicity of snow trout (*Schizothorax plagiostomus*).

Bach1 plays an important role in angiogenesis through regulation of oxidative stress.

Estimating plasma half-lives of dioxin like and non-dioxin like polychlorinated biphenyls after occupational exposure in the German HELPCB cohort.

Serum dioxin concentrations in military workers at three dioxin-contaminated airbases in Vietnam.

Enlisting a Traditional Chinese Medicine to tune the gelation kinetics of a bioactive tissue adhesive for fast hemostasis or minimally invasive therapy.

Hybrid gelatin/oxidized chondroitin sulfate hydrogels incorporating bioactive glass nanoparticles with enhanced mechanical properties, mineralization, and osteogenic differentiation.

Environmental Toxins Found Historically in the Polycythemia Vera Cluster Area and their Potential for Inducing DNA Damage.

Analysis of the Soil Fumigant, Dimethyl Disulfide, in Swine Blood by Dynamic Headspace Gas Chromatography-Mass Spectroscopy.

Importance of monitoring arsenic methylation metabolism in acute promyelocytic leukemia patients receiving the treatment of arsenic trioxide.

Isolation of 4-hydroxy 3-methyl 2-butenyl 4-diphosphate reductase (ApHDR) gene of methyl erythritol diphosphate (MEP) pathway, in silico analysis and differential tissue specific ApHDR expression in *Andrographis paniculata* (Burm. f) Nees.

Benfuresate induces developmental toxicity in zebrafish larvae by generating apoptosis and pathological modifications.

Isolation and characterization of arsenic-binding siderophores from *Rhodococcus erythropolis* S43: role of heterobactin B and other heterobactin variants.

Tetrachlorobenzoquinone exposure triggers ferroptosis contributing to its neurotoxicity.

Quercetin Alleviates Oxidative Damage by Activating Nuclear Factor Erythroid 2-Related Factor 2 Signaling in Porcine Enterocytes.

Secondary Somatic Embryogenesis in *Centaurium erythraea* Rafn.

A bone regeneration strategy via dual delivery of demineralized bone matrix powder and hypoxia-pretreated bone marrow stromal cells using an injectable self-healing hydrogel.

Acute Changes in Thyroid Hormone Levels among Thai Pesticide Sprayers.

Protective effect of melatonin against herbicides-induced hepatotoxicity in rats.

Chlorogenic acid abates male reproductive dysfunction in arsenic-exposed mice via attenuation of testicular oxido-inflammatory stress and apoptotic responses.

Prioritization of Pesticides for Assessment of Risk to Aquatic Ecosystems in Canada and Identification of Knowledge Gaps.

Endocrine disrupting chemicals and reproductive disorders in women, men, and animal models.

Liquid Biopsies in a Veteran Patient Population With Advanced Prostate and Lung Non-Small Cell Carcinomas: A New Paradigm and Unique Challenge in Personalized Medicine.

Renal tubular injury induced by glyphosate combined with hard water: the role of cytosolic phospholipase A2.

Neurophysiological and behavioral responses of blacklegged ticks to host odors.

Associations of PCBs, dioxins and furans with follicle-stimulating hormone and luteinizing hormone in postmenopausal women: National Health and Nutrition Examination Survey 1999-2002.

Green sonochemical synthesis and fabrication of cubic MnFe(2)O(4) electrocatalyst decorated carbon nitride nanohybrid for neurotransmitter detection in serum samples.

Identify the Early Predictor of Mortality in Patients with Acute Paraquat Poisoning.

Impact of Diuron contamination on blood cockles (*Tegillarca granosa* Linnaeus, 1758).

A 90-day subchronic toxicity study of transgenic cotton expressing Cry1Ac, Cry2A and CP4-EPSPS proteins in Sprague-Dawley rats.

The impact and toxicity of glyphosate and glyphosate-based herbicides on health and immunity.

Integrated ecotoxicological assessment of the complex interactions between chlorpyrifos and glyphosate on a non-target species *Cnesterodon decemmaculatus* (Jenyns, 1842).

Ion transport mechanisms for smoke inhalation-injured airway epithelial barrier.

Mucosal-associated invariant T-Cell (MAIT) activation is altered by chlorpyrifos- and glyphosate-treated commensal gut bacteria.

DP-2216-6 maize does not adversely affect rats in a 90-day feeding study.

Chronic exposure of human glioblastoma tumors to low concentrations of a pesticide mixture induced multidrug resistance against chemotherapy agents.

The PARK2 Mutation Associated with Parkinson's Disease Enhances the Vulnerability of Peripheral Blood Lymphocytes to Paraquat.

Hematological and immunological responses in the African catfish *Clarias fariatus* exposed to sublethal concentrations of herbicide Ronstar®.

Larval pesticide exposure impacts monarch butterfly performance.

Depletion of NK cells attenuates paraquat-induced acute lung injury by manipulating macrophage polarization.

Determination of arsenicals in mouse tissues after simulated exposure to arsenic from rice for sixteen weeks and the effects on histopathological features.

Paraquat increases Interleukin-1 β in hippocampal dentate gyrus to impair hippocampal neurogenesis in adult mice.

Glyphosate-induced Delayed Pyloric Obstruction, Ulcer and Scar Changes.

Effect of zinc supplementation on chronic hepatorenal toxicity following oral exposure to glyphosate-based herbicide (Bushfire®) in rats.

Pesticides used in Europe and autism spectrum disorder risk: can novel exposure hypotheses be formulated beyond organophosphates, organochlorines, pyrethroids and carbamates? - A systematic review.

The selected epigenetic effects of aminomethylphosphonic acid, a primary metabolite of glyphosate on human peripheral blood mononuclear cells (in vitro).

Evaluation of oxidative stress responses and primary DNA damage in blood and brain of rats exposed to low levels of tembotrione.

Effects of glyphosate, cypermethrin, and chlorpyrifos on hematological parameters of the tegu lizard (*Salvator merianae*) in different embryo stages.

[Treatment of "hydration therapy" for acute paraquat poisoning].

Embryotoxicity of atrazine and its degradation products to early life stages of zebrafish (*Danio rerio*).

[Study on the protective effect and mechanism of somatostatin on renal injury in paraquat intoxicated mice].

Investigation of simple, objective, and effective indicators for predicting acute paraquat poisoning outcomes.

[Predictive value of early indicators changes in blood test on the prognosis of patients with acute paraquat poisoning].

Osteonecrosis of Femoral Head, An Overlooked Long-Term Complication after Paraquat Intoxication: A Retrospective Cohort Study.

Pterostilbene as a protective antioxidant attenuates diquat-induced liver injury and oxidative stress in 21-day-old broiler chickens.

Cytogenotoxic effect of propanil using the *Lens culinaris* Med and *Allium cepa* L test.

Sub-acute toxicological and behavioural effects of two candidate therapeutics, cinnamaldehyde and eugenol, for treatment of ESBL producing-quinolone resistant pathogenic Enterobacteriaceae.

Maternal glyphosate exposure causes autism-like behaviors in offspring through increased expression of soluble epoxide hydrolase.

[Effect of bone marrow mesenchymal stem cells on paraquat-induced pulmonary fibrosis in rats].

[The expression of Nrf2 in the lung tissue of rats with acute diquat poisoning and the distribution of diquat in lungs].

Environmental Pollution, Oxidative Stress and Thioretinaco Ozonide: Effects of Glyphosate, Fluoride and Electromagnetic Fields on Mitochondrial Dysfunction in Carcinogenesis, Atherogenesis and Aging.

Comparison of the effects of resveratrol and its derivative pterostilbene on hepatic oxidative stress and mitochondrial dysfunction in piglets challenged with diquat.

Genotoxicity and oxidative stress in *Caiman latirostris* hatchlings exposed to pesticide formulations and their mixtures during incubation period.

Functionality and DNA-damage properties of blood cells in lactating cows exposed to glyphosate contaminated feed at different feed energy levels.

Female Guinea Pig Model for Cough Studies and Its Response to Most Common Tussive Substances.

Sestrin2 as Serum Protein Marker and Potential Therapeutic Target for Parkinson's Disease.

Glyphosate affects methylation in the promoter regions of selected tumor suppressors as well as expression of major cell cycle and apoptosis drivers in PBMCs (in vitro study).

Exposure to glyphosate and risk of non-Hodgkin lymphoma and multiple myeloma: an updated meta-analysis.

[The assessment value of urinary NGAL combined with blood NLR in the early prognosis of patients with acute paraquat poisoning].

Glyphosate-based herbicide impairs energy metabolism and increases autophagy in C6 astrogloma cell line.

Human amniotic mesenchymal stem cells alleviate paraquat-induced pulmonary fibrosis in rats by inhibiting the inflammatory response.

Assessment of anilofos-induced mutagenicity in bone marrow and germ cells of Swiss albino mice.

Genotoxicity of mixtures of glyphosate with 2,4-dichlorophenoxyacetic acid chemical forms towards *Cnesterodon decemmaculatus* (Pisces, Poeciliidae).

Effects of a mixture of low doses of atrazine and benzo[a]pyrene on the rat seminiferous epithelium either during or after the establishment of the blood-testis barrier in the rat seminiferous tubule culture model.

Effects of acrolein in comparison to its prodrug cyclophosphamide on human primary endothelial cells in vitro.

In vitro effects of glyphosate and Roundup on Sertoli cell physiology.

Evaluation of genotoxicity after acute and chronic exposure to 2,4-dichlorophenoxyacetic acid herbicide (2,4-D) in rodents using machine learning algorithms.

Continuous hemoperfusion relieves pulmonary fibrosis in patients with acute mild and moderate paraquat poisoning.

An imazethapyr-based herbicide formulation induces genotoxic, biochemical, and individual organizational effects in *Leptodactylus latinasus* tadpoles (Anura: Leptodactylidae).

Involvement of ADAM10 in acrolein-induced astrocytic inflammation.

Evaluation of apoptotic potential of glyphosate metabolites and impurities in human peripheral blood mononuclear cells (in vitro study).

Magnesium supplementation ameliorates toxic effects of 2,4-dichlorophenoxyacetic acid in rat model.

Ischemic stroke disrupts the endothelial glycocalyx through activation of proHPSE via acrolein exposure.

Protective Effects of Cinnamaldehyde against Mesenteric Ischemia-Reperfusion-Induced Lung and Liver Injuries in Rats.

Anti-Allergic Potential of Cinnamaldehyde via the Inhibitory Effect of Histidine Decarboxylase (HDC) Producing *Klebsiella pneumoniae*.

Anti-hypertensive effect of hydrogen peroxide acting centrally.

Structural change and degradation of cytoskeleton due to the acrolein conjugation with vimentin and actin during brain infarction.

Acrolein Aggravates Secondary Brain Injury After Intracerebral Hemorrhage Through Drp1-Mediated Mitochondrial Oxidative Damage in Mice.

Coniferyl Aldehyde Inhibits the Inflammatory Effects of Leptomeningeal Cells by Suppressing the JAK2 Signaling.

Cinnamaldehyde protects against rat intestinal ischemia/reperfusion injuries by synergistic inhibition of NF- κ B and p53.

Dicamba use and cancer incidence in the agricultural health study: an updated analysis.

Quantification of 3-Hydroxypropyl Mercapturic Acid in the Urine of Patients with Breast Cancer to Monitor Cyclophosphamide Toxicity.

Cinnamaldehyde Ameliorates Vascular Dysfunction in Diabetic Mice by Activating Nrf2.

Cinnamaldehyde protects against oxidative stress and inhibits the TNF α -induced inflammatory response in human umbilical vein endothelial cells.

Cardiospecific Overexpression of ATPGD1 (Carnosine Synthase) Increases Histidine Dipeptide Levels and Prevents Myocardial Ischemia Reperfusion Injury.

Biogenic selenium nanoparticles synthesized by *Lactobacillus casei* ATCC 393 alleviate diquat-induced intestinal barrier dysfunction in C57BL/6 mice through their antioxidant activity.

Protective effects of Alda-1, an ALDH2 activator, on alcohol-derived DNA damage in the esophagus of human ALDH2*2 (Glu504Lys) knock-in mice.

The polypharmacy reduction potential of cinnamic acids and some related compounds in pre- and post-onset management of type 2 diabetes mellitus.

Stephalagine, an aporphine alkaloid from *Annona crassiflora* fruit peel, induces antinociceptive effects by TRPA1 and TRPV1 channels modulation in mice.

Weak acidic stable carbazate modified cellulose membranes target for scavenging carbonylated proteins in hemodialysis.

Myelodysplastic syndromes (MDS) occurring in Agent Orange exposed individuals carry a mutational spectrum similar to that of de novo MDS.

trans-Cinnamaldehyde Prevents Oxidative Stress-Induced Apoptosis in V79-4 Chinese Hamster Lung Fibroblasts through the Nrf2-Mediated HO-1 Activation.

Relationship between the amount and composition of epicuticular wax and tolerance of Ipomoea biotypes to glyphosate.

Aldehyde Dehydrogenase Inhibition Ameliorates Cardiac Dysfunction and Exacerbates Hypotension Caused by Alcohol in Female Rats.

Three rare pathogenic mtDNA substitutions in LHON patients with low heteroplasmy.

Acrolein is involved in ischemic stroke-induced neurotoxicity through spermidine/spermine-N1-acetyltransferase activation.

Docking Prediction, Antifungal Activity, Anti-Biofilm Effects on Candida spp., and Toxicity against Human Cells of Cinnamaldehyde.

[NEURO-HUMORAL DISORDERS OF THE ADAPTATION SYSTEM UNDER THE ACTION OF CERTAIN CLASSES OF PESTICIDES].

Mutagenic, genotoxic and morphotoxic potential of different pesticides in the erythrocytes of Podocnemis expansa neonates.

Cinnamaldehyde changes the dynamic balance of glucose metabolism by targeting ENO1.

Review of the pharmacokinetics and metabolism of triclopyr herbicide in mammals: Impact on safety assessments.

Meta-analysis of the efficacy of Xuebijing combined with hemoperfusion in treating paraquat poisoning.

Effects of quercetin loaded nanostructured lipid carriers on the paraquat-induced toxicity in human lymphocytes.

Blood biomarkers of herbicide, insecticide, and fungicide toxicity to fish-a review.

Supramolecular Hunter Stationed on Red Blood Cells for Detoxification Based on Specific Molecular Recognition.

Carboxylesterase, a de-esterification enzyme, catalyzes the degradation of chlorimuron-ethyl in Rhodococcus erythropolis D310-1.

Protective effect of catechin on pentachlorophenol-induced cytotoxicity and genotoxicity in isolated human blood cells.

Micelle-dominated distribution strategy for non-matrix matched calibration without an internal standard: "Extract-and-shoot" approach for analyzing hydrophilic targets in blood and cell samples.

Parallel and nonparallel genomic responses contribute to herbicide resistance in Ipomoea purpurea, a common agricultural weed.

Maternal and Fetal Blood Pharmacokinetics and Organ Distribution of Atrazine, Propazine, Simazine, and Their Metabolites in Pregnant Rats After Chronic Oral Administration.

Benzene homologues contaminants in a former herbicide factory site: distribution, attenuation, risk, and remediation implication.

Comparison between Iberet Folic(®) and Zincofer(®) in treatment of iron deficiency anaemia in pregnancy.

Comparative efficacy of Nano and Bulk Monoisoamyl DMSA against arsenic-induced neurotoxicity in rats.

Catechol protects against iron-mediated oxidative brain injury by restoring antioxidative metabolic pathways; and modulation of purinergic and cholinergic enzymes activities.

Cenobamate for the treatment of focal epilepsies.

Ferritin readings in young adult, female university student recreational runners.

IL-12p40 and sRAGE in serum correlate with chemically induced cleft palate in mice.

Increased photoinactivation stress tolerance of *Streptococcus agalactiae* upon consecutive sublethal phototreatments.

New Methods Used in Pharmacokinetics and Therapeutic Monitoring of the First and Newer Generations of Antiepileptic Drugs (AEDs).

Evaluation of the effectiveness of valproic acid for treating cyanotic breath holding spells: A Pilot prospective study.

Weight of Evidence and Human Relevance Evaluation of the Benfluralin Mode of Action in Rats (Part II): Thyroid carcinogenesis.

Metabolic and Hematological Responses to Endotoxin-Induced Inflammation in Chicks Experiencing Embryonic 2,3,7,8-Tetrachlorodibenzodioxin Exposure.

Mucoadhesive microspheres of ferrous sulphate - A novel approach for oral iron delivery in treating anemia.

Thymoquinone protection against 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin induced nephrotoxicity in rats.

Serum indoxyl sulfate concentrations associate with progression of chronic kidney disease in children.

Inflammation response after the cessation of chronic arsenic exposure and post-treatment of natural astaxanthin in liver: potential role of cytokine-mediated cell-cell interactions.

Boron improves cardiac contractility and fibrotic remodeling following myocardial infarction injury.

Residential proximity to agriculture and risk of childhood leukemia and central nervous system tumors in the Danish national birth cohort.

Evaluation of ameliorative effect of two selected plant drugs on experimentally induced arsenic toxicity in sheep.

Serum concentrations of pesticides including organophosphates, pyrethroids and neonicotinoids in a population with osteoarthritis in Saudi Arabia.

Nanosized drug-eluting bead for transcatheter arterial chemoembolization (ND-TACE).

Effect of Ferric Citrate versus Ferrous Sulfate on Iron and Phosphate Parameters in Patients with Iron Deficiency and CKD: A Randomized Trial.

Treatment of maternal anemia by using oral iron drugs combined with diet therapy.

Acute Consumption of Prebiotic Galacto-Oligosaccharides Increases Iron Absorption from Ferrous Fumarate, but not from Ferrous Sulfate and Ferric Pyrophosphate: Stable Iron Isotope Studies in Iron-Depleted Young Women.

Cancer incidence in the vicinity of a waste incineration plant in the Nice area between 2005 and 2014.

Indoor poisoning of companion animals by chemicals.

Blood vessels are primary targets for 2,3,7,8-tetrachlorodibenzo-p-dioxin in pre-cardiac edema formation in larval zebrafish.

Influence of Resveratrol on the Cardiovascular Health Effects of Chronic Kidney Disease.

Effects of 2,3,7,8-Tetrachlorodibenzo-p-dioxin on T Cell Differentiation in Primary Biliary Cholangitis.

Pycnogenol(®) Supplementation Attenuates Memory Deficits and Protects Hippocampal CA1 Pyramidal Neurons via Antioxidative Role in a Gerbil Model of Transient Forebrain Ischemia.

Is untargeted iron supplementation harmful when iron deficiency is not the major cause of anaemia? Study protocol for a double-blind, randomised controlled trial among non-pregnant Cambodian women.

Targeting on Gut Microbiota-Derived Metabolite Trimethylamine to Protect Adult Male Rat Offspring against Hypertension Programmed by Combined Maternal High-Fructose Intake and Dioxin Exposure.

Pdgfr β -Cre mediated knockout of the aryl hydrocarbon receptor protects mice from high-fat diet induced obesity and hepatic steatosis.

Characterization of a multicenter pediatric-hydrocephalus shunt biobank.

Occupational Exposure to Pesticides and Chronic Lymphocytic Leukaemia in the MCC-Spain Study.

Efficacy of a High-Iron Dietary Intervention in Women with Celiac Disease and Iron Deficiency without Anemia: A Clinical Trial.

AHR is a tunable knob that controls HTLV-1 latency-reactivation switching.

Wheat flour fortification with iron for reducing anaemia and improving iron status in populations.

Vitamin B12 and folic acid alleviate symptoms of nutritional deficiency by antagonizing aryl hydrocarbon receptor.

2,6-Diisobornyl-4-Methylphenol Reduces Postischemic Myocardium Remodeling in Delayed Period after Ischemia/Reperfusion in Rats.

Effects of feeding increasing levels of iron from iron sulfate or iron carbonate on nursery pig growth performance and hematological criteria.

High Prevalence of Iron Deficiency Despite Standardized High-Dose Iron Supplementation During Recombinant Erythropoietin Therapy in Extremely Low Gestational Age Newborns.

Dioxin exposure and breast cancer risk in a prospective cohort study.

Ferrous sulfate oral solution in young children with iron deficiency anemia: An open-label trial of efficacy, safety, and acceptability.

Cross-crop resistance of *Spodoptera frugiperda* selected on Bt maize to genetically-modified soybean expressing Cry1Ac and Cry1F proteins in Brazil.

Uremic Toxins and Vascular Dysfunction.

Cenobamate (YKP3089) as adjunctive treatment for uncontrolled focal seizures in a large, phase 3, multicenter, open-label safety study.

Gut microbiota generation of protein-bound uremic toxins and related metabolites is not altered at different stages of chronic kidney disease.

Carboxymethyl-kappa-carrageenan: A study of biocompatibility, antioxidant and antibacterial activities.

Small molecule proteomics quantifies differences between normal and fibrotic pulmonary extracellular matrices.

Eckol from *Ecklonia cava* Suppresses Immunoglobulin E-mediated Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice.

A Prospective, Randomized, Interventional Study of Oral Iron Supplementation Comparing Daily Dose with Alternate Day Regimen Using Hepcidin as a Biomarker in Iron Deficiency Anemia.

Iron pill-induced duodenitis: A distinct pattern of duodenal mucosal injury in a patient with a duodenal mass.

Identification of environmental chemicals targeting miscarriage genes and pathways using the comparative toxicogenomics database.

A murine model of *Staphylococcus aureus* infected chronic diabetic wound: A new tool to develop alternative therapeutics.

Death of an apprentice bodybuilder following 2,4-dinitrophenol and clenbuterol intake.

Prenatal pesticide exposure and childhood leukemia - A California statewide case-control study.

Delayed iron improves iron status without altering malaria risk in severe malarial anemia.

Role of Metallothionein-1 and Metallothionein-2 in the Neuroprotective Mechanism of Sevoflurane Preconditioning in Mice.

Low concentrations of sodium arsenite induce hepatotoxicity in prepubertal male rats.

Iron absorption from supplements is greater with alternate day than with consecutive day dosing in iron-deficient anemic women.

Pediatric glioblastoma target-specific efficient delivery of gemcitabine across the blood-brain barrier via carbon nitride dots.

pH-Dependent Grafting of Cancer Cells with Antigenic Epitopes Promotes Selective Antibody-Mediated Cytotoxicity.

Aptamer-based photoelectrochemical assay for the determination of MCF-7.

Fractional iron absorption from enteric-coated ferrous sulphate tablet.

Prenatal dioxin exposure and thyroid hormone levels in the Seveso second generation study.

Lactobacillus salivarius BP121 prevents cisplatin-induced acute kidney injury by inhibition of uremic toxins such as indoxyl sulfate and p-cresol sulfate via alleviating dysbiosis.

Polymorphisms in arsenic (+3 oxidation state) methyltransferase (AS3MT) predict the occurrence of hyperleukocytosis and arsenic metabolism in APL patients treated with As₂O₃.

Diet aid or aid to die: an update on 2,4-dinitrophenol (2,4-DNP) use as a weight-loss product.

Undernutrition combined with dietary mineral oil hastens depuration of stored dioxin and polychlorinated biphenyls in ewes. 2. Tissue distribution, mass balance and body burden.

Undernutrition combined with dietary mineral oil hastens depuration of stored dioxin and polychlorinated biphenyls in ewes. 1. Kinetics in blood, adipose tissue and faeces.

A Case of a 15-Month-Old With Periorbital Edema and Severe Anemia.

Enhanced antitumor potential induced by chloroacetate-loaded benzophenones acting as fused tubulin-pyruvate dehydrogenase kinase 1 (PDHK1) ligands.

M2-like polarization of THP-1 monocyte-derived macrophages under chronic iron overload.

Nicotine exposure potentiates lung tumorigenesis by perturbing cellular surveillance.

Monitoring oral iron therapy in children with iron deficiency anemia: an observational, prospective, multicenter study of AIEOP patients (Associazione Italiana Emato-Oncologia Pediatrica).

Temporal and tissue-specific activation of aryl hydrocarbon receptor in discrete mouse models of kidney disease.

The Natural Metabolite 4-Cresol Improves Glucose Homeostasis and Enhances β^2 -Cell Function.

A Comparison of Potential Azide Antidotes in a Mouse Model.

Antioxidative and antiapoptosis: Neuroprotective effects of dauricine in Alzheimer's disease models.

Parental occupational exposure to pesticides, animals and organic dust and risk of childhood leukemia and central nervous system tumors: Findings from the International Childhood Cancer Cohort Consortium (I4C).

Improving the clearance of protein-bound uremic toxins using cationic liposomes as an adsorbent in dialysate.

Chlorogenic acid prevents hepatotoxicity in arsenic-treated mice: role of oxidative stress and apoptosis.

Higher cerebrospinal fluid to plasma ratio of p-cresol sulfate and indoxyl sulfate in patients with Parkinson's disease.

Novel 5-(1-aryl-1H-pyrazol-3-yl)-1H-tetrazoles as glycogen phosphorylase inhibitors: An in vivo antihyperglycemic activity study.

Effectiveness of outpatient treatment with intravenous iron in selected primary Care patients.

Anemia management in non-menopausal women in a primary care setting: a prospective evaluation of clinical practice.

Molecular and Cellular Mechanisms that Induce Arterial Calcification by Indoxyl Sulfate and P-Cresyl Sulfate.

Recommendation and use of ferrous sulphate in 12- and 24-month-old children: evaluation in the 2015 Pelotas Birth Cohort.

Resveratrol Regulates Nrf2-Mediated Expression of Antioxidant and Xenobiotic Metabolizing Enzymes in Pesticides-Induced Parkinsonism.

Transfusion-Free Cranial Vault Remodeling: A Novel, Multifaceted Approach.

Prenatal dioxin exposure and glucose metabolism in the Seveso Second Generation study.

Preliminary evaluation of fecal fatty acid concentrations in cats with chronic kidney disease and correlation with indoxyl sulfate and p-cresol sulfate.

The Dark Side of Iron.

A comparative study to evaluate oral iron and intravenous iron sucrose for treatment of anemia in pregnancy in a poor socioeconomic region of Northeast India.

The ability of arsenic metabolism affected the expression of lncRNA PANDAR, DNA damage, or DNA methylation in peripheral blood lymphocytes of laborers.

Arsenic-related oxidative stress in experimentally-dosed wild great tit nestlings.

Is the skin an important exposure route for workers during cyanogen fumigation?

Cyclophosphamide-induced cystitis results in NLRP3-mediated inflammation in the hippocampus and symptoms of depression in rats.

Skeletal toxicity resulting from exposure of growing male rats to coplanar PCB 126 is associated with disruption of calcium homeostasis and the GH-IGF-1 axis and direct effects on bone formation.

Comparing the Neuroprotective Effects of Caffeic Acid in Rat Cortical Slices and *Caenorhabditis elegans*: Involvement of Nrf2 and SKN-1 Signaling Pathways.

Soil contact bioassay for rapid determination of acute toxicity with *Eisenia foetida*.

Naturally-derived diterpenoid sphaeropsidin C as an activator of Nrf2/ARE pathway and its potential capability of relieving intracellular oxidative stress in human lung epithelial cells.

A systematic review on hepatoprotective activity of quercetin against various drugs and toxic agents: Evidence from preclinical studies.

Analysis of 2,4-Dinitrophenol in Postmortem Blood and Urine by Gas Chromatography-Mass Spectrometry: Method Development and Validation and Report of Three Fatalities in the United States.

Hepato-Genoprotective Activities of Methanol Extract of The Stem Bark of *Adansonia Digitata* LINN. In Wistar Rats Challenged with Sodium Arsenite.

Attenuation of potassium dichromate and sodium arsenite toxicities by methanol extract of *Rauvolfia vomitoria* in mice.

[The role of noninvasive hemodynamic monitoring in the evaluation of acute and severe pesticide poisoning].

The Protective Effect of Aspirin Eugenol Ester on Paraquat-Induced Acute Liver Injury Rats.

Arctigenin Suppressed Epithelial-Mesenchymal Transition Through Wnt3a/ β -Catenin Pathway in PQ-Induced Pulmonary Fibrosis.

Holly (*Ilex latifolia* Thunb.) Polyphenols Extracts Alleviate Hepatic Damage by Regulating Ferroptosis Following Diquat Challenge in a Piglet Model.

Anisotropic Optical Shock Waves in Isotropic Media with Giant Nonlocal Nonlinearity.

Endocrine-Disrupting Air Pollutants and Their Effects on the Hypothalamus-Pituitary-Gonadal Axis.

Mucuna pruriens in Parkinson's and in some other diseases: recent advancement and future prospective.

Heat-not-burn tobacco products: an emerging threat to cardiovascular health.

Development of an in vitro approach to point-of-contact inhalation toxicity testing of volatile compounds, using organotypic culture and air-liquid interface exposure.

Review of the environmental prenatal exposome and its relationship to maternal and fetal health.

Fibrinolysis-resistant carbonylated fibrin detected in thrombi attached to the vascular wall of abdominal aortic aneurysms.

Risk Assessment of Pesticide Mixtures in Australian Rivers Discharging to the Great Barrier Reef.

Supramolecular hosts as in vivo sequestration agents for pharmaceuticals and toxins.

A Comprehensive Review on Source, Types, Effects, Nanotechnology, Detection, and Therapeutic Management of Reactive Carbonyl Species Associated with Various Chronic Diseases.

Analysis of urinary VOCs using mass spectrometric methods to diagnose cancer: A review.

PCDD/Fs in paired hair and serum of workers from a municipal solid waste incinerator plant in South China: Concentrations, correlations, and source identification.

Multi-sites polycyclodextrin adsorbents for removal of protein-bound uremic toxins combining with hemodialysis.

Outcome of Canine Multicentric Lymphoma after Single or Divided Treatment with Cyclophosphamide in Multidrug Chemotherapy.

Environmental neurotoxic pollutants: review.

Photo-polymerizable ferrous sulfate liposomes as vehicles for iron fortification of food.

Characterization of a novel O-acetyl sialic acid specific lectin from the hemolymph of the marine crab, *Atergatis integerrimus* (Lamarck, 1818).

InÂ vitro profiling of the potential endocrine disrupting activities affecting steroid and aryl hydrocarbon receptors of compounds and mixtures prevalent in human drinking water resources.

Simultaneous determination of polar pesticides in human blood serum by liquid chromatography coupled to triple quadrupole mass spectrometer.

The combination of multi-functional ingredients-loaded hydrogels and three-dimensional printed porous titanium alloys for infective bone defect treatment.

Longitudinal Study of Thyroid Hormones between Conventional and Organic Farmers in Thailand.

2,3,7,8-Tetrachlorodibenzo-p-Dioxin Regulates the Expression of Aryl Hydrocarbon Receptor-Related Factors and Cytokines in Peripheral Blood Mononuclear Cells and CD4+ T cells from Patients with Atopic Dermatitis and Psoriasis.

[Biocontrol potential of *Talaromyces purpurogenus* and its regulation on soil microbial community].

Three-Generation Reproductive Toxicity of Genetically Modified Maize with Cry1Ab and epsps Genes in Rats.

Functional validation of DvABCB1 as a receptor of Cry3 toxins in western corn rootworm, *Diabrotica virgifera virgifera*.

Formulation and Characterization of Alginate Dialdehyde, Gelatin, and Platelet-Rich Plasma-Based Bioink for Bioprinting Applications.

Sublethal concentrations of dichlorvos and paraquat induce genotoxic and histological effects in the *Clarias gariepinus*.

Saliva as a non-invasive tool for monitoring oxidative stress in swimmers athletes performing a VO₂max cycle ergometer test.

Induction of Callogenesis, Organogenesis, and Embryogenesis in Non-Meristematic Explants of Bleeding Heart and Evaluation of Chemical Diversity of Key Metabolites from Callus.

Varying Protein Levels Influence Metabolomics and the Gut Microbiome in Healthy Adult Dogs.

Protective effect of *Mucuna pruriens* against arsenic-induced liver and kidney dysfunction and neurobehavioral alterations in rats.

Visual system: An understudied target of aquatic toxicology.

Mass Balance, Metabolism, and Excretion of Cenobamate, a New Antiepileptic Drug, After a Single Oral Administration in Healthy Male Subjects.

High Regioselectivity Production of 5-Cyanovaleramide from Adiponitrile by a Novel Nitrile Hydratase Derived from *Rhodococcus erythropolis* CCM2595.

Kaempferol Protects Blood Vessels From Damage Induced by Oxidative Stress and Inflammation in Association With the Nrf2/HO-1 Signaling Pathway.

Peptide Methionine Sulfoxide Reductase from *Haemophilus influenzae* Is Required for Protection against HOCl and Affects the Host Response to Infection.

Cardiac amyloidosis possibly secondary to Agent Orange exposure.

Short-term e-cigarette vapour exposure causes vascular oxidative stress and dysfunction: evidence for a close connection to brain damage and a key role of the phagocytic NADPH oxidase (NOX-2).

Uroprotective mechanisms of natural products against cyclophosphamide-induced urinary bladder toxicity: A comprehensive review.

Functional modulation of sarcolemmal K(ATP) channels by atrial natriuretic peptide-elicited intracellular signaling in adult rabbit ventricular cardiomyocytes.

The association between dioxins and steroid hormones in general adult males: a cross-sectional study in an e-waste region of China.

Redox toxicology of environmental chemicals causing oxidative stress.

Causes and possibilities to circumvent cyclophosphamide toxicity.

Routine haematinics and multivitamins: Adherence and its association with haemoglobin level among pregnant women in an urban lower-middle-income country, Ghana.

Gut microbiota and blood metabolomics in weaning multiparous sows: Associations with oestrous.

Skin burns from monochloroacetic acid leak in a chemical plant: a case report.

Effect of Oral Supplementation of Healthy Pregnant Sows with Sucrosomial Ferric Pyrophosphate on Maternal Iron Status and Hepatic Iron Stores in Newborn Piglets.

Platelet-Rich Fibrin Can Neutralize Hydrogen Peroxide-Induced Cell Death in Gingival Fibroblasts.

Longitudinal Study of Metabolic Biomarkers among Conventional and Organic Farmers in Thailand.

Taurine Alleviates Intestinal Injury by Mediating Tight Junction Barriers in Diquat-Challenged Piglet Models.

The Role of Vitamin D Receptor Gene Polymorphisms in Colorectal Cancer Risk.

Iron Overload in Gastric Mucosa: Underdiagnosed Condition Rarely Documented in Clinical and Pathology Reports.

Non-Targeted Metabolomic Profiling of Coronary Heart Disease Patients With Taohong Siwu Decoction Treatment.

Genotoxicant exposure, activation of the aryl hydrocarbon receptor, and lipid peroxidation in cultured human alveolar type II A549 cells.

Exposure assessment of toxic metals and organochlorine pesticides among employees of a natural history museum.

Skeletal Toxicity of Coplanar Polychlorinated Biphenyl Congener 126 in the Rat Is Aryl Hydrocarbon Receptor Dependent.

Sodium arsenite toxicity on hematology indices and reproductive parameters in Teddy goat bucks and their amelioration with vitamin C.

Pro-inflammatory cytokines, oxidative stress and diffuse coronary reocclusions in elderly patients after coronary stenting.

Exposure effects of iron oxide nanoparticles and iron salts in blackfish (*Capoeta fusca*): Acute toxicity, bioaccumulation, depuration, and tissue histopathology.

Kaempferol modulates TCDD- and t-BHQ-induced drug-metabolizing enzymes and luteolin enhances this effect.

Assessing the impact of arsenic metabolism efficiency on DNA methylation using Mendelian randomization.

A hepcidin-based approach for iron therapy in hemodialysis patients: A pilot study.

High-Sensitivity Detection of the Lung Cancer Biomarker CYFRA21-1 in Serum Samples Using a Carboxyl-MoS₂ Functional Film for SPR-Based Immunosensors.

Selenium-Enriched Yeast Alleviates Oxidative Stress-Induced Intestinal Mucosa Disruption in Weaned Pigs.

Arsenic induces platelet shape change through altering focal adhesion kinase-mediated actin dynamics, contributing to increased platelet reactivity.

Chronic methyl bromide toxicity is ameliorated by haemodialysis.

Clinical significance of serum levels of microRNA-27a and its correlation with interleukin-10 in patients with multiple organ dysfunction syndrome caused by acute paraquat poisoning.

Establishment of an in vitro regeneration system and genetic transformation of the Tunisian 'Maltese half-blood' (*Citrus sinensis*): an agro-economically important variety.

Uncovering pathophysiological changes in frontotemporal dementia using serum lipids.

Early Neurotoxic Effects of Inorganic Arsenic Modulate Cortical GSH Levels Associated With the Activation of the Nrf2 and NF κ B Pathways, Expression of Amino Acid Transporters and NMDA Receptors and the Production of Hydrogen Sulfide.

Effect of cAMP Receptor Protein Gene on Growth Characteristics and Stress Resistance of *Haemophilus parasuis* Serovar 5.

Gallic acid and MiADMSA reversed arsenic induced oxidative/nitrosative damage in rat red blood cells.

Diabetes and Toxicant Exposure.

Iron Deficiency in Menstruating Adult Women: Much More than Anemia.

Evaluation of the Effects of Agro Pesticides Use on Liver and Kidney Function in Farmers from Buea, Cameroon.

Pharmacokinetics and Toxicokinetics Roles of Membrane Transporters at Kidney Level.

Intra-Amniotic Sildenafil Treatment Promotes Lung Growth and Attenuates Vascular Remodeling in an Experimental Model of Congenital Diaphragmatic Hernia.

Effects of sublethal and realistic concentrations of the commercial herbicide atrazine in Pacu (*Piaractus mesopotamicus*): Long-term exposure and recovery assays.

Acute obstructive fibrinous laryngotracheobronchitis induced by severe glyphosate surfactant intoxication: A case report.

Sub-chronic exposure to Kalach 360 SL-induced damage in rats' liver and hematological system.

Comparative cyto- and genotoxicity assessment of glyphosate and glyphosate-based herbicides in human peripheral white blood cells.

Glycyrrhizic acid modulates the atrazine-induced apoptosis in rabbit spleen.

Physiologically Based Pharmacokinetic Modeling of Salivary Concentrations for Noninvasive Biomonitoring of 2,4-Dichlorophenoxyacetic Acid (2,4-D).

Clethodim exposure induced development toxicity and behaviour alteration in early stages of zebrafish life.

Accidental paraquat induced hypersalivation: a case report.

Effects of environmental chemicals on the proliferation and differentiation of neural stem cells.

Single and joint effects of chronic exposure to chlorpyrifos and glyphosate based pesticides on structural biomarkers in *Cnesterodon decemmaculatus*.

The organochlorine pesticides pentachlorophenol and dichlorodiphenyltrichloroethane increase secretion and production of interleukin 6 by human immune cells.

A glyphosate-based herbicide induces sub-lethal effects in early life stages and liver cell line of rainbow trout, *Oncorhynchus mykiss*.

Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels.

Cardiotoxicity of forchlorfenuron (CPPU) in zebrafish (*Danio rerio*) and H9c2 cardiomyocytes.

Identification of signal pathways for immunotoxicity in the spleen of common carp exposed to chlorpyrifos.

Ecotoxicological hazard of a mixture of glyphosate and aminomethylphosphonic acid to the mussel *Mytilus galloprovincialis* (Lamarck 1819).

Hemotoxic effects of some herbicides on juvenile of Nile tilapia *Oreochromis niloticus*.

Identification of miRNA-7 as a regulator of brain-derived neurotrophic factor/ α -synuclein axis in atrazine-induced Parkinson's disease by peripheral blood and brain microRNA profiling.

Genotoxicity induced by widely used pesticide binary mixtures on *Caiman latirostris* (broad-snouted caiman).

Clinical features and risk factors of acute kidney injury in children with acute paraquat intoxication.

Spirometric Pulmonary Restriction in Herbicide-Exposed U.S. Vietnam War Veterans.

[Protective effects of oligomeric proanthocyanidins in mice exposed to paraquat].

Conserved roles of glucose in suppressing reactive oxygen species-induced cell death and animal survival.

[Experience of continuous fluid therapy in successfully rescuing a patient with acute severe paraquat poisoning].

[Early white blood cell count in predicting mortality after acute paraquat poisoning: a Meta-analysis].

Cardiotoxicity in African clawed frog (*Xenopus laevis*) sub-chronically exposed to environmentally relevant atrazine concentrations: Implications for species survival.

Effects of ecologically relevant concentrations of Boral[®] 500 SC, Glifosato[®] Biocarb, and a blend of both herbicides on markers of metabolism, stress, and nutritional condition factors in bullfrog tadpoles.

Validating buccal swabbing as a minimal-invasive method to detect pesticide exposure in squamate reptiles.

Acute exposure to chlorpyrifos and glyphosate induces changes in hemolymph biochemical parameters in the crayfish, *Astacus leptodactylus* (Eschscholtz, 1823).

Serial measurement of glyphosate blood concentration in a glyphosate potassium herbicide-intoxicated patient: A case report.

Gene expression, genotoxicity, and physiological responses in an Amazonian fish, *Colossoma macropomum* (CUVIER 1818), exposed to Roundup[®] and subsequent acute hypoxia.

Exposures to the environmental contaminants pentachlorophenol and dichlorodiphenyltrichloroethane increase production of the proinflammatory cytokine, interleukin-1 β , in human immune cells.

Clinical outcome of paraquat poisoning during pregnancy.

Detoxification, Apoptosis, and Immune Transcriptomic Responses of the Gill Tissue of Bay Scallop Following Exposure to the Algicide Thiazolidinedione 49.

Glyphosate induces benign monoclonal gammopathy and promotes multiple myeloma progression in mice.

Surgical treatment of pyloric stenosis caused by glyphosate poisoning: A case report.

Evaluating sub-lethal stress from Roundup(®) exposure in *Artemia franciscana* using (1)H NMR and GC-MS.

Mechanisms behind the atherothrombotic effects of acrolein, a review.

The significance of serum HMGB1 level in humans with acute paraquat poisoning.

Platelet-lymphocyte ratio is not a prognostic predictor for acute paraquat-intoxicated patients: A retrospective analysis.

Comparative studies on endogenic stress hormones, antioxidant, biochemical and hematological status of metabolic disturbance in albino rat exposed to roundup herbicide and its active ingredient glyphosate.

Histopathological and ultrastructural indices for the assessment of glyphosate-based herbicide cytotoxicity in decapod crustacean hepatopancreas.

Prenatal exposure to the herbicide 2,4-D is associated with deficits in auditory processing during infancy.

Can atrazine loaded nanocapsules reduce the toxic effects of this herbicide on the fish *Prochilodus lineatus*? A multibiomarker approach.

Pulmonary Tumor Thrombotic Microangiopathy Mimicking Inhalation Lung Injury.

Homicidal Paraquat Poisoning.

The Alexipharmic Mechanisms of Five Licorice Ingredients Involved in CYP450 and Nrf2 Pathways in Paraquat-Induced Mice Acute Lung Injury.

TLR3 is involved in paraquat-induced acute renal injury.

Metabolomics Analysis in Acute Paraquat Poisoning Patients Based on UPLC-Q-TOF-MS and Machine Learning Approach.

Glyphosate affects haemocyte parameters in the clam *Ruditapes philippinarum*.

DNA damage exerted by mixtures of commercial formulations of glyphosate and imazethapyr herbicides in *Rhinella arenarum* (Anura, Bufonidae) tadpoles.

Role of bone marrow mesenchymal stem cells in the development of PQ-induced pulmonary fibrosis.

Antioxidant and cytoprotective effects of N-acetylcysteine against subchronic oral glyphosate-based herbicide-induced oxidative stress in rats.

Paraquat affects the differentiation of neural stem cells and impairs the function of vascular endothelial cells: a study of molecular mechanism.

Effects of glyphosate and aminomethylphosphonic acid on an isogenic model of the human blood-brain barrier.

The GMO90+ Project: Absence of Evidence for Biologically Meaningful Effects of Genetically Modified Maize-based Diets on Wistar Rats After 6-Months Feeding Comparative Trial.

Use of qSOFA Score in Predicting the Outcomes of Patients With Glyphosate Surfactant Herbicide Poisoning Immediately Upon Arrival at the Emergency Department.

"Pink Sign": The Importance of Short-Term Occlusive Testing in Suspected Cases of Contact Urticaria.

Learning and memory impairments associated to acetylcholinesterase inhibition and oxidative stress following glyphosate based-herbicide exposure in mice.

Effects of dietary antioxidants and environmental stressors on immune function and condition in *Lithobates (Rana) sylvaticus*.

Effects of cypermethrin (pyrethroid), glyphosate and chlorpyrifos (organophosphorus) on the endocrine and immune system of *Salvator merianae* (Argentine tegu).

[Study on the effect of occupational exposure to glyphosate on blood routine].

Alleviation of paraquat-induced oxidative lung injury by betaine via regulation of sulfur-containing amino acid metabolism despite the lack of betaine-homocysteine methyltransferase (BHMT) in the lung.

Ligustrazin increases lung cell autophagy and ameliorates paraquat-induced pulmonary fibrosis by inhibiting PI3K/Akt/mTOR and hedgehog signalling via increasing miR-193a expression.

Dietary Tributyrin Attenuates Intestinal Inflammation, Enhances Mitochondrial Function, and Induces Mitophagy in Piglets Challenged with Diquat.

[Clinical effect of haemoperfusion combined with continuous veno-veno haemofiltration in treatment of paraquat poisoning: a Meta-analysis].

Visible photodegradation of ibuprofen and 2,4-D in simulated waste water using sustainable metal free-hybrids based on carbon nitride and biochar.

Aspirin-triggered resolvin D1 alleviates paraquat-induced acute lung injury in mice.

Effects of AT-RvD1 on paraquat-induced acute renal injury in mice.

Adverse effects of acrolein, a ubiquitous environmental toxicant, on muscle regeneration and mass.

Increased 90-Day Mortality in Spontaneously Breathing Patients With Paraquat Poisoning: In Addition to Disease Severity, Lung Strain May Play a Role.

Sodium tanshinone IIA sulfate protects myocardium against paraquat-induced toxicity through activating the Nrf2 signaling pathway in rats.

Antioxidant activities of *Moringa oleifera* leaf extract against pendimethalin-induced oxidative stress and genotoxicity in Nile tilapia, *Oreochromis niloticus* (L.).

Protective and anti-inflammatory effects of hydroalcoholic leaf extract of *Origanum vulgare* on oxidative stress, TNF- α gene expression and liver histological changes in paraquat-induced hepatotoxicity in rats.

Resveratrol improves intestinal barrier function, alleviates mitochondrial dysfunction and induces mitophagy in diquat challenged piglets(1).

Hemodynamic changes after infusion of intravenous lipid emulsion to treat refractory hypotension caused by glyphosate-surfactant herbicide poisoning: A case report.

Exposure to herbicide linuron results in alterations in hematological profile and stress biomarkers of common carp (*Cyprinus carpio*).

Biomarkers at different levels of organisation after atrazine formulation (SIPTRAN 500SC(®)) exposure in *Rhinella schneideri* (Anura: Bufonidae) Neotropical tadpoles.

Atrazine exposure triggers common carp neutrophil apoptosis via the CYP450s/ROS pathway.

Effect of trans-Cinnamaldehyde on Methicillin-Resistant *Staphylococcus aureus* Biofilm Formation: Metabolic Activity Assessment and Analysis of the Biofilm-Associated Genes Expression.

H₂O₂-activated oxidative stress amplifier capable of GSH scavenging for enhancing tumor photodynamic therapy.

Loss of methionine sulfoxide reductases increases resistance to oxidative stress.

In vitro activity of carvacrol, cinnamaldehyde and thymol combined with antifungals against *Malassezia pachydermatis*.

The effects of Cinnamaldehyde on early brain injury and cerebral vasospasm following experimental subarachnoid hemorrhage in rabbits.

Side Effects of Coronary Stenting such as Severe Coronary Stenosis and Multiple Coronary Chronic Total Occlusions in Elderly Patients via Induced Proinflammatory and Prooxidative Stress.

Catalase blockade reduces the pressor response to central cholinergic activation.

Effect of Fenofibrate on the Expression of Inflammatory Mediators in a Diabetic Rat Model.

Speciation analysis of arsenic in urine samples from APL patients treated with single agent As₂O₃ by HPLC-HG-AFS.

Anti-oxidant and anti-inflammatory effects of cinnamaldehyde and eugenol on mononuclear cells of rheumatoid arthritis patients.

Mendelian randomization of inorganic arsenic metabolism as a risk factor for hypertension- and diabetes-related traits among adults in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL) cohort.

Radix Tetrastigma flavonoid ameliorates inflammation and prolongs the lifespan of *Caenorhabditis elegans* through JNK, p38 and Nrf2 pathways.

Activation of Nrf2 attenuates delayed gastric emptying in obesity induced diabetic (T2DM) female mice.

Topical Application of Cinnamaldehyde Promotes Faster Healing of Skin Wounds Infected with *Pseudomonas aeruginosa*.

Time course of arsenic species in red blood cells of acute promyelocytic leukemia (APL) patients treated with single agent arsenic trioxide.

On the Use of Hair Analysis for Assessing Arsenic Intoxication.

Inhibition of the Nrf2/HO-1 Axis Suppresses the Mitochondria-Related Protection Promoted by Gastrodin in Human Neuroblastoma Cells Exposed to Paraquat.

Cinnamaldehyde ameliorates STZ-induced rat diabetes through modulation of IRS1/PI3K/AKT2 pathway and AGEs/RAGE interaction.

Urinary acrolein metabolite levels in severe acute alcoholic hepatitis patients.

Assessment of hematological, hepato-renal, antioxidant, and hormonal responses of *Clarias gariepinus* exposed to sub-lethal concentrations of oxyfluorfen.

Efficient atrazine degradation catalyzed by manganese porphyrins: Determination of atrazine degradation products and their toxicity evaluation by human blood cells test models.

Effects of flavoring compounds used in electronic cigarette refill liquids on endothelial and vascular function.

Metabolism and disposition of arsenic species from controlled dosing with dimethylarsinic acid (DMA(V)) in adult female CD-1 mice. V. Toxicokinetic studies following oral and intravenous administration.

Cinnamaldehyde protects from methylglyoxal-induced vascular damage: Effect on nitric oxide and advanced glycation end products.

Cinnamaldehyde application decreases tail temperature in ovariectomized rats with and without estradiol administration.

Impairment of testicular function in electronic cigarette (e-cig, e-cigs) exposed rats under low-voltage and nicotine-free conditions.

Possible involvement of transcriptional activation of nuclear factor erythroid 2-related factor 2 (Nrf2) in the protective effect of caffeic acid on paraquat-induced oxidative damage in *Drosophila melanogaster*.

Pentachlorophenol-induced cytotoxicity in human erythrocytes: enhanced generation of ROS and RNS, lowered antioxidant power, inhibition of glucose metabolism, and morphological changes.

Stable nuclear transformation of rhodophyte species *Porphyridium purpureum*: advanced molecular tools and an optimized method.

The Role of Acrolein and NADPH Oxidase in the Granulocyte-Mediated Growth-Inhibition of Tumor Cells.

Carnosine protects cardiac myocytes against lipid peroxidation products.

Multidrug resistance of the extended-spectrum beta-lactamase-producing *Klebsiella pneumoniae* isolated in Tizi-Ouzou (Algeria).

Serum P-Cresyl Sulfate Is a Predictor of Central Arterial Stiffness in Patients on Maintenance Hemodialysis.

Siderophore (from *Synechococcus* sp. PCC 7002)-Chelated Iron Promotes Iron Uptake in Caco-2 Cells and Ameliorates Iron Deficiency in Rats.

[Brain abscess revealing trilog of Fallot in a child: about a case at the University Teaching Hospital of Parakou, Benin].

Hypertension in Relation to Dioxins and Polychlorinated Biphenyls from the Anniston Community Health Survey Follow-Up.

Ischemic gastritis due to oral iron.

2,3,7,8-Tetrachlorodibenzo-p-dioxin Induces Vascular Dysfunction That is Dependent on Perivascular Adipose and Cytochrome P4501A1 Expression.

Carbon Nanotube/Conducting Polymer Hybrid Nanofibers as Novel Organic Bioelectronic Interfaces for Efficient Removal of Protein-Bound Uremic Toxins.

Plasma Metabolic Profiling Analysis of Gout Party on Acute Gout Arthritis Rats Based on UHPLC-Q-TOF/MS Combined with Multivariate Statistical Analysis.

Metabolomics for improved treatment monitoring of phenylketonuria: urinary biomarkers for non-invasive assessment of dietary adherence and nutritional deficiencies.

Extracorporeal treatment in children with acute severe poisoning.

Nephrotoxic metals of cadmium, lead, mercury and arsenic and the odds of kidney stones in adults: An exposure-response analysis of NHANES 2007-2016.

In utero dioxin exposure and cardiometabolic risk in the Seveso Second Generation Study.

Administration of ferrous sulfate drops has significant effects on the gut microbiota of iron-sufficient infants: a randomised controlled study.

In Vitro and In Vivo Evaluations of Mesoporous Iron Particles for Iron Bioavailability.

[Clinical observation on the inflammatory indexes in septic gastrointestinal dysfunction treated with acupuncture at Jiaji (EX-B 2)].

Creatine is Neuroprotective to Retinal Neurons In Vitro But Not In Vivo.

Metal-induced nephrotoxicity to diabetic and non-diabetic Wistar rats.

Magnetic nanoparticles-loaded liposomes as a novel treatment agent for iron deficiency anemia: In vivo study.

Impaired intestinal barrier function in a mouse model of hyperuricemia.

Evaluation of neuroprotective activity of digoxin and semisynthetic derivatives against partial chemical ischemia.

Pesticide use and risk of non-Hodgkin lymphoid malignancies in agricultural cohorts from France, Norway and the USA: a pooled analysis from the AGRICOH consortium.

Comparison of ferrous sulfate, polymaltose complex and iron-zinc in iron deficiency anemia.

Mass spectrometry-based urinary metabolomics for the investigation on the mechanism of action of *Eleutherococcus senticosus* (Rupr. & Maxim.) Maxim. leaves against ischemic stroke in rats.

Circular RNA TLK1 Aggravates Neuronal Injury and Neurological Deficits after Ischemic Stroke via miR-335-3p/TIPARP.

Development and validation of a UHPLC-MS/MS method for measurement of a gut-derived uremic toxin panel in human serum: An application in patients with kidney disease.

Efficient Innate Immune Killing of Cancer Cells Triggered by Cell-Surface Anchoring of Multivalent Antibody-Recruiting Polymers.

An assessment for diagnostic and therapeutic modalities for management of pediatric Iron deficiency Anemia in Saudi Arabia: a cross-sectional study.

Asymptomatic *Helicobacter Pylori* Infection in Preschool Children and Young Women Does Not Predict Iron Bioavailability from Iron-Fortified Foods.

Food as medicine: Selenium enriched lentils offer relief against chronic arsenic poisoning in Bangladesh.

NO/cGMP/PKG activation protects *Drosophila* cells subjected to hypoxic stress.

CDK4/6 inhibitor palbociclib suppresses IgE-mediated mast cell activation.

Daily versus twice daily dose of ferrous sulphate supplementation in pregnant women: A randomized clinical trial.

Evaluating the efficacy of a ferrous-ion-chelating peptide from Alaska pollock frame for the improvement of iron nutritional status in rats.

A case of fatal 2,4-dinitrophenol (2,4-DNP) intoxication with delayed onset methaemoglobinaemia.

The potential therapeutic benefit of resveratrol on Th17/Treg imbalance in immune thrombocytopenic purpura.

A comprehensive review on hepatoprotective and nephroprotective activities of chrysin against various drugs and toxic agents.

Oxidative Stress and Genomic Damage Induced In Vitro in Human Peripheral Blood by Two Preventive Treatments of Iron Deficiency Anemia.

Iron bioavailability of four iron sources used to fortify infant cereals, using anemic weaning pigs as a model.

Photoinactivation of *Neisseria gonorrhoeae*: A Paradigm-Changing Approach for Combating Antibiotic-Resistant Gonococcal Infection.

A Bifunctional Adsorber Particle for the Removal of Hydrophobic Uremic Toxins from Whole Blood of Renal Failure Patients.

Relative Effect Potency Estimates for Dioxin-Like Compounds in Pregnant Women with Gestational Diabetes Mellitus and Blood Glucose Outcomes Based on a Nested Case-control Study.

Selective Transport of Protein-Bound Uremic Toxins in Erythrocytes.

Stress granules are formed in renal proximal tubular cells during metabolic stress and ischemic injury for cell survival.

Chlorinated persistent organic pollutants and type 2 diabetes - A population-based study with pre- and post- diagnostic plasma samples.

Improving rates of ferrous sulfate prescription for suspected iron deficiency anaemia in infants.

Antioxidant, immunomodulatory, oxidative stress inhibitory and iron supplementation effect of *Astragalus membranaceus* polysaccharide-iron (III) complex on iron-deficiency anemia mouse model.

Cardioprotective properties of opioid receptor agonists in rats with stress-induced cardiac injury.

Involvement of proinflammatory cytokines and metallothionein in the repairing of arsenic-mediated uterine tissue damage by curcumin.

Limitations of pesticide genotoxicity testing using the bacterial in vitro method.

Preventing complications by persistence with iron replacement therapy: a comprehensive literature review.

Wound healing potential of oil extracted from *Parrotiopsis jacquemontiana* (Decne) Rehder.

Comparative liver function assessment of natural and available drug (Ferrous sulfate) for iron-deficiency anemia in rat model.

Consumption of Galacto-Oligosaccharides Increases Iron Absorption from Ferrous Fumarate: A Stable Iron Isotope Study in Iron-Depleted Young Women.

Inorganic arsenic exposure induces sex-disparate effects and exacerbates ischemia-reperfusion injury in the female heart.

Aromatic hydrocarbon receptor provides a link between smoking and rheumatoid arthritis in peripheral blood mononuclear cells.

Intracellular Fe(2+) accumulation in endothelial cells and pericytes induces blood-brain barrier dysfunction in secondary brain injury after brain hemorrhage.

Development of the LC-MS/MS method for determining the p-cresol level in plasma.

p38 mitogen activated protein kinase mediates cardiac Na(+)/H(+) exchanger inhibition induced by Sildenafil.

Use of a Probiotic to Enhance Iron Absorption in a Randomized Trial of Pediatric Patients Presenting with Iron Deficiency.

Effect of continuous venovenous haemodialysis on outcome and pharmacokinetics of arsenic species in a patient with acute promyelocytic leukaemia and acute kidney injury.

Polychlorinated biphenyls influence on autism spectrum disorder risk in the MARBLES cohort.

3-Methyl-4-nitrophenol triggers nasal allergy by modulating dendritic cell properties.

PCB 126 induces monocyte/macrophage polarization and inflammation through AhR and NF- κ B pathways.

Nrf2 deficiency aggravates the increase in osteoclastogenesis and bone loss induced by inorganic arsenic.

Removal of Protein-Bound Uremic Toxins during Hemodialysis Using a Binding Competitor.

A novel target for the promotion of dermal wound healing: Ryanodine receptors.

Perinatal polychlorinated biphenyls and polychlorinated dibenzofurans exposure are associated with DNA methylation changes lasting to early adulthood: Findings from Yucheng second generation.

Prenatal exposure to persistent organic pollutants in Northern Tanzania and their distribution between breast milk, maternal blood, placenta and cord blood.

Prenatal Iron Deficiency and Replete Iron Status Are Associated with Adverse Birth Outcomes, but Associations Differ in Ghana and Malawi.

Novel Aminomethyl Derivatives of 4-Methyl-2-prenylphenol: Synthesis and Antioxidant Properties.

Associations between endocrine disrupting chemicals and equine metabolic syndrome phenotypes.

The aquaporin-4 inhibitor AER-271 blocks acute cerebral edema and improves early outcome in a pediatric model of asphyxial cardiac arrest.

hsa-miR-500a-3P alleviates kidney injury by targeting MLKL-mediated necroptosis in renal epithelial cells.

Zirconium-Based Metal-Organic Frameworks for the Removal of Protein-Bound Uremic Toxin from Human Serum Albumin.

[Effect of emodin on gut microbiota of rats with acute kidney failure].

Aryl hydrocarbon receptor pathway participates in myocardial ischemia reperfusion injury by regulating mitochondrial apoptosis.

KML001, an arsenic compound, as salvage chemotherapy in refractory biliary tract cancers: A prospective study.

Sodium arsenite exposure impairs B cell proliferation and enhances vascular inflammation in *Plasmodium berghei* mouse model.

Stabilization of cell-cell junctions by active vitamin D ameliorates uraemia-induced loss of human endothelial barrier function.

Thermographic evaluation of experimental pleurisy induced by carrageenan and modified by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Protein-Bound Solute Clearance During Hemodialysis.

Iron Deficiency in Heart Failure: An Overview.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces peripheral blood abnormalities and plasma cell neoplasms resembling multiple myeloma in mice.

Metabolism and disposition of arsenic species from oral dosing with sodium arsenite in neonatal CD-1 mice. IV. Toxicokinetics following gavage administration and lactational transfer.

Circulating miR-421 Targeting Leucocytic Angiotensin Converting Enzyme 2 Is Elevated in Patients with Chronic Kidney Disease.

Hearing screening and cholinesterase activity among rural workers exposed to pesticides.

[Determination of arsenic species compound in blood by high performance liquid chromatographyatomic fluorescence spectrometry].

Assessment of Acute Serum Iron, Non-Transferrin-Bound Iron, and Gastrointestinal Symptoms with 3-Week Consumption of Iron-Enriched *Aspergillus oryzae* Compared with Ferrous Sulfate.

Secondary metabolites that could contribute to the monodominance of *Erythrina fusca* in the Brazilian Pantanal.

Toxicity of Agrochemicals Among Larval Painted Lady Butterflies (*Vanessa cardui*).

Hydrogel based aptasensor for thrombin sensing by Resonance Rayleigh Scattering.

Activation of cannabinoid receptor type 2 reduces lung ischemia reperfusion injury through PI3K/Akt pathway.

Metabolism and disposition of arsenic species from controlled dosing with sodium arsenite in adult and neonatal rhesus monkeys. VI. Toxicokinetic studies following oral administration.

The Effect of an Iron Supplement on Lycopene Metabolism and Absorption During Digestion in Healthy Humans.

The Customizable E-cigarette Resistance Influences Toxicological Outcomes: Lung Degeneration, Inflammation, and Oxidative Stress-Induced in a Rat Model.

Acetaldehyde Induces an Endothelium-Dependent Relaxation of Superior Mesenteric Artery: Potential Role in Postprandial Hyperemia.

Botrysin D attenuates arsenic-induced oxidative stress in human lung epithelial cells via activating Nrf2/ARE signaling pathways.

Clinical Features, Treatment, Prognosis, and Mortality in Paraquat Poisonings: A Hospital-Based Study in Iran.

Tannic acid modulates intestinal barrier functions associated with intestinal morphology, antioxidative activity, and intestinal tight junction in a diquat-induced mouse model.

Effectiveness of Iron Therapy on Breath Holding Spells in the Children.

Estrogen withdrawal and replacement differentially target liver and adipose tissues in female mice fed a high-fat high-sucrose diet: impact of a chronic exposure to a low-dose pollutant mixture(âˆ†).

Bt Proteins Exacerbate Negative Growth Effects in Juvenile Rusty (F. rusticus) Crayfish Fed Corn Diet.

Blood pharmacokinetic of 17 common pesticides in mixture following a single oral exposure in rats: implications for human biomonitoring and exposure assessment.

Nrf2-regulated miR-380-3p Blocks the Translation of Sp3 Protein and Its Mediation of Paraquat-Induced Toxicity in Mouse Neuroblastoma N2a Cells.

Preparation and characterization of imprinted zeolite-Y for p-cresol removal in haemodialysis.

Neuroprotective effects of anthocyanins and its major component cyanidin-3-O-glucoside (C3G) in the central nervous system: An outlined review.

Zinc treatment modulates hematological and morphological changes in rat erythrocytes following arsenic exposure.

Recovery after surgery: do not forget to check iron status before.

Severe ARDS Complicating an Acute Intentional Cresol Poisoning.

[Assessment of prenatal care for indigenous women in Brazil: findings from the First National Survey of Indigenous People's Health and Nutrition].

Morphology and cytochemical patterns of peripheral blood cells in domestic pigeon (Columba livia).

Risk assessment of low arsenic exposure using biomarkers of oxidative and genotoxic stress in a piscine model.

Effects of Pinacidil and Calcium on Succinate-Energized Rat Heart Mitochondria in the Presence of Rotenone.

Effects of hot melt extrusion processed nano-iron on growth performance, blood composition, and iron bioavailability in weanling pigs.

Down-regulation of the inflammatory response after short-term exposure to low levels of chemical vapours.

Polychlorinated Dibenzo-p-Dioxins, Polychlorinated Dibenzofurans, and Dioxin-Like Polychlorinated Biphenyls in Umbilical Cord Serum from Pregnant Women Living Near a Chemical Plant in Tianjin, China.

Hermetia illucens larvae as a potential dietary protein source altered the microbiota and modulated mucosal immune status in the colon of finishing pigs.

Study on the Metabolism of Six Systemic Insecticides in a Newly Established Cell Suspension Culture Derived from Tea (*Camellia Sinensis* L.) Leaves.

Altered Gene Expression in Dioxin-Like and Non-Dioxin-Like PCB Exposed Peripheral Blood Mononuclear Cells.

Development of a carbon-11 PET radiotracer for imaging TRPC5 in the brain.

The Chemical Forms of Iron in Commercial Prenatal Supplements Are Not Always the Same as Those Tested in Clinical Trials.

Effect of dioxin-related compounds on oral pigmentation in patients affected by the Yusho incident.

Acceleration effect of the forensic luminol reaction induced by visible light irradiation of whole human blood aqueous solutions.

Very Low Protein Diet for Patients with Chronic Kidney Disease: Recent Insights.

Mitochondria and Nuclei Dual-Targeted Hollow Carbon Nanospheres for Cancer Chemophotodynamic Synergistic Therapy.

Identification of acrolein metabolites in human buccal cells, blood, and urine after consumption of commercial fried food.

Effects of curcumin on artery blood gas index of rats with pulmonary fibrosis caused by paraquat poisoning and the expression of Smad 4, Smurf 2, interleukin-4 and interferon- γ .

Attenuation of the effects of oxidative stress by the MAO-inhibiting antidepressant and carbonyl scavenger phenelzine.

Simultaneous photoreduction and Raman spectroscopy of red blood cells to investigate the effects of organophosphate exposure.

The Health Risks of Electronic Cigarette Use to Bystanders.

Transient methemoglobinemia suspected secondary to ingestion of Brassica species in a dog.

[The study of exposure levels of dioxin-like compounds in cord blood of newborns in an e-waste dismantling area in Guangdong Province].

Data on the sub-chronic toxicity in rats after 30 days of oral realgar administration and the accumulation and distribution of arsenic species.

Synthesis and preclinical evaluation of the CRTH2 antagonist [(11C)MK-7246 as a novel PET tracer and potential surrogate marker for pancreatic beta-cell mass.

Organic diet intervention significantly reduces urinary pesticide levels in U.S. children and adults.

TRPA1 channel contributes to myocardial ischemia-reperfusion injury.

Enzyme kinetics of dUTPase from the planarian *Dugesia ryukyuensis*.

Depressive Symptoms After PCB Exposure: Hypotheses for Underlying Pathomechanisms via the Thyroid and Dopamine System.

Excessive Reactive Iron Impairs Hematopoiesis by Affecting Both Immature Hematopoietic Cells and Stromal Cells.

Characterizing the microbial diversity and major metabolites of Sichuan bran vinegar augmented by *Monascus purpureus*.

Protective effects of resveratrol on biomarkers of oxidative stress, biochemical and histopathological changes induced by sub-chronic oral glyphosate-based herbicide in rats.

An isopentenyl-substituted flavonoid norartocarpin activates Nrf2 signalling pathway and prevents oxidative insults in human lung epithelial cells.

Ioxynil and diethylstilbestrol disrupt vascular and heart development in zebrafish.

ER stress differentially affects pro-inflammatory changes induced by mitochondrial dysfunction in the human monocytic leukemia cell line, THP-1.

Enhancement of corneal epithelium cell survival, proliferation and migration by red light: Relevance to corneal wound healing.

Cilostazol Attenuates Retinal Oxidative Stress and Inflammation in a Streptozotocin-Induced Diabetic Animal Model.

Effectiveness of AOS-iron on iron deficiency anemia in rats.

IPSE, a urogenital parasite-derived immunomodulatory protein, ameliorates ifosfamide-induced hemorrhagic cystitis through downregulation of pro-inflammatory pathways.

The Effect of Daily Iron Supplementation with 60 mg Ferrous Sulfate for 12 Weeks on Non-Transferrin Bound Iron Concentrations in Women with a High Prevalence of Hemoglobinopathies.

Nrf2 overexpression protects against paraquat-induced A549 cell injury primarily by upregulating P-glycoprotein and reducing intracellular paraquat accumulation.

Organochlorine pesticides and polychlorinated biphenyls (PCBs) in early adulthood and blood lipids over a 23-year follow-up.

Molecular mechanism involved in cyclophosphamide-induced cardiotoxicity: Old drug with a new vision.

Developmental Regulation of Nuclear Factor Erythroid-2 Related Factors (nrfs) by AHR1b in Zebrafish (*Danio rerio*).

Newer pharmacological approaches for antioxidant neuroprotection in traumatic brain injury.

Phenazine and 1-Undecene Producing *Pseudomonas chlororaphis* subsp. *aurantiaca* Strain KNU17Pc1 for Growth Promotion and Disease Suppression in Korean Maize Cultivars.

Ameliorative effect of gallic acid on sodium arsenite-induced spleno-, cardio- and hemato-toxicity in rats.

Dioxins levels in human blood after implementation of measures against dioxin exposure in Japan.

Lung injury from inhaling butane hash oil mimics pneumonia.

Association of East Asian Variant Aldehyde Dehydrogenase 2 Genotype (ALDH2*2*) with Coronary Spasm and Acute Myocardial Infarction.

Prevalence and Antimicrobial Properties of Lactic Acid Bacteria in Nigerian Women During the Menstrual Cycle.

Organ distribution of endogenous p-cresol in hemodialysis patients.

Hepatic and renal protective effects of quercetin in ferrous sulfate-induced toxicity.

An imazamox-based herbicide causes apoptotic changes in rat liver and pancreas.

Effect of sub-chronic ferrous sulfate treatment on motor skills, hematological and biochemical parameters in rats.

[Exploration about the protection mechanism of 5-hydroxy-1-methylhydantoin on paraquat poisoning model].

Effects of aminomethylphosphonic acid, the main breakdown product of glyphosate, on cellular and biochemical parameters of the mussel *Mytilus galloprovincialis*.

Lycopene Triggers Nrf2-AMPK Cross Talk to Alleviate Atrazine-Induced Nephrotoxicity in Mice.

Atorvastatin attenuates paraquat poisoning-induced epithelial-mesenchymal transition via downregulating hypoxia-inducible factor-1 alpha.

Evaluation of Dermal Exposure to the Herbicide Alachlor Among Vegetable Farmers in Thailand.

First evidence of association between past environmental exposure to dioxin and DNA methylation of CYP1A1 and IGF2 genes in present day Vietnamese population.

Effects of whey protein and conjugated linoleic acid on acrolein-induced cardiac oxidative stress, mitochondrial dysfunction and dyslipidemia in rats.

Assessment of the oxidative and genotoxic effects of the glyphosate-based herbicide roundup on the freshwater shrimp, *Macrobrachium nipponensis*.

Increased plasma prothrombin time is associated with poor prognosis in patients with paraquat poisoning.

Does cyclophosphamide still play a role in glomerular diseases?

The mechanism of DNA damage induced by Roundup 360 PLUS, glyphosate and AMPA in human peripheral blood mononuclear cells - genotoxic risk assessment.

2,4-D poisoning: a review with illustration of two cases.

Oxidative damage and antioxidant defense in *Caiman latirostris* (Broad-snouted caiman) exposed in ovo to pesticide formulations.

Protein kinase C-dependent cell damage by unsaturated carbonyl compounds in vascular cells.

[The Role of TSP-1-CD47 in ROS-mediated Pulmonary Fibrosis Induced by Paraquat].

Atrazine Exposure Influences Immunity in the Blue Dasher Dragonfly, *Pachydiplax longipennis* (Odonata: Libellulidae).

Atrazine promotes immunomodulation by melanomacrophage centre alterations in spleen and vascular disorders in gills from *Oreochromis niloticus*.

Diabetes, Cardiovascular Disorders and 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Body Burden in Czech Patients 50 Years After the Intoxication.

Alachlor Use and Cancer Incidence in the Agricultural Health Study: An Updated Analysis.

Development of an oxidative stress in vitro assay in zebrafish (*Danio rerio*) cell lines.

Cytogenetic damage in peripheral blood cultures of *Chaetophractus villosus* exposed in vivo to a glyphosate formulation (Roundup).

Pancreatic function and histoarchitecture in Wistar rats following chronic exposure to Bushfire[®]: the mitigating role of zinc.

Screening effects of metsulfuron-methyl to collembolans and earthworms: the role of adjuvant addition on ecotoxicity.

Biochemical and histological effects of sub-chronic exposure to atrazine in crayfish *Cherax destructor*.

Characterization and safety evaluation of HPPD W336, a modified 4-hydroxyphenylpyruvate dioxygenase protein, and the impact of its expression on plant metabolism in herbicide-tolerant MST-FG⁷²⁻² soybean.

Postnatal exposure to a glyphosate-based herbicide modifies mammary gland growth and development in Wistar male rats.

Toxicity of some aquatic pollutants to fish.

A survival case of intravenous paraquat intoxication: A case report.

Effects of the chloro-s-triazine herbicide terbuthylazine on DNA integrity in human and mouse cells.

Diagnostic value of complete blood count in paraquat and organophosphorus poisoning patients.

Pre-protective effects of dietary chitosan supplementation against oxidative stress induced by diquat in weaned piglets.

Efficacy of initial haemopurification strategy for acute paraquat poisoning in adults: study protocol for a randomised controlled trial (HeSAPP).

Metabolome disruption of pregnant rats and their offspring resulting from repeated exposure to a pesticide mixture representative of environmental contamination in Brittany.

Oxidative stress, cholinesterase activity, and DNA damage in the liver, whole blood, and plasma of Wistar rats following a 28-day exposure to glyphosate.

Effect of glyphosate-based herbicide on hematological and hemopoietic parameters in common carp (*Cyprinus carpio* L).

The impact of Agent Orange exposure on prognosis and management in patients with chronic lymphocytic leukemia: a National Veteran Affairs Tumor Registry Study.

Paraquat induced acute kidney injury and lung fibrosis: a case report from Bangladesh.

Mutagenic assessment of *Lithobates catesbeianus* tadpoles exposed to the 2,4-D herbicide in a simulated realistic scenario.

Six months exposure to a real life mixture of 13 chemicals' below individual NOAELs induced non monotonic sex-dependent biochemical and redox status changes in rats.

Do recommended doses of glyphosate-based herbicides affect soil invertebrates? Field and laboratory screening tests to risk assessment.

Treatment of Paraquat-Induced Lung Injury With an Anti-C5a Antibody: Potential Clinical Application.

2-Methyl-4-chlorophenoxyacetic acid (MCPA) and bromoxynil herbicide ingestion.

Persistence of auxinic herbicides applied on pasture and toxicity for succeeding crops.

Effects of atrazine on vitellogenesis, steroid levels and lipid peroxidation, in female red swamp crayfish *Procambarus clarkii*.

Naringenin Exerts Anti-inflammatory Effects in Paraquat-Treated SH-SY5Y Cells Through a Mechanism Associated with the Nrf2/HO-1 Axis.

Acrolein-induced oxidative stress and genotoxicity in rats: protective effects of whey protein and conjugated linoleic acid.

Mesenchymal stem cell therapy for paraquat poisoning: A systematic review and meta-analysis of preclinical studies.

Effects of surface charge and palladium on hepatic and kidney injury induced by polystyrene nanoparticles co-administered to mice with paraquat and cisplatin.

[Effect of sucralfate on cytokines in rat with paraquat poisoning].

Lipopolysaccharide-Induced Striatal Nitrosative Stress and Impaired Social Recognition Memory Are Not Magnified by Paraquat Coexposure.

Effects of glyphosate on early life stages: comparison between *Cyprinus carpio* and *Danio rerio*.

Paraquat treatment modulates integrin associated protein (CD47) and basigin (CD147) expression and mitochondrial potential on erythroid cells in mice.

Induction of chronic migraine phenotypes in a rat model after environmental irritant exposure.

From TBT to booster biocides: Levels and impacts of antifouling along coastal areas of Panama.

Hepatotoxicity of paraquat on common carp (*Cyprinus carpio* L.).

Potential biomarkers for monitoring the toxicity of long-term exposure to atrazine in rat by metabonomic analysis.

Methemoglobinemia Following Monolinuron Ingestion: A Case Report in a Child.

Ratio of Injured Lung Volume Fraction in Prognosis Evaluation of Acute PQ Poisoning.

Evidence the U.S. autism epidemic initiated by acetaminophen (Tylenol) is aggravated by oral antibiotic amoxicillin/clavulanate (Augmentin) and now exponentially by herbicide glyphosate (Roundup).

Ecotoxicological risk assessment for the herbicide glyphosate to non-target aquatic species: A case study with the mussel *Mytilus galloprovincialis*.

Are the damaging effects induced by the imazethapyr formulation Pivot(®) H in *Boana pulchella* (Anura) reversible upon ceasing exposure?

Neurological and Neurophysiological Findings in Workers with Chronic 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Intoxication 50 Years After Exposure.

[Clinical analysis of lower limb thrombosis caused by paraquat poisoning].

Transcription factor NFE2L2/NRF2 modulates chaperone-mediated autophagy through the regulation of LAMP2A.

Treatment Outcome of Combined Continuous Venovenous Hemofiltration and Hemoperfusion in Acute Paraquat Poisoning: A Prospective Controlled Trial.

Lethal Bentazone Intoxication - A Report of Two Cases.

Carnosic Acid Induces Anti-Inflammatory Effects in Paraquat-Treated SH-SY5Y Cells Through a Mechanism Involving a Crosstalk Between the Nrf2/HO-1 Axis and NF- κ B.

Trans-cinnamaldehyde Modulates Hippocampal Nrf2 Factor and Inhibits Amyloid Beta Aggregation in LPS-Induced Neuroinflammation Mouse Model.

Effects of phytochemical feed additive based on thymol, carvacrol and cinnamic aldehyde on body weight, blood parameters and environmental bacteria in broiler chickens.

Stereoisomeric guaiacylglycerol- β -coniferyl aldehyde ether induces distinctive apoptosis by downregulation of MEK/ERK pathway in hepatocellular carcinoma cells.

Cinnamic aldehyde inhibits vascular smooth muscle cell proliferation and neointimal hyperplasia in Zucker Diabetic Fatty rats.

Acrolein Contributes to the Neuropathic Pain and Neuron Damage after Ischemic-Reperfusion Spinal Cord Injury.

Protective Effects of Brain Infarction by N-Acetylcysteine Derivatives.

Chattonella subsalsa (Raphidophyceae) growth and hemolytic activity in response to agriculturally-derived estuarine contaminants.

Glyphosate Use and Cancer Incidence in the Agricultural Health Study.

Protective effect of ALDH2 against cyclophosphamide-induced acute hepatotoxicity via attenuating oxidative stress and reactive aldehydes.

Neutrophil extracellular traps in acrolein promoted hepatic ischemia reperfusion injury: Therapeutic potential of NOX2 and p38MAPK inhibitors.

Protective Effects of Chymostatin on Paraquat-Induced Acute Lung Injury in Mice.

Immunomodulatory and therapeutic role of *Cinnamomum verum* extracts in collagen-induced arthritic BALB/c mice.

Molecular characterization and efficacy evaluation of a transgenic corn event for insect resistance and glyphosate tolerance.

Acrolein: An Effective Biomarker for Tissue Damage Produced from Polyamines.

[The regulation of tight junction protein via PKC ϵ /1 β for abnormal permeability of brain microvascular endothelial cells exposed to paraquat].

A novel approach for determination of paraquat based on dried blood spot (DBS) extraction and UHPLC-HRMS analysis.

Global transcriptomic analysis of *Rhodococcus erythropolis* D310-1 in responding to chlorimuron-ethyl.

Analysis of Common Herbicides in Blood by UPLC-HRMS.

Chronic adriamycin treatment impairs CGRP-mediated functions of meningeal sensory nerves.

Diquat-induced oxidative stress increases intestinal permeability, impairs mitochondrial function, and triggers mitophagy in piglets.

Effect on transcriptome and metabolome of stacked transgenic maize containing insecticidal cry and glyphosate tolerance epsps genes.

Detoxification Mechanism of α,β -Unsaturated Carbonyl Compounds in Cigarette Smoke Observed in Sheep Erythrocytes.

EF-Tu From Non-typeable *Haemophilus influenzae* Is an Immunogenic Surface-Exposed Protein Targeted by Bactericidal Antibodies.

Cleft palate formation after palatal fusion occurs due to the rupture of epithelial basement membranes.

Associations of cumulative exposure to heavy metal mixtures with obesity and its comorbidities among U.S. adults in NHANES 2003-2014.

Profile of three boron-containing compounds on the body weight, metabolism and inflammatory markers of diabetic rats.

Increases in bioactive lipids accompany early metabolic changes associated with β^2 -cell expansion in response to short-term high-fat diet.

Design of a Biocompatible and Ratiometric Fluorescent probe for the Capture, Detection, Release, and Reculture of Rare Number CTCs.

Contributing factors to iron deficiency anemia in women in Jordan: A single-center cross-sectional study.

Contribution of uraemic toxins to the vascular fibrosis associated with chronic kidney disease.

Morphological evaluation of liposomal iron carriers.

Ketogenic diet regulates the antioxidant catalase via the transcription factor PPAR β .

Eleven Weeks of Iron Supplementation Does Not Maintain Iron Status for an Entire Competitive Season in Elite Female Volleyball Players: A Follow-Up Study.

Uremia Impacts VE-Cadherin and ZO-1 Expression in Human Endothelial Cell-to-Cell Junctions.

A Prospective Randomised Controlled Trial of a Single Intravenous Infusion of Ferric Carboxymaltose vs Single Intravenous Iron Polymaltose or Daily Oral Ferrous Sulphate in the Treatment of Iron Deficiency Anaemia in Pregnancy.

Anemia in Older Adults.

Transport of ACE Inhibitory Peptides Ile-Gln-Pro and Val-Glu-Pro Derived from *Spirulina platensis* Across Caco-2 Monolayers.

Iron Fortification of Spiced Vinegar in the Philippines.

Preoperative Epoetin- α with Intravenous or Oral Iron for Major Orthopedic Surgery: A Randomized Controlled Trial.

Risk of Alzheimer's disease with metal concentrations in whole blood and urine: A case-control study using propensity score matching.

Sleep disorders among Yusho patients highly intoxicated with dioxin-related compounds: A 140-case series.

Plasma metabolite profiles in children with current asthma.

Prevalence of elevated blood lead levels among pregnant women and sources of lead exposure in rural Bangladesh: A case control study.

Generation, clearance, toxicity, and monitoring possibilities of unaccounted uremic toxins for improved dialysis prescriptions.

The role of molecular modelling strategies in validating the effects of chrysin on sodium arsenite-induced chromosomal and DNA damage.

Efficacy of Lactoferrin Oral Administration in the Treatment of Anemia and Anemia of Inflammation in Pregnant and Non-pregnant Women: An Interventional Study.

Sucrosomial(®) Iron Supplementation in Mice: Effects on Blood Parameters, Hepcidin, and Inflammation.

Peak AAA fatty acid homolog contaminants present in the dietary supplement L-Tryptophan associated with the onset of eosinophilia-myalgia syndrome.

Exploring a Novel Screening Method for Patients with Oral Squamous Cell Carcinoma: A plasma Metabolomics Analysis.

[Validity of patient-reported anemia and therapeutic use of iron supplements during pregnancy: 2015 Pelotas (Brazil) birth cohort].

Diagnostic meaning of blood p-cresol concentration in forensic autopsy cases.

Transchem project - Part II: Transgenerational effects of long-term exposure to pendimethalin at environmental concentrations on the early development and viral pathogen susceptibility of rainbow trout (*Oncorhynchus mykiss*).

Effect of various calcium salts on non-heme iron bioavailability in fasted women of childbearing age.

Health Risk Assessment of Occupationally Pesticide-Exposed Population of Cancer Prone Area of Punjab.

Lung function and pulmonary artery blood flow following prenatal maternal retinoic acid and imatinib in the nitrofen model of congenital diaphragmatic hernia.

Efficacy and safety of ferric carboxymaltose versus ferrous sulfate for iron deficiency anemia during pregnancy: subgroup analysis of Korean women.

Pesticides and cardiotoxicity. Where do we stand?

Ursodeoxycholic acid improves liver function via phenylalanine/tyrosine pathway and microbiome remodelling in patients with liver dysfunction.

Quercetin modulates iron homeostasis and iNOS expression of splenic macrophages in a rat model of iron deficiency anemia.

Pea Ferritin Stability under Gastric pH Conditions Determines the Mechanism of Iron Uptake in Caco-2 Cells.

Ellagic acid mitigates sodium arsenite-induced renal and hepatic toxicity in male Wistar rats.

Clinical pharmacokinetics and safety profile of single agent arsenic trioxide by continuous slow-rate infusion in patients with newly diagnosed acute promyelocytic leukemia.

Associations of Arsenic Exposure With Telomere Length and Na⁺-ve T Cells in Childhood-A Birth Cohort Study.

Intravenous Iron Does Not Augment the Hemoglobin Mass Response to Simulated Hypoxia.

Protective Effect of Ellagic Acid Against Sodium Arsenite-Induced Cardio- and Hematotoxicity in Rats.

Probiotics in the treatment of chronic kidney disease: a systematic review.

Phenol and chlorinated phenols exhibit different apoptotic potential in human red blood cells (in vitro study).

ALDH2 Protects Against Ischemic Stroke in Rats by Facilitating 4-HNE Clearance and AQP4 Down-Regulation.

Associations between persistent organic pollutants and metabolic syndrome in morbidly obese individuals.

Arsenic speciation in hair and nails of acute promyelocytic leukemia (APL) patients undergoing arsenic trioxide treatment.

The Influence of Obesity on the Pharmacokinetics of Dioxin in Mice: An Assessment Using Classical and PBPK Modeling.

Toluene and methylethylketone: effect of combined exposure on their metabolism in rat.

Persistent Organochlorine Pollutants in Plasma, Blood Pressure, and Hypertension in a Longitudinal Study.

2,3,7,8-Tetrachlorodibenzo-p-dioxin dose-dependently increases bone mass and decreases marrow adiposity in juvenile mice.

TLQP Peptides in Amyotrophic Lateral Sclerosis: Possible Blood Biomarkers with a Neuroprotective Role.

Non-dioxin-like polychlorinated biphenyls in early pregnancy and risk of gestational diabetes mellitus.

The Effect of Boric Acid and Borax on Oxidative Stress, Inflammation, ER Stress and Apoptosis in Cisplatin Toxication and Nephrotoxicity Developing as a Result of Toxication.

Possible Obesogenic Effects of Bisphenols Accumulation in the Human Brain.

Genetic or pharmacological superoxide-hydrogen peroxide imbalances modulate the in vitro effects of lithium on glycogen synthase kinase-3 β .

Metabolic profiles in community-acquired pneumonia: developing assessment tools for disease severity.

Mining a KrÄ¶hnke Pyridine Library for Anti-Arenavirus Activity.

Towards Resolving the Pro- and Anti-Tumor Effects of the Aryl Hydrocarbon Receptor.

Protective Effect of Azadirachta indica and Vitamin E Against Arsenic Acid-Induced Genotoxicity and Apoptosis in Rats.

The effect of ellagic acid on photodynamic therapy in leukemia cells.

Impact of Double-Fortified Salt with Iron and Iodine on Hemoglobin, Anemia, and Iron Deficiency Anemia: A Systematic Review and Meta-Analysis.

Metabolism and disposition of arsenic species after repeated oral dosing with sodium arsenite in drinking water. II. Measurements in pregnant and fetal CD-1 mice.

Persistent organic pollutants and risk of type 2 diabetes: A prospective investigation among middle-aged women in Nurses' Health Study II.

Modulation of intestinal microbiota, control of nitrogen products and inflammation by pre/probiotics in chronic kidney disease: a systematic review.

Cholinesterase research outreach project (CROP): point of care cholinesterase measurement in an Australian agricultural community.

Food and nutrition insecurity indicators associated with iron deficiency anemia in Brazilian children: a systematic review.

Dioxin-like PCB 126 Increases Systemic Inflammation and Accelerates Atherosclerosis in Lean LDL Receptor-Deficient Mice.

Role of Peroxiredoxin 2 in the Protection Against Ferrous Sulfate-Induced Oxidative and Inflammatory Injury in PC12 Cells.

In rats gestational iron deficiency does not change body fat or hepatic mitochondria in the aged offspring.

Phase III randomized trial comparing intravenous to oral iron in patients with cancer-related iron deficiency anemia not on erythropoiesis stimulating agents.

Carnosine attenuates cyclophosphamide-induced bone marrow suppression by reducing oxidative DNA damage.

Safety evaluation of an oat grain alkaloid gramine by genotoxicity assays.

Effects of low-level prenatal exposure to dioxins on cognitive development in Japanese children at 42 months.

Host biotin is required for liver stage development in malaria parasites.

Sucrosomial Iron Supplementation in Anemic Patients with Celiac Disease Not Tolerating Oral Ferrous Sulfate: A Prospective Study.

[Adherence to iron supplementation in pregnant women].

Decreased activity of glutathione peroxidase with oral ferrous iron administration: A cause of oxidative stress.

p-Cresyl sulfate decreases peripheral B cells in mice with adenine-induced renal dysfunction.

The impaired immune function and structural integrity by dietary iron deficiency or excess in gill of fish after infection with *Flavobacterium columnare*: Regulation of NF- κ B, TOR, JNK, p38MAPK, Nrf2 and MLCK signalling.

Environmental pollutant hexachlorobenzene induces hypertension in a rat model.

The perspective of primary health care pediatricians regarding childhood anemia and iron supplementation.

Differences in fecal microbial metabolites and microbiota of children with autism spectrum disorders.

Association of urinary concentrations of four chlorophenol pesticides with cardiometabolic risk factors and obesity in children and adolescents.

Arsenic exposure induces glucose intolerance and alters global energy metabolism.

A comparison of clinical efficacy and economic value in Basalin- and Lantus-treated patients with type 2 diabetes using continuous glucose monitoring system.

Efficacy of Probiotics Supplementation On Chronic Kidney Disease: a Systematic Review and Meta-Analysis.

Recent decreasing trends of exposure to PCDDs/PCDFs/dioxin-like PCBs in general populations, and associations with diabetes, metabolic syndrome, and gout/hyperuricemia.

Novel insight into circular RNA HECTD1 in astrocyte activation via autophagy by targeting MIR142-TIPARP: implications for cerebral ischemic stroke.

[About a cresol intoxication].

Efficacy of Supplementation with Iron Sulfate Compared to Iron Bisglycinate Chelate in Preterm Infants.

Arsenic Exposure in Relation to Ischemic Stroke: The Reasons for Geographic and Racial Differences in Stroke Study.

Evidence for estrogeno-mimetic effects of a mixture of low-dose pollutants in a model of ovariectomized mice.

Role of endogenous hydrogen sulfide in cardiac mitochondrial preservation during ischemia reperfusion injury.

Association of blood polychlorinated biphenyls and cholesterol levels among Canadian Inuit.

Morbidity in New Zealand pesticide producers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Probiotic Supplementation in Chronic Kidney Disease: A Double-blind, Randomized, Placebo-controlled Trial.

Prenatal exposure to dioxin-like compounds is associated with decreased cord blood IgE and increased risk of wheezing in children aged up to 7years: The Hokkaido study.

Morphological characteristics and human papillomavirus genotype predict the treatment response in cutaneous warts.

Iron deficiency anemia interfering the diagnosis of compound heterozygosity for Hb constant spring and Hb Paks^Å: The first case report.

Cytochemical patterns of the peripheral blood cells in Chinese alligator (*Alligator sinensis*).

Production of bioactive cyclotides in somatic embryos of *Viola odorata*.

Differences in reproductive toxicity of TBBPA and TCBPA exposure in male *Rana nigromaculata*.

Glutathione-S-transferase-theta genotypes and the risk of cyclophosphamide toxicity in dogs.

Pharmaceuticals, hormones, pesticides, and other bioactive contaminants in water, sediment, and tissue from Rocky Mountain National Park, 2012-2013.

Near infrared laser irradiation induces NETosis via oxidative stress and autophagy.

Risk for animal and human health related to the presence of dioxins and dioxin-like PCBs in feed and food.

Paraquat-Mediated Oxidative Stress in *Anopheles gambiae* Mosquitoes Is Regulated by An Endoplasmic Reticulum (ER) Stress Response.

Induction of intracellular ferritin expression in embryo-derived *Ixodes scapularis* cell line (ISE6).

Serum organochlorine pesticides residues and risk of cancer: A case-control study.

Signaling Events Downstream of AHR Activation That Contribute to Toxic Responses: The Functional Role of an AHR-Dependent Long Noncoding RNA (slincR) Using the Zebrafish Model.

Dynamics study on the role of curcumin on TGF- β 1 expression and pathological changes in acute paraquat poisoned rats.

Metabolism and disposition of arsenic species from controlled dosing with sodium arsenite in adult female CD-1 mice. III. Toxicokinetic studies following oral and intravenous administration.

Glutathione S-transferase P deficiency induces glucose intolerance via JNK-dependent enhancement of hepatic gluconeogenesis.

Exposure to bisphenol A, chlorophenols, benzophenones, and parabens in relation to reproductive hormones in healthy women: A chemical mixture approach.

The effect of prenatal exposure on disposition of hexachloronaphthalene in female Wistar rats and fetal compartment.

Moderate levels of glyphosate and its formulations vary in their cytotoxicity and genotoxicity in a whole blood model and in human cell lines with different estrogen receptor status.

Behavioral response and dynamics of *Eisenia fetida* hemocytes exposed to environmentally relevant concentration of sulfentrazone.

Nrf2 Signaling in Sodium Azide-Treated Oligodendrocytes Restores Mitochondrial Functions.

In vitro detection of allergen sensitized basophils by HSA-DNP antigen-anchored liquid crystal microdroplets.

Screening hundreds of emerging organic pollutants (EOPs) in surface water from the Yangtze River Delta (YRD): Occurrence, distribution, ecological risk.

Prolonged DADLE exposure epigenetically promotes Bcl-2 expression and elicits neuroprotection in primary rat cortical neurons via the PI3K/Akt/NF- κ B pathway.

Supplementation of Short-Chain Fatty Acid, Sodium Propionate, in Patients on Maintenance Hemodialysis: Beneficial Effects on Inflammatory Parameters and Gut-Derived Uremic Toxins, A Pilot Study (PLAN Study).

Psychic euosmia and obsessive compulsive personality disorder.

Bushfire smoke is pro-inflammatory and suppresses macrophage phagocytic function.

Correction: Efficacy of initial haemopurification strategy for acute paraquat poisoning in adults: study protocol for a randomised controlled trial (HeSAPP).

Pseudomelanosis intestini "from pylorus to jejunum:" A rare endoscopic finding in a patient with GI bleeding.

Roles of dietary supplementation with arginine or N-carbamylglutamate in modulating the inflammation, antioxidant property, and mRNA expression of antioxidant-relative signaling molecules in the spleen of rats under oxidative stress.

Arsenic-containing hydrocarbons disrupt a model in vitro blood-cerebrospinal fluid barrier.

The Aryl Hydrocarbon Receptor and the Nervous System.

The effect of two bromfenvinphos impurities: BDCEE and \hat{I}^2 -ketophosphonate on oxidative stress induction, acetylcholinesterase activity, and viability of human red blood cells.

Comparison of the Metabolic Behaviors of Six Systemic Insecticides in a Newly Established Cell Suspension Culture Derived from Tea (*Camellia sinensis* L.) Leaves.

Data on recurrent somatic embryogenesis and in vitro micropropagation of *Cnidium officinale* Makino.

Sex-related differences in the associations between maternal dioxin-like compounds and reproductive and steroid hormones in cord blood: The Hokkaido study.

Comparison of Hepatic NRF2 and Aryl Hydrocarbon Receptor Binding in 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Treated Mice Demonstrates NRF2-Independent PKM2 Induction.

Effects of Prebiotic Fiber Xylooligosaccharide in Adenine-Induced Nephropathy in Mice.

Serum metabolome profiling revealed potential biomarkers for milk protein yield in dairy cows.

Aryl Hydrocarbon Receptor Regulates Apoptosis and Inflammation in a Murine Model of Experimental Autoimmune Uveitis.

Homogeneous Entropy Catalytic-Driven DNA Hydrogel as Strong Signal Blocker for Highly Sensitive Electrochemical Detection of Platelet-Derived Growth Factor.

Lung injury caused by paraquat poisoning results in increased interleukin-6 and decreased microRNA-146a levels.

The impact of short-chain fatty acids on GLP-1 and PYY secretion from the isolated perfused rat colon.

Arsenic methylation capacity in relation to nutrient intake and genetic polymorphisms in one-carbon metabolism.

Association of dioxin exposure and reproductive hormone levels in men living near the Bien Hoa airbase, Vietnam.

Lithium Treatment Aggregates the Adverse Effects on Erythrocytes Subjected to Arsenic Exposure.

Pharmacologic modeling of primary mitochondrial respiratory chain dysfunction in zebrafish.

Biogenic Synthesis of Novel Functionalized Selenium Nanoparticles by *Lactobacillus casei* ATCC 393 and Its Protective Effects on Intestinal Barrier Dysfunction Caused by Enterotoxigenic *Escherichia coli* K88.

Toxicology and carcinogenesis studies of p-chloro- $\hat{\pm}$, $\hat{\pm}$, $\hat{\pm}$ -trifluorotoluene in Sprague Dawley (Hsd:Sprague Dawley SD) rats and B6C3F1/N mice (inhalation studies).

Kinetic and stoichiometric constraints determine the pathway of H₂O₂ consumption by red blood cells.

Explaining the accelerated degradation of ciprofloxacin, sulfamethazine, and erythromycin in different soil exposure scenarios by their aqueous extractability.

Hyperbaric oxygen as a treatment modality in cyclophosphamide-induced hemorrhagic cystitis.

Accumulation properties of polychlorinated biphenyl congeners in Yusho patients and prediction of their cytochrome P450-dependent metabolism by in silico analysis.

Elevated Nrf-2 responses are insufficient to mitigate protein carbonylation in hepatospecific PTEN deletion mice.

Fragmentation patterns involving ammonium adduct fragment ions: A comparison of the determination of metaldehyde in human blood by HPLC-QqQ-MS/MS and UHPLC-Q-TOF-MS.

Berberine protects the liver and kidney against functional disorders and histological damages induced by ferrous sulfate.

Shielding effect of anethole against arsenic induced genotoxicity in cultured human peripheral blood lymphocytes and effect of GSTO1 polymorphism.

Human biomonitoring reference values for some non-persistent chemicals in blood and urine derived from the Canadian Health Measures Survey 2009-2013.

A Review of Environmental Occurrence, Fate, Exposure, and Toxicity of Benzothiazoles.

Background biomonitoring of residue levels of 137 pesticides in the blood plasma of the general population in Beijing.

Erythritol, at insecticidal doses, has harmful effects on two common agricultural crop plants.

Improved safety margin for embryotoxicity in rats for the new endoperoxide artefenomel (OZ439) as compared to artesunate.

Low Oxidative Stress-Mediated Proliferation Via JNK-FOXO3a-Catalase Signaling in Transplanted Adult Stem Cells Promotes Wound Tissue Regeneration.

Prenatal exposure to glycol ethers and sex steroid hormones at birth.

Neurocognitive and physical functioning in the Seveso Women's Health Study.

Arsenic Attenuates Heparin-Binding EGF-Like Growth Factor/EGFR Signaling That Promotes Matrix Metalloprotease 9-Dependent Astrocyte Damage in the Developing Rat Brain.

Identification of novel Nrf2 activators from *Cinnamomum chartophyllum* H.W. Li and their potential application of preventing oxidative insults in human lung epithelial cells.

Enzyme polymorphism, oxygen and injury: a lipidomic analysis of flight-induced oxidative damage in a succinate dehydrogenase d (Sdhd)-polymorphic insect.

Transplantation of endothelial progenitor cells attenuated paraquat-induced acute lung injury via miR-141-3p-Notch-Nrf2 axis.

Genetic and Environmental Effects on Gene Expression Signatures of Blood Pressure: A Transcriptome-Wide Twin Study.

The maturation state of the auditory nerve and brainstem in rats exposed to lead acetate and supplemented with ferrous sulfate.

Prenatal dioxin exposure estimated from dioxins in breast milk and sex hormone levels in umbilical cord blood in Vietnamese newborn infants.

Association of prenatal exposure to PCDD/Fs and PCBs with maternal and infant thyroid hormones: The Hokkaido Study on Environment and Children's Health.

Sensitive and rapid determination of glyphosate, glufosinate, bialaphos and metabolites by UPLC-MS/MS using a modified Quick Polar Pesticides Extraction method.

Pendimethalin induces oxidative stress, DNA damage, and mitochondrial dysfunction to trigger apoptosis in human lymphocytes and rat bone-marrow cells.

Effects of arsenolipids on in vitro blood-brain barrier model.

Potential Prognostic, Diagnostic and Therapeutic Markers for In-stent Reocclusion in Advanced Age Patients After Coronary Stenting.

Risk factors for intestinal colonization with vancomycin resistant enterococci' A prospective study in a level III pediatric intensive care unit.

Antifouling processes and toxicity effects of antifouling paints on marine environment. A review.

Metabolism and disposition of arsenic species from controlled oral dosing with sodium arsenite in adult female CD-1 mice. I. Pilot study to determine dosing, analytical measurements, and sampling strategies.

Understanding the viscoelastic behavior of arterial elastin in glucose via relaxation time distribution spectrum.

Intermittent Hypoxia and Unsaturated Aldehydes: Effects on Oral Epithelial Wound Healing.

[The roles of TSP-1 and its receptor CD47 in pathogenesis of paraquat-induced pulmonary fibrosis in rats].

Early Metabolome Profiling and Prognostic Value in Paraquat-Poisoned Patients: Based on Ultraperformance Liquid Chromatography Coupled To Quadrupole Time-of-Flight Mass Spectrometry.

A case of herbicide-induced acute fibrinous and organizing pneumonia?

Cytogenetic damage in peripheral blood lymphocytes of children exposed to pesticides in agricultural areas of the department of Cordoba, Colombia.

Effects of glyphosate residues and different concentrate feed proportions on performance, energy metabolism and health characteristics in lactating dairy cows.

Propolis supplementation attenuates the negative effects of oxidative stress induced by paraquat injection on productive performance and immune function in turkey poults.

Effects of glyphosate on immune responses and haemocyte DNA damage of Chinese mitten crab, *Eriocheir sinensis*.

Acrolein Disrupts Tight Junction Proteins and Causes Endoplasmic Reticulum Stress-Mediated Epithelial Cell Death Leading to Intestinal Barrier Dysfunction and Permeability.

Effectiveness of heparin eye drops in paraquat-induced ocular injury.

[Mechanism of action for oligomeric proanthocyaniclins in paraquat-induced acute lung injury].

[Paraquat poisoning mechanism and its clinical treatment progress].

Exposure of frogs and tadpoles to chiral herbicide fenoxaprop-ethyl.

Epi/perineural and Schwann Cells as Well as Perineural Sheath Integrity are Affected Following 2,4-D Exposure.

A new machine-learning method to prognosticate paraquat poisoned patients by combining coagulation, liver, and kidney indices.

Influence of sublethal doses of acetamiprid and halosulfuron-methyl on metabolites of zebra fish (*Brachydanio rerio*).

Effects of sub-chronic exposure to terbuthylazine on DNA damage, oxidative stress and parent compound/metabolite levels in adult male rats.

Simultaneous determination of bentazone and its metabolites in postmortem whole blood using liquid chromatography-tandem mass spectrometry.

Hypokalemia is a biochemical signal of poor prognosis for acute paraquat poisoning within 4 hours.

Genotoxic effects of Roundup Full II® on lymphocytes of *Chaetophractus villosus* (Xenarthra, Mammalia): In vitro studies.

Distribution and incorporation mode of the herbicide MCPA in soil derived organo-clay complexes.

Biomarkers of Chronic Acrolein Inhalation Exposure in Mice: Implications for Tobacco Product-Induced Toxicity.

Evaluation of imazethapyr-induced DNA oxidative damage by alkaline Endo III- and Fpg-modified single-cell gel electrophoresis assay in *Hypsiboas pulchellus* tadpoles (Anura, Hylidae).

In vivo cardiovascular toxicity induced by acetochlor in zebrafish larvae.

Tanshinone I Induces Mitochondrial Protection through an Nrf2-Dependent Mechanism in Paraquat-Treated Human Neuroblastoma SH-SY5Y Cells.

[Experimental study scavenging effect of paraquat by hemoperfusion].

Paraquat Induces Peripheral Myelin Disruption and Locomotor Defects: Crosstalk with LXR and Wnt Pathways.

Exploring the potential confounder of nitrogen fertilizers in the relationship between pesticide exposures and risk of leukemia: a Poisson regression with two-way fixed-effects analysis.

Metabolic profiling of goldfish (*Carassius auratus*) after long-term glyphosate-based herbicide exposure.

Influence of temperature on the antioxidant responses and lipid peroxidation of two species of tadpoles (*Rhinella schneideri* and *Physalaemus nattereri*) exposed to the herbicide sulfentrazone (Boral 500SC®).

DNA damage and methylation induced by glyphosate in human peripheral blood mononuclear cells (in vitro study).

Improvement of cyanobacterial-killing biologically derived substances (BDSs) using an ecologically safe and cost-effective naphthoquinone derivative.

[Intervention of edaravone against renal injury induced by acute paraquat poisoning in rats].

Levels of oxylipins, endocannabinoids and related lipids in plasma before and after low-level exposure to acrolein in healthy individuals and individuals with chemical intolerance.

Serum S100 protein could predict altered consciousness in glyphosate or glufosinate poisoning patients.

Time-dependent haemoperfusion after acute paraquat poisoning.

[The study of using salvianolate treat acute lung injury in rats induced by paraquat].

The association of cancer risks with pentachlorophenol exposure: Focusing on community population in the areas along certain section of Yangtze River in China.

Fluazifop- p-butyl, an aryloxyphenoxypropionate herbicide, diminishes renal and hepatic functions and triggers testicular oxidative stress in orally exposed rats.

[The study of using cordyceps-astragalus-salvia miltiorrhiza to treat acute lung injury induced by paraquat poisoning in rats].

Exposures to the environmental toxicants pentachlorophenol (PCP) and dichlorodiphenyltrichloroethane (DDT) modify secretion of interleukin 1-beta (IL-1 β) from human immune cells.

Acrolein Inhalation Alters Myocardial Synchrony and Performance at and Below Exposure Concentrations that Cause Ventilatory Responses.

Ablation of Akt2 prevents paraquat-induced myocardial mitochondrial injury and contractile dysfunction: Role of Nrf2.

[Evaluation of adsorption effect of activated charcoal on oral paraquat poisoning: an experimental study on large animal].

Performance of a novel atrazine-induced cerebellar toxicity in quail (*Coturnix C. coturnix*): Activating PXR/CAR pathway responses and disrupting cytochrome P450 homeostasis.

Effects of pentachlorophenol and dichlorodiphenyltrichloroethane on secretion of interferon gamma (IFN γ) and tumor necrosis factor alpha (TNF α) from human immune cells.

An intelligent prognostic system for analyzing patients with paraquat poisoning using arterial blood gas indexes.

Phycoerythrin averts intracellular ROS generation and physiological functional decline in eukaryotes under oxidative stress.

Perinatal exposure to glyphosate-based herbicide alters the thyrotrophic axis and causes thyroid hormone homeostasis imbalance in male rats.

Basagran (A[®]) induces developmental malformations and changes the bacterial community of zebrafish embryos.

Epigallocatechin-3-gallate alleviates paraquat-induced acute lung injury and inhibits upregulation of toll-like receptors.

Micronuclei and other nuclear abnormalities on *Caiman latirostris* (Broad-snouted caiman) hatchlings after embryonic exposure to different pesticide formulations.

[Value of base excess in predicting the prognosis of patients with paraquat poisoning].

Multiomics reveal non-alcoholic fatty liver disease in rats following chronic exposure to an ultra-low dose of Roundup herbicide.

Vasculitic Neuropathy Following Exposure to a Glyphosate-based Herbicide.

Sodium chlorate, a herbicide and major water disinfectant byproduct, generates reactive oxygen species and induces oxidative damage in human erythrocytes.

An Effective Machine Learning Approach for Prognosis of Paraquat Poisoning Patients Using Blood Routine Indexes.

Beneficial Effects of the Amino Acid Glycine.

[Protective effect of thalidomide on ALI induced by paraquat poisoning in rats and its mechanism].

[Effects of curcumin on pulmonary fibrosis and functions of paraquat-challenged rats].

Pinocembrin Provides Mitochondrial Protection by the Activation of the Erk1/2-Nrf2 Signaling Pathway in SH-SY5Y Neuroblastoma Cells Exposed to Paraquat.

Combined Catalase and ADH Inhibition Ameliorates Ethanol-Induced Myocardial Dysfunction Despite Causing Oxidative Stress in Conscious Female Rats.

Carbenoxolone inhibits TRPV4 channel-initiated oxidative urothelial injury and ameliorates cyclophosphamide-induced bladder dysfunction.

A screen for protective drugs against delayed hypoxic injury.

Cinnamaldehyde potentially attenuates gestational hyperglycemia in rats through modulation of PPAR γ , proinflammatory cytokines and oxidative stress.

In vitro antioxidant activities of resveratrol, cinnamaldehyde and their synergistic effect against cyadox-induced cytotoxicity in rabbit erythrocytes.

Effects of cinnamaldehyde or monensin on performance of weaned Holstein dairy heifers.

Glyphosate and Paraquat in Maternal and Fetal Serums in Thai Women.

[Curative effect of paraquat detoxification recipe combined with continuous hemoperfusion in the treatment of patients with APP and clinical value of Presepsin].

[Protective effect of 5-aminosalicylic acid on the kidney of paraquat poisoning rats by Nrf2-ARE signal pathway].

Investigation of the Importance of Multidrug Resistance-Associated Protein 4 (Mrp4/Abcc4) in the Active Efflux of Anionic Drugs Across the Blood-Brain Barrier.

Identification and Biological Evaluation of Secondary Metabolites from Marine Derived Fungi-*Aspergillus* sp. SCS10W3, Cultivated in the Presence of Epigenetic Modifying Agents.

Iron and Zinc Supplementation Does Not Impact Urinary Arsenic Excretion in Mexican School Children.

Effects of pentachlorophenol on the quail (*Coturnix japonica*) liver detoxification pathway.

A drastic superoxide-dependent oxidative stress is prerequisite for the down-regulation of IRP1: Insights from studies on SOD1-deficient mice and macrophages treated with paraquat.

Evaluation of antibacterial potential and toxicity of plant volatile compounds using new broth microdilution volatilization method and modified MTT assay.

[Experimental study on formation of neutrophil extracellular traps in human peripheral blood induced by paraquat in vitro].

2-Methoxycinnamaldehyde inhibits the TNF- α -induced proliferation and migration of human aortic smooth muscle cells.

A serine/threonine phosphatase 1 of *Streptococcus suis* type 2 is an important virulence factor.

Conjugation of nitrated acetaminophen to Der p1 amplifies peripheral blood monocyte response to Der p1.

Chloracne in a Farming Family.

Pathogenesis of deep endometriosis.

Expression of aryl hydrocarbon receptor, inflammatory cytokines, and incidence of rheumatoid arthritis in Vietnamese dioxin-exposed people.

Lactoferrin or ferrous salts for iron deficiency anemia in pregnancy: A meta-analysis of randomized trials.

Distribution of arsenic and oxidative stress in mice after rice ingestion.

Point-of-use fortification of foods with micronutrient powders containing iron in children of preschool and school-age.

Sodium chloride pica causing recurrent nephrolithiasis in a patient with iron deficiency anemia: a case report.

Dietary nonheme iron is equally bioavailable from ferritin or ferrous sulfate in thalassemia intermedia.

Iron absorption from oral iron supplements given on consecutive versus alternate days and as single morning doses versus twice-daily split dosing in iron-depleted women: two open-label, randomised controlled trials.

Gastrointestinal: Cause or effect: A case of microcytic anemia.

Obesogenic endocrine disruptors and obesity: myths and truths.

Sex-specific differences in effect of prenatal exposure to dioxin-like compounds on neurodevelopment in Japanese children: Sapporo cohort study.

Iron Pharmacokinetics in Women with Iron Deficiency Anaemia Following A Single Oral Dose of a Novel Formulation of Tardyferon (Prolonged Release Ferrous Sulphate).

A Toddler With Severe Anemia, Pica, and Extremity Swelling.

[Sensory axonal polyneuropathy due to 2,4-dinitrophenol].

Mitochondrial uncoupling in the melanocortin system differentially regulates NPY and POMC neurons to promote weight-loss.

Association Between Dioxin and Metabolic Syndrome by Age and Sex in an Endemic Area of Exposure in Taiwan.

Comparison of Different Iron Preparations in the Prophylaxis of Iron-deficiency Anemia.

Iron Supplementation in Twin Pregnancy - The Benefit of Doubling the Iron Dose in Iron Deficient Pregnant Women: A Randomized Controlled Trial.

Consumption of galacto-oligosaccharides increases iron absorption from a micronutrient powder containing ferrous fumarate and sodium iron EDTA: a stable-isotope study in Kenyan infants.

Do PCDD/PCDF standard solutions used in dioxin analysis pose a risk as potentially acutely toxic to lab personnel?

Mixture effects of 30 environmental contaminants on incident metabolic syndrome-A prospective study.

Carnosic Acid Protects Mitochondria of Human Neuroblastoma SH-SY5Y Cells Exposed to Paraquat Through Activation of the Nrf2/HO-1 Axis.

Effects of Orally Ingested Arsenic on Respiratory Epithelial Permeability to Bacteria and Small Molecules in Mice.

Construction of environmental risk score beyond standard linear models using machine learning methods: application to metal mixtures, oxidative stress and cardiovascular disease in NHANES.

Anemia after continuous-flow left ventricular assist device implantation: characteristics and implications.

Dietary Factors Modulate Iron Uptake in Caco-2 Cells from an Iron Ingot Used as a Home Fortificant to Prevent Iron Deficiency.

Recurrent anaemia in a patient with lymphocytic gastritis and vitamin B(12) deficiency.

Chronic exposure of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces an obesogenic effect in C57BL/6J mice fed a high fat diet.

The anti-migraine component of butterbur extracts, isopetasin, desensitizes peptidergic nociceptors by acting on TRPA1 cation channel.

Antimicrobial agents, triclosan, chloroxylenol, methylisothiazolinone and borax, used in cleaning had genotoxic and histopathologic effects on rainbow trout.

Changes in Serum Adiponectin in Mice Chronically Exposed to Inorganic Arsenic in Drinking Water.

Assessing the Impact of Lithium Chloride on the Expression of P-Glycoprotein at the Blood-Brain Barrier.

Visual light effects on mitochondria: The potential implications in relation to glaucoma.

Metabolic inhibition reduces cardiac L-type Ca²⁺ channel current due to acidification caused by ATP hydrolysis.

Effects of C-Glycosides from *Apios americana* Leaves against Oxidative Stress during Hyperglycemia through Regulating Mitogen-Activated Protein Kinases and Nuclear Factor Erythroid 2-Related Factor 2.

Near infra-red light attenuates corneal endothelial cell dysfunction in situ and in vitro.

An infant and mother with severe B(12) deficiency: vitamin B(12) status assessment should be determined in pregnant women with anaemia.

Broad Spectrum Macromolecular Antimicrobials with Biofilm Disruption Capability and In Vivo Efficacy.

Iron Supplementation, Response in Iron-Deficiency Anemia: Analysis of Five Trials.

Iron bioavailability in iron-fortified cereal foods: The contribution of in vitro studies.

KML001 and doxercalciferol induce synergistic antileukemic effect in acute lymphoid leukemia cells.

[Refractory iron deficiency anaemia].

Amyloid fibril systems reduce, stabilize and deliver bioavailable nanosized iron.

Iron supplementation in singleton pregnancy: Is there a benefit to doubling the dose of elemental iron in iron-deficient pregnant women? a randomized controlled trial.

Forty to fifty-five-year-old women and iron deficiency: clinical considerations and quality of life.

Sulfhaemoglobinaemia caused by ferrous sulfate.

Effect of Low-Dose Ferrous Sulfate vs Iron Polysaccharide Complex on Hemoglobin Concentration in Young Children With Nutritional Iron-Deficiency Anemia: A Randomized Clinical Trial.

The history of arsenical pesticides and health risks related to the use of Agent Blue.

Evaluation of processed borax as antidote for aconite poisoning.

The decreased growth performance and impaired immune function and structural integrity by dietary iron deficiency or excess are associated with TOR, NF- κ B, p38MAPK, Nrf2 and MLCK signaling in head kidney, spleen and skin of grass carp (*Ctenopharyngodon idella*).

Progesterone resistance in endometriosis: origins, consequences and interventions.

Levels and profiles of organohalogenated contaminants in human blood from Egypt.

Oral Iron Treatment Response and Predictors in Anaemic Adolescents and Adults with IBD: A Prospective Controlled Open-Label Trial.

Polychlorinated biphenyls exposure-induced insulin resistance is mediated by lipid droplet enlargement through Fsp27.

Ferric carboxymaltose vs. oral iron in the treatment of pregnant women with iron deficiency anemia: an international, open-label, randomized controlled trial (FER-ASAP).

Oral administration of trace element magnesium significantly improving the cognition and locomotion in hepatic encephalopathy rats.

Sodium azide suppresses LPS-induced expression MCP-1 through regulating $\text{I}\kappa\text{B}\alpha$ and STAT1 activities in macrophages.

Iron Supplements Modulate Colon Microbiota Composition and Potentiate the Protective Effects of Probiotics in Dextran Sodium Sulfate-induced Colitis.

Limited reduction in uremic solute concentrations with increased dialysis frequency and time in the Frequent Hemodialysis Network Daily Trial.

Suppressed erythropoietin expression in a nitrofen-induced congenital diaphragmatic hernia.

DNP, mitochondrial uncoupling, and neuroprotection: A little dab'll do ya.

Ceftriaxone-Induced Hemolytic Anemia in a Jehovah's Witness.

Sustained effectiveness of weekly iron-folic acid supplementation and regular deworming over 6 years in women in rural Vietnam.

Environmental pollutants, a possible etiology for premature ovarian insufficiency: a narrative review of animal and human data.

1,2-Dichloroethane impairs glucose and lipid homeostasis in the livers of NIH Swiss mice.

Iron Deficiency Anemia in Adolescents Who Present with Heavy Menstrual Bleeding.

Comparison of intravenous ferrous sucrose and oral ferrous sulphate in treatment of postpartum iron deficiency anemia.

Strain differences in arsenic-induced oxidative lesion via arsenic biomethylation between C57BL/6J and 129X1/SvJ mice.

A path analysis of multiple neurotoxic chemicals and cognitive functioning in older US adults (NHANES 1999-2002).

Hyperglycemia enhances arsenic-induced platelet and megakaryocyte activation.

Pharmacologic Impact (aka "Breaking Bad") of Medications on Wound Healing and Wound Development: A Literature-based Overview.

Ameliorative effect of two Ayurvedic herbs on experimentally induced arsenic toxicity in calves.

Amelioration of arsenic-induced toxic effects in mice by dietary supplementation of *Syzygium cumini* leaf extract.

Oral antiplatelet agents for the management of acute coronary syndromes: A review for nurses and allied healthcare professionals.

Randomized clinical trial of preoperative oral versus intravenous iron in anaemic patients with colorectal cancer.

Effect of curcumin on kidney histopathological changes, lipid peroxidation and total antioxidant capacity of serum in sodium arsenite-treated mice.

An iron-deficient diet during development induces oxidative stress in relation to age and gender in Wistar rats.

Epidemiology of endometriosis and its comorbidities.

Accelerated Bone Regeneration by Two-Photon Photoactivated Carbon Nitride Nanosheets.

[Uremic toxins and gut micro biome].

[Ferrous sulfate in the treatment of iron deficiency anemia: The positions continue].

Effects of high fat diet and perinatal dioxin exposure on development of body size and expression of platelet-derived growth factor receptor β^2 in the rat brain.

Effect of 2,4-Dinitrophenol preconditioning on the expression levels of mesenchymal markers in neonatal cardiac progenitors.

Dibenzo[def,p]chrysene transplacental carcinogenesis in wild-type, Cyp1b1 knockout, and CYP1B1 humanized mice.

Biomarkers identification by a combined clinical and metabonomics analysis in Henoch-Schonlein purpura nephritis children.

Ion Imbalance Is Involved in the Mechanisms of Liver Oxidative Damage in Rats Exposed to Glyphosate.

Effects of water extracts of *Rehmannia glutinosa* on antioxidant system of Nrf2 in paraquat-induced insulin resistance diabetic rat model.

Mutagenic and genotoxic effects of Anilofos with micronucleus, chromosome aberrations, sister chromatid exchanges and Ames test.

Pesticide incidence in poisoned baits: A 10-year report.

Extensin-4 protects kidney from acute ischemia-reperfusion injury through upregulation of NRF2 signaling.

Aryl Hydrocarbon Receptor Activation Suppresses EBF1 and PAX5 and Impairs Human B Lymphopoiesis.

The protective effect of hydroalcoholic extract of Ginger (*Zingiber officinale* Rosc.) against iron-induced functional and histological damages in rat liver and kidney.

Adverse drug reactions in high-risk pregnant women: A prospective study.

Evaluation of the safety of a genetically modified DAS-444~6-6 soybean meal and hulls in a 90-day dietary toxicity study in rats.

Imbalanced immune responses involving inflammatory molecules and immune-related pathways in the lung of acute and subchronic arsenic-exposed mice.

Assessment of prescribed medications and pattern of distribution for potential drug-drug interactions among chronic kidney disease patients attending the Nephrology Clinic of Lagos University Teaching Hospital in Sub-Saharan West Africa.

Effect of soluble CD14 subtype on the prognosis evaluation of acute paraquat poisoning patients.

The effect of adding ferrous sulfate to methylphenidate on attention-deficit/hyperactivity disorder in children.

Novel Pathways of Ponatinib Disposition Catalyzed By CYP1A1 Involving Generation of Potentially Toxic Metabolites.

Effect of arsenic acid withdrawal on hepatotoxicity and disruption of erythrocyte antioxidant defense system.

No evidence for a link between forest herbicides and offspring sex ratio in a migratory songbird using high-throughput molecular sexing.

Biosensor Technology Reveals the Disruption of the Endothelial Barrier Function and the Subsequent Death of Blood Brain Barrier Endothelial Cells to Sodium Azide and Its Gaseous Products.

Loss of liver-specific and sexually dimorphic gene expression by aryl hydrocarbon receptor activation in C57BL/6 mice.

Alterations in the programming of energy metabolism in adolescents with background exposure to dioxins, dl-PCBs and PBDEs.

Benzene exposure is associated with cardiovascular disease risk.

Acute toxicity of commercial atrazine in *Piaractus mesopotamicus*: Histopathological, ultrastructural, molecular, and genotoxic evaluation.

Inhibition of ALDH2 expression aggravates renal injury in a rat sepsis syndrome model.

Gender-specific association of exposure to non-dioxin-like polychlorinated biphenyls during pregnancy with methylation levels of H19 and long interspersed nuclear element-1 in cord blood in the Hokkaido study.

Incidence and pathological study of *Explanatum explanatum* (Creplin, 1847) Fukui, 1929 in goats in Andhra Pradesh, India.

Haemoglobin site-specifically modified with ferulic acid to suppress the autoxidation.

Ifosfamide-Induced Malignancy of Ureter and Bladder.

Deficiency of long isoforms of Nfe2l1 sensitizes MIN6 pancreatic β^2 cells to arsenite-induced cytotoxicity.

Mixture toxicity of four commonly used pesticides at different effect levels to the epigeic earthworm, *Eisenia fetida*.

Hair analysis for the biomonitoring of pesticide exposure: comparison with blood and urine in a rat model.

Accumulation of Arsenic Speciation and In Vivo Toxicity Following Oral Administration of a Chinese Patent Medicine Xiao-Er-Zhi-Bao-Wan in Rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-elicited effects on bile acid homeostasis: Alterations in biosynthesis, enterohepatic circulation, and microbial metabolism.

The Association of Combined GSTM1 and CYP2C9 Genotype Status with the Occurrence of Hemorrhagic Cystitis in Pediatric Patients Receiving Myeloablative Conditioning Regimen Prior to Allogeneic Hematopoietic Stem Cell Transplantation.

Predictive values of urine paraquat concentration, dose of poison, arterial blood lactate and APACHE II score in the prognosis of patients with acute paraquat poisoning.

Imperatorin is Transported through Blood-Brain Barrier by Carrier-Mediated Transporters.

Mitochondrial activity and oxidative stress functions are influenced by the activation of AhR-induced CYP1A1 overexpression in cardiomyocytes.

Potential role of heme metabolism in the inducible expression of heme oxygenase-1.

Dermal absorption of fumigant gases during HAZMAT incident exposure scenarios-Methyl bromide, sulfuranyl fluoride, and chloropicrin.

Roselle Polyphenols Exert Potent Negative Inotropic Effects via Modulation of Intracellular Calcium Regulatory Channels in Isolated Rat Heart.

Enhanced electrogenerated chemiluminescence behavior of C(3)N(4) QDs@ C(3)N(4) nanosheet and its signal-on aptasensing for platelet derived growth factor.

Time dependent transition of the levels of protein-conjugated acrolein (PC-Acro), IL-6 and CRP in plasma during stroke.

Evaluation of vascular effect of arsenic using in vivo assays.

Mechanistic insight into the effects of Aryl Hydrocarbon Receptor activation on osteogenic differentiation.

Exposure to endocrine disruptors during adulthood: consequences for female fertility.

A useful way to develop effective in vivo skin optical clearing agents.

Protective effects and functional mechanisms of *Lactobacillus gasseri* SBT2055 against oxidative stress.

Synergistic toxicity and physiological impact of imidacloprid alone and binary mixtures with seven representative pesticides on honey bee (*Apis mellifera*).

Sodium meta-arsenite induced reactive oxygen species in human red blood cells: impaired antioxidant and membrane redox systems, haemoglobin oxidation, and morphological changes.

Current pesticide profiles in blood serum of adults in Jiangsu Province of China and a comparison with other countries.

Fumarate Copolymer-Chitosan Cross-Linked Scaffold Directed to Osteochondrogenic Tissue Engineering.

Ingestion of Bt rice pollen does not reduce the survival or hypopharyngeal gland development of *Apis mellifera* adults.

Diet-induced obesity alters dural CGRP release and potentiates TRPA1-mediated trigeminovascular responses.

Mechanisms of Iron Uptake from Ferric Phosphate Nanoparticles in Human Intestinal Caco-2 Cells.

Subchronic Arsenic Exposure Through Drinking Water Alters Lipid Profile and Electrolyte Status in Rats.

Carnosine Attenuates the Development of both Type 2 Diabetes and Diabetic Nephropathy in BTBR ob/ob Mice.

Mitochondrial damage elicits a TCDD-inducible poly(ADP-ribose) polymerase-mediated antiviral response.

An experimental study of postmortem decomposition of methomyl in blood.

The association of peripubertal serum concentrations of organochlorine chemicals and blood lead with growth and pubertal development in a longitudinal cohort of boys: a review of published results from the Russian Children's Study.

Characterization of E-NTPDase (EC 3.6.1.5) activity in hepatic lymphocytes: A different activity profile from peripheral lymphocytes.

Aryl hydrocarbon receptor activation by 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs human B lymphopoiesis.

Development of Rapid and Economical Colorimetric Screening Method for p-Phenylenediamine in Variety of Biological Matrices and its Application to Eleven Fatal Cases of p-Phenylenediamine Poisoning.

The French human biomonitoring program: First lessons from the perinatal component and future needs.

Biomarker Levels of Toxic Metals among Asian Populations in the United States: NHANES 2011-2012.

Absence of genotoxic effects of the chalcone (E)-1-(2-hydroxyphenyl)-3-(4-methylphenyl)-prop-2-en-1-one) and its potential chemoprevention against DNA damage using in vitro and in vivo assays.

Pharmacodynamics of S-dimethylarsino-glutathione, a putative metabolic intermediate of inorganic arsenic, in mice.

Toxicity studies of o-chloropyridine administered dermally and in drinking water to F344/N rats and B6C3F1/N mice.

Golden Hours in Severe Paraquat Poisoning-The Role of Early Haemoperfusion Therapy.

Arsenic levels among pregnant women and newborns in Canada: Results from the Maternal-Infant Research on Environmental Chemicals (MIREC) cohort.

Comparison of different advanced treatment processes in removing endocrine disruption effects from municipal wastewater secondary effluent.

Review of Advances in Uroprotective Agents for Cyclophosphamide- and Ifosfamide-induced Hemorrhagic Cystitis.

Beta-Glucans Supplementation Associates with Reduction in P-Cresyl Sulfate Levels and Improved Endothelial Vascular Reactivity in Healthy Individuals.

Plant regeneration from embryogenic callus derived from shoot apices and production of transgenic plants by particle inflow gun in dwarf napier grass (*Pennisetum purpureum* Schumach.).

Eryptosis - the Neglected Cause of Anemia in End Stage Renal Disease.

Comparison of the Effects of Iron Oxide, as a New Form of Iron Supplement, and Ferrous Sulfate on the Blood Levels of Iron and Total Iron-Binding Globulin in the Rabbit.

Benefits of Alcohol on Arsenic Toxicity in Rats.

Methanol Extract of *Adansonia digitata* Leaf Protects Against Sodium Arsenite-induced Toxicities in Male Wistar Rats.

Hemoglobins Likely Function as Peroxidase in Blood Clam *Tegillarca granosa* Hemocytes.

The adjuvant use of calcium fructoborate and borax with etanercept in patients with rheumatoid arthritis: Pilot study.

Hepatoprotective and antioxidant effects of dietary Glycyrrhiza polysaccharide against TCDD-induced hepatic injury and RT-PCR quantification of AHR2, ARNT2, CYP1A mRNA in Jian Carp (*Cyprinus carpio* var. Jian).

Occupational exposure to PCDDs, PCDFs, and DL-PCBs in metallurgical plants of the Brescia (Lombardy Region, northern Italy) area.

Cytotoxicity study of benzo[a]pyrene on blood cells of Wistar rat in vitro.

[Dose-effect relationship between vitamin C and paraquat poisoning rats].

Histone deacetylase inhibitors mediate DNA damage repair in ameliorating hemorrhagic cystitis.

The sublethal effects of (2,4-Dichlorophenoxy) acetic acid (2,4-D) on narrow-clawed crayfish (*Astacus leptodactylus* Eschscholtz, 1823).

Carvedilol attenuates paraquat-induced lung injury by inhibition of proinflammatory cytokines, chemokine MCP-1, NF- κ B activation and oxidative stress mediators.

Genotoxic and cytotoxic effects of flumetralin in human peripheral blood lymphocytes in vitro.

Paraquat intoxication and associated pathological findings in three dogs in South Africa.

Prognostic value of hematological parameters in patients with paraquat poisoning.

Herbicide Exposure, Vietnam Service, and Hypertension Risk in Army Chemical Corps Veterans.

The transcription factor, Nuclear factor, erythroid 2 (Nfe2), is a regulator of the oxidative stress response during *Danio rerio* development.

Metabolomics as read-across tool: A case study with phenoxy herbicides.

Methemoglobin measurements are underestimated by the Radical 7 co-oximeter: experience from a series of moderate to severe propanil poisonings.

Effect of atrazine on immunocompetence of red-eared slider turtle (*Trachemys scripta*).

Fresh water fish, *Channa punctatus*, as a model for pendimethalin genotoxicity testing: A new approach toward aquatic environmental contaminants.

Salvianolic acid B protects against paraquat-induced pulmonary injury by mediating Nrf2/Nox4 redox balance and TGF- β 1/Smad3 signaling.

Health effect of agricultural pesticide use in China: implications for the development of GM crops.

Effects of terbutylazine-desethyl, a terbutylazine degradation product, on red swamp crayfish (*Procambarus clarkii*).

Acute Acrolein Exposure Induces Impairment of Vocal Fold Epithelial Barrier Function.

Mechanism-specific injury biomarkers predict nephrotoxicity early following glyphosate surfactant herbicide (GPSH) poisoning.

Atrazine in public water supplies and risk of ovarian cancer among postmenopausal women in the Iowa Women's Health Study.

Genotoxic effect of a binary mixture of dicamba- and glyphosate-based commercial herbicide formulations on *Rhinella arenarum* (Hensel, 1867) (Anura, Bufonidae) late-stage larvae.

Poly-ADP-ribose polymerase inhibition provides protection against lung injury in a rat paraquat toxicity model.

High-Concentration L-Menthol Exhibits Counter-Irritancy to Neurogenic Inflammation, Thermal and Mechanical Hyperalgesia Caused by Trans-cinnamaldehyde.

The Protective Role of Thiourea on *Leuciscus cephalus* Exposed to Sublethal Doses of Pendigan 330EC (Pendimethalin) Herbicide.

A bedside test for methaemoglobinemia improved antidote use in propanil poisoning.

Lycopene ameliorates atrazine-induced oxidative damage in adrenal cortex of male rats by activation of the Nrf2/HO-1 pathway.

Potential subchronic food safety of the stacked trait transgenic maize GH5112E-117C in Sprague-Dawley rats.

Determination of glyphosate and its metabolite in emergency room in Korea.

[Clinical effect of compound monoammonium glycyrrhizinate combined with dandelion in treatment of acute paraquat poisoning].

[Risk factors for pulmonary fibrosis in patients with paraquat poisoning].

[An analysis of the clinical and epidemiological characteristics of acute poisoning patients in a general hospital].

Prognosis and survival analysis of paraquat poisoned patients based on improved HPLC-UV method.

Evaluation of the effect of 2,4-dichlorophenol on oxidative parameters and viability of human blood mononuclear cells (in vitro).

Glyphosate and adverse pregnancy outcomes, a systematic review of observational studies.

Effect of glyphosate on reproductive organs in male rat.

Genotoxicity induced by Roundup® (Glyphosate) in tegu lizard (*Salvator merianae*) embryos.

Toxic and genotoxic effects of the 2,4-dichlorophenoxyacetic acid (2,4-D)-based herbicide on the Neotropical fish *Cnesterodon decemmaculatus*.

Imazapyr+imazapic herbicide determines acute toxicity in silver catfish *Rhamdia quelen*.

The metabolite 3,4,3',4'-tetrachloroazobenzene (TCAB) exerts a higher ecotoxicity than the parent compounds 3,4-dichloroaniline (3,4-DCA) and propanil.

Effects of glyphosate on hepatic tissue evaluating melanomacrophages and erythrocytes responses in neotropical anuran *Leptodactylus latinasus*.

Multifactorial theory applied to the neurotoxicity of paraquat and paraquat-induced mechanisms of developing Parkinson's disease.

Intravenous lipid emulsion in treatment of cardiocirculatory disturbances caused by glyphosate-surfactant herbicide poisoning.

Acute paraquat exposure determines dose-dependent oxidative injury of multiple organs and metabolic dysfunction in rats: impact on exercise tolerance.

Lycopene protects against atrazine-induced hepatotoxicity through modifications of cytochrome P450 enzyme system in microsomes.

Influence of dioxin exposure upon levels of prostate-specific antigen and steroid hormones in Vietnamese men.

Unfractionated bone marrow cells attenuate paraquat-induced glomerular injury and acute renal failure by modulating the inflammatory response.

Cytotoxicity of Thirdhand Smoke and Identification of Acrolein as a Volatile Thirdhand Smoke Chemical That Inhibits Cell Proliferation.

Mechanism of Developmental Effects in Rats Caused by an N-Phenylimide Herbicide: Transient Fetal Anemia and Sequelae during Mid-to-Late Gestation.

Rat and poultry feeding studies with soybean meal produced from imidazolinone-tolerant (CV127) soybeans.

Common and distinct mechanisms of induced pulmonary fibrosis by particulate and soluble chemical fibrogenic agents.

Toxicological effects of pet food ingredients on canine bone marrow-derived mesenchymal stem cells and enterocyte-like cells.

Immunotoxicity of commercial-mixed glyphosate in broad snouted caiman (*Caiman latirostris*).

Multiple biomarker responses in *Prochilodus lineatus* subjected to short-term in situ exposure to streams from agricultural areas in Southern Brazil.

Radix puerariae extracts ameliorate paraquat-induced pulmonary fibrosis by attenuating follistatin-like 1 and nuclear factor erythroid 2p45-related factor-2 signalling pathways through downregulation of miRNA-21 expression.

Early Stage Blood Purification for Paraquat Poisoning: A Multicenter Retrospective Study.

Systematic review and meta-analysis of glyphosate exposure and risk of lymphohematopoietic cancers.

[The protective effect of bone marrow mesenchymal stem cells carrying antioxidant gene superoxide dismutase on paraquat lung injury in mice].

Paraquat induce pulmonary epithelial-mesenchymal transition through transforming growth factor- β 1-dependent mechanism.

Assessing the potential for intrinsic recovery in a Collembola two-generation study: possible implementation in a tiered soil risk assessment approach for plant protection products.

Suspected poisoning of domestic animals by pesticides.

Comparative toxicity of Paraquat herbicide and some plant extracts in *Lymnaea natalensis* snails.

Transient receptor potential ankyrin 1 agonists improve intestinal transit in a murine model of postoperative ileus.

Novel broad-spectrum and long-acting parenteral cephalosporins having an acyl cyanamide moiety at the C-3 terminal: Synthesis and structure-activity relationships.

A neoflavonoid dalsissoal isolated from heartwood of *Dalbergia sissoo* Roxb. has bone forming effects in mice model for osteoporosis.

Trans-cinnamaldehyde protected PC12 cells against oxygen and glucose deprivation/reperfusion (OGD/R)-induced injury via anti-apoptosis and anti-oxidative stress.

Cinnamaldehyde derivatives inhibit degranulation and inflammatory mediator production in rat basophilic leukemia cells.

Trans-Cinnamaldehyde, An Essential Oil in Cinnamon Powder, Ameliorates Cerebral Ischemia-Induced Brain Injury via Inhibition of Neuroinflammation Through Attenuation of iNOS, COX-2 Expression and NF- κ -B Signaling Pathway.

Reversal of diabetes-induced behavioral and neurochemical deficits by cinnamaldehyde.

Derivatization Strategy for the Comprehensive Characterization of Endogenous Fatty Aldehydes Using HPLC-Multiple Reaction Monitoring.

Albumin Cys34 adducted by acrolein as a marker of oxidative stress in ischemia-reperfusion injury during hepatectomy.

Membrane lipid peroxidation in neurodegeneration: Role of thrombin and proteinase-activated receptor-1.

Simultaneous Determination and Quantitation of Paraquat, Diquat, Glufosinate and Glyphosate in Postmortem Blood and Urine by LC-MS-MS.

Roles of catalase and glutathione peroxidase in the tolerance of a pulmonate gastropod to anoxia and reoxygenation.

Arsenic Metabolism in Children Differs From That in Adults.

Cinnamaldehydes in Cancer Chemotherapy.

Aggravation of brain infarction through an increase in acrolein production and a decrease in glutathione with aging.

Inhibition of para-Hydroxyphenylpyruvate Dioxygenase by Analogues of the Herbicide Nitrofen As a Strategy to Decrease Homogentisic Acid Levels, the Causative Agent of Alkaptonuria.

HIF-1 α regulates EMT via the Snail and β -catenin pathways in paraquat poisoning-induced early pulmonary fibrosis.

Impact of 3-Amino-1,2,4-Triazole (3-AT)-Derived Increase in Hydrogen Peroxide Levels on Inflammation and Metabolism in Human Differentiated Adipocytes.

[The effect of antioxidants on in vivo and in vitro methemoglobin formation in erythrocytes of patients with Parkinson's disease].

Structural and biochemical abnormalities in the absence of acute deficits in mild primary blast-induced head trauma.

Resveratrol protects mice from paraquat-induced lung injury: The important role of SIRT1 and NRF2 antioxidant pathways.

Exceptions in patterns of arsenic compounds in urine of acute promyelocytic leukaemia patients treated with As₂O₃.

Novel Role of Endogenous Catalase in Macrophage Polarization in Adipose Tissue.

Toxic acrolein production due to Ca²⁺ influx by the NMDA receptor during stroke.

[Effect of heme oxygenase-1 transduced by cell penetrating peptide PEP-1 on renal injury in rats with acute paraquat poisoning].

Is there a relationship between tea intake and maternal whole blood heavy metal concentrations?

Study of allelopathic effects of Eucalyptus erythrocorys L. crude extracts against germination and seedling growth of weeds and wheat.

TRPA1 activation leads to neurogenic vasodilatation: involvement of reactive oxygen nitrogen species in addition to CGRP and NO.

Engineering Enriched Microenvironments with Gradients of Platelet Lysate in Hydrogel Fibers.

The Impact of Glyphosate, Its Metabolites and Impurities on Viability, ATP Level and Morphological changes in Human Peripheral Blood Mononuclear Cells.

Assessment of tick antioxidant responses to exogenous oxidative stressors and insight into the role of catalase in the reproductive fitness of the Gulf Coast tick, *Amblyomma maculatum*.

Effects of TRP channel agonist ingestion on metabolism and autonomic nervous system in a randomized clinical trial of healthy subjects.

Cytoprotective Effect of Makgeolli Lees on Paraquat Induced Oxidative Stress in A549 Cells via Activation of NRF2 and Antioxidant Genes.

Serum concentrations of chlorinated dibenzo-p-dioxins, furans and PCBs, among former phenoxy herbicide production workers and firefighters in New Zealand.

Anti-oxidative and anti-inflammatory effects of cinnamaldehyde on protecting high glucose-induced damage in cultured dorsal root ganglion neurons of rats.

Candesartan ameliorates arsenic-induced hypertensive vascular remodeling by regularizing angiotensin II and TGF-beta signaling in rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) role in hematopoiesis and in hematologic diseases: A critical review.

A characteristic biosignature for discrimination of gastric cancer from healthy population by high throughput GC-MS analysis.

Disseminated tungiasis in a 78-year-old woman from Tanzania: a case report.

Semilobar holoprosencephaly in a 12-month-old baby boy born to a primigravida patient with type 1 diabetes mellitus: a case report.

The Role of Mitochondrial Aldehyde Dehydrogenase 2 (ALDH2) in Neuropathology and Neurodegeneration.

Estrogen receptor- α and aryl hydrocarbon receptor involvement in the actions of botanical estrogens in target cells.

Early Changes of Peripheral Blood Lymphocyte Subpopulations in Patients with Occupational 2,4-dinitrophenol Poisoning.

Mortality risk among workers with exposure to dioxins.

Protein-bound toxins: has the Cinderella of uraemic toxins turned into a princess?

Inhibitory effects of norlignans isolated from *Anemarrhena asphodeloides* on degranulation of rat basophilic leukemia- α 3 cells.

Pomegranate protects against arsenic-induced p53-dependent ROS-mediated inflammation and apoptosis in liver cells.

From the Cover: Coagulation-Driven Hepatic Fibrosis Requires Protease Activated Receptor-1 (PAR-1) in a Mouse Model of TCDD-Elicited Steatohepatitis.

Association between dioxin and cancer incidence and mortality: a meta-analysis.

Oral Toxicity of 2,4-Dinitroanisole in Rats.

Effects of wheat-flour biscuits fortified with iron and EDTA, alone and in combination, on blood lead concentration, iron status, and cognition in children: a double-blind randomized controlled trial.

Passive exposure to agricultural pesticides and risk of childhood leukemia in an Italian community.

Phase I and pharmacokinetic evaluation of the anti-telomerase agent KML-001 with cisplatin in advanced solid tumors.

Pesticide exposure and thyroid function in an agricultural population in Brazil.

Can Iron Treatments Aggravate Epistaxis in Some Patients With Hereditary Hemorrhagic Telangiectasia?

Electrophoretic stacking for sensitive determination of antibiotic ceftazidime in human blood and microdialysates from diabetic foot.

Combination screening in vitro identifies synergistically acting KP372-1 and cytarabine against acute myeloid leukemia.

Carbamylated Low-Density Lipoproteins Induce a Prothrombotic State Via LOX-1: Impact on Arterial Thrombus Formation In Vivo.

Effect and safety of Shengxuening (extract from excrement of bombyxin) for renal anemia: a systematic review.

Pseudomelanosis duodeni: is there a common denominator?

Atorvastatin attenuates cresyl sulfate-induced atherogenesis and plaque instability in ApoE knockout mice.

Efficacy and safety of adjuvant recombinant human erythropoietin and ferrous sulfate as treatment for iron deficiency anemia during the third trimester of pregnancy.

The effects of fat loss after bariatric surgery on inflammation, serum hepcidin, and iron absorption: a prospective 6-mo iron stable isotope study.

Preconditioning of mesenchymal stem cells with 2,4-dinitrophenol improves cardiac function in infarcted rats.

Arsenite inhibits the function of CD133(+) CD13(+) liver cancer stem cells by reducing PML and Oct4 protein expression.

Hypoxic Preconditioning Improves the Therapeutic Potential of Aging Bone Marrow Mesenchymal Stem Cells in Streptozotocin-Induced Type-1 Diabetic Mice.

Relationship of polychlorinated biphenyls (PCBs) with parasitism, iron homeostasis, and other health outcomes: Results from a cross-sectional study on recently arrived African immigrants.

Medical histories.

Common Bean Leaves as a Source of Dietary Iron: Functional Test in an Iron-Deficient Rat Model.

Osler-Weber-Rendu syndrome.

Red light of the visual spectrum attenuates cell death in culture and retinal ganglion cell death in situ.

Enhanced Pulmonary Vascular and Alveolar Development via Prenatal Administration of a Slow-Release Synthetic Prostacyclin Agonist in Rat Fetal Lung Hypoplasia.

Could the erythrocyte indices or serum ferritin predict the therapeutic response to a trial with oral iron during pregnancy? Results from the Accuracy study for Maternal Anaemia diagnosis (AMA).

Fowler's Solution and the Evolution of the Use of Arsenic in Modern Medicine.

A bedside test for methemoglobinemia, Sri Lanka.

Heme Iron Concentrate and Iron Sulfate Added to Chocolate Biscuits: Effects on Hematological Indices of Mexican Schoolchildren.

TCDD modulation of gut microbiome correlated with liver and immune toxicity in streptozotocin (STZ)-induced hyperglycemic mice.

Protective effect of prostacyclin against pre-cardiac edema caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin and a thromboxane receptor agonist in developing zebrafish.

Endometrial expression and in vitro modulation of the iron transporter divalent metal transporter-1: implications for endometriosis.

Comparison of the Efficacies of Parenteral Iron Sucrose and Oral Iron Sulfate for Anemic Patients with Inflammatory Bowel Disease in Korea.

Effects of Fe-YM1504 on iron deficiency anemia in rats.

METABOLIC DYSBIOSIS OF THE GUT MICROBIOTA AND ITS BIOMARKERS.

Previously Unclassified Mutation of mtDNA m.3472T>C: Evidence of Pathogenicity in Leber's Hereditary Optic Neuropathy.

[Acute poisoning by pesticides in children].

Endocrine-disrupting chemicals, risk of type 2 diabetes, and diabetes-related metabolic traits: A systematic review and meta-analysis.

Tracheal occlusion and ventilation changes the nitric oxide pathway in congenital diaphragmatic hernia model.

Is selective prenatal iron prophylaxis better than routine prophylaxis: final results of a trial (PROFEG) in Maputo, Mozambique.

Effect of colestimide on the concentrations of polychlorinated dibenzo-p-dioxins, polychlorinated dioxofurans, and polychlorinated biphenyls in blood of Yusho patients.

Associations among chronic kidney disease, high total p-cresylsulfate and left ventricular systolic dysfunction.

Combined antenatal therapy with retinoic acid and tracheal occlusion in a rat model of congenital diaphragmatic hernia.

Association of dioxins, furans and dioxin-like PCBs in human blood with nephropathy among US teens and young adults.

The effect of ferrous-chelating hairtail peptides on iron deficiency and intestinal flora in rats.

Definite hereditary hemorrhagic telangiectasia in a 60-year-old black Kenyan woman: a case report.

Embryo Microinjection of Selenomethionine Reduces Hatchability and Modifies Oxidant Responsive Gene Expression in Zebrafish.

[Clinical value of serum presepsin (SCD14-ST) concentration measurement in patients with pesticide poisoning].

The effect of a vegetarian versus conventional hypocaloric diet on serum concentrations of persistent organic pollutants in patients with type 2 diabetes.

Resistant starch alters gut microbiome and metabolomic profiles concurrent with amelioration of chronic kidney disease in rats.

Ah receptor expression in cardiomyocytes protects adult female mice from heart dysfunction induced by TCDD exposure.

Repurposing an orally available drug for the treatment of geographic atrophy.

Effective Valsalva maneuvering during TCCD and unrevealed etiology of RLS.

A Randomized Noninferiority Trial of Intravenous Iron Isomaltoside versus Oral Iron Sulfate in Patients with Nonmyeloid Malignancies and Anemia Receiving Chemotherapy: The PROFOUND Trial.

Antimicrobial films obtained from latex particles functionalized with quaternized block copolymers.

SCO₂ Mediates Oxidative Stress-Induced Glycolysis to Oxidative Phosphorylation Switch in Hematopoietic Stem Cells.

Association between Blood Dioxin Level and Chronic Kidney Disease in an Endemic Area of Exposure.

TCDD-Induced Activation of Aryl Hydrocarbon Receptor Inhibits Th17 Polarization and Regulates Non-Eosinophilic Airway Inflammation in Asthma.

Effects of Dang-Gui-Bu-Xue-Tang, an herbal decoction, on iron uptake in iron-deficient anemia.

Iron Treatment Strategies in Nondialysis CKD.

Evaluation of Safety of Iron-Fortified Soybean Sprouts, a Potential Component of Functional Food, in Rat.

Effects of in Utero Exposure to Arsenic during the Second Half of Gestation on Reproductive End Points and Metabolic Parameters in Female CD-1 Mice.

5-Aminolevulinic acid combined with ferrous iron ameliorate ischemia-reperfusion injury in the mouse fatty liver model.

[Not Available].

Sulforaphane exerts its anti-inflammatory effect against amyloid- β^2 peptide via STAT-1 dephosphorylation and activation of Nrf2/HO-1 cascade in human THP-1 macrophages.

Hemocompatibility evaluation for peptide fragments of human serum albumin cleaved by cyanogens bromide.

Effects of a Tripeptide Iron on Iron-Deficiency Anemia in Rats.

Cottonseed Oil in Diets for Broilers in the Pre-Starter and Starter Phases.

A procoagulant chemically sulfated mannan.

Activation of ALDH2 with Low Concentration of Ethanol Attenuates Myocardial Ischemia/Reperfusion Injury in Diabetes Rat Model.

Management and Treatment of Human Lice.

Increased Levels of Total p-Cresylsulfate Are Associated with Pruritus in Patients with Chronic Kidney Disease.

Antipyretic and antimalarial activities of *Solenostemon monostachyus*.

How we diagnose and treat iron deficiency anemia.

PCB126-Induced Disruption in Gluconeogenesis and Fatty Acid Oxidation Precedes Fatty Liver in Male Rats.

Micronucleus frequency in Danish schoolchildren and their mothers from the DEMOCOPHES population.

Protective Effects of Combined Selenium and *Punica granatum* Treatment on Some Inflammatory and Oxidative Stress Markers in Arsenic-Induced Hepatotoxicity in Rats.

Lactoferrin versus ferrous sulphate for the treatment of iron deficiency anemia during pregnancy: a randomized clinical trial.

Pharmacokinetics of Ferrous Sulphate (Tardyferon[®]) after Single Oral Dose Administration in Women with Iron Deficiency Anaemia.

Olive oil and its phenolic compounds (hydroxytyrosol and tyrosol) ameliorated TCDD-induced hepatotoxicity in rats via inhibition of oxidative stress and apoptosis.

Oxidative stress-related liver dysfunction by sodium arsenite: Alleviation by *Pistacia lentiscus* oil.

Influence of LED light spectra on in vitro somatic embryogenesis and LC-MS analysis of chlorogenic acid and rutin in *Peucedanum japonicum* Thunb.: a medicinal herb.

Low-Chlorinated Non-Dioxin-like Polychlorinated Biphenyls Present in Blood and Breast Milk Induce Higher Levels of Reactive Oxygen Species in Neutrophil Granulocytes than High-Chlorinated Congeners.

Differences in the clinical manifestations and short-term prognosis of acute cerebral infarction after exposure to Agent Orange.

Activation of Nrf2-ARE signaling mitigates cyclophosphamide-induced myelosuppression.

Relative effect potency estimates of dioxin-like activity for dioxins, furans, and dioxin-like PCBs in adults based on cytochrome P450 1A1 and 1B1 gene expression in blood.

TRIB3 increases cell resistance to arsenite toxicity by limiting the expression of the glutathione-degrading enzyme CHAC1.

Dietary Omega-3 Polyunsaturated Fatty Acids Prevent Vascular Dysfunction and Attenuate Cytochrome P4501A1 Expression by 2,3,7,8-Tetrachlorodibenzo-P-Dioxin.

Dietary Route of Exposure for Rabbit Developmental Toxicity Studies.

The Effects of Nanoparticles Containing Iron on Blood and Inflammatory Markers in Comparison to Ferrous Sulfate in Anemic Rats.

Dialysis catheter-related pulmonary embolism in a patient with paraquat intoxication.

Simultaneous analysis of neutral monosaccharides, fatty acids and cholesterol as biomarkers from a drop of blood.

Fitness costs of herbicide resistance across natural populations of the common morning glory, *Ipomoea purpurea*.

Formyl peptide receptor modulators: a patent review and potential applications for inflammatory diseases (2012-2015).

Cigarette smoking behaviour and blood metabolomics.

[Effects of chronic exposure to monochloroacetic acid on the lung function and lymphocyte subsets in occupational exposed workers].

Diminished Phosphorylation of CREB Is a Key Event in the Dysregulation of Gluconeogenesis and Glycogenolysis in PCB126 Hepatotoxicity.

Vam3, a Compound Derived from *Vitis amurensis* Rupr., Attenuated Colitis-Related Tumorigenesis by Inhibiting NF- κ B Signaling Pathway.

Change in decay rates of dioxin-like compounds in Yusho patients.

Preparation and Bioavailability Analysis of Ferrous Bis Alanine Chelate as a New Micronutrient for Treatment of Iron Deficiency Anemia.

Specific carotenoid pigments in the diet and a bit of oxidative stress in the recipe for producing red carotenoid-based signals.

Arsenite suppresses angiogenesis of vascular endothelial cells mediated by Platelet Derived Growth Factor Receptor-beta.

A resurrection experiment finds evidence of both reduced genetic diversity and potential adaptive evolution in the agricultural weed *Ipomoea purpurea*.

Perinatal exposure to dioxins and dioxin-like compounds and infant growth and body mass index at seven years: A pooled analysis of three European birth cohorts.

Plasma metabolomics study on toxicity biomarker in rats treated with *Euphorbia fischeriana* based on LC-MS.

Exposure to Inorganic Arsenic Is Associated with Increased Mitochondrial DNA Copy Number and Longer Telomere Length in Peripheral Blood.

Tyrosine Detoxification Is an Essential Trait in the Life History of Blood-Feeding Arthropods.

Sulforaphane protects against acrolein-induced oxidative stress and inflammatory responses: modulation of Nrf-2 and COX-2 expression.

Toxicity of 3,5,6-trichloro-2-pyridinol tested at multiple stages of zebrafish (*Danio rerio*) development.

Optical coherence tomography angiography offers comprehensive evaluation of skin optical clearing in vivo by quantifying optical properties and blood flow imaging simultaneously.

On the Utility of ToxCast[®], ToxPi as Methods for Identifying New Obesogens.

Acute Copper and Ascorbic Acid Supplementation Inhibits Non-heme Iron Absorption in Humans.

Multi-tissue metabolic responses of goldfish (*Carassius auratus*) exposed to glyphosate-based herbicide.

Influence of Thromboxane A₂ on the Regulation of Adenosine Triphosphate-Sensitive Potassium Channels in Mouse Ventricular Myocytes.

Evaluation of the Sebia Capillarys 3 Tera and the Bio-Rad D-100 Systems for the Measurement of Hemoglobin A_{1c}.

Boron influences immune and antioxidant responses by modulating hepatic superoxide dismutase activity under calcium deficit abiotic stress in Wistar rats.

Oleuropein ameliorates arsenic induced oxidative stress in mice.

Occurrence of chlorinated and brominated dioxins/furans, PCBs, and brominated flame retardants in blood of German adults.

A double-blind, randomized, and active-controlled phase III study of Herbiron drink in the treatment of iron-deficiency anemia in premenopausal females in Taiwan.

Evaluation of relative effect potencies (REPs) for dioxin-like compounds to derive systemic or human-specific TEFs to improve human risk assessment.

Evaluation of an extraction method for a mixture of endocrine disruptors in sediment using chemical and in vitro biological analyses.

Structural Modifications to Quaternary Ammonium Polymer Coagulants to Inhibit N-Nitrosamine Formation.

Toxicity studies of sodium thioglycolate administered dermally to F344/N rats and B6C3F₁/N mice.

Nanoallergens: A multivalent platform for studying and evaluating potency of allergen epitopes in cellular degranulation.

Evaluation of toxicological biomarkers in secreted proteins of HepG2 cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin and their expressions in the plasma of rats and incineration workers.

Evaluation of toxicity and genotoxicity of 2-chlorophenol on bacteria, fish and human cells.

Studies of Hematopoietic Cell Differentiation with a Ratiometric and Reversible Sensor of Mitochondrial Reactive Oxygen Species.

Effect of Acetyl-L-Carnitine on Antioxidant Status, Lipid Peroxidation, and Oxidative Damage of Arsenic in Rat.

Aortic smooth muscle cell alterations in mice systemically exposed to arsenic.

Highly Selective Fluorescence Determination of the Hematin Level in Human Erythrocytes with No Need for Separation from Bulk Hemoglobin.

Cis-vaccenic acid induces differentiation and up-regulates gamma globin synthesis in K562, JK1 and transgenic mice erythroid progenitor stem cells.

Rabbit syndrome after taking herbicide containing 2-(4-chloro-2-methylphenoxypropionic) acid.

The Effect of Noscipine on Oxygen-Glucose Deprivation on Primary Murine Cortical Neurons in High Glucose Condition.

High efficient somatic embryogenesis development from leaf cultures of *Citrullus colocynthis* (L.) Schrad for generating true type clones.

Treatment of Resistant Cyclophosphamide Induced Haemorrhagic Cystitis: Review of Literature and Three Case Reports.

Development of a cell line from the American eel brain expressing endothelial cell properties.

Short Chemical Ischemia Triggers Phosphorylation of eIF2 α and Death of SH-SY5Y Cells but not Proteasome Stress and Heat Shock Protein Response in both SH-SY5Y and T98G Cells.

Nanopharmaceutical Approach for Enhanced Anti-cancer Activity of Betulinic Acid in Lung-cancer Treatment via Activation of PARP: Interaction with DNA as a Target: -Anti-cancer Potential of Nano-betulinic Acid in Lung Cancer.

Acute Sodium Arsenite-Induced Hematological and Biochemical Changes in Wistar Rats: Protective Effects of Ethanol Extract of *Ageratum conyzoides*.

Attenuation of hepatotoxicity and oxidative stress in diabetes STZ-induced type 1 by biotin in Swiss albino mice.

2,3,7,8-TCDD-mediated toxicity in peripheral blood mononuclear cells is alleviated by the antioxidants present in *Gelidiella acerosa*: an in vitro study.

Arsenic and smokeless tobacco induce genotoxicity, sperm abnormality as well as oxidative stress in mice in vivo.

Non-dioxin-like Polychlorinated Biphenyls (PCBs) and Chlordecone Release from Adipose Tissue to Blood in Response to Body Fat Mobilization in Ewe (*Ovis aries*).

Redirection of metabolite biosynthesis from hydroxybenzoates to volatile terpenoids in green hairy roots of *Daucus carota*.

Is Routine Iron Supplementation Necessary in Pregnant Women With High Hemoglobin?

Evaluation of serum markers of blood redox homeostasis and inflammation in PCB naturally contaminated heifers undergoing decontamination.

Facile fabrication of an aptasensor for thrombin based on graphitic carbon nitride/TiO₂ with high visible-light photoelectrochemical activity.

Astaxanthin Inhibits Expression of Retinal Oxidative Stress and Inflammatory Mediators in Streptozotocin-Induced Diabetic Rats.

Arsenic induced hematological and biochemical responses in nutritionally important catfish *Clarias batrachus* (L.).

PAHs Target Hematopoietic Lineages in Bone Marrow through Cyp1b1 Primarily in Mesenchymal Stromal Cells but Not AhR: A Reconstituted In Vitro Model.

Synthesis, Cytotoxic Activity on Leukemia Cell Lines and Quantitative Structure-Activity Relationships (QSAR) Studies of Morita-Baylis-Hillman Adducts.

Evaluation and modeling of the impact of coexposures to VOC mixtures on urinary biomarkers.

Qualitative/Chemical Analyses of Ankaferd Hemostat and Its Antioxidant Content in Synthetic Gastric Fluids.

Toxicokinetics of paraquat in Korean patients with acute poisoning.

Severe Endobronchial Inflammation Induced by Aspiration of a Ferrous Sulfate Tablet.

The onset of lipid peroxidation in rheumatoid arthritis: consequences and monitoring.

Sensitivity of KATP channels to cellular metabolic disorders and the underlying structural basis.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the development and function of the blood-brain barrier.

Tick-borne encephalitis--lipid peroxidation and its consequences.

Assessment of the genotoxic potential along the Danube River by application of the comet assay on haemocytes of freshwater mussels: The Joint Danube Survey 3.

Cytotoxic and apoptotic effects of boron compounds on leukemia cell line.

Analysis of Moms Across America report suggesting bioaccumulation of glyphosate in U.S. mother's breast milk: Implausibility based on inconsistency with available body of glyphosate animal toxicokinetic, human biomonitoring, and physico-chemical data.

A Potential Role for Acrolein in Neutrophil-Mediated Chronic Inflammation.

Oral exposure of pubertal male mice to endocrine-disrupting chemicals alters fat metabolism in adult livers.

Bioaccumulation and neurotoxicity of dithiopyridine herbicide in the brain of freshwater fish, *Cyprinus carpio*.

Abnormal pancreatic enzymes and their prognostic role after acute paraquat poisoning.

[Analysis of risk factors for prognosis of patients with acute paraquat intoxication].

Continuous IV infusion of MESNA can prevent hemorrhagic cystitis in HSCT and retain MESNA concentration in urine.

Agent Orange Exposure and Monoclonal Gammopathy of Undetermined Significance: An Operation Ranch Hand Veteran Cohort Study.

Dual regulation of skin sensitizer-induced HMOX1 expression by Bach1 and Nrf2: Comparison to regulation of the AKR1C2-ARE element in the KeratinoSens cell line.

Environmentally Relevant Concentrations of Atrazine and Ametryn Induce Micronuclei Formation and Nuclear Abnormalities in Erythrocytes of Fish.

Sensitization of the trigeminovascular system following environmental irritant exposure.

[Intensive hemoperfusion and long-term hemofiltration for treatment of paraquat poisoning: a case report].

The Air Force Health Study Data and Specimens as a Resource for Researchers.

L-Glutamate Enhances Barrier and Antioxidative Functions in Intestinal Porcine Epithelial Cells.

Toxicological evaluation of ametryn effects in Wistar rats.

Molecular characterization of heat-shock protein 90 gene and its expression in *Gobiocypris rarus* juveniles exposed to pentachlorophenol.

Cardiotoxic Electrophysiological Effects of the Herbicide Roundup(®) in Rat and Rabbit Ventricular Myocardium In Vitro.

Kidney damage biomarkers detect acute kidney injury but only functional markers predict mortality after paraquat ingestion.

[Case of paraquat poisoning and diazepam poisoning inducing pulmonary embolism].

[The prevention and therapeutics effect of sodium bicarbonate with gastric lavage, atomization inhalation and intravenous injection on the patients with paraquat poisoning and pulmonary fibrosis induced by paraquat poisoning].

[Changes of CD(4)(+) Foxp3+ regulatory T cells and CD(4)(+)IL-17+T cells in acrolein exposure rats].

RETRACTED: Glyphosate herbicide induces genotoxic effect and physiological disturbances in *Bulinus truncatus* snails.

Toxic and genotoxic effects of the imazethapyr-based herbicide formulation Pivot H[®] on monteideo tree frog *Hypsiboas pulchellus* tadpoles (Anura, Hylidae).

Roundup[®] exposure promotes gills and liver impairments, DNA damage and inhibition of brain cholinergic activity in the Amazon teleost fish *Colossoma macropomum*.

Genotoxicity evaluation of the herbicide Garlon([®]) and its active ingredient (triclopyr) in fish (*Anguilla anguilla* L.) using the comet assay.

Transcriptome profile analysis reflects rat liver and kidney damage following chronic ultra-low dose Roundup exposure.

Acute eosinophilic pneumonia associated with glyphosate-surfactant exposure.

Hepatotoxicity of herbicide Sencor in goldfish may result from induction of mild oxidative stress.

Glyphosate and dicamba herbicide tank mixture effects on native plant and non-genetically engineered soybean seedlings.

Mercapturic Acids Derived from the Toxicants Acrolein and Crotonaldehyde in the Urine of Cigarette Smokers from Five Ethnic Groups with Differing Risks for Lung Cancer.

[Clinical significance of serum amylase and lipase in patients with acute paraquat poisoning].

Teratogenicity, genotoxicity and oxidative stress in zebrafish embryos (*Danio rerio*) co-exposed to arsenic and atrazine.

Glutathione S-transferase P protects against cyclophosphamide-induced cardiotoxicity in mice.

Effects of (Anti) Androgenic Endocrine Disruptors (DEHP and Butachlor) on Immunoglobulin M (IgM) and Leukocytes Counts of Male Rainbow Trout (*Oncorhynchus mykiss*).

Transcriptional profiling of the soil invertebrate *Folsomia candida* in pentachlorophenol-contaminated soil.

Soft tissue sarcoma, non-Hodgkin's lymphoma and chronic lymphocytic leukaemia in workers exposed to phenoxy herbicides: extended follow-up of a UK cohort.

Adiponectin attenuates lung fibroblasts activation and pulmonary fibrosis induced by paraquat.

[The study of kidney injury in rats with acute paraquat poisoning].

Toxicity of *Spide 480SL*[®] spray mixture formulation of glyphosate to aquatic organisms.

[The first aid effect of blood perfusion 3-2-1-1 program and its prognosis on paraquat poisoned patients].

[Expression of heme oxygenase-1 in lung tissue of paraquat poisoned mice and its significance].

[Inhibition of pulmonary nuclear factor- κ B and tumor necrosis factor- α expression by diallyl sulfide in rats with paraquat poisoning].

[Intensity of hemoperfusion in acute paraquat-poisoned patients and analysis of prognosis].

[Effect of rhubarb as the main composition of sequential treatment in patients with acute paraquat poisoning: a prospective clinical research].

An efficient machine learning approach for diagnosis of paraquat-poisoned patients.

Commercial formulation containing 2,4-D affects biochemical parameters and morphological indices of silver catfish exposed for 90 days.

Occupational exposure to pentachlorophenol causing lymphoma and hematopoietic malignancy for two generations.

Mechanisms underlying early rapid increases in creatinine in paraquat poisoning.

Polyphenol extract from *Phellinus igniarius* protects against acrolein toxicity in vitro and provides protection in a mouse stroke model.

The significance of serum uric acid level in humans with acute paraquat poisoning.

Acute toxicity and sublethal effects of the mixture glyphosate (Roundup Active) and Cosmo-Flux 411F to anuran embryos and tadpoles of four Colombian species.

[Clinical study on the treatment of acute paraquat poisoning with sequential whole gastric and bowel irrigation].

Review of genotoxicity biomonitoring studies of glyphosate-based formulations.

Effects of different tidal volume ventilation on paraquat-induced acute lung injury in piglets.

Early haemoperfusion with continuous venovenous haemofiltration improves survival of acute paraquat-poisoned patients.

The relation between oxidative stress, inflammation, and neopterin in the paraquat-induced lung toxicity.

Docosahexaenoic acid prevents paraquat-induced reactive oxygen species production in dopaminergic neurons via enhancement of glutathione homeostasis.

Drinking well water and occupational exposure to Herbicides is associated with chronic kidney disease, in Padavi-Sripura, Sri Lanka.

Clostridium tertium bacteremia in a patient with glyphosate ingestion.

Acute effects of acrolein in human volunteers during controlled exposure.

The Biomarkers of Exposure and Effect in Agriculture (BEEA) Study: Rationale, Design, Methods, and Participant Characteristics.

Hematological Alterations in Common Carp (*Cyprinus carpio* L.) Exposed to Herbicides: Pendimethalin and Ethofumesate Tested Separately and in Mixture.

[Observation on the best dose of methylprednisolone improving lung injury in swine with paraquat intoxication].

Clearance rate and BP-ANN model in paraquat poisoned patients treated with hemoperfusion.

Acrolein inhalation alters arterial blood gases and triggers carotid body-mediated cardiovascular responses in hypertensive rats.

Effect of titanium dioxide nanoparticles on the bioavailability, metabolism, and toxicity of pentachlorophenol in zebrafish larvae.

Cancer risks and long-term community-level exposure to pentachlorophenol in contaminated areas, China.

Cinnamaldehyde attenuates pressure overload-induced cardiac hypertrophy.

Compensatory role of the Nrf2-ARE pathway against paraquat toxicity: Relevance of 26S proteasome activity.

Cinnamaldehyde inhibits inflammation and brain damage in a mouse model of permanent cerebral ischaemia.

Methylated arsenic metabolites bind to PML protein but do not induce cellular differentiation and PML-RAR α protein degradation.

A human surrogate model of itch utilizing the TRPA1 agonist trans-cinnamaldehyde.

Superoxide enhances Ca²⁺ entry through L-type channels in the renal afferent arteriole.

Soluble Epoxide Hydrolase Deficiency or Inhibition Attenuates MPTP-Induced Parkinsonism.

Role of aldehyde dehydrogenase in hypoxic vasodilator effects of nitrite in rats and humans.

Endogenous hydrogen peroxide in the hypothalamic paraventricular nucleus regulates neurohormonal excitation in high salt-induced hypertension.

Rapamycin reverses paraquat-induced acute lung injury in a rat model through inhibition of NF κ B activation.

Continuous, low-dose oral exposure to sodium chlorate reduces fecal generic Escherichia coli in sheep feces without inducing clinical chlorate toxicosis.

[Therapeutic effects of gastric lavage with fuller earth combined with Qingyill catharsis in treatment of oral paraquat poisoning in rabbits].

[Preventive effects of 5-hydroxy-1-methylhydantoin on paraquat-induced nephrotoxicity in rat].

Coniferyl aldehyde reduces radiation damage through increased protein stability of heat shock transcriptional factor 1 by phosphorylation.

Cinnamic acid exerts anti-diabetic activity by improving glucose tolerance in vivo and by stimulating insulin secretion in vitro.

Natural antioxidant betanin protects rats from paraquat-induced acute lung injury interstitial pneumonia.

[Changes in mRNA expression of p53 and related downstream genes in peripheral blood lymphocytes in workers occupationally exposed to arsenic].

The ethanol metabolite acetaldehyde induces water and salt intake via two distinct pathways in the central nervous system of rats.

Renal function is associated with indicators of arsenic methylation capacity in Bangladeshi adults.

Simultaneous determination of cinnamaldehyde, cinnamic acid, and 2-methoxy cinnamic acid in rat whole blood after oral administration of volatile oil of *Cinnamoni Ramulus* by UHPLC-MS/MS: An application for a pharmacokinetic study.

Proinflammatory effect of trivalent arsenical species in a co-culture of Caco-2 cells and peripheral blood mononuclear cells.

Menthol attenuates respiratory irritation and elevates blood cotinine in cigarette smoke exposed mice.

A micro-QuEChERS method coupled to GC-MS for the quantification of pesticides in specific maternal and fetal tissues.

Contribution to the food products' analysis: A research and evaluation on the hemolytic effect of some pesticides used in Lebanon.

PKC in rat dorsal raphe nucleus plays a key role in sleep-wake regulation.

Identification of *Scedosporium boydii* catalase A1 gene, a reactive oxygen species detoxification factor highly expressed in response to oxidative stress and phagocytic cells.

Continuous activation of Nrf2 and its target antioxidant enzymes leads to arsenite-induced malignant transformation of human bronchial epithelial cells.

Compound- and sex-specific effects on programming of energy and immune homeostasis in adult C57BL/6JxFVB mice after perinatal TCDD and PCB 153.

Iron bioavailability in 8-24-month-old Thai children from a micronutrient-fortified quick-cooking rice containing ferric ammonium citrate or a mixture of ferrous sulphate and ferric sodium ethylenediaminetetraacetic acid.

Iron bioavailability from commercially available iron supplements.

Effects of co-exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin and polychlorinated biphenyls on nonalcoholic fatty liver disease in mice.

Disruption of Ah Receptor Signaling during Mouse Development Leads to Abnormal Cardiac Structure and Function in the Adult.

Green tea inhibited the elimination of nephro-cardiovascular toxins and deteriorated the renal function in rats with renal failure.

Design, Synthesis and in Vivo Evaluation of Novel Glycosylated Sulfonylureas as Antihyperglycemic Agents.

Development of a physiologically-based pharmacokinetic model of 2-phenoxyethanol and its metabolite phenoxyacetic acid in rats and humans to address toxicokinetic uncertainty in risk assessment.

Monitoring Changes in the Redox State of Myoglobin in Cardiomyocytes by Raman Spectroscopy Enables the Protective Effect of NO Donors to Be Evaluated.

Residential Exposure to Pesticide During Childhood and Childhood Cancers: A Meta-Analysis.

Iron Absorption from an Intrinsically Labeled Lentil Meal Is Low but Upregulated in Women with Poor Iron Status.

A randomized trial of intravenous and oral iron in chronic kidney disease.

Current skin symptoms of Yusho patients exposed to high levels of 2,3,4,7,8-pentachlorinated dibenzofuran and polychlorinated biphenyls in 1968.

Vitamin B12 and folate levels increase during treatment of iron deficiency anaemia in young adult woman.

Regulation of p53-targeting microRNAs by polycyclic aromatic hydrocarbons: Implications in the etiology of multiple myeloma.

Exploring Protein Binding of Uremic Toxins in Patients with Different Stages of Chronic Kidney Disease and during Hemodialysis.

Continuous Reduction of Protein-Bound Uraemic Toxins with Improved Oxidative Stress by Using the Oral Charcoal Adsorbent AST-120 in Haemodialysis Patients.

A Curcumin Derivative That Inhibits Vinyl Carbamate-Induced Lung Carcinogenesis via Activation of the Nrf2 Protective Response.

Protective effects of melatonin against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cardiac injury in rats.

Using Insulin Infusion Sets in CSII for Longer Than the Recommended Usage Time Leads to a High Risk for Adverse Events: Results From a Prospective Randomized Crossover Study.

p-Cresol and Cardiovascular Risk in Kidney Transplant Recipients.

Influence of dioxin on the daily variation of insulin sensitivity in mice.

Yusho and its latest findings-A review in studies conducted by the Yusho Group.

An unusual cause of fetomaternal distress at term: uterine vessel rupture in pregnancy.

Ablation of XP-V gene causes adipose tissue senescence and metabolic abnormalities.

Persistent reduced oxygen requirement following blood transfusion during recovery from hemorrhagic shock.

Evaluation of efficacy of resin hemoperfusion in patients with acute 2,4-dinitrophenol poisoning by dynamic monitoring of plasma toxin concentration.

Prenatal Iron Supplementation Reduces Maternal Anemia, Iron Deficiency, and Iron Deficiency Anemia in a Randomized Clinical Trial in Rural China, but Iron Deficiency Remains Widespread in Mothers and Neonates.

Medical interventions to reverse pulmonary hypoplasia in the animal model of congenital diaphragmatic hernia: A systematic review.

Fluorimetric screening assay for protein carbonyl evaluation in biological samples.

Arsenic causes aortic dysfunction and systemic hypertension in rats: Augmentation of angiotensin II signaling.

Pesticide Use and Relative Leukocyte Telomere Length in the Agricultural Health Study.

Left ventricular global longitudinal strain is associated with cardiovascular risk factors and arterial stiffness in chronic kidney disease.

Effect of correction of anemia on echocardiographic and clinical parameters in patients with aortic stenosis involving a three-cuspid aortic valve and normal left ventricular ejection fraction.

[Virulence genes and clinical features of Clostridium difficile-associated diarrhea in children].

Nitrite-mediated renal vasodilatation is increased during ischemic conditions via cGMP-independent signaling.

The Transcriptional Effects of PCB118 and PCB153 on the Liver, Adipose Tissue, Muscle and Colon of Mice: Highlighting of Glut4 and Lipin1 as Main Target Genes for PCB Induced Metabolic Disorders.

Arsenic-induced dyslipidemia in male albino rats: comparison between trivalent and pentavalent inorganic arsenic in drinking water.

The effect of environmental chemicals on the tumor microenvironment.

Increased expression of activated pSTAT3 and PIM-1 in the pulmonary vasculature of experimental congenital diaphragmatic hernia.

Arsenic exposure and prevalence of the varicella zoster virus in the United States: NHANES (2003-2004 and 2009-2010).

Serum aryl hydrocarbon receptor ligand activity is associated with insulin resistance and resulting type 2 diabetes.

Effect of tocopherol on biochemical blood parameters in pleuritis-induced rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Latest Findings of Yusho and Its Therapeutic Development].

[The Distribution of Dioxin Concentrations in the Blood of Yusho Patients].

Occupational health and safety for agricultural workers in Thailand: gaps and recommendations, with a focus on pesticide use.

Dioxin inhibition of swim bladder development in zebrafish: is it secondary to heart failure?

Anti-leukemic effect of sodium metaarsenite (KML001) in acute myeloid leukemia with breaking-down the resistance of cytosine arabinoside.

Management of iron deficiency anemia: a survey of pediatric hematology/oncology specialists.

Mild hypoxia in vivo regulates cardioprotective SUR2A: A role for Akt and LDH.

Clinical significance of C-reactive protein levels in predicting responsiveness to iron therapy in patients with inflammatory bowel disease and iron deficiency anemia.

Inhibitors of plasmodial serine hydroxymethyltransferase (SHMT): cocrystal structures of pyrazolopyrans with potent blood- and liver-stage activities.

Modulation of colon cancer by nutmeg.

Optimizing early child development for young children with non-anemic iron deficiency in the primary care practice setting (OptEC): study protocol for a randomized controlled trial.

The role of TMPRSS6 polymorphisms in iron deficiency anemia partially responsive to oral iron treatment.

Chronic cardiovascular disease-associated gene network analysis in human umbilical vein endothelial cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Adherence in a pragmatic randomized controlled trial on prophylactic iron supplementation during pregnancy in Maputo, Mozambique.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced hypertension: the beneficial effects of melatonin.

Nanogels based on alginic aldehyde and gelatin by inverse miniemulsion technique: synthesis and characterization.

Synthesis, QSAR and anticandidal evaluation of 1,2,3-triazoles derived from naturally bioactive scaffolds.

Associations between self-reported pest treatments and pesticide concentrations in carpet dust.

Estimated dietary dioxin exposure and breast cancer risk among women from the French E3N prospective cohort.

Controlled-release mitochondrial protonophore reverses diabetes and steatohepatitis in rats.

In Ivorian school-age children, infection with hookworm does not reduce dietary iron absorption or systemic iron utilization, whereas afebrile Plasmodium falciparum infection reduces iron absorption by half.

Developmental exposure to 2,3,7,8 tetrachlorodibenzo-p-dioxin attenuates later-life Notch1-mediated T cell development and leukemogenesis.

Effect of NaFeEDTA-fortified soy sauce on zinc absorption in children.

Is lymphocyte adenosine a diagnostic marker of clinical malignant hyperthermia? A pilot study.

Ferrous sulfate supplementation causes significant gastrointestinal side-effects in adults: a systematic review and meta-analysis.

Effects of sodium arsenite on the some laboratory signs and therapeutic role of thymoquinone in the rats.

Systematic review and meta-analysis: what is the evidence for oral iron supplementation in treating anaemia in elderly people?

The effect of folic acid supplementation with ferrous sulfate on the linear and ponderal growth of children aged 6-24 months: a randomized controlled trial.

Lineage-dependent effects of aryl hydrocarbon receptor agonists contribute to liver tumorigenesis.

Aryl hydrocarbon receptor SNP -130 C/T associates with dioxins susceptibility through regulating its receptor activity and downstream effectors including interleukin 24.

Shed syndecan-1 translocates to the nucleus of cells delivering growth factors and inhibiting histone acetylation: a novel mechanism of tumor-host cross-talk.

Solid lipid nanoparticles loaded with iron to overcome barriers for treatment of iron deficiency anemia.

Clinical and analytical problems of sodium azide poisonings as exemplified by a case of fatal suicidal poisoning.

Ferric maltol (ST10): a novel oral iron supplement for the treatment of iron deficiency anemia in inflammatory bowel disease.

[MODELING IN VITRO PATHWAYS OF ACTIVATION OF LIPID PEROXIDATION AND PROTEIN IN CHRONIC KIDNEY DISEASE].

In Vitro Protective Potentials of Annona muricata Leaf Extracts Against Sodium Arsenite-induced Toxicity.

Serum free indoxyl sulfate associated with in-stent restenosis after coronary artery stentings.

The influence of low level pre- and perinatal exposure to PCDD/Fs, PCBs, and lead on attention performance and attention-related behavior among German school-aged children: results from the Duisburg Birth Cohort Study.

Borax partially prevents neurologic disability and oxidative stress in experimental spinal cord ischemia/reperfusion injury.

Ferric carboxymaltose: a review of its use in iron deficiency.

Release of uremic retention solutes from protein binding by hypertonic predilution hemodiafiltration.

Alterations of platelet functions in children and adolescents with iron-deficiency anemia and response to therapy.

Liquid chromatography with tandem mass spectrometry for the determination of flufenoxuron in blood using automatic solid phase extraction and its application to a fatal case of flufenoxuron poisoning.

Effects of iron-glycine chelate on growth, carcass characteristic, liver mineral concentrations and haematological and biochemical blood parameters in broilers.

A fetal whole ovarian culture model for the evaluation of CrVI-induced developmental toxicity during germ cell nest breakdown.

Determination of Neutral Monosaccharides as Per-O-methylated Derivatives Directly from a Drop of Whole Blood by Gas Chromatography-Mass Spectrometry.

Toxicity studies of 5-amino-o-cresol administered dermally to F344/NTac rats and B6C3F1/N mice.

An examination of fitness costs of glyphosate resistance in the common morning glory, *Ipomoea purpurea*.

Snapping Turtles (*Chelydra serpentina*) from Canadian Areas of Concern across the southern Laurentian Great Lakes: Chlorinated and brominated hydrocarbon contaminants and metabolites in relation to circulating concentrations of thyroxine and vitamin A.

Red palm oil-supplemented and biofortified cassava gari increase the carotenoid and retinyl palmitate concentrations of triacylglycerol-rich plasma in women.

Suicidal Fatality from Azide Ingestion.

Coupling passive sampling with in vitro bioassays and chemical analysis to understand combined effects of bioaccumulative chemicals in blood of marine turtles.

BFCOD activity in fish cell lines and zebrafish embryos and its modulation by chemical ligands of human aryl hydrocarbon and nuclear receptors.

Absorption of PCB126 by upper airways impairs G protein-coupled receptor-mediated immune response.

2,3,7,8-Tetrachlorodibenzo-p-dioxin differentially suppresses angiogenic responses in human placental vein and artery endothelial cells.

Predictive modes of action of pesticides in uterine adenocarcinoma development in rats.

Activation of NRF2 pathway in spleen, thymus as well as peripheral blood mononuclear cells by acute arsenic exposure in mice.

2,3,7,8-tetrachlorodibenzo-p-dioxin decrease expression of aryl hydrocarbon receptor in peripheral lymphocyte of β^0 -thalassemia major patients.

Tumor necrosis factor- α inhibits effects of aryl hydrocarbon receptor ligands on cell death in human lymphocytes.

Unexpectedly long half-lives of blood 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) levels in Yusho patients.

Solubility shift and SUMOylation of promyelocytic leukemia (PML) protein in response to arsenic(III) and fate of the SUMOylated PML.

Hydroxyl metabolite of PCB 180 induces DNA damage signaling and enhances the DNA damaging effect of benzo[a]pyrene.

Molecular cloning and characterization of a phospholipid hydroperoxide glutathione peroxidase gene from a blood fluke *Schistosoma japonicum*.

The geographic mosaic of herbicide resistance evolution in the common morning glory, *Ipomoea purpurea*: Evidence for resistance hotspots and low genetic differentiation across the landscape.

Biotin amelioration of nephrotoxicity in streptozotocin-induced diabetic mice.

Exogenous plant hormones and cyclotide expression in *Viola uliginosa* (Violaceae).

Toxicokinetic Model Development for the Insensitive Munitions Component 2,4-Dinitroanisole.

Silymarin attenuates paraquat-induced lung injury via Nrf2-mediated pathway *in vivo* and *in vitro*.

Fluorescent magnetic bead-based mast cell biosensor for electrochemical detection of allergens in foodstuffs.

Genetic Deficiency of Glutathione S-Transferase P Increases Myocardial Sensitivity to Ischemia-Reperfusion Injury.

Response to: Letter to the Editor: Blood levels of PCDDs, PCDFs, and coplanar PCBs in Yusho mothers and their descendants: Association with fetal Yusho disease.

Genotoxic effects of boric acid and borax in zebrafish, *Danio rerio* using alkaline comet assay.

Butafenacil: A positive control for identifying anemia- and variegate porphyria-inducing chemicals.

Effect of tocopherol and acetylsalicylic acid on the biochemical indices of blood in dioxin-exposed rats.

Metals exposure and risk of small-for-gestational age birth in a Canadian birth cohort: The MIREC study.

The Protective Effect of Epigallocatechin-3-gallate on Paraquat-induced Haemolysis.

Toxicological and phytoprotective effect of *Keayodendron bridelioides* and *Monodora myristica* extracts in Wistar rats.

Lipoamide Acts as an Indirect Antioxidant by Simultaneously Stimulating Mitochondrial Biogenesis and Phase II Antioxidant Enzyme Systems in ARPE-19 Cells.

Levels of polychlorinated dibenzo-p-dioxins, dibenzofurans (PCDD/Fs) and biphenyls (PCBs) in blood of informal e-waste recycling workers from Agbogbloshie, Ghana, and controls.

Steroid hormone related effects of marine persistent organic pollutants in human H295R adrenocortical carcinoma cells.

Characterization of Batracylin-induced Renal and Bladder Toxicity in Rats.

Phosphatidylcholine Specific PLC-Induced Dysregulation of Gap Junctions, a Robust Cellular Response to Environmental Toxicants, and Prevention by Resveratrol in a Rat Liver Cell Model.

Amphiphilic zinc phthalocyanine photosensitizers: synthesis, photophysicochemical properties and in vitro studies for photodynamic therapy.

TCDD and omeprazole prime platelets through the aryl hydrocarbon receptor (AhR) non-genomic pathway.

Î±-Naphthoflavone Increases Lipid Accumulation in Mature Adipocytes and Enhances Adipocyte-Stimulated Endothelial Tube Formation.

2-Acetylcyclopentanone, an enolate-forming 1,3-dicarbonyl compound, is cytoprotective in warm ischemia-reperfusion injury of rat liver.

Human inhalation exposures to toluene, ethylbenzene, and m-xylene and physiologically based pharmacokinetic modeling of exposure biomarkers in exhaled air, blood, and urine.

Evaluation of various methods of point-of-care testing of haemoglobin concentration in blood donors.

Antioxidant compounds in the seaweed *Gelidiella acerosa* protects human Peripheral Blood Mononuclear Cells against TCDD induced toxicity.

Idiopathic erythrocytosis in a patient on chronic hemodialysis.

Malabsorption of iron as a cause of iron deficiency anemia in postmenopausal women.

Longitudinal assessment of occupational exposures to the organophosphorous insecticides chlorpyrifos and profenofos in Egyptian cotton field workers.

The effects of dietary boron compounds in supplemented diet on hormonal activity and some biochemical parameters in rats.

Development and characterization of an endothelial cell line from the bulbus arteriosus of walleye, *Sander vitreus*.

Dinitrophenol modulates gene expression levels of angiogenic, cell survival and cardiomyogenic factors in bone marrow derived mesenchymal stem cells.

Disparate roles of zinc in chemical hypoxia-induced neuronal death.

Reply to Koppe and Ten Tusscher's letter to the Editor concerning the use of human peripheral blood lymphocytes to determine relative effect potencies for dioxin like compounds.

Evaluation of effects of *Maá'á* *urabhasma* on structural and functional integrity of small intestine in comparison with ferrous sulfate using an experimental model of iron deficiency anemia.

Preliminary Study on Biosynthesis of Bacterial Nanocellulose Tubes in a Novel Double-Silicone-Tube Bioreactor for Potential Vascular Prosthesis.

What Is in the Caribbean Baby? Assessing Prenatal Exposures and Potential Health Outcomes to Environmental Contaminants in 10 Caribbean Countries.

Increase in oxidative stress biomarkers in dogs with ascending-descending myelomalacia following spinal cord injury.

Olive oil and its phenolic constituent tyrosol attenuates dioxin-induced toxicity in peripheral blood mononuclear cells via an antioxidant-dependent mechanism.

Influence of titanium dioxide nanoparticles on 2,3,7,8-tetrachlorodibenzo-p-dioxin bioconcentration and toxicity in the marine fish European sea bass (*Dicentrarchus labrax*).

Association between maternal urinary arsenic species and infant cord blood leptin levels in a New Hampshire Pregnancy Cohort.

Adiponectin protects against paraquat-induced lung injury by attenuating oxidative/nitrative stress.

Levels of PCDDs, PCDFs and dl-PCBs in the blood of childbearing-aged women living in the vicinity of a chemical plant in Tianjin: a primary study.

Effect of vitamin E supplementation on arsenic induced alteration in blood biochemical profile, oxidant/antioxidant status, serum cortisol level and retention of arsenic and selenium in goats.

Dioxin-induced thrombocyte aggregation in zebrafish.

PCBs, PCDD/Fs, and PBDEs in blood samples of a rural population in South Germany.

Modulatory role of Acacia honey from north-west Nigeria on sodium arsenite-induced clastogenicity and oxidative stress in male Wistar rats.

Diet with diphenyl diselenide mitigates quinclorac toxicity in silver catfish (*Rhamdia quelen*).

Continuous renal replacement therapy circuit failure after antidote administration.

Ozone therapy ameliorates paraquat-induced lung injury in rats.

Therapeutical effects and mechanism of salubrinal combined with ulinastatin on treating paraquat poisoning.

[Progress on pathogenesis and treatment of paraquat-induced pulmonary fibrosis].

[Comparative study of different methods of blood purification treatment of paraquat intoxication].

Tissue sensitivity of the rat upper and lower extrapulmonary airways to the inhaled electrophilic air pollutants diacetyl and acrolein.

Pesticide exposure as a risk factor for myelodysplastic syndromes: a meta-analysis based on 1,942 cases and 5,359 controls.

Exchange transfusion can be life-saving in severe propanil poisoning: a case report.

Evaluation of the genotoxicity of a herbicide formulation containing 3,6-dichloro-2-methoxybenzoic acid (dicamba) in circulating blood cells of the tropical fish *Cnesterodon decemmaculatus*.

Are DNA-damaging effects induced by herbicide formulations (Roundup® and Garlon®) in fish transient and reversible upon cessation of exposure?

Histopathological and biochemical changes in goldfish kidney due to exposure to the herbicide Sencor may be related to induction of oxidative stress.

Effects of bentazone on lipid peroxidation and antioxidant systems in human erythrocytes in vitro.

Induction of micronuclei and nuclear lesions in *Channa punctatus* following exposure to carbosulfan, glyphosate and atrazine.

Alterations in energy/redox metabolism induced by mitochondrial and environmental toxins: a specific role for glucose-6-phosphate-dehydrogenase and the pentose phosphate pathway in paraquat toxicity.

Acrolein induced both pulmonary inflammation and the death of lung epithelial cells.

Effects of the surfactant polyoxyethylene amine (POEA) on genotoxic, biochemical and physiological parameters of the freshwater teleost *Prochilodus lineatus*.

Comparison between kidney and continuous plasma perfusion for paraquat elimination.

RBE4 cells are highly resistant to paraquat-induced cytotoxicity: studies on uptake and efflux mechanisms.

Assessing multiple endpoints of atrazine ingestion on gravid Northern Watersnakes (*Nerodia sipedon*) and their offspring.

De novo assembly and annotation of the transcriptome of the agricultural weed *Ipomoea purpurea* uncovers gene expression changes associated with herbicide resistance.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.

Acrolein decreases endothelial cell migration and insulin sensitivity through induction of let-7a.

Induction of micronuclei and nuclear abnormalities in tadpoles of the common toad (*Rhinella arenarum*) treated with the herbicides Liberty[®] and glufosinate-ammonium.

An acute exposure to glyphosate-based herbicide alters aromatase levels in testis and sperm nuclear quality.

Clinical characteristics of paraquat poisoning in 22 Chinese children.

Elimination of young erythrocytes from blood circulation and altered erythropoietic patterns during paraquat induced anemic phase in mice.

Short-term effects of different genetically modified maize varieties on arthropod food web properties: an experimental field assessment.

Hemolytic uremic syndrome associated with paraquat intoxication.

[Tumor necrosis factor- α induced protein 6 attenuates acute kidney injury following paraquat poisoning in rats].

[Reproduction of acute lung injury model induced by paraquat in piglet].

[An analysis of relevant factors of early death in acute paraquat poisoning].

[Early acute liver injury in paraquat poisoning rats].

New insights into antioxidant strategies against paraquat toxicity.

Effects of glyphosate on growth rate, metabolic rate and energy reserves of early juvenile crayfish, *Cherax quadricarinatus* M.

Protective effects of exogenous $\hat{1}^2$ -hydroxybutyrate on paraquat toxicity in rat kidney.

The effect of glyphosate, its metabolites and impurities on erythrocyte acetylcholinesterase activity.

Validity of geographically modeled environmental exposure estimates.

[The prognostic value of the Acute Kidney Injury Network criteria in patients with acute paraquat poisoning].

Herbicide clomazone effects on $\hat{1}$ -aminolevulinic acid activity and metabolic parameters in *Cyprinus carpio*.

Effect of transforming growth factor- $\hat{1}^21$ on acute lung injury caused by paraquat.

Lithium prevents acrolein-induced neurotoxicity in HT22 mouse hippocampal cells.

Rapamycin inhibits acrolein-induced apoptosis by alleviating ROS-driven mitochondrial dysfunction in male germ cells.

Chronic exposure of mice to environmental endocrine-disrupting chemicals disturbs their energy metabolism.

Serum dioxin levels in Vietnamese men more than 40 years after herbicide spraying.

[Protective effect of ghrelin against paraquat-induced acute lung injury in mice].

A single exposure to acrolein desensitizes baroreflex responsiveness and increases cardiac arrhythmias in normotensive and hypertensive rats.

Clinico-hematological and tissue changes induced by butachlor in male Japanese quail (*Coturnix japonica*).

The effect of metabolites and impurities of glyphosate on human erythrocytes (in vitro).

Flurochloridone-based herbicides induced genotoxicity effects on *Rhinella arenarum* tadpoles (Anura: Bufonidae).

Effects of the exposure of fish to triazine herbicides.

Cytoprotective effect of kaempferol on paraquat-exposed BEAS-2B cells via modulating expression of MUC5AC.

CB2 receptor activation ameliorates the proinflammatory activity in acute lung injury induced by paraquat.

Evaluation of biochemical, haematological, and histopathological responses and recovery ability of common carp (*Cyprinus carpio* L.) after acute exposure to atrazine herbicide.

DNA and chromosomal damage induced in fish (*Anguilla anguilla* L.) by aminomethylphosphonic acid (AMPA)--the major environmental breakdown product of glyphosate.

Genotoxic effects of the herbicide Roundup Transorb and its active ingredient glyphosate on the fish *Prochilodus lineatus*.

Hemodialysis clearance of glyphosate following a life-threatening ingestion of glyphosate-surfactant herbicide.

Hematological and histopathological changes in silver catfish *Rhamdia quelen* (Siluriformes) exposed to clomazone herbicide in the Madre River, Santa Catarina State, Southern Brazil.

Clinical characteristics of patients after dicamba herbicide ingestion.

High cortisol and cortisone levels are associated with breast milk dioxin concentrations in Vietnamese women.

The impact of Agent Orange exposure on presentation and prognosis of patients with chronic lymphocytic leukemia.

Catalase inhibition in diabetic rats potentiates DNA damage and apoptotic cell death setting the stage for cardiomyopathy.

Agent Orange exposure and risk of death in Korean Vietnam veterans: Korean Veterans Health Study.

Immune suppressive effect of cinnamaldehyde due to inhibition of proliferation and induction of apoptosis in immune cells: implications in cancer.

Metabolism of arsenic trioxide in acute promyelocytic leukemia cells.

Atorvastatin attenuates the paraquat-induced pulmonary inflammation via PPAR γ receptors: a new indication for atorvastatin.

Pharmacological inhibition of CXCR2 chemokine receptors modulates paraquat-induced intoxication in rats.

Acrolein exposure is associated with increased cardiovascular disease risk.

Interaction of plasma glutathione redox and folate deficiency on arsenic methylation capacity in Bangladeshi adults.

Arsenic methylation capacity and developmental delay in preschool children in Taiwan.

Increased immunoglobulin production in silver catfish (*Rhamdia quelen*) exposed to agrichemicals.

Research on tumorigenicity of cinnamaldehyde in melanoma cell lines and its mechanism.

Liposome-encapsulated cinnamaldehyde enhances zebrafish (*Danio rerio*) immunity and survival when challenged with *Vibrio vulnificus* and *Streptococcus agalactiae*.

Cinnamon extract improves insulin sensitivity in the brain and lowers liver fat in mouse models of obesity.

Absence of P-glycoprotein transport in the pharmacokinetics and toxicity of the herbicide paraquat.

Synthesis, characterization, and preclinical evaluation of new thiazolidin-4-ones substituted with p-chlorophenoxy acetic acid and clofibrac acid against insulin resistance and metabolic disorder.

Cinnamaldehyde inhibits L-type calcium channels in mouse ventricular cardiomyocytes and vascular smooth muscle cells.

Metabolism of propylsulfuron: ¹⁴C excretion, ¹⁴C concentration in plasma and tissues, and amount of metabolites in rats.

[The effect of selective phosphatase inhibitors Salubrinal on autophagy and apoptosis in the lung tissue of rats with acute paraquat poisoning].

Trivalent methylated arsenic metabolites induce apoptosis in human myeloid leukemic HL-60 cells through generation of reactive oxygen species.

Novel bioassay for the discovery of inhibitors of the 2-C-methyl-D-erythritol 4-phosphate (MEP) and terpenoid pathways leading to carotenoid biosynthesis.

Enhanced toxicity of binary mixtures of *Bacillus thuringiensis* subsp. *israelensis* and three essential oil major constituents to wild *Anopheles sinensis* (Diptera: Culicidae) and *Aedes albopictus* (Diptera: Culicidae).

Metabolism and physiologically based pharmacokinetic modeling of flumioxazin in pregnant animals.

[Colorimetric determination of blood paraquat content and its clinical application].

Cinnamaldehyde and cinnamaldehyde-containing micelles induce relaxation of isolated porcine coronary arteries: role of nitric oxide and calcium.

[The molecular mechanism of interaction of trivalent dimethylarsinous acid (DMA(III)) binding to rat hemoglobin].

Serum concentrations of TCDD and other dioxin-like compounds in US Air Force veterans of Operation Ranch Hand.

Comparison of speciated arsenic levels in the liver and brain of mice between arsenate and arsenite exposure at the early life.

Pesticide exposures to migrant farmworkers in Eastern NC: detection of metabolites in farmworker urine associated with housing violations and camp characteristics.

Health effects and arsenic species in urine of copper smelter workers.

In-vivo evaluation of the permeability of the blood-brain barrier to arsenicals, molybdate, and methylmercury by use of online microdialysis-packed minicolumn-inductively coupled plasma mass spectrometry.

Human skin in vitro permeation of bentazon and isotretinoin formulations with or without protective clothing suit.

p-Cresol affects reactive oxygen species generation, cell cycle arrest, cytotoxicity and inflammation/atherosclerosis-related modulators production in endothelial cells and mononuclear cells.

Clastogenic effects of *Trypanosoma brucei brucei* and *Trypanosoma evansi* mixed infection in bone marrow of Wistar rats.

Effect of iron supplementation on the expression of hypoxia-inducible factor and antioxidant status in rats exposed to high-altitude hypoxia environment.

A nanoparticulate ferritin-core mimetic is well taken up by HuTu 80 duodenal cells and its absorption in mice is regulated by body iron.

In vivo kinetics of the uremic toxin p-cresyl sulfate in mice with variable renal function.

Sodium arsenite induces apoptosis and Epstein-Barr virus reactivation in lymphoblastoid cells.

Mechanism and inhibition of 1-deoxy-D-xylulose-5-phosphate reductoisomerase.

Antagonism of ionotropic glutamate receptors attenuates chemical ischemia-induced injury in rat primary cultured myenteric ganglia.

Impact of sodium arsenite on chromosomal aberrations with respect to polymorphisms of detoxification and DNA repair genes.

Atorvastatin ameliorates arsenic-induced hypertension and enhancement of vascular redox signaling in rats.

In silico identification of an aryl hydrocarbon receptor antagonist with biological activity in vitro and in vivo.

Arsenic exposure disrupts the normal function of the FA/BRCA repair pathway.

Protective action of curcumin and nano-curcumin against arsenic-induced genotoxicity in rats in vivo.

Uremic toxicity and sclerostin in chronic kidney disease patients.

In vitro evaluation of Midwest Caries ID: a novel light-emitting diode for caries detection.

Fructo-oligosaccharides and iron bioavailability in anaemic rats: the effects on iron species distribution, ferroportin-1 expression, crypt bifurcation and crypt cell proliferation in the caecum.

[Iron deficiency. Effective: oral substitution].

The novel regulations of MEF2A, CAMKK2, CALM3, and TNNI3 in ventricular hypertrophy induced by arsenic exposure in rats.

Microcytic anemia.

The comparison of antimutagenicity and anticancer activities of *Echinophora platyloba* DC on acute promyelocytic leukemia cancer cells.

Malondialdehyde, antioxidant enzymes, and renal tubular functions in children with iron deficiency or iron-deficiency anemia.

Safety and efficacy of lactoferrin versus ferrous sulphate in curing iron deficiency and iron deficiency anaemia in hereditary thrombophilia pregnant women: an interventional study.

Human organic anion transporters function as a high-capacity transporter for p-cresyl sulfate, a uremic toxin.

The Ah receptor regulates growth factor expression in head and neck squamous cell carcinoma cell lines.

Functional characterisation of the R2452W ryanodine receptor variant associated with malignant hyperthermia susceptibility.

Cardiac myocyte-specific AHR activation phenocopies TCDD-induced toxicity in zebrafish.

Radiosynthesis, photoisomerization, biodistribution, and metabolite analysis of ¹¹C-PBB3 as a clinically useful PET probe for imaging of tau pathology.

Involvement of COX2-thromboxane pathway in TCDD-induced precardiac edema in developing zebrafish.

Uremic toxin p-cresol induces Akt-pathway-selective insulin resistance in bone marrow-derived mesenchymal stem cells.

Doppler parameters of fetal lung hypoplasia and impact of sildenafil.

Indoxyl sulfate and p-cresyl sulfate in chronic kidney disease. Could these toxins modulate the antioxidant Nrf2-Keap1 pathway?

Effects of iron supplementation on dominant bacterial groups in the gut, faecal SCFA and gut inflammation: a randomised, placebo-controlled intervention trial in South African children.

Enhancement of non-heme iron absorption by anchovy (*Engraulis japonicus*) muscle protein hydrolysate involves a nanoparticle-mediated mechanism.

High-content screening in zebrafish embryos identifies butafenacil as a potent inducer of anemia.

Farm residence and lymphohematopoietic cancers in the Iowa Women's Health Study.

The formation of DNA single-strand breaks and alkali-labile sites in human blood lymphocytes exposed to 365-nm UVA radiation.

Ferroportin mediates the intestinal absorption of iron from a nanoparticulate ferritin core mimetic in mice.

Morphine glucuronidation increases its analgesic effect in guinea pigs.

Effect of supplementation with ferrous sulfate or iron bis-glycinate chelate on ferritin concentration in Mexican schoolchildren: a randomized controlled trial.

Reducing iron deficiency anemia in Bolivian school children: calcium and iron combined versus iron supplementation alone.

Role of the autonomic nervous system and baroreflex in stress-evoked cardiovascular responses in rats.

Marginally excessive iron loading transiently blocks mucosal iron uptake in iron-deficient rats.

Dioxins, furans and dioxin-like PCBs in human blood: causes or consequences of diabetic nephropathy?

Thrombin-facilitated efflux of D-[3H]-aspartate from cultured astrocytes and neurons under hyponatremia and chemical ischemia.

Postnatal development of eupneic ventilation and metabolism in rats chronically exposed to moderate hyperoxia.

An audit to review the characteristics and management of placenta praevia at Aberdeen Maternity Hospital, 2009-2011.

Obstetric and neonatal outcomes of maternal vitamin D supplementation: results of an open-label, randomized controlled trial of antenatal vitamin D supplementation in Pakistani women.

Uremic toxins impair human bone marrow-derived mesenchymal stem cells functionality in vitro.

PCB concentrations and dioxin-like activity in blood samples from Danish school children and their mothers living in urban and rural areas.

A study of the effects of latent iron deficiency on measures of cognition: a pilot randomised controlled trial of iron supplementation in young women.

Maternal diet, prenatal exposure to dioxin-like compounds and birth outcomes in a European prospective mother-child study (NewGeneris).

Cardiovascular disease relates to intestinal uptake of p-cresol in patients with chronic kidney disease.

A rapid, simple questionnaire to assess gastrointestinal symptoms after oral ferrous sulphate supplementation.

Effects of acute dietary iron overload in pigs (*Sus scrofa*) with induced type 2 diabetes mellitus.

The metabolically healthy but obese phenotype is associated with lower plasma levels of persistent organic pollutants as compared to the metabolically abnormal obese phenotype.

An adsorbent monolith device to augment the removal of uraemic toxins during haemodialysis.

Protein-bound uremic toxins, inflammation and oxidative stress: a cross-sectional study in stage 3-4 chronic kidney disease.

The thiocarbamate disulphide drug, disulfiram induces osteopenia in rats by inhibition of osteoblast function due to suppression of acetaldehyde dehydrogenase activity.

Iron supplementation does not worsen respiratory health or alter the sputum microbiome in cystic fibrosis.

Ultrasound-guided interventional procedures around the shoulder.

Evidence that p-cresol and IL-6 are adsorbed by the HFR cartridge: towards a new strategy to decrease systemic inflammation in dialyzed patients?

Augmented atherogenesis in ApoE-null mice co-exposed to polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Comparison of two doses of elemental iron in the treatment of latent iron deficiency: efficacy, side effects and blinding capabilities.

Nanoencapsulation of DMSA monoester for better therapeutic efficacy of the chelating agent against arsenic toxicity.

The emerging role of Nrf2 in dermatotoxicology.

Activation of Nrf2 in keratinocytes causes chloracne (MADISH)-like skin disease in mice.

Homoisoflavanone prevents mast cell activation and allergic responses by inhibition of Syk signaling pathway.

The FIND-CKD study--a randomized controlled trial of intravenous iron versus oral iron in non-dialysis chronic kidney disease patients: background and rationale.

The aryl hydrocarbon receptor-activating effect of uremic toxins from tryptophan metabolism: a new concept to understand cardiovascular complications of chronic kidney disease.

Hepatoprotective activity of Tephrosia purpurea against arsenic induced toxicity in rats.

In utero exposure to compounds with dioxin-like activity and birth outcomes.

Comparison of intake and systemic relative effect potencies of dioxin-like compounds in female rats after a single oral dose.

Effects of incapacitant spray deployed in the restraint and arrest of detainees in the Metropolitan Police Service area, London, UK: a prospective study.

Ferrous bisglycinate 25 mg iron is as effective as ferrous sulfate 50 mg iron in the prophylaxis of iron deficiency and anemia during pregnancy in a randomized trial.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin modulates dysregulation of the lipid metabolism in mouse offspring fed a high-calorie diet.

The NRF2-KEAP1 pathway is an early responsive gene network in arsenic exposed lymphoblastoid cells.

Circulating levels of p,p'-DDE are related to prevalent hypertension in the elderly.

Micronuclei in cord blood lymphocytes and associations with biomarkers of exposure to carcinogens and hormonally active factors, gene polymorphisms, and gene expression: the NewGeneris cohort.

Exploration of novel predictive markers in rat plasma of the early stages of chronic renal failure.

Elevated blood pressure in offspring of rats exposed to diverse chemicals during pregnancy.

Responsiveness to parenteral iron therapy in children with oral iron-refractory iron-deficiency anemia.

Accidental exposure to polychlorinated biphenyls (PCB) in waste cargo after heavy seas. Global waste transport as a source of PCB exposure.

The aryl hydrocarbon receptor mediates raloxifene-induced apoptosis in estrogen receptor-negative hepatoma and breast cancer cells.

ITE and TCDD differentially regulate the vascular remodeling of rat placenta via the activation of AhR.

Effects of intestinal bacteria-derived p-cresyl sulfate on Th1-type immune response in vivo and in vitro.

Sodium meta-arsenite ameliorates hyperglycemia in obese diabetic db/db mice by inhibition of hepatic gluconeogenesis.

A practical and successful desensitization protocol for immediate hypersensitivity reactions to iron salts.

Sildenafil stimulates and dexamethasone inhibits pulmonary vascular development in congenital diaphragmatic hernia rat lungs.

Rapid iron desensitization after generalized urticaria and facial angioedema.

In utero and lactational exposure to a mixture of environmental contaminants detected in Canadian Arctic human populations alters retinoid levels in rat offspring with low margins of exposure.

Effects of AST-120 on blood concentrations of protein-bound uremic toxins and biomarkers of cardiovascular risk in chronic dialysis patients.

[Statement of the Polish Gynecological Society Expert Group on the prevention of iron deficiency and of anemia caused by iron deficiency with a low dose heme iron in women. State of the art, 2013].

Oral iron for patients receiving dialysis: what is the evidence?

Micronucleus frequency in copper-mine workers exposed to arsenic is modulated by the AS3MT Met287Thr polymorphism.

Ultrahigh resolution mass spectrometry-based metabolic characterization reveals cerebellum as a disturbed region in two animal models.

Hemorrhagin VaH4, a covalent heterodimeric P-III metalloproteinase from *Vipera ammodytes* ammodytes with a potential antitumour activity.

Serum concentrations of p-cresyl sulfate and indoxyl sulfate, but not inflammatory markers, increase in incident peritoneal dialysis patients in parallel with loss of residual renal function.

Aldehyde dehydrogenase 2 partly mediates hypotensive effect of nitrite on L-NAME-induced hypertension in normoxic rat.

Photohemolysis Sensitized by the Furocoumarin Derivative Alloimperatorin and its Hydroperoxide Photooxidation Product.

Effects of sivelestat treatment on acute lung injury in paraquat-intoxicated rats.

Ferrous sulfate (Fe²⁺) had a faster effect than did ferric polymaltose (Fe³⁺) on increased oxidant status in children with iron-deficiency anemia.

Potential effects of polychlorinated biphenyls (PCBs) and selected organochlorine pesticides (OCPs) on immune cells and blood biochemistry measures: a cross-sectional assessment of the NHANES 2003-2004 data.

Development of inhibitors of the 2C-methyl-D-erythritol 4-phosphate (MEP) pathway enzymes as potential anti-infective agents.

Effect of drinking water disinfection by-products in human peripheral blood lymphocytes and sperm.

[Medication use during the first trimester of pregnancy: drug safety and adoption of folic acid and ferrous sulphate].

Endocrine disruption in human placenta: expression of the dioxin-inducible enzyme, CYP1A1, is correlated with that of thyroid hormone-regulated genes.

Induction of glutathione synthesis in human hepatocytes by acute and chronic arsenic exposure: differential roles of mitogen-activated protein kinases.

Differential Fmo3 gene expression in various liver injury models involving hepatic oxidative stress in mice.

Persistent organochlorine pollutants and human reproductive health.

Duodenal absorption and tissue utilization of dietary heme and nonheme iron differ in rats.

Protective Effect of Curcumin against the Liver Toxicity Caused by Propanil in Rats.

Effects of atrazine on the oxidative damage of kidney in Wister rats.

Lipid peroxidation in Rheumatoid arthritis; consequences and monitoring.

Differential susceptibility of human peripheral blood T cells to suppression by environmental levels of sodium arsenite and monomethylarsonous acid.

Risk assessment study of dioxins in sanitary napkins produced in Japan.

Kinetic mechanism of putrescine oxidase from *Rhodococcus* erythropolis.

Atorvastatin restores arsenic-induced vascular dysfunction in rats: modulation of nitric oxide signaling and inflammatory mediators.

Sodium arsenite induced changes in survival, growth, metamorphosis and genotoxicity in the Indian cricket frog (*Rana limnocharis*).

Urinary VEGF and PGE2 levels and the association with arsenical metabolites in copper-smelting workers.

^{11}C -ORM-13070, a novel PET ligand for brain α_1 -adrenoceptors: radiometabolism, plasma pharmacokinetics, whole-body distribution and radiation dosimetry in healthy men.

NADPH oxidase and the cardiovascular toxicity associated with smoking.

Luteolin modulates expression of drug-metabolizing enzymes through the AhR and Nrf2 pathways in hepatic cells.

Developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in artificially fertilized crucian carp (*Carassius auratus*) embryo.

The effect of different polychlorinated biphenyls on two aquatic models, the green alga *Pseudokirchneriella subcapitata* and the haemocytes from the European abalone *Haliotis tuberculata*.

Two-stage culture procedure using thidiazuron for efficient micropropagation of *Stevia rebaudiana*, an anti-diabetic medicinal herb.

Prenatal exposure to persistent organic pollutants and polybrominated diphenyl ethers in 10 Caribbean countries.

Blood biochemistry, thyroid hormones, and oxidant/antioxidant status of guinea pigs challenged with sodium arsenite or arsenic trioxide.

Gynecological care in young women: a high-risk period of life.

Cross-omics gene and protein expression profiling in juvenile female mice highlights disruption of calcium and zinc signalling in the brain following dietary exposure to CB-153, BDE-47, HBCD or TCDD.

Standardization of in vitro Cell-based Model for Renal Ischemia and Reperfusion Injury.

Microvascular circulation at cool, normal and warm temperatures in rat leg muscles examined by histochemistry using *Lycopersicon esculentum* lectin.

A case report of acute severe paraquat poisoning and long-term follow-up.

A PET Tracer for Brain β -Adrenoceptors, (11)¹¹C-ORM-13070: Radiosynthesis and Preclinical Evaluation in Rats and Knockout Mice.

Biomonitoring and hormone-disrupting effect biomarkers of persistent organic pollutants in vitro and ex vivo.

Enantioselective metabolism of quizalofop-ethyl in rat.

Comparative oxidative stress, metallothionein induction and organ toxicity following chronic exposure to arsenic, lead and mercury in rats.

Fibrin-targeted plasminogen activation by plasminogen activator, PadA, from *Streptococcus dysgalactiae*.

Which exposure stage (gestation or lactation) is more vulnerable to atrazine toxicity? Studies on mouse dams and their pups.

Protective effect of quercetin on atrazine-induced oxidative stress in the liver, kidney, brain, and heart of adult wistar rats.

Relationship between dioxin and steroid hormones in sera of Vietnamese men.

Biochemical, oxidative and histological changes caused by sub-acute oral exposure of some synthetic cyanogens in rats: ameliorative effect of α -ketoglutarate.

Conditioned medium enhances the fusion capability of rat bone marrow mesenchymal stem cells and cardiomyocytes.

In Vitro Metabolism of Flucetosulfuron by Human Liver Microsomes.

Differential relative effect potencies of some dioxin-like compounds in human peripheral blood lymphocytes and murine splenic cells.

Identification of a novel mitochondrial uncoupler that does not depolarize the plasma membrane.

Persistent organic pollutant levels in semi-domesticated reindeer (*Rangifer tarandus tarandus* L.), feed, lichen, blood, milk, placenta, foetus and calf.

On the non-linear attachment characteristics of blood to bacterial cellulose/kaolin biomaterials.

Cytotoxic clerodane diterpenes from *Zuelania guidonia*.

Comparison of the in vivo and in vitro genotoxicity of glyphosate isopropylamine salt in three different organisms.

Plant extracts of the family Lauraceae: a potential resource for chemopreventive agents that activate the nuclear factor-erythroid 2-related factor 2/antioxidant response element pathway.

Oxygen tension controls the expression of the monocarboxylate transporter MCT4 in cultured mouse cortical astrocytes via a hypoxia-inducible factor-1 α -mediated transcriptional regulation.

Astrocytic mitochondrial membrane hyperpolarization following extended oxygen and glucose deprivation.

Increases in levels of epoxyeicosatrienoic and dihydroxyeicosatrienoic acids (EETs and DHETs) in liver and heart in vivo by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and in hepatic EET:DHET ratios by cotreatment with TCDD and the soluble epoxide hydrolase inhibitor AUDA.

Mechanism for the protective effect of diallyl disulfide against cyclophosphamide acute urotoxicity in rats.

A stable and efficient *Agrobacterium tumefaciens*-mediated genetic transformation of the medicinal plant *Digitalis purpurea* L.

Methylated pentavalent arsenic metabolites are bifunctional inducers, as they induce cytochrome P450 1A1 and NAD(P)H:quinone oxidoreductase through AhR- and Nrf2-dependent mechanisms.

Exposure to priority organochlorine contaminants in the Italian general population. Part 2: Fifteen priority polychlorinated biphenyl congeners in blood serum.

Arsenic trioxide and other arsenical compounds inhibit the NLRP1, NLRP3, and NAIP5/NLRC4 inflammasomes.

Antioxidative effect of rice bran oil and medium chain fatty acid rich rice bran oil in arsenite induced oxidative stress in rats.

Influence of zinc supplementation on histopathological changes in the stomach, liver, kidney, brain, pancreas and spleen during subchronic exposure of Wistar rats to glyphosate.

Effect of SP-A/B in lipoic acid on acute paraquat poisoning.

Serum biochemical assessment of hepatic and renal functions of rats during oral exposure to glyphosate with zinc.

Ameliorative Effect of Tephrosia Purpurea in Arsenic-induced Nephrotoxicity in Rats.

Assessment of genotoxic potential of arsenic in female albino rats at permissible dose levels.

Alpha-lipoic acid protects oxidative stress, changes in cholinergic system and tissue histopathology during co-exposure to arsenic-dichlorvos in rats.

Proton-coupled organic cation antiporter-mediated uptake of apomorphine enantiomers in human brain capillary endothelial cell line hCMEC/D3.

Serum dioxin concentrations and bone density and structure in the Seveso Women's Health Study.

Predictors of acute respiratory distress syndrome in patients with paraquat intoxication.

Effect of a glyphosate-based herbicide in *Cyprinus carpio*: assessment of acetylcholinesterase activity, hematological responses and serum biochemical parameters.

Single-cell gel electrophoresis assay in the ten spotted live-bearer fish, *Gambusia affinis holbrooki* (Jenyns, 1842), as bioassay for agrochemical-induced genotoxicity.

Antimycobacterial and herbicidal activity of ring-substituted 1-hydroxynaphthalene-2-carboxanilides.

Mutagenicity and genotoxicity in gill erythrocyte cells of *Poecilia reticulata* exposed to a glyphosate formulation.

Diphenyl diselenide prevents hepatic alterations induced by paraquat in rats.

Using bosentan to treat paraquat poisoning-induced acute lung injury in rats.

Toll-like receptor 4 is involved in myocardial damage following paraquat poisoning in mice.

Methemoglobinemia following ingestion of a weedicide.

Inhibitory effects of rosiglitazone on paraquat-induced acute lung injury in rats.

Methylene blue protects against paraquat-induced acute lung injury in rats.

Procedures to evaluate the efficiency of protective clothing worn by operators applying pesticide.

Non-destructive multibiomarker approach in European quail (*Coturnix coturnix coturnix*) exposed to the herbicide atrazine.

Effect of methylsulfonylmethane on paraquat-induced acute lung and liver injury in mice.

Effects of in vivo exposure to Roundup® on immune system of *Caiman latirostris*.

Agent Orange exposure and prevalence of self-reported diseases in Korean Vietnam veterans.

DNA damage and oxidative stress modulatory effects of glyphosate-based herbicide in freshwater fish, *Channa punctatus*.

Effect of safeners on damage of human erythrocytes treated with chloroacetamide herbicides.

Evaluation of selected biomarkers for the detection of chemical sensitization in human skin: a comparative study applying THP-1, MUTZ-3 and primary dendritic cells in culture.

The relationship between Agent Orange and prostate specific antigen: a comparison of a hotspot and a non-sprayed area in Vietnam.

Paraquat-induced convulsion and death: a report of five cases.

[Successful treatment of paraquat poisoning with hemolytic anemia: a report of 1 case].

Effect of atrazine and chlorpyrifos exposure on cytochrome P450 contents and enzyme activities in common carp gills.

Acetylcholinesterase in honey bees (*Apis mellifera*) exposed to neonicotinoids, atrazine and glyphosate: laboratory and field experiments.

On the methodological limitations of detecting oxidative stress: effects of paraquat on measures of oxidative status in greenfinches.

The suppressor of cytokine signaling 2 (SOCS2) modulating the neurotransmitters release in *Eriocheir sinensis*.

Hematological and biochemical alterations in the fish *Prochilodus lineatus* caused by the herbicide clomazone.

Exposure to herbicides in house dust and risk of childhood acute lymphoblastic leukemia.

Cytotoxicity on human cells of Cry1Ab and Cry1Ac Bt insecticidal toxins alone or with a glyphosate-based herbicide.

Spinal transient receptor potential ankyrin 1 channel induces mechanical hypersensitivity, increases cutaneous blood flow, and mediates the pronociceptive action of dynorphin A.

Toxic, cytotoxic, and genotoxic effects of a glyphosate formulation (Roundup®SL-Cosmoflux®411F) in the direct-developing frog *Eleutherodactylus johnstonei*.

Toxic and genotoxic effects of Roundup on tadpoles of the Indian skittering frog (*Euflyctis cyanophlyctis*) in the presence and absence of predator stress.

[Effect of treatment with early blood purification combined with prednisone and cyclophosphamide for patients with acute paraquat poisoning].

Paraquat poisoning in pediatric patients.

An evaluation of 2,4-dichlorophenoxyacetic acid in the Amphibian Metamorphosis Assay and the Fish Short-Term Reproduction Assay.

Hypoxia stress test reveals exaggerated cardiovascular effects in hypertensive rats after exposure to the air pollutant acrolein.

Goldfish can recover after short-term exposure to 2,4-dichlorophenoxyacetate: use of blood parameters as vital biomarkers.

Genotoxic effects of the herbicide Roundup(®) in the fish *Corydoras paleatus* (Jenyns 1842) after short-term, environmentally low concentration exposure.

Reduction of dimethylarsinic acid to the highly toxic dimethylarsinous acid by rats and rat liver cytosol.

Determination of glyphosate and AMPA in blood and urine from humans: about 13 cases of acute intoxication.

Evaluation of the genotoxic and cytotoxic effects of glyphosate-based herbicides in the ten spotted live-bearer fish *Gambusia affinis holbrooki* (Jenyns, 1842).

Severe chlorate poisoning successfully treated with methylene blue.

Paraquat-induced retinal degeneration is exaggerated in CX3CR1-deficient mice and is associated with increased retinal inflammation.

Impact of the redox-cycling herbicide diquat on transcript expression and antioxidant enzymatic activities of the freshwater snail *Lymnaea stagnalis*.

Influence of diet with kale on lipid peroxides and malondialdehyde levels in blood serum of laboratory rats over intoxication with paraquat.

[Glyphosate and its formulations--toxicity, occupational and environmental exposure].

Renal replacement therapy in acute poisonings--one center experience.

The uremic toxin acrolein promotes suicidal erythrocyte death.

Cytoprotective effect of alpha-lipoic acid on paraquat-exposed human bronchial epithelial cells via activation of nuclear factor erythroid related factor-2 pathway.

Immunotoxicity of atrazine in Balb/c mice.

Historical long-term exposure to pentachlorophenol causing risk of cancer--a community study.

[Hypoxia-inducible factor-1 α expression in renal tissue of rats with paraquat poisoning].

A 90-day feeding study of glyphosate-tolerant maize with the G2-aroA gene in Sprague-Dawley rats.

Involvement of interleukin-6-regulated nitric oxide synthase in hemorrhagic cystitis and impaired bladder contractions in young rats induced by acrolein, a urinary metabolite of cyclophosphamide.

Impact of four turf management regimes on arthropod abundance in lawns.

Effect of intravenous or oral sodium chlorate administration on the fecal shedding of *Escherichia coli* in sheep.

Comparative study of the possible protective effects of cinnamic acid and cinnamaldehyde on cisplatin-induced nephrotoxicity in rats.

Acrolein stimulates the synthesis of IL-6 and C-reactive protein (CRP) in thrombosis model mice and cultured cells.

Protective effects of cinnamic acid and cinnamic aldehyde on isoproterenol-induced acute myocardial ischemia in rats.

Participation of catalase in voluntary ethanol consumption in perinatally low-level lead-exposed rats.

Role of aldose reductase in the metabolism and detoxification of carnosine-acrolein conjugates.

Mitochondria-targeted antioxidant peptide SS31 protects the retinas of diabetic rats.

Differential morphological effects in rat corpora lutea among ethylene glycol monomethyl ether, atrazine, and bromocriptine.

Chemical composition and hypoglycemic and pancreas-protective effect of leaf essential oil from indigenous cinnamon (*Cinnamomum osmophloeum* Kanehira).

Aldehyde dehydrogenase-2 inhibition blocks remote preconditioning in experimental and human models.

Identification of aldo-keto reductases as NRF2-target marker genes in human cells.

Thirteen week rodent feeding study with grain from molecular stacked trait lepidopteran and coleopteran protected (DP-4114-3) maize.

Arsenic speciation in saliva of acute promyelocytic leukemia patients undergoing arsenic trioxide treatment.

Synergistic action of cinnamaldehyde with silver nanoparticles against spore-forming bacteria: a case for judicious use of silver nanoparticles for antibacterial applications.

The ultra-early protective effect of ulinastatin on rabbit acute lung injury induced by paraquat.

Combined treatment with bone marrow mesenchymal stem cells and methylprednisolone in paraquat-induced acute lung injury.

Synthesis of novel phosphorylated guanidine derivatives from cyanamide and their anti-inflammatory activity.

Inhibitory effects against pasture weeds in Brazilian Amazonia of natural products from the marine brown alga *Dictyota menstrualis*.

Use of biometric, hematologic, and plasma biochemical variables, and histopathology to assess the chronic effects of the herbicide prometryn on Common Carp.

In vivo absorption, distribution, excretion, and metabolism of a new herbicide, methiozolin, in rats following oral administration.

Stimulation of suicidal erythrocyte death by trans-cinnamaldehyde.

[Distribution of arsenic species and its DNA damage in subchronic arsenite-exposed mice].

Sub-acute exposure to the herbicide atrazine suppresses cell immune functions in adolescent mice.

Changes in nitrosative stress biomarkers in swine intestine following dietary intervention with verbascoside.

[Determination of 15 kinds of pesticides in blood by gas chromatography-mass spectrometry].

Enzyme inhibitor studies reveal complex control of methyl-D-erythritol 4-phosphate (MEP) pathway enzyme expression in *Catharanthus roseus*.

Antimitotic herbicides bind to an unidentified site on malarial parasite tubulin and block development of liver-stage *Plasmodium* parasites.

Antioxidant action of ellagic acid ameliorates paraquat-induced A549 cytotoxicity.

Malabsorption anemia and iron supplement induced constipation in post-Roux-en-Y gastric bypass (RYGB) patients.

Circulating soluble CD27 and CD30 in workers exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD).

Protein-bound uremic toxins stimulate crosstalk between leukocytes and vessel wall.

Pea protein provides a promising matrix for microencapsulating iron.

Bone remodelling is reduced by recovery from iron-deficiency anaemia in premenopausal women.

Does the adequacy parameter $Kt/V(\text{urea})$ reflect uremic toxin concentrations in hemodialysis patients?

Stability and performance of rapid-acting insulin analogs used for continuous subcutaneous insulin infusion: a systematic review.

The effect of a school-based iron intervention on the haemoglobin concentration of school children in north-west Pakistan.

Kidney hypoxia, attributable to increased oxygen consumption, induces nephropathy independently of hyperglycemia and oxidative stress.

Ten years of progress in the Hokkaido birth cohort study on environment and children's health: cohort profile--updated 2013.

Metabonomic study on the biochemical response of spontaneously hypertensive rats to chronic taurine supplementation using $(1)H$ NMR spectroscopic urinalysis.

Protein-bound uremic toxins—new targets to prevent insulin resistance and dysmetabolism in patients with chronic kidney disease.

Association between blood levels of PCDDs/PCDFs/dioxin-like PCBs and history of allergic and other diseases in the Japanese population.

Relationships between in vitro lymphoproliferative responses and levels of contaminants in blood of free-ranging adult harbour seals (*Phoca vitulina*) from the North Sea.

IRON-HF study: a randomized trial to assess the effects of iron in heart failure patients with anemia.

Indolic uremic solutes increase tissue factor production in endothelial cells by the aryl hydrocarbon receptor pathway.

[Role of iron in the treatment of attention deficit-hyperactivity disorder].

Interventions for preventing diarrhea-associated hemolytic uremic syndrome: systematic review.

Iron supplementation among pregnant women: results from a population-based survey study.

Coverage and adequacy of ferrous sulfate supplementation in the prevention of anemia among children treated at health centers of Florianopolis, Santa Catarina.

[Effectiveness of ferrous sulfate supplementation in the prevention of anemia in children: a systematic literature review and meta-analysis].

Associations between plasma persistent organic pollutant levels and blood pressure in Inuit adults from Nunavik.

Prenatal exposure to environmental contaminants and behavioural problems at age 7-8years.

Sox9b is required for epicardium formation and plays a role in TCDD-induced heart malformation in zebrafish.

Low-dose food contaminants trigger sex-specific, hepatic metabolic changes in the progeny of obese mice.

Maternal diet, prenatal exposure to dioxins and other persistent organic pollutants and anogenital distance in children.

Iron supplementation in premature infants using the zinc protoporphyrin to heme ratio: short- and long-term outcomes.

Regulation of protease-activated receptor-1 expression in human buccal fibroblasts stimulated with arecoline.

Cluster-randomised trial of the impact of school-based deworming and iron supplementation on the cognitive abilities of schoolchildren in Sri Lanka's plantation sector.

Diabetes, metabolic syndrome, and obesity in relation to serum dioxin concentrations: the Seveso women's health study.

Proteomic analysis of primary cultured rat cortical neurons in chemical ischemia.

Individuals' half-lives for 2,3,4,7,8-penta-chlorodibenzofuran (PeCDF) in blood: correlation with clinical manifestations and laboratory results in subjects with Yusho.

Ascertainment of iron deficiency and depletion in blood donors through screening questions for pica and restless legs syndrome.

Schistosomiasis chemotherapy.

The aryl hydrocarbon receptor and estrogen receptor alpha differentially modulate nuclear factor erythroid-2-related factor 2 transactivation in MCF-7 breast cancer cells.

Temperature increase exacerbates apoptotic neuronal death in chemically-induced ischemia.

Smoke carcinogens cause bone loss through the aryl hydrocarbon receptor and induction of Cyp1 enzymes.

[Effectiveness of iron amino acid chelate versus ferrous sulfate as part of a food complement in preschool children with iron deficiency, Medell n, 2011].

Hyperuricemia after exposure to polychlorinated dibenzo-p-dioxins and dibenzofurans near a highly contaminated area.

Antioxidant and micronutrient-rich milk formula reduces lead poisoning and related oxidative damage in lead-exposed mice.

Novel cell-based assay reveals associations of circulating serum AhR-ligands with metabolic syndrome and mitochondrial dysfunction.

Use of near-infrared spectroscopy to identify trends in regional cerebral oxygen saturation in horses.

Hematological effects of arsenic in rats after subchronical exposure during pregnancy and lactation: the protective role of antioxidants.

Does p-cresylglucuronide have the same impact on mortality as other protein-bound uremic toxins?

Prevention of transfusion-associated graft-versus-host disease by irradiation: technical aspect of a new ferrous sulphate dosimetric system.

Differences in circulating non-transferrin-bound iron after oral administration of ferrous sulfate, sodium iron EDTA, or iron polymaltose in women with marginal iron stores.

Aberrant pulmonary lymphatic development in the nitrofen mouse model of congenital diaphragmatic hernia.

[Relationship between parental exposure to chemicals and risk of childhood acute leukemia].

Iron plays a certain role in patterned hair loss.

Effects of iron polymaltose complex, ferrous fumarate and ferrous sulfate treatments in anemic pregnant rats, their fetuses and placentas.

Multidrug resistance protein 1 (ABCC1) confers resistance to arsenic compounds in human myeloid leukemic HL-60 cells.

Severe anemia in 3 toddlers with gastric lact bezoar.

Multiple micronutrient supplementation reduces anemia and anxiety in rural China's elementary school children.

Intravenous iron sucrose versus oral iron ferrous sulfate for antenatal and postpartum iron deficiency anemia: a randomized trial.

Association between exposure to dioxin-like polychlorinated biphenyls and miR-191 expression in human peripheral blood mononuclear cells.

Gastrointestinal stromal tumors, somatic mutations and candidate genetic risk variants.

The changes in dioxin concentrations in the blood of Yusho patients from 2004 to 2010.

Development of a newly large-volume injection system for dioxin determinations in blood of Yusho patients.

Managing severe anemia when the patient is a Jehovah's Witness.

Postmortem analyses of gaseous and volatile substances in pericardial fluid and bone marrow aspirate.

Exposure to persistent organic pollutants and risk of hypertension among Inuit from Greenland.

Removal of protein-bound, hydrophobic uremic toxins by a combined fractionated plasma separation and adsorption technique.

Tolerability of different oral iron supplements: a systematic review.

Low serum lipocalin levels in patients with iron deficiency anemia.

The influence of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on hematological parameters during experimentally induced pleuritis in rats.

Iron bioavailability in Wistar rats fed with fortified rice by Ultra Rice technology with or without addition of yacon flour (*Smallanthus sonchifolius*).

[Problems of adherence to the program of prevention of iron deficiency anemia and supplementation with iron salts in the city of Viçosa, Minas Gerais, Brazil].

Cases from NACCT acute and intensive care symposium: altered mental status, seizures, and rash in a fumigation company employee.

A randomized, double-blind clinical study on the safety and tolerability of an iron multi-amino acid chelate preparation in premenopausal women.

Uncoupling mitochondrial activity maintains body [Formula: see text] during hemorrhage-induced O₂ deficit in the anesthetized rat.

Differential sensitivity to pro-oxidant exposure in two populations of killifish (*Fundulus heteroclitus*).

Functional regulation of P-glycoprotein at the blood-brain barrier in proton-coupled folate transporter (PCFT) mutant mice.

Genetic susceptibility to dioxin-like chemicals' induction of cytochrome P4501A2 in the human adult linked to specific AhRR polymorphism.

Comparison of treatments to inactivate viral hemorrhagic septicemia virus (VHSV-IVb) in frozen baitfish.

[Reduction in alcohol consumption: therapeutic goal in alcohol dependence treatment].

Hepcidin levels predict nonresponsiveness to oral iron therapy in patients with iron deficiency anemia.

Intrarenal metabolomic investigation of chronic kidney disease and its TGF- β 1 mechanism in induced-adenine rats using UPLC Q-TOF/HSMS/MS(E).

Characterization of residential pesticide use and chemical formulations through self-report and household inventory: the Northern California Childhood Leukemia study.

Arsenic increases Pi-mediated vascular calcification and induces premature senescence in vascular smooth muscle cells.

Blood levels of PCDDs, PCDFs, and coplanar PCBs in Yusho mothers and their descendants: association with fetal Yusho disease.

Inorganic arsenic impairs differentiation and functions of human dendritic cells.

Cultured human peripheral blood mononuclear cells alter their gene expression when challenged with endocrine-disrupting chemicals.

A forgotten screening test for iron deficiency anemia: oral iron absorption test.

Iron absorption following a single oral dose of ferrous sulfate or ferric gluconate in patients with gastrectomy.

Increased kidney metabolism as a pathway to kidney tissue hypoxia and damage: effects of triiodothyronine and dinitrophenol in normoglycemic rats.

Occurrence of disseminated intravascular coagulation in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced pneumonia in the rat.

Removal of protein-bound uraemic toxins by haemodialysis.

Prenatal exposure to a polychlorinated biphenyl (PCB) congener influences fixation duration on biological motion at 4-months-old: a preliminary study.

[Statement of the Polish Gynecological Society Expert Group on the use of iron preparations (Tardyferon, Tardyferon-Fol) in obstetrics and gynaecology].

A genetically encoded FRET lactate sensor and its use to detect the Warburg effect in single cancer cells.

Isoflurane preconditioning confers cardioprotection by activation of ALDH2.

Clinical benefits of predilution on-line hemodiafiltration.

Warburg and Crabtree effects in premalignant Barrett's esophagus cell lines with active mitochondria.

Increased activation of NADPH oxidase 4 in the pulmonary vasculature in experimental diaphragmatic hernia.

Evaluation of lipid peroxidation and antioxidant system in healthy iron-replete infants receiving iron prophylaxis.

Iron autointoxication in a 16-year-old girl: a protective role for hepcidin?

Effect of different doses of iron supplementation during pregnancy on maternal and infant health.

Protective effects of protocatechuic acid on TCDD-induced oxidative and histopathological damage in the heart tissue of rats.

Construction and characterization of peroxisome proliferator-activated receptor-gamma co-activator 1 alpha (PGC-1 α) over-expressing cell line derived from human hepatocyte carcinoma HepG2 cells).

Sodium arsenite induced reactive oxygen species generation, nuclear factor (erythroid-2 related) factor 2 activation, heme oxygenase-1 expression, and glutathione elevation in Chang human hepatocytes.

Surface fluorescence studies of tissue mitochondrial redox state in isolated perfused rat lungs.

Evaluation of biomonitoring data from the CDC National Exposure Report in a risk assessment context: perspectives across chemicals.

TCDD inhibits heart regeneration in adult zebrafish.

In vitro propagation and production of cardiotoxic glycosides in shoot cultures of *Digitalis purpurea* L. by elicitation and precursor feeding.

Oxysterols modulate calcium signalling in the A7r5 aortic smooth muscle cell-line.

Chromatographic behaviour predicts the ability of potential nootropics to permeate the blood-brain barrier.

Elimination rates of dioxin congeners in former chlorophenol workers from Midland, Michigan.

Characterization of placental transfer of polychlorinated dibenzo-p-dioxins, dibenzofurans and polychlorinated biphenyls in normal pregnancy.

Mast cell-based electrochemical biosensor for quantification of the major shrimp allergen Pen a 1 (tropomyosin).

Glyphosate, pathways to modern diseases II: Celiac sprue and gluten intolerance.

Paraquat poisoning by skin absorption: Two case reports and a literature review.

[Homocysteine peroxidase activity in rat blood plasma: stoichiometry and enzymatic character of the reaction].

Biomarkers of oral exposure to 3-nitro-1,2,4-triazol-5-one (NTO) and 2,4-dinitroanisole (DNAN) in blood and urine of rhesus macaques (*Macaca mulatta*).

Identification and analysis of an impurity inducing clinical adverse effect in anti-adhesion carboxymethyl chitosan products.

Body burden monitoring of dioxins and other organic substances in workers at a hazardous waste incinerator.

Paraquat Exposure Up-regulates Cyclooxygenase-2 in the Lungs, Liver and Kidneys in Rats.

Resveratrol stimulates mitochondrial bioenergetics to protect retinal pigment epithelial cells from oxidative damage.

Gene expression and pathologic alterations in juvenile rainbow trout due to chronic dietary TCDD exposure.

Serum arylhydrocarbon receptor transactivating activity is elevated in type 2 diabetic patients with diabetic nephropathy.

[Effects of hemoperfusion on the patients with acute toxication of 2, 4-dinitrophenol].

The mortality and cancer experience of New Zealand Vietnam war veterans: a cohort study.

Dietary exposure to dioxins and PCBs in a large cohort of pregnant women: results from the Norwegian Mother and Child Cohort Study (MoBa).

Acute toxicity of some synthetic cyanogens in rats: time-dependent cyanide generation and cytochrome oxidase inhibition in soft tissues after sub-lethal oral intoxication.

The aryl hydrocarbon receptor interacts with nuclear factor erythroid 2-related factor 2 to mediate induction of NAD(P)H:quinoneoxidoreductase 1 by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effect of nicotine pretreatment on arsenic-induced oxidative stress in male Wistar rats.

Perinatal exposure to purity-controlled polychlorinated biphenyl 52, 138, or 180 alters toxicogenomic profiles in peripheral blood of rats after 4 months.

Emerging causes of iron deficiency anemia refractory to oral iron supplementation.

[Preparation of thrombin affinity chromatography media].

Histopathological changes in the liver of rabbits exposed to high nitrate ingestion in drinking water.

Expression and activity of the Na⁺-K⁺ ATPase in ischemic injury of primary cultured astrocytes.

Serum metabolomic perturbations among workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Radiosynthesis and evaluation of new α -1-adrenoceptor antagonists as PET radioligands for brain imaging.

Transplantation of induced pluripotent stem cells without C-Myc attenuates retinal ischemia and reperfusion injury in rats.

Cell to organ: physiological, immunotoxic and oxidative stress responses of *Lamellidens marginalis* to inorganic arsenite.

NMDA receptors in the lateral hypothalamus have an inhibitory influence on the tachycardiac response to acute restraint stress in rats.

Relative effect potency estimates of dioxin-like activity for dioxins, furans, and dioxin-like PCBs in adults based on two thyroid outcomes.

Quartz crystal microbalance measurements of mitochondrial depolarization predicting chemically induced toxicity of vascular cells and macrophages.

Biomarkers of toluene exposure in rats: mercapturic acids versus traditional indicators (urinary hippuric acid and o-cresol and blood toluene).

Tissue distribution of dioxin-like compounds: potential impacts on systemic relative potency estimates.

Gas signatures from *Escherichia coli* and *Escherichia coli*-inoculated human whole blood.

Dioxin-like compounds and bone quality in Cree women of Eastern James Bay (Canada): a cross-sectional study.

Protective effect of *Juglans nigra* on sodium arsenite-induced toxicity in rats.

Protective effects of *Vernonia amygdalina* against sodium arsenite-induced genotoxicity in rat.

Effects of lovastatin, clomazone and methyl jasmonate treatment on the accumulation of purpurin and mollugin in cell suspension cultures of *Rubia cordifolia*.

Xenoestrogenic and dioxin-like activity in blood of East Greenland polar bears (*Ursus maritimus*).

Persistent toxic burdens of halogenated phenolic compounds in humans and wildlife.

Arsenic speciation in the blood of arsenite-treated F344 rats.

Genetic association of aromatic hydrocarbon receptor (AHR) and cytochrome P450, family 1, subfamily A, polypeptide 1 (CYP1A1) polymorphisms with dioxin blood concentrations among pregnant Japanese women.

Effects of Zinc Sulfate Supplementation in Treatment of Iron Deficiency Anemia.

Urinary Arsenic Concentrations and their Associated Factors in Korean Adults.

Oral administration of hesperidin, a citrus flavonone, in rats counteracts the oxidative stress, the inflammatory cytokine production, and the hepatotoxicity induced by the ingestion of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Synthesis and cytotoxicity of oligomycin A derivatives modified in the side chain.

Dietary carnosine prevents early atherosclerotic lesion formation in apolipoprotein E-null mice.

Switchable skin window induced by optical clearing method for dermal blood flow imaging.

The protective effects of the proteasome inhibitor bortezomib (velcade) on ischemia-reperfusion injury in the rat retina.

Two-photon microscopy and fluorescence lifetime imaging of retinal pigment epithelial cells under oxidative stress.

Comparison of nicotine and carcinogen exposure with water pipe and cigarette smoking.

[Inter-laboratory crosscheck study of dioxins and PCBs in human blood samples].

Determination of urinary 6-mercaptopurine and three of its metabolites by HPLC-UV coupled with the iodine-azide reaction.

Synthesis and bioevaluation of [(18)F]4-fluoro-m-hydroxyphenethylguanidine ([[(18)F]4F-MHPG): a novel radiotracer for quantitative PET studies of cardiac sympathetic innervation.

Determination of dioxin-like polychlorinated biphenyls in 1 mL whole blood using programmable temperature vaporization large volume injection coupled to gas chromatogram and high-resolution mass spectrometry.

[Expression of hemolytic phospholipase C from *Pseudomonas aeruginosa* in *Escherichia coli*].

Combined use of irreversible binding and MRM technology for low- and ultralow copy-number protein detection and quantitation.

Comparison of routine prenatal iron prophylaxis and screening and treatment for anaemia: pregnancy results and preliminary birth results from a pragmatic randomised controlled trial (PROFEG) in Maputo, Mozambique.

Therapeutic effects of smecta or smectite powder on rats with paraquat toxication.

Binding interaction between (-)-epigallocatechin gallate causes impaired spreading of cancer cells on fibrinogen.

Correlation between Serum Levels of Protein-Bound Uremic Toxins in Hemodialysis Patients Measured by LC/MS/MS.

Human adipose tissue derived stem cells promote liver regeneration in a rat model of toxic injury.

Cancer incidence in pulmonary vasculitis.

Nrf2 protection against liver injury produced by various hepatotoxicants.

A Systematic Review of Carcinogenic Outcomes and Potential Mechanisms from Exposure to 2,4-D and MCPA in the Environment.

Metabolic signatures of extreme longevity in northern Italian centenarians reveal a complex remodeling of lipids, amino acids, and gut microbiota metabolism.

Changes in the expression of vascular endothelial growth factor after fetal tracheal occlusion in an experimental model of congenital diaphragmatic hernia.

A novel murine model to deplete hepatic stellate cells uncovers their role in amplifying liver damage in mice.

Butachlor induced dissipation of mitochondrial membrane potential, oxidative DNA damage and necrosis in human peripheral blood mononuclear cells.

Therapeutic potential of intravenous Xuebijing on transforming growth factor beta1 and procollagen type III peptide in patients with acute paraquat poisoning.

Proteomic analysis of changes in protein expression in serum from animals exposed to paraquat.

2,4-D exposure and risk assessment: comparison of external dose and biomonitoring based approaches.

The oxidative damage and inflammation caused by pesticides are reverted by lipoic acid in rat brain.

Toxicity of atrazine and nonylphenol in juvenile rainbow trout (*Oncorhynchus mykiss*): effects on general health, disease susceptibility and gene expression.

[Clinical studies of dynamic changes on the renal injury indicators of acute paraquat poisoning].

Haematology and blood chemistry changes in mice treated with terbuthylazine and its formulation Radazin TZ-50.

Changes in lymphocyte subsets in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Atrazine promotes biochemical changes and DNA damage in a Neotropical fish species.

Pesticide application to agricultural fields: effects on the reproduction and avoidance behaviour of *Folsomia candida* and *Eisenia andrei*.

Innate immune response of silver catfish (*Rhamdia quelen*) exposed to atrazine.

Nrf2 protects against diquat-induced liver and lung injury.

Overexpression of stanniocalcin-1 inhibits reactive oxygen species and renal ischemia/reperfusion injury in mice.

Inhibition of aminoacylase 3 protects rat brain cortex neuronal cells from the toxicity of 4-hydroxy-2-nonenal mercapturate and 4-hydroxy-2-nonenal.

[Early continuous dialysis in acute glyphosate-surfactant poisoning].

[Influence factors for prognosis in patients with acute oral poisoning with paraquat].

[Optimal conditions of bone marrow mesenchymal stem cells on paraquat-induced acute lung injury in rats].

Pathological and toxicological findings in glyphosate-surfactant herbicide fatality: a case report.

L-Theanine extends lifespan of adult *Caenorhabditis elegans*.

Influence of 50-nm polystyrene particles in inducing cytotoxicity in mice co-injected with carbon tetrachloride, cisplatin, or paraquat.

[Therapeutic effects of epidermal growth factor (EGF) combined with plasma cryoprecipitate (CRYO) on the corneal injury induced by paraquat].

Pentachlorophenol decreases tumor-cell-binding capacity and cell-surface protein expression of human natural killer cells.

Immunotoxic and cytotoxic effects of atrazine, permethrin and piperonyl butoxide to rainbow trout following in vitro exposure.

Biochemical study of retired pentachlorophenol workers with and without following dietary exposure to PCDD/Fs.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.

Differential genotoxicity of Roundup(®) formulation and its constituents in blood cells of fish (*Anguilla anguilla*): considerations on chemical interactions and DNA damaging mechanisms.

[Expression of the 4-hydroxynonenal in lung tissue in rats with paraquat poisoned and the effect of ulinastatin].

Responses of growth performance and tryptophan metabolism to oxidative stress induced by diquat in weaned pigs.

Effects of herbicides and the chytrid fungus *Batrachochytrium dendrobatidis* on the health of post-metamorphic northern leopard frogs (*Lithobates pipiens*).

Bark extract of *Bathysa cuspidata* attenuates extra-pulmonary acute lung injury induced by paraquat and reduces mortality in rats.

Uncaria tomentosa extracts protect human erythrocyte catalase against damage induced by 2,4-D-Na and its metabolites.

Detection of early effects of a single herbicide (diuron) and a mix of herbicides and pharmaceuticals (diuron, isoproturon, ibuprofen) on immunological parameters of Pacific oyster (*Crassostrea gigas*) spat.

Effects of in vivo chronic exposure to pendimethalin/Prowl 400® on sanitary status and the immune system in rainbow trout (*Oncorhynchus mykiss*).

Effect of chronic exposure to pendimethalin on the susceptibility of rainbow trout, *Oncorhynchus mykiss* L., to viral hemorrhagic septicemia virus (VHSV).

Farmers' exposure to herbicides in North Italy: assessment under real-life conditions in small-size rice and corn farms.

[The relationship between HIF-1 α expression and the early lung fibrosis in rats with acute paraquat poisoning].

Copper and the herbicide atrazine impair the stress response of the freshwater fish *Prochilodus lineatus*.

Early cytotoxic and genotoxic effects of atrazine on Wistar rat liver: a morphological, immunohistochemical, biochemical, and molecular study.

[Experimental anticoagulant therapy of acute lung injury induced by paraquat].

Effects of short-term sodium chlorate exposure on pigs.

Acute oral poisoning due to chloracetanilide herbicides.

Hypercholesterolemia and oxidative stress inhibit endothelial cell healing after arterial injury.

Effects of long-term exposure to simazine in real concentrations on common carp (*Cyprinus carpio* L.).

Plasma dioxin levels and cause-specific mortality in an occupational cohort of workers exposed to chlorophenoxy herbicides, chlorophenols and contaminants.

Sequential organ failure assessment score can predict mortality in patients with paraquat intoxication.

The value of plasma paraquat concentration in predicting therapeutic effects of haemoperfusion in patients with acute paraquat poisoning.

Species-dependent effects of the phenolic herbicide ioxynil with potential thyroid hormone disrupting activity: modulation of its cellular uptake and activity by interaction with serum thyroid hormone-binding proteins.

Developmental exposure to diuron causes splenotoxicity in male Sprague-Dawley rat pups.

Effect of chronic pesticide exposure in farm workers of a Mexico community.

Reduction of mitoferrin results in abnormal development and extended lifespan in *Caenorhabditis elegans*.

A longer tracheal occlusion period results in increased lung growth in the nitrofen rat model.

Effect of bark extract of *Bathysa cuspidata* on hepatic oxidative damage and blood glucose kinetics in rats exposed to paraquat.

Standardized extracts of *Bacopa monniera* protect against MPP⁺ and paraquat-induced toxicity by modulating mitochondrial activities, proteasomal functions, and redox pathways.

The tobacco smoke component, acrolein, suppresses innate macrophage responses by direct alkylation of c-Jun N-terminal kinase.

Acquiring transgenic tobacco plants with insect resistance and glyphosate tolerance by fusion gene transformation.

Proton pumping ATPase mediated fungicidal activity of two essential oil components.

Antihyperglycemic and antihyperlipidemic action of cinnamaldehyde in C57BLKS/J db/db mice.

GC-MS analysis and screening of antidiabetic, antioxidant and hypolipidemic potential of *Cinnamomum tamala* oil in streptozotocin induced diabetes mellitus in rats.

[Effect of acrolein exposure on the percentage of CD4⁺CD25⁺ regulatory T cells and expression of transcription factor Foxp3 in asthmatic rats].

Potential use of nitrate reductase as a biomarker for the identification of active and dormant inhibitors of *Mycobacterium tuberculosis* in a THP1 infection model.

Attenuation of mouse somatic and emotional inflammatory pain by hydralazine through scavenging acrolein and inhibiting neuronal activation.

Resveratrol inhibits paraquat-induced oxidative stress and fibrogenic response by activating the nuclear factor erythroid 2-related factor 2 pathway.

Cinnamic aldehydes affect hydrolytic enzyme secretion and morphogenesis in oral *Candida* isolates.

Evaluating the efficacy of cinnamaldehyde and *Echinacea purpurea* plant extract in broilers against *Eimeria acervulina*.

Inverse correlation between stroke and urinary 3-hydroxypropyl mercapturic acid, an acrolein-glutathione metabolite.

[Determination of glyphosate in heart blood of corpse by ion chromatography].

Hypothesis: Estrogen related thrombosis explains the pathogenesis and epidemiology of gastroschisis.

Anticandidal activity of curcumin and methyl cinnamaldehyde.

Quantification of paraquat in postmortem samples by gas chromatography-ion trap mass spectrometry and review of the literature.

Enhanced catabolism to acetaldehyde in rostral ventrolateral medullary neurons accounts for the pressor effect of ethanol in spontaneously hypertensive rats.

2-methoxycinnamaldehyde from *Cinnamomum cassia* reduces rat myocardial ischemia and reperfusion injury in vivo due to HO-1 induction.

Ingestion of cinnamaldehyde, a TRPA1 agonist, reduces visceral fats in mice fed a high-fat and high-sucrose diet.

Anti-diabetic effects of TongGuanWan, a Chinese traditional herbal formula, in C57BL/KsJ-db/db mice.

Effects of exogenous methionine on arsenic burden and NO metabolism in brain of mice exposed to arsenite through drinking water.

Endogenous hydrogen peroxide in the hypothalamic paraventricular nucleus regulates sympathetic nerve activity responses to L-glutamate.

Reactive carbonyl compounds (RCCs) cause aggregation and dysfunction of fibrinogen.

A lung dosimetry model of vapor uptake and tissue disposition.

Hydrogen peroxide enhances vasodilatation by increasing dimerization of cGMP-dependent protein kinase type II.

Determination of tissue to blood partition coefficients for nonvolatile herbicides, insecticides, and fungicides using negligible depletion solid-phase microextraction (nd-SPME) and ultrafiltration.

Effects of a wheat bran extract containing arabinoxylan oligosaccharides on gastrointestinal health parameters in healthy adult human volunteers: a double-blind, randomised, placebo-controlled, cross-over trial.

Combined iron and zinc supplementation improves haematologic status of pregnant women in Upper West Region of Ghana.

Fortifying baladi bread in Egypt: reaching more than 50 million people through the subsidy program.

Pesticide exposure in children.

Toxicity of untreated and ozone-treated oil sands process-affected water (OSPW) to early life stages of the fathead minnow (*Pimephales promelas*).

Characterization of ecto-ATPase activity in the surface of LLC-PK1 cells and its modulation by ischemic conditions.

Synergistic effect of conjugated linolenic acid isomers against induced oxidative stress, inflammation and erythrocyte membrane disintegrity in rat model.

Reproductive hormone profile and pubertal development in 14-year-old boys prenatally exposed to polychlorinated biphenyls.

Effect of iron supplementation on development of iron deficiency anemia in breastfed infants.

Liberation of copper from amyloid plaques: making a risk factor useful for Alzheimer's disease treatment.

Environmental arsenic exposure and DNA methylation of the tumor suppressor gene p16 and the DNA repair gene MLH1: effect of arsenic metabolism and genotype.

The role of protein-bound uremic toxins on peripheral artery disease and vascular access failure in patients on hemodialysis.

A randomized controlled trial of oral heme iron polypeptide versus oral iron supplementation for the treatment of anaemia in peritoneal dialysis patients: HEMATOCRIT trial.

Reduced birth weight in relation to pesticide mixtures detected in cord blood of full-term infants.

Importance of riboflavin kinase in the pathogenesis of stroke.

Global gene expression analysis in cord blood reveals gender-specific differences in response to carcinogenic exposure in utero.

Quantification of p-cresol sulphate in human plasma by selected reaction monitoring.

Changes in the synaptic structure of hippocampal neurons and impairment of spatial memory in a rat model caused by chronic arsenite exposure.

Associations of dioxins, furans and dioxin-like PCBs with diabetes and pre-diabetes: is the toxic equivalency approach useful?

Formulation of oryzalin (ORZ) liposomes: in vitro studies and in vivo fate.

Long-term toxicology and carcinogenicity of 2,4,6-trichlorophenol.

Switching iron-deficient whole blood donors to plateletpheresis.

Milk-based cornstarch porridge fortified with iron is effective in reducing anemia: a randomized, double-blind, placebo-controlled trial.

Suicidal sodium azide intoxication: An analytical challenge based on a rare case.

Mild uncoupling of respiration and phosphorylation as a mechanism providing nephro- and neuroprotective effects of penetrating cations of the SkQ family.

[Human biomonitoring and variation of haematic parameters in a population exposed to PCB and dioxin near a steel plant in the lower Susa Valley].

Treatment of mild non-chemotherapy-induced iron deficiency anemia in cancer patients: comparison between oral ferrous bisglycinate chelate and ferrous sulfate.

Synergistic effects of tributyltin and 2,3,7,8-tetrachlorodibenzo-p-dioxin on differentiating osteoblasts and osteoclasts.

Patch testing with the textile dyes Disperse Orange 1 and Disperse Yellow 3 and some of their potential metabolites, and simultaneous reactions to para-amino compounds.

Photoinactivation of cell-free human immunodeficiency virus by hematoporphyrin monomethyl ether.

Inactivation of the sodA gene of *Streptococcus suis* type 2 encoding superoxide dismutase leads to reduced virulence to mice.

Effect of iron supplementation on fatigue in nonanemic menstruating women with low ferritin: a randomized controlled trial.

[Statement of the Polish Gynecological Society Expert Group on the use of ellen probiotic tampon].

EDTA-dependent pseudothrombocytopenia: further insights and recommendations for prevention of a clinically threatening artifact.

Mechanistic exploration of AhR-mediated host protection against *Streptococcus pneumoniae* infection.

A NUP98-HOXD13 leukemic fusion gene leads to impaired class switch recombination and antibody production.

FICZ, a tryptophan photoproduct, suppresses pulmonary eosinophilia and Th2-type cytokine production in a mouse model of ovalbumin-induced allergic asthma.

In vivo regulation of the heme oxygenase-1 gene in humanized transgenic mice.

Fetal exposure to propoxur and abnormal child neurodevelopment at 2 years of age.

Curcumin encapsulated in chitosan nanoparticles: a novel strategy for the treatment of arsenic toxicity.

Prenatal polychlorinated biphenyl exposure is associated with decreased gestational length but not birth weight: archived samples from the Child Health and Development Studies pregnancy cohort.

Yusho: 43 years later.

Increased protein carbonylation and decreased antioxidant status in anemic *H. pylori* infected patients: effect of treatment.

Oxidative stress fuels *Trypanosoma cruzi* infection in mice.

Preconditioning induces tolerance by suppressing glutamate release in neuron culture ischemia models.

Lactational transfer of mercury and polychlorinated biphenyls in polar bears.

Iron replacement therapy in the routine management of blood donors.

Sodium arsenite down-regulates the expression of X-linked inhibitor of apoptosis protein via translational and post-translational mechanisms in hepatocellular carcinoma.

Mixture of ferric sodium ethylenediaminetetraacetate (NaFeEDTA) and ferrous sulfate: an effective iron fortificant for complementary foods for young Chinese children.

Maternal diet and dioxin-like activity, bulky DNA adducts and micronuclei in mother-newborns.

Quantitative imaging of arsenic and its species in goat following long term oral exposure.

New agents promote neuroprotection in Parkinson's disease models.

Antenatal imatinib treatment reduces pulmonary vascular remodeling in a rat model of congenital diaphragmatic hernia.

Critical role of microsomal prostaglandin E synthase-1 in the hydronephrosis caused by lactational exposure to dioxin in mice.

Evaluation of paclitaxel/carboplatin in a dose dense or weekly regimen in 66 patients with recurrent or primary metastatic cervical cancer.

The impact of ferritin fluctuations on stable hemoglobin levels in hemodialysis patients.

Gilbert syndrome redefined: a complex genetic haplotype influences the regulation of glucuronidation.

Novel method for simultaneous determination of p-cresylsulphate and p-cresylglucuronide: clinical data and pathophysiological implications.

Iron requirements based upon iron absorption tests are poorly predicted by haematological indices in patients with inactive inflammatory bowel disease.

Comparative study of hypocholesterolemic and hypolipidemic effects of conjugated linolenic acid isomers against induced biochemical perturbations and aberration in erythrocyte membrane fluidity.

Micronutrient status in lactating mothers before and after introduction of fortified flour: cross-sectional surveys in Maela refugee camp.

Adipose tissue and bone marrow-derived stem cells react similarly in an ischaemia-like microenvironment.

Chromosome fragility in river buffalo cows exposed to dioxins.

Treatment with endotracheal therapeutics after sarin microinstillation inhalation exposure increases blood cholinesterase levels in guinea pigs.

Suboptimal response to ferrous sulfate in iron-deficient patients taking omeprazole.

A randomized controlled trial of intravenous or oral iron for posttransplant anemia in kidney transplantation.

[Plummer-Vinson syndrome: report of a case and review of literature].

Aryl hydrocarbon receptor (AhR) regulates silica-induced inflammation but not fibrosis.

Selectively increasing the clearance of protein-bound uremic solutes.

Isolation and identification of C-19 fatty acids with anti-tumor activity from the spores of *Ganoderma lucidum* (reishi mushroom).

Chronic low-level arsenite exposure through drinking water increases blood pressure and promotes concentric left ventricular hypertrophy in female mice.

A metabonomic study of biochemical changes characteristic of genetically hypertensive rats based on ¹H NMR spectroscopic urinalysis.

Two different dosing regimens of human recombinant erythropoietin beta during preoperative autologous blood donation in patients having hip arthroplasty.

[Determination of inorganic toxic anions in blood and urine for diagnosis of their poisoning].

Medication prescribing patterns among chronic kidney disease patients in a hospital in Malaysia.

Thrombocytosis and venous thromboembolism in cancer patients with chemotherapy induced anemia may be related to ESA induced iron restricted erythropoiesis and reversed by administration of IV iron.

Changes in fibrinopeptide A peptides in the sera of rats chronically exposed to low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Polychlorinated biphenyl congeners that increase the glucuronidation and biliary excretion of thyroxine are distinct from the congeners that enhance the serum disappearance of thyroxine.

Efficacy and tolerability of a prolonged release ferrous sulphate formulation in iron deficiency anaemia: a non-inferiority controlled trial.

[Targeting malaria parasite at the level of apicoplast: an update].

Iron depletion and repletion with ferrous sulfate or electrolytic iron modifies the composition and metabolic activity of the gut microbiota in rats.

Synergism between arsenite and proteasome inhibitor MG132 over cell death in myeloid leukaemic cells U937 and the induction of low levels of intracellular superoxide anion.

Clinical evaluation of iron treatment efficiency among non-anemic but iron-deficient female blood donors: a randomized controlled trial.

[Comparative evaluation of efficacy and tolerance of iron polymaltose complex and ferrous sulphate for treatment of iron deficiency anemia in infants].

[Suicidal intoxication with sodium azide--a case report].

Induction of brain microvascular endothelial cell urokinase expression by *Cryptococcus neoformans* facilitates blood-brain barrier invasion.

Global DNA methylation not increased in chronic hemodialysis patients: a case-control study.

Quantitative proteomic analyses of cerebrospinal fluid using iTRAQ in a primate model of iron deficiency anemia.

Oxidative stress-induced glomerular mineralocorticoid receptor activation limits the benefit of salt reduction in Dahl salt-sensitive rats.

[Exploring the mechanism of rhizoma coptidis in treating type II diabetes mellitus based on metabolomics by gas chromatography-mass spectrometry].

Ferrous versus ferric oral iron formulations for the treatment of iron deficiency: a clinical overview.

Enhancing effects of trichloroethylene and tetrachloroethylene on type I allergic responses in mice.

Long-term consequences of iron-fortified flour consumption in nonanemic men.

Circulating levels of persistent organic pollutants (POPs) and carotid atherosclerosis in the elderly.

The removal of protein-bound solutes by dialysis.

An update on protein-bound uremic retention solutes.

Maternal exposure to high levels of dioxins in relation to birth weight in women affected by Yusho disease.

Influence of lactoferrin in preventing preterm delivery: a pilot study.

In vitro evaluation of betamethasone esters for phototoxic potential.

Transgenic tetraploid *Isatis indigotica* expressing Bt Cry1Ac and *Pinellia ternata* agglutinin showed enhanced resistance to moths and aphids.

The effects of some boron compounds against heavy metal toxicity in human blood.

Effects of arsenic exposure during the pre- and postnatal development on the puberty of female offspring.

A pilot study on the stability of toluene in blood from workers.

Effects of carnosine on polyamine levels in red blood cells of patients with hypertonic discirculatory encephalopathy.

Development and validation of prediction models for blood concentrations of dioxins and PCBs using dietary intakes.

Efflux of glutathione and glutathione complexes from human erythrocytes in response to inorganic arsenic exposure.

Permeation and metabolism of cocaine in the nasal mucosa.

Xylo-oligosaccharide (XOS) in combination with inulin modulates both the intestinal environment and immune status in healthy subjects, while XOS alone only shows prebiotic properties.

Arsenic exposure through drinking water is associated with longer telomeres in peripheral blood.

[Comparison of the total arsenic concentration between saliva and blood after oral administration of sodium arsenite to rats].

Environmentally persistent free radicals decrease cardiac function and increase pulmonary artery pressure.

Simultaneous analysis of 28 urinary VOC metabolites using ultra high performance liquid chromatography coupled with electrospray ionization tandem mass spectrometry (UPLC-ESI/MSMS).

Separation and preconcentration of 2,3,7,8-tetrachlorodibenzo-p-dioxin in blood samples by inclusion emulsion membranes and its determination by gas chromatography.

Urinary biomarkers of oxidative status.

Inorganic arsenic impairs proliferation and cytokine expression in human primary T lymphocytes.

Dioxin-like potency of HO- and MeO- analogues of PBDEs' the potential risk through consumption of fish from eastern China.

Low dose and long term toxicity of sodium arsenite caused caspase dependent apoptosis based on morphology and biochemical character.

Genes and environment: novel, functional polymorphism in the human cathepsin L (CTSL1) promoter disrupts a xenobiotic response element (XRE) to alter transcription and blood pressure.

VP2118 has major roles in *Vibrio parahaemolyticus* response to oxidative stress.

Toxicogenomic profiles in relation to maternal immunotoxic exposure and immune functionality in newborns.

Bladder urotoxicity pathophysiology induced by the oxazaphosphorine alkylating agents and its chemoprevention.

Effect of Vitamin E Supplementation on Hematological and Plasma Biochemical Parameters during Long Term Exposure of Arsenic in Goats.

Evaluation of biochemical, hematological and oxidative parameters in mice exposed to the herbicide glyphosate-Roundup®).

Protective Effect of *Psidium guajava* in Arsenic-induced Oxidative Stress and Cytological Damage in Rats.

Analysis of neuroglobin mRNA expression in rat brain due to arsenite-induced oxidative stress.

Blood levels of dioxins, furans, dioxin-like PCBs, and TEQs in general populations: a review, 1989-2010.

An improved synthesis of lysosomal activated mustard prodrug for tumor-specific activation and its cytotoxic evaluation.

Molecular and functional characterization of riboflavin specific transport system in rat brain capillary endothelial cells.

Creatine pretreatment protects cortical axons from energy depletion in vitro.

ABC transporter function and regulation at the blood-spinal cord barrier.

Induction of Apoptosis in the Rat Bone Marrow Mesenchymal Stem Cells Following Sodium Arsenite Treatment with the Dose Lesser than that Used for Treatment of Malignant Patient.

Reduction of Sodium Arsenite-Mediated Adverse Effects in Mice using Dietary Supplementation of Water Hyacinth (*Eichornia crassipes*) Root Powder.

Blood dioxin biomonitoring to assess local residents' exposure from a large urban remediation project.

In vitro propagation of *Dioscorea alata* var. *purpurea*.

Toxicity assessment of 45 pesticides to the epigeic earthworm *Eisenia fetida*.

Sodium azide poisoning at a restaurant - Dallas County, Texas, 2010.

Transcription factor-mediated regulation of carboxylesterase enzymes in livers of mice.

Arsenic toxicity: a heart-breaking saga of a freshwater mollusc.

New analytical method for sensitive quantification of urinary 3-methyl-4-nitrophenol to assess fenitrothion exposure in general population and occupational sprayers.

Expression and purification of the p75 neurotrophin receptor transmembrane domain using a ketosteroid isomerase tag.

Plasma Cytokine Concentrations in Workers Exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

[6]-Gingerol isolated from ginger attenuates sodium arsenite induced oxidative stress and plays a corrective role in improving insulin signaling in mice.

Clinical outcome of veterans with acute coronary syndrome who had been exposed to agent orange.

In vitro comparison of the hemocompatibility of diamond-like carbon and carbon nitride coatings with different atomic percentages of N.

Arsenite promotes apoptosis and dysfunction in microvascular endothelial cells via an alteration of intracellular calcium homeostasis.

Fish liver and seagull eggs, vitamin D-rich foods with a shadow: results from the Norwegian Fish and Game Study.

C and N isotope fractionation during biodegradation of the pesticide metabolite 2,6-dichlorobenzamide (BAM): potential for environmental assessments.

Characterization and fibrinolytic activity of *Acetobacter* sp. FP1 isolated from fermented pine needle extract.

Small calibre biosynthetic bacterial cellulose blood vessels: 13-months patency in a sheep model.

Structural nucleotide analogs are potent activators/inhibitors of pancreatic I^2 cell KATP channels: an emerging mechanism supporting their use as antidiabetic drugs.

Mast cells in the intestine and gills of the sea bream, *Sparus aurata*, exposed to a polychlorinated biphenyl, PCB 126.

The relationship between platelet endothelial cell adhesion molecule-1 and paraquat-induced lung injury in rabbits.

Antioxidant Potential of *Fagonia arabica* against the Chemical Ischemia-Induced in PC12 Cells.

Plasma polychlorinated biphenyls (PCB) levels of workers in a transformer recycling company, their family members, and employees of surrounding companies.

Tissue concentrations of pesticides, PCBs and metals among ospreys, *Pandion haliaetus*, collected in France.

Assessing single and joint effects of chemicals on the survival and reproduction of *Folsomia candida* (Collembola) in soil.

Identification of ketoconazole as an AhR-Nrf2 activator in cultured human keratinocytes: the basis of its anti-inflammatory effect.

[Negative paraquaturia does not exclude paraquat fatal poisoning].

Menstrual cycle characteristics and reproductive hormone levels in women exposed to atrazine in drinking water.

Medical management of paraquat ingestion.

Effects of glyphosate and polyoxyethylenamine on growth and energetic reserves in the freshwater crayfish *Cherax quadricarinatus* (Decapoda, Parastacidae).

[Paraquat (PQ) clearance through continuous plasma perfusion in PQ poisoning patients: a clinical study].

[Pulmonary platelet endothelial cell adhesion molecule-1 (PECAM-1) in rabbits after acute paraquat (PQ) poisoning].

[An evidence-based treatment design for paraquat (PQ) poisoning].

Prognostic significance of arterial blood gas analysis in the early evaluation of paraquat poisoning patients.

Protective effect of *Ginkgo biloba* L. leaf extract against glyphosate toxicity in Swiss albino mice.

Genotoxic effects of chlorophenoxy herbicide diclofop-methyl in mice in vivo and in human lymphocytes in vitro.

The differential effect of atrazine on luteinizing hormone release in adrenalectomized adult female Wistar rats.

Genotoxic effects of chlorpyrifos, cypermethrin, endosulfan and 2,4-D on human peripheral lymphocytes cultured from smokers and nonsmokers.

Exposure to arsenic in drinking water is associated with increased prevalence of diabetes: a cross-sectional study in the Zimapán and Lagunera regions in Mexico.

[Urinary neutrophil gelatinase-associated lipocalin (uNGAL) and early diagnosis of paraquat poisoning patients with acute kidney injury].

Lysine acetylsalicylate ameliorates lung injury in rats acutely exposed to paraquat.

Protective effects of chitosan oligosaccharide on paraquat-induced nephrotoxicity in rats.

Assessment of fetal brain uptake of paraquat in utero using in vivo PET/CT imaging.

Investigation into modification of mass transfer kinetics by acrolein in a renal biochip.

Acrolein inhalation prevents vascular endothelial growth factor-induced mobilization of Flk-1+/Sca-1+ cells in mice.

Waterborne exposure to clodinafop-propargyl disrupts the posterior and ventral development of zebrafish embryos.

Ameliorative action of melatonin on oxidative damage induced by atrazine toxicity in rat erythrocytes.

Granulocyte macrophage-colony stimulating factor protects against substantia nigra dopaminergic cell loss in an environmental toxin model of Parkinson's disease.

Effect of two herbicides on *Xenylla welchi* (Hexapoda:Collembola) under laboratory conditions.

In vivo genotoxicity evaluation of atrazine and atrazine-based herbicide on fish *Carassius auratus* using the micronucleus test and the comet assay.

Role of growth factors in acute lung injury induced by paraquat in a rat model.

Diuron exposure induces systemic and organ-specific toxicity following acute and sub-chronic exposure in male Wistar rats.

Risk of aplastic anemia and pesticide and other chemical exposures.

Maternal and fetal exposure to pesticides associated to genetically modified foods in Eastern Townships of Quebec, Canada.

Should atrazine and related chlorotriazines be considered carcinogenic for human health risk assessment?

Protection of bone marrow mesenchymal stem cells from acute lung injury induced by paraquat poisoning.

Tissue plasminogen activator and plasminogen activator inhibitor-1 levels in patients with acute paraquat intoxication.

Mortality of US pentachlorophenol production workers through 2005.

A review of epidemiologic studies of triazine herbicides and cancer.

Toxicokinetics, including saturable protein binding, of 4-chloro-2-methyl phenoxyacetic acid (MCPA) in patients with acute poisoning.

Mutagenic and genotoxic assessment of atrazine-based herbicide to freshwater fish *Channa punctatus* (Bloch) using micronucleus test and single cell gel electrophoresis.

[Study on the prognosis of patients with acute paraquat intoxication].

Inadvertent poisoning of seven teenagers with monosodium methanearsonate.

A physiologically based pharmacokinetic model for atrazine and its main metabolites in the adult male C57BL/6 mouse.

Aseptic meningitis in association with glyphosate-surfactant herbicide poisoning.

Mutagenic impact on fish of runoff events in agricultural areas in south-west France.

Analysis of acrolein-derived 1,N²-propanodeoxyguanosine adducts in human leukocyte DNA from smokers and nonsmokers.

The effects of Click 500 SC (terbuthylazine) on common carp *Cyprinus carpio* under (sub)chronic conditions.

Pesticide risk assessment: A study on inhalation and dermal exposure to 2,4-D and paraquat among Malaysian paddy farmers.

Baseline determination in social, health, and genetic areas in communities affected by glyphosate aerial spraying on the northeastern Ecuadorian border.

Evaluation of suppressive effects of paraquat on innate immunity in Balb/c mice.

More data on the effect of haemoperfusion for acute poisoning is required.

Altered hematological and immunological parameters in silver catfish (*Rhamdia quelen*) following short term exposure to sublethal concentration of glyphosate.

Giemsa versus acridine orange staining in the fish micronucleus assay and validation for use in water quality monitoring.

Pathological and genotoxic effects of atrazine in male Japanese quail (*Coturnix japonica*).

Construction of river model biofilm for assessing pesticide effects.

Suicide victim of paraquat poisoning make suitable corneal donor.

The effects of catalase inhibition into the fourth cerebral ventricle on the Bezold-Jarisch reflex in spontaneously hypertensive rats.

Functional characterization of transmembrane intracellular pH regulators and mechanism of alcohol-induced intracellular acidosis in human umbilical cord blood stem cell-like cells.

Endogenous hydrogen peroxide in paraventricular nucleus mediates sympathetic activation and enhanced cardiac sympathetic afferent reflex in renovascular hypertensive rats.

2-Methoxycinnamaldehyde inhibits tumor angiogenesis by suppressing Tie2 activation.

Protein conjugated with aldehydes derived from lipid peroxidation as an independent parameter of the carbonyl stress in the kidney damage.

Therapeutic potential of Nrf2 activators in streptozotocin-induced diabetic nephropathy.

TRPV1 and TRPA1 stimulation induces MUC5B secretion in the human nasal airway in vivo.

Cinnamaldehyde protects from the hypertension associated with diabetes.

Protein-conjugated acrolein as a biochemical marker of brain infarction.

[Mechanism of cinnamic aldehyde-inducing apoptosis of chronic myeloid leukemic cells in vitro].

Oral exposure to acrolein exacerbates atherosclerosis in apoE-null mice.

Arsenic methylation capacity and its correlation with skin lesions induced by contaminated drinking water consumption in residents of chronic arsenicosis area.

Catalase inhibition into the fourth cerebral ventricle affects bradycardic parasympathetic response to increase in arterial pressure without changing the baroreflex.

Urine arsenic and hypertension in US adults: the 2003-2008 National Health and Nutrition Examination Survey.

Brain infarction correlates more closely with acrolein than with reactive oxygen species.

Reduced coupling of oxidative phosphorylation in vivo precedes electron transport chain defects due to mild oxidative stress in mice.

Therapeutic effects of cinnamaldehyde and potentiation of its efficacy in combination with methylcellulose on murine oral candidiasis.

Use of polyamine metabolites as markers for stroke and renal failure.

Short-term germ-killing effect of sugar-sweetened cinnamon chewing gum on salivary anaerobes associated with halitosis.

Simiranes A and B: erythroxylenes diterpenes and other compounds from *Simira eliezeriana* (Rubiaceae).

Construction, expression, and characterization of a single-chain variable fragment antibody against 2,4-dichlorophenoxyacetic acid in the hemolymph of silkworm larvae.

The chemotherapy metabolite acrolein upregulates thrombin generation and impairs the protein C anticoagulant pathway in animal-based and cell-based models.

Changes in serum concentrations of polychlorinated biphenyls (PCBs), hydroxylated PCB metabolites and pentachlorophenol during pregnancy.

The activity and hydrogen peroxide sensitivity of the peroxiredoxins from the parasitic nematode *Haemonchus contortus*.

Effects of exogenous glutathione on arsenic burden and NO metabolism in brain of mice exposed to arsenite through drinking water.

Arsenic methylation efficiency increases during the first trimester of pregnancy independent of folate status.

Increased oxidative/nitrosative stress markers measured non-invasively in patients with high 2,3,7,8-tetrachloro-dibenzo-p-dioxin plasma level.

TRPA1 receptors mediate environmental irritant-induced meningeal vasodilatation.

Chronic subhepatotoxic exposure to arsenic enhances hepatic injury caused by high fat diet in mice.

Intermittent iron supplementation for reducing anaemia and its associated impairments in menstruating women.

Community-led initiative for control of anemia among children 6 to 35 months of age and unmarried adolescent girls in rural Wardha, India.

The management of iron deficiency in menometrorrhagia.

Environmental- and injury-related epidemic-assistance investigations, 1946-2005.

Antiplatelet effect by p-cresol, a uremic and environmental toxicant, is related to inhibition of reactive oxygen species, ERK/p38 signaling and thromboxane A2 production.

Weekly iron supplementation for the prevention of anemia in pre-school children: a randomized, double-blind, placebo-controlled trial.

Low-level subchronic arsenic exposure from prenatal developmental stages to adult life results in an impaired glucose homeostasis.

Supplementation with oral vs. intravenous iron for anemia with IBD or gastrointestinal bleeding: is oral iron getting a bad rap?

Mitochondrial ERK plays a key role in $\hat{\nu}$ -opioid receptor neuroprotection against acute mitochondrial dysfunction.

Efficacy and safety of oral iron(III) polymaltose complex versus ferrous sulfate in pregnant women with iron-deficiency anemia: a multicenter, randomized, controlled study.

Discovery of potent, selective, and orally bioavailable alkynylphenoxyacetic acid CRTH2 (DP2) receptor antagonists for the treatment of allergic inflammatory diseases.

Nrf2 protects against 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced oxidative injury and steatohepatitis.

Heated indoor swimming pools, infants, and the pathogenesis of adolescent idiopathic scoliosis: a neurogenic hypothesis.

Protective role of the methanolic extract of *Icacina trichantha* on sodium arsenite induced genotoxicity and hepatotoxicity.

[Implementation and impact of the National Iron Supplementation Program in the city of Viãosa, State of Minas Gerais].

The possible roles of environmental factors and the aryl hydrocarbon receptor in the prevalence of thyroid diseases in Vietnam era veterans.

Molecular targets that link dioxin exposure to toxicity phenotypes.

Hemoglobin regeneration efficiency in anemic rats: effects on bone mineral composition and biomechanical properties.

Impact of prophylactic iron supplementation in healthy pregnant women on maternal iron status and birth outcome.

Calcium does not inhibit the absorption of 5 milligrams of nonheme or heme iron at doses less than 800 milligrams in nonpregnant women.

Vascular hyperpermeability in response to inflammatory mustard oil is mediated by Rho kinase in mice systemically exposed to arsenic.

Protective effects of quercetin and chrysin against 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induced oxidative stress, body wasting and altered cytokine productions in rats.

Development of fortified biscuit using NaFeEDTA.

Vitamin B12 protects against superoxide-induced cell injury in human aortic endothelial cells.

Determination of uremic solutes in biological fluids of chronic kidney disease patients by HPLC assay.

Comparison of the concentrations of polychlorinated biphenyls and dioxins in mothers affected by the Yusho incident and their children.

Interactive effect of arsenic and fluoride on cardio-respiratory disorders in male rats: possible role of reactive oxygen species.

Fulminant hepatic failure in woman with iron and non-steroidal anti-inflammatory drug intoxication.

Environmental factors and endometriosis.

De novo once-monthly darbepoetin alpha treatment for the anemia of chronic kidney disease using a computerized algorithmic approach.

Could *Malassezia* yeasts be implicated in skin carcinogenesis through the production of aryl-hydrocarbon receptor ligands?

Reproductive toxicity parameters and biological monitoring in occupationally and environmentally boron-exposed persons in Bandirma, Turkey.

Cysteine-3 and cysteine-4 are essential for the thioredoxin-like oxidoreductase and antioxidant activities of *Plasmodium falciparum* macrophage migration inhibitory factor.

In vitro and in vivo evaluation of chemically modified degradable starch microspheres for topical haemostasis.

Long-term effects on humoral immunity among workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Characterization of estrogen quinone-derived protein adducts and their identification in human serum albumin derived from breast cancer patients and healthy controls.

Vascular incompetence in dialysis patients--protein-bound uremic toxins and endothelial dysfunction.

Clearance of p-cresol sulfate and β_2 -microglobulin from dialysate by commercially available sorbent technology.

Fortification iron as ferrous sulfate plus ascorbic acid is more rapidly absorbed than as sodium iron EDTA but neither increases serum nontransferrin-bound iron in women.

Concomitant exposure to arsenic and organophosphates on tissue oxidative stress in rats.

Effects of prenatal exposure to dioxin-like compounds on allergies and infections during infancy.

Therapeutic efficacy of silymarin and naringenin in reducing arsenic-induced hepatic damage in young rats.

Plasma levels of polychlorinated biphenyls and risk of cutaneous malignant melanoma: a preliminary study.

Epidemiological approaches in the investigation of environmental causes of cancer: the case of dioxins and water disinfection by-products.

Recommendations on iron questioned.

Exclusively breastfed infants: iron recommendations are premature.

Concerns with early universal iron supplementation of breastfeeding infants.

Comparison of plasma and dry blood spots as samples for the determination of nitrofurantoin (NTBC) by high-performance liquid chromatography-tandem mass spectrometry. Study of the stability of the samples at different temperatures.

Mitochondrial uncoupling agents trigger ventricular fibrillation in isolated rat hearts.

Iron deficiency up-regulates iron absorption from ferrous sulphate but not ferric pyrophosphate and consequently food fortification with ferrous sulphate has relatively greater efficacy in iron-deficient individuals.

Prenatal TCDD in mice increases adult autoimmunity.

Arsenite-induced apoptosis is prevented by selenite in A375 cell line.

Shelf stability, sensory qualities, and bioavailability of iron-fortified Nepalese curry powder.

Residential pesticides and childhood leukemia: a systematic review and meta-analysis.

Haemoglobin mass in an anaemic female endurance runner before and after iron supplementation.

Effect of quercetin on formation of choroidal neovascularization (CNV) in age-related macular degeneration(AMD).

Central and peripheral mechanisms underlying gastric distention inhibitory reflex responses in hypercapnic-acidotic rats.

The nutritive value of grasspea (*Lathyrus sativus*) and allied species, their toxicity to animals and the role of malnutrition in neurolathyrism.

Haemoglobin-induced oxidative stress is associated with both endogenous peroxidase activity and H₂O₂ generation from polyunsaturated fatty acids.

Chromosome fragility in dairy cows exposed to dioxins and dioxin-like PCBs.

Effects of synbiotic treatment on serum level of p-cresol in haemodialysis patients: a preliminary study.

p-Cresyl sulphate and indoxyl sulphate predict progression of chronic kidney disease.

A case report of concomitant paroxysmal nocturnal hemoglobinuria and heterozygous β^2 -thalassemia.

Acute tubular necrosis due to cutaneous contact with cresol.

Neuroprotective effects of KR-62980, a new PPAR α agonist, against chemical ischemia-reperfusion in SK-N-SH cells.

[Effect of iron supplementation on maximal oxygen uptake in female athletes].

Prenatal TCDD causes persistent modulation of the postnatal immune response, and exacerbates inflammatory disease, in 36-week-old lupus-like autoimmune SNF1 mice.

[Ferrous sulfate: acute poisoning with a frequent use drug].

Case-control study of risk factors of myelodysplastic syndromes according to World Health Organization classification in a Chinese population.

Reduction of blood lead levels in lead-exposed mice by dietary supplements and natural antioxidants.

Simultaneous exposure of non-diabetics to high levels of dioxins and mercury increases their risk of insulin resistance.

AhR2-mediated, CYP1A-independent cardiovascular toxicity in zebrafish (*Danio rerio*) embryos exposed to retene.

Monitoring tyrosinaemia type I: Blood spot test for nitisinone (NTBC).

Association between glycodeilin and aryl hydrocarbon receptor in Iranian breast cancer patients: impact of environmental endocrine disrupting chemicals.

Moderate NaFeEDTA and ferrous sulfate supplementation can improve both hematologic status and oxidative stress in anemic pregnant women.

Factors determining compliance to routine iron supplementation in pregnancy at the University of Portharcout Teaching Hospital.

Total infusion of low molecular weight iron-dextran for treating postpartum anemia.

Does uremia cause vascular dysfunction?

Chronic exposure to arsenite induces S100A8 and S100A9 expression in rat RBL-2H3 mast cells.

Prevalence of anemia among preschoolers and response to iron supplementation.

Acute arsine poisoning confirmed by speciation analysis of arsenic compounds in the plasma and urine by HPLC-ICP-MS.

Phase III, randomized study of the effects of parenteral iron, oral iron, or no iron supplementation on the erythropoietic response to darbepoetin alfa for patients with chemotherapy-associated anemia.

Efficacy of intravenous iron for treating postpartum anemia in low-resource African countries: a pilot study in Malawi.

Basolateral potassium (IKCa) channel inhibition prevents increased colonic permeability induced by chemical hypoxia.

Residential exposure to pesticides and childhood leukaemia: a systematic review and meta-analysis.

A comparison of the bioavailability of ferrous fumarate and ferrous sulfate in non-anemic Mexican women and children consuming a sweetened maize and milk drink.

Gold kiwifruit consumed with an iron-fortified breakfast cereal meal improves iron status in women with low iron stores: a 16-week randomised controlled trial.

Functional Characterization of Hypertrehalosemic Hormone Receptor in Relation to Hemolymph Trehalose and to Oxidative Stress in the Cockroach *Blattella germanica*.

Blood and urine levels of long half-life toxicants by nativity among immigrants to the United States.

Concentrations of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, and polychlorinated biphenyls in blood and breast milk collected from pregnant women in Sapporo City, Japan.

Bayer CropScience's position on the findings of glufosinate and its metabolite.

Dietary ligands of the aryl hydrocarbon receptor induce anti-inflammatory and immunoregulatory effects on murine dendritic cells.

Rat H9c2 cardiac myocytes are sensitive to arsenite due to a modest activation of transcription factor Nrf2.

Correlations of fish intake and plasma docosahexaenoic acid levels with each congener of PCDDs/PCDFs/dioxin-like PCBs in blood from the Japanese population.

Construction and characterization of hepatocyte nuclear factor HNF4alpha1 over-expressing cell line derived from human hepatoma HepG2 cells.

Daily versus intermittent iron supplementation in pregnant women.

Gene expression and inducibility of the aryl hydrocarbon receptor-dependent pathway in cultured bovine blood lymphocytes.

Evaluation of non cyanide methods for hemoglobin estimation.

Developmental effects related to angiogenesis and osteogenic differentiation in Salmon larvae continuously exposed to dioxin-like 3,3',4,4'-tetrachlorobiphenyl (congener 77).

Using condition factor and blood variable biomarkers in fish to assess water quality.

Transcriptomics identifies differences between ultrapure non-dioxin-like polychlorinated biphenyls (PCBs) and dioxin-like PCB126 in cultured peripheral blood mononuclear cells.

Oxidative stress biomarkers and acetylcholinesterase activity in human erythrocytes exposed to clomazone (in vitro).

Protective activity of the *Uncaria tomentosa* extracts on human erythrocytes in oxidative stress induced by 2,4-dichlorophenol (2,4-DCP) and catechol.

Enhancing effect of zinc on L-histidine transport in rat lung microvascular endothelial cells.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on steroid concentrations in blood and gonads of chicken embryo.

Severe cyclophosphamide-induced haemorrhagic cystitis treated with hyperbaric oxygen.

Characterization of iodinated adrenomedullin derivatives suitable for lung nuclear medicine.

Hydroxytyrosol, the phenolic compound of olive oil protects human PBMC against oxidative stress and DNA damage mediated by 2,3,7,8-TCDD.

Development of a co-culture model for in vitro toxicological studies in Atlantic salmon.

Reduced cytochrome P4501A activity and recovery from oxidative stress during subchronic benzo[a]pyrene and benzo[e]pyrene treatment of rainbow trout.

Role of zebrafish cytochrome P450 CYP1C genes in the reduced mesencephalic vein blood flow caused by activation of AHR2.

Modulation of mast cell adhesion, proliferation, and cytokine secretion on electrospun bioresorbable vascular grafts.

Hemocytes and humoral factors in silkworm blood are cooperatively involved in sheep erythrocyte aggregation.

Oral ferrous sulfate does not increase preoperative hemoglobin in patients scheduled for hip or knee arthroplasty.

Activating PKC- ζ 1 at the blood-brain barrier reverses induction of P-glycoprotein activity by dioxin and restores drug delivery to the CNS.

Assessing the genotoxic potentials of arsenic in tilapia (*Oreochromis mossambicus*) using alkaline comet assay and micronucleus test.

Role of mitochondria in the maintenance of platelet function during in vitro storage.

An occupational exposure assessment of polychlorinated dibenzo-p-dioxin and dibenzofurans in firefighters.

Novel hormonal delivery method using the ink-jet technology: application to pulmonary insulin therapies.

Effect of dioxin exposure on several indices of blood redox status in lactating buffalo cows.

Biomedicine in the environment: cyclotides constitute potent natural toxins in plants and soil bacteria.

Sex, BMI and age in addition to dietary intakes influence blood concentrations and congener profiles of dioxins and PCBs.

Tissue-specific and dose-related accumulation of arsenic in mouse offspring following maternal consumption of arsenic-contaminated water.

[The difference between male and female dioxin concentrations in the blood of Yusho patients].

[Promotive excretion of causative agents of Yusho by fermented brown rice with *Aspergillus oryzae* in Yusho patients].

[Relationship between half-lives of blood dioxins and possible metabolic mechanism].

[Differences in prenatal care between health services under the Family Health Strategy and traditional primary care clinics in Rio Grande, Rio Grande do Sul State, Brazil].

Correlations of PCBs, DIOXIN, and PBDE with TSH in children's blood in areas of computer E-waste recycling.

Fetal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin induces expression of the chemokine genes Cxcl4 and Cxcl7 in the perinatal mouse brain.

Protective effect of pretreatment with cilostazol on cytotoxicity of cadmium and arsenite in cultured vascular endothelial cells.

Standard operating procedures for pre-analytical handling of blood and urine for metabolomic studies and biobanks.

Stability of tissue PO₂ in the face of altered perfusion: a phenomenon specific to the renal cortex and independent of resting renal oxygen consumption.

Bacterial cellulose as a potential vascular graft: Mechanical characterization and constitutive model development.

The ATP-binding cassette transporter ABCB6 is induced by arsenic and protects against arsenic cytotoxicity.

Acute disruption of bone marrow hematopoiesis by benzo(a)pyrene is selectively reversed by aryl hydrocarbon receptor-mediated processes.

Cyclooxygenase-2 contributes to functional changes seen on experimental hemorrhagic cystitis induced by ifosfamide in rat urinary bladder.

Realgar and realgar-containing Liu-Shen-Wan are less acutely toxic than arsenite and arsenate.

H₂O₂ is the transferrable factor mediating flow-induced dilation in human coronary arterioles.

Adenosine A2 receptors are involved in the activation of ATP-sensitive K⁺ currents during metabolic inhibition in guinea pig ventricular myocytes.

Manganese uptake and distribution in the brain after methyl bromide-induced lesions in the olfactory epithelia.

Polymorphisms in arsenic(+III oxidation state) methyltransferase (AS3MT) predict gene expression of AS3MT as well as arsenic metabolism.

C-reactive protein makes human endothelium stiff and tight.

Human CYP2S1 metabolizes cyclooxygenase- and lipoxygenase-derived eicosanoids.

Aryl hydrocarbon receptor-mediated up-regulation of ATP-driven xenobiotic efflux transporters at the blood-brain barrier.

Realgar- and cinnabar-containing an-gong-niu-huang wan (AGNH) is much less acutely toxic than sodium arsenite and mercuric chloride.

Saturated hydrogen saline protects rats from acute lung injury induced by paraquat.

A dominant negative zebrafish Ahr2 partially protects developing zebrafish from dioxin toxicity.

Efficacy, Tolerability, and Acceptability of Iron Hydroxide Polymaltose Complex versus Ferrous Sulfate: A Randomized Trial in Pediatric Patients with Iron Deficiency Anemia.

NTP toxicity studies of toxicity studies of 2,4-decadienal (CAS No. 25152-84-5) administered by gavage to F344/N Rats and B6C3F1 mice.

Polychlorinated dioxins, furans, and biphenyls in blood of children and adults living in a dioxin-contaminated area in Tokyo.

Evaluation of Iron-induced Oxidative Stress and its Amelioration by Certain Herbs in Broilers.

Glutathione biosynthesis via activation of the nuclear factor E2-related factor 2 (Nrf2)--antioxidant-response element (ARE) pathway is essential for neuroprotective effects of sulforaphane and 6-(methylsulfinyl) hexyl isothiocyanate.

Dioxin furan blood lipid and attic dust concentrations in populations living near four wood treatment facilities in the United States.

Dietary patterns and blood levels of PCDDs, PCDFs, and dioxin-like PCBs in 1656 Japanese individuals.

9.3 KDa components of the injected venom of *Conus purpurascens* define a new five-disulfide conotoxin framework.

Paraquat induces cyclooxygenase-2 (COX-2) implicated toxicity in human neuroblastoma SH-SY5Y cells.

Influence of quercetin on haematological indices and biomarkers of oxidative stress in the serum of rats exposed to atrazine.

Association of the superoxide dismutase (V16A) and catalase (C262T) genetic polymorphisms with the clinical outcome of patients with acute paraquat intoxication.

A fatal case of paraquat ingestion: clinical course and review of pathophysiology.

[Hypothetical link between endometriosis and xenobiotics-associated genetically modified food].

[Successful rescue of a child with paraquat poisoning by using blood purification].

Exposure to acrolein by inhalation causes platelet activation.

Effects of Roundup Transorb on fish: hematology, antioxidant defenses and acetylcholinesterase activity.

[Extreme hyperkalemia in a patient with a new glyphosate potassium herbicide poisoning: report of a case].

European eel (*Anguilla anguilla*) genotoxic and pro-oxidant responses following short-term exposure to Roundup--a glyphosate-based herbicide.

Impacts of mixtures of herbicides on molecular and physiological responses of the European flounder *Platichthys flesus*.

Role of autophagy in protection afforded by hypoxic preconditioning against MPP⁺-induced neurotoxicity in SH-SY5Y cells.

Dietary olive oil effect on antioxidant status and fatty acid profile in the erythrocyte of 2,4-D- exposed rats.

Predicting acute complicated glyphosate intoxication in the emergency department.

Joint effects of three plant protection products to the terrestrial isopod *Porcellionides pruinosus* and the collembolan *Folsomia candida*.

An interesting case of iron deficiency anemia.

Use of a lipid emulsion in a patient with refractory hypotension caused by glyphosate-surfactant herbicide.

A deuterohemin peptide extends lifespan and increases stress resistance in *Caenorhabditis elegans*.

Alterations in Ca²⁺ homeostasis in rat erythrocytes with atrazine treatment: positive modulation by vitamin E.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.

Fatality in paraquat poisoning.

Postmortem distribution of ametryn in the blood and organ tissues of an herbicide-poisoning victim.

Immunotoxicity of paraquat after subacute exposure to mice.

Acrolein increases 5-lipoxygenase expression in murine macrophages through activation of ERK pathway.

Gene transcription in *Daphnia magna*: effects of acute exposure to a carbamate insecticide and an acetanilide herbicide.

Pentachlorophenol and its derivatives induce oxidative damage and morphological changes in human lymphocytes (in vitro).

[Expression of angiotensin converting enzyme and angiotensin converting enzyme 2 gene in lung of paraquat poisoning rats and protection of sodium dimercaptopropane sulfonate].

[Analysis of cardiac toxicity caused by cyclophosphamide in the H9c2 cell line and isolated and perfused rat hearts].

Transposon insertion in a serine-specific minor tRNA coding sequence affects intraperitoneal survival of *Haemophilus influenzae* in the infant rat model.

Acute human self-poisoning with bispyribac-containing herbicide Nominee: a prospective observational study.

Brain toxicokinetics of prometryne in mice.

Oxidative stress induced by atrazine in rat erythrocytes: mitigating effect of vitamin E.

Effects of sub-chronic exposure to terbutryn in common carp (*Cyprinus carpio* L.).

Perturbation of lipids and glucose metabolism associated with previous 2,4-D exposure: a cross-sectional study of NHANES III data, 1988-1994.

Acrolein consumption induces systemic dyslipidemia and lipoprotein modification.

A prospective observational study of the clinical toxicology of glyphosate-containing herbicides in adults with acute self-poisoning.

Plasma level of malondialdehyde in the cases of acute paraquat intoxication.

Toxicokinetics and recovery studies of dicamba dimethyl amine salt in goats following single oral administration.

[Acute poisoning due to chemical substances inducing methemoglobinemia--two cases report].

Clinical outcome of hemoperfusion in poisoned patients.

Simultaneous effects of nicotine, acrolein, and acetaldehyde on osteogenic-induced bone marrow cells cultured on plasma-sprayed titanium implants.

Environmental damage to the retina and preconditioning: contrasting effects of light and hyperoxic stress.

Effects of exogenous GSH and methionine on methylation of inorganic arsenic in mice exposed to arsenite through drinking water.

Cytotoxic effect of trans-cinnamaldehyde on human leukemia K562 cells.

Arsenic trioxide and ascorbic acid demonstrate promising activity against primary human CLL cells in vitro.

Selective stimulation by cinnamaldehyde of progesterone secretion in human adrenal cells.

Modulation of the reaction of vascular smooth muscle cells to angiotensin II induced by catalase and aminotriazol during ischemia-reperfusion.

Polychlorinated dibenzo-p-dioxins and dibenzofurans in blood and breast milk samples from residents of a schistosomiasis area with Na-PCP application in China.

Cinnamaldehyde in feedlot cattle diets: intake, growth performance, carcass characteristics, and blood metabolites.

Ameliorative effect of the cinnamon oil from *Cinnamomum zeylanicum* upon early stage diabetic nephropathy.

Dioxin exposure and insulin resistance in Taiwanese living near a highly contaminated area.

Substance MCS-18 isolated from *Helleborus purpurascens* is a potent antagonist of the capsaicin receptor, TRPV1, in rat cultured sensory neurons.

TCDD exposure estimation for workers at a New Zealand 2,4,5-T manufacturing facility based on serum sampling data.

Dose response to cinnamaldehyde supplementation in growing beef heifers: ruminal and intestinal digestion.

The herbicide ketoclofomazone inhibits 1-deoxy-D-xylulose 5-phosphate synthase in the 2-C-methyl-D-erythritol 4-phosphate pathway and shows antibacterial activity against *Haemophilus influenzae*.

Evidence for the pathophysiological relevance of TRPA1 receptors in the cardiovascular system in vivo.

Genetic polymorphism of As3MT and delayed urinary DMA excretion after organic arsenic intake from oyster ingestion.

Distribution and metabolism of four different dimethylated arsenicals in hamsters.

[Gas chromatography for determination of blood trifluralin].

ATZ (3-amino-1,2,4-triazole) injected into the fourth cerebral ventricle influences the Bezold-Jarisch reflex in conscious rats.

[Prof. Dr. Ivãjn Bernãjt (1915-1991)].

Effect of defatted methanolic extract of *Holarrhena floribunda* leaves in sodium arsenite-induced clastogenicity in Wistar albino rats.

[Effects of Î±-lipoic acid and vitamin C on oxidative stress in rat exposed to chronic arsenic toxicity].

Characterization of developmental neurotoxicity of As, Cd, and Pb mixture: synergistic action of metal mixture in glial and neuronal functions.

Toxicology and carcinogenesis studies of 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (CAS No. 31508-00-6) in female harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 3,3',4,4'-tetrachloroazobenzene (TCAB) (CAS No. 14047-09-7) in Harlan Sprague-Dawley rats and B6C3F1 mice (gavage studies).

Lactoferrin inhibits the growth of nasal polyp fibroblasts.

A case of black urine and dark skin - cresol poisoning.

Interrelationship between exposure to PCDD/Fs and hypertension in metabolic syndrome in Taiwanese living near a highly contaminated area.

A single prenatal exposure to the endocrine disruptor 2,3,7,8-tetrachlorodibenzo-p-dioxin alters developmental myelination and remyelination potential in the rat brain.

Body mass index, agricultural pesticide use, and cancer incidence in the Agricultural Health Study cohort.

Suppression of hepatic oxidative events and regulation of eNOS expression in the liver by naringenin in fructose-administered rats.

[Establishment of an erythroleukemia model in CB6F1 mice by transplant with haploidentical mouse leukemic cell line FBL-3].

Abnormal platelet-derived growth factor signaling accounting for lung hypoplasia in experimental congenital diaphragmatic hernia.

Home intervention improves cognitive and social-emotional scores in iron-deficient anemic infants.

Lymphocyte-based determination of susceptibility to malignant hyperthermia: a pilot study in swine.

Cytochrome P4501A1 is required for vascular dysfunction and hypertension induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Short course pre-operative ferrous sulphate supplementation--is it worthwhile in patients with colorectal cancer?

[Hypothyroidism as the result of drug interaction between ferrous sulfate and levothyroxine].

Anti-mutagenic and pro-apoptotic effects of apigenin on human chronic lymphocytic leukemia cells.

Exposure to selected endocrine disruptors and neonatal outcome of 86 healthy boys from Nice area (France).

Phenotypic anchoring of gene expression after developmental exposure to aryl hydrocarbon receptor ligands in zebrafish.

A prospective randomized, controlled trial of intravenous versus oral iron for moderate iron deficiency anaemia of pregnancy.

Neurodevelopmental toxicity of prenatal polychlorinated biphenyls (PCBs) by chemical structure and activity: a birth cohort study.

Antenatal steroid and tracheal occlusion restore vascular endothelial growth factor receptors in congenital diaphragmatic hernia rat model.

Trends in pregnancy outcomes in Malawian adolescents receiving antimalarial and hematinic supplements.

Does polyamine oxidase activity influence the oxidative metabolism of children who suffer of diabetes mellitus?

Assisted ventilation modes reduce the expression of lung inflammatory and fibrogenic mediators in a model of mild acute lung injury.

Serological cardiovascular and mortality risk predictors in dialysis patients receiving sevelamer: a prospective study.

[Diagnosis and treatment of iron deficiency without anaemia].

Arsenic antagonizes the Hedgehog pathway by preventing ciliary accumulation and reducing stability of the Gli2 transcriptional effector.

Elevated soluble transferrin receptor levels reflect increased erythropoietic drive rather than iron deficiency in pediatric sickle cell disease.

Sub-chronic arsenic exposure aggravates nephrotoxicity in experimental diabetic rats.

Copper sulphate toxicity in a young male complicated by methemoglobinemia, rhabdomyolysis and renal failure.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) reverses hyperglycemia in a type II diabetes mellitus rat model by a mechanism unrelated to PPAR gamma.

Functional and phenotypic effects of AhR activation in inflammatory dendritic cells.

Factors associated with blood concentrations of indoxyl sulfate and p-cresol in patients undergoing peritoneal dialysis.

Functional properties of RYR1 mutations identified in Swedish patients with malignant hyperthermia and central core disease.

The use of haemofiltration for severe iron overdose.

All the wrong moves: a clinical review of restless legs syndrome, periodic limb movements of sleep and wake, and periodic limb movement disorder.

Withdrawal symptoms after gabapentin discontinuation.

Lactoferrin efficacy versus ferrous sulfate in curing iron deficiency and iron deficiency anemia in pregnant women.

Oxygen-dependence of metabolic rate in the muscles of craniates.

Once weekly low-dose iron supplementation effectively improved iron status in adolescent girls.

The effect of in vitro tracheal occlusion on branching morphogenesis in fetal lung explants from the rat nitrofen model of congenital diaphragmatic hernia.

Dioxin-like exposures and effects on estrogenic and androgenic exposures and micronuclei frequency in mother-newborn pairs.

Incidence and risk factors for the development of anemia following gastric bypass surgery.

The role of calcium in modulating the reactivity of the smooth muscle cells during ischemia/reperfusion. Part 2.

Enhancement of TAT cell membrane penetration efficiency by dimethyl sulphoxide.

Randomized controlled trial of iron-fortified drinking water in preschool children.

Lactoferrin efficacy versus ferrous sulfate in curing iron disorders in pregnant and non-pregnant women.

Developmental profile in children with iron deficiency anemia and its changes after therapeutic iron supplementation.

Dioxin-like PCBs and endometriosis.

Expression and function of phosphodiesterases in nitrofen-induced congenital diaphragmatic hernia in rats.

Temporal and anatomical sensitivities to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin leading to premature acyclicity with age in rats.

Free p-cresylsulphate is a predictor of mortality in patients at different stages of chronic kidney disease.

Distribution and speciation of arsenic by transplacental and early life exposure to inorganic arsenic in offspring rats.

Revised recommendations for iron fortification of wheat flour and an evaluation of the expected impact of current national wheat flour fortification programs.

Iron deficiency anemia in the pediatric emergency department.

Ischemia induces regulator of G protein signaling 2 (RGS2) protein upregulation and enhances apoptosis in astrocytes.

Stabilization of transcription factor Nrf2 by tBHQ prevents oxidative stress-induced amyloid beta formation in NT2N neurons.

Nonheme-iron absorption in first-degree relatives is highly correlated: a stable-isotope study in mother-child pairs.

Tolerance of arabinoxylan-oligosaccharides and their prebiotic activity in healthy subjects: a randomised, placebo-controlled cross-over study.

Maintenance of elevated versus physiological iron indices in non-anaemic patients with chronic kidney disease: a randomized controlled trial.

Speciation of arsenic trioxide penetrates into cerebrospinal fluid in patients with acute promyelocytic leukemia.

Animal poisoning in Europe. Part 2: Companion animals.

Chronic diseases and early exposure to airborne mixtures: Part III. Potential origin of pre-menopausal breast cancers.

AHR activation by tryptophan--pathogenic hallmark of Th17-mediated inflammation in eosinophilic fasciitis, eosinophilia-myalgia-syndrome and toxic oil syndrome?

Deliberate poisoning with dinitrophenol (DNP): an unlicensed weight loss pill.

Iron supplementation for anemia after hip fracture surgery: a randomized trial of 300 patients.

Albumin as an adjunct to tracheal occlusion in fetal rats with congenital diaphragmatic hernia: a placebo-controlled study.

In vitro studies with 'acatalasemic-like' erythrocytes and hydrogen peroxide: attention to the formation of lysis resistant erythrocytes.

Ischemia-activated microglia induces neuronal injury via activation of gp91phox NADPH oxidase.

Arsenic transformations and biomarkers in meadow voles (*Microtus pennsylvanicus*) living on an abandoned gold mine site in Montague, Nova Scotia, Canada.

Pesticide concentrations in maternal and umbilical cord sera and their relation to birth outcomes in a population of pregnant women and newborns in New Jersey.

Increased levels of total P-Cresylsulphate and indoxyl sulphate are associated with coronary artery disease in patients with diabetic nephropathy.

A combination of iron and retinol supplementation benefits iron status, IL-2 level and lymphocyte proliferation in anemic pregnant women.

Inhibitory effects of uraemic toxins 3-indoxyl sulfate and p-cresol on losartan metabolism in vitro.

Difructose anhydride III enhances bioavailability of water-insoluble iron in anemic Vietnamese women.

Efficacy and safety of ferric carboxymaltose in correcting iron-deficiency anemia: a review of randomized controlled trials across different indications.

Effect of eradication of *Helicobacter pylori* and iron supplementation on the iron status of children with iron deficiency.

The effect of TCDD dioxin on the rat liver in biochemical and histological assessment.

Pseudomelanosis of the stomach.

Residential pesticides and childhood leukemia: a systematic review and meta-analysis.

The absence of interleukin-6 enhanced arsenite-induced renal injury by promoting autophagy of tubular epithelial cells with aberrant extracellular signal-regulated kinase activation.

Neuroprotective effect of s-methylisothiourea in transient focal cerebral ischemia in rat.

Protein-bound uraemic toxin removal in haemodialysis and post-dilution haemodiafiltration.

p-Cresyl sulfate serum concentrations in haemodialysis patients are reduced by the prebiotic oligofructose-enriched inulin.

The safety and efficacy of continuous transcranial duplex Doppler monitoring of middle cerebral artery occlusion in acute stroke patients: comparison of TCDD and thrombolysis in MCA recanalization.

Utilization of iron from an animal-based iron source is greater than that of ferrous sulfate in pregnant and nonpregnant women.

Effects of the compounds MV8608 and MV8612 obtained from *Mandevilla velutina* in the model of hemorrhagic cystitis induced by cyclophosphamide in rats.

Relationship between persistent halogenated organic contaminants and TCDD-toxic equivalents on EROD activity and retinoid and thyroid hormone status in northern fulmars.

Radioiodinated 4-iodo-L-meta-tyrosine, a system L selective artificial amino acid: molecular design and transport characterization in Chinese hamster ovary cells (CHO-K1 cells).

Tissue-based risk assessment of great blue heron (*Ardea herodias*) exposed to PCDD/DF in the Tittabawassee River floodplain, Michigan, USA.

Characterization of the avian aryl hydrocarbon receptor 1 from blood using non-lethal sampling methods.

Five monomeric hemocyanin subunits from *Portunus trituberculatus*: purification, spectroscopic characterization, and quantitative evaluation of phenol monooxygenase activity.

Discriminating between different acute chemical toxicities via changes in the daphnid metabolome.

Transcriptomic profile indicative of immunotoxic exposure: in vitro studies in peripheral blood mononuclear cells.

Serum protein-bound uraemic toxins and clinical outcomes in haemodialysis patients.

Ecological risk assessment of great horned owls (*Bubo virginianus*) exposed to PCDD/DF in the Tittabawassee River floodplain in Midland, Michigan, USA.

Perfluorinated carboxylic acids inhibit cyclooxygenase pathway more potently than 12-lipoxygenase pathway in rat platelets.

Weight-of-evidence analysis of human exposures to dioxins and dioxin-like compounds and associations with thyroid hormone levels during early development.

[Study of between persistent organic pollutants (POPs) content in children vein blood and thyroid stimulating hormone (TSH) in the capacitors dismantlement area].

Inhibition of in vitro cytokine production by human peripheral blood mononuclear cells treated with xenobiotics: implications for the prediction of general toxicity and immunotoxicity.

Modulation of NAD(P)H:quinone oxidoreductase by vanadium in human hepatoma HepG2 cells.

Arsenic induces apoptosis of human umbilical vein endothelial cells through mitochondrial pathways.

Malformation of certain brain blood vessels caused by TCDD activation of Ahr2/Arnt1 signaling in developing zebrafish.

Genomic indicators in the blood predict drug-induced liver injury.

Pulmonary artery pressure responses to increased cardiac output in chickens with raised metabolic rate.

Expression of aryl hydrocarbon receptor in human placentas and fetal tissues.

Properties of blood, porphyrins, and exposure to legacy and emerging persistent organic pollutants in surf scoters (*Melanitta perspicillata*) overwintering on the south coast of British Columbia, Canada.

Acute copper supplementation does not inhibit non-heme iron bioavailability in humans.

Occurrence and risk assessment of acidic pharmaceuticals in the Yellow River, Hai River and Liao River of north China.

Dioxin-like and perfluorinated compounds in pigs in an Indian open waste dumping site: toxicokinetics and effects on hepatic cytochrome P450 and blood plasma hormones.

The effects of dietary boric acid and borax supplementation on lipid peroxidation, antioxidant activity, and DNA damage in rats.

Predicting PCDD/F and dioxin-like PCB contamination levels in bovine edible tissues from in vivo sampling.

Polychlorinated dibenzo-p-dioxins, dibenzofurans, biphenyls, and naphthalenes in plasma of workers deployed at the World Trade Center after the collapse.

Association between As and Cu renal cortex accumulation and physiological and histological alterations after chronic arsenic intake.

A case of toxic epidermal necrolysis (ten) with severe chronic ocular complications in a healthy 46-year-old woman.

Low-dose synergistic immunosuppression of T-dependent antibody responses by polycyclic aromatic hydrocarbons and arsenic in C57BL/6J murine spleen cells.

A 28-day oral toxicity study of fermentation-derived cellulose, produced by *Acetobacter acetii* subspecies *xylinum*, in F344 rats.

Role for tyrosine kinases in contraction of rat penile small arteries.

Influence of blood meal on the responsiveness of olfactory receptor neurons in antennal sensilla trichodea of the yellow fever mosquito, *Aedes aegypti*.

Environmental health risk assessment of dioxin exposure through foods in a dioxin hot spot-Bien Hoa City, Vietnam.

Environmental and human health risk assessment of organic micro-pollutants occurring in a Spanish marine fish farm.

Evaluation of a liver micronucleus assay in young rats (III): a study using nine hepatotoxicants by the Collaborative Study Group for the Micronucleus Test (CSGMT)/Japanese Environmental Mutagen Society (JEMS)-Mammalian Mutagenicity Study Group (MMS).

Hemorrhagic cystitis in a patient receiving docetaxel for prostate cancer.

Effect of rosiglitazone in sodium arsenite-induced experimental vascular endothelial dysfunction.

Dioxin-like activity in the blood of Greenlandic Inuit and Danish women: a pilot study.

Implication of oxidative stress as a cause of autoimmune hemolytic anemia in NZB mice.

A longitudinal study of trends in blood dioxins and dioxin-like compounds levels in residents from two locations in Japan during 2002-2006.

Intravital fluorescent microscopic evaluation of bacterial cellulose as scaffold for vascular grafts.

The aryl hydrocarbon receptor has an important role in the regulation of hematopoiesis: implications for benzene-induced hematopoietic toxicity.

Imaging dermal blood flow through the intact rat skin with an optical clearing method.

Interaction between oxidative stress sensor Nrf2 and xenobiotic-activated aryl hydrocarbon receptor in the regulation of the human phase II detoxifying UDP-glucuronosyltransferase 1A10.

Heparan sulfation-dependent fibroblast growth factor signaling maintains embryonic stem cells primed for differentiation in a heterogeneous state.

The mitochondrial PPR protein LOVASTATIN INSENSITIVE 1 plays regulatory roles in cytosolic and plastidial isoprenoid biosynthesis through RNA editing.

Oxidative stress may modify zinc protoporphyrin/heme ratio in hematofluorometry.

Chitosan nanoparticle-based neuronal membrane sealing and neuroprotection following acrolein-induced cell injury.

Gender-linked haematopoietic and metabolic disturbances induced by a pesticide mixture administered at low dose to mice.

Expression of heat shock protein 70 in lung tissues of acute paraquat poisoned rats and intervention of ulinastatin.

The effect of multigenerational diet containing genetically modified triticale on immune system in mice.

The new generation of intravenous iron: chemistry, pharmacology, and toxicology of ferric carboxymaltose.

[The effect of 2,4-dinitrophenol on the intensity of oxidative processes in the rat liver during prolonged experiment].

Unmetabolized VOCs in urine as biomarkers of low level occupational exposure.

Histone deacetylase inhibitors decrease the antigen presenting activity of murine bone marrow derived dendritic cells.

Laminin-1 induces neurite outgrowth in human mesenchymal stem cells in serum/differentiation factors-free conditions through activation of FAK-MEK/ERK signaling pathways.

Relationship between the concentrations of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, and polychlorinated biphenyls in maternal blood and those in breast milk.

Altered metabolisms of mediators controlling vascular function and enhanced oxidative stress in asymptomatic children with congenital portosystemic venous shunt.

Distinct regulation of insulin receptor substrate-1 and -2 by 90-kDa heat-shock protein in adrenal chromaffin cells.

Exposure assessment at a PCDD/F contaminated site in Sweden--field measurements of exposure media and blood serum analysis.

Lipid oxidation and peroxidation in CNS health and disease: from molecular mechanisms to therapeutic opportunities.

Simultaneous quantification of 1,N2-propano-2'-deoxyguanosine adducts derived from acrolein and crotonaldehyde in human placenta and leukocytes by isotope dilution nanoflow LC nanospray ionization tandem mass spectrometry.

Arsenate and dimethylarsinic acid in drinking water did not affect DNA damage repair in urinary bladder transitional cells or micronuclei in bone marrow.

[Molecular mechanism of erythromycin in the improvement of paraquat-damaged vascular endothelial cell barrier function].

[The mechanism of alleviation of paraquat induced vascular endothelial permeability by erythromycin through adenosine 3'5'-cyclic monophosphate pathway].

Case-control study on risk factors for leukaemia and brain tumours in children under 5 years in Germany.

Alteration of NRSF expression exacerbating 1-methyl-4-phenyl-pyridinium ion-induced cell death of SH-SY5Y cells.

Toxicokinetics of glyphosate and its metabolite aminomethyl phosphonic acid in rats.

[Immunotoxic effect of herbicide simazine exposure in BALB/c mice].

Effects of atrazine on cytochrome P450 enzymes of zebrafish (*Danio rerio*).

Postmortem analyses unveil the poor efficacy of decontamination, anti-inflammatory and immunosuppressive therapies in paraquat human intoxications.

Comparative DNA microarray analysis of human monocyte derived dendritic cells and MUTZ-3 cells exposed to the moderate skin sensitizer cinnamaldehyde.

[Effects of aerial applications of the herbicide glyphosate and insecticides on human health].

[Acute glyphosate-surfactant poisoning with neurological sequels and fatal outcome].

Occupation and risk of parkinsonism: a multicenter case-control study.

Haemocyte lysosomal fragility facing an environmental reality: a toxicological perspective with atrazine and *Lymnaea stagnalis* (Gastropoda, Pulmonata) as a test case.

Subchronic feeding study of grain from herbicide-tolerant maize DP-9814-6 in Sprague-Dawley rats.

Trivalent methylated arsenical-induced phosphatidylserine exposure and apoptosis in platelets may lead to increased thrombus formation.

Mortality rates among trichlorophenol workers with exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Changes of cytokine and nuclear factor-kappa B in acute paraquat poisoned rats].

[Expression of thrombomodulin, endothelial protein C receptor in lung tissue of acute paraquat poisoned rats and intervention of sodium dimercaptopropene sulfonate].

Comparative effects of the formulation of glyphosate-surfactant herbicides on hemodynamics in swine.

Influence of 70 nm silica particles in mice with cisplatin or paraquat-induced toxicity.

Fatal diquat intoxication.

Occupational exposure to metribuzin and the incidence of cancer in the Agricultural Health Study.

Patterns of immunotoxicity associated with chronic as compared with acute exposure to chemical or physical stressors and their relevance with regard to the role of stress and with regard to immunotoxicity testing.

Chronic exposure to high levels of atrazine alters expression of genes that regulate immune and growth-related functions in developing *Xenopus laevis* tadpoles.

Glutathione-S-transferase P protects against endothelial dysfunction induced by exposure to tobacco smoke.

Occupational exposure to pesticides and lymphoid neoplasms among men: results of a French case-control study.

Development of PBPK model of molinate and molinate sulfoxide in rats and humans.

Human cord blood CD133+ stem cells transplanted to nod-scid mice provide conditions for regeneration of olfactory neuroepithelium after permanent damage induced by dichlobenil.

Western blot analysis for 4-hydroxy-2-nonenal (HNE)-modified proteins in paraquat-treated mice.

Agrichemicals in surface water and birth defects in the United States.

Effects of acute exposure to metribuzin on some hematological, biochemical and histopathological parameters of common carp (*Cyprinus carpio* L.).

Responsiveness of the interrenal tissue of Jundiá (Rhamdia quelen) to an in vivo ACTH test following acute exposure to sublethal concentrations of agrichemicals.

[Expression of inflammatory factors in lung tissue of acute paraquat poisoned rats].

The effects of prometryne on subchronically treated mice evaluated by SCGE assay.

Oxidant stress-induced liver injury in vivo: role of apoptosis, oncotic necrosis, and c-Jun NH₂-terminal kinase activation.

Serum total antioxidant statuses of survivors and nonsurvivors after acute paraquat poisoning.

Clinical outcomes and kinetics of propanil following acute self-poisoning: a prospective case series.

Effect of a subchronic exposure to simazine on energetic metabolism of common carp (*Cyprinus carpio*).

Genotoxicity of the herbicide formulation Roundup (glyphosate) in broad-snouted caiman (*Caiman latirostris*) evidenced by the Comet assay and the Micronucleus test.

Effects of subchronic exposure to Successor 600 (pethoxamid 600 g L⁻¹) on common carp *Cyprinus carpio*.

Biomonitoring of genotoxic risk in agricultural workers from five colombian regions: association to occupational exposure to glyphosate.

Risks to Colombian amphibian fauna from cultivation of coca (*Erythroxylum coca*): a geographical analysis.

Toxicity of formulated glyphosate (glyphos) and cosmo-flux to larval and juvenile colombian frogs 2. Field and laboratory microcosm acute toxicity.

Toxicity of formulated glyphosate (glyphos) and cosmo-flux to larval Colombian frogs 1. Laboratory acute toxicity.

Coca (*Erythroxylum coca*) Control is Affected by Glyphosate Formulations and Adjuvants.

Comparison between kidney and hemoperfusion for paraquat elimination.

Influence of strain and sex on the metabolic profile of rats in repeated dose toxicological studies.

Increased sensitivity of glutathione S-transferase P-null mice to cyclophosphamide-induced urinary bladder toxicity.

Staphylococcal catalase regulates its virulence and induces arthritis in catalase deficient mice.

Mortality rates among workers exposed to dioxins in the manufacture of pentachlorophenol.

Cardiovascular responses to hydrogen peroxide into the nucleus tractus solitarius.

Chronic intermittent hypobaric hypoxia protects the heart against ischemia/reperfusion injury through upregulation of antioxidant enzymes in adult guinea pigs.

Increased sensitivity of myoblasts to oxidative stress in amyotrophic lateral sclerosis peripheral tissues.

Carotenoid biosynthesis in intraerythrocytic stages of *Plasmodium falciparum*.

Supplementation with plant extracts (carvacrol, cinnamaldehyde and capsaicin): its effects on acid-base status and productive performance in growing/finishing bull calves.

Pharmacokinetics of trifluralin in blood and heart tissue of mice.

Oxidative stress in stroke pathophysiology validation of hydrogen peroxide metabolism as a pharmacological target to afford neuroprotection.

Chronic exposure to the herbicide, atrazine, causes mitochondrial dysfunction and insulin resistance.

Vascular responses to nitrite are mediated by xanthine oxidoreductase and mitochondrial aldehyde dehydrogenase in the rat.

Effects of atrazine and its withdrawal on gonadotropin-releasing hormone neuroendocrine function in the adult female Wistar rat.

Influence of cobalamin on arsenic metabolism in Bangladesh.

Bioaccumulation and biotransformation of brominated and chlorinated contaminants and their metabolites in ringed seals (*Pusa hispida*) and polar bears (*Ursus maritimus*) from East Greenland.

Collagen- and gelatine-based films sealing vascular prostheses: evaluation of the degree of crosslinking for optimal blood impermeability.

The expression of melanin-based plumage is separately modulated by exogenous oxidative stress and a melanocortin.

Spice active principles as the inhibitors of human platelet aggregation and thromboxane biosynthesis.

Atrazine inhibits pulsatile luteinizing hormone release without altering pituitary sensitivity to a gonadotropin-releasing hormone receptor agonist in female Wistar rats.

Metabolism of flufenpyr-ethyl in rats and mice.

Transforming a NEP1 toxin gene into two *Fusarium* spp. to enhance mycoherbicide activity on *Orobanche*--failure and success.

Effect of long-term exposure to simazine on histopathology, hematological, and biochemical parameters in *Cyprinus carpio*.

Paraquat is excluded by the blood brain barrier in rhesus macaque: An in vivo pet study.

Occupational paraquat exposure of agricultural workers in large Costa Rican farms.

Levels of metals and organic substances in workers at a hazardous waste incinerator: a follow-up study.

Lymphatic and portal vein absorption of organochlorine compounds in rats.

Effects of a herbicide-insecticide mixture in freshwater microcosms: risk assessment and ecological effect chain.

Iron in vitro bioavailability and iodine storage stability in double-fortified salt.

Antioxidant activity of mangostin in cell-free system and its effect on K562 leukemia cell line in photodynamic therapy.

Systems metabolic effects of a necator americanus infection in Syrian hamster.

Large-dose intravenous ferric carboxymaltose injection for iron deficiency anemia in heavy uterine bleeding: a randomized, controlled trial.

Safety assessment of leaf curl virus resistant tomato developed using viral derived sequences.

Polymorphisms in arsenic metabolism genes, urinary arsenic methylation profile and cancer.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin disrupts B-cell lymphopoiesis and exacerbates autoimmune disease in 24-week-old SNF1 mice.

The uremic retention solute p-cresyl sulfate and markers of endothelial damage.

Ingestion of ferrous sulfate increases ferremia in patients with short bowel syndrome.

Effects of dioxins, PCBs, and PBDEs on immunology and hematology in adolescents.

Inherited glutathione reductase deficiency and Plasmodium falciparum malaria--a case study.

Modulation of heart rate variability during severe hemorrhage at different rates in conscious rats.

A systematic review and meta-analysis of childhood leukemia and parental occupational pesticide exposure.

Overview of developmental heart defects by dioxins, PCBs, and pesticides.

Effect of prenatal zinc supplementation on birthweight.

Convenient headspace gas chromatographic determination of azide in blood and plasma.

Variation in half-life of penta-chlorodibenzofuran (PeCDF) blood level among Yusho patients.

Prenatal exposure to PCDDs/PCDFs and dioxin-like PCBs in relation to birth weight.

Organochlorine and heavy metals in newborns: results from the Flemish Environment and Health Survey (FLEHS 2002-2006).

Ferrous sulfate versus iron polymaltose complex for treatment of iron deficiency anemia in children.

Oral and intravenous iron treatment in inflammatory bowel disease: hematological response and quality of life improvement.

Effects of prolonged iron overload and low frequency electromagnetic exposure on spatial learning and memory in the young rat.

Post-exposure treatment with nasal atropine methyl bromide protects against microinstillation inhalation exposure to sarin in guinea pigs.

Mortality in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin at a trichlorophenol plant in New Zealand.

Expression of chloride channels in trachea-occluded hyperplastic lungs and nitrofen-induced hypoplastic lungs in rats.

Minocycline attenuates iron neurotoxicity in cortical cell cultures.

Differential cytotoxic effects of arsenic compounds in human acute promyelocytic leukemia cells.

Health profiles of methyl bromide applicators in greenhouses in Turkey.

Lack of DNA polymerase theta (POLQ) radiosensitizes bone marrow stromal cells in vitro and increases reticulocyte micronuclei after total-body irradiation.

Autologous melanoma vaccine induces antitumor and self-reactive immune responses that affect patient survival and depend on MHC class II expression on vaccine cells.

Rationale and design of the oral HEMe iron polypeptide Against Treatment with Oral Controlled Release Iron Tablets trial for the correction of anaemia in peritoneal dialysis patients (HEMATOCRIT trial).

Iron status of breastfed infants is improved equally by medicinal iron and iron-fortified cereal.

Subchronic feeding study with genetically modified stacked trait lepidopteran and coleopteran resistant (DAS-157-1xDAS-59122-7) maize grain in Sprague-Dawley rats.

Effects of dioxin on vascular endothelial growth factor (VEGF) production in the retina associated with choroidal neovascularization.

Iron bioavailability of cocoa powder as determined by the Hb regeneration efficiency method.

Disruption of iron homeostasis and lung disease.

Prone position prevents regional alveolar hyperinflation and mechanical stress and strain in mild experimental acute lung injury.

Melatonin reduces acute lung injury in endotoxemic rats.

Intravenous versus oral iron supplementation for correction of post-transplant anaemia in renal transplant patients.

Phytochemical, antibacterial, antiproliferative, and antioxidant potentials and DNA damage-protecting activity of Acacia salicina extracts.

Thyroid hormone levels of pregnant Inuit women and their infants exposed to environmental contaminants.

Residential exposure to polychlorinated biphenyls and organochlorine pesticides and risk of childhood leukemia.

Effect of education and pill count on hemoglobin status during prenatal care in Nepalese women: a randomized controlled trial.

Adherence and side effects of three ferrous sulfate treatment regimens on anemic pregnant women in clinical trials.

Iron prophylaxis in pregnancy: intravenous route versus oral route.

Regular consumption of a complementary food fortified with ascorbic acid and ferrous fumarate or ferric pyrophosphate is as useful as ferrous sulfate in maintaining hemoglobin concentrations >105 g/L in young Bangladeshi children.

Effect of increasing dialyzer mass transfer area coefficient and dialysate flow on clearance of protein-bound solutes: a pilot crossover trial.

p-Cresol inhibits IL-12 production by murine macrophages stimulated with bacterial immunostimulant.

PCBs and the energy cost of migration in the European eel (*Anguilla anguilla* L.).

[Evaluation of dermatological symptom of Yusho patients in the annual examination in 2005-2007].

Evolution of protein-bound uraemic solutes during predilution haemofiltration.

Iron supplement in pregnancy and development of gestational diabetes--a randomised placebo-controlled trial.

Regulation of mitochondrial dynamics in acute kidney injury in cell culture and rodent models.

Providing iron/folic acid tablets free of charge improves compliance in pregnant women in Senegal.

Iron supplementation of low-income infants: a randomized clinical trial of adherence with ferrous fumarate sprinkles versus ferrous sulfate drops.

Effect of DNA hypomethylation on genotoxicity and apoptogenicity of sodium arsenite in laboratory mice.

Prevalence of metabolic syndrome associated with body burden levels of dioxin and related compounds among Japan's general population.

Uncouple my heart: the benefits of inefficiency.

Iron deficiency anemia in infants aged 12-15 months in Ahwaz, Iran.

Impact of iron supplementation on schistosomiasis control in Zambian school children in a highly endemic area.

Genotoxic effects of borax on cultured lymphocytes.

Pulmonary lesion induced by low and high positive end-expiratory pressure levels during protective ventilation in experimental acute lung injury.

Iron deficiency and child and maternal health.

Relative bioavailability of micronized, dispersible ferric pyrophosphate added to an apple juice drink.

Inhibition of androgen receptor transcriptional activity as a novel mechanism of action of arsenic.

Controlled, household-randomized, open-label trial of the effect of treatment of *Helicobacter pylori* infection on iron deficiency among children in rural Alaska: results at 40 months.

A new affordable flow cytometry based method to measure HIV-1 viral load.

Cell-mediated immune response to unrelated proteins and unspecific inflammation blocked by orally tolerated proteins.

Multiple micronutrient fortification of salt.

Dioxin-induced toxicity on vascular remodeling of the placenta.

Randomized, double-blind, placebo-controlled trial of effects of enteral iron supplementation on anemia and risk of infection during surgical critical illness.

Effects of leaves extract of *Ocimum sanctum* L. on arsenic-induced toxicity in Wistar albino rats.

Iron supplementation of breastfed infants from an early age.

Toxicology laboratory analysis and human exposure to p-chloroaniline.

The impact of iron supplementation efficiency in female blood donors with a decreased ferritin level and no anaemia. Rationale and design of a randomised controlled trial: a study protocol.

[The specific features of the clinical course of tuberculosis and enhancement of its treatment efficiency in fertile-age women with iron-deficiency anemia].

Chronic health impairment due to 2,3,7,8-tetrachloro-dibenzo-p-dioxin exposure.

Oxidative status in iron-deficiency anemia.

Efficacy and tolerability of oral bovine lactoferrin compared to ferrous sulfate in pregnant women with iron deficiency anemia: a prospective controlled randomized study.

Effects of arsenic on maternal and fetal health.

[Analysis of the infection status and the drug resistance of mycoplasma and chlamydiae in genitourinary tracts of children with suspected nongonococcal urethritis].

[Experience in the treatment of iron deficiency anemia with ferro-folgamma].

Ferric carboxymaltose: a review of its use in iron-deficiency anaemia.

Oral carcinogenicity and toxicity of 2-amino-4-chlorophenol in rats.

Intravenous iron sucrose is superior to oral iron sulphate for correcting anaemia and restoring iron stores in IBD patients: A randomized, controlled, evaluator-blind, multicentre study.

Therapeutic surfactants modulate the viability of eosinophils and induce inflammatory mediator release.

Iron medication-induced gastric mucosal injury.

Arsenic induced apoptosis in malignant melanoma cells is enhanced by menadione through ROS generation, p38 signaling and p53 activation.

Combined analysis of prenatal (maternal hair and blood) and neonatal (infant hair, cord blood and meconium) matrices to detect fetal exposure to environmental pesticides.

Speciation of arsenic trioxide metabolites in blood cells and plasma of a patient with acute promyelocytic leukemia.

Human protein S inhibits the uptake of AcLDL and expression of SR-A through Mer receptor tyrosine kinase in human macrophages.

Mouse breast cancer model-dependent changes in metabolic syndrome-associated phenotypes caused by maternal dioxin exposure and dietary fat.

Iron absorption from meat pate fortified with ferric pyrophosphate in iron-deficient women.

(3R,5S,7as)-(3,5-Bis(4-fluorophenyl)tetrahydro-1H-oxazolo[3,4-c]oxazol-7a-yl)methanol, a novel neuroprotective agent.

[Assessment of mitochondrial metabolic oxidative state in living cardiomyocytes with spectrally-resolved fluorescence lifetime spectroscopy of NAD(P)H].

Prenatal exposure to organohalogenes, including brominated flame retardants, influences motor, cognitive, and behavioral performance at school age.

Selenocysteine is selectively taken up by red blood cells.

Understanding butachlor toxicity in *Aulosira fertilissima* using physiological, biochemical and proteomic approaches.

Metabolic effects of dark chocolate consumption on energy, gut microbiota, and stress-related metabolism in free-living subjects.

A single exposure to particulate or gaseous air pollution increases the risk of aconitine-induced cardiac arrhythmia in hypertensive rats.

Evaluation of phagocytic activity and nitric oxide generation by molluscan haemocytes as biomarkers of inorganic arsenic exposure.

Glycome and transcriptome regulation of vasculogenesis.

Modulation of arsenic trioxide-induced apoptosis by genistein and functionally related agents in U937 human leukaemia cells. Regulation by ROS and mitogen-activated protein kinases.

The role of P-glycoprotein in intestinal transport versus the BBB transport of tetraphenylphosphonium.

Combined effects of repeated administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin and polychlorinated biphenyls on kidneys of male rats.

Co-exposure to arsenic and fluoride on oxidative stress, glutathione linked enzymes, biogenic amines and DNA damage in mouse brain.

Inhibition of extracellular matrix assembly induces the expression of osteogenic markers in skeletal muscle cells by a BMP-2 independent mechanism.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) poisoning in Victor Yushchenko: identification and measurement of TCDD metabolites.

Risk assessment of PCDD/Fs levels in human tissues related to major food items based on chemical analyses and micro-EROD assay.

Effects of occupational exposure to 1,4-dichlorobenzene on hematologic, kidney, and liver functions.

Acacia Senegal gum exudate offers protection against cyclophosphamide-induced urinary bladder cytotoxicity.

Inhibitory effects of guarana seed extract on passive cutaneous anaphylaxis and mast cell degranulation.

Characterization of the cancer chemopreventive NRF2-dependent gene battery in human keratinocytes: demonstration that the KEAP1-NRF2 pathway, and not the BACH1-NRF2 pathway, controls cytoprotection against electrophiles as well as redox-cycling compounds.

Comparing the role of glutathione-S-transferase and mitochondrial aldehyde dehydrogenase in nitroglycerin biotransformation and the correlation with calcitonin gene-related peptide.

Intra-individual variations and temporal trends in dioxin levels in human blood 1987-2002.

Preclinical activity of palifosfamide lysine (ZIO-201) in pediatric sarcomas including oxazaphosphorine-resistant osteosarcoma.

The formation of large-area conducting graphene-like platelets.

Rescue of anaemia and autoimmune responses in SOD1-deficient mice by transgenic expression of human SOD1 in erythrocytes.

Impact of WHO 2005 revised toxic equivalency factors for dioxins on the TEQs in serum, household dust and soil.

Genotoxicity of glyphosate assessed by the comet assay and cytogenetic tests.

Evaluation of a novel inhalation exposure system to determine acute respiratory responses to tobacco and polymer pyrolysate mixtures in Swiss-Webster mice.

Performance of different work clothing types for reducing skin exposure to pesticides during open field treatment.

The effect of workload on biological monitoring of occupational exposure to toluene and n-Hexane: contribution of physiologically based toxicokinetic modeling.

Calcein release from polymeric vesicles in blood plasma and PVA hydrogel.

Oral charcoal adsorbent (AST-120) prevents progression of cardiac damage in chronic kidney disease through suppression of oxidative stress.

Arsenic induces telomerase expression and maintains telomere length in human cord blood cells.

Dioxins interfere with differentiation of osteoblasts and osteoclasts.

Drug metabolizing enzyme expression in rat choroid plexus: effects of in vivo xenobiotics treatment.

Bed nucleus of the stria terminalis N-methyl-D-aspartate receptors and nitric oxide modulate the baroreflex cardiac component in unanesthetized rats.

[Dioxin concentration in the preserved umbilical cord from Yusho patients].

Concentrations of polychlorinated biphenyls in blood collected from Yusho patients during medical check-ups performed from 2004 to 2007.

Evaluation of possible modes of action for acute effects of methyl iodide in laboratory animals.

In vitro glutathione conjugation of methyl iodide in rat, rabbit, and human blood and tissues.

Evaluation of respiratory parameters in rats and rabbits exposed to methyl iodide.

Two-day inhalation toxicity study of methyl iodide in the rat.

Folate, Cobalamin, Cysteine, Homocysteine, and Arsenic Metabolism among Children in Bangladesh.

Studies supporting the development of a physiologically based pharmacokinetic (PBPK) model for methyl iodide: pharmacokinetics of sodium iodide (NaI) in pregnant rabbits.

Sustaining hypercitrullinemia, hypercholesterolemia and augmented oxidative stress in Japanese children with aspartate/glutamate carrier isoform 2-citrin-deficiency even during the silent period.

Preliminary results of small arterial substitute performed with a new cylindrical biomaterial composed of bacterial cellulose.

Hepatic uptake and biliary excretion of manganese in the little skate, *Leucoraja erinacea*.

Role of the bed nucleus of the stria terminalis in the cardiovascular responses to acute restraint stress in rats.

Sodium azide induced neuronal damage in vitro: evidence for non-apoptotic cell death.

Regulation of human bone sialoprotein gene transcription by platelet-derived growth factor-BB.

Gene expression profiling in rat liver treated with compounds inducing elevation of bilirubin.

Induction of mouse UDP-glucuronosyltransferase mRNA expression in liver and intestine by activators of aryl-hydrocarbon receptor, constitutive androstane receptor, pregnane X receptor, peroxisome proliferator-activated receptor alpha, and nuclear factor erythroid 2-related factor 2.

Permeability and toxicological profile estimation of organochlorine compounds by biopartitioning micellar chromatography.

Multiple adverse thyroid and metabolic health signs in the population from the area heavily polluted by organochlorine cocktail (PCB, DDE, HCB, dioxin).

Aldose reductase decreases endoplasmic reticulum stress in ischemic hearts.

GABA and nitric oxide in the PVN are involved in arterial pressure control but not in the chemoreflex responses in rats.

Effects of Nasal Occlusion and Oral Contact on Perception of Metallic Taste from Metal Salts.

Studies on histopathological changes in the gill, liver and kidney of *Channa punctatus* (Bloch) exposed to Alachlor.

The influence of iron loading and iron chelation on the proliferation and telomerase activity of human peripheral blood mononuclear cells.

Neuroprotective role of delta-opioid receptors against mitochondrial respiratory chain injury.

Effect of copper-hydroquinone complex on oxidative stress-related parameters in human erythrocytes (in vitro).

Transepithelial transport characteristics of the antihypertensive peptide, Lys-Val-Leu-Pro-Val-Pro, in human intestinal Caco-2 cell monolayers.

Concentrations of polychlorinated biphenyls in blood of Yusho patients over 35 years after the incident.

Hydroxylated polychlorinated biphenyls (OH-PCBs) in the blood of mammals and birds from Japan: lower chlorinated OH-PCBs and profiles.

Opsonized erythrocyte ghosts for liver-targeted delivery of antisense oligodeoxynucleotides.

Effects of arsenic exposure from drinking water on spatial memory, ultra-structures and NMDAR gene expression of hippocampus in rats.

Mediastinal abscess and suppurative thrombophlebitis possibly because of an accidental inhalation of paraquat.

Clastogenic effects of glyphosate in bone marrow cells of swiss albino mice.

Zolpidem, a clinical hypnotic that affects electronic transfer, alters synaptic activity through potential GABA receptors in the nervous system without significant free radical generation.

The role of polyamine metabolism in neuronal injury following cerebral ischemia.

Determination of cyanide in blood by reaction head-space gas chromatography.

[Determination of the electrophoretic mobility of peripheral red blood cells from healthy individuals, by using ethylene-2-amine-4-chloroacetic acid as a preservative].

The plastidial 2-C-methyl-D-erythritol 4-phosphate pathway provides the isoprenyl moiety for protein geranylgeranylation in tobacco BY-2 cells.

Role of the cyclooxygenase 2-thromboxane pathway in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced decrease in mesencephalic vein blood flow in the zebrafish embryo.

TCDD-mediated suppression of the in vitro anti-sheep erythrocyte IgM antibody forming cell response is reversed by interferon-gamma.

Treatment of mice with the Ah receptor agonist and human carcinogen dioxin results in altered numbers and function of hematopoietic stem cells.

The relation between the estimated dietary intake of PCDD/Fs and levels in blood in a Flemish population (50-65 years).

Effects of subchronic coexposure to arsenic and endosulfan on the erythrocytes of broiler chickens: a biochemical study.

Formation of dimethylthioarsenicals in red blood cells.

The 2,4-D herbicide effects on acetylcholinesterase activity and metabolic parameters of piava freshwater fish (*Leporinus obtusidens*).

Toxicity and effects of a glyphosate-based herbicide on the Neotropical fish *Prochilodus lineatus*.

Life-history trade-offs of *Paronychiurus kimi* (Lee) (Collembola: Onychiuridae) populations exposed to paraquat.

Genotoxicity study with special reference to DNA damage by comet assay in fission yeast, *Schizosaccharomyces pombe* exposed to drinking water.

Phenoxyherbicides induce production of free radicals in human erythrocytes: oxidation of dichlorodihydrofluorescein and dihydrorhodamine 123 by 2,4-D-Na and MCPA-Na.

Pneumoproteins as markers of paraquat lung injury: a clinical case.

Effects of acrolein on leukotriene biosynthesis in human neutrophils.

A comparative 90-day toxicity study of allyl acetate, allyl alcohol and acrolein.

S-ethyl-N,N-dipropylthiocarbamate exposure and cancer incidence among male pesticide applicators in the agricultural health study: a prospective cohort.

Constraints on the evolution of tolerance to herbicide in the common morning glory: resistance and tolerance are mutually exclusive.

Effects of subchronic exposure to LASSO MTX (alachlor 42% W/V) on hematological indices and histology of the common Carp, *Cyprinus carpio* L.

Pentachlorophenol decreases ATP levels in human natural killer cells.

Individual and joint toxic effects of pentachlorophenol and bisphenol A on the development of zebrafish (*Danio rerio*) embryo.

[Influence of pyrrolidine dithiocarbamate (PDTC) on expression of transforming growth factor beta(1), matrix metalloproteinase-2 and tissue inhibitor-1 of metalloproteinase in rats with pulmonary damage induced by paraquat].

Effects of subchronic metribuzin exposure on common carp (*Cyprinus carpio*).

A review of the immunotoxicity of the pesticide 3,4-dichloropropionanilide.

Genotoxic pressure of vineyard pesticides in fish: field and mesocosm surveys.

Atrazine-induced alterations in rat erythrocyte membranes: ameliorating effect of vitamin E.

Cilostazol inhibits oxidative stress-induced premature senescence via upregulation of Sirt1 in human endothelial cells.

Acrolein health effects.

Genotoxic effects of Roundup on the fish *Prochilodus lineatus*.

Biomonitoring Equivalents (BE) dossier for 2,4-dichlorophenoxyacetic acid (2,4-D) (CAS No. 94-75-7).

Protective effects of vitamin E against atrazine-induced genotoxicity in rats.

Combined in utero and juvenile exposure of mice to arsenate and atrazine in drinking water modulates gene expression and clonogenicity of myeloid progenitors.

Discriminating the molecular basis of hepatotoxicity using the large-scale characteristic molecular signatures of toxicants by expression profiling analysis.

Comparison of a pulsatile blood pump and a peristaltic roller pump during hemoperfusion treatment in a canine model of paraquat poisoning.

Hemoperfusion using dual pulsatile pump in paraquat poisoning.

Results of a 13-week safety assurance study with rats fed grain from corn rootworm-protected, glyphosate-tolerant MON 88017 corn.

Genotoxicity testing of the herbicide trifluralin and its commercial formulation Treflan using the piscine micronucleus test.

Effect of a toxicant on phagocytosis pathways in the freshwater snail *Lymnaea stagnalis*.

Modulation of signal transduction pathways in lymphocytes due to sub-lethal toxicity of chlorinated phenol.

Acrolein consumption exacerbates myocardial ischemic injury and blocks nitric oxide-induced PKC ϵ signaling and cardioprotection.

Subchronic feeding study of herbicide-tolerant soybean DP-356 \sim 43-5 in Sprague-Dawley rats.

Evaluation of DNA damage in Chinese toad (*Bufo bufo gargarizans*) after in vivo exposure to sublethal concentrations of four herbicides using the comet assay.

Induction of COX-2 expression by acrolein in the rat model of hemorrhagic cystitis.

A fatal intoxication from ingestion of 2-methyl-4-chlorophenoxyacetic acid (MCPA).

Dose-dependent uptake, elimination, and toxicity of monosodium methanearsonate in adult zebra finches (*Taeniopygia guttata*).

Improvement in survival after paraquat ingestion following introduction of a new formulation in Sri Lanka.

Application of physiological computational fluid dynamics models to predict interspecies nasal dosimetry of inhaled acrolein.

Protective effects of ethyl pyruvate treatment on paraquat-intoxicated rats.

Urinary corticosterone as an indicator of stress-mediated immunological changes in rats.

Paraquat poisonings: mechanisms of lung toxicity, clinical features, and treatment.

Acrolein: unwanted side product or contribution to antiangiogenic properties of metronomic cyclophosphamide therapy?

UCP2 modulates cell proliferation through the MAPK/ERK pathway during erythropoiesis and has no effect on heme biosynthesis.

Modulation of reactive oxygen species by antioxidants in chronic myeloid leukemia cells enhances imatinib sensitivity through survivin downregulation.

Activation of aldehyde dehydrogenase-2 reduces ischemic damage to the heart.

Modulation of the neuronal response to ischaemia by somatostatin analogues in wild-type and knock-out mouse retinas.

Plasma acrolein levels and their association with delayed ischemic neurological deficits following aneurysmal subarachnoid haemorrhage: a pilot study.

Prostaglandins inhibit cytochrome P450 4A activity and contribute to endotoxin-induced hypotension in rats via nitric oxide production.

Tolerance to disulfiram induced by chronic alcohol intake in the rat.

Eosinophilia among returning travelers: a practical approach.

Evaluation of micronucleus frequencies in blood lymphocytes from smelting plant workers exposed to arsenic.

Contribution of the SitABCD, MntH, and FeoB metal transporters to the virulence of avian pathogenic *Escherichia coli* O78 strain chi7122.

[Analysis of paraquat in blood and urine by sodium borohydride/nickel chloride chemical reduction-gas chromatography/thermionic specific detector].

Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in C57BL6 mice following subchronic exposure to arsenate in drinking water.

Inhibition of acrolein-stimulated MUC5AC production by fucoidan in human bronchial epithelial cells.

A physiologically based pharmacokinetic model for intravenous and ingested dimethylarsinic acid in mice.

[Micelle capillary electrophoresis on-line sweeping for determination of paraquat in blood].

Chronic ethanol ingestion alters xenobiotic absorption through the skin: potential role of oxidative stress.

Identification of the major arsenic-binding protein in rat plasma as the ternary dimethylarsinous-hemoglobin-haptoglobin complex.

[Gas chromatography for determination of paraquat derivatives in blood].

Distribution and function of the hydrogen sulfide-sensitive TRPA1 ion channel in rat urinary bladder.

Placental transfer of polychlorinated biphenyls, their hydroxylated metabolites and pentachlorophenol in pregnant women from eastern Slovakia.

[Determination of three phenoxyalkanoic acid herbicides in blood using gas chromatography coupled with solid-phase extraction and derivatization].

Cinnamaldehyde inhibits pro-inflammatory cytokines secretion from monocytes/macrophages through suppression of intracellular signaling.

Bed nucleus of the stria terminalis alpha(1)-adrenoceptor modulates baroreflex cardiac component in unanesthetized rats.

Maternal administration of betamethasone inhibits proliferation induced by fetal tracheal occlusion in the nitrofen rat model for congenital diaphragmatic hernia: a placebo-controlled study.

Hypertension, cardiac hypertrophy, and impaired vascular relaxation induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin are associated with increased superoxide.

Effects of dietary iron levels on growth performance, hematological status, liver mineral concentration, fecal microflora, and diarrhea incidence in weanling pigs.

Effect of FeSO₄ treatment on glucose metabolism in diabetic rats.

Arsenic-induced neurotoxicity in relation to toxicokinetics: effects on sciatic nerve proteins.

Effectiveness of two programs of intermittent ferrous supplementation for treating iron-deficiency anemia in infants: randomized clinical trial.

Dioxins and cardiovascular disease mortality.

Effect of dimethyl sulfides on the induction of apoptosis in human leukemia Jurkat cells and HL-60 cells.

Ferrous gluconate and ferrous sulfate added to a complementary food distributed by the Mexican nutrition program Oportunidades have a comparable efficacy to reduce iron deficiency in toddlers.

Fluorescence confocal laser scanning microscopy for in vivo imaging of epidermal reactions to two experimental irritants.

Elevated expression of CYP1A1 and gamma-SYNUCLEIN in human ectopic (ovarian) endometriosis compared with eutopic endometrium.

Causal relationship of Helicobacter pylori with iron-deficiency anemia or failure of iron supplementation in children.

Characterization of the transduction pathway involved in c-fos and c-jun expression induced by Aggregatibacter actinomycetemcomitans lipopolysaccharides in human gingival fibroblasts.

Transposition of the great arteries.

Combined administration of taurine and monoisoamyl DMSA protects arsenic induced oxidative injury in rats.

Impairment of short-term memory associated with low iron stores in a volunteer multidose plateletpheresis donor.

Ferric carboxymaltose injection in the treatment of postpartum iron deficiency anemia: a randomized controlled clinical trial.

[Severe esophagitis due to overdose of iron tablets].

Effectiveness of daily and weekly iron supplementation in the prevention of anemia in infants.

Perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure sensitizes offspring to angiotensin II-induced hypertension.

An enhanced postnatal autoimmune profile in 24 week-old C57BL/6 mice developmentally exposed to TCDD.

Associations of environmental exposure to dioxins with prevalent diabetes among general inhabitants in Japan.

Association of polychlorinated biphenyls with hypertension in the 1999-2002 National Health and Nutrition Examination Survey.

Accumulation of M1dG DNA adducts after chronic exposure to PCBs, but not from acute exposure to polychlorinated aromatic hydrocarbons.

Mitotic arrest-associated apoptosis induced by sodium arsenite in A375 melanoma cells is BUBR1-dependent.

Fibronectin promotes cell proliferation of human pre-B cell line via its interactions with VLA-4 and VLA-5.

2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure prevents cardiac valve formation in developing zebrafish.

Anemia reduction in preschool children with the addition of low doses of iron to school meals.

The effect of tracheal occlusion on lung branching in the rat nitrofen CDH model.

Toxicity of inorganic arsenic and its metabolites on haematopoietic progenitors "in vitro": comparison between species and sexes.

Neonatal thyroid function in Seveso 25 years after maternal exposure to dioxin.

Resveratrol prevents estrogen-DNA adduct formation and neoplastic transformation in MCF-10F cells.

Growth in non-anemic infants supplemented with different prophylactic iron doses.

Arsenic trioxide and auranofin inhibit selenoprotein synthesis: implications for chemotherapy for acute promyelocytic leukaemia.

Comparison of ferrous sulfate and ferrous glycinate chelate for the treatment of iron deficiency anemia in gastrectomized patients.

Effect of hemolytic and iron-deficiency anemia on intestinal absorption and tissue accumulation of cadmium.

Pollutant effects on genotoxic parameters and tumor-associated protein levels in adults: a cross sectional study.

Can folate intake reduce arsenic toxicity?

Exposure assessment of workers to airborne PCDD/Fs, PCBs and PAHs at an electric arc furnace steelmaking plant in the UK.

Comparison of grain from corn rootworm resistant transgenic DAS-59122-7 maize with non-transgenic maize grain in a 90-day feeding study in Sprague-Dawley rats.

Short-term ferrous sulfate supplementation in female blood donors.

Sensitivity to sodium arsenite in human melanoma cells depends upon susceptibility to arsenite-induced mitotic arrest.

Relationship between insulin sensitivity and exposure to dioxins and polychlorinated biphenyls in pregnant women.

Clinical manifestations and arsenic methylation after a rare subacute arsenic poisoning accident.

Differential oxidative stress and DNA damage in rat brain regions and blood following chronic arsenic exposure.

[Headache caused by pesticides--a review of the literature].

Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants.

A novel intravenous iron formulation for treatment of anemia in inflammatory bowel disease: the ferric carboxymaltose (FERINJECT) randomized controlled trial.

Metabolic flexibility permits mesenchymal stem cell survival in an ischemic environment.

Neuropharmacological profile of novel and selective 5-HT₆ receptor agonists: WAY-181187 and WAY-208466.

[Analytic role in clinical toxicology--impact on the diagnosis and treatment of a poisoned patient].

Sodium arsenite reduces severity of dextran sulfate sodium-induced ulcerative colitis in rats.

Medullary pathways mediating the parasubthalamic nucleus depressor response.

Comparative efficacy and safety of intravenous ferric carboxymaltose in the treatment of postpartum iron deficiency anemia.

Occupational risk factors for non-Hodgkin's lymphoma: a population-based case-control study in Northern Germany.

Microvascular free-tissue transfer for head and neck reconstruction in Jehovah's Witness patients.

Polychlorinated dibenzo-p-dioxins and the human immune system: 4 studies on two Spanish families with increased body burdens of highly chlorinated PCDDs.

Relative potency based on hepatic enzyme induction predicts immunosuppressive effects of a mixture of PCDDS/PCDFS and PCBS.

Prophylaxis for iron deficiency anemia using ferrous sulfate among infants followed up at a primary healthcare unit in the municipality of Embu-SP (2003/2004).

Efficacy of iron-fortified rice in reducing anemia among schoolchildren in the Philippines.

[An overview on biomarkers of arsenic-induced health hazards].

Risk factors for ovarian cancer: an overview with emphasis on hormonal factors.

Performance of laying hens fed diets containing DAS-59122-7 maize grain compared with diets containing nontransgenic maize grain.

Removal of the uremic retention solute p-cresol using fractionated plasma separation and adsorption.

The aryl hydrocarbon receptor affects distinct tissue compartments during ontogeny of the immune system.

Aryl hydrocarbon receptor targets pathways extrinsic to bone marrow cells to enhance neutrophil recruitment during influenza virus infection.

Environmental exposure to dioxins and polychlorinated biphenyls reduce levels of gonadal hormones in newborns: results from the Duisburg cohort study.

Effectiveness of oral and intravenous iron therapy in haemodialysis patients.

TCDD exposure exacerbates atopic dermatitis-related inflammation in NC/Nga mice.

Bioavailability of heme iron in biscuit filling using piglets as an animal model for humans.

Cardiovascular effects of L-glutamate injected in the medial prefrontal cortex of spontaneously hypertensive rats.

Exploiting gene-environment interaction to detect adverse health effects of environmental chemicals on the next generation.

Identification and biochemical characterization of a novel ryanodine receptor gene mutation associated with malignant hyperthermia.

Growth and micronutrient status in children receiving a fortified complementary food.

Renoprotective action of L-carnitine in fructose-induced metabolic syndrome.

Iron status markers in nonanemic pregnant women with and without iron supplementation.

Training and other predictors of personal protective equipment use in Australian grain farmers using pesticides.

The effects of gum arabic oral treatment on the metabolic profile of chronic renal failure patients under regular haemodialysis in Central Sudan.

Acute induction of epileptiform discharges by pilocarpine in the in vitro isolated guinea-pig brain requires enhancement of blood-brain barrier permeability.

[Outdoor work-related health hazards].

Anemia management in peritoneal dialysis patients: can an iron supplement maintain a normal transferrin saturation and hemoglobin level?

Residential exposures to pesticides and childhood leukaemia.

A 12-week randomised study comparing intravenous iron sucrose versus oral ferrous sulphate for treatment of postpartum anemia.

Anaphylaxis to oral iron salts. desensitization protocol for tolerance induction.

Treatment and prevention of anemia with ferrous sulfate plus folic acid in children attending daycare centers in Goi nia, Goi s State, Brazil: a randomized controlled trial.

Comparative study of gastrointestinal tract and liver toxicity of ferrous sulfate, iron amino chelate and iron polymaltose complex in normal rats.

Effect of iron fortification of nursery complementary food on iron status of infants in the DPRKorea.

Humoral response against Mycobacterium bovis Hsp65 derived fragments in children and young people with various disorders.

Caseinophosphopeptide-bound iron: protective effect against gut peroxidation.

Disruption of aryl hydrocarbon receptor (AhR) induces regression of the seminal vesicle in aged male mice.

Sensorial evaluation of nutritional supplements (PROGRESA) enriched with 3 different forms of iron in a rural Mexican community.

Insight into the selectivity of arsenic trioxide for acute promyelocytic leukemia cells by characterizing Saccharomyces cerevisiae deletion strains that are sensitive or resistant to the metalloid.

Feasibility studies of 4'-[methyl-(11)C]thiothymidine as a tumor proliferation imaging agent in mice.

Developmental exposure to polychlorinated biphenyls PCB153 or PCB126 impairs learning ability in young but not in adult rats.

Effects of iron supplementation on attention deficit hyperactivity disorder in children.

Removal of the protein-bound solutes indican and p-cresol sulfate by peritoneal dialysis.

Risk of leukaemia among pesticide manufacturing workers: a review and meta-analysis of cohort studies.

The link between environmental toxicant exposure and endometriosis.

Effects of anoxia, aglycemia, and acidosis on cytosolic Mg²⁺, ATP, and pH in rat sensory neurons.

Iron deficiency anemia, pica, and restless legs syndrome in a teenage girl.

Allium compounds, dipropyl and dimethyl thiosulfinates as antiproliferative and differentiating agents of human acute myeloid leukemia cell lines.

[Levels of PCDD/Fs, PCBs and PBDEs compounds in human placenta tissue].

Optimisation of chemical protein cleavage for erythropoietin semi-synthesis using native chemical ligation.

Boron compounds reduce vanadium tetraoxide genotoxicity in human lymphocytes.

A tandem MS precursor-ion scan approach to identify variable covalent modification of albumin Cys34: a new tool for studying vascular carbonylation.

A human intervention study with foods containing natural Ah-receptor agonists does not significantly show AhR-mediated effects as measured in blood cells and urine.

Arsenite but not arsenate inhibits general proteoglycan synthesis in cultured arterial smooth muscle cells.

Arsenic-induced decreases in the vascular matrix.

Congener-specific analysis of non-dioxin-like polychlorinated biphenyls in blood collected from 127 elderly residents in Nakagawa Town, Fukuoka Prefecture, Japan.

Congener-specific analysis of non-dioxin-like polychlorinated biphenyls in blood collected from 195 pregnant women in Sapporo City, Japan.

Involvement of the pyrilamine transporter, a putative organic cation transporter, in blood-brain barrier transport of oxycodone.

Comparison of methods used for the determination of cholinesterase activity in whole blood.

[Superoxide induces cellular growth and apoptosis of cultured human peripheral blood lymphocytes].

Exposure of laboratory mice to domestic cooking gas: implications for toxicity.

[Role of glycolysis and antioxidant enzymes in the toxicity of amyloid beta peptide Abeta25-35 to erythrocytes].

Formocresol blood levels in children receiving dental treatment under general anesthesia.

Bone mineral density changes in relation to environmental PCB exposure.

Synthesis and in vivo evaluation of novel PET radioligands for imaging the endothelin-A receptor.

A technical mixture of 2,2',4,4'-tetrabromo diphenyl ether (BDE47) and brominated furans triggers aryl hydrocarbon receptor (AhR) mediated gene expression and toxicity.

Evaluation of N (epsilon)-(3-formyl-3,4-dehydropiperidino)lysine as a novel biomarker for the severity of diabetic retinopathy.

Phospholipase A(2), reactive oxygen species, and lipid peroxidation in CNS pathologies.

Limited validity of o-cresol and benzylmercapturic acid in urine as biomarkers of occupational exposure to toluene at low levels.

Acetyl-L-Carnitine selectively prevents post-ischemic LTP via a possible action on mitochondrial energy metabolism.

Mild mitochondrial uncoupling in mice affects energy metabolism, redox balance and longevity.

Crosstalk between AHR and Wnt signaling through R-Spondin1 impairs tissue regeneration in zebrafish.

Saliva as an analytical tool to measure occupational exposure to toluene.

Potential endocrine disruption of sexual development in free ranging male northern leopard frogs (*Rana pipiens*) and green frogs (*Rana clamitans*) from areas of intensive row crop agriculture.

Changes in correlation coefficients of exposure markers as a function of intensity of occupational exposure to toluene.

Concentrations of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, and dioxin-like polychlorinated biphenyls in blood and breast milk collected from 60 mothers in Sapporo City, Japan.

Ghrelin infused into the portal vein inhibits glucose-stimulated insulin secretion in Wistar rats.

Gender differences in the effects of organochlorines, mercury, and lead on thyroid hormone levels in lakeside communities of Quebec (Canada).

The Duisburg birth cohort study: influence of the prenatal exposure to PCDD/Fs and dioxin-like PCBs on thyroid hormone status in newborns and neurodevelopment of infants until the age of 24 months.

Effects of boric acid and borax on titanium dioxide genotoxicity.

AH receptor agonist activity in human blood measured with a cell-based bioassay: evidence for naturally occurring AH receptor ligands in vivo.

Boronate-containing polymers form affinity complexes with mucin and enable tight and reversible occlusion of mucosal lumen by poly(vinyl alcohol) gel.

Daily supplementation with iron increases lipid peroxidation in young women with low iron stores.

In vitro and ex vivo activity of new derivatives of acetoxyacid synthase inhibitors against *Mycobacterium tuberculosis* and non-tuberculous mycobacteria.

Transport of Val-Leu-Pro-Val-Pro in human intestinal epithelial (Caco-2) cell monolayers.

Determination of dioxins and polychlorinated biphenyls in breast milk, maternal blood and cord blood from residents of Tohoku, Japan.

Quercetin administration during chelation therapy protects arsenic-induced oxidative stress in mice.

Vascular leakage induced by exposure to arsenic via increased production of NO, hydroxyl radical and peroxynitrite.

Isotype expression, post-translational modification and stage-dependent production of tubulins in erythrocytic *Plasmodium falciparum*.

Agglutinin-mediated phagocytosis-associated generation of superoxide anion and nitric oxide by the hemocytes of the giant freshwater prawn *Macrobrachium rosenbergii*.

Sodium azide, a bacteriostatic preservative contained in commercially available laboratory reagents, influences the responses of human platelets via the cGMP/PKG/VASP pathway.

Distribution of PCDDs, PCDFs and dioxin-like PCBs in the blood, testis and adipose tissue of suckling beef calves.

CD36 and proteoglycan-mediated pathways for (n-3) fatty acid enriched triglyceride-rich particle blood clearance in mouse models in vivo and in peritoneal macrophages in vitro.

Development of a human adipocyte model derived from human mesenchymal stem cells (hMSC) as a tool for toxicological studies on the action of TCDD.

In vitro and in vivo reduction of sodium arsenite induced toxicity by aqueous garlic extract.

A comparison of infant hair, cord blood and meconium analysis to detect fetal exposure to environmental pesticides.

Perinatal dioxin exposure, cytochrome P-450 activity, liver functions and thyroid hormones at follow-up after 7-12 years.

Enhancing effect of chlorinated organic solvents on histamine release and inflammatory mediator production.

Estimation of atrazine in the stratum corneum and its toxic effects in skin following topical application to rabbits.

Testicular toxicity and mechanisms of chlorotoluron compounds in the mouse.

Melatonin prevents lipid peroxidation in human erythrocytes but augments deterioration of deformability after in vitro oxidative stress.

Derivation of biomonitoring equivalent (BE) values for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and related compounds: a screening tool for interpretation of biomonitoring data in a risk assessment context.

Involvement of reduced folate carrier 1 in the inner blood-retinal barrier transport of methyltetrahydrofolate.

Tissue uptake, mortality, and sublethal effects of monomethylarsonic acid (MMA(V)) in nestling zebra finches (*Taeniopygia guttata*).

Effect of oversulfated chondroitin-6-sulfate or oversulfated fucoidan in the activation of glutamic plasminogen by tissue plasminogen activator: role of lysine and cyanogen bromide-fibrinogen.

Mutagenic, antimutagenic, cytotoxic, and apoptotic activities of extracts from *Pituranthos tortuosus*.

P-glycoprotein-mediated efflux of phenobarbital at the blood-brain barrier evidence from transport experiments in vitro.

Murine bone marrow-derived dendritic cells as a potential in vitro model for predictive identification of chemical sensitizers.

[Cytotoxicity of the herbicide glyphosate in human peripheral blood mononuclear cells].

Identification of an alginate-based formulation of paraquat to reduce the exposure of the herbicide following oral ingestion.

Targeted disruption of the glutaredoxin 1 gene does not sensitize adult mice to tissue injury induced by ischemia/reperfusion and hyperoxia.

Synthesis, cytotoxicity and clastogenicity of novel alpha-aminophosphonic acids.

Chlorate poisoning in beef cattle.

[Effects of high dose ambroxol on lung injury induced by paraquat in rats].

Pathophysiological aspects of cyclophosphamide and ifosfamide induced hemorrhagic cystitis; implication of reactive oxygen and nitrogen species as well as PARP activation.

Trifluralin toxicity in a Chagas disease mouse model.

Lack of effects of 2,4-dichlorophenoxyacetic acid administration on markers of oxidative stress during early pregnancy in mice.

The use of metabolomics for the discovery of new biomarkers of effect.

An antisense oligonucleotide to HSP47 inhibits paraquat-induced pulmonary fibrosis in rats.

Immunomodulatory effects of the herbicide propanil on cytokine production in humans: In vivo and in vitro exposure.

Pesticide poisoning.

Detection of cytogenetic and DNA damage in peripheral erythrocytes of goldfish (*Carassius auratus*) exposed to a glyphosate formulation using the micronucleus test and the comet assay.

[Change of liver function and blood glucose in patients with acute paraquat poisoning].

Effectiveness of activated hydrogen ions in neutralizing paraquat intoxication in rats.

In vitro atrazine-exposure inhibits human natural killer cell lytic granule release.

3,4-dichloropropionaniline suppresses normal macrophage function.

Cardiovascular effects of herbicides and formulated adjuvants on isolated rat aorta and heart.

Butachlor-induced acute toxic hepatitis.

Protective effect of erythropoietin against 1-methyl-4-phenylpyridinium-induced neurodegeneration in PC12 cells.

Effects of paraquat on anti-oxidant system in rats.

An unusual toxic cause of hemolytic-uremic syndrome.

Plasma cell gingivitis among herbal toothpaste users: a report of three cases.

Agent Orange, prostate cancer irradiation and acute promyelocytic leukemia (APL): is there a link?

Full survival of paraquat-exposed rats after treatment with sodium salicylate.

Melatonin reduces mortality and oxidatively mediated hepatic and renal damage due to diquat treatment.

Combined effects of herbicides on biomarkers reflecting immune-endocrine interactions in goldfish. Immune and antioxidant effects.

Characterization of hepatic glutathione S-transferases in coho salmon (*Oncorhynchus kisutch*).

Comparison study of the extraction methods of paraquat in post-mortem human blood samples.

Cancer incidence and mortality in a New Zealand community potentially exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin from 2,4,5-trichlorophenoxyacetic acid manufacture.

Chemically diverse toxicants converge on Fyn and c-Cbl to disrupt precursor cell function.

Luteolin protects rat PC12 and C6 cells against MPP+ induced toxicity via an ERK dependent Keap1-Nrf2-ARE pathway.

Atrazine is an immune disruptor in adult northern leopard frogs (*Rana pipiens*).

Lipid oxidation products and oxidized low-density lipoproteins impair platelet-derived growth factor receptor activity in smooth muscle cells: implication in atherosclerosis.

Amifostine and glutathione prevent ifosfamide- and acrolein-induced hemorrhagic cystitis.

The HcaR regulatory protein of *Photobacterium luminescens* affects the production of proteins involved in oxidative stress and toxemia.

Cells deficient in the FANC/BRCA pathway are hypersensitive to plasma levels of formaldehyde.

Acute antihypertensive action of Tempol in the spontaneously hypertensive rat.

Impact of arsenic in foodstuffs on the people living in the arsenic-affected areas of West Bengal, India.

Acute acrolein-induced cystitis in mice.

Arsenic methylation, GSTT1, GSTM1, GSTP1 polymorphisms, and skin lesions.

Evaluation of oxidative stress in D-serine induced nephrotoxicity.

Cinnamaldehyde--a potential antidiabetic agent.

Antiplatelet and antithrombotic activities of essential oil from wild *Ocotea quixos* (Lam.) Kosterm. (Lauraceae) calices from Amazonian Ecuador.

Cinnamaldehyde reduction of platelet aggregation and thrombosis in rodents.

Metabolic profiling using Fourier-transform ion-cyclotron-resonance mass spectrometry.

Herbicide 2,4-dichlorophenoxyacetic acid (2,4-D)-induced cytogenetic damage in human lymphocytes in vitro in presence of erythrocytes.

Oral absorption and oxidative metabolism of atrazine in rats evaluated by physiological modeling approaches.

Mechanism of the cytotoxicity of the diazoparaquinone antitumor antibiotic kinamycin F.

Formation of an adduct between insulin and the toxic lipoperoxidation product acrolein decreases both the hypoglycemic effect of the hormone in rat and glucose uptake in 3T3 adipocytes.

Adipokinetic hormone-induced enhancement of antioxidant capacity of *Pyrrhocoris apterus* hemolymph in response to oxidative stress.

Disruption of thyroid hormone binding to sea bream recombinant transthyretin by ioxinyl and polybrominated diphenyl ethers.

Tissue distribution and urinary excretion of dimethylated arsenic and its metabolites in dimethylarsinic acid- or arsenate-treated rats.

20-Hydroxyecdysone prevents oxidative stress damage in adult *Pyrrhocoris apterus*.

Endogenous hydrogen peroxide in paraventricular nucleus mediating cardiac sympathetic afferent reflex and regulating sympathetic activity.

Solid phase extraction of phosphorus-containing amino acid-type herbicides and their metabolites from human blood with titania for determination by capillary electrophoresis.

Is the titer of adipokinetic peptides in *Leptinotarsa decemlineata* fed on genetically modified potatoes increased by oxidative stress?

Trimethylamine oxide suppresses stress-induced alteration of organic anion transport in choroid plexus.

Metabolic differences between two dimethylthioarsenicals in rats.

Targeting the methyl erythritol phosphate (MEP) pathway for novel antimalarial, antibacterial and herbicidal drug discovery: inhibition of 1-deoxy-D-xylulose-5-phosphate reductoisomerase (DXR) enzyme.

Polychlorinated biphenyls and their hydroxylated metabolites (OH-PCBS) in pregnant women from eastern Slovakia.

Binding of dimethylarsinous acid to cys-13 α of rat hemoglobin is responsible for the retention of arsenic in rat blood.

Enhancing cell survival of atrazine degrading *Rhodococcus erythropolis* NI86/21 cells encapsulated in alginate beads.

Oxidative stress impairs heme detoxification in the midgut of the cattle tick, *Rhipicephalus (Boophilus) microplus*.

Thidiazuron-induced regeneration of *Echinacea purpurea* L.: micropropagation in solid and liquid culture systems.

Supplementation of ascorbic acid and alpha-tocopherol prevents arsenic-induced protein oxidation and DNA damage induced by arsenic in rats.

Household exposure to pesticides and risk of childhood hematopoietic malignancies: The ESCALE study (SFCE).

Iron deficiency anemia in infancy is associated with altered temporal organization of sleep states in childhood.

Gene-mutation induction by arsenic compounds in the mouse lymphoma assay.

Increased plasma malondialdehyde and fructosamine in iron deficiency anemia: effect of treatment.

Iron supplementation in pregnancy--does the preparation matter?

Mode of antibacterial action of a signal peptide, Pep27 from *Streptococcus pneumoniae*.

Effects of some boron compounds on peripheral human blood.

Pathogenesis of aryl hydrocarbon receptor-mediated development of lymphoma is associated with increased cyclooxygenase-2 expression.

Differential effects of quercetin and silymarin on arsenite-induced cytotoxicity in two human breast adenocarcinoma cell lines.

A case of survival following high-dose sodium azide poisoning.

Cytogenetic effects of commercial formulations of deltamethrin and/or isotretinoin on human peripheral lymphocytes and mouse bone marrow cells.

Serum profiles of PCDDs and PCDFs, in individuals near the Escambia Wood Treating Company Superfund site in Pensacola, FL.

Effects of dinoseb on energy reserves in the soil arthropod *Folsomia candida*.

Cortical spreading depression releases ATP into the extracellular space and purinergic receptor activation contributes to the induction of ischemic tolerance.

2,3,7,8-TCDD exposure, endothelial dysfunction and impaired microvascular reactivity.

In vitro bioavailability of iron and sensory qualities of iron-fortified wheat biscuits.

Lafora-like ground-glass inclusions in hepatocytes of pediatric patients: a report of two cases.

Randomized trial of early versus late enteral iron supplementation in infants with a birth weight of less than 1301 grams: neurocognitive development at 5.3 years' corrected age.

Study on hemostatic mechanism of fully soluble hemostatic fiber.

Mechanism of internalization of an ICAM-1-derived peptide by human leukemic cell line HL-60: influence of physicochemical properties on targeted drug delivery.

Isolation and characterization of arsenite-resistant human epidermoid carcinoma KB cells.

Relationship between serum concentrations of persistent organic pollutants and the prevalence of metabolic syndrome among non-diabetic adults: results from the National Health and Nutrition Examination Survey 1999-2002.

Arsenic salts induced autophagic cell death and hypermethylation of DAPK promoter in SV-40 immortalized human uroepithelial cells.

Comparison of the effects of arsenic and cadmium on benzo(a)pyrene-induced micronuclei in mouse bone-marrow.

Goserelin acetate 10.8 mg plus iron versus iron monotherapy prior to surgery in premenopausal women with iron-deficiency anemia due to uterine leiomyomas: results from a Phase III, randomized, multicenter, double-blind, controlled trial.

Parental occupational exposure to pesticides and the risk of childhood leukemia in Costa Rica.

Bisphenol-A and chlorinated derivatives in adipose tissue of women.

Intravenous ferric carboxymaltose compared with oral iron in the treatment of postpartum anemia: a randomized controlled trial.

Imatinib mesylate inhibits cell invasion of malignant peripheral nerve sheath tumor induced by platelet-derived growth factor-BB.

Fetal tracheal occlusion for the treatment of congenital diaphragmatic hernia.

Protective effects of hepatocellular canalicular conjugate export pump (Mrp2) on sodium arsenite-induced hepatic dysfunction in rats.

Hostility, anger, and depression predict increases in C3 over a 10-year period.

Policy statement on iron deficiency in pre-school-aged children.

Experimental investigation of the role of endothelin-1 in idiopathic portal hypertension.

Aryl hydrocarbon receptor activation during influenza virus infection unveils a novel pathway of IFN-gamma production by phagocytic cells.

[Effectiveness of different iron supplementation strategies on hemoglobin and ferritin levels among schoolchildren in Teresina, Piauí State, Brazil].

Cytotoxicity in cultured mammalian cells is a function of the method used to estimate it.

Subchronic feeding study of DAS-59122-7 maize grain in Sprague-Dawley rats.

Pesticides and their metabolites in the homes and urine of farmworker children living in the Salinas Valley, CA.

Mass iron treatment is cheaper than routine deworming.

Differences in acute toxicity syndromes of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin in rats.

Fortification of drinking water to control iron-deficiency anemia in preschool children.

Effects of various iron fortificants on sensory acceptability and shelf-life stability of instant noodles.

[Recommendation of a highly sensitive method for measuring hemoglobin in hemolytic test].

[Efficacy of iron supplementation with or without vitamin A for anemia control].

A randomised placebo-controlled trial to determine the effect of iron supplementation on pregnancy outcome in pregnant women with haemoglobin > or = 13.2 g/dl.

Symptomatic response of erythropoietic protoporphyria to iron supplementation.

Decreased lung fibroblast growth factor 18 and elastin in human congenital diaphragmatic hernia and animal models.

[Relationship between blood dioxin levels and present/past clinical symptoms in Kanemi Yusho patients].

Inhibition of NF- κ B does not induce c-Jun N-terminal kinase-mediated apoptosis in reperfusion injury.

Inhibiting glycosphingolipid synthesis improves glycemic control and insulin sensitivity in animal models of type 2 diabetes.

A battery of DNA effect biomarkers to evaluate environmental exposure of Flemish adolescents.

Some clinico and histopathological changes in female goats experimentally exposed to dioxin.

Iron absorption from wheat flour: effects of lemonade and chamomile infusion.

New insights about iron bioavailability inhibition by zinc.

Long-term effects of subcutaneously injected 2,3,7,8-tetrachlorodibenzo-p-dioxin on the liver of rhesus monkeys.

Iron therapy for renal anemia: how much needed, how much harmful?

Role of heat shock protein 70 in hepatic ischemia-reperfusion injury in mice.

Thirteen week feeding study with transgenic maize grain containing event DAS- \sim 15 \sim 7-1 in Sprague-Dawley rats.

Developmental exposure of mice to TCDD elicits a similar uterine phenotype in adult animals as observed in women with endometriosis.

Serum dioxin concentrations and quality of ovarian function in women of Seveso.

Rickettsial and other tick-borne infections.

Occupational exposure to methyl iodide.

Severe skin reaction due to excipients of an oral iron treatment.

Medical countermeasure against respiratory toxicity and acute lung injury following inhalation exposure to chemical warfare nerve agent VX.

Pharmacokinetics of arsenic species in Japanese patients with relapsed or refractory acute promyelocytic leukemia treated with arsenic trioxide.

Newly diagnosed iron deficiency anaemia in a premenopausal woman.

Rationale and design of the IRON-HF study: a randomized trial to assess the effects of iron supplementation in heart failure patients with anemia.

Intravenous ferric gluconate significantly improves response to epoetin alfa versus oral iron or no iron in anemic patients with cancer receiving chemotherapy.

Clinical aspects of iron use in the anemia of kidney disease.

P-selectin mediates metastatic progression through binding to sulfatides on tumor cells.

Placental transfer of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in Taiwanese mothers in relation to menstrual cycle characteristics.

Effect of iron repletion and correction of iron deficiency on thyroid function in iron-deficient Iranian adolescent girls.

Arsenic methylation capability and hypertension risk in subjects living in arseniasis-hyperendemic areas in southwestern Taiwan.

Microarray analysis of gene expression in peripheral blood mononuclear cells from dioxin-exposed human subjects.

Comparison of efficacy, tolerability, and cost of iron polymaltose complex with ferrous sulphate in the treatment of iron deficiency anemia in pregnant women.

Keokuk County rural health study: self-reported use of agricultural chemicals and protective equipment.

Reproductive disorders associated with pesticide exposure.

Influence of dietary fat and zinc supplementation on the iron utilization in growing rats.

Investigation on the genotoxic effects of long-term administration of sodium arsenite in bone marrow and testicular cells in vivo using the comet assay.

[Sodium azide--clinical course of the poisoning and treatment].

[¹¹C]Vinblastine syntheses and preliminary imaging in cancer patients.

Iron(III)-hydroxide polymaltose complex in iron deficiency anemia / review and meta-analysis.

Decreased treatment failure rates following duodenal release ferrous glycine sulfate in iron deficiency anemia associated with autoimmune gastritis and Helicobacter pylori gastritis.

Arsenic methylation, urinary arsenic metabolites and human diseases: current perspective.

Exacerbation of infectious diseases by iron supplementation.

Is any link between inflammation and coronary artery ectasia?

Involvement of substance P and neurogenic inflammation in arsenic-induced early vascular dysfunction.

Taurine release in mouse brain stem slices under cell-damaging conditions.

Iron supplementation maintains ventilatory threshold and improves energetic efficiency in iron-deficient nonanemic athletes.

In vitro utilization of ferromagnetic nanoparticles in hemodialysis therapy.

Semen quality in relation to xenohormone and dioxin-like serum activity among Inuits and three European populations.

Association of thyroid hormone concentrations with levels of organochlorine compounds in cord blood of neonates.

Osteoblast protects osteoclast devoid of sodium-dependent vitamin C transporters from oxidative cytotoxicity of ascorbic acid.

Alterations in human red blood cell properties induced by 3-(dimethylamino)phenol (in vitro).

Damage to the cytoplasmic membrane and cell death caused by lycopene in *Candida albicans*.

Polychlorinated biphenyls 105 and 118 form thyroid hormone receptor agonists after cytochrome P4501A1 activation in rat pituitary GH3 cells.

Detection and structural characterization of glutathione-trapped reactive metabolites using liquid chromatography-high-resolution mass spectrometry and mass defect filtering.

Uridine-5'-triphosphate (UTP) maintains cardiac mitochondrial function following chemical and hypoxic stress.

Platelet-endothelial cell adhesion molecule-1-directed endothelial targeting of superoxide dismutase alleviates oxidative stress caused by either extracellular or intracellular superoxide.

An adaptable internal dose model for risk assessment of dietary and soil dioxin exposures in young children.

Comparison of the effect of phenol and its derivatives on protein and free radical formation in human erythrocytes (in vitro).

Panax ginseng effects on DNA damage, CYP1A1 expression and histopathological changes in testes of rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Structure of *Arabidopsis thaliana* 5-methylthioribose kinase reveals a more occluded active site than its bacterial homolog.

Lipid peroxidation-induced DNA damage in cancer-prone inflammatory diseases: a review of published adduct types and levels in humans.

Alkaline saponification results in decomposition of tocopherols in milk and ovine blood plasma.

Immunomodulatory effects of organochlorine mixtures upon in vitro exposure of peripheral blood leukocytes differ between free-ranging and captive southern sea otters (*Enhydra lutris*).

Polychlorinated biphenyls alter the expression of endothelial nitric oxide synthase mRNA in human umbilical vein endothelial cells.

Folic acid supplementation lowers blood arsenic.

Identification of the catalytic subunit of acetohydroxyacid synthase in *Haemophilus influenzae* and its potent inhibitors.

Concentrations of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, and dioxin-like polychlorinated biphenyls in blood collected from 195 pregnant women in Sapporo City, Japan.

Attic dust and human blood samples collected near a former wood treatment facility.

Concentration and age-dependent elimination kinetics of polychlorinated dibenzofurans in Yucheng and Yusho patients.

Potentiating effect of an endocrine disruptor, paranonylphenol, on the generation of reactive oxygen species (ROS) in human venous blood -- association with the activation of signal transduction pathway.

An angiotensin II type-I receptor blocker, olmesartan medoxomil, attenuates lipid peroxidation in renal injury induced by subtotal nephrectomy.

Src family tyrosine kinases mediate contraction of rat isolated tail arteries in response to a hyposmotic stimulus.

Lack of an effect of oral iron administration on mycophenolic acid pharmacokinetics in stable renal transplant recipients.

The mode of action of thidiazuron: auxins, indoleamines, and ion channels in the regeneration of *Echinacea purpurea* L.

2,3,7,8-Tetrachlorodibenzo-p-dioxin modulates functional differentiation of mouse bone marrow-derived dendritic cells Downregulation of RelB by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Surface desorption atmospheric pressure chemical ionization mass spectrometry for direct ambient sample analysis without toxic chemical contamination.

Hemodynamic consequences of chronic parasympathetic blockade with a peripheral muscarinic antagonist.

In vitro and in vivo characterization of [³H]CNS-5161--a use-dependent ligand for the N-methyl-D-aspartate receptor in rat brain.

Current role of liquid chromatography-mass spectrometry in clinical and forensic toxicology.

Hexavalent chromium reduction by *Acinetobacter haemolyticus* isolated from heavy-metal contaminated wastewater.

SCL-GFP transgenic zebrafish: in vivo imaging of blood and endothelial development and identification of the initial site of definitive hematopoiesis.

Pesticide poisoning in domestic animals and livestock in Austria: a 6 years retrospective study.

Risk assessment of great horned owls (*Bubo virginianus*) exposed to polychlorinated biphenyls and DDT along the Kalamazoo River, Michigan, USA.

Towards improved artificial lungs through biocatalysis.

Intravenous versus oral iron supplementation in peritoneal dialysis patients.

Overexpression of thioredoxin1 in transgenic mice suppresses development of diabetic nephropathy.

Prenatal exposures to persistent organic pollutants as measured in cord blood and meconium from three localities of Zhejiang, China.

Chronic exposure to sub-lethal concentration of a glyphosate-based herbicide alters hormone profiles and affects reproduction of female Jundiã (*Rhamdia quelen*).

Dioxin concentration in the blood of patients collected during medical check-up for Yusho in 2004-2005.

[Analysis of residual nature of dioxins in blood of Yusho patients and controls in relation to the Yusho oil and food as respective exposure routes].

[Trend of 2,3,4,7,8-PeCDF concentrations in the blood of Yusho patients over four years].

Kinetics and functional assay of liver repopulation after human cord blood transplantation.

The Environmental Specimen Bank for Human Tissues as part of the German Environmental Specimen Bank.

Preparation of cyclic 2',3'-carbamate derivatives of erythromycin macrolide antibiotics.

Mechanisms of sodium azide-induced changes in intracellular calcium concentration in rat primary cortical neurons.

Reproductive functions and hypothalamic catecholamines in response to the soil fumigant metam sodium: adaptations to extended exposures.

Haemocyte apoptosis as a general cellular immune response of the snail, *Lymnaea stagnalis*, to a toxicant.

Comparison of three different preservatives for morphological and real-time PCR analyses of *Haemonchus contortus* eggs.

[Relationship between 5,10-methylenetetrahydrofolate reductase genetic polymorphism and arsenic metabolism].

Non-heme induction of heme oxygenase-1 does not alter cellular iron metabolism.

Preoperative haematinics and transfusion protocol reduce the need for transfusion after total knee replacement.

Modifying effect of the AR gene trinucleotide repeats and SNPs in the AHR and AHRR genes on the association between persistent organohalogen pollutant exposure and human sperm Y:X ratio.

Determinants of dioxins and furans in blood of non-occupationally exposed populations living near Portuguese solid waste incinerators.

PCDD/F and dioxin-like PCB in human blood and milk from German mothers.

Concentration and distribution of dioxins and related compounds in human tissues.

Levels of PCDDs, PCDFs, and PCBs in the blood of the non-occupationally exposed residents living in the vicinity of a chemical plant in the Czech Republic.

Arsenite interactions with phospholipid bilayers as molecular models for the human erythrocyte membrane.

No contribution of multipotent mesenchymal stromal cells to liver regeneration in a rat model of prolonged hepatic injury.

Cloning, purification, and identification of the liver canalicular ecto-ATPase as NTPDase8.

Inhibitory and enhancing effects of piroxicam on whole blood chemiluminescence.

Halogenated organic contaminants and mercury in northern fulmars (*Fulmarus glacialis*): levels, relationships to dietary descriptors and blood to liver comparison.

Computer aided boar semen motility analysis for cereulide detection in different food matrices.

Resveratrol protects dopaminergic neurons in midbrain slice culture from multiple insults.

Can radiation-induced apoptosis be modulated by inhibitors of energy metabolism?

Laminin and a *Plasmodium* ookinete surface protein inhibit melanotic encapsulation of Sephadex beads in the hemocoel of mosquitoes.

In vitro and in vivo characterization of alkyl hydroperoxide reductase mutant strains of *Helicobacter hepaticus*.

Investigating the role of the aryl hydrocarbon receptor in benzene-initiated toxicity in vitro.

Comparative developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the hamster, rat and guinea pig.

Heparan sulfate proteoglycans (HSPGs) modulate BMP2 osteogenic bioactivity in C2C12 cells.

Vitamin E supplementation protects oxidative stress during arsenic and fluoride antagonism in male mice.

PLA2 mediated arachidonate free radicals: PLA2 inhibition and neutralization of free radicals by antioxidants--a new role as anti-inflammatory molecule.

LC-MS-MS analysis of 2,4-dinitrophenol and its phase I and II metabolites in a case of fatal poisoning.

Effects of combined administration of captopril and DMSA on arsenite induced oxidative stress and blood and tissue arsenic concentration in rats.

Modulation of the respiratory burst by organochlorine mixtures in marine mammals, humans, and mice.

EU biotech crop regulations and environmental risk: a case of the emperor's new clothes?

Synthesis of 6-chloroisoquinoline-5,8-diones and pyrido[3,4-b]phenazine-5,12-diones and evaluation of their cytotoxicity and DNA topoisomerase II inhibitory activity.

Diquat induces renal proximal tubule injury in glutathione reductase-deficient mice.

Acrolein induces vasodilatation of rodent mesenteric bed via an EDHF-dependent mechanism.

Toxicity of a trivalent organic arsenic compound, dimethylarsinous glutathione in a rat liver cell line (TRL 1215).

Genotoxicity analysis of the phenoxy herbicide dicamba in mammalian cells in vitro.

Relationship between body iron stores and diquat toxicity in male Fischer-344 rats.

Aldehyde load in ischemia-reperfusion brain injury: neuroprotection by neutralization of reactive aldehydes with phenelzine.

A model of hemorrhagic cystitis induced with acrolein in mice.

The effect of paraquat on hepatic EROD activity, liver, and gonadal histology in males and females of Nile tilapia, *Oreochromis niloticus*, exposed at different temperatures.

Comparative genotoxicity of the herbicides Roundup, Stomp and Reglone in plant and mammalian test systems.

A case of acute sodium chlorate self-poisoning successfully treated without conventional therapy.

Pesticides exposure in Culturama, Brazil--knowledge, attitudes, and practices.

Effect of glyphosate herbicide on acetylcholinesterase activity and metabolic and hematological parameters in piava (*Leporinus obtusidens*).

Introduction of cAMP and establishment of neutral lipids alterations as pollution biomarkers using the mussel *Mytilus galloprovincialis*. Correlation with a battery of biomarkers.

Histological changes and micronucleus induction in the zebra mussel *Dreissena polymorpha* after paraquat exposure.

Effects of Diuron [3-(3,4-dichlorophenyl)-1,1-dimethylurea] on the urinary bladder of male Wistar rats.

NTP Technical Report on the comparative toxicity studies of allyl acetate (CAS No. 591-87-7), allyl alcohol (CAS No. 107-18-6) and acrolein (CAS No. 107-02-8) administered by gavage to F344/N rats and B6C3F1 mice.

[Proposal of an analytical pathway for the treatment of poisonings--application of blood concentration to the evaluation of toxicity: nomogram and outcome].

Parenteral glyphosate-surfactant herbicide intoxication.

Antimutagenic effect of neem leaves extract in freshwater fish, *Channa punctatus* evaluated by cytogenetic tests.

DNA damage and repair in haemolymph cells of golden mussel (*Limnoperna fortunei*) exposed to environmental contaminants.

[Influence of ambroxol on paraquat-induced lung tissue injury and change of pulmonary surfactant-associated protein A in the experimental rats].

[Propofol protecting rats from paraquat induced lung injury].

The relative sensitivity of growth and reproduction in the springtail, *Folsomia candida*, exposed to xenobiotics in the laboratory: an indicator of soil toxicity.

Paternal occupational exposure to pesticides or herbicides as risk factors for cancer in children and young adults: a case-control study from the North of England.

Identification of a novel hemoglobin adduct in Sprague Dawley rats exposed to atrazine.

Analysis of reproductive toxicity and classification of glufosinate-ammonium.

Strategies to assess systemic exposure of chemicals in subchronic/chronic diet and drinking water studies.

Hodgkin lymphoma, multiple myeloma, soft tissue sarcomas, insect repellents, and phenoxyherbicides.

Acrolein produces nitric oxide through the elevation of intracellular calcium levels to induce apoptosis in human umbilical vein endothelial cells: implications for smoke angiopathy.

Mortality from ischemic heart disease and diabetes mellitus (type 2) in four U.S. wheat-producing states: a hypothesis-generating study.

Orphan nuclear receptor pregnane X receptor sensitizes oxidative stress responses in transgenic mice and cancerous cells.

Effects of insect growth regulators on the nontarget soil arthropod *Folsomia candida* (Collembola).

[Fatal poisoning caused by the ingestion of a concentrated solution of 2,4-D and MCPP].

Further evidence of the usefulness of Acute Physiology and Chronic Health Evaluation II scoring system in acute paraquat poisoning.

Polyamines in renal failure.

Hyperbaric oxygen preconditioning induces tolerance against spinal cord ischemia by upregulation of antioxidant enzymes in rabbits.

H₂O₂ injury in beta thalassemic erythrocytes: protective role of catalase and the prooxidant effects of GSH.

Gene expression of cytokines and growth factors in the lungs after paraquat administration in mice.

Effects of alpha tocopherol and probucol supplements on allergen-induced airway inflammation and hyperresponsiveness in a mouse model of allergic asthma.

Drought effects on carbon and nitrogen metabolism of pea nodules can be mimicked by paraquat: evidence for the occurrence of two regulation pathways under oxidative stresses.

Acrolein generation stimulates hypercontraction in isolated human blood vessels.

LC/MS/MS analysis of quaternary ammonium drugs and herbicides in whole blood.

Clarification of pathway-specific inhibition by Fourier transform ion cyclotron resonance/mass spectrometry-based metabolic phenotyping studies.

Total syntheses of (+/-)-beta-erythroidine and (+/-)-8-oxo-beta-erythroidine by an intramolecular Diels-Alder cycloaddition of a 2-amidoacrolein.

Hydralazine rescues PC12 cells from acrolein-mediated death.

Interactions of skin thickness and physicochemical properties of test compounds in percutaneous penetration studies.

Influence of Cry1Ac toxin on mineralization and bioavailability of glyphosate in soil.

Plasma organochlorine concentrations and bone ultrasound measurements: a cross-sectional study in peri- and postmenopausal Inuit women from Greenland.

Cardiovascular responses produced by central injection of hydrogen peroxide in conscious rats.

Sodium arsenite accelerates TRAIL-mediated apoptosis in melanoma cells through upregulation of TRAIL-R1/R2 surface levels and downregulation of cFLIP expression.

Effects of chemical ischemia on cerebral cortex slices: focus on mitogen-activated protein kinase cascade.

Oral mucosal ulceration due to ferrous sulphate tablets: report of a case.

Anthropometric and metabolic factors and risk of benign prostatic hyperplasia: a prospective cohort study of Air Force veterans.

Pharmacologic and functional characterization of malignant hyperthermia in the R163C RyR1 knock-in mouse.

Impaired intestinal iron absorption in Crohn's disease correlates with disease activity and markers of inflammation.

Sigma-1 receptor activation prevents intracellular calcium dysregulation in cortical neurons during in vitro ischemia.

Novel selective orally active CRTH2 antagonists for allergic inflammation developed from in silico derived hits.

MicroRNA responses to cellular stress.

Perinatal exposure to PCB 153, but not PCB 126, alters bone tissue composition in female goat offspring.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (Cas No. 31508-00-6) in female Harlan Sprague-Dawley rats (gavage studies).

Impact of weekly treatment with ferrous sulfate on hemoglobin level, morbidity and nutritional status of anemic infants.

Covariation of psychological attributes and incident coronary heart disease in U.S. Air Force veterans of the Vietnam war.

Effects of iron deficiency versus iron deficiency anemia on brainstem auditory evoked potentials in infancy.

Coexistence of megaloblastic anemia and iron deficiency anemia in a young woman with chronic lymphocytic thyroiditis.

Hypolipidaemic and antiplatelet activity of phenoxyacetic acid derivatives related to alpha-asarone.

Ascorbyl palmitate enhances iron bioavailability in iron-fortified bread.

Interferon-gamma plays protective roles in sodium arsenite-induced renal injury by up-regulating intrarenal multidrug resistance-associated protein 1 expression.

Erythropoietin depletes iron stores: antioxidant neuroprotection for ischemic stroke?

Micronuclei induction and chromosomal aberrations in *Rattus norvegicus* by chloroacetic acid and chlorobenzene.

t(14;18) translocations in lymphocytes of healthy dioxin-exposed individuals from Seveso, Italy.

Bifunctional modulating effects of an indigo dimer (bisindigotin) to CYP1A1 induction in H4IIE cells.

Clozapine bioactivation induces dose-dependent, drug-specific toxicity of human bone marrow stromal cells: a potential in vitro system for the study of agranulocytosis.

Oxidative stress by ascorbate/menadione association kills K562 human chronic myelogenous leukaemia cells and inhibits its tumour growth in nude mice.

Effectiveness of intermittent iron treatment of two- to six-year-old Jordanian children with iron-deficiency anemia.

[Effects of ferrous sulfate supplementation on bone marrow hemopoiesis in rats].

Cancer and pesticides: an overview and some results of the Italian multicenter case-control study on hematolymphopoietic malignancies.

Antimicrobial efficiency of some antiseptic products on endodontic microflora isolated from gangrenous pulp tissue.

Iron deficiency, but not anemia, upregulates iron absorption in breast-fed peruvian infants.

Anti-irritants I: Dose-response in acute irritation.

Quaternary benzo[c]phenanthridine alkaloids sanguinarine and chelerythrine do not affect transcriptional activity of aryl hydrocarbon receptor: analyses in rat hepatoma cell line H4IIE.luc.

Connexin 43 gene expression in mice with cardiopulmonary developmental defects.

Down-regulation of wt1 expression in leukemia cell lines as part of apoptotic effect in arsenic treatment using two compounds.

Severe adverse cutaneous reaction to insulin due to cresol sensitivity.

Molluscicidal effect of fenitrothion and anilofos on *Lymnaea natalensis* and *Biomphalaria alexandrina* snails and on the free larval stages of *Schistosoma mansoni*.

Cutaneous poisoning syndromes in children: a review.

Superior dialytic clearance of beta(2)-microglobulin and p-cresol by high-flux hemodialysis as compared to peritoneal dialysis.

Mechanisms of 2-butoxyethanol-induced hemangiosarcomas.

Insulin-like growth factor-I increases bone sialoprotein (BSP) expression through fibroblast growth factor-2 response element and homeodomain protein-binding site in the proximal promoter of the BSP gene.

Cell death, caspase activation, and HMGB1 release of porcine choroid plexus epithelial cells during *Streptococcus suis* infection in vitro.

For dioxin-induced birth defects, mouse or human CYP1A2 in maternal liver protects whereas mouse CYP1A1 and CYP1B1 are inconsequential.

Failure to thrive while breastfeeding.

Demographic factors determining compliance to iron supplementation in pregnancy in Oyo State, Nigeria.

Angiotensin-converting enzyme inhibitors slow recovery from anemia following cardiac surgery.

Clinical inquiries. What is appropriate management of iron deficiency for young children?

Unique secondary chromosomal abnormalities are frequently found in the chronic phase of chronic myeloid leukemia in southern Vietnam.

Maternal hair--an appropriate matrix for detecting maternal exposure to pesticides during pregnancy.

HCV proteins increase expression of heme oxygenase-1 (HO-1) and decrease expression of Bach1 in human hepatoma cells.

Arsenic speciation transported through the placenta from mother mice to their newborn pups.

Overexpression of survivin in primary ATL cells and sodium arsenite induces apoptosis by down-regulating survivin expression in ATL cell lines.

Lung morphology after late fetal tracheal ligation in rats.

Lethal acute lung injury and hypoglycemia after subcutaneous administration of monochloroacetic acid.

In vitro stability of insulin lispro in continuous subcutaneous insulin infusion.

Adsorption of the uremic toxin p-cresol onto hemodialysis membranes and microporous adsorbent zeolite silicalite.

NTP technical report on the toxicology and carcinogenesis studies of 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (Gavage studies).

[Effects of MRP2-GSH cotransport system on hepatic arsenic metabolism in rats].

Effects of prenatal exposure to polychlorinated biphenyls and dioxins on mental and motor development in Japanese children at 6 months of age.

Clinical pharmacokinetic study of arsenic trioxide in an acute promyelocytic leukemia (APL) patient: speciation of arsenic metabolites in serum and urine.

Acute hypoxia-ischemia results in hydrogen peroxide accumulation in neonatal but not adult mouse brain.

Evaluation of subchronic inhalation toxicity of dimethyl disulfide in rats.

Chronic exposure to methylated arsenicals stimulates arsenic excretion pathways and induces arsenic tolerance in rat liver cells.

Synchrotron microradiography study on acute lung injury of mouse caused by PM(2.5) aerosols.

The dioxin receptor is silenced by promoter hypermethylation in human acute lymphoblastic leukemia through inhibition of Sp1 binding.

Effect of *Centella asiatica* on arsenic induced oxidative stress and metal distribution in rats.

Increased levels of polychlorobiphenyls in Italian women with endometriosis.

Differential susceptibilities of Holtzman and Sprague-Dawley rats to fetal death and placental dysfunction induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) despite the identical primary structure of the aryl hydrocarbon receptor.

NTP technical report on the toxicology and carcinogenesis studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (CAS No. 1746-01-6) in female Harlan Sprague-Dawley rats (Gavage Studies).

Two deaths attributed to the use of 2,4-dinitrophenol.

Clinical and experimental applications of NIR-LED photobiomodulation.

NADPH oxidase in the renal medulla causes oxidative stress and contributes to salt-sensitive hypertension in Dahl S rats.

Characterization of transferrin receptor-dependent GaC-Tf-FeN transport in human leukemic HL60 cells.

Depletion of cardiolipin and cytochrome c during ischemia increases hydrogen peroxide production from the electron transport chain.

A dose-response study of the effects of prenatal and lactational exposure to TCDD on the immune response to influenza a virus.

Endocrine disrupters and female reproductive health.

Bothrops moojeni myotoxin-II, a Lys49-phospholipase A2 homologue: an example of function versatility of snake venom proteins.

Synergism in immunotoxicological effects due to repeated combined administration of arsenic and lead in mice.

Elevation of circulating endothelial microparticles in patients with chronic renal failure.

Improved ELISA method for screening human antigen-specific IgE and its application for monitoring specific IgE for novel proteins in genetically modified foods.

Depletion of securin increases arsenite-induced chromosome instability and apoptosis via a p53-independent pathway.

Assessment of genotoxicity of 14 chemical agents used in dental practice: ability to induce chromosome aberrations in Syrian hamster embryo cells.

Lymphoid leukaemia in a saker falcon.

Cooking and Fe fortification have different effects on Fe bioavailability of bread and tortillas.

The effects of prophylactic iron given in prenatal supplements on iron status and birth outcomes: a randomized controlled trial.

Iron bioavailability from fortified petit suisse cheese determined by the prophylactic-preventive method.

Investigation of sanguinarine and chelerythrine effects on CYP1A1 expression and activity in human hepatoma cells.

Diabetogenic effects and pancreatic oxidative damage in rats subchronically exposed to arsenite.

[Tardyferon in obstetric and gynecological practice].

Antioxidant, antimutagenic, and antitumor effects of pine needles (*Pinus densiflora*).

Glycoconjugate vaccines against *Haemophilus influenzae* type b.

A randomized controlled trial of oral versus intravenous iron in chronic kidney disease.

Chondroitin sulfate A chains enhance platelet derived growth factor-mediated signalling in fibrosarcoma cells.

Molecular mechanisms of 2,3,7,8-tetrachlorodibenzo-p-dioxin cardiovascular embryotoxicity.

Effects of 2,4-dinitrophenol on ischemia-induced blood-brain barrier disruption.

NTP toxicology and carcinogenesis studies of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (CAS No. 57465-28-8) in female Harlan Sprague-Dawley rats (Gavage Studies).

[Free radical processes in patients with iron deficiency anemia treated with iron medication].

Effects of caffeine, halothane, and 4-chloro-m-cresol on skeletal muscle lactate and pyruvate in malignant hyperthermia-susceptible and normal swine as assessed by microdialysis.

Understanding dioxin developmental toxicity using the zebrafish model.

Induction of cytochrome P450-1A by the equine estrogen equilenin, a new endogenous aryl hydrocarbon receptor ligand.

Increased manganese uptake by primary astrocyte cultures with altered iron status is mediated primarily by divalent metal transporter.

Inhibition of MAPK stimulates the Ca²⁺ -dependent big-conductance K channels in cortical collecting duct.

De novo expression of MECA-79 glycoprotein-determinant on developing B lymphocytes in gut-associated lymphoid tissues.

A study of soluble HLA-G1 protecting porcine endothelial cells against human natural killer cell-mediated cytotoxicity.

Role of the medial prefrontal cortex in cardiovascular responses to acute restraint in rats.

Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in developing red seabream (*Pagrus major*) embryo: an association of morphological deformities with AHR1, AHR2 and CYP1A expressions.

Oxidative hemolysis of erythrocytes.

Liver glycogen bodies: ground-glass hepatocytes in transplanted patients.

Cytotoxic effects of S-(dimethylarsino)-glutathione: a putative intermediate metabolite of inorganic arsenicals.

Identification and characterization of genes susceptible to transcriptional cross-talk between the hypoxia and dioxin signaling cascades.

The 2005 World Health Organization reevaluation of human and Mammalian toxic equivalency factors for dioxins and dioxin-like compounds.

Comparison of the effect of Aminopielik D pesticide and its active components on human erythrocytes.

Toxicology and carcinogenesis studies of a mixture of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (Cas No. 1746-01-6), 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4), and 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) in female Harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4) in female Harlan Sprague-Dawley rats (gavage studies).

Effects of pesticides on soil invertebrates in model ecosystem and field studies: a review and comparison with laboratory toxicity data.

Roles of cellular activation and sulfated glycans in *Haemophilus somnus* adherence to bovine brain microvascular endothelial cells.

C-Reactive protein upregulates receptor for advanced glycation end products expression in human endothelial cells.

Effects of individual and combined exposure to sodium arsenite and sodium fluoride on tissue oxidative stress, arsenic and fluoride levels in male mice.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (gavage studies).

Aryl hydrocarbon receptor activation produces heart-specific transcriptional and toxic responses in developing zebrafish.

The role of the aryl hydrocarbon receptor pathway in mediating synergistic developmental toxicity of polycyclic aromatic hydrocarbons to zebrafish.

Toll-like receptor priming sensitizes macrophages to proinflammatory cytokine gene induction by deoxynivalenol and other toxicants.

Polychlorinated biphenyl concentrations, congener profiles, and ratios in the fat tissue, eggs, and plasma of snapping turtles (*Chelydra s. serpentina*) from the Ohio Basin of Lake Erie, USA.

Case report: Hydroquinone and/or glutaraldehyde induced acute myeloid leukaemia?

Arsenicals in maternal and fetal mouse tissues after gestational exposure to arsenite.

A fatal case of saponated cresol ingestion.

Arsenite increases vasoconstrictor reactivity in rat blood vessels: role of endothelial nitric oxide function.

Hypoxic vasoconstriction of partial muscular intra-acinar pulmonary arteries in murine precision cut lung slices.

Oral administration of lactoferrin increases hemoglobin and total serum iron in pregnant women.

Differences in tumor-associated protein levels among middle-age Flemish women in association with area of residence and exposure to pollutants.

Horse chestnut extract induces contraction force generation in fibroblasts through activation of Rho/Rho kinase.

Impairment of testicular function in adult male Japanese quail (*Coturnix japonica*) after a single administration of 3-methyl-4-nitrophenol in diesel exhaust particles.

Toluene toxicokinetics and metabolism parameters in the rat and guinea pig.

Chronic exposure to dioxin-like compounds and thyroid function among New York anglers.

Systemic and myelotoxic effects of single administration of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

The effects of vehicles on the human dermal irritation potentials of allyl esters.

Body burdens of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls and their relations to estrogen metabolism in pregnant women.

A toxicokinetic model for the carry-over of dioxins and PCBs from feed and soil to eggs.

Suppressive effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on vascular remodeling that takes place in the normal labyrinth zone of rat placenta during late gestation.

Dystrophin is a possible end-target of ischemic preconditioning against cardiomyocyte oncosis during the early phase of reperfusion.

Effect of chlorpromazine on bone sialoprotein (BSP) gene transcription.

Analytical methods for trace levels of reactive carbonyl compounds formed in lipid peroxidation systems.

Regeneration of the liver in mice treated with a mixture of hepatotoxins in delayed periods after bone marrow transplantation.

Effect of a single in ovo injection of 2,3,7,8-tetrachlorodibenzo-p-dioxin on protein expression in liver and ovary of the one-day-old chick analyzed by fluorescent two-dimensional difference gel electrophoresis and mass spectrometry.

Sodium azide dilates coronary arterioles via activation of inward rectifier K⁺ channels and Na⁺-K⁺-ATPase.

Desensitization of platelet-derived growth factor receptor-beta by oxidized lipids in vascular cells and atherosclerotic lesions: prevention by aldehyde scavengers.

[Polychlorinated biphenyls, dibenzo-p-dioxines, and dibenzofurans in the blood of the indigenous population of the Russian North].

Membrane protein carbonylation in non-leukodepleted CPDA-preserved red blood cells.

The aryl hydrocarbon receptor activates the retinoic acid receptoralpha through SMRT antagonism.

UVA1 radiation (340-400 nm) interferes with the perforin-granule system of CD8hi+ cytotoxic T lymphocytes in vitro.

Ecto-nucleotide pyrophosphatase/phosphodiesterase as part of a multiple system for nucleotide hydrolysis by platelets from rats: kinetic characterization and biochemical properties.

Identification of zebrafish ARNT1 homologs: 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in the developing zebrafish requires ARNT1.

Epo protects SOD2-deficient mouse astrocytes from damage by oxidative stress.

Influence of orange juice in the levels and in the genotoxicity of iron and copper.

[Resorption and tolerance of the high doses of ferrous sulfate and ferrous gluconate in the patients on peritoneal dialysis].

Synthetic smooth muscle cell phenotype is associated with increased nicotinamide adenine dinucleotide phosphate oxidase activity: effect on collagen secretion.

Phospholipase A2, reactive oxygen species, and lipid peroxidation in cerebral ischemia.

Transport of carbamazepine and drug interactions at blood-brain barrier.

Recent female mouse models displaying advanced reproductive aging.

LTBP-1 blockade in dioxin receptor-null mouse embryo fibroblasts decreases TGF-beta activity: Role of extracellular proteases plasmin and elastase.

[Liquid chromatographic determination of free thiamine and its esters in whole blood].

Peroxynitrite can affect platelet responses by inhibiting energy production.

Co-administration of zinc and n-acetylcysteine prevents arsenic-induced tissue oxidative stress in male rats.

Coagulation-flocculation of wastewaters from a water-based paint and allied products industry and its effect on inert COD.

[Forecasting parameters of acute chemical toxicity according to in vitro conformation changes of proteins].

Isolation, culture, and plant regeneration from *Echinacea purpurea* protoplasts.

Transduced human copper chaperone for Cu,Zn-SOD (PEP-1-CCS) protects against neuronal cell death.

Myeloperoxidase-generated oxidants modulate left ventricular remodeling but not infarct size after myocardial infarction.

Detection of DNA damage by alkaline single cell gel electrophoresis in 2,4-dichlorophenoxyacetic-acid- and butachlor-exposed erythrocytes of *Clarias batrachus*.

[Toxicity effects of pentachlorophenol on *Brachydanio rerio*].

Effect of 2,4-dichlorophenoxyacetic acid on the activities of some metabolic enzymes for generating pyridine nucleotide pool of cells from mouse liver.

Effects of different soil types on the Collembolans *Folsomia candida* and *Hypogastrura assimilis* using the herbicide Phenmedipham.

Acrolein in cigarette smoke inhibits T-cell responses.

[Effects of different doses of levodopa on paraquat-induced neurotoxicity: an experiment with mice].

Mechanism of acrolein-induced vascular toxicity.

Clinical implications of the ethane in exhaled breath in patients with acute paraquat intoxication.

Intentional self-poisoning with the chlorophenoxy herbicide 4-chloro-2-methylphenoxyacetic acid (MCPA).

High blood pressure is one of the symptoms of paraquat-induced toxicity in rats.

The polysaccharide antibody response after *Streptococcus pneumoniae* vaccination is differentially enhanced or suppressed by 3,4-dichloropropionanilide and 2,4-dichlorophenoxyacetic acid.

Effects of a low dose of bentazon on spermatogenesis of mice exposed during foetal, postnatal and adult life.

Persistent inhibition of human natural killer cell function by ziram and pentachlorophenol.

Preventive mechanism of cellular glutathione in monomethylarsonic acid-induced cytolethality.

Immunotoxic effects of short-term atrazine exposure in young male C57BL/6 mice.

Acute arsenic poisoning in two siblings.

Cyanamide-induced aplastic anemia.

The comparative toxicology of 4-chloro-2-methylphenoxyacetic acid and its plant metabolite 4-chloro-2-carboxyphenoxyacetic acid in rats.

Decreasing the oxidant stress from paraquat in isolated perfused rat lung using captopril and niacin.

Assessment of potential application of binary mixtures of 2,4-d with novel aminophosphonates.

[Correlation of plasma endothelin and multiple organ dysfunction syndrome caused by acute paraquat poisoning].

Use of comet and micronucleus assays to measure genotoxicity in meadow voles (*Microtus pennsylvanicus*) living in golf course ecosystems exposed to pesticides.

Response of growth, photosynthesis and photoinhibition of the edible cyanobacterium *Nostoc sphaeroides* colonies to thiobencarb herbicide.

A risk assessment of atrazine use in California: human health and ecological aspects.

Effects on weed and invertebrate abundance and diversity of herbicide management in genetically modified herbicide-tolerant winter-sown oilseed rape.

Inhaled nitric oxide improves the survival of the paraquat-injured rats.

The validation of a pesticide exposure algorithm using biological monitoring results.

Determination of biological reference values for chlorpyrifos metabolites in human urine using a toxicokinetic approach.

Drug-induced hypersensitivity syndrome due to cyanamide associated with multiple reactivation of human herpesviruses.

Poisoning due to urea herbicides.

Herbicides and nitrates in groundwater of Maryland and childhood cancers: a geographic information systems approach.

Atrazine degradation by encapsulated *Rhodococcus erythropolis* NI86/21.

Application of an artificial sea salt solution to determine acute toxicity of herbicides to *Proisotoma minuta* (Collembola).

Mother and fetus both survive from severe paraquat intoxication.

Arsenic-induced micronuclei formation in mammalian cells and its counteraction by tea.

Responses of molecular indicators of exposure in mesocosms: common carp (*Cyprinus carpio*) exposed to the herbicides alachlor and atrazine.

Effects of herbicide and insecticide interaction on soil entomofauna under maize crop.

Review of the genotoxicity of 4-chloro-2-methylphenoxyacetic acid.

Operator exposure when applying amenity herbicides by all-terrain vehicles and controlled droplet applicators.

Neuropathological studies on cycloate-induced neuronal cell death in the rat brain.

An alternative Ca²⁺-dependent mechanism of neuroprotection by the metalloporphyrin class of superoxide dismutase mimetics.

Down-regulation of the glial glutamate transporter GLT-1 in rat hippocampus and striatum and its modulation by a group III metabotropic glutamate receptor antagonist following transient global forebrain ischemia.

Comparison of broiler performance when fed diets containing corn grain with insect-protected (corn rootworm and European corn borer) and herbicide-tolerant (glyphosate) traits, control corn, or commercial reference corn.

Plasma retinoid profile in bullfrogs, *Rana catesbeiana*, in relation to agricultural intensity of sub-watersheds in the Yamaska River drainage basin, QuÃ©bec, Canada.

Glutathione and ascorbic acid enhance recovery of Guinea pig spinal cord white matter following ischemia and acrolein exposure.

Modeling and predicting stress-induced immunosuppression in mice using blood parameters.

Concentrations of polybrominated diphenyl ethers, polychlorinated biphenyls, and polychlorobiphenyls in serum from pregnant Faroese women and their children 7 years later.

Hemoglobin autoxidation and regulation of endogenous H₂O₂ levels in erythrocytes.

Multiple components of 2,4-dichlorophenoxyacetic acid uptake by rat choroid plexus.

DNA damage in leukocytes of workers occupationally exposed to arsenic in copper smelters.

Worker exposures to triclopyr: risk assessment through measurements in urine samples.

Determination of hydroxylated polychlorinated biphenyls (HO-PCBs) in blood plasma by high-performance liquid chromatography-electrospray ionization-tandem quadrupole mass spectrometry.

Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in mice following acute oral administration of arsenate.

Crystal structure of a novel shikimate dehydrogenase from *Haemophilus influenzae*.

Genotoxic and cytotoxic effects in the bone marrow of rats exposed to a low dose of paraquat via the dermal route.

Tissue distribution of arsenic species in rabbits after single and multiple parenteral administration of arsenic trioxide: tissue accumulation and the reversibility after washout are tissue-selective.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced change in intestinal function and pathology: evidence for the involvement of arylhydrocarbon receptor-mediated alteration of glucose transportation.

Arsenite delays progression through each cell cycle phase and induces apoptosis following G2/M arrest in U937 myeloid leukemia cells.

Heart malformation is an early response to TCDD in embryonic zebrafish.

Met5-enkephalin-induced cardioprotection occurs via transactivation of EGFR and activation of PI3K.

Changes in DNA binding pattern of transcription factor YY1 in neuronal degeneration.

Transduced Tat-SOD fusion protein protects against ischemic brain injury.

The effect of iron supplementation on the level of haemoglobin after lower limb arthroplasty.

Effects of N- and C-terminal truncation of HP (2-20) from *Helicobacter pylori* ribosomal protein L1 (RPL1) on its anti-microbial activity.

Paradoxical effects of green tea (*Camellia sinensis*) and antioxidant vitamins in diabetic rats: improved retinopathy and renal mitochondrial defects but deterioration of collagen matrix glycooxidation and cross-linking.

Tetraethylammonium exacerbates ischemic neuronal injury in rat cerebrocortical slice cultures.

Pesticide use and breast cancer risk among farmers' wives in the agricultural health study.

[Ferro-folgamma--a good alternative in the treatment of iron deficiency anemia and depleted iron stores in pregnant women].

Chemical-induced atrial thrombosis in NTP rodent studies.

Pediatric fatality following ingestion of dinitrophenol: postmortem identification of a "dietary supplement".

[Health risk related to municipal waste incineration].

Erythrocyte susceptibility to oxidative stress in chronic renal failure patients under different substitutive treatments.

Reduced coronary flow reserve in patients with congestive heart failure assessed by transthoracic Doppler echocardiography.

Protective effects of insulin during ischemia-reperfusion injury in hamster cheek pouch microcirculation.

Agricultural pesticide use and childhood cancer in California.

The epidemiology of non-Hodgkin lymphoma.

Toxicology and carcinogenesis studies of sodium chlorate (Cas No. 7775-09-9) in F344/N rats and B6C3F1 mice (drinking water studies).

Comparison of the efficacy of wheat-based snacks fortified with ferrous sulfate, electrolytic iron, or hydrogen-reduced elemental iron: randomized, double-blind, controlled trial in Thai women.

[Risk factors for pediatric malignant bone tumors].

A randomized, controlled trial comparing IV iron sucrose to oral iron in anemic patients with nondialysis-dependent CKD.

Effects of dietary zinc and iron supplementation on mineral excretion, body composition, and mineral status of nursery pigs.

High prevalence of the plasmid-mediated quinolone resistance determinant qnrA in multidrug-resistant Enterobacteriaceae from blood cultures in Liverpool, UK.

Free radical scavenging and antigenotoxic activities of natural phenolic compounds in dried flowers of *Hibiscus sabdariffa* L.

Serum soluble transferrin receptor is a valuable diagnostic tool in iron deficiency of breath-holding spells.

Effects of chemical ischemia in cerebral cortex slices. Focus on nitric oxide.

Pericapillary haem-rich deposits: evidence for microhaemorrhages in aging human cerebral cortex.

Hypothyroidism attenuates protein tyrosine nitration, oxidative stress and renal damage induced by ischemia and reperfusion: effect unrelated to antioxidant enzymes activities.

Determination of optimal conditions for studies of electrophoretic mobility of human erythrocytes loaded with cryoglobulins.

[Fractional utilization of reduced iron powder in Chinese child bearing age women with dual stable isotopes].

Darbepoetin alfa treatment for post-renal transplantation anemia during pregnancy.

Mild postnatal anemia: is it a problem?

Letter to the editor: treatment of iron deficiency anemia.

Hemolysis of human red blood cells by riboflavin-Cu(II) system: enhancement by azide.

The mitochondrial uncoupler 2,4-dinitrophenol attenuates tissue damage and improves mitochondrial homeostasis following transient focal cerebral ischemia.

Intravenous iron sucrose complex vs. oral ferrous sulfate for postpartum iron deficiency anemia.

Genomic damage and circulating AGE levels in patients undergoing daily versus standard haemodialysis.

Monitoring of hematological, inflammatory and oxidative reactions to acute oral iron exposure in human volunteers: preliminary screening for selection of potentially-responsive biomarkers.

Biomarkers of exposure, effect, and susceptibility of arsenic-induced health hazards in Taiwan.

Immortalized mouse mammary fibroblasts lacking dioxin receptor have impaired tumorigenicity in a subcutaneous mouse xenograft model.

Bone resorption by aryl hydrocarbon receptor-expressing osteoclasts is not disturbed by TCDD in short-term cultures.

Photosensitizing properties of 6-methoxy-2-naphthylacetic acid, the major metabolite of the phototoxic non-steroidal anti-inflammatory and analgesic drug nabumetone.

Increased dioxin-like compounds in the serum of women with peritoneal endometriosis and deep endometriotic (adenomyotic) nodules.

Glycation of mitochondrial proteins from diabetic rat kidney is associated with excess superoxide formation.

Induction of p53 by urokinase in lung epithelial cells.

Loss of mitochondrial membrane potential and caspase activation enhance apoptosis in irradiated K562 cells treated with herbimycin A.

Effect of anti-Helicobacter pylori therapy on outcome of iron-deficiency anemia: a randomized, controlled study.

E. coli proteolytic activity in milk and casein breakdown.

The bradycardic and hypotensive responses to serotonin are reduced by activation of GABAA receptors in the nucleus tractus solitarius of awake rats.

Serum dioxin concentrations and age at menopause.

Carbon-11 labeled sigma2 receptor ligands for imaging breast cancer.

Carbamylated low-density lipoprotein induces death of endothelial cells: a link to atherosclerosis in patients with kidney disease.

Direct effect of plasma permeability factors from patients with idiopathic FSGS on nephrin and podocin expression in human podocytes.

Congenital diaphragmatic hernia, tracheal occlusion, thyroid transcription factor-1, and fetal pulmonary epithelial maturation.

[Efficacy of complex Hongyibuxue oral solution and ferrous sulfate for iron deficiency anemia].

The heat shock protein 90 inhibitor, 17-allylamino-17-demethoxygeldanamycin, enhances osteoclast formation and potentiates bone metastasis of a human breast cancer cell line.

Pseudolaminar necrosis in cyanide intoxication: a neuropathology case report.

Common viral infection affects pentabrominated diphenyl ether (PBDE) distribution and metabolic and hormonal activities in mice.

Follow-up survey of dioxin concentrations in the blood of Yusho patients in 2002-2003.

[Congener specific determination of PCBs in human blood using gel permeation chromatography (GPC) and high resolution gas chromatography/high resolution mass spectrometry (HRGC/HRMS)].

[Improvements in the method of dioxin isolation from blood of Yusho patients].

[Skin symptoms in Yusho patients related to blood dioxin level].

Pressor and tachycardic responses evoked by microinjections of L-glutamate into the medial prefrontal cortex of unanaesthetized rats.

Role of autoimmune gastritis, Helicobacter pylori and celiac disease in refractory or unexplained iron deficiency anemia.

Gliomas and farm pesticide exposure in women: the Upper Midwest Health Study.

Organic anion transporter (Slc22a) family members as mediators of toxicity.

Chronic toxicity and carcinogenicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin displays a distinct dose/time toxicity threshold ($c \times t = k$) and a life-prolonging subthreshold effect.

Detection of volatile compounds emitted by Pseudomonas aeruginosa using selected ion flow tube mass spectrometry.

Use of hemoglobin raffimer for postoperative life-threatening anemia in a Jehovah's Witness.

Rubidium-87 magnetic resonance spectroscopy and imaging for analysis of mammalian K⁺ transport.

[Possibility of targeting FLT3 kinase for the treatment of leukemia].

Chronic toxicological evaluation of dietary NovaSil clay in Sprague-Dawley rats.

Is oxidative stress the mechanism of blue sac disease in retene-exposed trout larvae?

Dioxin toxicity and chloracne in the Ukraine.

Prospective protective role of melatonin against arsenic-induced metabolic toxicity in Wistar rats.

A truncated haemoglobin implicated in oxygen metabolism by the microaerophilic food-borne pathogen Campylobacter jejuni.

How does human stem cell therapy influence gene expression after liver injury? Microarray evaluation on a rat model.

Covalently grafted phospholipid monolayer on silicone catheter surface for reduction in platelet adhesion.

Maternal-fetal distribution and transfer of dioxins in pregnant women in Japan, and attempts to reduce maternal transfer with Chlorella (*Chlorella pyrenoidosa*) supplements.

Non-specific effects of 4-chloro-m-cresol may cause calcium flux and respiratory burst in human neutrophils.

Neurobehavioural evaluation and kinetics of inhalation of constant or fluctuating toluene concentrations in human volunteers.

Iron supplements reduce erythrocyte copper-zinc superoxide dismutase activity in term, breastfed infants.

The blood-brain barrier transmigration of single domain antibody: mechanisms of transport and antigenic epitopes in human brain endothelial cells.

In utero exposure to dioxins and polychlorinated biphenyls and its relations to thyroid function and growth hormone in newborns.

Dose-dependent liver regeneration in chloroform, trichloroethylene and allyl alcohol ternary mixture hepatotoxicity in rats.

Endogenous vascular hydrogen peroxide regulates arteriolar tension in vivo.

Tissue dosimetry, metabolism and excretion of pentavalent and trivalent monomethylated arsenic in mice after oral administration.

Changes in erythrocyte enzymes in humans long-term exposed to pesticides: influence of several markers of individual susceptibility.

Distribution of PCDDs/PCDFs and Co-PCBs in human maternal blood, cord blood, placenta, milk, and adipose tissue: dioxins showing high toxic equivalency factor accumulate in the placenta.

Inorganic arsenite potentiates vasoconstriction through calcium sensitization in vascular smooth muscle.

Assessment of reference values for polychlorinated biphenyl concentration in human blood.

Effects of AV3V lesion on pilocarpine-induced pressor response and salivary gland vasodilation.

Fate of endocrine-disruptor, pharmaceutical, and personal care product chemicals during simulated drinking water treatment processes.

Amelogenin stimulates bone sialoprotein (BSP) expression through fibroblast growth factor 2 response element and transforming growth factor-beta1 activation element in the promoter of the BSP gene.

Ability of 13 chemical agents used in dental practice to induce sister-chromatid exchanges in Syrian hamster embryo cells.

Effects of iron supplementation on binding activity of iron regulatory proteins and the subsequent effect on growth performance and indices of hematological and mineral status of young pigs.

Regulation of mouse organic anion-transporting polypeptides (Oatps) in liver by prototypical microsomal enzyme inducers that activate distinct transcription factor pathways.

The dioxin-like PCB 77 but not the ortho-substituted PCB 153 interferes with chicken embryo thyroid hormone homeostasis and delays hatching.

Human CD34-positive hematopoietic stem cells constitute targets for carcinogenic polycyclic aromatic hydrocarbons.

The development of a physiologically-based pharmacokinetic model using the distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the tissues of the eastern oyster (*Crassostrea virginica*).

Ouabain induces an increase of retinal ganglion cell survival in vitro: the involvement of protein kinase C.

Human cordonal stem cell intraperitoneal injection can represent a rescue therapy after an acute hepatic damage in immunocompetent rats.

Improvement of mortality rate and decrease in histologic hepatic injury after human cord blood stem cell infusion in a murine model of hepatotoxicity.

Plasma protein level changes in waste incineration workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Comparison of the concentrations of polychlorinated dibenzo-p-dioxins, dibenzofurans, and dioxin-like polychlorinated biphenyls in maternal and fetal blood, amniotic and allantoic fluids in cattle.

Role of adenosine A1 and A3 receptors in regulation of cardiomyocyte homeostasis after mitochondrial respiratory chain injury.

Pesticide residues on the external surfaces of field crop sprayers: occupational exposure.

Possible repair action of Vitamin C on DNA damage induced by methyl methanesulfonate, cyclophosphamide, FeSO₄ and CuSO₄ in mouse blood cells in vivo.

Neurobehavioural investigations in adolescents exposed to environmental pollutants.

Cardiovascular gene expression profiles of dioxin exposure in zebrafish embryos.

Adenosine 5'-monophosphate-activated protein kinase and p38 mitogen-activated protein kinase participate in the stimulation of glucose uptake by dinitrophenol in adult cardiomyocytes.

Cytochrome P450 1A1 and 1B1 in human blood lymphocytes are not suitable as biomarkers of exposure to dioxin-like compounds: polymorphisms and interindividual variation in expression and inducibility.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced impairment of glucose-stimulated insulin secretion in isolated rat pancreatic islets.

Differential transfer of organic micropollutants through intestinal barrier using Caco-2 cell line.

Tetrachlorodibenzo-p-Dioxin (TCDD) Inhibits Differentiation and Increases Apoptotic Cell Death of Precursor T-Cells in the Fetal Mouse Thymus.

[Evaluation of the iron bioavailability from meals prepared with lentil (*Lens esculenta*) or with white kidney bean seeds (*Phaseolus vulgaris*) in anemic rats].

[Differentiation of bone marrow derived Thy-1+ beta2M- cells into liver cells in AA induced liver injury micro-environment].

Platelet-activating factor increases VE-cadherin tyrosine phosphorylation in mouse endothelial cells and its association with the PtdIns3'-kinase.

Platelets can neutralize hydrogen peroxide in an acute toxicity model with cells involved in granulation tissue formation.

3D molecular modeling, free radical modulating and immune cells signaling activities of the novel peptidomimetic L-glutamyl-histamine: possible immunostimulating role.

C-reactive protein does not relax vascular smooth muscle: effects mediated by sodium azide in commercially available preparations.

Dioxins and furans determination in postmortem blood by gas chromatography--high-resolution mass spectrometry.

Transient activation of Ras-dependent signalling at the early stages of Herbimycin A induced erythroid differentiation of human K562 cells.

Inorganic arsenite alters macrophage generation from human peripheral blood monocytes.

Biomonitoring of persistent organochlorine pesticides, PCDD/PCDFs and dioxin-like PCBs in blood of children from South West Germany (Baden-Wuerttemberg) from 1993 to 2003.

Carrier mediated transport of chlorpheniramine and chlorcyclizine across bovine olfactory mucosa: implications on nose-to-brain transport.

Inhibition of cyclooxygenase activity, platelet aggregation and thromboxane B2 production by two environmental toxicants: m- and o-cresol.

Activation of ferret erythrocyte Na⁺-K⁺-2Cl⁻ cotransport by deoxygenation.

Phase I study of MetXia-P450 gene therapy and oral cyclophosphamide for patients with advanced breast cancer or melanoma.

MRP-1 expression levels determine strain-specific susceptibility to sodium arsenic-induced renal injury between C57BL/6 and BALB/c mice.

[Differentiation of rat bone marrow derived Thy-1+ beta2M- cells into hepatocytes].

Polychlorinated dibenzo-p-dioxin and dibenzofuran concentrations in serum samples of workers at an infectious waste incineration plant in Japan.

Heme oxygenase expression in cultured human trophoblast cells during in vitro differentiation: effects of hypoxia.

Hemodynamic and respiratory responses to microinjection of ATP into the intermediate and caudal NTS of awake rats.

Concentrations of polybrominated diphenyl ethers, polychlorinated dibenzo-p-dioxins and dibenzofurans, and polychlorinated biphenyls in human blood samples from Korea.

Overview of clinical trials in the treatment of iron deficiency with iron-acetyl-aspartylated casein.

Chronic exposure to arsenic sensitizes CD3+ and CD56+ human cells to sodium arsenite-mediated apoptosis.

Effects of N-acetylcysteine, quercetin, and phytic acid on spontaneous hepatic and renal lesions in LEC rats.

Cytotoxicity and mutagenicity study of waste and purified water samples from electroplating industries prepared by use of ferrous sulfate and wood fly ash.

Microbial metabolism of 2-chlorophenol, phenol and rho-cresol by *Rhodococcus erythropolis* M1 in co-culture with *Pseudomonas fluorescens* P1.

Differential effects of transforming growth factor-beta on the synthesis of connective tissue growth factor and vascular endothelial growth factor by peritoneal mesothelial cell.

Sodium iron EDTA [NaFe(III)EDTA] as a food fortificant: erythrocyte incorporation of iron and apparent absorption of zinc, copper, calcium, and magnesium from a complementary food based on wheat and soy in healthy infants.

Identification of potential biomarkers of genotoxicity and carcinogenicity in L5178Y mouse lymphoma cells by cDNA microarray analysis.

Concentrations of dioxins and related compounds in the blood of Fukuoka residents.

Evidence of hemoglobin binding to arsenic as a basis for the accumulation of arsenic in rat blood.

Field and semifield evaluation of impacts of transgenic canola pollen on survival and development of worker honey bees.

Serum luteinizing hormone response to administration of gonadotropin-releasing hormone to atrazine-treated gilts.

Toxicity of dipyriddy compounds and related compounds.

Insulin sensitivity following agent orange exposure in Vietnam veterans with high blood levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Chlorpropham-induced splenotoxicity and its recovery in rats.

Nutritional assessment and fate of DNA of soybean meal from roundup ready or conventional soybeans using rats.

Chymase is activated in the pulmonary inflammation and fibrosis induced by paraquat in hamsters.

Mortality and cancer incidence among alachlor manufacturing workers 1968-99.

Metallothionein (I/II) suppresses genotoxicity caused by dimethylarsinic acid.

Assessment of the ability of Imazaquin herbicide to induce chromosomal aberrations in vitro in cultured Chinese hamster ovary cells and micronuclei in vivo in mice.

Results of a 13 week safety assurance study with rats fed grain from glyphosate tolerant corn.

[The study of the effects of dichlorophenoxyacetic acid derivatives on the blood systems].

Acute upper-airway obstruction in a two-year-old child who ingested an herbicide preparation.

NTP toxicology and carcinogenesis studies of trans-cinnamaldehyde (CAS No. 14371-10-9) in F344/N rats and B6C3F1 mice (feed studies).

Multiple medical problems following agent orange exposure.

Glyphosate poisoning.

Poisoning due to chlorophenoxy herbicides.

External Qi therapy to treat symptoms of Agent Orange Sequelae in Korean combat veterans of the Vietnam War.

Developmental arrest in Japanese medaka (*Oryzias latipes*) embryos exposed to sublethal concentrations of atrazine and arsenic trioxide.

2,4,5-T and 2,4,5-TCP induce oxidative damage in human erythrocytes: the role of glutathione.

Genotoxicity evaluation of pesticide formulations containing alachlor and atrazine in multiple mouse tissues (blood, kidney, liver, bone marrow, spleen) by comet assay.

[Poisoning caused by chemicals for plant protection in Poland in 2002].

The involvement of p53 in paraquat-induced apoptosis in human lung epithelial-like cells.

Mixture of paraquat and linuron formulations examined for genotoxicity in Wistar rats by the in vivo micronucleus test--evaluation by different statistical tests.

A comparative study of the allergenic potency of wild-type and glyphosate-tolerant gene-modified soybean cultivars.

Effects of environmental concentrations of atrazine on hemocyte density and phagocytic activity in the pond snail *Lymnaea stagnalis* (Gastropoda, Pulmonata).

Anandamide-evoked activation of vanilloid receptor 1 contributes to the development of bladder hyperreflexia and nociceptive transmission to spinal dorsal horn neurons in cystitis.

The cytotoxic activity of lactoperoxidase: enhancement and inhibition by neuroactive compounds.

Possible mechanism for medial smooth muscle cell injury in diabetic nephropathy: glycooxidation-mediated local complement activation.

High levels of catalase and glutathione peroxidase activity dampen H₂O₂ signaling in human alveolar macrophages.

Multiple deficiencies in antioxidant enzymes in mice result in a compound increase in sensitivity to oxidative stress.

Decreasing glutamate buffering capacity triggers oxidative stress and neuropil degeneration in the *Drosophila* brain.

Cancer incidence among pesticide applicators exposed to alachlor in the Agricultural Health Study.

Acetaldehyde accumulation suppresses Kupffer cell release of TNF-Alpha and modifies acute hepatic inflammation in rats.

Arsenic speciation in urine from acute promyelocytic leukemia patients undergoing arsenic trioxide treatment.

Metabolism of metamitron in goat following a single oral administration of a nontoxic dose level: a continued study.

Impact of ethanol and acetaldehyde on DNA and cell viability of cultured neurones.

Evaluation of haemoglobin (erythrogen): for improved somatic embryogenesis and plant regeneration in cotton (*Gossypium hirsutum* L. cv. SVPR 2).

Role of mitochondrial aldehyde dehydrogenase in nitroglycerin-induced vasodilation of coronary and systemic vessels: an intact canine model.

Monitoring of urinary acrolein concentration in patients receiving cyclophosphamide and ifosphamide.

Hemoglobin promotes somatic embryogenesis in peanut cultures.

Protein sequence analysis, cloning, and expression of flammutoxin, a pore-forming cytolysin from *Flammulina velutipes*. Maturation of dimeric precursor to monomeric active form by carboxyl-terminal truncation.

Biosynthesis of FVIII in megakaryocytic cells: improved production and biochemical characterization.

Brown spots in the bowel.

Chronic beta-adrenoreceptor activation increases cardiac cavity size through chamber remodeling and not via modifications in myocardial material properties.

[Treatment of disorders of iron metabolism].

Iron amino acid chelates.

Effects of separate delivery of zinc or zinc and vitamin A on hemoglobin response, growth, and diarrhea in young Peruvian children receiving iron therapy for anemia.

Oral ferrous sulphate leads to a marked increase in pro-oxidant nontransferrin-bound iron.

Review of clinical and toxicological features of acute pesticide poisonings in Crete (Greece) during the period 1991-2001.

Comparative analysis of *Clostridium difficile* clinical isolates belonging to different genetic lineages and time periods.

ARNT2 is not required for TCDD developmental toxicity in zebrafish.

Trypanosoma brucei: unexpected azide sensitivity of bloodstream forms.

Feasibility of "directly observed home-based twice-daily iron therapy" (DOHBIT) for management of anemia in rural patients: a pilot study.

The effects of short-term iron supplementation on iron status in infants in malaria-endemic areas.

A randomized comparison of two anemia treatment regimens in Tanzanian children.

Efficacy of daily vs. weekly supplementation of iron in schoolchildren with low iron status.

Ex vivo evaluation of erythrocytosis-enhanced platelet thrombus formation using the cone and plate(let) analyzer: effect of platelet antagonists.

Iron absorption by heterozygous carriers of the HFE C282Y mutation associated with hemochromatosis.

Women and omega-3 Fatty acids.

The expression of P-glycoprotein in AML cells with FLT3 internal tandem duplications is associated with reduced apoptosis in response to FLT3 inhibitors.

Systemic-to-pulmonary collaterals: a source of flow energy loss in Fontan physiology.

Pilot study to reduce dioxins in the human body.

Dietary intervention with iron and black tea infusion in reducing cytotoxicity of arsenic.

Response of soluble transferrin receptor and iron-related parameters to iron supplementation in elite, iron-depleted, nonanemic female athletes.

CYP40, but not Hsp70, in rabbit reticulocyte lysate causes the aryl hydrocarbon receptor-DNA complex formation.

Antibiotic activity and synergistic effect of antimicrobial peptide against pathogens from a patient with gallstones.

[Toxic effect of arsenite on the expression of liver multidrug resistance-associated protein 2 in rat].

The modulation of radiation-induced cell death by genistein in K562 cells: activation of thymidine kinase 1.

Daily iron supplementation versus intermittent dose.

Removal of the protein-bound solute p-cresol by convective transport: a randomized crossover study.

Neuromuscular electric stimulation enhances endothelial vascular control and hemodynamic function in paretic upper extremities of patients with stroke.

Associations between organochlorine contaminant concentrations and clinical health parameters in loggerhead sea turtles from North Carolina, USA.

P-cresol, a uremic retention solute, alters the endothelial barrier function in vitro.

Helicobacter pylori infection, iron absorption, and gastric acid secretion in Bangladeshi children.

Antioxidant capacity of cultured mammalian cells estimated by ESR method.

SUR2A C-terminal fragments reduce KATP currents and ischaemic tolerance of rat cardiac myocytes.

Branch retinal artery occlusion: a complication of iron-deficiency anemia in a young adult with a rectal carcinoid.

Warm or cold ischemia in animal models of lung ischemia-reperfusion injury: is there a difference?

Ferrous sulfate does not affect mycophenolic acid pharmacokinetics in kidney transplant patients.

Independent actions on cyclin-dependent kinases and aryl hydrocarbon receptor mediate the antiproliferative effects of indirubins.

Minocycline up-regulates Bcl-2 and protects against cell death in mitochondria.

The dioxin-like pollutant PCB 126 (3,3',4,4',5-pentachlorobiphenyl) affects risk factors for cardiovascular disease in female rats.

[The effectiveness of three regimens using ferrous sulfate to treat anemia in pregnant women].

NTP toxicology and carcinogenesis studies of triethanolamine (Cas No. 102-71-6) in B6C3F1 mice (dermal studies).

Protective effect of N-acetylcysteine against arsenic-induced depletion in vivo of carbohydrate.

Hypothermia and localized cold injuries.

Ischemia/reperfusion induces the recruitment of leukocytes from whole blood under flow conditions.

Protective effect of methionine supplementation on arsenic-induced alteration of glucose homeostasis.

Synergistic effect of cigarette smoke and saliva on lymphocytes--the mediatory role of volatile aldehydes and redox active iron and the possible implications for oral cancer.

Nitric oxide donor increases osteoprotegerin production and osteoclastogenesis inhibitory activity in bone marrow stromal cells from ovariectomized rats.

Transient mitochondrial permeability transition pore opening mediates preconditioning-induced protection.

Limited effect of selected organic pollutants on cytokine production by peripheral blood leukocytes.

Agricultural pesticide use, familial cancer, and risk of non-Hodgkin lymphoma.

How environmental hazards in childhood have been discovered: carcinogens, teratogens, neurotoxicants, and others.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits regression of the common cardinal vein in developing zebrafish.

Association of liver hemangiosarcoma and secondary iron overload in B6C3F1 mice--the National Toxicology Program experience.

Simultaneous exposure of rats to dioxin and carbon monoxide reduces the xenobiotic but not the hypoxic response.

Cytochrome P-450 family 1 in rat embryo cell culture immortalized by Rausher leukemia virus.

Assessment of human health risk of dioxin in Korea.

Histological and lipid peroxidation changes after administration of 2-acetylaminofluorene in a rat liver injury model following selective periportal and pericentral damage.

Rat models of dementia based on reductions in regional glucose metabolism, cerebral blood flow and cytochrome oxidase activity.

In vitro DNA damage by arsenic compounds in a human lymphoblastoid cell line (TK6) assessed by the alkaline Comet assay.

Mechanisms of ischemic brain injury.

Geldanamycin and herbimycin A induce apoptotic killing of B chronic lymphocytic leukemia cells and augment the cells' sensitivity to cytotoxic drugs.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on fatty acid availability and neural tube formation in cynomolgus macaque, *Macaca fascicularis*.

Mitochondrial coupling in vivo in mouse skeletal muscle.

Comparison of the hemolytic activity of isopropoxyethanol and phenoxyethanol.

Treatment of iron deficiency anemia with Ferro-Folgamma.

Antibodies against the CB10 fragment of type II collagen in rheumatoid arthritis.

[Ferro-Folgamma--a drug for treatment and prophylaxis of iron deficiency anemia in pregnant women].

[Ferro-Folgamma--a drug for treatment and prophylaxis of iron deficiency anemia in pregnant women].

Coronary artery bypass grafting in a dialysis-dependent Jehovah's Witness.

Combined devascularization and proximal splenorenal shunt: is this a better option than either procedure alone?

Development of protamine hollow-fiber device for extracorporeal heparin removal.

Treatment of anaemia after joint replacement. A double-blind, randomised, controlled trial of ferrous sulphate versus placebo.

Metallic taste and retronasal smell.

Characterization of two lipoproteins in *Pasteurella multocida*.

Effect of epidermal growth factor on pulmonary hypoplasia in experimental diaphragmatic hernia.

Regulation by sulfanylurea receptor type 1 of a non-selective cation channel involved in cytotoxic edema of reactive astrocytes.

Role of aryl hydrocarbon receptor in mesencephalic circulation failure and apoptosis in zebrafish embryos exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Rodenticide-humic acid adsorption mechanisms and role of humic acid on their toxicity on human keratinocytes: chromatographic approach to support the biological data.

Characteristics of 3,5,3'-triiodothyronine (T3)-uptake system of tadpole red blood cells: effect of endocrine-disrupting chemicals on cellular T3 response.

Human bronchial smooth muscle cell proliferation via thromboxane A2 receptor.

Impact of FEBRA (fermented brown rice with *Aspergillus oryzae*) intake and concentrations of PCDDs, PCDFs and PCBs in blood of humans from Japan.

Amino acid sequence of a thrombin like enzyme, elegaxobin II, from the venom of *Trimeresurus elegans* (Sakishima-Habu).

Gestational exposure of Ahr and Arnt hypomorphs to dioxin rescues vascular development.

Potential roles of the aryl hydrocarbon receptor in female reproductive senescence.

Strain-specific of alachlor on murine olfactory mucosal responses.

Effects of dietary iron supplementation on growth performance, hematological status, and whole-body mineral concentrations of nursery pigs.

BRCA1 induces antioxidant gene expression and resistance to oxidative stress.

Menadione reduces rotenone-induced cell death in cerebellar granule neurons.

Anticlastogenic effects of *Hibiscus sabdariffa* fruits against sodium arsenite-induced micronuclei formation in erythrocytes in mouse bone marrow.

The use of potassium dichromate and ethyl alcohol as blood preservatives for analysis of organochlorine contaminants.

Hydroxylated and methyl sulfone PCB metabolites in adipose and whole blood of polar bear (*Ursus maritimus*) from East Greenland.

A human umbilical cord stem cell rescue therapy in a murine model of toxic liver injury.

Analysis of HO-PCBs and PCP in blood plasma from individuals with high PCB exposure living on the Chukotka Peninsula in the Russian Arctic.

2,3,7,8-Tetrachlorodibenzo-p-dioxin activation of the aryl hydrocarbon receptor/aryl hydrocarbon receptor nuclear translocator pathway causes developmental toxicity through a CYP1A-independent mechanism in zebrafish.

The sphingomyelin/ceramide pathway is involved in ERK1/2 phosphorylation, cell proliferation, and uPAR overexpression induced by tissue-type plasminogen activator.

Src kinase mediates angiotensin II-dependent increase in pulmonary endothelial nitric oxide synthase.

Identification of the growth hormone-releasing peptide binding site in CD36: a photoaffinity cross-linking study.

Validation of the CALUX bioassay for PCDD/F analyses in human blood plasma and comparison with GC-HRMS.

Avian exocrine secretions. I. Chemical characterization of the volatile fraction of the uropygial secretion of the green woodhoopoe, *Phoeniculus purpureus*.

Effect of uncouplers on endogenous respiration and ferrous iron oxidation in a chemolithoautotrophic bacterium *Acidithiobacillus* (*Thiobacillus*) *ferrooxidans*.

Exponential modeling, washout curve reconstruction, and estimation of half-life of toluene and its metabolites.

Sequential morphological changes of erythrocyte apoptosis in *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Signaling mechanisms mediated by G-protein coupled receptors in human platelets.

Phenylthiourea as a weak activator of aryl hydrocarbon receptor inhibiting 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced CYP1A1 transcription in zebrafish embryo.

Helper T cell subpopulations from women are more susceptible to the toxic effect of sodium arsenite in vitro.

Spatiotemporal evidence of apoptosis-mediated ischemic injury in organotypic hippocampal slice cultures.

Blood-brain barrier permeability of novel [D-arg²]dermorphin (1-4) analogs: transport property is related to the slow onset of antinociceptive activity in the central nervous system.

Fluorescence spectroscopic detection of mitochondrial flavoprotein redox oscillations and transient reduction of the NADPH oxidase-associated flavoprotein in leukocytes.

Involvement of thromboxane A₂ and tyrosine kinase in the synergistic interaction of platelet activating factor and calcium ionophore A23187 in human platelet aggregation.

Potassium channel openers are uncoupling protonophores: implication in cardioprotection.

Catalase binds Grb2 in tumor cells when stimulated with serum or ligands for integrin receptors.

Presence and functional activity of the aryl hydrocarbon receptor in isolated murine cerebral vascular endothelial cells and astrocytes.

Platelet-derived growth factor-induced arachidonic acid release for enhancement of prostaglandin E(2) synthesis in human gingival fibroblasts pretreated with interleukin-1beta.

Ectopic cyclin D1 expression blocks STI571-induced erythroid differentiation of K562 cells.

Transient increase in micronucleus frequency and DNA effects in the comet assay in two patients after intoxication with 2,3,7,8-tetrachlorodibenzo- p-dioxin.

[Degradation of 2,4-dinitrophenol by free and immobilized cells of *Rhodococcus erythropolis* HL PM-1].

The transepithelial voltage of the isolated anterior stomach of mosquito larvae (*Aedes aegypti*): pharmacological characterization of the serotonin-stimulated cells.

Sertoli cell junctional proteins as early targets for different classes of reproductive toxicants.

Influence of neopterin on generation of reactive species by myeloperoxidase in human neutrophils.

Developmental exposure to the potent aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin Impairs the cell-mediated immune response to infection with influenza a virus, but enhances elements of innate immunity.

Enhancing effect of the endocrine disruptor para-nonylphenol on the generation of reactive oxygen species in human blood neutrophils.

Glutathione-S-transferase A4-4 modulates oxidative stress in endothelium: possible role in human atherosclerosis.

Optimization of a method for determining dioxin in whole blood samples based on solvent extraction and simplified cleanup.

PCDD/Fs levels in indoor environments and blood of workers of three municipal waste incinerators in Taiwan.

CYP1A2 is not required for 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immunosuppression.

Quantitative analysis of cresol and its metabolites in biological materials and distribution in rats after oral administration.

Effects of sodium chlorate on toxin production by *Escherichia coli* O157:H7.

Inactivation of ERK accelerates erythroid differentiation of K562 cells induced by herbimycin A and STI571 while activation of MEK1 interferes with it.

Perinatal dioxin exposure and later effects--a review.

Blood saving protocol in elective total knee arthroplasty.

Determination of phenol and o-cresol by GC/MS in a fatal poisoning case.

Nitric oxide and platelet energy metabolism.

Damage to erythrocytes caused by 2,3,7,8-tetrachloro-dibenzo-p-dioxin (in vitro).

Vascular permeability alterations induced by arsenic.

[Relationships between dioxin concentrations in deposited dust and those in serum of workers at municipal waste incineration plants].

The olivacine derivative s 16020 (9-hydroxy-5,6-dimethyl-N-[2-(dimethylamino)ethyl]-6H-pyrido(4,3-B)-carbazole-1-carboxamide) induces CYP1A and its own metabolism in human hepatocytes in primary culture.

Menstrual effluent induces epithelial-mesenchymal transitions in mesothelial cells.

Characteristics and a functional implication of Ca(2+)-activated K(+) current in mouse aortic endothelial cells.

An assessment of the genotoxicity and human health risk of topical use of kojic acid [5-hydroxy-2-(hydroxymethyl)-4H-pyran-4-one].

Pyrazolo pyrimidine-type inhibitors of SRC family tyrosine kinases promote ovarian steroid-induced differentiation of human endometrial stromal cells in vitro.

Induction of murine NAD(P)H:quinone oxidoreductase by 2,3,7,8-tetrachlorodibenzo-p-dioxin requires the CNC (cap 'n' collar) basic leucine zipper transcription factor Nrf2 (nuclear factor erythroid 2-related factor 2): cross-interaction between AhR (aryl hydrocarbon receptor) and Nrf2 signal transduction.

Loss of pre-B and IgM(+) B cells in the bone marrow after exposure to a mixture of herbicides.

Developmental atrazine exposure suppresses immune function in male, but not female Sprague-Dawley rats.

Dioxin, dibenzofuran, and coplanar PCB levels in Laotian blood and milk from agent orange-sprayed and nonsprayed areas, 2001.

Severity assessment in acute paraquat poisoning by analysis of APACHE II score.

Comparative effects of cadmium, copper, paraquat and benzo[a]pyrene on the actin cytoskeleton and production of reactive oxygen species (ROS) in mussel haemocytes.

Direct oxidant damage to red cells associated with propanil ingestion.

Toxic nephropathy: environmental chemicals.

Fatal overdose of the herbicide bentazone.

Effects of 2,4-D and its metabolite 2,4-dichlorophenol on antioxidant enzymes and level of glutathione in human erythrocytes.

Food as a source of dioxin exposure in the residents of Bien Hoa City, Vietnam.

The herbicide metolachlor induces liver cytochrome P450s 2B1/2 and 3A1/2, but not thyroxine-uridine dinucleotide phosphate glucuronosyltransferase and associated thyroid gland activity.

Immunotoxicological effects of Agent Orange exposure to the Vietnam War Korean veterans.

Impact of Agent Orange exposure among Korean Vietnam veterans.

An oxygen-bonded c8-deoxyguanosine nucleoside adduct of pentachlorophenol by peroxidase activation: evidence for ambident c8 reactivity by phenoxy radicals.

Current applications of plasmapheresis in clinical toxicology.

Immune alterations in mice exposed to the herbicide simazine.

Sister chromatid exchanges and micronuclei analysis in lymphocytes of men exposed to simazine through drinking water.

Determination of the immunotoxic potential of pesticides on functional activity of sheep leukocytes in vitro.

Health effects on nearby residents of a wood treatment plant.

Consecutive administration of paraquat to rats induces enhanced cholesterol peroxidation and lung injury.

Allyl alcohol activation of protein kinase C delta leads to cytotoxicity of rat hepatocytes.

Pesticide use among farmers in the Amazon basin of Ecuador.

Determination of the herbicide glyphosate and its metabolite in biological specimens by gas chromatography-mass spectrometry. A case of poisoning by roundup herbicide.

Cancer and developmental exposure to endocrine disruptors.

Effects of L-dopa and other amino acids against paraquat-induced nigrostriatal degeneration.

Influence of malathion pretreatment on the toxicity of anilofos in male rats: a biochemical interaction study.

Fatal acute poisoning by bentazon.

Effect of haemoperfusion on plasma paraquat concentration in vitro and in vivo.

Thirty-five cases of S-carboxymethylcysteine use in paraquat poisoning.

Link found between Agent Orange and chronic lymphocytic leukaemia.

Pentachlorophenol poisoning.

Focal transmural necrotic tracheitis in commercial meat turkeys.

The hemolytic and physiological activities of mixtures of some phenoxy and organophosphorous herbicides.

Damage to the erythrocyte membrane caused by chlorophenoxyacetic herbicides.

Evaluation of genotoxicity of PCP and 2,4-D by micronucleus test in freshwater fish *Channa punctatus*.

Ischemic insult exacerbates acrolein-induced conduction loss and axonal membrane disruption in guinea pig spinal cord white matter.

Preferential megalin-mediated transcytosis of low-hormonogenic thyroglobulin: a control mechanism for thyroid hormone release.

Myocardial perfusion imaging versus biochemical markers in acute coronary syndromes.

Alpha-tocopherol content and alpha-tocopherol transfer protein expression in leukocytes of children with acute leukemia.

Prevalence of multiple antibiotic resistance in 443 *Campylobacter* spp. isolated from humans and animals.

Active arsenic species produced by GSH-dependent reduction of dimethylarsinic acid cause micronuclei formation in peripheral reticulocytes of mice.

Paraquat induces long-lasting dopamine overflow through the excitotoxic pathway in the striatum of freely moving rats.

Immunomodulation of human natural killer cell cytotoxic function by triazine and carbamate pesticides.

Clotrimazole, ketoconazole, and clodinafop-propargyl as potent growth inhibitors of equine *Babesia* parasites during in vitro culture.

In vitro activity of dimethylarsinic acid against human leukemia and multiple myeloma cell lines.

Endothelium dysfunction in LDL receptor knockout mice: a role for H₂O₂.

Acrolein produced from polyamines as one of the uraemic toxins.

Increased urinary levels of pentosidine, pyrroline and acrolein adduct in type 2 diabetes.

Quantitative identification of atrazine and its chlorinated metabolites in plasma.

Current internal exposure to pesticides in children and adolescents in Germany: blood plasma levels of pentachlorophenol (PCP), lindane (gamma-HCH), and dichloro(diphenyl)ethylene (DDE), a biostable metabolite of dichloro(diphenyl)trichloroethane (DDT).

Toxicokinetics, recovery, and metabolism of metamitron in goat.

Cinnamaldehyde induces apoptosis by ROS-mediated mitochondrial permeability transition in human promyelocytic leukemia HL-60 cells.

Production of alkaloids by in vitro culture of *Erythrina americana* Miller.

Human prenatal and postnatal exposure to polybrominated diphenyl ethers, polychlorinated biphenyls, polychlorobiphenyls, and pentachlorophenol.

Evidence of cytochrome P450-catalyzed cleavage of the ether bond of phenoxybutyrate herbicides in *Rhodococcus erythropolis* K2-3.

Study of atrazine effects on Pacific oyster, *Crassostrea gigas*, haemocytes.

Effects of the new herbicide fentrazamide on the glucose utilization in neurons and erythrocytes in vitro.

[Acute poisoning caused by intravenous arsenic].

Ascorbic acid reduces the frequency of iron induced micronuclei in bone marrow cells of mice.

Photodegradation pathways and the in vitro phototoxicity of pyrazinamide, a phototoxic antitubercular drug.

Cell-transforming activity of fourteen chemical agents used in dental practice in Syrian hamster embryo cells.

Brain mitochondrial aldehyde dehydrogenase: relation to acetaldehyde aversion in low-alcohol-drinking (UChA) and high-alcohol-drinking (UChB) rats.

Reticulocyte indices rapidly reflect an increase in iron availability for erythropoiesis.

Tolerogenic role of Kupffer cells in allergic reactions.

Mild hypothermia reduces expression of heat shock protein 60 in leukocytes from severely head-injured patients.

Cardiac hypertrophy in aryl hydrocarbon receptor null mice is correlated with elevated angiotensin II, endothelin-1, and mean arterial blood pressure.

Environmental exposure to polychlorinated biphenyls (PCBs) and breast cancer: a systematic review of the epidemiological evidence.

Non-Hodgkin's lymphoma, leukemia, and exposures in agriculture: results from the Italian multicenter case-control study.

Effects of mitochondrial inhibitors and uncouplers on hypoxic vasoconstriction in rabbit lungs.

[Eggs shells intake as a form of pica].

Opposing effects of low and high-dose clozapine on survival of transgenic amyotrophic lateral sclerosis mice.

Dioxin/polychlorinated biphenyl body burden, diabetes and endometriosis: findings in a population-based study in Belgium.

Experience of the small size (25 mm) Sorin Bicarbon bileaflet prosthetic valve in patients with small mitral annuli.

Effect of endodontic agents on cytotoxicity induction by sodium fluoride.

A comparative study between intramuscular iron dextran and oral ferrous sulphate in the treatment of iron deficiency anaemia in pregnancy.

Immunoglobulin E is not required for but enhances airway inflammation and hyperresponsiveness.

A double-masked, randomized control trial of iron supplementation in early infancy in healthy term breast-fed infants.

Measurement of pesticides and other toxicants in amniotic fluid as a potential biomarker of prenatal exposure: a validation study.

Aryl hydrocarbon receptor 2 mediates 2,3,7,8-tetrachlorodibenzo-p-dioxin developmental toxicity in zebrafish.

Oxygen regulation and limitation to cellular respiration in mouse skeletal muscle in vivo.

Systemic effects and skin injury after experimental dermal exposure to monochloroacetic acid.

Protein-bound uremic retention solutes.

FLT3 expressing leukemias are selectively sensitive to inhibitors of the molecular chaperone heat shock protein 90 through destabilization of signal transduction-associated kinases.

Natural product origins of Hsp90 inhibitors.

Iron supplementation during pregnancy, anemia, and birth weight: a randomized controlled trial.

Preconditioning of cortical neurons by oxygen-glucose deprivation: tolerance induction through abbreviated neurotoxic signaling.

Policies on screening female athletes for iron deficiency in NCAA division I-A institutions.

[The chimerism and GVT effects on murine mini-transplantation model].

Persistent hematologic and immunologic disturbances in 8-year-old Dutch children associated with perinatal dioxin exposure.

Medication-induced oesophageal disorders.

Association between blood lead concentrations and body iron status in children.

The effect of retinyl palmitate added to iron-fortified maize porridge on erythrocyte incorporation of iron in African children with vitamin A deficiency.

Evaluation of the potential impact of pharmacokinetic differences on tissue dosimetry in offspring during pregnancy and lactation.

The reliability of long-term storage of direct immunofluorescent staining slides at room temperature.

Uncoupling protein-2 prevents neuronal death and diminishes brain dysfunction after stroke and brain trauma.

MCSF expression is induced in healing myocardial infarcts and may regulate monocyte and endothelial cell phenotype.

Inhibition of NF-kappaB essentially contributes to arsenic-induced apoptosis.

Evaluation of iron bioavailability from bonito dark muscle using anemic rats.

Effect of acute exposure of sodium arsenite (Na_3AsO_3) on some haematological parameters of *Clarias batrachus* (common Indian cat fish) in vivo.

Effects of iron(II) salts and iron(III) complexes on trace element status in children with iron-deficiency anemia.

Comparison of response between food supplemented with powdered iron and iron in syrup form for iron deficiency anemia.

Efficacy and tolerability of low-dose iron supplements during pregnancy: a randomized controlled trial.

Effects of dietary habits and CYP1A1 polymorphisms on blood dioxin concentrations in Japanese men.

Polyglutamine protein aggregation and toxicity are linked to the cellular stress response.

Male reproductive hormones and thyroid function in pesticide applicators in the Red River Valley of Minnesota.

[The encapsulation of recombinant adenovirus containing HSP70 cDNA and its oral transfection effects in the rats].

Combating iodine and iron deficiencies through the double fortification of fish sauce, mixed fish sauce, and salt brine.

Markers of genetic susceptibility in human environmental hygiene and toxicology: the role of selected CYP, NAT and GST genes.

Antiallergic activity of ginseng and its ginsenosides.

Effect of twice weekly versus daily iron treatment in Turkish children with iron deficiency anemia.

Cardiac effects of hypocretin-1 in nucleus ambiguus.

Iron supplementation for unexplained fatigue in non-anaemic women: double blind randomised placebo controlled trial.

Protective effect of melatonin against mitochondrial injury induced by ischemia and reperfusion of rat liver.

Induction of cytochrome P450 1A is required for circulation failure and edema by 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish.

Heat shock protein (HSP72) and p38 MAPK involvement in sublethal hemorrhage (SLH)-induced tolerance.

Higher susceptibility of newborn than young rats to 3-methylphenol.

Health impacts of pesticide exposure in a cohort of outdoor workers.

Human RPE-monocyte co-culture induces chemokine gene expression through activation of MAPK and NIK cascade.

Methylated metabolites of arsenic trioxide are more potent than arsenic trioxide as apoptotic but not differentiation inducers in leukemia and lymphoma cells.

Do we need daily iron supplementation? Comments and controversies.

Preventive strategy to control iron deficiency anemia in children and adults.

Iron deficiency anemia: preventive strategies and controversies.

Evidence of oxidative stress in familial amyloidotic polyneuropathy type 1.

The induction of heat shock protein-72 attenuates cisplatin-induced acute renal failure in rats.

Functional alterations in CD11b(+)Gr-1(+) cells in mice injected with allogeneic tumor cells and treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Toxicokinetics of DL-glufosinate enantiomer in human BASTA poisoning.

Esophageal injury as a result of ingestion of iron tablets.

Studies on dialysate mixing in the Genius single-pass batch system for hemodialysis therapy.

Edaravone protects against ischemia/reperfusion-induced oxidative damage to mitochondria in rat liver.

Early changes in metabolism of leukemic cell lines upon induction of apoptosis by cytotoxic drugs.

Comparative effects of some local food condiments on sodium arsenite-induced clastogenicity.

[Effectiveness of weekly iron sulfate in the Family Health Program in Caruaru, Pernambuco State, Brazil].

A comparative study on the gastroduodenal tolerance of different antianaemic preparations.

Anemia: when is it iron deficiency?

Zinc protoporphyrin/heme as an indicator of iron status in NICU patients.

123I-Interleukin-2: biochemical characterization and in vivo use for imaging autoimmune diseases.

Toxicity of free p-cresol: a prospective and cross-sectional analysis.

Troglitazone-induced intracellular oxidative stress in rat hepatoma cells: a flow cytometric assessment.

Erythropoietin therapy in pre-dialysis patients with chronic renal failure: lack of need for parenteral iron.

Intentional poisoning of animals in southeastern Spain: a review of the veterinary toxicology service from Murcia, Spain.

Flow cytometric measurement of reactive oxygen species production by normal and thalassaemic red blood cells.

Ferric citrate is half as effective as ferrous sulfate in meeting the iron requirement of juvenile tilapia, *Oreochromis niloticus* x *O. aureus*.

Ring around the cardia: a watermelon stomach variant.

Dual fortification of salt with iodine and microencapsulated iron: a randomized, double-blind, controlled trial in Moroccan schoolchildren.

Iron deficiency anemia in infancy: long-lasting effects on auditory and visual system functioning.

Different effects of metabolic inhibitors and cyclosporin A on daunorubicin transport in leukemia cells from patients with AML.

Clinical nutrition: 8. The role of nutrition in the prevention of iron deficiency anemia in infants, children and adolescents.

Anemia in pregnancy at South Sharqiya health centers, Oman.

Prevention of iron deficiency anemia in adolescent and adult pregnancies.

Methylated trivalent arsenicals as candidate ultimate genotoxic forms of arsenic: induction of chromosomal mutations but not gene mutations.

A role for the aryl hydrocarbon receptor in cardiac physiology and function as demonstrated by AhR knockout mice.

[Iron deficiency anemia in pregnant women and its management with gino-tardyferon].

Estrogens and organochlorine xenoestrogens and breast cancer risk.

Pharmacological induction of HSP27 attenuates intimal hyperplasia in vivo.

Crosslinking of fibrinogen and fibronectin by free radicals: a possible initial step in adhesion formation in osteoarthritis of the temporomandibular joint.

Iron supplementation improves iron status and reduces morbidity in children with or without upper respiratory tract infections: a randomized controlled study in Colombo, Sri Lanka.

Hexose monophosphate shunt activities in human erythrocytes during oxidative damage induced by hydrogen peroxide.

Protein tyrosine phosphatase activity regulates endothelial cell-cell interactions, the paracellular pathway, and capillary tube stability.

Structural basis of fosmidomycin action revealed by the complex with 2-C-methyl-D-erythritol 4-phosphate synthase (IspC). Implications for the catalytic mechanism and anti-malaria drug development.

Fish intake, plasma omega-3 polyunsaturated fatty acids, and polychlorinated dibenzo-p-dioxins/polychlorinated dibenzo-furans and co-planar polychlorinated biphenyls in the blood of the Japanese population.

Pressure-induced activation of extracellular signal-regulated kinase 1/2 in small arteries.

Cardiovascular effects of hypocretin-1 in nucleus of the solitary tract.

Involvement of protein tyrosine kinase in Toll-like receptor 4-mediated NF-kappa B activation in human peripheral blood monocytes.

Direct evidence for recycling of myeloperoxidase-catalyzed phenoxyl radicals of a vitamin E homologue, 2,2,5,7,8-pentamethyl-6-hydroxy chromane, by ascorbate/dihydrolipoate in living HL-60 cells.

A tetrazolium-based colorimetric assay for metabolic activity of stored blood platelets.

Evaluation of the mutagenic, antimutagenic and antiproliferative potential of *Croton lechleri* (Muell. Arg.) latex.

Hepatocellular injury with hyperaminotransferasemia after cresol ingestion.

Blood-brain barrier transport of a novel micro 1-specific opioid peptide, H-Tyr-D-Arg-Phe-beta-Ala-OH (TAPA).

Application of improved iodine-azide procedure for the detection of thiouracils in blood serum and urine with planar chromatography.

Relaxation of arterial smooth muscle by water-soluble derivatives of coenzyme Q (ubiquinone).

[The regulatory effect of human bone morphogenetic protein 7 gene transfer on the proliferation and differentiation of rabbit bone marrow mesenchymal stem cells].

Characteristics of the hemostatic action of KFA-1411, an inhibitor of coagulation factor Xa (FXa), in humans and various animals.

Dynamics of endocytosis and exocytosis of poly(D,L-lactide-co-glycolide) nanoparticles in vascular smooth muscle cells.

Effects of magnesium on the production of extracellular matrix metalloproteinases in cultured rat vascular smooth muscle cells.

Hepatic stem cells: existence and origin.

Endocrine disrupting chemicals: interference of thyroid hormone binding to transthyretins and to thyroid hormone receptors.

Complex of pregnancy-associated plasma protein-A and the proform of eosinophil major basic protein. Disulfide structure and carbohydrate attachment.

α -Tocopherol Content and α -Tocopherol Transfer Protein Expression in Leukocytes of Children with Acute Leukemia.

Proteoglycans on bone marrow endothelial cells bind and present SDF-1 towards hematopoietic progenitor cells.

Aryl hydrocarbon receptor (AhR) agonists suppress interleukin-6 expression by bone marrow stromal cells: an immunotoxicology study.

Monitoring internal exposure to metals and organic substances in workers at a hazardous waste incinerator after 3 years of operation.

Polymorphisms in the human monomethylarsonic acid (MMA V) reductase/hGSTO1 gene and changes in urinary arsenic profiles.

Cardioacceleratory responses to hypocretin-1 injections into rostral ventromedial medulla.

Comparison of accumulation and altered steroid secretion by placental tissue treated with TCDD and natural mixture of PCDDs-PCDFs.

Oxygen availability during orthotopic liver transplantation.

Low density lipoprotein receptor-related protein (LRP) is a heparin-dependent adhesion receptor for connective tissue growth factor (CTGF) in rat activated hepatic stellate cells.

Inhibition of [¹⁸F]FP-TZTP binding by loading doses of muscarinic agonists P-TZTP or FP-TZTP in vivo is not due to agonist-induced reduction in cerebral blood flow.

NTP toxicology and carcinogenesis Studies of 2,4-hexadienal (89% trans,trans isomer, CAS No. 142-83-6; 11% cis,trans isomer) (Gavage Studies).

Phospholipase A2, hydroxyl radicals, and lipid peroxidation in transient cerebral ischemia.

[Development of the protein therapeutics using the super anti-cell death factor FNK].

Synergism interaction between arachidonic acid by 5-hydroxytryptamine in human platelet aggregation is mediated through multiple signalling pathways.

Simulation of dioxin accumulation in human tissues and analysis of reproductive risk.

Chlorinated hydrocarbon contaminants in blood of black and turkey vultures from Savannah River Site, South Carolina, USA.

Ischemic preconditioning by caspase cleavage of poly(ADP-ribose) polymerase-1.

P-glycoprotein restricted transport of nimodipine across blood-brain barrier.

Preparation and characterization of group A meningococcal capsular polysaccharide conjugates and evaluation of their immunogenicity in mice.

Ligand-independent activation of vascular endothelial growth factor receptor 2 by fluid shear stress regulates activation of endothelial nitric oxide synthase.

Tissue repair plays pivotal role in final outcome of liver injury following chloroform and allyl alcohol binary mixture.

Identification of lethal mutations in Escherichia coli genes encoding enzymes of the methylerythritol phosphate pathway.

Thrombospondin-bound integrin-associated protein (CD47) physically and functionally modifies integrin α IIb β 3 by its extracellular domain.

Pharmacokinetics of ovarian steroids in Sprague-Dawley rats after acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

[Fumigation of soil and food: assessment of occupational exposure to methyl bromide].

Measurement of dioxins in human blood: improvement of analytical method.

Survey on the health effects of chronic exposure to dioxins and its accumulation on workers of a municipal solid waste incinerator, rural part of Osaka Prefecture, and the results of extended survey afterwards.

Exposure evaluation of dioxins in municipal waste incinerator workers.

In vitro pharmacokinetic study of the novel anticancer agent E7070: red blood cell and plasma protein binding in human blood.

Zebrafish as a novel experimental model for developmental toxicology.

Uptake of proteins and degradation of human serum albumin by Plasmodium falciparum-infected human erythrocytes.

[Follow-up survey of dioxins in the blood of Yusho patients (in 2001)].

Reactive oxygen species mediate endotoxin-induced human dermal endothelial NF-kappaB activation.

[Determination of 2,4-dinitrophenol, its basic metabolite and 4-oxide diphenyl in biological materials].

Hydroxylated PCBs and other chlorinated phenolic compounds in lake trout (*Salvelinus namaycush*) blood plasma from the Great Lakes region.

Chemiluminescence response of beta-glucan stimulated leukocytes isolated from different tissues and peritoneal cavity of *Dicentrarchus labrax*.

The multidrug resistance-associated protein 1 transports methoxychlor and protects the seminiferous epithelium from injury.

Determination of paraquat in human blood plasma using reversed-phase ion-pair high-performance liquid chromatography with direct sample injection.

Platelet interaction with CNBr peptides from type II collagen via integrin alpha2beta1.

Different modulation by Ca²⁺-activated K⁺ channel blockers and herbimycin of acetylcholine- and flow-evoked vasodilatation in rat mesenteric small arteries.

The effect of fucoidan, heparin and cyanogen bromide-fibrinogen on the activation of human glutamic-plasminogen by tissue plasminogen activator.

An artificial amino acid, 4-iodo-L-meta-tyrosine: biodistribution and excretion via kidney.

Monthly variation in blood dioxin level, characteristics of isomer composition, and isomer changes in residents near an incineration facility.

Whole-grain rye and wheat foods and markers of bowel health in overweight middle-aged men.

Micronucleus frequency and proliferation in human lymphocytes after exposure to herbicide 2,4-dichlorophenoxyacetic acid in vitro and in vivo.

Combined methylprednisolone and dexamethasone therapy for paraquat poisoning.

Fractionation of protein adducts in rats and mice dosed with [¹⁴C]pentachlorophenol.

Role of antioxidants in paraquat toxicity.

In vitro myelotoxicity of propanil and 3,4-dichloroaniline on murine and human CFU-E/BFU-E progenitors.

A survey of EPA/OPP and open literature on selected pesticide chemicals. III. Mutagenicity and carcinogenicity of benomyl and carbendazim.

Detection of cellular responses to toxicants by dielectrophoresis.

Predictors of herbicide exposure in farm applicators.

A comparison between mouse and fish micronucleus test using cyclophosphamide, mitomycin C and various pesticides.

Induction of micronuclei and erythrocyte alterations in the catfish *Clarias batrachus* by 2,4-dichlorophenoxyacetic acid and butachlor.

Toxicokinetics, recovery, and metabolism of triclopyr butotyl (ACTP) ester in goats.

Reproductive outcomes in the women of the Red River Valley of the north. I. The spouses of pesticide applicators: pregnancy loss, age at menarche, and exposures to pesticides.

Induction of oxidative stress in paraquat formulating workers.

Predictors of survival after acute paraquat poisoning.

Exposure to pesticides as risk factor for non-Hodgkin's lymphoma and hairy cell leukemia: pooled analysis of two Swedish case-control studies.

Testicular changes induced by chronic exposure to the herbicide formulation, Tordon 75D (2,4-dichlorophenoxyacetic acid and picloram) in rats.

[Effects of pesticides on cytokines production by human peripheral blood mononuclear cells--fenitrothion and glyphosate].

Agent Orange no longer linked to childhood AML.

Computerized automated morphometric assay including frequency estimation of pentachlorophenol induced nuclear anomalies (micronucleus) in catfish *Heteropneustes fossilis*.

In vitro testing for genotoxicity of the herbicide terbutryn: cytogenetic and primary DNA damage.

Role of catalase in the smooth muscle relaxant actions of sodium azide and cyanamide.

In vivo genotoxicity evaluation of dimethylarsinic acid in MutaMouse.

Effect of vitamin C on plasma total antioxidant status in patients with paraquat intoxication.

Severe propanil [N-(3,4-dichlorophenyl) propanamide] pesticide self-poisoning.

Radioprotectants: current status and new directions.

Evaluation of the aneugenic potential of the fungicide Ferbam in mice.

A fatal human intoxication with the herbicide allyl alcohol (2-propen-1-ol).

Ethanol-stimulated behaviour in mice is modulated by brain catalase activity and H₂O₂ rate of production.

Rising leukemia rates in Thailand: the possible role of benzene and related compounds in cigarette smoke.

Two diarylurea electron transport inhibitors reduce *Staphylococcus aureus* hemolytic activity and protect cultured endothelial cells from lysis.

Plasmodium: assessment of the antimalarial potential of trifluralin and related compounds using a rat model of malaria, *Rattus norvegicus*.

Modified guanines representing O(6)-alkylation by the cyclophosphamide metabolites acrolein and chloroacetaldehyde: synthesis, stability, and ab initio studies.

Acrolein modifies and inhibits cytosolic aspartate aminotransferase.

Elimination of *O(2)(-)/H(2)O(2) by alpha-lipoic acid mediates the recovery of basal EDRF/NO availability and the reversal of superoxide dismutase-induced relaxation in diabetic rat aorta.

Brain catalase inhibition blocks ethanol-related decrease of blood luteinizing hormone levels in mice.

Combined calcium carbimide and ethanol treatment induces high blood acetaldehyde levels, myocardial apoptosis and altered expression of apoptosis-regulating genes in rat.

Transepithelial organic anion transport by shark choroid plexus.

Confocal imaging of organic anion transport in intact rat choroid plexus.

Uptake of (3)H-1-methyl-4-phenylpyridinium ((3)H-MPP(+)) by human intestinal Caco-2 cells is regulated by phosphorylation/dephosphorylation mechanisms.

Pentachlorophenol and hydroxylated polychlorinated biphenyl metabolites in umbilical cord plasma of neonates from coastal populations in Qu^Ãbec.

The distribution of the anti-HIV drug, 2'3'-dideoxycytidine (ddC), across the blood-brain and blood-cerebrospinal fluid barriers and the influence of organic anion transport inhibitors.

Erythromycin slows aging of *Saccharomyces cerevisiae*.

Plasma pharmacokinetics and tissue distribution of a N-pyrrolo-[1,2-c]imidazolylphenyl sulfonamide in rats.

Possible range of dioxin concentration in human tissues: simulation with a physiologically based model.

Altered protein profile and possible hypoxia in the placenta of 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed rats.

Comparative toxicity study of 3-aminophenol in newborn and young rats.

The usefulness of elemental iron for cereal flour fortification: a SUSTAIN Task Force report. Sharing United States Technology to Aid in the Improvement of Nutrition.

Acute toxicity of carbonyl iron and sodium iron EDTA compared with ferrous sulfate in young rats.

Addition of microencapsulated iron to iodized salt improves the efficacy of iodine in goitrous, iron-deficient children: a randomized, double-blind, controlled trial.

Pulmonary effects of ultrafine and fine ammonium salts aerosols in healthy and monocrotaline-treated rats following short-term exposure.

Associations of dichlorodiphenyltrichloroethane (DDT) 4.4 and dichlorodiphenyldichloroethylene (DDE) 4.4 blood levels with plasma IL-4.

[Chromosome instability induced by agrochemicals among farm workers in Passo Fundo, Rio Grande do Sul, Brazil].

The influence of a residual group in low-molecular-weight allergoids of *Artemisia vulgaris* pollen on their allergenicity, IgE- and IgG-binding properties.

Lipid metabolism and neuropsychological follow-up study of workers exposed to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin.

Alcohol-induced increases in insulin-like growth factor binding protein-1 are partially mediated by TNF.

Bioavailability of caseinophosphopeptide-bound iron.

The effect of iron deficiency anaemia on the levels of haemoglobin subtypes: possible consequences for clinical diagnosis.

Fibrinogen induces chemotactic activity in endothelial cells.

Endocrine disruption by indole-3-carbinol and tamoxifen: blockage of ovulation.

Therapeutic effects of glucose infusion on monochloroacetic acid exposure in rats.

The Belgian PCB/dioxin incident: a critical review of health risks evaluations.

Domestic drinking water--an effective way to prevent anemia among low socioeconomic families in Brazil.

The effect of different iron fortificants on iron absorption from iron-fortified rice.

Determination of autofluorescence of red blood cells (RbCs) in uremic patients as a marker of oxidative damage.

2,3,7,8-tetrachlorodibenzo-*p*-dioxin causes alterations in lymphocyte development and thymic atrophy in hemopoietic chimeras generated from mice deficient in ARNT2.

Mortality in dioxin-exposed mice infected with influenza: mitochondrial toxicity (reye's-like syndrome) versus enhanced inflammation as the mode of action.

Critical windows of exposure to household pesticides and risk of childhood leukemia.

A study on behavioral, neurotoxicological, and immunotoxicological effects of subchronic arsenic treatment in rats.

Activation of adenosine triphosphate-sensitive potassium channels confers protection against rotenone-induced cell death: therapeutic implications for Parkinson's disease.

Streptococcus sanguis modulates type II collagen-induced arthritis in DBA/1J mice.

Bioavailability of Petit-Suisse cheese as food vehicle for iron fortification estimated by the prophylactic method.

The role of Akt and RAFTK in beta1 integrin mediated survival of precursor B-acute lymphoblastic leukemia cells.

FLT3 in human hematologic malignancies.

Reversal of iron deficiency anemia-induced peripheral neuropathy by iron treatment in children with iron deficiency anemia.

Behavior of non-protein-bound and protein-bound uremic solutes during daily hemodialysis.

Selective apoptosis of tandemly duplicated FLT3-transformed leukemia cells by Hsp90 inhibitors.

Assessment of genome damage in a population of Croatian workers employed in pesticide production by chromosomal aberration analysis, micronucleus assay and Comet assay.

Effect of arsenic, cadmium and lead on the induction of apoptosis of normal human mononuclear cells.

Supplemental zinc lowers measures of iron status in young women with low iron reserves.

Does iron have a place in the management of breath holding spells?

Mechanisms of 2-butoxyethanol carcinogenicity: studies on Syrian Hamster Embryo (SHE) cell transformation.

Platelet endothelial cell adhesion molecule-1 (PECAM-1/CD31) acts as a regulator of B-cell development, B-cell antigen receptor (BCR)-mediated activation, and autoimmune disease.

Angiopoietin-1 and VEGF in vascular development and angiogenesis in hypoplastic lungs.

Triplet pregnancy in a Jehovah's witness: recombinant human erythropoietin and iron supplementation for minimising the risks of excessive blood loss.

Studies on the photostability and phototoxicity of aloe-emodin, emodin and rhein.

Severe 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) intoxication: kinetics and trials to enhance elimination in two patients.

Clinical inquiries. Are any oral iron formulations better tolerated than ferrous sulfate?

Immunologic biomarkers in relation to exposure markers of PCBs and dioxins in Flemish adolescents (Belgium).

[Iron supplementation in a child with severe burns].

Modes of activation of mitogen-activated protein kinases and their roles in cepharanthine-induced apoptosis in human leukemia cells.

Decrease in 4-aminobiphenyl-induced methemoglobinemia in Cyp1a2(-/-) knockout mice.

[Treatment of iron deficiency in preschool children with a weekly dose of ferrous sulfate].

Dinitrophenol pretreatment of rat ventricular myocytes protects against damage by metabolic inhibition and reperfusion.

Transgenic rice is a source of iron for iron-depleted rats.

Changes in haemoglobin levels in infants in Malawi: effect of low birth weight and fetal anaemia.

Effects of subchronic exposure to a complex mixture of persistent contaminants in male rats: systemic, immune, and reproductive effects.

Tumor necrosis factor-alpha and interleukin-1beta mediate the production of nitric oxide involved in the pathogenesis of ifosfamide induced hemorrhagic cystitis in mice.

Case-control study evaluating the homogeneity and heterogeneity of risk factors between sinonasal and nasopharyngeal cancers.

[The prevalence of iron deficiency anemia among 6- to 18-month-old children in Japan].

Epoetin alpha in elective coronary and valve surgery in Jehovah's Witnesses patients. Experience in 45 patients.

Marginal iron deficiency without anemia impairs aerobic adaptation among previously untrained women.

Angiotensin protects cortical neurons from hypoxic-induced apoptosis via the angiotensin type 2 receptor.

An autopsy case of poisoning by massive absorption of cresol a short time before death.

Differential activities of murine single minded 1 (SIM1) and SIM2 on a hypoxic response element. Cross-talk between basic helix-loop-helix/per-Arnt-Sim homology transcription factors.

Congenital erythrocytosis with increased erythropoietin level.

Iron-deficiency anemia in young working women can be reduced by increasing the consumption of cereal-based fermented foods or gooseberry juice at the workplace.

The potential role of exposure to environmental toxicants in the pathophysiology of endometriosis.

On the rumors about the silent spring. Review of the scientific evidence linking occupational and environmental pesticide exposure to endocrine disruption health effects.

Bioavailability of microencapsulated ferrous sulfate in milk.

Bioavailability of microencapsulated ferrous sulfate in powdered milk produced from fortified fluid milk: a prophylactic study in rats.

Once weekly is superior to daily iron supplementation on height gain but not on hematological improvement among schoolchildren in Thailand.

Heat shock response reduces intestinal permeability in septic mice: potential role of interleukin-10.

Attenuation of ischemic efflux of endogenous amino acids by the novel 5-HT(1A)/5-HT(2) receptor ligand adatsanserin.

Obligatory requirement of sulfation for P-selectin binding to human salivary gland carcinoma Acc-M cells and breast carcinoma ZR-75-30 cells.

Association between chronic exposure to pesticides and recorded cases of human malignancy in Gaza Governorates (1990-1999).

Skin irritation typing and grading based on laser Doppler perfusion imaging.

In vitro adsorption of lithium by bentonite.

NTP Technical Report on the Toxicology and Carcinogenesis Studies of Chloral Hydrate (Cas No. 302-17-0) in B6C3F1 mice (Gavage Studies).

Increased glycogen content and glucose transporter 3 mRNA level in the placenta of Holtzman rats after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Role of sarcolemmal K(ATP) channels in cardioprotection against ischemia/reperfusion injury in mice.

Weekly vs daily iron and folic acid supplementation in adolescent Nepalese girls.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in the zebrafish embryo: altered regional blood flow and impaired lower jaw development.

Recent advances in understanding the mechanisms of TCDD immunotoxicity.

Anti-platelet and anti-thrombotic effects of triacetylshikimic acid in rats.

Effects of 2-butoxyethanol on hepatic oxidative damage.

Oxidative stress reproduces placental abnormalities of preeclampsia.

Dietary folate deficiency enhances induction of micronuclei by arsenic in mice.

A possible relationship between bumblefoot responsive to potassium arsenite and micrococci in the blood of three birds of prey.

[Relationship between emotional stress in female residents of the city of Chapaevsk and toxicological and genetic values].

Simple radioactive assay for the estimation of DNA breaks.

Iron deficiency anemia increases nitric oxide production in healthy adolescents.

Extracellular signal-regulated kinases and G protein-coupled receptors in megakaryocytic human erythroleukemia cells: selective activation, differential regulation, and dissociation from mitogenesis.

Selective transport and accumulation of alkanes by *Rhodococcus erythropolis* S+14He.

Metabolism and excretion of 2-nitro-p-cresol in rats.

Antagonism of NMDA receptors by sigma receptor ligands attenuates chemical ischemia-induced neuronal death in vitro.

Reactivity of atropaldehyde, a felbamate metabolite in human liver tissue in vitro.

Cyclic mechanical stretch augments prostacyclin production in cultured human uterine myometrial cells from pregnant women: possible involvement of up-regulation of prostacyclin synthase expression.

Internalization of basic fibroblast growth factor at the mouse blood-brain barrier involves perlecan, a heparan sulfate proteoglycan.

Hemorrhagic cystitis as an unexpected adverse reaction to temozolomide: case report.

Enhancement of allyl alcohol hepatotoxicity by endotoxin requires extrahepatic factors.

Role of oxidative phosphorylation and ATP release in mediating birth-related pulmonary vasodilation in fetal lambs.

[11C]Mirtazapine for PET neuroimaging: radiosynthesis and initial evaluation in the living porcine brain.

Differential sensitivity of inward rectifier K⁺ channels to metabolic inhibitors.

Clinical toxicology: part II. Diagnosis and management of uncommon poisonings.

Oxidative stress and gene transcription in asthma and chronic obstructive pulmonary disease: antioxidant therapeutic targets.

Analysis of paraquat, diquat and two diquat metabolites in biological materials by high-performance liquid chromatography.

[Biosensor of the reactor type based on *Rhodococcus erythropolis* HL TM-1 cells for determining 2,4-dinitrophenol].

Reconstitution of functional human B lymphocytes in NOD/SCID mice engrafted with ex vivo expanded CD34(+) cord blood cells.

Portal absorption of ¹⁴C after ingestion of spiked milk with ¹⁴C-phenanthrene, ¹⁴C-benzo[a]pyrene or ¹⁴C-TCDD in growing pigs.

2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in the zebrafish embryo: local circulation failure in the dorsal midbrain is associated with increased apoptosis.

Opening of ATP-sensitive potassium channels causes generation of free radicals in vascular smooth muscle cells.

Resistance of isolated mammalian spinal cord white matter to oxygen-glucose deprivation.

Biological monitoring of metals and organic substances in hazardous-waste incineration workers.

Hypochlorous acid inhibits glutathione S-conjugate export from human erythrocytes.

Metabolite ratio of toluene-exposed rotogravure printing plant workers reflects individual mutagenic risk by sister chromatid exchanges.

Origins and consequences of mitochondrial decline in nucleated erythrocytes.

Serum dioxin concentrations and menstrual cycle characteristics.

Impact of human variability on the biological monitoring of exposure to toluene: I. Physiologically based toxicokinetic modelling.

Coagulation for treatment of paint industry wastewater.

The effect of oxidative stress on ERalpha and ERbeta expression.

Severe 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) intoxication: insights into the measurement of hepatic cytochrome P450 1A2 induction.

Modeling digestive tract absorption and desorption of lipophilic organic contaminants in humans.

Inhibition of protein kinases A and C demonstrates dual modes of response in human eosinophils stimulated with platelet-activating factor.

Comparative responsiveness of hypothyroxinemia and hepatic enzyme induction in Long-Evans rats versus C57BL/6J mice exposed to TCDD-like and phenobarbital-like polychlorinated biphenyl congeners.

Urokinase induces its own expression in Beas2B lung epithelial cells.

Antifungal mechanism of SMAP-29 (1-18) isolated from sheep myeloid mRNA against *Trichosporon beigelii*.

Distribution and elimination of polychlorinated dibenzo-p-dioxins, dibenzofurans, biphenyls, and p,p'-DDE in tissues of bald eagles from the Upper Peninsula of Michigan.

The effect of ascorbic acid and ethanol on the level of thiobarbituric acid reactive substances (TBARS) in selected tissues of albino BALB/c mice.

Isoflurane-induced facilitation of the cardiac sarcolemmal K(ATP) channel.

Differential modulation of the cardiac adenosine triphosphate-sensitive potassium channel by isoflurane and halothane.

Effects of glucocorticoids on generation of reactive oxygen species in platelets.

Amino acid sequence of a thrombin like enzyme, elegaxobin, from the venom of *Trimeresurus elegans* (Sakishima-habu).

Candida albicans expresses a focal adhesion kinase-like protein that undergoes increased tyrosine phosphorylation upon yeast cell adhesion to vitronectin and the EA.hy 926 human endothelial cell line.

Synthesis and cytotoxic activity of N-(2-diethylamino)ethylcarboxamide and other derivatives of 10H-quindoline.

Functional expression and localization of P-glycoprotein at the blood brain barrier.

Activation of erythropoietin receptor through a novel extracellular binding site.

Stereoselective transport of histidine in rat lung microvascular endothelial cells.

Microfilament-dependent movement of the beta3 integrin subunit within focal contacts of endothelial cells.

Development of an in vitro test battery for the estimation of acute human systemic toxicity: An outline of the EDIT project. Evaluation-guided Development of New In Vitro Test Batteries.

A convenient method for determination of the C20-22 PUFA composition of glycerolipids in blood and breast milk.

Detection of early embryonic development in chicken eggs using visible light transmission.

Discrimination and taxonomy of geographically diverse strains of nitrile-metabolizing actinomycetes using chemometric and molecular sequencing techniques.

Effects of protein kinase C on delayed rectifier K⁺ channel regulation by tyrosine kinase in rat retinal pigment epithelial cells.

Stimulation of nitric oxide synthase in cerebral cortex due to elevated partial pressures of oxygen: an oxidative stress response.

Laminar disorganisation of mitral cells in the olfactory bulb does not affect topographic targeting of primary olfactory axons.

[Prevalence of drug use during pregnancy: a pharmacoepidemiological approach].

Characterization of dioxin exposure in firefighters, residents, and chemical workers in the Irkutsk Region of Russian Siberia.

Compestatin antagonizes the AMPA/kainate-induced neurotoxicity in cultured chick telencephalic neurons.

Soluble fibrinogen modulates neutrophil functionality through the activation of an extracellular signal-regulated kinase-dependent pathway.

Role of gas chromatography-mass spectrometry with negative ion chemical ionization in clinical and forensic toxicology, doping control, and biomonitoring.

Long-chain fatty acids increase basal metabolism and depolarize mitochondria in cardiac muscle cells.

Aryl hydrocarbon receptor is required for prevention of blood clotting and for the development of vasculature and bone in the embryos of medaka fish, *Oryzias latipes*.

Monitoring for DNA damage of humans occupationally exposed to methyl bromide.

Expression and induction of the stress protein alpha-B-crystallin in vascular endothelial cells.

npd gene functions of *Rhodococcus (opacus) erythropolis* HL PM-1 in the initial steps of 2,4,6-trinitrophenol degradation.

Chiral pharmacokinetics and inversion of enantiomers of a new quinoxaline topoisomerase II β poison in the rat.

Nitric oxide inactivation in brain by a novel O₂-dependent mechanism resulting in the formation of nitrate ions.

Thrombin-stimulated cell proliferation mediated through activation of Ras/Raf/MEK/MAPK pathway in canine cultured tracheal smooth muscle cells.

Barbiturase, a novel zinc-containing amidohydrolase involved in oxidative pyrimidine metabolism.

Immobilized earthworm fibrinolytic enzyme III-1 with carbonyldiimidazole activated-agarose.

Determination of tissue-blood partition coefficients for a physiological model for humans, and estimation of dioxin concentration in tissues.

Porphyrin profiles in blood and urine as a biomarker for exposure to various arsenic species.

Urocortin, but not urocortin II, protects cultured hippocampal neurons from oxidative and excitotoxic cell death via corticotropin-releasing hormone receptor type I.

Multidrug-resistance mdr1a/1b double knockout mice are more sensitive than wild type mice to acute arsenic toxicity, with higher arsenic accumulation in tissues.

The major Cu,Zn SOD of the phytopathogen *Claviceps purpurea* is not essential for pathogenicity.

Intracellular Ca²⁺ homeostatic regulation and 4-hydroxynonenal-induced aortic endothelial dysfunction.

Ferritin induction protects cortical astrocytes from heme-mediated oxidative injury.

Rheological and biochemical examination of red blood cells after treatment with different pharmacological and toxic substances.

Myeloperoxidase-dependent caspase-3 activation and apoptosis in HL-60 cells: protection by the antioxidants ascorbate and (dihydro)lipoic acid.

Preliminary evaluation of the cytotoxic and genotoxic potential of D-003: Mixture of very long chain fatty acids.

Composition of enterococcal and streptococcal flora from pigeon intestines.

Sister chromatid exchange and proliferative rate index in the longitudinal risk assessment of occupational exposure to pesticides.

Syndecan-4 mediates antithrombin-induced chemotaxis of human peripheral blood lymphocytes and monocytes.

Nonagenarians from the Swedish NONA Immune Study have increased plasma antioxidant capacity and similar levels of DNA damage in peripheral blood mononuclear cells compared to younger control subjects.

Identification of hydroxylated PCB metabolites and other phenolic halogenated pollutants in human blood plasma.

Neutropenia induced by paraquat poisoning.

Subacute toxicity of anilofos, a new organophosphorus herbicide in male rats: effect on lipid peroxidation and ATPase activity.

Subacute toxicity of anilofos, a new organophosphorus herbicide, in male rats: effect on some physical attributes and acetylcholinesterase activity.

[Corrective effects of tocopherol on changes in indices of the protective activity of phagocytes under the action of the herbicide 2,4-DA].

Environmental and occupational skin diseases in Taiwan.

Toxicity and effects of 2,6-di-tert-butyl-4-methylphenyl N-methylcarbamate (terbutol) on hepatic cytochrome P450 in F344 rats.

Changes in concentrations of type IV collagen and tissue inhibitor of metalloproteinase-1 in patients with paraquat poisoning.

Surfactant and corticosteroid effects on lung function in a rat model of acute lung injury.

Relation of serum 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) level to hematological examination results in veterans of Operation Ranch Hand.

Induction of sister chromatid exchanges by 2,4-dichlorophenoxyacetic acid in somatic and germ cells of mice exposed in vivo.

Effect of isoproterenol pretreatment on the biochemical toxicodynamics of anilofos in male rats.

The effect of exposure to a commercial 2,4-D formulation during gestation on the immune response in CD-1 mice.

Gender difference in cytoprotection induced by estrogen on female and male bovine aortic endothelial cells.

Langerhans cells and immature dendritic cells as model systems for screening of skin sensitizers.

Genotoxic effect of 2,4-dichlorophenoxy acetic acid and its metabolite 2,4-dichlorophenol in mouse.

Carrier-mediated processes in blood--brain barrier penetration and neural uptake of paraquat.

Release of markedly increased quantities of prostaglandin D2 from the skin in vivo in humans after the application of cinnamic aldehyde.

Evaluation of immune parameters in propanil-exposed farm families.

Genotoxicity studies of three triazine herbicides: in vivo studies using the alkaline single cell gel (SCG) assay.

Toxic effects of the herbicide 2,4-dichlorophenoxyacetic acid on lymphoid organs of the rat.

Acute diquat poisoning with intracerebral bleeding.

Effects of atrazine on embryos, larvae, and adults of anuran amphibians.

Toxico-kinetics, recovery, and metabolism of napropamide in goats following a single high-dose oral administration.

Detection of DNA damage in haemocytes of zebra mussel using comet assay.

Proliferation and differentiation of murine haemopoietic progenitor cells in stroma-free culture in the presence of metabolites of chlorinated pesticides.

Paraquat poisoning in a family.

The hemolytic toxicity of some new aminophosphonates.

Effect of the herbicide 4-CPA on human erythrocyte antioxidant enzymes in vitro.

Effect of 2,4-dichlorophenoxyacetic acid herbicide on escherichia coli growth, chemical composition, and cellular envelope.

Reproductive toxicity of MCPA (4-chloro-2-methylphenoxyacetic acid) in the rat.

Influence of paraquat, glyphosate, and cadmium on the activity of some serum enzymes and protein electrophoretic behavior (in vitro).

Association of elevated blood levels of pentachlorophenol (PCP) with cellular and humoral immunodeficiencies.

Pesticide poisoning initially suspected as a natural death.

Induction of apoptosis in human lymphocytes by the herbicide 2,4-dichlorophenoxyacetic acid.

Pancreatitis induced by environmental toxins.

Dehydroepiandrosterone inhibits the death of immunostimulated rat C6 glioma cells deprived of glucose.

Measurement of inhibin A: a modification to an enzyme-linked immunosorbent assay.

Hyperbaric oxygenation pretreatment induces catalase and reduces infarct size in ischemic rat myocardium.

Chronic low-level administration of diquat increases the nociceptive response to gastric distension in rats: role of mast cells and tachykinin receptor activation.

Expression of inducible nitric oxide synthase in primary culture of rat bladder smooth muscle cells by plasma from cyclophosphamide-treated rats.

Effects of chlorpropham (CIPC) on the hemopoietic system of rats.

Down-regulation of catalase gene expression in the doxorubicin-resistant AML subline AML-2/DX100.

Haemonchus contortus utilises catalase in defence against exogenous hydrogen peroxide in vitro.

Biodegradation and transfer of ingested 2,4-D herbicide by a polyphagous saturniid caterpillar.

Animal species difference in the uptake of dimethylarsinous acid (DMA(III)) by red blood cells.

Hydrogen peroxide detoxification in the midgut of the blood-sucking insect, *Rhodnius prolixus*.

Cholinergic nerves mediate acetaldehyde action in the gastrointestinal tract.

Isolation and characterisation of *Rhodococcus erythropolis* TA57 able to degrade the triazine amine product from hydrolysis of sulfonylurea pesticides in soils.

Red blood cells inhibit activation-induced cell death and oxidative stress in human peripheral blood T lymphocytes.

Relative sensitivities of plasma lecithin:cholesterol acyltransferase, platelet-activating factor acetylhydrolase, and paraoxonase to in vitro gas-phase cigarette smoke exposure.

Metabolism of the herbicide glufosinate-ammonium in plant cell cultures of transgenic (rhizomania-resistant) and non-transgenic sugarbeet (*Beta vulgaris*), carrot (*Daucus carota*), purple foxglove (*Digitalis purpurea*) and thorn apple (*Datura stramonium*).

Acetaldehyde, a metabolite of ethanol, activates the hypothalamic-pituitary-adrenal axis in the rat.

B-lymphocytes from malignant hyperthermia-susceptible patients have an increased sensitivity to skeletal muscle ryanodine receptor activators.

[Effect of sideropenic anemia and its therapy on serum levels of leptin].

Cutaneous elimination of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Disruption of erythropoiesis by dioxin in the zebrafish.

Enhanced expression of heat shock proteins in activated polymorphonuclear leukocytes in patients with sepsis.

Macrophage migration inhibitory factor as a redox-sensitive cytokine in cardiac myocytes.

Treatment of anemia with microencapsulated ferrous fumarate plus ascorbic acid supplied as sprinkles to complementary (weaning) foods.

Biochemical, neuropsychological, and neurological abnormalities following 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure.

The effect of long-term storage on nanoleakage.

Mast cell regulation of inflammation and gene expression during antigen-induced bladder inflammation in mice.

[A case of fatal acute sodium azide poisoning].

Arsenic suppresses necrosis induced by selenite in human leukemia HL-60 cells.

p73 is a growth-regulated protein in vascular smooth muscle cells and is present at high levels in human atherosclerotic plaque.

Chronic fatigue syndrome (CFS) associated with *Staphylococcus* spp. bacteremia, responsive to potassium arsenite 0.5% in a veterinary surgeon and his coworking wife, handling with CFS animal cases.

Complestatin is a noncompetitive peptide antagonist of N-methyl-D-aspartate and alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid/kainate receptors: secure blockade of ischemic neuronal death.

Dioxin and diabetes mellitus: an analysis of the combined NIOSH and Ranch Hand data.

Methaemoglobinaemia and poisoning.

[Utilization of different iron concentrations on pregnant adolescents also supplemented with zinc and folate].

Do cool water or physiologic saline compresses enhance resolution of experimentally-induced irritant contact dermatitis?

Randomized, controlled trial of single versus 3-times-daily ferrous sulfate drops for treatment of anemia.

Cell swelling and a nonselective cation channel regulated by internal Ca^{2+} and ATP in native reactive astrocytes from adult rat brain.

Effects of chemical modifications of crotoxin B, the phospholipase A(2) subunit of crotoxin from *Crotalus durissus terrificus* snake venom, on its enzymatic and pharmacological activities.

Cytogenetic monitoring of croatian population occupationally exposed to a complex mixture of pesticides.

FLT3 tyrosine kinase as a target molecule for selective antileukemia therapy.

[CD7(+) acute myeloid leukemia (M0) associated with a mediastinal bulky mass lesion].

Severe 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) intoxication: clinical and laboratory effects.

Iron supplementation inhibits cough associated with ACE inhibitors.

Late confirmation of acute methyl bromide poisoning using S-methylcysteine adduct testing.

Aromatic hydrocarbon receptor-driven Bax gene expression is required for premature ovarian failure caused by biohazardous environmental chemicals.

Contribution of Mn-cofactored superoxide dismutase (SodA) to the virulence of *Streptococcus agalactiae*.

Pro-apoptotic interactions between XK469 and the peripheral benzodiazepine receptor.

Concomitant supplemental vitamin A enhances the response to weekly supplemental iron and folic acid in anemic teenagers in urban Bangladesh.

Suppression of allergic immune responses to house dust mite (HDM) in rats exposed to 2,3,7,8-TCDD.

Hypoxia-inducible factor 1alpha and 1beta proteins share common signaling pathways in human prostate cancer cells.

Cardioprotective effect of propranolol from alcohol-induced heart muscle damage as assessed by plasma cardiac troponin-t.

Tyrosine kinase inhibitors in the treatment of chronic myeloid leukaemia: so far so good?

The genetic basis of endometriosis.

Health effects of dioxin exposure: a 20-year mortality study.

Chronic toxicity of dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin to mink.

Fetal tracheal occlusion in the rat model of nitrofen-induced congenital diaphragmatic hernia: tracheal occlusion reverses the arterial structural abnormality.

Polychlorinated biphenyl serum levels in pregnant subjects with diabetes.

[The changes of PCBs and PCDFs as well as symptoms in Yusho patients for 30 years].

Occupational exposures to metals, solvents and pesticides: recent evidence on male reproductive effects and biological markers.

Effectiveness of treatment of iron-deficiency anemia in infants and young children with ferrous bis-glycinate chelate.

Human emotional stress, dioxin blood content and genetic damage in Chapaevsk town.

Dioxin exposure and public health in Chapaevsk, Russia.

Fate of PCDF/PCB congeners and change of clinical symptoms in patients with Yusho PCB poisoning for 30 years.

Health risk assessment of dioxin emissions from municipal waste incinerators: the Neerlandquarter (Wilrijk, Belgium).

Method for evaluation of immunotoxicity of dioxin compounds using human T-lymphoblastic cell line, L-MAT.

Will genetically modified foods be allergenic?

A randomized study of oral vs intravenous iron supplementation in patients with progressive renal insufficiency treated with erythropoietin.

Activated coagulation factor X: a novel mitogenic stimulus for human mesangial cells.

Phosphorylation of xanthine dehydrogenase/oxidase in hypoxia.

IgE binding properties of the recombinant ovomucoid third domain expressed in Escherichia coli.

Uptake mechanism of valproic acid in human placental choriocarcinoma cell line (BeWo).

[Pathogenetic rationale for inclusion of vitamin E in combined correction of iron deficiency anemia].

Autologous blood transfusion in oral and maxillofacial surgery patients with the use of erythropoietin.

Toxicity of PCB-126 in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P4501A induction in several organ systems.

Comparative biodistribution and metabolism of carbon-11-labeled N-[2-(dimethylamino)ethyl]acridine-4-carboxamide and DNA-intercalating analogues.

Dissociation of enzymatic and pharmacological properties of piratoxins-I and -III, two myotoxic phospholipases A2 from *Bothrops pirajai* snake venom.

Relative effectiveness of iron bis-glycinate chelate (Ferrochel) and ferrous sulfate in the control of iron deficiency in pregnant women.

Central retinal vein occlusion and nonarteritic ischemic optic neuropathy in 2 patients with mild iron deficiency anemia.

Androgen receptor antagonism by the organophosphate insecticide fenitrothion.

2,3,7,8-tetrachlorodibenzo-p-dioxin and natural immunity: lack of an effect on the complement system in a guinea pig model.

Characterization of endogenous amino acid efflux from hippocampal slices during chemically-induced ischemia.

Low ferritin levels indicate the need for iron supplementation: strategy to minimize iron depletion in regular blood donors.

High-performance liquid chromatography/fluorescence detection of S-methylglutathione formed by glutathione-S-transferase T1 in vitro.

Capacity of mouse mast cells to prime T cells and to induce specific antibody responses in vivo.

Genetic events associated with arsenic-induced malignant transformation: applications of cDNA microarray technology.

Effect of oral administration of excessive iron in adult ponies.

Ethanol activates NFkappaB DNA binding and p56lck protein tyrosine kinase in human osteoblast-like cells.

BAPS prize-1999: Lung growth induced by prenatal tracheal occlusion and its modifying factors: a study in the rat model of congenital diaphragmatic hernia.

2,3,7,8-tetrachlorodibenzo-p-dioxin decreases responsiveness of the hypothalamus to estradiol as a feedback inducer of preovulatory gonadotropin secretion in the immature gonadotropin-primed rat.

Improving iron absorption from a Peruvian school breakfast meal by adding ascorbic acid or Na₂EDTA.

Dioxin exposure is an environmental risk factor for ischemic heart disease.

Iron deficiency anemia.

Preconditioning with sodium arsenite inhibits apoptotic cell death in rat kidney with ischemia/reperfusion or cyclosporine-induced injuries. The possible role of heat-shock protein 70 as a mediator of ischemic tolerance.

History of the development of arsenic derivatives in cancer therapy.

The effectiveness of weekly iron and vitamin supplementation of Malawian preschool children.

Photosensitizing activity of thiocolchicoside: photochemical and in vitro phototoxicity studies.

Effect of sodium arsenite on iNOS expression and vascular hyporeactivity associated with cecal ligation and puncture in the rat.

Aryl hydrocarbon receptor signaling plays a significant role in mediating benzo[a]pyrene- and cigarette smoke condensate-induced cytogenetic damage in vivo.

Absorption of iron from unmodified maize and genetically altered, low-phytate maize fortified with ferrous sulfate or sodium iron EDTA.

Benzo[a]pyrene-induced toxicity: paradoxical protection in Cyp1a1(-/-) knockout mice having increased hepatic BaP-DNA adduct levels.

Lauryl gallate inhibits the activity of protein tyrosine kinase c-Src purified from human platelets.

Dioxins in bile in relation to those in the human liver and blood.

Studies made to assess risk concerning a 'dioxin' contamination incident near Bolsover, Derbyshire, UK.

Cyclic AMP increases the survival of ganglion cells in mixed retinal cell cultures in the absence of exogenous neurotrophic molecules, an effect that involves cholinergic activity.

Effects of dioxins and polychlorinated biphenyls (PCBs) on thyroid function in infants born in Japan--the second report from research on environmental health.

N-Acetylneuraminic acid uptake in *Pasteurella (Mannheimia) haemolytica* A2 occurs by an inducible and specific transport system.

Role of iron in the interaction of red blood cells with methylglyoxal. Modification of L-arginine by methylglyoxal is catalyzed by iron redox cycling.

Enhanced systemic tissue distribution after dermal versus intravenous 3,3',4,4'-tetrachlorobiphenyl exposure: limited utility of radiolabel blood area under the curve and excretion data in dermal absorption calculations and tissue exposure assessment.

Involvement of ADAM9 in multinucleated giant cell formation of blood monocytes.

[Dioxins in the environment and in the blood and breast milk of residents of the town of Chapayevsk].

Identification of the epidermal growth factor-like domains of thrombomodulin essential for the acceleration of thrombin-mediated inactivation of single-chain urokinase-type plasminogen activator.

Prenatal exposure to pesticides: a feasibility study among migrant and seasonal farmworkers.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) inhibition of coronary development is preceded by a decrease in myocyte proliferation and an increase in cardiac apoptosis.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on corticotrophin-releasing hormone, arginine vasopressin, and pro-opiomelanocortin mRNA levels in the hypothalamus of the cynomolgus monkey.

Functional expression of P-glycoprotein in rat brain microglia.

Reductions in systemic oxygen delivery induce a hypometabolic state in the turtle *Trachemys scripta*.

Distribution spaces for hyaluronan and albumin in rat tail tendons.

Mannheimia haemolytica leukotoxin activates a nonreceptor tyrosine kinase signaling cascade in bovine leukocytes, which induces biological effects.

Kinetics of the protein-bound, lipophilic, uremic toxin p-cresol in healthy rats.

Long-lived polyclonal B-cell lines derived from midgestation mouse embryo lymphohematopoietic progenitors reconstitute adult immunodeficient mice.

Rapid analysis of pesticide components, xylene, o-dichlorobenzene, cresol and dichlorvos, in blood and urine by pulse heating-gas chromatography-mass spectrometry.

Antioxidant effect of red wine anthocyanins in normal and catalase-inactive human erythrocytes.

In vitro assay of collagen gel contraction by cardiac fibroblasts in serum-free conditions.

Lidocaine and mexiletine inhibit mitochondrial oxidation in rat ventricular myocytes.

Direct estimate of 1:1 stoichiometry of K(+)-Cl(-) cotransport in rabbit erythrocytes.

Fatal poisoning by butachlor and chlornitrofen ingested from a bottle marked as nitrofen.

The Change in the Properties of Sodium Dodecyl Sulfate Micelles upon Addition of Isomeric and Unsaturated Short-Chain Alcohols Probed by Photophysical Methods.

Metabolism of [¹⁴C]1,2,7,8-tetrachlorodibenzo-p-dioxin in a ruminating Holstein calf.

Levels of certain metals, organochlorine pesticides and dioxins in cord blood, maternal blood, human milk and some commonly used nutrients in the surroundings of the Aral Sea (Karakalpakstan, Republic of Uzbekistan).

Effect of dioxin on ovarian function in the cynomolgus macaque (*M. fascicularis*).

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptotic cell death and cytochrome P4501A expression in developing *Fundulus heteroclitus* embryos.

A new technique for measuring the cell growth and metabolism of endothelial cells seeded on vascular prostheses.

Synthesis of novel anti-inflammatory peptides derived from the amino-acid sequence of the bioactive protein SV-IV.

Fusarium solani major allergen peptide IV-1 binds IgE but does not release histamine.

Human eosinophils induce histamine release from antigen-activated rat peritoneal mast cells: a possible role for mast cells in late-phase allergic reactions.

Renal function, cytogenetic measurements, and sexual development in adolescents in relation to environmental pollutants: a feasibility study of biomarkers.

Strategies for neuroprotection against L-trans-2,4-pyrrolidine dicarboxylate-induced neuronal damage during energy impairment in vitro.

[Follow-up survey of dioxins in the blood of Yusho patients (in 1998-1999)].

Levels of metals and organic substances in blood and urine of workers at a new hazardous waste incinerator.

Polychlorinated biphenyls, polychlorinated dibenzo-p-dioxins, and polychlorinated dibenzofurans as endocrine disrupters--what we have learned from Yusho disease.

Levels of hexachlorobenzene and other organochlorine compounds in cord blood: exposure across placenta.

Effects of binary mixtures of six xenobiotics on hormone concentrations and morphometric endpoints of northern bobwhite quail (*Colinus virginianus*).

Hemopoietic cell kinetics after intraperitoneal single injection of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice.

Increase of dioxin blood levels over the last 4 years in the general population in Spain.

Heparin-induced release of protein-bound solutes during hemodialysis is an in vitro artifact.

Differential requirements for ERK1/2 and P38 MAPK activation by thrombin in T cells. Role of P59Fyn and PKCepsilon.

Mechanisms of thrombin-induced MAPK activation associated with cell proliferation in human cultured tracheal smooth muscle cells.

Increased tumor necrosis factor-alpha production by peripheral blood leukocytes from TCDD-exposed rhesus monkeys.

Oncogenic Ras-induced proliferation requires autocrine fibroblast growth factor 2 signaling in skeletal muscle cells.

Aryl hydrocarbon receptor-deficient mice generate normal immune responses to model antigens and are resistant to TCDD-induced immune suppression.

[Involvement of regulating the phosphatidylinositol 3-kinase signaling pathway in the process of herbimycin A-induced erythroid cell differentiation in the K562 erythroleukemia cell line].

Effects of staurosporine, U-73122, wortmannin, 4-hydroxynonenal and sodium azide upon the release of secreted beta-amyloid precursor protein from human platelets in response to thrombin stimulation.

Plasma levels of persistent organohalogenes and hormone levels in adult male humans.

New method for determination of ten pesticides in human blood.

Quantitative exposure assessment: application of physiologically-based pharmacokinetic (PBPK) modeling of low-dose, long-term exposures of organic acid toxicant in the brain.

Heterogeneity and plasticity of hepatocyte lineage cells.

The role of time as a quantifiable variable of toxicity and the experimental conditions when Haber's $c \times t$ product can be observed: implications for therapeutics.

Associations of blood levels of PCB, HCHS, and HCB with numbers of lymphocyte subpopulations, in vitro lymphocyte response, plasma cytokine levels, and immunoglobulin autoantibodies.

Sulfated glycoconjugates are powerful modulators of bovine sperm adhesion and release from the oviductal epithelium in vitro.

Biological monitoring of occupational exposure to 1-bromopropane by means of urinalysis for 1-bromopropane and bromide ion.

Liver Cancer in Viet Nam: Risk Estimates of Viral Infections and Dioxin Exposure in the South and North Populations.

Oral versus intravenous iron supplementation in peritoneal dialysis patients.

Toxic effects of arsenic (III) on some hematopoietic and central nervous system variables in rats and guinea pigs.

Application of the nitroblue tetrazolium-reduction method for studies on the production of reactive oxygen species in insect haemocytes.

Cepharanthine activates caspases and induces apoptosis in Jurkat and K562 human leukemia cell lines.

Measurement of plasma metabolites of (S)-5-[123I]iodo-3-(2-azetidylmethoxy)pyridine (5-IA-85380), a nicotinic acetylcholine receptor imaging agent, in nonhuman primates.

Metabolic fate of [14C]-ethanol into endothelial cell phospholipids including platelet-activating factor, sphingomyelin and phosphatidylethanol.

Modulation of cell adhesion and viability of cultured murine bone marrow cells by arsenobetaine, a major organic arsenic compound in marine animals.

Inhalation toxicity studies of the alpha,beta-unsaturated ketones: 2-cyclohexene-1-one.

Health risks posed by use of Di-2-ethylhexyl phthalate (DEHP) in PVC medical devices: a critical review.

Pretreatment of whole blood for use in immunochromatographic assays for hepatitis B virus surface antigen.

Relationship between flow rate and NO production in postnatal mesenteric arteries.

Associations between laboratory parameters and outcome of paraquat poisoning.

Glycosuria in organophosphate and carbamate poisoning.

Relapsing pancytopenia following exposure and re-exposure to cyanamide.

Acute and repeated vapor exposure toxicology of 3-(methylthio)propionaldehyde.

The antioxidant ebselen prevents neurotoxicity and clinical symptoms in a primate model of Parkinson's disease.

Purification and characterization of diquat (1,1'-ethylene-2, 2'-dipyridylum)-metabolizing enzyme from paraquat-resistant rat liver cytosol.

Cytogenetic studies of three triazine herbicides. II. In vivo micronucleus studies in mouse bone marrow.

Genotoxic effect of substituted phenoxyacetic acids.

Evaluation of the genotoxic and cytochrome P450 monooxygenase-inhibitory potential of Dicuran on procaryotic and eucaryotic test systems.

[Paraquat poisoning. A study of 29 cases and evaluation of the effectiveness of the "Caribbean scheme"].

Cancer mortality in four northern wheat-producing states.

Clinical presentations and prognostic factors of a glyphosate-surfactant herbicide intoxication: a review of 131 cases.

Effect of chlorinated hydrocarbons on expression of cytochrome P450 1A1, 1A2 and 1B1 and 2- and 4-hydroxylation of 17beta-estradiol in female Sprague-Dawley rats.

In vivo cytokine production and resistance to infection after acute exposure to 3,4-dichloropropionaniline.

Subchronic toxicity of chlorpropham (CIPC) in ICR mice.

The non-mevalonate isoprenoid biosynthesis of plants as a test system for new herbicides and drugs against pathogenic bacteria and the malaria parasite.

[Pentachlorophenol poisoning. Report of 4 cases and review of the literature].

Cholinesterase activity and hematological parameters as biomarkers of sublethal molinate exposure in *Anguilla anguilla*.

Increased lymphocyte replicative index following 2,4-dichlorophenoxyacetic acid herbicide exposure.

Effects of L-2-oxothiazolidine-4-carboxylate on the cytotoxic activity and toxicity of cyclophosphamide in mice bearing B16F10 melanoma liver metastases.

Acute metobromuron poisoning with severe associated methemoglobinemia. Identification of four metabolites in plasma and urine by LC-DAD, LC-ESI-MS, and LC-ESI-MS-MS.

[A cluster of doubts].

[An evaluation of the effect of 2,4-dichlorophenoxyacetic acid derivatives on humoral and cellular immunities].

A fatal case of chlorate poisoning: confirmation by ion chromatography of body fluids.

Quantitative determination of paraquat in a fatal intoxication by HPLC-DAD following chemical reduction with sodium borohydride.

Ligation of the bronchial artery in sheep attenuates early pulmonary changes following exposure to smoke.

Detection of micronuclei in haemocytes of zebra mussel and great ramshorn snail exposed to pentachlorophenol.

Detection of 2,4-dichlorophenoxyacetic acid (2,4-D) residues in neonates breast-fed by 2,4-D exposed dams.

Genotoxicity of paraquat: micronuclei induced in bone marrow and peripheral blood are inhibited by melatonin.

A new diquat derivative appropriate for colourimetric measurements of biological materials in the presence of paraquat.

Clinical effects and plasma concentration determination after 2,4-dichlorophenoxyacetic acid 200 mg/kg administration in the dog.

Mechanisms of toxicity, clinical features, and management of acute chlorophenoxy herbicide poisoning: a review.

The expression of surface markers on dendritic cells as indicators for the sensitizing potential of chemicals.

Ethanol potentiates hypoxic liver injury: role of hepatocyte Na(+) overload.

Time course of changes in endothelium-dependent and -independent relaxation of chronically diabetic aorta: role of reactive oxygen species.

Reactive oxygen species-specific mechanisms of drug resistance in paraquat-resistant acute myelogenous leukemia sublines.

Evaluation of a novel antimicrobial polymer for the control of porcine postweaning colibacillosis.

Inhibition of cellular action of thrombin by N3-cyclopropyl-7-[[4-(1-methylethyl)phenyl]methyl]-7H-pyrrolo[3, 2-f]quinazoline-1,3-diamine (SCH 79797), a nonpeptide thrombin receptor antagonist.

Acute ethanol decreases NPY mRNA but not POMC mRNA in the arcuate nucleus.

PCP in the blood plasma: current exposure of the population in Germany, based on data obtained in 1998.

MPP(+) injection into rat substantia nigra causes secondary glial activation but not cell death in the ipsilateral striatum.

Xenobiotic-mediated production of superoxide by primary cultures of rat cerebral endothelial cells, astrocytes, and neurones.

[Toxicity of anti-herbicide gene (BAR) transgenic rice].

Induction of rat hepatic aryl sulfotransferase (SULT1A1) gene expression by triamcinolone acetonide: impact on minoxidil-mediated hypotension.

Role of megalin (gp330) in transcytosis of thyroglobulin by thyroid cells. A novel function in the control of thyroid hormone release.

Dose-dependent effects on tissue distribution and metabolism of dimethylarsinic acid in the mouse after intravenous administration.

In vitro genotoxicity of terbutryn evaluated by the alkaline single-cell microgel-electrophoresis "comet" assay.

Catalase activity in human erythrocytes: effect of phenoxyherbicides and their metabolites.

Multiple respiratory bursts as a response to veratrate stress in *Rhodococcus erythropolis* cells.

The genetic toxicity of 3,3',4,4'-tetrachloroazobenzene and 3,3',4,4'-tetrachloroazoxybenzene: discordance between acute mouse bone marrow and subchronic mouse peripheral blood micronucleus test results.

Liver tumor-promoting activity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in TCDD-sensitive and TCDD-resistant rat strains.

Sensitivity of the SRBC PFC assay versus ELISA for detection of immunosuppression by TCDD and TCDD-like congeners.

Short-term developmental outcome of iron prophylaxis in infants.

Nonspecific stimulation of the maternal immune system. I. Effects On teratogen-induced fetal malformations.

Spinotrapezius muscle microcirculatory function: effects of surgical exteriorization.

[Membrane disorder and free radical].

[Diagnosis of acute poisoning].

Elective coronary and valve surgery without blood transfusion in patients treated with recombinant human erythropoietin (epoetin-alpha).

The impact of weekly iron supplementation on the iron status and growth of adolescent girls in Tanzania.

Protective effects of herbimycin A on hepatic reperfusion injury.

Cyanate as a hemolytic factor.

Src homology 2 domain substitution modulates the kinase and transforming activities of the Fes protein-tyrosine kinase.

Iron deficiency due to excessive therapeutic phlebotomy in hemochromatosis.

Punctate keratoderma-like lesions on the palms and soles in a patient with chloracne: a new clinical manifestation of dioxin intoxication?

Daily iron supplementation is more effective than twice weekly iron supplementation in pregnant women in Pakistan in a randomized double-blind clinical trial.

Effects of dioxin and estrogen on collagenase-3 in UMR 106-01 osteosarcoma cells.

Are ferric compounds useful in treatment of iron deficiency anemia?

Antenatal dexamethasone enhances surfactant protein synthesis in the hypoplastic lung of nitrofen-induced diaphragmatic hernia in rats.

Central versus peripheral mediation of naloxone's perfusion effects in endotoxic rats.

Selective involvement of reactive oxygen intermediates in platelet-activating factor-mediated activation of NF-kappaB.

Novel oxime derivatives of radicicol induce erythroid differentiation associated with preferential G(1) phase accumulation against chronic myelogenous leukemia cells through destabilization of Bcr-Abl with Hsp90 complex.

Effect of prenatal tetrandrine therapy on pulmonary vascular structural remodeling in the nitrofen-induced CDH rat model.

[Prophylaxis of anemia of prematurity with erythropoietin. Case control study].

Immunological and in-vivo neurological studies on a benzoic acid-specific T cell-derived antigen-binding molecule from the serum of a toluene-sensitive patient.

Changes in free and esterified cholesterol: hallmarks of acute renal tubular injury and acquired cytoresistance.

Stretch-dependent modulation of contractility and growth in smooth muscle of rat portal vein.

Rapid inhibition by sodium azide of the phosphoinositide-mediated calcium response to serotonin stimulation in human platelets: preservation in Alzheimer's disease.

Acquired progressive kinking of the hair in a Japanese girl.

Alterations of the rat mesentery vasculature in experimental diabetes.

Negative regulation of FcepsilonRI signaling by FcgammaRII costimulation in human blood basophils.

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) is associated with hyperinsulinemia and insulin resistance.

Subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin modulates the pathophysiology of endometriosis in the cynomolgus monkey.

Dietary protection by iron against clastogenic effects of short-term exposure to arsenic in mice in vivo.

Redistribution of accumulated 2,3,7,8-tetrachlorodibenzo-p-dioxin during coxsackievirus B3 infection in the mouse.

Effect of daily and intermittent iron supplementation on iron status of high school girls.

Quantitative analysis of tyrosinase transcripts in blood.

Antiplatelet therapy alters iron requirements in hemodialysis patients.

Iron requirements in pregnancy and strategies to meet them.

Dinitrophenol, cyclosporin A, and trimetazidine modulate preconditioning in the isolated rat heart: support for a mitochondrial role in cardioprotection.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin induces developmental defects in the rat vagina.

A method to study apoptosis in eosinophils by flow cytometry.

The t(1;12)(q21;p13) translocation of human acute myeloblastic leukemia results in a TEL-ARNT fusion.

Preconditioning-induced neuroprotection is mediated by reactive oxygen species.

"Difficult-to-treat" asthma-like symptoms in a 12-yr-old atopic female.

Ligation of IgE receptors causes an anaphylactic response and neutrophil infiltration but does not induce eosinophilic inflammation in mice.

Childhood cancer in the offspring of male sawmill workers occupationally exposed to chlorophenate fungicides.

Effects of erythropoietin therapy on iron absorption in chronic renal failure.

Iron supplementation affects the production of pro-inflammatory cytokines in IL-10 deficient mice.

Effect of adenosine on adenosine triphosphate-sensitive potassium channel during hypoxia in rat hippocampal neurons.

Response to replacement iron therapy in sideropenic individuals with recrudescing herpes labialis.

Astrocytes generate isoprostanes in response to trauma or oxygen radicals.

Active movement of T cells away from a chemokine.

Role of manganese-containing superoxide dismutase in oxidative stress and virulence of *Streptococcus pneumoniae*.

Seveso Women's Health Study: a study of the effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on reproductive health.

Transfer factors: identification of conserved sequences in transfer factor molecules.

[An analysis of the immunity indices of patients with iron-deficiency anemia].

Studies on the in vitro phototoxicity of the antidiabetes drug glipizide.

The effectiveness of weekly iron supplementation in pregnant women of rural northern Malawi.

Arsenite, arsenate and vanadate affect human erythrocyte membrane.

Parkinson's disease mortality and pesticide exposure in California 1984-1994.

Photobiological properties of nabumetone (4-[6-methoxy-2-naphthalenyl]-2-butanone), a novel non-steroidal anti-inflammatory and analgesic agent.

Improved selective, simple, and contrast staining of acidophilic neurons with vanadium acid fuchsin.

Second primary neoplasms following non-Hodgkin's lymphoma in New South Wales, Australia.

Blockade of adenosine triphosphate-sensitive potassium channels by thiamylal in rat ventricular myocytes.

Effect of TCDD on maternal toxicity and chorionic gonadotropin--bioactivity in the immediate post-implantation period of macaque.

In vivo treatment of mutant FLT3-transformed murine leukemia with a tyrosine kinase inhibitor.

Iron supplementation improves endurance after training in iron-depleted, nonanemic women.

Effect of iron therapy on the whole blood platelet aggregation in infants with iron deficiency anemia.

Iron supplementation in goitrous, iron-deficient children improves their response to oral iodized oil.

Trypsin stimulates integrin alpha(5)beta(1)-dependent adhesion to fibronectin and proliferation of human gastric carcinoma cells through activation of proteinase-activated receptor-2.

Organophosphates and their impact on the global environment.

Toxic action/toxicity.

Efficacy and acceptability of two iron supplementation schedules in adolescent school girls in Lima, Peru.

Effects of TCDD on thyroid hormone homeostasis in the rat.

Effect of helicobacter pylori eradication on sideropenic refractory anaemia in adolescent girls with Helicobacter pylori infection.

Mechanisms of parenchymal cell death in-vivo after microvascular hemorrhage.

Serum alters the uptake and relative potencies of halogenated aromatic hydrocarbons in cell culture bioassays.

Anemia: a cause of intolerance to thyroxine sodium.

Regional differences in hypoxic depolarization and swelling in hippocampal slices.

Differential effect of antiallergic drugs on IgE-mediated cutaneous reaction in passively sensitized mice.

Geographic variation in hematological variables in adult and pre fledgling herring gulls (*Larus argentatus*) and possible associations with organochlorine exposure.

Mass psychogenic illness attributed to toxic exposure at a high school.

Serum leptin levels in patients with sideropenic and pernicious anemia: the influence of anemia treatment.

Morphologic, biochemical and molecular mitochondrial changes during reperfusion phase following brief renal ischemia.

Environmental exposure to polychlorinated biphenyls (PCBs) and dioxins. Consequences for longterm neurological and cognitive development of the child lactation.

Infusion of total dose iron versus oral iron supplementation in ambulatory peritoneal dialysis patients: a prospective, cross-over trial.

Effect of iron salts, haemosiderins, and chelating agents on the lymphocytes of a thalassaemia patient without chelation therapy as measured in the comet assay.

The hypoplastic heart in congenital diaphragmatic hernia: reduced expression of basic fibroblast growth factor and platelet-derived growth factor.

Prognostic significance of anemia and role of erythropoietin in radiation therapy.

Iron status in breast-fed full-term infants.

Treatment of iron deficiency anemia and associated protein-losing enteropathy in children.

Cytokine-inducing activity and antitumor effect of a liposome-incorporated interferon-gamma-inducing molecule derived from OK-432, a streptococcal preparation.

Administration of antenatal glucocorticoids upregulates peptide growth factor gene expression in nitrofen-induced congenital diaphragmatic hernia in rats.

Serum dioxin level in relation to diabetes mellitus among Air Force veterans with background levels of exposure.

Intradialytic removal of protein-bound uraemic toxins: role of solute characteristics and of dialyser membrane.

Effects of iron salts and haemosiderin from a thalassaemia patient on oxygen radical damage as measured in the comet assay.

Lipid alterations in transient forebrain ischemia: possible new mechanisms of CDP-choline neuroprotection.

Calpain-mediated proteolytic cleavage of troponin I induced by hypoxia or metabolic inhibition in cultured neonatal cardiomyocytes.

Evaluation of beta-galactosidase activity in tissue in the presence of blood.

Human toxicokinetics of inhaled monochlorobenzene: latest experimental findings regarding re-evaluation of the biological tolerance value.

A single dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin produces a time- and dose-dependent alteration in the murine bone marrow B-lymphocyte maturation profile.

Evaluation of leukocyte adhesion on polyurethanes: the effects of shear stress and blood proteins.

Chronic toxicity of arsenic in goats: clinicobiochemical changes, pathomorphology and tissue residues.

Investigations on the mutagenicity of 1,4-dichlorobenzene and its main metabolite 2,5-dichlorophenol in vivo and in vitro.

Differential effects of estrogen and progesterone on AT(1) receptor gene expression in vascular smooth muscle cells.

Endotoxin (lipopolysaccharide)-induced nitric oxide production in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated Fischer rats: detection of nitrosyl hemoproteins by EPR spectroscopy.

Angiotensin II stimulates extracellular signal-regulated kinase activity in intact pressurized rat mesenteric resistance arteries.

Metabolism of lipid peroxidation product, 4-hydroxynonenal (HNE) in rat erythrocytes: role of aldose reductase.

Inhibition of dioxin effects on bone formation in vitro by a newly described aryl hydrocarbon receptor antagonist, resveratrol.

Hemodynamic dysfunction and cytochrome P4501A mRNA expression induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin during embryonic stages of lake trout development.

Proliferation of peripheral blood mononuclear cells increases riboflavin influx.

Induction of c-Src in human blood monocytes by anti-CD98/FRP-1 mAb in an Sp1-dependent fashion.

Portosystemic shunting and persistent fetal vascular structures in aryl hydrocarbon receptor-deficient mice.

Arsenic metabolism in seaweed-eating sheep from Northern Scotland.

Determination of azide in blood and urine by gas chromatography-mass spectrometry.

Secretory phospholipase A2 receptor-mediated activation of cytosolic phospholipase A2 in murine bone marrow-derived mast cells.

The role of time in toxicology or Haber's $c \times t$ product.

Platelet-dependent modulation of polymorphonuclear leukocyte chemiluminescence.

TP receptor-mediated vasoconstriction in microperfused afferent arterioles: roles of $O_2(-)$ and NO.

Structure-activity relationships in the induction of DNA-protein cross-links by hematotoxic ring-opened benzene metabolites and related compounds in HL60 cells.

Molecular characterization and developmental expression of the aryl hydrocarbon receptor from the chick embryo.

In vivo singlet-oxygen generation in blood of chromium(VI)-treated mice: an electron spin resonance spin-trapping study.

Bioavailability and intestinal absorption of aluminum in rats: effects of aluminum compounds and some dietary constituents.

Health effects of chronic exposure to polychlorinated dibenzo-P-dioxins (PCDD), dibenzofurans (PCDF) and coplanar PCB (Co-PCB) of municipal waste incinerator workers.

Color and toxicity removal following tyrosinase-catalyzed oxidation of phenols.

Analysis of hydroxylated metabolites of PCBs (OH-PCBs) and other chlorinated phenolic compounds in whole blood from Canadian Inuit.

Excretion of hexachlorobenzene and metabolites in feces in a highly exposed human population.

Effects of arsenic on blast transformation and DNA synthesis of human blood lymphocytes.

The aryl hydrocarbon receptor has a role in the in vivo maturation of murine bone marrow B lymphocytes and their response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Two different types of nonthrombogenic surfaces: PEG suppresses platelet adhesion ATP-independently but HEMA-St block copolymer requires ATP consumption of platelets to prevent adhesion.

Pathological changes of hepatic artery and portal vein, after allyl-alcohol and carbon tetrachloride administration. An experimental study.

Purification, characterization, and localization of an ATP diphosphohydrolase in porcine kidney.

Gonadotropin-releasing hormone (GnRH) partially reverses the inhibitory effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on ovulation in the immature gonadotropin-treated rat.

Orosomucoid has a cAMP-dependent effect on human endothelial cells and inhibits the action of histamine.

Chlorinated dibenzo-p-dioxins and dibenzofurans and the human immune system: 3. Plasma immunoglobulins and cytokines of workers with quantified moderately-increased body burdens.

Mechanism of enhancement by fucoidan and CNBr-fibrinogen digest of the activation of glu-plasminogen by tissue plasminogen activator.

Time course of arsenite-induced copper accumulation in rat kidney.

Dermal absorption and tissue disposition of 3,3',4,4'-tetrachlorobiphenyl (TCB) in an ex-vivo pig model: assessing the impact of dermal exposure variables.

Hemopoietic progenitor cells are sensitive targets of 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57BL/6J mice.

Hypoxia induces transcription of the plasminogen activator inhibitor-1 gene through genistein-sensitive tyrosine kinase pathways in vascular endothelial cells.

Tyrosine phosphorylation of the p85 subunit of phosphatidylinositol 3-kinase correlates with high proliferation rates in sublines derived from the Jurkat leukemia.

Novel priming compounds of cystathionine metabolites on superoxide generation in human neutrophils.

NTP Toxicology and Carcinogenesis Studies of Pyridine (CAS No. 110-86-1) in F344/N Rats, Wistar Rats, and B6C3F1 Mice (Drinking Water Studies).

Involvement of tyrosine kinase and phosphatidylinositol 3-kinase in phagocytosis by ascidian hemocytes.

Tyrosine-kinase dependent TGF-beta and extracellular matrix expression by mechanical stretch in vascular smooth muscle cells.

In-vivo and in-vitro evidence of a carrier-mediated efflux transport system for oestrone-3-sulphate across the blood-cerebrospinal fluid barrier.

Sensitivity analysis of a physiological model for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): assessing the impact of specific model parameters on sequestration in liver and fat in the rat.

ATP-stimulated c-fos and zif268 mRNA expression is inhibited by chemical hypoxia in a rat brain-derived type 2 astrocyte cell line, RBA-2.

The role of protein-tyrosine phosphorylation and gelatinase production in the migration and proliferation of smooth muscle cells.

Effects of polychlorinated dibenzofurans, biphenyls, and their mixture with dibenzo-p-dioxins on ovulation in the gonadotropin-primed immature rat: support for the toxic equivalency concept.

Experimental exposure of rat skin to methyl bromide: a toxicokinetic and histopathological study.

Elevated perfusion pressure upregulates endothelin-1 and endothelin B receptor expression in the rabbit carotid artery.

Systemic indicators of inorganic arsenic toxicity in four animal species.

Geldanamycin disrupts platelet-membrane structure, leading to membrane permeabilization and inhibition of platelet aggregation.

Enhancement of transport of D-melphalan analogue by conjugation with L-glutamate across bovine brain microvessel endothelial cell monolayers.

Hydroxy-urea protects erythrocytes against oxidative damage.

Influence of different hemodialysis membranes on red blood cell susceptibility to oxidative stress.

Platelet-activating factor activates mitogen-activated protein kinases through the activation of phosphatidylinositol 3-kinase and tyrosine kinase in human eosinophils.

Pressure-induced upregulation of preproendothelin-1 and endothelin B receptor expression in rabbit jugular vein in situ : implications for vein graft failure?

Less than 80% of absorbed iron is promptly incorporated into erythrocytes of infants.

[The effect of the amine salt of 2,4-dichlorophenoxyacetic acid on the cluster- and colony-forming capacity of the bone marrow and on the mononuclear phagocyte system].

Multiple logistic regression analysis of plasma paraquat concentrations as a predictor of outcome in 375 cases of paraquat poisoning.

Persistent health effects of dioxin contamination in herbicide production.

Immune parameters in biological monitoring of pesticide exposure: current knowledge and perspectives.

Butachlor is cytotoxic and clastogenic and induces apoptosis in mammalian cells.

The mammary tumor response in triazine-treated female rats: a threshold-mediated interaction with strain and species-specific reproductive senescence.

In vivo micronucleus assays on 2,4-dichlorophenoxyacetic acid and its derivatives.

Glutathione antagonized cyclophosphamide- and acrolein-induced cytotoxicity of PC3 cells and immunosuppressive actions in mice.

[Methemoglobinemia caused by accidental poisoning with metolachlor and metabromuron].

A comparison between toxicity tests using single species and a microbial process.

Effects of trifluralin on carp: biochemical and histological evaluation.

Long-term exposure to wood-preserving chemicals containing pentachlorophenol and lindane is related to neurobehavioral performance in women.

[Massive paraquat poisoning. Favorable course after treatment with n-acetylcysteine and early hemodialysis].

Pentachlorophenol exposure in women with gynecological and endocrine dysfunction.

Serum dioxin, insulin, fasting glucose, and sex hormone-binding globulin in veterans of Operation Ranch Hand.

An evaluation of the feasibility of using cytogenetic damage as a biomarker for alachlor exposure.

Dioxin exposure and human leukemias and lymphomas. Lessons from the Seveso accident and studies on industrial workers.

Eczematous erythroderma induced by cyanamide.

Selected phenolic compounds in cultivated plants: ecologic functions, health implications, and modulation by pesticides.

Content of 8-oxodG in chromosomal DNA of Sparus aurata fish as biomarker of oxidative stress and environmental pollution.

Model field study of Sumithion 50 EC and Fusilade S on pheasants.

Reproductive disturbance caused by an S-triazine herbicide in pigs.

Herbicides and adjuvants: an evolving view.

Thiobencarb toxicity and plasma AChE inhibition in the European eel.

Serological and biochemical follow-up in cattle naturally infected with *Fasciola hepatica*, and comparison with a climate model for predicting risks of fasciolosis.

Arsenic trioxide selectively induces acute promyelocytic leukemia cell apoptosis via a hydrogen peroxide-dependent pathway.

Enhanced potential for oxidative stress in hyperinsulinemic rats: imbalance between hepatic peroxisomal hydrogen peroxide production and decomposition due to hyperinsulinemia.

Paraquat elicited neurobehavioral syndrome caused by dopaminergic neuron loss.

Ethanol co-exposure increases lethality of allyl alcohol in male Sprague-Dawley rats.

[Features of the inhibition of catalase activity by 3-amino-1,2,4-triazole in erythrocytes and liver of rats with streptozotocin diabetes].

Daily injections of cyanamide enhance both ethanol-induced locomotion and brain catalase activity.

Metabolism of [(1)(4)C]prometryn in rats.

Transendothelial permeability changes induced by free radicals in an in vitro model of the blood-brain barrier.

[Effect of alcohol intoxication and aldehyde dehydrogenase inhibitors on lipid peroxidation in rat liver].

Metabolism of 7-fluoro-6-(3,4,5,6-tetrahydrophthalimido)-4-(2-propynyl)-2H-1,4-benzoxazin-3(4H)-one (S-53482, flumioxazin) in the rat: II. Identification of reduced metabolites.

[Synthesis, antimicrobial effects and adverse effects of new structures of urea, hydrogen peroxide and tensides].

Studies on the callus cultures of *Ginkgo biloba* and its metabolites-ginkgolides.

[Dietary fiber inhibits the incidence of hepatic metastasis with the anti-oxidant activity and portal scavenging functions].

Expression of Ah receptor and dioxin-related genes in human uterine endometrium in women with or without endometriosis.

Study of the photochemical and in vitro phototoxicity of chlortalidone [2-chloro-5-(1-hydroxy-3-oxo-1-isoindolinyl)benzene sulfonamide].

Benzene and non-Hodgkin's lymphoma.

Oxidation of human catalase by singlet oxygen in myeloid leukemia cells.

Reactive oxygen species in essential hypertension and non-insulin-dependent diabetes mellitus.

Acute arsenic poisoning: clinical and histopathological features.

Apamin-sensitive conductance mediates the K(+) current response during chemical ischemia in CA3 pyramidal cells.

Taurine prevents high-glucose-induced human vascular endothelial cell apoptosis.

[Biological actions of acetaldehyde].

Species differences in arsenic-mediated renal copper accumulation: a comparison between rats, mice and guinea pigs.

Arsenic-induced oxidative stress and its reversibility following combined administration of N-acetylcysteine and meso 2,3-dimercaptosuccinic acid in rats.

Olestra increases faecal excretion of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Use of daily and weekly ferrous sulfate to treat anemic childbearing-age women].

Geldanamycin induces heat shock protein expression through activation of HSF1 in K562 erythroleukemic cells.

Blood lipid concentrations of dioxins and dibenzofurans causing chloracne.

Erosive injury to the upper gastrointestinal tract in patients receiving iron medication: an underrecognized entity.

Animal poisonings: the 10-year experience of a veterinary analytical toxicology laboratory.

Prenatal immunotoxicant exposure and postnatal autoimmune disease.

Cyclic nucleotide phosphodiesterases (PDE) 3 and 4 in normal, malignant, and HTLV-I transformed human lymphocytes.

Iron fortification with special reference to the role of iron EDTA.

[Occupational agents and endocrine function: an update of the experimental and human evidence].

Long term substitution and specific immune responses after transfer of bovine peripheral blood lymphocytes into severe combined immunodeficient mice.

Hypoxia induces renal tubular epithelial cell apoptosis in chronic renal disease.

Protection against cytotoxic effects of arsenic by dietary supplementation with crude extract of *Emblica officinalis* fruit.

Ferrous sulfate toxicity: a review of autopsy findings.

Balloon angioplasty induces heat shock protein 70 in human blood vessels.

Connective tissue responses to calcium hydroxide-based root canal medicaments.

Low-dose oral iron absorption test in anaemic patients with and without iron deficiency determined by bone marrow iron content.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on liver phosphoenolpyruvate carboxykinase (PEPCK) activity, glucose homeostasis and plasma amino acid concentrations in the most TCDD-susceptible and the most TCDD-resistant rat strains.

Fetal tracheal occlusion in the rat model of nitrofen-induced congenital diaphragmatic hernia.

Effectiveness of primary level antenatal care in decreasing anemia at term in Tanzania.

A monoclonal antibody reactive with a 40-kDa molecule on fetal thymocytes and tumor cells blocks proliferation and stimulates aggregation and apoptosis.

p44/42 mitogen-activated protein kinase is involved in the expression of ornithine decarboxylase in leukaemia L1210 cells.

Contribution of the nucleoside transport system to doxorubicin transport in HL60 cells but not in mononuclear cells.

Central control of blood pressure by nitrergic mechanisms in organum vasculosum laminae terminalis of rat brain.

Utilization of supplemental iron by premature infants fed fortified human milk.

74As-arsenate metabolism in Flemish Giant rabbits with renal insufficiency.

Occult gastrointestinal bleeding.

A chimeric aryl hydrocarbon receptor knockout mouse model indicates that aryl hydrocarbon receptor activation in hematopoietic cells contributes to the hepatic lesions induced by 2,3,7, 8-tetrachlorodibenzo-p-dioxin.

Role of Ras/ERK-dependent pathway in the erythroid differentiation of K562 cells.

Ferrous sulfate tolerance test: a case report.

[Sodium arsenite selectively inducing apoptosis of G2 + M phase NB4 cells].

[Anemia and its treatment with peroral anti-anemia agents in women during the postpartum period].

Randomized placebo-controlled trial of Helicobacter pylori eradication for iron-deficiency anemia in preadolescent children and adolescents.

Toxic equivalency factors of polychlorinated dibenzo-p-dioxins in an ovulation model: validation of the toxic equivalency concept for one aspect of endocrine disruption.

Heat shock protein expression protects against cerebral ischemia and monoamine overload in rat heatstroke.

4-chloro-m-cresol is a trigger of malignant hyperthermia in susceptible swine.

4-chloro-m-cresol triggers malignant hyperthermia in susceptible swine at doses greatly exceeding those found in drug preparations.

Delayed acute toxicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin (HpCDD), after oral administration, Obeyes Haber's rule of inhalation toxicology.

Toxicity of 3,3',4,4'-tetrachloroazoxybenzene in rats and mice.

Cytoplasmic elongation and rupture in megakaryoblastic leukemia cells via activation of adhesion and motility by staurosporine on fibronectin-bound substratum.

Prevention of cytotoxic effects of arsenic by short-term dietary supplementation with selenium in mice in vivo.

Toxicity of 3,3',4,4'-tetrachloroazobenzene in rats and mice.

Evaluation of diabetes mellitus, serum glucose, and thyroid function among United States workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Nitecapone inhibits myeloperoxidase in vitro and enhances functional performance after 8 h of ischemia in experimental heart transplantation.

The effects of low-flow ischemia on K⁺ fluxes in isolated rat hearts assessed by ⁸⁷Rb NMR.

Heat-shock protein-73 protects against small intestinal warm ischemia-reperfusion injury in the rat.

TCDD-induced anorexia and wasting syndrome in rats: effects of diet-induced obesity and nutrition.

Mechanisms of hypoxic vasodilatation of isolated rat mesenteric arteries: a comparison with metabolic inhibition.

Ex vivo evaluation of a Taylor-Couette flow, immobilized heparinase I device for clinical application.

Recombinant human erythropoietin alpha in the correction of anaemia in epidermolysis bullosa.

Cellular disposition of sulphamethoxazole and its metabolites: implications for hypersensitivity.

Protective effect of pirenoxine and U74389F on induced lipid peroxidation in mammalian lenses. An in vitro, ex vivo and in vivo study.

Establishment of a double Philadelphia chromosome-positive acute lymphoblastic leukemia-derived cell line, TMD5: effects of cytokines and differentiation inducers on growth of the cells.

A focused approach to anemia.

Effective treatment of murine leukemia with antisense poly-2'O-(2,4-dinitrophenyl)-oligoribonucleotides.

Effects of dioxins on human health: a review.

Plasmodium falciparum and Plasmodium yoelii: effect of the iron chelation prodrug dexrazoxane on in vitro cultures.

Arsenic speciation in human organs following fatal arsenic trioxide poisoning--a case report.

Dioxin-induced perturbations in tryptophan homeostasis in laboratory animals.

Bovine blood components: fractionation, composition, and nutritive value.

Human cytochrome P4501A2.

Effect of varied fermentation periods on the diabetogenic potential of toasted cassava granules.

Uremic ultrafiltrate inhibits platelet-activating factor synthesis.

Therapeutic values of different routes of administration of vitamin A with ferrous sulfate in treating deferoxamin-induced iron-deficiency anemia.

[Changes in lipid metabolism with the use of alcohol deterrent preparations].

Iron-mediated cardiotoxicity develops independently of extracellular hydroxyl radicals in isolated rat hearts.

Improved functional recovery of ischemic rat hearts due to singlet oxygen scavengers histidine and carnosine.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters cardiovascular and craniofacial development and function in sac fry of rainbow trout (*Oncorhynchus mykiss*).

Genotoxicity of iron compounds in *Salmonella typhimurium* and L5178Y mouse lymphoma cells.

Effect of exposure to 3,3',4,4',5-pentachlorobiphenyl (PCB 126) throughout gestation and lactation on development and spatial delayed alternation performance in rats.

Poly(ADP ribose) polymerase cleavage precedes neuronal death in the hippocampus and cerebellum following injury to the developing rat forebrain.

Diluted mainstream cigarette smoke condensates activate estrogen receptor and aryl hydrocarbon receptor-mediated gene transcription.

On the role of c-Jun in the induction of PAI-1 gene expression by phorbol ester, serum, and IL-1alpha in HepG2 cells.

Ubiquitinated aldolase B accumulates during starvation-induced lysosomal proteolysis.

Effects of environmental exposure to polychlorinated biphenyls and dioxins on cognitive abilities in Dutch children at 42 months of age.

Effect of overproduction of interleukin 5 on dinitrofluorobenzene-induced allergic cutaneous response in mice.

[Changes in the erythropoiesis in normal mice after transplantation of peritoneal cells from syngeneic donors with prolonged sodium arsenite intoxication].

Reversible alteration of morphology in an invertebrate erythrocyte: properties of the natural inducer and the cellular response.

Vascular endothelial growth factor activates MAP kinase and enhances collagen synthesis in human mesangial cells.

The sources, fate, and toxicity of chemical warfare agent degradation products.

Bone marrow stromal cell cytochrome P4501B1 is required for pre-B cell apoptosis induced by 7,12-dimethylbenz[a]anthracene.

Molecular cloning and characterization of a hemolymph clottable protein from tiger shrimp (*Penaeus monodon*).

The role of plasma semicarbazide-sensitive amine oxidase in allylamine and beta-aminopropionitrile cardiovascular toxicity: mechanisms of myocardial protection and aortic medial injury in rats.

The role of polycyclic aromatic hydrocarbon metabolism in dimethylbenz[a]anthracene-induced pre-B lymphocyte apoptosis.

NTP Toxicology and Carcinogenesis Studies of Triethanolamine (CAS No. 102-71-6) in F344 Rats and B6C3F1 Mice (Dermal Studies).

Myeloperoxidase-catalyzed redox-cycling of phenol promotes lipid peroxidation and thiol oxidation in HL-60 cells.

Molecular cloning and characterization of a birch pollen minor allergen, Bet v 5, belonging to a family of isoflavone reductase-related proteins.

Trimethylamine oxide transport across plasma membranes of elasmobranch erythrocytes.

Acute peroxide treatment of rat hippocampal slices induces adenosine-mediated inhibition of excitatory transmission in area CA1.

Identification and immunolocalization of two isoforms of ATP-diphosphohydrolase (ATPDase) in the pig immune system.

Identification of two penicillin-binding multienzyme complexes in *Haemophilus influenzae*.

[Significance of urinary concentrations of S-benzyl-N-acetylcysteine (S-BMA) in subjects exposed to toluene].

Maintenance of GPIIb-IIIa avidity supporting "irreversible" fibrinogen binding is energy-dependent.

Estimating amounts of toluene inhaled by workers with protective mask using biological indicators of toluene.

Induction of negative regulators of haematopoiesis in human bone marrow cells by HLA-DR cross-linking.

Oral phosphate binders: phosphate binding capacity of iron (III) hydroxide complexes containing saccharides and their effect on the urinary excretion of calcium and phosphate in rats.

Flow cytometric procedure to detect apoptosis of bovine polymorphonuclear leukocytes in blood.

Hair concentrations of calcium, iron, and zinc in pregnant women and effects of supplementation.

Nitric oxide acts as a postsynaptic signaling molecule in calcium/calmodulin-induced synaptic potentiation in hippocampal CA1 pyramidal neurons.

Stimulation of Na⁺-K⁺-2Cl⁻ cotransport by arsenite in ferret erythrocytes.

Mechanisms of D-aspartate release under ischemic conditions in mouse hippocampal slices.

Expression and activity of cyclic and linear analogues of esculentin-1, an anti-microbial peptide from amphibian skin.

Phytase improves iron bioavailability for hemoglobin synthesis in young pigs.

Immunotargeting of glucose oxidase: intracellular production of H₂O₂ and endothelial oxidative stress.

Thrombin inhibits active sodium-potassium transport in porcine lens.

Cortical NADH during pharmacological manipulations of the respiratory chain and spreading depression in vivo.

In vivo and in vitro evidence of blood-brain barrier transport of a novel cationic arginine-vasopressin fragment 4-9 analog.

Reference values and human biological monitoring values for environmental toxins. Report on the work and recommendations of the Commission on Human Biological Monitoring of the German Federal Environmental Agency.

Factors affecting organochlorine contaminant concentrations in milk and blood of northern fur seal (*Callorhinus ursinus*) dams and pups from St. George Island, Alaska.

Choline uptake by mouse brain capillary endothelial cells in culture.

Hypoxic hypometabolism in the anesthetized turtle, *Trachemys scripta*.

Role of O⁶-alkylguanine-DNA alkyltransferase in protecting against cyclophosphamide-induced toxicity and mutagenicity.

Uptake of vitamin A in macrophages from physiologic transport proteins: role of retinol-binding protein and chylomicron remnants.

Activation of Akt/protein kinase B after stimulation with angiotensin II in vascular smooth muscle cells.

Heterocycle-peptide hybrid compounds. Aminotriazole-containing agonists of the thrombin receptor (PAR-1).

Gender difference in baroreflex-mediated bradycardia in young rats: role of cardiac sympathetic and parasympathetic components.

[Analysis of all PCB congeners in breast milk and blood of Yusho patients].

Cellular signalling and free-radical modulating activities of the novel peptidomimetic L-glutamyl-histamine.

Superficial buffer barrier and preferentially directed release of Ca²⁺ in canine airway smooth muscle.

Thrombospondin-1 induces tyrosine phosphorylation of adherens junction proteins and regulates an endothelial paracellular pathway.

Pasteurella haemolytica leukotoxin and endotoxin induced cytokine gene expression in bovine alveolar macrophages requires NF-kappaB activation and calcium elevation.

Active transport of fentanyl by the blood-brain barrier.

Polychlorinated dibenzo-p-dioxins and related compounds: correlations of levels in human tissues and in blood.

Dioxin and dibenzofuran concentrations in adipose tissue of a general population from Tarragona, Spain.

Cross-talk between the aryl hydrocarbon receptor and hypoxia inducible factor signaling pathways. Demonstration of competition and compensation.

Sequences within fibrinogen and intercellular adhesion molecule-1 (ICAM-1) modulate signals required for mitogenesis.

NTP Toxicology and Carcinogenesis Studies of Pentachlorophenol (CAS NO. 87-86-5) in F344/N Rats (Feed Studies).

Mechanisms for regulating platelet high density lipoprotein type3 binding sites: evidence that binding sites are downregulated by a protein kinase C-dependent mechanism.

Human immunodeficiency virus-1 infection requires pertussis toxin sensitive G-protein-coupled signalling and mediates cAMP downregulation.

Regulation of cytochrome P4501B1 (CYP1B1) in mouse embryo fibroblast (C3H10T1/2) cells by protein kinase C (PKC).

Investigation of a whole blood fluidized bed Taylor-Couette flow device for enzymatic heparin neutralization.

Central nervous system effects of intranasally administered insulin during euglycemia in men.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin or 2,2',4,4',5,5'-hexachlorobiphenyl on vitamin K-dependent blood coagulation in male and female WAG/Rij-rats.

Regulation of IL-8RA (CXCR1) expression in polymorphonuclear leukocytes by hypoxia/reoxygenation.

Dioxin and dibenzofuran concentrations in blood of a general population from Tarragona, Spain.

Low-density lipoprotein enhances platelet secretion via integrin-alphaIIb beta3-mediated signaling.

Hydride-Meisenheimer complex formation and protonation as key reactions of 2,4,6-trinitrophenol biodegradation by *Rhodococcus erythropolis*.

Prevention of reactive oxygen-induced endothelial cell injury by blocking its process.

Prophenoloxidase from brown shrimp (*Penaeus californiensis*) hemocytes.

A comparison of 1H8- and 2H8-toluene toxicokinetics in men.

Chronic dietary toxicity study on 2,4-dichlorophenoxybutyric acid in the dog.

Cytogenetic characteristics of herbicide production workers in Ufa.

The nature of antioxidant defense mechanisms: a lesson from transgenic studies.

Airspace configuration at different transpulmonary pressures in normal and paraquat-induced lung injury in rats.

Acute 2,4-D poisoning in tench (*Tinca tinca* L.): lesions in the hematopoietic portion of the kidney.

The role of glutathione S-transferases as a defense against reactive electrophiles in the blood vessel wall.

Urinary excretion and pharmacokinetics of acrolein and its parent drug cyclophosphamide in bone marrow transplant patients.

Lack of genotoxicity of the herbicide atrazine in cultured human lymphocytes.

Two cases of glufosinate poisoning with late onset convulsions.

The organochlorine herbicide chloridazon interacts with cell membranes.

Paraquat: a useful tool for the in vivo study of mechanisms of neuronal cell death.

Effects of the pesticides carbofuran, chlorpyrifos, dimethoate, lindane, triallate, trifluralin, 2,4-D, and pentachlorophenol on the metabolic endocrine and reproductive endocrine system in ewes.

Reproductive effects in mink (*Mustela vison*) exposed to the pesticides Lindane, Carbofuran and Pentachlorophenol in a multigeneration study.

Effects of G6PD overexpression in NIH3T3 cells treated with tert-butyl hydroperoxide or paraquat.

Second follow-up of a Dutch cohort occupationally exposed to phenoxy herbicides, chlorophenols, and contaminants.

Blood lipid concentrations of dioxins and furans in a sample of BASF employees included in the IARC registry of workers exposed to phenoxy acid herbicides and/or chlorophenols.

Exposure to Agent Orange and occurrence of soft-tissue sarcomas or non-Hodgkin lymphomas: an ongoing study in Vietnam.

Acute 2,4-dichlorophenoxyacetic acid intoxication in broiler chicks.

Melatonin reduces paraquat-induced genotoxicity in mice.

[An Italian multicenter case-control study on malignant neoplasms of the hematolymphopoietic system. Hypothesis and preliminary results on work-related risks. WILL (Working Group on Hematolymphopoietic Malignancies in Italy)].

Acute paraquat poisoning: increased toxicity in one case with high alcohol intake.

Effects of edifenphos and glyphosate on the immune response and protein biosynthesis of bolti fish (*Tilapia nilotica*).

Aneuploidy induced by dimethylarsinic acid in mouse bone marrow cells.

Effect of 2,4-dichlorophenoxyacetic acid, trifluralin and triallate herbicides on immune function.

In vivo studies on genotoxicity of a soil fumigant, dazomet.

Micronuclei analysis in lymphocytes of pesticide sprayers from Concepción, Chile.

Regional vulnerability to endogenous and exogenous oxidative stress in organotypic hippocampal culture.

Chlorinated hydrocarbons in women with repeated miscarriages.

Pulmonary arterioles from rats with congenital diaphragmatic hernias are hypoplastic but not hyperresponsive.

Chloracne and morbidity after dioxin exposure (preliminary results).

Nitro blue tetrazolium inhibits but does not mimic hypoxic vasoconstriction in isolated rabbit lungs.

Feeding fish oil to rats accelerates the metabolism of hexachlorobenzene.

Cytotoxic metabolites produced by a fungal strain from a Sargassum alga.

Quantitative cancer risk assessment for dioxins using an occupational cohort.

Exposure to dioxin and nonneoplastic mortality in the expanded IARC international cohort study of phenoxy herbicide and chlorophenol production workers and sprayers.

Effect of pentachlorophenol on immune function.

Chemical speciation of arsenic in serum of uraemic patients.

Erythrocyte antioxidant systems protect cultured endothelial cells against oxidant damage.

Microtubules in Plasmodium falciparum merozoites and their importance for invasion of erythrocytes.

Response of the NAD(P)H-oxidising flavohaemoglobin (Hmp) to prolonged oxidative stress and implications for its physiological role in Escherichia coli.

Headspace solid-phase microextraction and gas chromatographic determination of dinitroaniline herbicides in human blood, urine and environmental water.

Herbicide residues in leaves of Erythroxylum coca var. coca plants treated with soil-applied tebuthiuron and hexazinone.

Exposure to inorganic arsenic metabolites during early human development.

Differential xenobiotic induction of CYP2A5 in mouse liver, kidney, lung, and olfactory mucosa.

Reaffirmation that metabolism of polyamines by bovine plasma amine oxidase occurs strictly at the primary amino termini.

Cultured renal epithelial cells from birds and mice: enhanced resistance of avian cells to oxidative stress and DNA damage.

Oxidative stress and hypoxia/reoxygenation trigger CD95 (APO-1/Fas) ligand expression in microglial cells.

Clusterin protects against oxidative stress in vitro through aggregative and nonaggregative properties.

Electronic spin resonance detection of superoxide and hydroxyl radicals during the reductive metabolism of drugs by rat brain preparations and isolated cerebral microvessels.

Determination of chlorpyrifos, chlorpyrifos oxon, and 3,5,6-trichloro-2-pyridinol in rat and human blood.

Periplasmic copper-zinc superoxide dismutase protects *Haemophilus ducreyi* from exogenous superoxide.

Experimental study of oxidative DNA damage.

Expression of mucin-associated sulfo-Lea carbohydrate epitopes on human colon carcinoma cells.

Antihypertensive and vasodilator actions of antioxidants in spontaneously hypertensive rats.

Concentrated cresol intoxication.

Enantiomers of flurbiprofen can distinguish key pathophysiological steps of NSAID enteropathy in the rat.

Correlation analysis of pesticide use data and cancer incidence rates in California counties.

Influence of aromatic hydrocarbon receptor-mediated events on the genotoxicity of cigarette smoke condensate.

Induction of heat shock protein-73 reduces ischemia-reperfusion injury in rat small intestine.

PKC and tyrosine kinase involvement in amyloid beta (25-35)-induced chemotaxis of microglia.

Serum transferrin receptor and transferrin receptor-ferritin index identify healthy subjects with subclinical iron deficits.

Heat shock proteins: protective effect and potential therapeutic use (review).

Low-dose oral iron absorption test: establishment of a reference interval.

Quantitation of CD38 expression using QuantiBRITE beads.

Effects of environmental exposure to polychlorinated biphenyls and dioxins on birth size and growth in Dutch children.

Pathways for eosinophil lipid body induction: differing signal transduction in cells from normal and hypereosinophilic subjects.

Lipopolysaccharide-induced desensitization of junB gene expression in a mouse macrophage-like cell line, P388D1.

Genotoxicity in workers exposed to methyl bromide.

Sensitivity of reticulocyte indices to iron therapy in an intensely training athlete.

Altered regulation of L-type channels by protein kinase C and protein tyrosine kinases as a pathophysiologic effect in retinal degeneration.

Binding of the epoxide cryptophycin analog, LY355703 to albumin and its effect on in vitro antiproliferative activity.

Heat shock protein expression protects against death following exposure to heatstroke in rats.

Diagnosis of von Willebrand disease type 2N: a simplified method for measurement of factor VIII binding to von Willebrand factor.

P-selectin mediates adhesion of the human melanoma cell line NKI-4: identification of glycoprotein ligands.

Activation of MMP-2 by human GCT23 giant cell tumour cells induced by osteopontin, bone sialoprotein and GRGDSP peptides is RGD and cell shape change dependent.

Subchronic/chronic toxicity of a mixture of four chlorinated dibenzo-p-dioxins in rats. I. Design, general observations, hematology, and liver concentrations.

Role of tyrosine phosphorylation in leptin activation of ATP-sensitive K⁺ channels in the rat insulinoma cell line CRI-G1.

Suppression of multidrug resistance via inhibition of heat shock factor by quercetin in MDR cells.

Occupational exposures, animal exposure and smoking as risk factors for hairy cell leukaemia evaluated in a case-control study.

Transgenic mice with elevated level of CuZnSOD are highly susceptible to malaria infection.

Effects of glucose deprivation, chemical hypoxia, and simulated ischemia on Na⁺ homeostasis in rat spinal cord astrocytes.

[Immunotoxicology in occupational and environmental medicine: prospectives, limitations, and research objectives].

Identification of deoxy-D-fructosyl phosphatidylethanolamine as a non-enzymic glycation product of phosphatidylethanolamine and its occurrence in human blood plasma and red blood cells.

Respiratory and cardiovascular effects of the mu-opioid receptor agonist [Lys7]dermorphin in awake rats.

Atherogenic lipoproteins enhance mesangial cell expression of platelet-derived growth factor: role of protein tyrosine kinase and cyclic AMP-dependent protein kinase A.

Determinant analysis of IgE and IgG4 antibodies and T cells specific for bovine alpha(s)1-casein from the same patients allergic to cow's milk: existence of alpha(s)1-casein-specific B cells and T cells characteristic in cow's-milk allergy.

Iron nutritional status is improved in Brazilian preterm infants fed food cooked in iron pots.

Transgene expression kinetics after transfection with cationic phosphonolipids in hematopoietic non adherent cells.

[Clinical experience with iron supplementation in pregnancy].

Bioavailability of the iron formulated as natural ferric protein (TM/FMOA) and natural ferric protein + folic acid (TM/FMOA+FOL).

Estimation of the cumulated exposure to polychlorinated dibenzo-p-dioxins/furans and standardized mortality ratio analysis of cancer mortality by dose in an occupationally exposed cohort.

The Seveso studies on early and long-term effects of dioxin exposure: a review.

Activation of tissue-factor gene expression in breast carcinoma cells by stimulation of the RAF-ERK signaling pathway.

Prevention of iron-deficiency anemia: comparison of high- and low-iron formulas in term healthy infants after six months of life.

Inhibition of vascular and epithelial differentiation in murine nitrofen-induced diaphragmatic hernia.

Protein kinase C activity is required for aryl hydrocarbon receptor pathway-mediated signal transduction.

Epidermal growth factor protects neuronal cells in vivo and in vitro against transient forebrain ischemia- and free radical-induced injuries.

Herbimycin A accelerates the induction of apoptosis following etoposide treatment or gamma-irradiation of bcr/abl-positive leukaemia cells.

Arsenate toxicity in human erythrocytes: characterization of morphologic changes and determination of the mechanism of damage.

A computer-aided 3-D geometry of acute and chronic zonal necrosis: three-D tangent counting applied in an attempt to re-examine the structure of the human liver.

Plasma hydrogen peroxide production in hypertensives and normotensive subjects at genetic risk of hypertension.

Parvovirus B19 infection and unresponsiveness to erythropoietin therapy in haemodialysis patients.

Role of altered arachidonic acid metabolism in 2,3,7, 8-tetrachlorodibenzo-p-dioxin-induced immune suppression in C57Bl/6 mice.

Microangiopathic hemolytic anemia as a complication of diabetes mellitus.

Hypoferremia, absent bone marrow macrophage iron, and microcytic anemia with minimal response to iron therapy: an acquired disorder of iron metabolism.

Quantitative assessment of color vision impairment in workers exposed to toluene.

Effective utilization of erythropoietin with intravenous iron therapy.

Dioxin exposure and non-malignant health effects: a mortality study.

Acute intoxication with trichloroethene: clinical symptoms, toxicokinetics, metabolism, and development of biochemical parameters for renal damage.

A useful method to evaluate bone resorption inhibitors, using osteoclast-like multinucleated cells.

Role of protein tyrosine phosphorylation in etoposide-induced apoptosis and NF-kappa B activation.

[Management of hydatid disease of the lung].

Endotracheal inhalatory sodium nitroprusside in severely hypoxic newborns.

An unusual exposure to methyl bromide leading to fatality.

Tyro 3 receptor tyrosine kinase and its ligand, Gas6, stimulate the function of osteoclasts.

Environmental and occupational aspects on the etiology of non-Hodgkin's lymphoma.

Protective effects of nicaraven, a new hydroxyl radical scavenger, on the endothelial dysfunction after exposure of pig coronary artery to hydroxyl radicals.

The absorption of iron, calcium, phosphorus, magnesium, copper and zinc in the jejunum-ileum of control and iron-deficient rats.

Effect of prenatal glucocorticoids on pulmonary vascular muscularisation in nitrofen-induced congenital diaphragmatic hernia.

Collagens in the liver extracellular matrix bind hepatocyte growth factor.

Use of Mfu-galactoside enzymatic activity as ecotoxicological endpoint on rainbow trout red blood cells.

Current approaches toward chemical mixture studies at the National Institute of Environmental Health Sciences and the U.S. National Toxicology Program.

Bone marrow stromal cells constitutively express high levels of cytochrome P4501B1 that metabolize 7,12-dimethylbenz[a]anthracene.

Transient and prolonged increase in endothelial permeability induced by histamine and thrombin: role of protein kinases, calcium, and RhoA.

Anaphylatoxins C5a and C3a induce nuclear factor kappaB activation in human peripheral blood monocytes.

Calcium is required for quasi-lipoxygenase activity of hemoproteins.

The EC domains of human fibrinogen₄₂₀ contain calcium binding sites but lack polymerization pockets.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the lymphatic absorption of a single oral dose of [3H]retinol and on the intestinal retinol esterification in the rat.

Involvement of tyrosine phosphorylation and protein kinase C in the activation of phospholipase D by H₂O₂ in Swiss 3T3 fibroblasts.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazoxybenzene (CAS No. 21232-47-3) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazobenzene (CAS No. 14047-09-7) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

Hepatobiliary transport kinetics of HSR-903, a new quinolone antibacterial agent.

Cytochrome P450 1B1: a major P450 isoenzyme in human blood monocytes and macrophage subsets.

Purification from bovine serum of a survival-promoting factor for cultured central neurons and its identification as selenoprotein-P.

Invasion of aortic and heart endothelial cells by *Porphyromonas gingivalis*.

Angiotensin II-stimulated collagen gel contraction by heart fibroblasts: role of the AT1 receptor and tyrosine kinase activity.

Fibronectin stimulates transcription of the platelet-derived growth factor beta-receptor in cultured rat aortic smooth muscle cells.

Further studies on Zn²⁺-mediated domain-domain communication in human erythrocyte band 3.

2,3,7,8-Tetrachlorodibenzo-p-dioxin in pregnant Long Evans rats: disposition to maternal and embryo/fetal tissues.

Partitioning of dioxins, dibenzofurans, and coplanar PCBS in blood, milk, adipose tissue, placenta and cord blood from five American women.

Decrease in levels and body burden of dioxins, dibenzofurans, PCBS, DDE, and HCB in blood and milk in a mother nursing twins over a thirty-eight month period.

Postnatal exposure to chlorinated dioxins and related chemicals on thyroid hormone status in Japanese breast-fed infants.

Effect of herbimycin A on tyrosine kinase receptors and platelet derived growth factor (PDGF)-induced signal transduction.

Contaminants in eggs of colonial waterbirds and hepatic cytochrome P450 enzyme levels in pipped tern embryos, Washington State.

Regulation of adenyl cyclase activity in human peripheral blood mononuclear cells: effects of protein kinase inhibitors and of a calcium ionophore.

Cyclophosphamide cystitis as a model of visceral pain in rats: a c-fos and Krox-24 study at telencephalic levels, with a note on pituitary adenylate cyclase activating polypeptide (PACAP).

Interleukin 3 prevents delayed neuronal death in the hippocampal CA1 field.

Quantitative low-dose assessment of seafood toxin, domoic acid, in the rat brain: application of physiologically-based pharmacokinetic (PBPK) modeling.

Secretion of a Fungal Extracellular Catalase by *Claviceps purpurea* During Infection of Rye: Putative Role in Pathogenicity and Suppression of Host Defense.

Full-spreading platelets induced by the recombinant rhodostomin are via binding to integrins and correlated with FAK phosphorylation.

Elucidation of the amino acid sequence of a crustacean hyperglycaemic hormone from the spiny lobster, *Jasus lalandii*.

Serum and urinary boron levels in rats after single administration of sodium tetraborate.

Subchronic/chronic toxicity of a mixture of four chlorinated dibenzo-p-dioxins in rats. II. Biochemical effects.

Enhancement by copper, zinc superoxide dismutase of DNA damage and mutagenicity with hydrogen peroxide.

Human in vivo and in vitro hydroquinone topical bioavailability, metabolism, and disposition.

Radiation inactivation suggests that human multidrug resistance-associated protein 1 occurs as a dimer in the human erythrocyte membrane.

Mycobacterium tuberculosis mannose-capped lipoarabinomannan can induce NF-kappaB-dependent activation of human immunodeficiency virus type 1 long terminal repeat in T cells.

Hydrogen peroxide activates mitogen-activated protein kinases and Na⁺-H⁺ exchange in neonatal rat cardiac myocytes.

Metabolism of inorganic arsenic in children with chronic high arsenic exposure in northern Argentina.

Hypotonic-stimulated taurine efflux in skate erythrocytes: regulation by tyrosine phosphatase activity.

Erythrocyte defenses against hydrogen peroxide: the role of ascorbic acid.

AMPA receptor mediated excitotoxicity in neocortical neurons is developmentally regulated and dependent upon receptor desensitization.

Interleukin 1beta and interleukin 6, but not tumor necrosis factor alpha, inhibit insulin-stimulated glycogen synthesis in rat hepatocytes.

Profiles of Great Lakes critical pollutants: a sentinel analysis of human blood and urine. The Great Lakes Consortium.

Similarities in the metabolism of alloxan and dehydroascorbate in human erythrocytes.

A selective historical review of congener-specific human tissue measurements as sensitive and specific biomarkers of exposure to dioxins and related compounds.

Occupational exposure to dioxins by thermal oxygen cutting, welding, and soldering of metals.

PCDD/PCDF indoor exposure in day-care centers and PCDD/PCDF blood concentrations of female employees.

Immune cell functions in industrial workers after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: dissociation of antigen-specific T-cell responses in cultures of diluted whole blood and of isolated peripheral blood mononuclear cells.

Immunologic findings in workers formerly exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin and its congeners.

Expression of functional aromatic hydrocarbon receptor and aromatic hydrocarbon nuclear translocator proteins in murine bone marrow stromal cells.

The effects of serum iminodipeptides and prednisolone on superoxide generation and tyrosyl phosphorylation of proteins in neutrophils from a patient with prolidase deficiency.

Flow cytometric analyses in embryogenic and non-embryogenic callus lines of *Cyclamen persicum* Mill.: relation between ploidy level and competence for somatic embryogenesis.

[Assay for oxidative stress injury by detection of luminol-enhanced chemiluminescence in a freshly obtained blood sample: a study to follow the time course of oxidative injury].

The effect of tyrosine kinase inhibitors on IgE-mediated histamine release from human lung mast cells and basophils.

Effects of some thiol chelators on enzymatic activities in blood, liver and kidneys of acute arsenic (III) exposed mice.

Differential involvement of tyrosine and serine/threonine kinases in platelet integrin α IIb β 3 exposure.

Alterations in human B cell calcium homeostasis by polycyclic aromatic hydrocarbons: possible associations with cytochrome P450 metabolism and increased protein tyrosine phosphorylation.

Regulation of sulfotransferase gene expression by glucocorticoid hormones and xenobiotics in primary rat hepatocyte culture.

Cell-specific differences in the susceptibility of potential cellular targets of human origin derived from blood and lung following treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

[Effect on the microbicidal efficacy of formaldehyde, glutardialdehyde, peracetic acid, chloramine T (N-chloro-4-toluenesulfonamide), m-cresol, ethanol and benzyldimethyldodecacylammonium bromide by blood (model experiments for chemical disinfection of instruments)].

Ets-1 is an early response gene activated by ET-1 and PDGF-BB in vascular smooth muscle cells.

Accumulation of ascorbate by endocrine-regulated and glucose-sensitive transport of dehydroascorbic acid in luteinized rat ovarian cells.

Na⁺-dependent and phlorizin-inhibitable transport of glucose and cycasin in brain endothelial cells.

Metabolic Study of Isoproturon in Goats Following a Single Oral Administration: Toxicokinetics and Recovery.

Mixed effects of 2,6-dithiopurine against cyclophosphamide mediated bladder and lung toxicity in mice.

Vascular endothelial growth factor/vascular permeability factor enhances vascular permeability via nitric oxide and prostacyclin.

IL1 β and TNF α Induction of Monocyte Chemoattractant Protein-1 (MCP-1/JE) in Bone Marrow Stromal Cells: The Role of Protein Kinase C (PKC) and Protein Tyrosine Kinase (PTK) Activity.

3,4 Dichloroaniline-haemoglobin adducts in humans: preliminary data on agricultural workers exposed to propanil.

Modulating effects of thyroid state on the induction of biotransformation enzymes by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of potassium antimony tartrate on rat erythrocyte phosphofructokinase activity.

Drug metabolizing enzyme activities and superoxide formation in primary and immortalized rat brain endothelial cells.

Determining sodium azide concentration in blood by ion chromatography.

S-p-toluymercapturic acid in the urine of workers exposed to toluene: a new biomarker for toluene exposure.

Uncouplers of mitochondrial oxidative phosphorylation are not substrates of the erythrocyte glutathione-S-conjugate pump.

Mortality of power workers exposed to phenoxy herbicides and polychlorinated biphenyls in waste transformer oil.

Male pesticide exposure and pregnancy outcome.

Respiratory symptoms, spirometry and chronic occupational paraquat exposure.

Haemoperfusion treatment in pigs experimentally intoxicated by paraquat.

Hemotoxicity of chlorpropham (CIPC) in F344 rats.

A review of epidemiologic studies of triazine herbicides and cancer.

Laryngeal survey in glyphosate intoxication: a pathophysiological investigation.

Cyanamide-induced granulocytopenia.

Sex-dependent differences in the disposition of 2,4-dichlorophenoxyacetic acid in Sprague-Dawley rats, B6C3F1 mice, and Syrian hamsters.

Cardiovascular effects of a herbicide containing glufosinate and a surfactant: in vitro and in vivo analyses in rats.

Effect of roundup and tordon 202C herbicides on antibody production in mice.

Propanil poisoning.

The oral and intratracheal toxicities of ROUNDUP and its components to rats.

In vivo studies on genotoxicity of pure and commercial linuron.

Pesticides and cancer.

Serum dioxin and diabetes mellitus in veterans of Operation Ranch Hand.

A fatal case of drinking and cyanamide intake.

Detection of drugs and poisons in postmortem tissues--determination of paraquat in tissues of rabbits buried underground.

Effects of dichlobenil on ultrastructural morphology and cell replication in the mouse olfactory mucosa.

Increased levels of PCP in blood can lead to severe T lymphocyte dysfunction.

Evaluation of renal function in rhesus monkeys and comparison to beagle dogs following oral administration of the organic acid triclopyr (3,5,6-trichloro-2-pyridinyloxyacetic acid).

Enhanced cytotoxicity of alkyl viologens and N,N'-diamino analogs toward cultured murine leukemia L1210 cells under vortex-stirring with a high molecular weight polyacrylic acid.

Effects of a diphenyl-ether herbicide, oxyfluorfen, on human BFU-E/CFU-E development and haemoglobin synthesis.

[Environmental pollution, human exposure and its health effect of sodium pentachlorophenate in schistosomiasis prevalent area].

Neurotoxicity of paraquat and triphenyltin in the earthworm, *Eisenia fetida* Sav. A histo- and cytopathological study.

[Ultrastructural changes in the wall and microcirculatory bed of the small intestinal villi of rats exposed to organochlorine toxicant].

Analyses of exposure to polychlorinated dibenzo-p-dioxins, furans, and hexachlorocyclohexane and different health outcomes in a cohort of former herbicide-producing workers in Hamburg, Germany.

Genotoxic evaluation of the herbicide paraquat in cultured human lymphocytes.

Inhibition of intracellular Ca²⁺ signalling, cytotoxicity and antitumor activity of the herbicide oryzalin and its analogues.

[Retrospective study of morbidity in a group professionally exposed to chlorotriazine herbicides].

Comparison of HPLC and CE for the analysis of dichlorprop in a case of intoxication.

Genotoxicity of select herbicides in *Rana catesbeiana* tadpoles using the alkaline single-cell gel DNA electrophoresis (comet) assay.

In vivo genotoxicity of selected herbicides in the mouse bone-marrow micronucleus test.

Comparative pharmacokinetics of [14C]metosulam (N-[2,6-dichloro-3-methylphenyl]-5,7-dimethoxy-1,2,4-triazolo[1,5a]-pyrimidine-2-sulfonamide) in rats, mice and dogs.

Metabolism of arsenic after acute occupational arsine intoxication.

Protection against oxidative damage of erythrocyte membrane by the flavonoid quercetin and its relation to iron chelating activity.

Performance characteristics of combined haemodialysis/haemoperfusion system for removal of blood toxins.

Acceleration of hypertensive cerebral injury by the inhibition of xanthine-xanthine oxidase system in stroke-prone spontaneously hypertensive rats.

Antioxidant defense system in differentially hydrogen peroxide sensitive L5178Y sublines.

Pentachlorophenol dermal absorption and disposition from soil in swine: effects of occlusion and skin microorganism inhibition.

[Effect of activity of semicarbazide-sensitive aminooxidases and cellular glutathione on the cytotoxic effect of allylamine, acrolein, and formaldehyde in human cultured endothelial cells].

SlyA, a transcriptional regulator of *Salmonella typhimurium*, is required for resistance to oxidative stress and is expressed in the intracellular environment of macrophages.

[Study of magnetic microspheres for purging cancer cells from bone marrow. II. Preparation of polystyrene magnetic microspheres.].

Mustard oil and garlic extract as inhibitors of sodium arsenite-induced chromosomal breaks in vivo.

Entacapone, a novel catechol-O-methyltransferase inhibitor for Parkinson's disease, does not impair mitochondrial energy production.

Beta-estradiol protects hippocampal CA1 neurons against transient forebrain ischemia in gerbil.

Iron pre-load for major joint replacement.

Abrogation of IL-3 requirements and stimulation of hematopoietic cell proliferation in vitro and in vivo by carboxylic acids.

A collagen peptide motif activates tyrosine kinase-dependent calcium signalling pathways in human osteoblast-like cells.

Changes in collagen phenotypes during progression and regression of cardiac hypertrophy.

Newborn infants diagnosed as neurologically abnormal with relation to PCB and dioxin exposure and their thyroid-hormone status.

Effect of advanced glycation end product-modified albumin on tissue factor expression by monocytes. Role of oxidant stress and protein tyrosine kinase activation.

Use of estrogen therapy in a patient with gastrointestinal bleeding secondary to arteriovenous malformations.

Dioxin exposure and cancer risk: a 15-year mortality study after the "Seveso accident".

Mutational evidence for control of cell adhesion through integrin diffusion/clustering, independent of ligand binding.

Alterations in the developing immune system of the F344 rat after perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: II. Effects on the pup and the adult.

Absorption of iron from grape-molasses and ferrous sulfate: a comparative study in normal subjects and subjects with iron deficiency anemia.

Morphologic characteristics of endometriosis in the mouse model: application to toxicology.

Possible involvement of rapamycin-sensitive pathway in Bcl-2 expression in human neuroblastoma SH-SY5Y cells.

Production of iron-fortified bread employing some selected natural iron sources.

Lateral hypothalamic injection of GABA(A) antagonist induces gastric vagus-mediated hypocalcemia in the rat.

Iron supplementation in pregnancy: is less enough? A randomized, placebo controlled trial of low dose iron supplementation with and without heme iron.

Subchronic/chronic toxicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin (HpCDD) in rats. Part I. Design, general observations, hematology, and liver concentrations.

Markers of masked iron deficiency and effectiveness of EPO therapy in chronic renal failure.

Haemophilus somnus immunoglobulin binding proteins and surface fibrils.

Randomised placebo-controlled trial of iron supplementation and malaria chemoprophylaxis for prevention of severe anaemia and malaria in Tanzanian infants.

[Acute myeloblastic leukemia showing pronounced skin infiltration during administration of low-dose cytarabine and etoposide with granulocyte colony-stimulating factor].

Induction of apoptosis in megakaryocytic leukemia cell lines by MX2, a morpholino anthracycline.

Characterization of hydrogen peroxide removal activities in mouse hemolysates: catalase activity and hydrogen peroxide removal activity by hemoglobin.

Inhibition of clastogenic effects of arsenic through continued oral administration of garlic extract in mice in vivo.

Differential effects on TNF alpha production by pharmacological agents with varying molecular sites of action.

Estrogens attenuate neuronal injury due to hemoglobin, chemical hypoxia, and excitatory amino acids in murine cortical cultures.

HDL causes mesangial cell mitogenesis through a tyrosine kinase-dependent receptor mechanism.

Differential vulnerability of the CA1 and CA3 subfields of the hippocampus to superoxide and hydroxyl radicals in vitro.

Maintenance therapy with intravenous iron in hemodialysis patients receiving erythropoietin.

A novel derivatization of phenol after extraction from human serum using perfluorooctanoyl chloride for gas chromatography-mass spectrometric confirmation and quantification.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: effects on development of the male and female reproductive system of the mouse.

Membrane-bound protein disulfide isomerase (PDI) is involved in regulation of surface expression of thiols and drug sensitivity of B-CLL cells.

T cell responses to human type II collagen in patients with rheumatoid arthritis and healthy controls.

Brief communication: childhood leukemia in a residential small town near Barcelona.

Tyrosine phosphorylation is required for ehrlichial internalization and replication in P388D1 cells.

Role of bacterial Mn-cofactored superoxide dismutase in oxidative stress responses, nasopharyngeal colonization, and sustained bacteremia caused by Haemophilus influenzae type b.

Purification and partial sequencing of the XL-I form of xenobiotic-metabolizing medium chain fatty acid:CoA ligase from bovine liver mitochondria, and its homology with the essential hypertension protein.

Haematological and erythrocyte membrane changes induced by methacrylonitrile.

Cytosolic Ca²⁺ and protein kinase Calpha couple cellular metabolism to membrane K⁺ permeability in a human biliary cell line.

Iron deficiency anemia in children: prevalence and prevention studies in Ribeirão Preto, Brazil.

[Randomized multi-center trial of the administration of erythropoietin in anemia of prematurity].

Opposite effects of 2,2',4,4',5,5'-hexachlorobiphenyl and 2,3,7,8-tetrachlorodibenzo-p-dioxin on the antibody response to sheep erythrocytes in mice.

Effect of hepatic methyl donor status on urinary excretion and DNA damage in B6C3F1 mice treated with sodium arsenite.

Cytogenetic effects in human exposure to arsenic.

How long before resistance makes it impossible to control some field strains of Haemonchus contortus in South Africa with any of the modern anthelmintics?

Ferrous sulfate-induced increase in requirement for thyroxine in a patient with primary hypothyroidism.

P-Cresol, a uremic compound, enhances the uptake of aluminum in hepatocytes.

PET imaging of brain tumor with [methyl-¹¹C]choline.

Beta 2-integrin-mediated signal up-regulates counterreceptor ICAM-1 expression on human monocytic cell line THP-1 through tyrosine phosphorylation.

Calcium-induced bilirubin-dependent hemolysis of human erythrocytes.

Effects of iron salts in sucrose on dental caries and plaque in rats.

Correction of iron deficiency with an iron-fortified fluid whole cow's milk in children: results of a pilot study.

[Studies on mechanism of wasting syndrome in TCDD-intoxicated rats].

[Levels of PCDDs, PCDFs and coplanar PCBs in sebum and blood of Yusho patients].

Cell adhesion molecules and insulin-like growth factor-1 in vascular disease.

Altered intracellular distribution of daunorubicin in immature acute myeloid leukemia cells.

The carboxyl-terminal region of factor IX is essential for its secretion.

Effectiveness of iron therapy on breath-holding spells.

Establishment of a novel human acute myeloblastic leukemia cell line (YNH-1) with t(16;21), t(1;16) and 12q13 translocations.

Cancer mortality among rice growers in Novara Province, northern Italy.

Characterization of methemoglobin formation induced by 3,5-dichloroaniline, 4-amino-2,6-dichlorophenol and 3,5-dichlorophenylhydroxylamine.

Cancer risk assessment using blood dioxin levels and daily dietary TEQ intake in general populations of industrial and non-industrial countries.

Role of iron in ischemia-reperfusion oxidative injury of rat lungs.

AML1a but not AML1b inhibits erythroid differentiation induced by sodium butyrate and enhances the megakaryocytic differentiation of K562 leukemia cells.

Free radicals and the ischemia-evoked extracellular accumulation of amino acids in rat cerebral cortex.

Synthesis and antiproliferative and antiviral activity of carbohydrate-modified pyrrolo[2,3-d]pyridazin-7-one nucleosides.

Protective effect of captopril on ischemic myocardium.

Dioxin concentrations in women with endometriosis.

[Complete remission achieved by L-asparaginase, vincristine and prednisolone (LVP) therapy in secondary leukemia (M5a type) with an MLL gene rearrangement].

Tyrosine kinase signaling regulates Wiskott-Aldrich syndrome protein function, which is essential for megakaryocyte differentiation.

Sulfated sialyl Lewis X, the putative L-selectin ligand, detected on endothelial cells of high endothelial venules by a distinct set of anti-sialyl Lewis X antibodies.

Cytokines (IL-1beta and TNFalpha) in relation to biochemical and immunological effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats.

An in vitro test model for investigation of disinfection of dentinal tubules infected with *Enterococcus faecalis*.

BASF studies: epidemiological and clinical investigations on dioxin-exposed chemical workers.

Pesticides poisonings in clinical and medicolegal aspect.

Acute work-related poisoning by pesticides in The Netherlands; a one year follow-up study.

[Assessment of neurotoxic effects of methyl bromide in exposed workers].

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and congeners in infants. A toxicokinetic model of human lifetime body burden by TCDD with special emphasis on its uptake by nutrition.

Effect of source of iron on duodenal absorption of iron, calcium, phosphorous, magnesium, copper and zinc in rats with ferropenic anaemia.

Rheology of rat basophilic leukemia cells.

Contribution of ATP-sensitive potassium channels to hypoxic hyperpolarization in rat hippocampal CA1 neurons in vitro.

Continuous exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin inhibits the growth of surgically induced endometriosis in the ovariectomized mouse treated with high dose estradiol.

Cooperative inhibition of acetylcholinesterase activities by hexachlorophene in human erythrocytes.

Antithrombotic effects of the novel inhibitor of thrombin-induced offtelet aggregation and thrombus formation, 3-[2-[1,1':2',1'']-terphenyl-4'-yl)ethyl]phenoxyacetic acid.

Early life stage toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish (*Danio rerio*).

A novel energy dependent mechanism reducing daunorubicin accumulation in acute myeloid leukemia.

Cytochrome P450 1A1 induction in rat lymphoid tissues following in vivo and in vitro exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin requires protein kinase C.

Modification of hepatic drug-metabolizing enzymes in rats treated with alkyl sulfides.

Cardiovascular depressor responses to stimulation of substantia nigra and ventral tegmental area.

4-Coumaroyl coenzyme A 3-hydroxylase activity from cell cultures of *Lithospermum erythrorhizon* and its relationship to polyphenol oxidase.

Backbone structure and dynamics of a hemolymph protein from the mealworm beetle *Tenebrio molitor*.

On-line supported liquid membrane-liquid chromatography with a phenol oxidase-based biosensor as a selective detection unit for the determination of phenols in blood plasma.

Long-term primary cultures of adult human hepatocytes.

Tissue factor pathway inhibitor in endothelial cells colocalizes with glycolipid microdomains/caveolae. Regulatory mechanism(s) of the anticoagulant properties of the endothelium.

Energy-dependent expression of platelet-von Willebrand factor on the surface of unstimulated and stimulated platelets.

Stimulation of cytosolic phospholipase A2-catalyzed arachidonic acid liberation by low dose tert-butyl hydroperoxide without an influence on the enzyme activity in rabbit platelets.

Dissociation between the anti-aggregatory & anti-secretory effects of platelet integrin alpha IIb beta 3 (GPIIb/IIIa) antagonists, c7E3 and DMP728.

Glypican-3 is a binding protein on the HepG2 cell surface for tissue factor pathway inhibitor.

Aging and oxygen toxicity: Relation to changes in melatonin.

Percutaneous penetration of 2-phenoxyethanol through rat and human skin.

Subchronic/chronic toxicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin (HpCDD) in rats. Part II. Biochemical effects.

The stability of ethanol in human whole blood controls: an interlaboratory evaluation.

Enhancement of plasminogen binding and fibrinolysis by chloropeptin I.

Comparative genotoxicity of halogenated acetic acids found in drinking water.

The oncofetal J28 epitope involves fucosylated O-linked oligosaccharide structures of the fetoacinar pancreatic protein.

Serum transcriptionally regulates Na(+)-K(+)-ATPase gene expression in vascular smooth muscle cells.

Growing pains in South America.

Transport mechanisms of idarubicin, an anthracycline derivative, in human leukemia HL60 cells and mononuclear cells, and comparison with those of its analogs.

Characterization of intracellular calcium responses produced by polycyclic aromatic hydrocarbons in surface marker-defined human peripheral blood mononuclear cells.

Role of 3,4-dichlorophenyl methyl sulfone, a metabolite of o-dichlorobenzene, in the changes in hepatic microsomal drug-metabolizing enzymes caused by o-dichlorobenzene administration in rats.

Neurotoxicity of the 22 kDa thrombin-cleavage fragment of apolipoprotein E and related synthetic peptides is receptor-mediated.

Specific attenuation of the pressure-induced contraction of rat cerebral artery by herbimycin A.

Apoptotic cell death of erythrocytes in *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Differential effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin, bis(tri-n-butyltin) oxide and cyclosporine on thymus histophysiology.

Induction of heat shock proteins by tyrosine kinase inhibitors in rat cardiomyocytes and myogenic cells confers protection against simulated ischemia.

Internalization and down-regulation of the prostacyclin receptor in human platelets.

Aluminum citrate is transported from brain into blood via the monocarboxylic acid transporter located at the blood-brain barrier.

Endothelial cells protect vascular smooth muscle cells from H₂O₂ attack.

Differences in platelet-activating factor receptor mediated Ca⁺⁺ response between hamster and guinea pig alveolar macrophages.

Resazurin reduction as a function of respiratory burst in bovine neutrophils.

Carbonyl cyanide phenylhydrazones as probes of the anionic activator site of the human erythrocyte glutathione adduct transport ATPase.

Localization of human intestinal defensin 5 in Paneth cell granules.

The role of tyrosine phosphorylation in lipopolysaccharide- and zymosan-induced procoagulant activity and tissue factor expression in macrophages.

Differential effects of the tyrosine kinase inhibitors on collagen type 1-induced platelet aggregation and adhesion to this protein.

Functional requirement of the hypoxia-responsive element in the activation of the inducible nitric oxide synthase promoter by the iron chelator desferrioxamine.

Effects of TCDD on Ah receptor, ARNT, EGF, and TGF- α expression in embryonic mouse urinary tract.

Peroxidase-release associated with phagocytosis in *Mytilus galloprovincialis* haemocytes.

Induction of micronuclei in cultured human lymphocytes with the mixture of highly toxic organochlorine compounds retained in human body.

Injury-induced enzymatic methylation of aging collagen in the extracellular matrix of blood vessels.

Angiotensin II activates the beta 1 isoform of phospholipase C in vascular smooth muscle cells.

Thiocarbamate herbicide-inducible nonheme haloperoxidase of *Rhodococcus erythropolis* NI86/21.

Effect of cell density and epidermal growth factor on the inducible expression of CYP3A and CYP1A genes in human hepatocytes in primary culture.

Multiplicity of antioxidant enzyme catalase in mouse liver cells.

Correlation of 2,3,7,8-tetrachlorodibenzo-p-dioxin induction of cytochrome P4501A in vascular endothelium with toxicity in early life stages of lake trout.

[Determination of the selenomethionine content in grain and human blood].

Intracellular calcium buffering declines in aging adrenergic nerves.

Lipid extraction from blood and biological samples and concentrations of dioxin-like compounds.

[¹⁴C]cyanate labeling of sheep red cells: covalent binding to hemoglobin continues in vivo for a day.

Thrombin stimulates production of transforming growth factor- β by cultured human mesangial cells.

Increase of glycocalyx and altered lectin agglutination profiles of *Pasteurella haemolytica* A1 after incubation in bovine subcutaneous tissue chambers in vivo or in ruminant serum in vitro.

Activation of the aryl hydrocarbon receptor/transcription factor and bone marrow stromal cell-dependent preB cell apoptosis.

Cardiovascular effects of neurotensin microinjections into the nucleus of the solitary tract.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on tumor necrosis factor (TNF) production by peritoneal cells.

Plant regeneration from callus cultures of *Lithospermum erythrorhizon*.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) increases release of luteinizing hormone and follicle-stimulating hormone from the pituitary of immature female rats in vivo and in vitro.

Inhibitors of protein kinases and phosphatases alter root morphology and disorganize cortical microtubules.

Death following intentional methyl bromide poisoning: toxicological data and literature review.

Active efflux of the free acid form of the fluorescent dye 2',7'-bis(2-carboxyethyl)-5(6)-carboxyfluorescein in multidrug-resistance-protein-overexpressing murine and human leukemia cells.

Brain-to-blood active transport of beta-alanine across the blood-brain barrier.

Nitric oxide decreases intestinal haemorrhagic lesions in rat anaphylaxis independently of mast cell activation.

[Method of cyanogen bromide-fluorimetry determination of trace amount of selenomethionine in grain and blood].

Review and update of the results of the NIOSH medical study of workers exposed to chemicals contaminated with 2,3,7,8-tetrachlorodibenzodioxin.

Tumor necrosis factor beta is a major source of antibody-activated effector cells in the killing of virally infected target cells.

Polychlorinated dibenzo-p-dioxin and dibenzofuran levels and patterns in polyvinylchloride and chloralkali industry workers.

Reduced glutathione inhibits rabbit and rat skeletal muscle lactate dehydrogenase and prevents dinitrophenol induced extracellular acidification by an epithelial cell line.

Urinary excretion of ifosfamide, 4-hydroxyifosfamide, 3- and 2-dechloroethylifosfamide, mesna, and dimesna in patients on fractionated intravenous ifosfamide and concomitant mesna therapy.

Enhancement of plasminogen binding to U937 cells and fibrin by complestatin.

Fluid flow induces enhancement of the Egr-1 mRNA level in osteoblast-like cells: involvement of tyrosine kinase and serum.

Occupational chronic exposure to organic solvents. XVI. Ambient and biological monitoring of workers exposed to toluene.

Suspected herbicide toxicosis in a dog.

Interaction of 2,4-dichlorophenoxyacetic acid (2,4-D) with cell and model membranes.

Micronucleus induction by diuron in mouse bone marrow.

Genotoxic evaluation of the herbicide trifluralin on human lymphocytes exposed in vitro.

Histological changes in rat embryonic blood cells as a possible mechanism for ventricular septal defects produced by an N-phenylimide herbicide.

In vivo percutaneous absorption of acetochlor in the rhesus monkey: dose-response and exposure risk assessment.

Subchronic, developmental, and genetic toxicology studies with the ethane sulfonate metabolite of alachlor.

Comparative subchronic studies on 2,4-dichlorophenoxyacetic acid, amine, and ester in rats.

Acute, subchronic and chronic 2,4-dichlorophenoxyacetic acid (2,4-D) intoxication in rats.

Cellular target of cyclophosphamide toxicity in the murine liver: role of glutathione and site of metabolic activation.

Evaluation of the potential carcinogenicity and genetic toxicity to humans of the herbicide acetochlor.

Pesticide application and increased dioxin body burden in male and female agricultural workers in China.

Cancer incidence among alachlor manufacturing workers.

Comparative studies on the effects of herbicide atrazine on freshwater fish *Oreochromis niloticus* and *Chrysichthys auratus* at Assiut, Egypt.

Effects of Fuller's Earth and activated charcoal on oral absorption of paraquat in rabbits.

In vitro percutaneous absorption of model compounds glyphosate and malathion from cotton fabric into and through human skin.

Reactive oxygen and nitrogen intermediates and products from polyamine degradation are Babesiicidal in vitro.

Pulse therapy with cyclophosphamide and methylprednisolone in patients with moderate to severe paraquat poisoning: a preliminary report.

Effects of trifluralin and oryzalin on the human erythrocyte Ca-ATPase.

Cancer mortality in German male workers exposed to phenoxy herbicides and dioxins.

Protective effects of chlorogenic acid on paraquat-induced oxidative stress in rats.

Genotoxicity of the herbicides alachlor and maleic hydrazide in cultured human lymphocytes.

Experience with acute paraquat poisoning in Crete.

Serum biochemical changes associated with cystic ovarian degeneration in pigs after atrazine treatment.

Histological studies of atrazine toxicity on the thyroid gland in rats.

[Distribution of ventilation-perfusion ratios in paraquat-induced interstitial pneumonia in dogs].

[Fatal paraquat poisoning].

Construction of a physiologically based pharmacokinetic model for 2,4-dichlorophenoxyacetic acid dosimetry in the developing rabbit brain.

Comparative subchronic and chronic dietary toxicity studies on 2,4-dichlorophenoxyacetic acid, amine, and ester in the dog.

Effects of paraquat on mitochondrial electron transport system and catecholamine contents in rat brain.

Effect of dietary paraquat on a rat mutant unable to synthesize ascorbic acid.

Herbicide: fatal ammonium thiocyanate and aminotriazole poisoning.

Biotransformation of acrolein in rat: excretion of mercapturic acids after inhalation and intraperitoneal injection.

An interlaboratory evaluation of the Buehler test for the identification and classification of skin sensitizers.

In vivo and in vitro analysis of Bordetella pertussis catalase and Fe-superoxide dismutase mutants.

Effect of 3-aminotriazole on hyperthermia-mediated cardioprotection in rabbits.

Increased activity and sensitivity of mitochondrial respiratory enzymes to tumor necrosis factor alpha-mediated inhibition is associated with increased cytotoxicity in drug-resistant leukemic cell lines.

Cancer incidence in the rural community of Tecumseh, Michigan: a pattern of increased lymphopietic neoplasms.

Dioxins and dioxin-like chemicals in blood and semen of American Vietnam veterans from the state of Michigan.

Induction of micronuclei in haemocytes and gill cells of zebra mussels, Dreissena polymorpha, exposed to clastogens.

Spectrophotometric determination of hydrogen peroxide: catalase activity and rates of hydrogen peroxide removal by erythrocytes.

Identification of a novel growth-promoting factor with a wide target cell spectrum from various tumor cells as catalase.

The effects of chronic sidestream cigarette smoke exposure on eicosanoid production by tracheal epithelium.

Characterization of chlorinated adducts of hemoglobin and albumin following administration of pentachlorophenol to rats.

The flavohaemoglobin (HMP) of Escherichia coli generates superoxide in vitro and causes oxidative stress in vivo.

Assessment of the biochemical effects of percutaneous exposure of sulphur mustard in an in vitro human skin system.

Influence of age on the passage of paraquat through the blood-brain barrier in rats: a distribution and pathological examination.

Kinetic and spectroscopic properties of the cyanide complexes of ferrous haemoglobins I and IV from trout blood.

Increases in tissue levels of ubiquinone in association with peroxisome proliferation.

[Toxicologic risk assessment and prevention: rational and irrational approaches].

Different pathways in irritant contact eczema? Early differences in the epidermal elemental content and expression of cytokines after application of 2 different irritants.

Extraction and protein sequencing of immunoglobulin light chain from formalin-fixed cerebrovascular amyloid deposits.

Enforced expression of Bcl-XS induces differentiation and sensitizes chronic myelogenous leukemia-blast crisis K562 cells to 1-beta-D-arabinofuranosylcytosine-mediated differentiation and apoptosis.

Tetrahydrobiopterin biosynthesis enhanced by lipopolysaccharide stimulation in murine neuroblastoma cell line N1E-115.

Functional CD40 ligand expressed by human blood dendritic cells is up-regulated by CD40 ligation.

Interactive effects between 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,2',4,4',5,5'-hexachlorobiphenyl in female B6C3F1 mice: tissue distribution and tissue-specific enzyme induction.

Effects induced by feeding organochlorine-contaminated carp from Saginaw Bay, Lake Huron, to laying White Leghorn hens. II. Embryotoxic and teratogenic effects.

12-Lipoxygenase in A431 cells: genetic identity, modulation of expression, and intracellular localization.

Intravenous iron sucrose complex in the treatment of iron deficiency anemia during pregnancy.

Randomised study of cognitive effects of iron supplementation in non-anaemic iron-deficient adolescent girls.

Incidence rates of leukemias, lymphomas and myelomas in Italy: geographic distribution and NHL histotypes.

The heat-shock protein 70 family reduces ischemia/reperfusion injury in small intestine.

Asymptomatic giardiasis does not affect iron absorption in children with iron deficiency anemia.

Undersulfation of glycosaminoglycans reduces the proliferation of a leukemia cell line in vitro.

Acute cyanide poisoning: clinical spectrum, diagnosis, and treatment.

beta-Apo-8'-carotenal, but not beta-carotene, is a strong inducer of liver cytochromes P4501A1 and 1A2 in rat.

Fatal accident resulting from methyl bromide poisoning after fumigation of a neighbouring house; leakage through sewage pipes.

Cause specific mortality and cancer incidence among employees exposed to 2,3,7,8-TCDD after a 1953 reactor accident.

Exposures and health effects: an evaluation of workers at a sodium azide production plant.

Contribution of oxygen-sensitive neurons of the rostral ventrolateral medulla to hypoxic cerebral vasodilatation in the rat.

[The perioperative use of recombinant erythropoietin (rhEPO) in Jehovah's witnesses].

Chromium allergy in consecutive patients in a country where ferrous sulfate has been added to cement since 1981.

Epoetin alfa--focus on nutritional therapy. Case study of the anemic patient.

Farming, pesticide use and hairy-cell leukemia.

Use of four-colour flow cytometry to evaluate conjugate formation between human peripheral blood mononuclear cells and tumour target cells.

Correlation between selected environmental exposures and karyotype in acute myelocytic leukemia.

Does iron therapy benefit children with severe malaria-associated anaemia? A clinical trial with 12 weeks supplementation of oral iron in young children from the Turiani Division, Tanzania.

Monoclonal antibody to single-stranded DNA is a specific and sensitive cellular marker of apoptosis.

Cytokine-induced nitric oxide synthase gene transcription is blocked by the heat shock response in human liver cells.

Active involvement of catalase during hemolytic crises of favism.

Activation of mitogen activated protein kinase in dolichyl phosphate-induced apoptosis in U937 cells.

Inhibition of HSP70 expression by calcium ionophore A23187 in human cells. An effect independent of the acquisition of DNA-binding activity by the heat shock transcription factor.

Uncoupling of mitochondrial oxidative phosphorylation alters lipid peroxidation-derived free radical production but not recovery of postischemic rat hearts and post-hypoxic endothelial cells.

Transport mechanisms of anthracycline derivatives in human leukemia cell lines: uptake of pirarubicin, daunorubicin and doxorubicin by K562 and multidrug-resistant K562/ADM cells.

Diagnostic criteria for selenium toxicosis in aquatic birds: dietary exposure, tissue concentrations, and macroscopic effects.

Fetal globin expression in New World monkeys.

Nephrotoxicity of 4-amino-2-chlorophenol and 2-amino-4-chlorophenol in the Fischer 344 rat.

Activation of physiological cell death mechanisms by a necrosis-causing agent.

Target cell-induced apoptosis of interleukin-2-activated human natural killer cells: roles of cell surface molecules and intracellular events.

[Iron supplementation in Chilean Mapuche infants of the Cautin Province, Chile].

[Powdered milk enriched with iron and ascorbic acid as an intervention measure for treating iron deficiency anemia in children seen at a Basic Health Care Unit].

Decreased cerebral glucose utilization in rats during the ebb phase of thermal injury.

CD28-dependent killing by human YT cells requires phosphatidylinositol 3-kinase activation.

Iron deficiency and intestinal malabsorption in HIV disease.

Appropriateness of iron prescribing: a retrospective study.

Effects of polychlorinated biphenyl/dioxin exposure and feeding type on infants' mental and psychomotor development.

Role of decomposition products in sodium methyldithiocarbamate-induced immunotoxicity.

Dietary garlic extract in modifying clastogenic effects of inorganic arsenic in mice: two-generation studies.

Characterization of a chemical anoxia model in cerebellar granule neurons using sodium azide: protection by nifedipine and MK-801.

Synthesis of [¹¹C-methyl]-alpha-aminoisobutyric acid (AIB).

Subcutaneous epoetin alfa as an adjunct to autologous blood donation before elective coronary artery bypass graft surgery.

Perisurgical use of epoetin alfa in orthopedic surgery patients.

Epoetin alfa as an adjunct to autologous blood donation in patients with a low hematocrit scheduled for elective orthopedic surgery.

Potential of epoetin alfa in patients in autologous blood donation programs for orthopedic surgery.

Incidence and time trends for lymphomas, leukemias and myelomas: hypothesis generation. Working Group on the Epidemiology of Hematolymphopoietic Malignancies in Italy.

Microcytic anemia with iron malabsorption: an inherited disorder of iron metabolism.

Inhibition of Fc epsilon-RI-mediated activation of rat basophilic leukemia cells by Clostridium difficile toxin B (monoglucosyltransferase).

Identification of dioxin-responsive genes in Hep G2 cells using differential mRNA display RT-PCR.

Target-induced death by apoptosis in human lymphokine-activated natural killer cells.

[Action duality of nitrogen oxide (NO) in experimental African trypanosomiasis].

Glutathione transferase activity and formation of macromolecular adducts in two cases of acute methyl bromide poisoning.

TCDD-inducible plasminogen activator inhibitor type 2 (PAI-2) in human hepatocytes, HepG2 and monocytic U937 cells.

Membrane lipid peroxidation as a mechanism of sonodynamically induced erythrocyte lysis.

Recombinant human erythropoietin: effect on the functional performance of anemic orthopedic patients.

Surface expression of CD63 antigen (AD1 antigen) in P815 mastocytoma cells by transfected IgE receptors.

Glutathione S-transferase-pi is secreted as a monomer into human plasma by platelets and tumor cells.

Role of tyrosine phosphorylation in radiation-induced cell cycle-arrest of leukemic B-cell precursors at the G2-M transition checkpoint.

Intravenous iron supplementation for the treatment of the anemia of moderate to severe chronic renal failure patients not receiving dialysis.

Blood and air pollution: state of knowledge and research needs.

Specific induction of the 70-kD heat stress proteins by the tyrosine kinase inhibitor herbimycin-A protects rat neonatal cardiomyocytes. A new pharmacological route to stress protein expression?

Cell cycle defect in connection with oxygen and iron sensitivity in Fanconi anemia lymphoblastoid cells.

Activation of type I protein kinase A during receptor-mediated human T lymphocyte activation.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on humoral and cell-mediated immunity in Sprague-Dawley rats.

Bioavailability of microencapsulated ferrous sulfate in fluid milk studies in human beings.

Cytogenetic biomonitoring of pesticide-exposed farmers in central Italy.

GABA release is enhanced in mouse hippocampal slices in cell-damaging conditions.

Inhibition of the accumulation of uremic toxins in the blood and their precursors in the feces after oral administration of Lebenin, a lactic acid bacteria preparation, to uremic patients undergoing hemodialysis.

Occupational health data as a basis for process engineering changes: development of a safe work environment in the sodium azide industry.

Incomplete occlusion of central retinal artery in a girl with iron deficiency anemia.

Effects of canthaxanthin, astaxanthin, lycopene and lutein on liver xenobiotic-metabolizing enzymes in the rat.

Monoclonal antibody directed to a fibrinogen A alpha #529-539 epitope inhibits alpha-chain crosslinking by transglutaminases.

Effects of iron replenishment on iron, calcium, phosphorus and magnesium metabolism in iron-deficient rats.

Mechanism underlying the inhibitory effect of high calcium carbonate intake on iron bioavailability from ferrous sulphate in anaemic rats.

Pesticide applicators with mixed pesticide exposure: G-banded analysis and possible relationship to non-Hodgkin's lymphoma.

Antibodies released from immunoabsorbents: effect of support, activation and elution conditions.

[Separation of methotrexate-polyglutamates by capillary electrophoresis and its application to the measurement of gamma-glutamyl hydrolase activity in human leukemia cells in culture].

Effects of crude garlic extract on mouse chromosomes in vivo.

Transport mechanism of anthracycline derivatives in human leukemia cell lines: uptake and efflux of pirarubicin in HL60 and pirarubicin-resistant HL60 cells.

Structural characterization by mass spectrometry of hemoglobin adducts formed after in vivo exposure to methyl bromide.

Morbidity study of extruder personnel with potential exposure to brominated dioxins and furans. II. Results of clinical laboratory studies.

Herbimycin A down-regulates messages of cyclin D1 and c-myc during erythroid differentiation of K562 cells.

Heparin-binding domain of fibrin mediates its binding to endothelial cells.

Cyclosporine control of recipient lymphocyte traffic to the heart allograft.

Basal metabolism of intraperitoneally injected carrier-free ⁷⁴As-labeled arsenate in rabbits.

Binding of tissue factor pathway inhibitor to cultured endothelial cells-influence of glycosaminoglycans.

Coagulation factors VII and X induce Ca²⁺ oscillations in Madin-Darby canine kidney cells only when proteolytically active.

Toxic equivalence factors, problems and limitations.

[Bladder neoplasms and cyclophosphamide. Apropos of 3 cases and review of the literature].

Is the uptake of pefloxacin in human blood monocytes a simple diffusion process?

Effects induced by feeding organochlorine-contaminated carp from Saginaw Bay, Lake Huron, to laying White Leghorn hens. I. Effects on health of adult hens, egg production, and fertility.

Peroxy-nitrite augments fMLP-stimulated chemiluminescence by neutrophils in human whole blood.

Levels of PCDD/PCDF in blood fat as indices of the PCDD/PCDF body burden in humans.

2,3,7,8-TCDD induces cytochrome P450 enzyme activity but not proliferation or phenotypical changes in human peripheral blood lymphocytes.

Rapid distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) to embryonic tissues in C57BL/6N mice and correlation with palatal uptake in vitro.

Subchronic dispositional and toxicological effects of arsenate administered in drinking water to mice.

Molecular structure and antioxidant specificity of purpurogallin in three types of human cardiovascular cells.

Degradation of cross-linked fibrin by matrix metalloproteinase 3 (stromelysin 1): hydrolysis of the gamma Gly 404-Ala 405 peptide bond.

Bladder augmentation in the prevention of cyclophosphamide-induced haemorrhagic cystitis in the rat model.

Serum albumin is a specific inhibitor of apoptosis in human endothelial cells.

Toxic equivalency factors of polybrominated dibenzo-p-dioxin, dibenzofuran, biphenyl, and polyhalogenated diphenyl ether congeners based on rainbow trout early life stage mortality.

Mutation and Mutagenesis of thiol peroxidase of Escherichia coli and a new type of thiol peroxidase family.

The fifth epidermal growth factor-like domain of thrombomodulin does not have an epidermal growth factor-like disulfide bonding pattern.

Isolation and primary culture of rat cerebral microvascular endothelial cells for studying drug transport in vitro.

Rapid determination of in vivo and in vitro antibody responses by suspension hemolytic assay.

Anti-inflammatory properties of human serum IgA: induction of IL-1 receptor antagonist and Fc alpha R (CD89)-mediated down-regulation of tumour necrosis factor-alpha (TNF-alpha) and IL-6 in human monocytes.

Identification of the alpha chain lysine donor sites involved in factor XIIIa fibrin cross-linking.

Increased intracellular levels of calcitonin gene-related peptide-like immunoreactivity in pulmonary endocrine cells in an experimental model of congenital diaphragmatic hernia.

Interaction of zinc ions with human peripheral blood mononuclear cells.

Platelet-activating factor (PAF) induces the early tyrosine phosphorylation of focal adhesion kinase (p125FAK) in human endothelial cells.

Metabolic stress opens K⁺ channels in hepatoma cells through a Ca²⁺- and protein kinase calpha-dependent mechanism.

Effect of cystathionine and cystathionine metabolites on the phosphorylation of tyrosine residues in human neutrophils.

Tumor necrosis factor alpha-induced vascular leakage involves PECAM1 phosphorylation.

Pharmacological study of atypical beta-adrenoceptors in rat esophageal smooth muscle.

The reliability of the serum dioxin measurement in veterans of Operation Ranch Hand.

Effects of endothelial cells on activity of staphylokinase.

The effects of physical and chemical agents on the secretion and stability of a *Fusobacterium necrophorum* hemolysin.

Rapid cytotoxicity of human B lymphocytes induced by VH4-34 (VH4.21) gene-encoded monoclonal antibodies.

Sodium and chloride ion-dependent transport of beta-alanine across the blood-brain barrier.

Endothelin-1 induces tyrosine phosphorylation in human blood monocytes.

Thiol-induced hemoglobin oxidation.

Glutathione depletion in human erythrocytes and rat liver: a study on the interplay between bioactivation and inactivation functions of liver and blood.

An in vitro method for evaluating vascular endothelial ADPase activity.

Transduction mechanisms involved in thrombin receptor-induced nerve growth factor secretion and cell division in primary cultures of astrocytes.

Effect of active oxygen species scavengers on fibrinolytic activity of some proteinases.

Lyn and Fgr protein-tyrosine kinases prevent apoptosis during retinoic acid-induced granulocytic differentiation of HL-60 cells.

Differential induction of IL-1 beta and IL-6 production by the nontoxic lipid A from *Porphyromonas gingivalis* in comparison with synthetic *Escherichia coli* lipid A in human peripheral blood mononuclear cells.

Expression and release of the a and b subunits for human coagulation factor XIII in baby hamster kidney (BHK) cells.

Saturable transport of valproic acid in rat choroid plexus in vitro.

Persistence of decreased T-helper cell function in industrial workers 20 years after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Mechanism of endothelial cell shape change and cytoskeletal remodeling in response to fluid shear stress.

Disposition characteristics of plasmid DNA in the single-pass rat liver perfusion system.

Tyrosine kinase is required for long-term depression in the cerebellum.

Exposure of ligand-binding sites on platelet integrin alpha IIB/beta 3 by phosphorylation of the beta 3 subunit.

Mammalian plasma and tissue-bound semicarbazide-sensitive amine oxidases: biochemical, pharmacological and toxicological aspects.

Arsenic-copper interaction in the kidney of the rat: influence of arsenic metabolites.

Analytical findings in a suicide involving sodium azide.

[Conformational changes of the platelet membrane glycoprotein IIb-IIIa complex stimulated by a monoclonal antibody to the N-terminal segment of glycoprotein IIIa].

Role of Cu/Zn-superoxide dismutase in xenobiotic activation. II. Biological effects resulting from the Cu/Zn-superoxide dismutase-accelerated oxidation of the benzene metabolite 1,4-hydroquinone.

Induction of CYP1A1 and ALDH-3 in lymphoid tissues from Fisher 344 rats exposed to 2,3,7,8-tetrachlorodibenzodioxin (TCDD).

Mechanisms involved in eosinophil migration. Platelet-activating factor-induced chemotaxis and interleukin-5-induced chemokinesis are mediated by different signals.

Elimination of polychlorinated dibenzo-p-dioxins and dibenzofurans in occupationally exposed persons.

Carbohydrate induced modulation of cell membrane: II. Spin label study of fluidity changes in peripheral blood lymphocyte membrane.

The formation of a disulfide cross-link between the two subunits demonstrates the dimeric structure of the mitochondrial oxoglutarate carrier.

Comparative structural and functional features of the human fibrinogen alpha C domain and the isolated alpha C fragment. Characterization using monoclonal antibodies to defined COOH-terminal A alpha chain regions.

Differential ability of 2,4-dinitrophenol to modulate etoposide cytotoxicity in mammalian tumor cell lines associated with inhibition of macromolecular synthesis.

Decrease in milk and blood dioxin levels over two years in a mother nursing twins: estimates of decreased maternal and increased infant dioxin body burden from nursing.

3,3',4,4'-tetrachloroazobenzene absorption, disposition, and metabolism in male Fischer 344 rats.

Methyl bromide intoxication during grain store fumigation.

Stimulation of beta1 integrins on fibroblasts induces PDGF independent tyrosine phosphorylation of PDGF beta-receptors.

Lysophosphatidic acid-induced neurite retraction in PC12 cells: control by phosphoinositide-Ca²⁺ signaling and Rho.

Signaling by hemolytically inactive C5b67, an agonist of polymorphonuclear leukocytes.

Glutathionyl hydroquinone: a potent pro-oxidant and a possible toxic metabolite of benzene.

Haemoglobin adducts as biomarkers of exposure to the herbicides propanil and fluometuron.

Heparan sulfate proteoglycans function in the binding and degradation of vitronectin by fibroblast monolayers.

Micellar electrokinetic capillary chromatographic analysis of platelet activating factor in human blood by indirect ultraviolet detection.

Role of cell surface glycosaminoglycans of human T cells in human immunodeficiency virus type-1 (HIV-1) infection.

Oral iron absorption test in patients on CAPD: comparison of ferrous sulfate and a polysaccharide ferric complex.

Hemoglobin and DNA adduct formation in Fischer-344 rats exposed to 2,4- and 2,6-toluene diamine.

Dose-dependent kinetics and metabolism of 1,2-dichlorobenzene in rat: effect of pretreatment with phenobarbital.

Determination of two sites of automethylation in bovine erythrocyte protein (D-aspartyl/L-isoaspartyl) carboxyl methyltransferase.

Potential role of the peroxidase-dependent metabolism of serotonin in lowering the polymorphonuclear leukocyte bactericidal function.

Oxidative phenotype polymorphism (P450 2D6) and metabolism of toluene.

Regenerated cellulose-based hemodialyzers with immobilized proteins as potential devices for extracorporeal immunoabsorption procedures: an assessment of protein coupling capacity and in vitro dialysis performances.

Effect of arsenic and cadmium on the persistence of mutagen-induced DNA lesions in human cells.

Habitual and genetic factors that affect urinary background levels of biomarkers for organic solvent exposure.

A mechanistic model of effects of dioxin on thyroid hormones in the rat.

Endogenous reactive oxygen metabolites mediate sublethal endothelial cell dysfunction during reoxygenation.

Detoxification of paraquat poisoning: effects of carbohydrate sulfate, alkylsulfate and alkylsulfonate on active oxygen.

Intratracheally administered liposomal alpha-tocopherol protects the lung against long-term toxic effects of paraquat.

Subacute toxicity of urea herbicide, isoproturon, in male rats.

Enhancement of paraquat toxicity by glutathione depletion in mice in vivo and in vitro.

Recovery of respiratory function in survivors with paraquat intoxication.

An easy and economical method to prepare cells for cytologic analyses.

The effect of p-chloroaniline on leucocytes of sheep peripheral blood under the migration-inhibition test conditions.

Effects of acute 2,4-dichlorophenoxyacetic acid on cattle serum components and enzyme activities.

Genotoxicity of the herbicide butachlor in cultured human lymphocytes.

Herbicide-induced DNA damage in human lymphocytes evaluated by the single-cell gel electrophoresis (SCGE) assay.

Effects of pentachlorophenol and biotic interactions on soil fauna and decomposition in humus soil.

[Paraquat poisoning. Treatment and prognosis].

Impaired in-vitro lymphocyte responses in patients with elevated pentachlorophenol (PCP) blood levels.

Chelation of organoarsenate with dimercaptosuccinic acid.

Toxicity of cotoran (fluometuron) in Desert sheep.

Serum biochemical and histopathological changes related to the hepatic function in pigs following atrazine treatment.

The effects of subchronic chlorate exposure in Sprague-Dawley rats.

The action of the herbicide paraquat on somatic and germ cells of mice.

Agent Orange and the Vietnamese: the persistence of elevated dioxin levels in human tissues.

Paraquat and diquat interference in the analysis of creatinine by the Jaffé reaction.

A 2,4-dichlorophenoxyacetic acid induced fatality.

[The effect of bentazone TP, an herbicide, on hematologic indicators in sheep during acute and subchronic poisoning].

[Herbicides and neoplasms of the hemolymphopoietic system].

Fate and effects of acrolein.

Metobromuron/metolachlor ingestion with late onset methemoglobinemia in a pregnant woman successfully treated with methylene blue.

Acute-phase reactant proteins and antioxidants in rats intoxicated chronically with paraquat.

Catalase inhibition with 3-amino-1,2,4-triazole does not abolish infarct size reduction in heat-shocked rats.

Exposure to polychlorinated dioxins and furans (PCDD/F) and mortality in a cohort of workers from a herbicide-producing plant in Hamburg, Federal Republic of Germany.

Generation of resistance to the diphenyl ether herbicide acifluorfen by MEL cells.

Dapsone-induced hemolytic anemia: role of glucose-6-phosphate dehydrogenase in the hemolytic response of rat erythrocytes to N-hydroxydapsone.

[A microtitration variant of the latex agglutination reaction in the diagnosis of leprosy].

Antioxidative roles of metallothionein and manganese superoxide dismutase induced by tumor necrosis factor-alpha and interleukin-6.

Simple method for analysis of diquat in biological fluids and tissues by high-performance liquid chromatography.

A unique metabolism of inorganic arsenic in native Andean women.

Time dependence of accumulation and binding of inorganic and organic arsenic species in rabbit erythrocytes.

Effects of drinking pattern on the peak/trough blood concentrations in drinking water studies.

Further evidence that the blood/brain barrier impedes paraquat entry into the brain.

The nitric oxide synthase inhibitor NW-nitro-L-arginine methylester attenuates brain catalase activity in vitro.

Development of a physiologically based pharmacokinetic model for 2,4-dichlorophenoxyacetic acid dosimetry in discrete areas of the rabbit brain.

Reorganization of microfilaments in protonemal tip cells of the moss *Ceratodon purpureus* during the phototropic response.

A comparative study of direct hemoperfusion and hemodialysis for the removal of glufosinate ammonium.

Diquat increases cysteine proteinase inhibitors greatly in rat plasma and tissues.

19-Allylaminoherbimycin A, an analog of herbimycin A that is stable against treatment with thiol compounds or granulocyte-macrophage colony-stimulating factor in human leukemia cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced anorexia and wasting syndrome in rats: aggravation after ventromedial hypothalamic lesion.

The role of the neurohormone melatonin as a buffer against macromolecular oxidative damage.

Tissue-specific effects of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) on the activity of phosphoenolpyruvate carboxykinase (PEPCK) in rats.

[Fatal sodium azide poisoning in a hospital: a preventable accident].

Skin irritation in man: a comparative bioengineering study using improved reflectance spectroscopy.

[Comparison of the effectiveness and tolerance of Aktiferrin, a ferrous sulfate capsule preparation and Tardyferon pills in patients with uncomplicated sideropenic anemia].

Preferential requirement for protein tyrosine phosphatase activity in the 12-O-tetradecanoylphorbol-13-acetate-induced differentiation of human colon cancer cells.

Neurological condition in 18-month-old children perinatally exposed to polychlorinated biphenyls and dioxins.

[Comparative study on pharmacological effects of various species of Pueraria].

Oxidative processes in red blood cells from normal and diabetic individuals.

Photodegradation and in vitro phototoxicity of the antidiabetic drug chlorpropamide.

Role of sodium azide in reducing nonspecific color development in enzyme immunoassays.

Increased rate of adenosine triphosphate-dependent etoposide (VP-16) efflux in a murine leukemia cell line overexpressing the multidrug resistance-associated protein (MRP) gene.

Increase in chloride-dependent L-glutamate transport activity in synaptic membrane after in vitro ischemic treatment.

Dietary exposure of mink to carp from Saginaw Bay, Michigan: 2. Hematology and liver pathology.

A monoclonal antibody against a peptide sequence of fibrinogen gamma chain acts as an inhibitor of factor XIII-mediated crosslinking of human fibrin.

Ligand-dependent and -independent activation of the transcription factor gamma RF-1 in a cell-free system.

Induction of macrophage procoagulant activity by murine hepatitis virus strain 3: role of tyrosine phosphorylation.

Immunologic effects of background prenatal and postnatal exposure to dioxins and polychlorinated biphenyls in Dutch infants.

The effect of iron in formula milk after 6 months of age.

In utero 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) alters reproductive morphology and function in female rat offspring.

Serum erythropoietin levels in patients with severe anemia secondary to inflammatory bowel disease and the use of recombinant human erythropoietin in patients with anemia refractory to treatment.

Possible involvement of focal adhesion kinase, p125FAK, in osteoclastic bone resorption.

Molecular mechanism of drug photosensitization. Part 6. Photohaemolysis sensitized by tolmetin.

Spin trapping endogenous radicals in MC-1010 cells: evidence for hydroxyl radical and carbon-centered ascorbyl radical adducts.

Large secretory structures at the cell surface imaged with scanning force microscopy.

Integrin-mediated tyrosine phosphorylation and cytokine message induction in monocytic cells. A possible signaling role for the Syk tyrosine kinase.

Pregnancy associated anemia and iron: a pilot study.

Nutrition and breast-feeding.

Iron overdose and detection of gastrointestinal bleeding with the hemocult and gastrocult assays.

Ferritin excretion and iron balance in humans.

Effect of antibodies to membrane skeletal proteins on the shape of erythrocytes and their ability to respond to shape-modulating agents. Important role of 4.1 protein in the determination/maintenance of the discoid shape of erythrocytes.

Radiosyntheses of labeled beta-pseudouridine ([C-11]- and [H-3]methyl) and its biodistribution and metabolism in normal and tumored mice.

[The determination of toxic compounds with a dinitrophenol structure in biological fluids].

Hyperresponse in calcium-induced insulin release from electrically permeabilized pancreatic islets of diabetics GK rats and its defective augmentation by glucose.

Herbimycin A inhibits phorbol ester-induced morphologic changes, adhesion, and megakaryocytic differentiation of the leukemia cell line, MEG-01.

Antioxidant and prooxidant roles of copper in Tween 20-induced hemolysis of hamster and pig erythrocytes containing marginal vitamin E.

The mechanism of action of the two-layer cold storage method in canine pancreas preservation-- protection of pancreatic microvascular endothelium.

The efficacy of erythropoietin in human immunodeficiency virus-infected end-stage renal disease patients treated by maintenance hemodialysis.

Aneugenic effect of sodium arsenite on human lymphocytes in vitro: an individual susceptibility effect detected.

Phorbol ester stimulated cathepsin L expression in U937 cells.

Dioxin--an analysis of the major human studies: comparison with animal-based cancer risks.

[The use of tardyferon in the combined treatment of patients with chronic atrophic gastritis and peptic ulcer complicated by hemorrhage].

Hepatic microsomal ethoxyresorufin O-deethylase-inducing potency in ovo and cytosolic Ah receptor binding affinity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: comparison of four avian species.

Postischemic proximal tubular resistance to oxidant stress and Ca²⁺ ionophore-induced attack. Implications for reperfusion injury.

Influence of five methylsulphonyl PCB congeners on frequency of micronucleated cells in cultured human lymphocytes by cytokinesis block method.

Irritant dermatitis among workers cleaning up a pesticide spill: California 1991.

Variation in the expression and/or phosphorylation of the human low molecular weight stress protein during in vitro cell differentiation.

Modulation of TCDD-induced wasting syndrome by portocaval anastomosis and vagotomy in Long-Evans and Han/Wistar rats.

ACTH-(1-24) blocks the decompensatory phase of the haemodynamic response to acute hypovolaemia in conscious rabbits.

Treatment of Philadelphia-chromosome-positive human leukemia in SCID mouse model with herbimycin A, bcr-abl tyrosine kinase activity inhibitor.

Activation of mesangial cells by the phosphatase inhibitor vanadate. Potential implications for diabetic nephropathy.

Correlation between toxicity and effects on intermediary metabolism in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated male C57BL/6J and DBA/2J mice.

Efficacy of oral iron therapy in patients receiving recombinant human erythropoietin.

Acinar cell respiration in experimental acute pancreatitis.

Antithrombin-TRI (Ala382 to Thr) causing severe thromboembolic tendency undergoes the S-to-R transition and is associated with a plasma-inactive high-molecular-weight complex of aggregated antithrombin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) distribution and cytochrome P4501A induction in young adult and senescent male mice.

Hemoglobin-induced lipid peroxidation in the retina: a possible mechanism for macular degeneration.

Activation of casein kinase II in ML-1 human myeloblastic leukemia cells requires IGF-1 and transferrin.

Mechanisms of uremic inhibition of phagocyte reactive species production: characterization of the role of p-cresol.

The adverse effects of long-term cassava (*Manihot esculenta* Crantz) consumption.

Effects of inhalative exposure to dioxins in wood preservatives on cell-mediated immunity in day-care center teachers.

1-beta-D-arabinofuranosylcytosine activates tyrosine phosphorylation of p34cdc2 and its association with the Src-like p56/p53lyn kinase in human myeloid leukemia cells.

Flow cytometric analysis of the granulocyte respiratory burst: a comparison study of fluorescent probes.

Antioxidant effect of a Ginkgo biloba extract (EGb 761) on the retina.

Effect of supplementation with an iron-fortified milk on incidence of diarrhea and respiratory infection in urban-resident infants.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on tryptophan and glucose homeostasis in the most TCDD-susceptible and the most TCDD-resistant species, guinea pigs and hamsters.

Survival after a severe iron poisoning treated with intermittent infusions of deferoxamine.

Analysis of the relationship between hemoglobin-oxygen affinity and lipid peroxidation during fever.

Role of the lung in accumulation and metabolism of xenobiotic compounds--implications for chemically induced toxicity.

Importance of the matrix and its chemical activation on the stability of immuno-adsorbents.

Nitric oxide. An important signaling mechanism between vascular endothelium and parenchymal cells in the regulation of oxygen consumption.

Evaluation of the cytotoxicity of 10 chemicals in human and rat hepatocytes and in cell lines: Correlation between in vitro data and human lethal concentration.

A structural study of the carboxyl terminal region of the human erythrocyte band 3 protein.

Human cytochromes P4501A1 and P4501A2: R-warfarin metabolism as a probe.

Factors influencing the protein binding of YH-439 using an equilibrium dialysis technique. A new hepatoprotective agent.

Occupational exposure to polychlorinated dibenzo-p-dioxins and dibenzofurans in a magnesium production plant.

An attempt to explain interindividual variability in 24-h urinary excretion of inorganic arsenic metabolites by C57 BL/6J mice.

Thrombin stimulates phosphorylation of insulin-like growth factor-1 receptor, insulin receptor substrate-1, and phospholipase C-gamma 1 in rat aortic smooth muscle cells.

Use of Mishell-Dutton culture for the detection of the immunosuppressive effect of iron-containing compounds.

Inhibition of tumor necrosis factor activity fails to restore 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced suppression of the antibody response to sheep red blood cells.

Selective depletion of cyclin-dependent kinases is associated with Fas-mediated apoptosis in human leukemia T-cell lines.

Perinatal exposure to polychlorinated biphenyls and dioxins through dietary intake.

Cardiovascular responses to cigarette smoke exposure in restrained conscious rats.

Comparative assessment of metabolic enzyme levels in macrophage populations of the F344 rat.

Induction of hepatic CYP1A2 by the oral administration of caffeine to rats: lack of association with the Ah locus.

Factors influencing the protein binding of azosemide using an equilibrium dialysis technique.

Evaluation of the biodistribution and in vivo biochemistry of ^{99m}Tc -cysteine and $^{99/99m}\text{Tc}$ -cysteine complexes--a potential renal imaging agent.

Differential proteolytic processing leads to multiple forms of the CA protein in avian sarcoma and leukemia viruses.

In utero and lactational exposure of the male rat to 2,3,7,8-tetrachlorodibenzo-p-dioxin: impaired prostate growth and development without inhibited androgen production.

Tyrosine kinase inhibitors inhibit multiple steps of the cell cycle of vascular smooth muscle cells.

Neuropeptide YY1 receptors-mediated increase in intracellular Ca²⁺ concentration via phospholipase C-dependent pathway in porcine aortic smooth muscle cells.

Changes associated with tyrosine phosphorylation during short-term hypoxia in retinal microvascular endothelial cells in vitro.

Impaired cellular immune response in harbour seals (*Phoca vitulina*) feeding on environmentally contaminated herring.

Mass spectrometric analysis of haemoglobin adducts formed by methyl bromide in vitro.

Reproductive effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in female rats: ovulation, hormonal regulation, and possible mechanism(s).

Cyclophosphamide: review of its mutagenicity for an assessment of potential germ cell risks.

Effect of stereochemistry on the oxidative metabolism of the cyclophosphamide metabolite aldophosphamide.

Levels of pollutants and their metabolites: exposures to organic substances.

Application of high-performance liquid chromatography to a fatality involving azide.

Halogenated aromatic hydrocarbons and toxicity equivalency factors (TEFs) from the public health assessment perspective.

Cytochromes P450 in cynomolgus monkeys mutagenically activate 2-amino-3-methylimidazo[4,5-f]quinoline (IQ) but not 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline (MeIQx).

Glutathione S-transferase 8-8 is localized in smooth muscle cells of rat aorta and is induced in an experimental model of atherosclerosis.

Temperature regulation and metabolism in rats exposed perinatally to dioxin: permanent change in regulated body temperature?

A stereotypic, transplantable liver tissue-culture system.

Chemical speciation of arsenic in urine of patients with blackfoot disease.

[The property of tetracyclines to induce methemoglobin formation in erythrocytes and to inactivate catalase when exposed to radiation in the visible range].

Thrombin induces the preproendothelin-1 gene in endothelial cells by a protein tyrosine kinase-linked mechanism.

Kinetic characterization of a carrier-mediated transport system for L-tryptophan in human blood platelets.

Dioxin concentrations in the blood of workers at municipal waste incinerators.

A peptide, ALTE, within the fimbrial subunit protein from *Porphyromonas gingivalis*, induces production of interleukin 6, gene expression and protein phosphorylation in human peripheral blood mononuclear cells.

Inhibition of lecithin: cholesterol acyltransferase activity in human blood plasma by cigarette smoke extract and reactive aldehydes.

Halogenated aromatic hydrocarbon-induced suppression of the plaque-forming cell response in B6C3F1 splenocytes cultured with allogenic mouse serum: Ah receptor structure activity relationships.

Photolabeling of a pore-forming toxin with the hydrophobic probe 2-[3H]diazofluorene. Identification of membrane-inserted segments of *Staphylococcus aureus* alpha-toxin.

Hypoxia-mediated induction of acidic/basic fibroblast growth factor and platelet-derived growth factor in mononuclear phagocytes stimulates growth of hypoxic endothelial cells.

Distribution, metabolism and excretion of pentachloroanisole in the beagle dog and miniature pig.

Structural and functional characterization of proteolytic fragments derived from the C-terminal regions of bovine fibrinogen.

Characterization of muconate and chloromuconate cycloisomerase from *Rhodococcus erythropolis* 1CP: indications for functionally convergent evolution among bacterial cycloisomerases.

Vascular smooth muscle cell heme oxygenases generate guanylyl cyclase-stimulatory carbon monoxide.

Ethanol ingestion on allylamine-induced experimental subendocardial fibrosis.

Perinatal exposure to polychlorinated biphenyls and dioxins and its effect on neonatal neurological development.

The blood-brain barrier: In vitro methods and toxicological applications.

A human erythrocyte-derived growth-promoting factor with a wide target cell spectrum: identification as catalase.

Inhibition by activated neutrophils of the Ca²⁺ pump ATPase of intact red blood cells.

[Changes in hematological indices, iron levels and marrow erythroids through autologous blood donation before cardiac surgery--predonation with versus without recombinant human erythropoietin].

Phenotypic analysis of spleen, thymus, and peripheral blood cells in aged C57B1/6 mice following long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Transformation by v-erb-B - induction of apoptosis is abrogated in a myeloid cell-line.

Activation of the hypothalamic dorsomedial nucleus stimulates intestinal motility in rats.

Sequence of release of fibrinopeptide A from fibrinogen molecules by thrombin or Atroxin.

An in vitro method for determination of tissue partition coefficients of non-volatile chemicals such as 2,3,7,8-tetrachlorodibenzo-p-dioxin and estradiol.

Iron balance in menstruating women.

Mechanism for drug absorption from rat-liver surface membrane: effect of dose and transport inhibitors on the pharmacokinetics of phenol red.

Cytotoxic effects of several hopanoids on mouse leukemia L1210 and P388 cells.

Protein tyrosine kinase activation is required for LPS and PMA induction of tissue factor mRNA in human blood monocytes.

Excitatory amino acid release from astrocytes during energy failure by reversal of sodium-dependent uptake.

Induction of cytochrome P4501A1 by aryl hydrocarbon receptor agonists in porcine aorta endothelial cells in culture and cytochrome P4501A1 activity in intact cells.

Involvement of hydrogen and lipid peroxides in acute tobacco smoking-induced platelet hyperactivity.

Thrombin receptor activation stimulates astrocyte proliferation and reversal of stellation by distinct pathways: involvement of tyrosine phosphorylation.

The primary structure of a hemorrhagic factor, HR2b, from the venom of Okinawa habu (*Trimeresurus flavoviridis*).

Interleukin-3 facilitates glucose transport in a myeloid cell line by regulating the affinity of the glucose transporter for glucose: involvement of protein phosphorylation in transporter activation.

Internal exposure of waste incineration workers to organic and inorganic substances.

Substrate-specificity of mammalian tissue-bound semicarbazide-sensitive amine oxidase.

Proliferative capacity of marmoset lymphocytes after tetanus vaccination and lack of 2,3,7,8-tetrachlorodibenzo-p-dioxin to reduce a booster effect.

Chlorinated dibenzo-p-dioxins and dibenzofurans and the human immune system. 2. In vitro proliferation of lymphocytes from workers with quantified moderately-increased body burdens.

Fish oil enhances pentachlorobenzene metabolism and reduces its accumulation in rats.

BW-755C diminishes smoke-induced pulmonary edema.

Analysis of 4-hydroxycyclophosphamide in human blood.

Platelet-collagen interactions.

Toxicology of methyl bromide.

Oxidative stress from environmental pollutants.

Mechanistic study on toxicity of positively charged liposomes containing stearylamine to blood.

Cytoplasmic calcium level and membrane fluidity of platelets contacting poly(acrylamide-co-methacrylic acid) particles with different surface properties.

Analysis of whole-blood cyclosporin G by liquid chromatography in renal transplant recipients.

Tyrosine kinase inhibitors potentiate the induction of low density lipoprotein receptor gene expression by hepatocyte growth factor.

Mechanism of cytotoxicity of paraquat. III. The effects of acute paraquat exposure on the electron transport system in rat mitochondria.

Body size and the toxicokinetics of trifluralin in rainbow trout.

Nephrotoxicity and hepatotoxicity of 5,6-dichloro-4-thia-5-hexenoic acid: evidence for fatty acid beta-oxidation-dependent bioactivation.

Acute 2,4-dichlorophenoxyacetic acid intoxication in cattle.

[Acetylcholinesterase in the erythrocyte membrane].

[Pathologic characteristics of diffuse alveolar damage induced by paraquat in rat lungs].

Effect of aldehyde dehydrogenase and alcohol dehydrogenase inhibitors and ethanol on blood and liver ketone bodies in the rat.

Nitric oxide as a mediator of oxidant lung injury due to paraquat.

Cyclooxygenase and lipoxygenase inhibition by BW-755C reduces acrolein smoke-induced acute lung injury.

Toxicokinetics and biotransformation of pentachlorophenol in the sea urchin (*Strongylocentrotus purpuratus*).

Influence of lindane and paraquat on oxidative stress-related parameters of erythrocytes in vitro.

Cinnamaldehyde-induced micronuclei in rodent liver.

Identification and dynamics of paraquat in the bone marrow, thymus and spleen in rats using immunohistochemical techniques.

[Organic trace element pollution in water--a potential health risk for long-term dialysis patients].

Genetic safety evaluation of pesticides in different short-term tests.

[Methemoglobinemia induced by sodium chlorate: value of hyperbaric oxygen therapy].

Bilateral spontaneous pneumothoraces, pneumopericardium, pneumomediastinum, and subcutaneous emphysema: a rare presentation of paraquat intoxication.

Selective myelotoxicity of propanil.

Characterization of the capsaicin-sensitive component of cyclophosphamide-induced inflammation in the rat urinary bladder.

An assessment of the genetic toxicity of atrazine: relevance to human health and environmental effects.

Fatal overdose of 2,4-dichlorophenoxyacetic acid (2,4-D).

High serum concentrations of paraquat increase apparent creatinine concentrations.

Comparison of two methods for determining the toxicokinetics of fluazifop-butyl after intravenous dosing in rats.

Polychlorinated biphenyl levels in the tissues of exposed and nonexposed humans.

[The enzymes of mono-oxygenase oxidation in the lymphocytes and liver of persons subjected to chlorophenoxy herbicide exposure].

Direct detection of the intracellular formation of carboxyphosphamides using nuclear magnetic resonance spectroscopy.

Environmental behavior of bentazon herbicide.

Aldehyde dehydrogenase of mice inhibited by thiocarbamate herbicides.

Free radicals in the pathophysiology of pulmonary injury and disease.

Erythrocyte catalase inactivation (H₂O₂ production) by ascorbic acid and glucose in the presence of aminotriazole: role of transition metals and relevance to diabetes.

Comparison of dibenzodioxin levels in blood and milk in agricultural workers and others following pentachlorophenol exposure in China.

Role of hydrogen peroxide in hypoxia-induced erythropoietin production.

A role for thyroid hormones in cold-induced elevation of blood pressure and cardiac hypertrophy.

Pharmacokinetic modeling of 2,4-dichlorophenoxyacetic acid (2,4-D) in rat and in rabbit brain following single dose administration.

Disposition and metabolism of radiolabelled pentachloroanisole in rats and rabbits.

Effect of in vivo desensitization to leukotriene B₄ on eosinophil infiltration in response to C₅a in guinea-pig skin.

Dioxins in blood from Swedish phenoxy herbicide workers.

Ifosfamide induced depletion of glutathione in human peripheral blood lymphocytes and protection by mesna.

Effect of dosing vehicle on the dermal absorption of fluazifop-butyl and fomesafen in rats in vivo.

Bacterial oxidative stress substance spontaneously recycles to form 2-methylbutane-1,2,3,4-tetraol-1,2-cyclophospho-4-phosphate.

Aldose reductase-catalyzed reduction of acrolein: implications in cyclophosphamide toxicity.

Iron release, lipid peroxidation, and morphological alterations of erythrocytes exposed to acrolein and phenylhydrazine.

Hydrogen peroxide production by red blood cells.

Characterization of a thioredoxin-related surface protein.

Short-term toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in laboratory animals: effects, mechanisms, and animal models.

Patterns of tyrosine phosphorylation differ in vascular hypertrophy and hyperplasia.

Transformation by v-src causes transient induction followed by repression of mouse thrombospondin-1.

[Treatment with prophylactic doses of ferrous sulphate as an intervention measure in the campaign++ against iron deficiency in children cared for in basic health units].

Growth of erythroid colonies in chronic myelogenous leukemia is independent of erythropoietin only in the presence of steel factor.

In vivo antitumor activity of herbimycin A, a tyrosine kinase inhibitor, targeted against BCR/ABL oncoprotein in mice bearing BCR/ABL-transfected cells.

Acycloguanosine and herbimycin A co-operatively inhibit proliferation and induce erythrodifferentiation of human myeloid leukemia K562 cells.

Subchronic (13-week) toxicity of heptachlorodibenzo-p-dioxin in male Sprague-Dawley rats.

[Mechanisms for cell damage in acute pancreatitis using isolated acinar cells].

[Erythropoietin].

Integrin alpha v beta 3 differentially regulates adhesive and phagocytic functions of the fibronectin receptor alpha 5 beta 1.

The role of DNA damage in the resistance of human chronic myeloid leukemia cells to cyclophosphamide analogues.

Therapy with recombinant human erythropoietin in patients with myelodysplastic syndromes.

Aftermath of a chemical spill: psychological and physiological sequelae.

Studies of the oxidation of ethanol to acetaldehyde by oxyhemoglobin using fluorogenic high-performance liquid chromatography.

Selective closure of the vascular bed of an experimental glioma model during in situ saline perfusion.

Treatment of methyl bromide poisoning with haemodialysis.

Neurotoxins: a neuroscience nursing challenge.

Psychological, psychosocial, and psychophysiological sequelae in a community affected by a railroad chemical disaster.

Established IL-2-dependent double-negative (CD4⁻ CD8⁻) TCR alpha beta/CD3⁺ ATL cells: induction of CD4 expression.

Blood levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin and gamma-globulins in a follow-up investigation of employees with chloracne.

[Shock caused by poisoning. Use of cardiotropic agents].

Bronchial necrosis and granuloma induced by the aspiration of a tablet of ferrous sulphate.

The effects of iron supplementation during pregnancy, given by traditional birth attendants, on the prevalence of anaemia and malaria.

Effect of 1,2,4-trichlorodibenzo-p-dioxin on drug-metabolizing enzymes in the rat liver.

Survey of health and use characterization of pesticide applicators in Minnesota.

Hypoxic stimulation of vascular endothelial growth factor expression in vitro and in vivo.

Effects of inorganic arsenicals on DNA synthesis in unsensitized human blood lymphocytes in vitro.

Detection of apoptosis in leukemic and breast cancer cells with monoclonal antibody to single-stranded DNA.

Time-response necessary in validation for extraction of pesticides from cloth patches used in field exposure studies.

Acute inflammatory response to sheep red blood cells in mice treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin: the role of proinflammatory cytokines, IL-1 and TNF.

Iron deficiency in two adolescents with conduct, dysthymic and movement disorders.

Deaths from primary brain cancers, lymphatic and haematopoietic cancers in agricultural workers in the Republic of Ireland.

The use of zinc protoporphyrin in screening young children for iron deficiency.

Dentate gyrus and olfactory bulb responses to olfactory and noxious stimulation in urethane anaesthetized rats.

Study of the effector mechanism involved in the production of haemorrhagic necrosis of the small intestine in rat passive anaphylaxis.

Erythropoietin increases hemoglobin during radiation therapy for cervical cancer.

Synthesis and tissue biodistribution of [ω -¹¹C]palmitic acid. A novel PET imaging agent for cardiac fatty acid metabolism.

Activation of protein kinase C down-regulates leukotriene C₄ synthase activity and attenuates cysteinyl leukotriene production in an eosinophilic substrain of HL-60 cells.

Morbidity follow up study of BASF employees exposed to 2,3,7, 8-tetrachlorodibenzo-p-dioxin (TCDD) after a 1953 chemical reactor incident.

Iron supplementation in children after cardiopulmonary bypass for surgical repair of congenital heart disease.

Fc epsilon RI-stimulated Ca(2+)-dependent secretion from rat basophilic leukemia (RBL-2H3) cells permeabilized with Staphylococcal alpha-toxin: Fc epsilon RI-operated signals are not mimicked by the actions of GTP gamma S.

Chloracne. Some recent issues.

Increased in vitro tumour necrosis factor-alpha production in iron deficiency anemia.

Tyrosine kinase inhibitor-induced differentiation of K-562 cells: alterations of cell cycle and cell surface phenotype.

Posttranslational sulfation of factor V is required for efficient thrombin cleavage and activation and for full procoagulant activity.

Urea-derived cyanate forms epsilon-amino-carbamoyl-lysine (homocitrulline) in leukocyte proteins in patients with end-stage renal disease on peritoneal dialysis.

Effect of hypothermic cardioplegia on cardiac protection--I. Effect of hypothermic cardioplegia on the cytosolic Ca²⁺ concentration in rat ventricular myocytes.

Postischemic inhibition of cerebral cortex pyruvate dehydrogenase.

Bioavailability of iron from oral ferric polymaltose in humans.

Treatment of deeply infiltrating endometriosis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced thymic atrophy and lymphocyte stem cell alterations by mechanisms independent of the estrogen receptor.

Effects of various drugs (staurosporine, herbimycin A, ketotifen, theophylline, FK506 and cyclosporin A) on eosinophil viability.

Dexamethasone, beta-estradiol, and 2,3,7,8-tetrachlorodibenzo-p-dioxin elicit thymic atrophy through different cellular targets.

In vivo and in vitro 4-amino-2,6-dichlorophenol nephrotoxicity and hepatotoxicity in the Fischer 344 rat. [SMANCS/lipiodol].

ONO-4007, a new synthetic lipid A derivative, induces differentiation of rat myelomonocytic leukemia cells in vitro and in vivo.

Craniofacial surgery in the Jehovah's Witness patient.

Iron supplementation improves appetite and growth in anemic Kenyan primary school children.

Failure of recombinant human interleukin-3 therapy to induce erythropoiesis in patients with refractory Diamond-Blackfan anemia.

Reoxygenation-induced relaxation of coronary arteries. A novel endothelium-dependent mechanism.

Anaemia, iron deficiency and malaria in a rural community in Brazilian Amazon.

Molecular mechanism of drug photosensitization. 5. Photohemolysis sensitized by Suprofen.

Leukemia mortality and farming in the prairie provinces of Canada.

Tumor-promoting effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and phenobarbital in initiated weanling Sprague-Dawley rats: a quantitative, phenotypic, and ras p21 protein study.

Cell proliferation status, cytokine action and protein tyrosine phosphorylation modulate leukotriene biosynthesis in a basophil leukaemia and a mastocytoma cell line.

Severe iron deficiency anaemia in Fiji children.

Leukemia and brain tumors in Norwegian railway workers, a nested case-control study.

Functional consequences of iron supplementation in iron-deficient female cotton mill workers in Beijing, China.

Side effects of iron supplements in blood donors: superior tolerance of heme iron.

Induction of heat-shock protein synthesis and thermotolerance in EL-4 ascites tumor cells by transient ATP depletion after ischemic stress.

Receptor-mediated binding of IgE-sensitized rat basophilic leukemia cells to antigen-coated substrates under hydrodynamic flow.

Iron deficiency and infant development.

Y2 receptors for neuropeptide Y are coupled to three intracellular signal transduction pathways in a human neuroblastoma cell line.

Potent activation of phospholipase D by phenylarsine oxide in rat basophilic leukemia (RBL-2H3) cells.

Effects of herbimycin A and ST638 on Fc epsilon receptor-mediated histamine release and Ca²⁺ signals in rat basophilic leukemia (RBL-2H3) cells.

Effects of herbimycin A and its derivatives on growth and differentiation of Ph1-positive acute lymphoid leukemia cell lines.

Characterization and modulation of drug transport kinetics in K562 c1.6 daunorubicin-resistant cell line.

Increased native chemiluminescence in granulocytes isolated from synovial fluid and peripheral blood of patients with rheumatoid arthritis.

[Effect of iron deficiency on attention capacity among school children].

Effect of herbimycin A, an inhibitor of tyrosine kinase, on protein tyrosine kinase activity and phosphotyrosyl proteins of Ph1-positive leukemia cells.

Residue at position 331 in the IgG1 and IgG4 CH2 domains contributes to their differential ability to bind and activate complement.

Human interleukin-3 stimulates a phosphatidylcholine specific phospholipase C and protein kinase C translocation.

Decreased clearance of uraemic and mildly carbamylated low-density lipoprotein.

[Determination of serum ferritin: ideas for avoiding induced ferropenia in blood donors].

Developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the most TCDD-resistant and -susceptible rat strains.

Ca(2+)-calmodulin-dependent phosphorylation of arginine in histone 3 by a nuclear kinase from mouse leukemia cells.

Reversal agent inhibition of the multidrug resistance pump in human leukemic lymphoblasts.

Difference in energy metabolism between fresh and warm ischemic canine pancreases during preservation by the two-layer method.

[Plasma renin activity in tachistin-stimulated hypercalcemia and under the effect of chlorazine].

Effects of alpha-tocopherol on lipid peroxidation and mitochondrial reduction of tetraphenyl tetrazolium in the rat brain.

Human intestinal alkaline phosphatase-binding IgG in patients with severe bacterial infections.

[High altitude anemia: validity of definition criteria].

An evaluation of the HemoCue for measuring haemoglobin in field studies in Jamaica.

Age- and feeding-dependent production of carbonyl compounds in hypoxic heart. The role of carbonyls produced in connective tissue modification.

Histochemical demonstration of free radicals (H₂O₂) in ischemic brain edema and protective effects of human recombinant superoxide dismutase on ischemic neuronal damage.

[A comparative study of the effectiveness of iron preparations in the treatment of iron deficiency anemias in pregnant women].

Alternate immune system targets for TCDD: lymphocyte stem cells and extrathymic T-cell development.

Decreased phagolysosomal fusion of peripheral blood monocytes from patients with thalassemia major.

Fetal globin stimulation during a short-term trial of erythropoietin in HbS/beta-thalassemia patients.

Mechanisms of chemical injury of thyroid gland.

A targeting model of boron neutron-capture therapy to hepatoma cells in vivo with a boronated anti-(alpha-fetoprotein) monoclonal antibody.

Tyrosine kinases regulate the cytoskeletal attachment of integrin alpha IIb beta 3 (platelet glycoprotein IIb/IIIa) and the cellular retraction of fibrin polymers.

NTP Toxicology and Carcinogenesis Studies of 4,4'-Thiobis(6-*t*-butyl-*m*-cresol) (CAS No. 96-69-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Elevated dioxin blood levels in British chemical workers.

Application of magnetic sector thermal ionization mass spectrometry to studies of erythrocyte iron incorporation in small children.

Effect of metabolic inhibitors on K⁺ transport across the lamprey (*Lampetra fluviatilis*) erythrocyte membrane.

Involvement of protein-tyrosine kinase p72syk in collagen-induced signal transduction in platelets.

Interactions of human blood plasma with hydrogen peroxide and hypochlorous acid.

Expression of the multidrug resistance associated protein and P-glycoprotein in doxorubicin-selected human myeloid leukemia cells.

Genistein reduces tumor necrosis factor alpha-induced plasminogen activator inhibitor-1 transcription but not urokinase expression in human endothelial cells.

The relationship of blood- and urine-boron to boron exposure in borax-workers and usefulness of urine-boron as an exposure marker.

Laboratory results for selected target organs in 138 individuals occupationally exposed to TCDD.

Elevated dioxin blood levels in Russian chemical workers and their children following maternal exposure.

Effects of highly toxic organochlorine compounds retained in human body on induction of sister chromatid exchanges in cultured human lymphocytes.

Dioxin and PCB levels in blood and human milk in relation to living areas in The Netherlands.

Accumulation and persistence of individual polychlorinated biphenyl congeners in liver, blood, and adipose tissue of rats following dietary exposure to Aroclor 1254.

Mutagenic effects of heavy ions in bacteria.

2,4-Dinitrophenol and carbonylcyanide *p*-trifluoromethoxyphenylhydrazone activate the glutathione S-conjugate transport ATPase of human erythrocyte membranes.

Pathways of heat shock protein 28 phosphorylation by TNF in human fibroblasts.

Stimulation of erythrocyte membrane Mg(2⁺)-ATPase activity by dinitrophenol and other membrane-disturbing agents.

Erythrocyte antioxidant enzyme activity in CMF treated breast cancer patients.

Mitogenic signaling of thrombin in mesangial cells: role of tyrosine phosphorylation.

Inhibition of glucose transport in human erythrocytes by 2,3-dioxindole (isatin).

Evidence of two mechanisms of prostaglandin release in an in vitro model of muscle damage. Possible therapeutic implications.

[Colony formation of mouse primitive hemopoietic progenitors with interleukin-6 and phorbol ester, and their signal transduction].

Mapping of bactericidal epitopes on the P2 porin protein of nontypeable *Haemophilus influenzae*.

Thrombin-induced Ca^{2+} influx and protein tyrosine phosphorylation in endothelial cells is inhibited by herbimycin A.

Crocidolite-induced reactive oxygen metabolites generation from human polymorphonuclear leukocytes.

Transcriptional suppression of the human T-cell leukemia virus type I long terminal repeat occurs by an unconventional interaction of a CREB factor with the R region.

Pathological findings in rabbits and sheep following the subacute administration of triphenyltin acetate.

Dithio-bis-mercaptoethanesulphonate (DIMESNA) does not prevent cellular damage by metabolites of ifosfamide and cyclophosphamide in LLC-PK1 cells.

Identification of regions of bovine factor VII essential for binding to tissue factor.

ACTIVE Na^{+} , Cl^{-} AND HCO_3^{-} -DEPENDENT ACID EXTRUSION IN ATLANTIC COD RED BLOOD CELLS IN WINTER ACTIVATED BY HYPERCAPNIA.

Hepatobiliary disposition of 3'-azido-3'-deoxythymidine (AZT) in the rat: effect of phenobarbitone induction.

Specific determination of cyanide in blood by headspace gas chromatography.

Specificity of antibodies to type II collagen in early rheumatoid arthritis.

Isolation of phosphorylated calmodulin from rat liver and identification of the in vivo phosphorylation sites.

Interaction between the central histaminergic and the muscarinic cholinergic systems.

Evidence for histamine uptake by murine hematopoietic progenitors.

Clinical laboratory manifestations of exposure to background levels of dioxins in the perinatal period.

PET studies of the uptake of (S)- and (R)-[^{11}C]nicotine in the human brain: difficulties in visualizing specific receptor binding in vivo.

Cardiovascular effects of NaCl microinjections into the nucleus of the solitary tract.

Measurement of hemoglobin and albumin adducts of tetrachlorobenzoquinone.

An improved X-ray spectrometric method for the determination of bromide in whole blood of workers occupationally exposed to methyl bromide.

Effects of smoking and drinking habits on urinary o-cresol excretion after occupational exposure to toluene vapor among Chinese workers.

Blockade of ovulation in the rat by the fungicide sodium N-methyldithiocarbamate: relationship between effects on the luteinizing hormone surge and alterations in hypothalamic catecholamines.

Role of P-selectin and leukocyte activation in polymorphonuclear cell adhesion to surface adherent activated platelets under physiologic shear conditions (an injury vessel wall model).

UV-dependent quinolone-induced human erythrocyte membrane lipid peroxidation: studies on the phototoxicity of Y-26611, a new quinolone derivative.

Primary structure and reactive site of Streptovercillium anticoagulant (SAC), a novel protein inhibitor of blood coagulation produced by Streptovercillium cinnamoneum subsp. cinnamoneum.

Leukemia inhibitory factor and nerve growth factor are retrogradely transported and processed by cultured rat sympathetic neurons.

Effect of metabolic alterations on the accumulation of technetium-99m-labeled d,l-HMPAO in slices of rat cerebral cortex.

Investigation of dirithromycin and erythromycylamine uptake by human neutrophils in vitro.

Serum modulation of the effects of TCDD on the in vitro antibody response and on enzyme induction in primary hepatocytes.

Synthesis and evaluation of novel thiazolidine derivatives as thromboxane A₂ receptor antagonists.

Purification and characterization of bothrombin, a fibrinogen-clotting serine protease from the venom of Bothrops jararaca.

Mitogen-activated protein kinases and ribosomal S6 protein kinases are involved in signaling pathways shared by interleukin-11, interleukin-6, leukemia inhibitory factor, and oncostatin M in mouse 3T3-L1 cells.

Acute cytotoxicity of ten chemicals in human and rat cultured hepatocytes and in cell lines: Correlation between in vitro data and human lethal concentrations.

In vitro and in vivo transport of zidovudine (AZT) across the blood-brain barrier and the effect of transport inhibitors.

The thymus does not mediate 2,3,7,8-tetrachlorodibenzo-p-dioxin-elicited alterations in bone marrow lymphocyte stem cells.

Study of tissue-type plasminogen activator binding sites on fibrin using distinct fragments of fibrinogen.

Synthesis and expression of a gene coding for Erythrina trypsin inhibitor (ETI).

Increased proliferation, cytotoxicity, and gene expression after stimulation of human peripheral blood T lymphocytes through a surface ganglioside (GD3).

Attenuation of human leukocyte adherence to endothelial cell monolayers by tyrosine kinase inhibitors.

Effect of Paraquat Administration on Antioxidative Enzyme Activities and Oxidative Damage in the Blood and Liver of Senescence-accelerated Mice.

A physiologically based mathematical model of dermal absorption in man.

[Digoxin content in blood lipids of children, athletes, sports ground attendants and residents after contact with dioxin-containing surface slag (Kieselrot)].

Direct exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) increases infectivity of human erythrocytes to a malarial parasite.

Lack of direct immunosuppressive effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on human peripheral blood lymphocyte subsets in vitro.

Comparative investigations of the genotoxic effects of metals in the single cells gel (SCG) assay and the sister chromatid exchange (SCE) test.

Aryl hydrocarbon or dioxin receptor: biologic and toxic responses.

Metabolism of dichloromethane (methylene chloride) to formaldehyde in human erythrocytes: influence of polymorphism of glutathione transferase theta (GST T1-1).

Permeability changes in the blood-brain barrier of neonate and adult rats after thiobencarb exposure.

[The place of pentachlorophenol in general medicinal practice].

Transport of 2,4,5-trichlorophenoxyacetic acid across the blood-cerebrospinal fluid barrier of the rabbit.

Aminoguanidine: a drug proposed for prophylaxis in diabetes inhibits catalase and generates hydrogen peroxide in vitro.

[Binding of toxic substances and suppression of their toxicities by albumin--studies on psychosine and pentachlorophenol].

Distribution and elimination of the herbicide propanil in the channel catfish (*Ictalurus punctatus*).

The pneumotoxicant paraquat induces IL-8 mRNA in human mononuclear cells and pulmonary epithelial cells.

In vitro inactivation of glucose-6-phosphate dehydrogenase from human red blood cells by acrolein: a possible biomarker of exposure.

Genotoxic and teratogenic effect of pentachlorophenol, pollutant present in continental water bodies in the south of Chile.

Effect of aggressive haemoperfusion on the clinical course of patients with paraquat poisoning.

Effect of dehydroproline as a collagen synthetic inhibitor in paraquat-induced pulmonary fibrosis in beagle dogs.

Genotoxicity testing of the herbicide Roundup and its active ingredient glyphosate isopropylamine using the mouse bone marrow micronucleus test, *Salmonella* mutagenicity test, and *Allium* anaphase-telophase test.

[Do electromagnetic fields or chemicals cause cancer?].

Pentachlorophenol carcinogenicity: extrapolation of risk from mice to humans.

Charcoal haemoperfusion in drug intoxication.

Haemotoxic effect of phenylurea herbicides in rats: role of haemoglobin-adduct formation in splenic toxicity.

Toxicological and immune findings in workers exposed to pentachlorophenol (PCP).

Radiometric assay of red cell and plasma cholinesterase in pesticide applicators from Minnesota.

An epidemiological study of the health of Sri Lankan tea plantation workers associated with long term exposure to paraquat.

Results with OECD recommended positive control sensitizers in the maximization, Buehler and local lymph node assays.

Application of microencapsulation for toxicology studies. III. Bioavailability of microencapsulated cinnamaldehyde.

High-dose chemotherapy-induced platelet defect: inhibition of platelet signal transduction pathways.

Organophosphate poisoning.

Survival of a paraquat-poisoned patient, despite late (4 days) referral and initiation of conventional haemoperfusion treatment.

[Cytokines and pulmonary fibroses].

The protective effect of heat stress against reperfusion arrhythmias in the rat.

Alterations of peroxisomal function in ischemia-reperfusion injury of rat kidney.

Hexachlorobenzene-induced hypothyroidism. Involvement of different mechanisms by parent compound and metabolite.

Origin of reactive oxygen species in erythrocytes infected with *Plasmodium falciparum*.

Role of catalase and heat shock protein on recovery of cardiac endothelial and mechanical function after ischemia.

The analysis of ifosfamide and its metabolites (review).

Hyperbaric oxygen treatment for experimental cyclophosphamide-induced hemorrhagic cystitis.

Simple sensitive solid-phase extraction of paraquat from plasma using cyanopropyl columns.

Haemolysis of human erythrocytes by pentachlorophenol and its suppression by albumin.

Effect of excess alpha-hemoglobin chains on cellular and membrane oxidation in model beta-thalassaemic erythrocytes.

Modeling blood/plasma concentrations in dosed feed and dosed drinking water toxicology studies.

Hydrogen peroxide production by monoamine oxidase during ischemia-reperfusion in the rat brain.

Intracellular catalase inhibition does not predispose rat heart to ischemia-reperfusion and hydrogen peroxide-induced injuries.

Extraction and quantitation of paraquat and diquat from blood.

Protective role for neuropeptides in acute pulmonary response to acrolein in guinea pigs.

Effect of ifosfamide metabolites on sodium-dependent phosphate transport in a model of proximal tubular cells (LLC-PK1) in culture.

Metabolism of N-[4-chloro-2-fluoro-5-[(1-methyl-2-propynyl)oxy]phenyl]-3,4,5,6-tetrahydrophthalimide (S-23121) in the rat. II. Absorption, disposition, excretion and biotransformation.

Highly cooperative inhibition of acetylcholinesterase by pentachlorophenol in human erythrocytes.

Effect of herbicide formulation on atrazine residue removal from chemical plant workers' protective clothing.

PGI₂ production and angiotensin converting enzyme activity in cultured porcine pulmonary artery endothelial cells treated with paraquat.

Nitro blue tetrazolium staining: a morphological demonstration of superoxide in the rat retina.

Autoxidation of cysteine generates hydrogen peroxide: cytotoxicity and attenuation by pyruvate.

[Studies on quantitative analysis of paraquat in whole blood--the evaluation of pre-treatments and analytical methods].

Transport characteristics of paraquat across rat intestinal brush-border membrane.

Occupational exposure of Sri Lankan tea plantation workers to paraquat.

Tyrphostin-induced inhibition of p210^{bcr-abl} tyrosine kinase activity induces K562 to differentiate.

Comparison of the pharmacokinetics of 1,2-dimethyl-3-hydroxypyrid-4-one (L1) in healthy volunteers, with and without co-administration of ferrous sulfate, to thalassemia patients.

Erythropoietin increases hemoglobin in cancer patients during radiation therapy.

New insight into oncoprotein-targeted antitumor effect: herbimycin A as an antagonist of protein tyrosine kinase against Ph1-positive leukemia cells.

Cancer in a young population in a dioxin-contaminated area.

Effect of dietary iron on the course of *Plasmodium berghei* malaria in young rats.

In vitro study of pesticide hematotoxicity in human and rat progenitors.

Photolability and photohemolytic studies of fibrates.

In vitro phototoxicity of clofibrate. Photochemical and photohemolytic studies on its metabolite clofibric acid.

Tumor cell heme uptake induces ferritin synthesis resulting in altered oxidant sensitivity: possible role in chemotherapy efficacy.

Effects of pre- and postnatal exposure to chlorinated dioxins and furans on human neonatal thyroid hormone concentrations.

Ascorbigen and other indole-derived compounds from Brassica vegetables and their analogs as anticarcinogenic and immunomodulating agents.

Subchronic toxicity of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

Genistein exhibits preferential cytotoxicity to a leukemogenic variant but induces differentiation of a non-leukemogenic variant of the mouse monocytic leukemia Mm cell line.

Russophelins B, C, D, E and F, new cytotoxic substances from the mushroom *Russula subnigrans* Hongo.

[Iron deficiency anemia is not always simple].

Identification and characterization of an acidic major surface glycoprotein from procyclic stage *Trypanosoma congolense*.

Role of p21 RAS in p210 bcr-abl transformation of murine myeloid cells.

Cancer incidence in a population accidentally exposed to 2,3,7,8-tetrachlorodibenzo-para-dioxin.

[Anticancer agents targeting oncogene products].

The cardioprotective, vasorelaxant and electrophysiological profile of the large conductance calcium-activated potassium channel opener NS-004.

Changes in iron status during competitive season in female collegiate swimmers.

Chromium content in human skin after in vitro application of ordinary cement and ferrous-sulphate-reduced cement.

Thromboxane A₂ stimulates vascular smooth muscle hypertrophy by up-regulating the synthesis and release of endogenous basic fibroblast growth factor.

[Preoperative collection of autologous blood with recombinant human erythropoietin therapy].

Induced photolysis of rabbit red blood cells by several photosensitizers.

Collagen characterization in volume-overload- and pressure-overload-induced cardiac hypertrophy in minipigs.

[Protein tyrosine kinase inhibitor, herbimycin A].

Iron for chronic and persistent akathisia?

Sodium azide protects against ischemia-induced acute renal failure in rats.

Iron status and growth of rats fed different dietary iron sources.

Liver damage due to free radicals.

BCR/ABL oncoprotein-targeted antitumor activity of antisense oligodeoxynucleotides complementary to bcr/abl mRNA and herbimycin A, an antagonist of protein tyrosine kinase: inhibitory effects on in vitro growth of Ph1-positive leukemia cells and BCR/ABL oncoprotein-associated transformed cells.

Herbimycin A, a pp60c-src tyrosine kinase inhibitor, inhibits osteoclastic bone resorption in vitro and hypercalcemia in vivo.

Increased formation of 8-hydroxydeoxyguanosine, an oxidative DNA damage, in lymphoblasts from Fanconi's anemia patients due to possible catalase deficiency.

An acute model for IgA-mediated glomerular inflammation in rats induced by monoclonal polymeric rat IgA antibodies.

Renal and hepatic toxicity of monochloroacetanilides in the Fischer 344 rat.

Identification and purification of a novel serine proteinase inhibitor.

Effectiveness of iron-fortified infant cereal in prevention of iron deficiency anemia.

Severe anemia in the Jehovah's Witness: case report and discussion.

Experimental studies on the mechanisms of tiaprofenic acid photosensitization.

[Effects of disinfectants on erythrocytes and isolated hepatocytes from rats and surface tension].

Aortic collagen alterations in human diabetes mellitus. Changes in basement membrane collagen content and in the susceptibility of total collagen to cyanogen bromide solubilisation.

Combined oestrogen-progestin treatment of vaginal haemorrhage following gonadotrophin-releasing hormone agonist therapy of uterine myomas.

Increased serum catalase activity in rats subjected to thermal skin injury.

Angiotensin converting enzyme inhibitor, captopril, inhibits cardiac hypertrophy without changing collagen types and concentration in spontaneously hypertensive rats.

Characterization and localization of an ATP-diphosphohydrolase on the external surface of the tegument of *Schistosoma mansoni*.

DNA topoisomerases and the DNA lesion in human genetic instability syndromes.

Desensitization of beta-1 and beta-2, but not beta-3, adrenoceptor-mediated lipolytic responses of adipocytes after long-term norepinephrine infusion.

Molecular mechanism of drug photosensitization. 4. Photohemolysis sensitized by carprofen.

Iron protein succinylate in the treatment of iron deficiency: controlled, double-blind, multicenter clinical trial on over 1,000 patients.

The effect of NG-nitro-L-arginine methyl ester upon basal blood flow and endothelium-dependent vasodilatation in the dog hindlimb.

Calcium ions are required for cell fusion mediated by the CD4-human immunodeficiency virus type 1 envelope glycoprotein interaction.

[Mechanism of the cytologic action of streptolysin O: effect of scavengers of active oxygen species and complexons on erythrocyte hemolysis].

Red blood cell regeneration induced by subcutaneous recombinant erythropoietin: iron-deficient erythropoiesis in iron-replete subjects.

Effects of restricted feeding on the absorption, metabolism, and accumulation of pentachlorobenzene in rats.

The effect of ischaemia on xanthine oxidase activity in rat intestine and liver.

Role of tyrosine phosphorylation in radiation-induced activation of c-jun protooncogene in human lymphohematopoietic precursor cells.

Teratogenicity and immunotoxicity of 3,3',4,4',5-pentachlorobiphenyl in C57BL/6 mice.

Metabolism of iron from (3,5,5-trimethylhexanoyl)ferrocene in rats. A dietary model for severe iron overload.

Augmentation by erythropoietin of the fetal-hemoglobin response to hydroxyurea in sickle cell disease.

Reversal of developmental delays in iron-deficient anaemic infants treated with iron.

Modification of clastogenicity of three known clastogens by garlic extract in mice in vivo.

[2 cases report of open heart surgery with non-blood transfusion in severe valvular heart disease with cardiac cachexia--the efficacy of recombinant human erythropoietin].

Unchanged protein binding of penbutolol in renal insufficiency: a possible role of carbamylation.

[Iron deficiency anemia: a current problem].

Fe²⁺ ions and reduced glutathione--chemical activators of psoralen-sensitized photohaemolysis.

Activation of tumoricidal properties in macrophages by lipopolysaccharide requires protein-tyrosine kinase activity.

F reticulocyte response in sickle cell anemia treated with recombinant human erythropoietin: a double-blind study.

Suppressive effect of an oral sorbent on the accumulation of p-cresol in the serum of experimental uremic rats.

Ten and ninety-day toxicity studies of 2-chlorophenol in Sprague-Dawley rats.

Assessment of past occupational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin using blood lipid analyses.

Malignant lymphomas and leukemias, and exposures in the wood industry: an industry-based case-referent study.

Assessment of vitamin A status in pregnant women as reflected by in vitro destruction of vitamin A by hemolysates and urinary ammonium nitrogen to creatinine ratio.

Synthesis of prothymosin alpha deduced from nucleotide sequence of the murine cDNA and its effect on the impaired T lymphocytes of uremic patients.

Cytogenetic studies in lymphocytes of workers exposed to 2,3,7,8-TCDD.

Mechanisms of carcinogenicity of methyl halides.

Comparative bioavailability of ferric polymaltose and ferrous sulphate in iron-deficient blood donors.

Protein tyrosine kinase activation is required for lipopolysaccharide induction of cytokines in human blood monocytes.

Transport mechanism of 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitors at the blood-brain barrier.

HLA class II molecule-mediated signal transduction mechanism responsible for the expression of interleukin-1 beta and tumor necrosis factor-alpha genes induced by a staphylococcal superantigen.

Cadmium induces interleukin-8 production in human peripheral blood mononuclear cells with the concomitant generation of superoxide radicals.

Inhibition of coaggregation between *Porphyromonas gingivalis* and *Streptococcus oralis* by fibrinogen fragments.

Platelet adhesion to cyanogen-bromide fragments of collagen alpha 1(I) under flow conditions.

Chlorate poisoning: mechanism of toxicity.

Intracellular signaling in arthropod blood cells: involvement of protein kinase C and protein tyrosine phosphorylation in the response to the 76-kDa protein or the beta-1,3-glucan-binding protein in crayfish.

Effect of dose, time, and pretreatment on the biliary excretion and tissue distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat.

Induction of neutrophil homotypic adhesion via sialophorin (CD43), a surface sialoglycoprotein restricted to haemopoietic cells.

Angiotensin II-mediated facilitation of sympathetic neurotransmission in the spontaneously hypertensive rat is not associated with neuronal uptake of the peptide.

Isolation and characterization of an intracellular serine proteinase inhibitor from a monkey kidney epithelial cell line.

Human xenobiotic metabolizing esterases in liver and blood.

Luminol-enhanced chemiluminescence induced in peripheral blood-derived human phagocytes: obligatory requirement of myeloperoxidase exocytosis by monocytes.

Differences in the transbilayer and lateral motions of fluorescent analogs of phosphatidylcholine and phosphatidylethanolamine in the apical plasma membrane of bovine aortic endothelial cells.

Ifosfamide. Patient care management.

Importance of venular flow in control of arteriolar diameter in hamster cremaster muscle.

CYP1A1 mRNA levels as a human exposure biomarker: use of quantitative polymerase chain reaction to measure CYP1A1 expression in human peripheral blood lymphocytes.

Measurement of chromosomal aberrations, sister chromatid exchange, hprt mutations, and DNA adducts in peripheral lymphocytes of human populations at increased risk for cancer.

Genetic toxicity of a mixture of fifteen pesticides commonly found in the Italian diet.

Restricted transport of cyclosporin A across the blood-brain barrier by a multidrug transporter, P-glycoprotein.

Introduction of lysine and clot binding properties in the kringle one domain of tissue-type plasminogen activator.

Effects of oral administration of brassica secondary metabolites, allyl cyanide, allyl isothiocyanate and dimethyl disulphide, on the voluntary food intake and metabolism of sheep.

Responses of smooth muscle cells to platelet-derived growth factor are inhibited by herbimycin-A tyrosine kinase inhibitor.

The complete amino acid sequence of a thrombin-like enzyme/gyroxin analogue from venom of the bushmaster snake (*Lachesis muta muta*).

Ion transport ATPases as targets for free radical damage. Protection by an aminosteroid of the Ca²⁺ pump ATPase and Na⁺/K⁺ pump ATPase of human red blood cell membranes.

Evaluation of human blood lymphocytes as a model to study the effects of drugs on human mitochondria. Effects of low concentrations of amiodarone on fatty acid oxidation, ATP levels and cell survival.

NTP technical report on the toxicity studies of Pesticide/Fertilizer Mixtures Administered in Drinking Water to F344/N Rats and B6C3F1 Mice.

Photodynamic effects of new silicon phthalocyanines: in vitro studies utilizing rat hepatic microsomes and human erythrocyte ghosts as model membrane sources.

Relatively immediate relaxant effects of cholera toxin on isolated rabbit blood vessels.

A physiologically based pharmacokinetic model for 2,3,7,8-tetrabromodibenzo-p-dioxin (TBDD) in the rat: tissue distribution and CYP1A induction.

Sulphonylurea drugs no longer inhibit ATP-sensitive K⁺ channels during metabolic stress in cardiac muscle.

Purification, kinetic properties and primary structure of bovine erythrocyte acylphosphatase.

Effects of metabolic inhibition on cytoplasmic calcium and contraction in smooth muscle of rat portal vein.

Assignment of intrachain disulfide bonds in platelet-derived growth factor B-chain.

Circulating human pregnancy-associated plasma protein-A is disulfide-bridged to the proform of eosinophil major basic protein.

Enhancement of neutrophil-mediated injury to bovine pulmonary endothelial cells by *Pasteurella haemolytica* leukotoxin.

Erythrocyte incorporation of ingested ^{58}Fe by 56-day-old breast-fed and formula-fed infants.

Modification of P450 activity and its effect on 1,2-dichlorobenzene toxicity in Fischer 344 rats.

[Toxicology of tobacco].

Serum-stimulated cell cycle progression and stress protein synthesis in C3H10T1/2 fibroblasts treated with sodium arsenite.

Internalization and degradation of anti-CD4 monoclonal antibodies bound to human peripheral blood lymphocytes.

Purification of a *Pasteurella haemolytica* serotype 1-specific polysaccharide epitope by use of monoclonal antibody immunoaffinity.

NTP Toxicology and Carcinogenesis Studies of Pentachloroanisole (CAS No. 1825-21-4) in F344 Rats and B6C3F1 Mice (Feed Studies).

Acute inflammatory response to sheep red blood cell challenge in mice treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): phenotypic and functional analysis of peritoneal exudate cells.

Propachlor-S-cysteine: a major circulating metabolite in the calf, pig and rat after administration of propachlor.

[Use of arylsulfenylchlorides for cleaving fibrinogen at methionine residues].

The amino terminal sequence of VP60 from rabbit hemorrhagic disease virus supports its putative subgenomic origin.

Movement of fluorescein and its glucuronide across retinal pigment epithelium-choroid.

A selection of biological indicators in occupational exposure to toluene and xylene.

Identification of 40 S ribosomal protein S6 phosphorylation sites in Swiss mouse 3T3 fibroblasts stimulated with serum.

Amino-acid sequence of the alpha D- and beta-polypeptide chains of the Japanese quail hemoglobin.

Measurements of year-long exposure to tree nursery workers using multiple pesticides.

Semicarbazide protection from in vivo oxidant injury of vascular tissue by allylamine.

The Streptococcus sanguis platelet aggregation-associated protein. Identification and characterization of the minimal platelet-interactive domain.

Nature and role of xenobiotic metabolizing esterases in rat liver, lung, skin and blood.

Polymorphism of glutathione conjugation of methyl bromide, ethylene oxide and dichloromethane in human blood: influence on the induction of sister chromatid exchanges (SCE) in lymphocytes.

Mechanism of cytoplasmic calcium changes in platelets in contact with polystyrene and poly(acrylamide-co-methacrylic acid) surfaces.

Neuropsychological effects of chronic exposure to environmental dioxins and furans.

Effects of acute sodium arsenite administration on the pulmonary chemical metabolizing enzymes, cytochrome P-450 monooxygenase, NAD(P)H:quinone acceptor oxidoreductase and glutathione S-transferase in guinea pig: comparison with effects in liver and kidney.

Determination of cocaine and benzoylecgonine by derivatization with iodomethane-D3 or PFPA/HFIP in human blood and urine using GC/MS (EI or PCI mode).

Neutrophil-mediated damage to human vascular endothelium. Role of cytokine activation.

Intestinal solubility and absorption of ferrous iron in growing rats are affected by different dietary pectins.

Biological monitoring of occupational pesticides exposure.

In vivo correlation of Doppler waveform analysis with arterial input impedance parameters.

Molecular interactions between tissue-type plasminogen activator and plasminogen.

Comparative pharmacokinetics of ifosfamide, 4-hydroxyifosfamide, chloroacetaldehyde, and 2- and 3-dechloroethylifosfamide in patients on fractionated intravenous ifosfamide therapy.

Chlorinated dibenzo-p-dioxins and dibenzofurans and the human immune system. 1. Blood cell receptors in volunteers with moderately increased body burdens.

Herbicides and cancer.

Occupational risk factors for acute leukaemia: a case-control study.

Toxicokinetics of cinnamaldehyde in F344 rats.

Toxicology and hazard potential of trifluralin.

Marked interanimal differences in susceptibility of Sprague-Dawley rats to diquat-induced oxidative stress in the liver: correlation with hepatic uptake of diquat.

The immune response of sheep to subclinical chronic exposure to the herbicide Bentazon TP.

Pharmacokinetic concepts in assessing intake of pentachlorophenol by rats after exposure through drinking water.

Changes in erythropoietic activity of *Sarotherodon mossambicus* exposed to sublethal concentrations of the herbicide diuron.

The effect of teratogens on maternal corticosterone levels and cleft incidence in A/J mice.

The Ca²⁺-transport-ATPase of human erythrocytes as an in vitro toxicity test system--acute effects of some chlorinated compounds.

One-year toxicity of orally administered acrolein to the beagle dog.

Pulmonary hemodynamics and lung function during chronic paraquat poisoning in sheep. Possible role of reactive oxygen species.

Soft tissue sarcoma, aplastic anaemia, and exposure to pesticides.

Antioxidant-dependent inhibition of diquat-induced toxicity in vivo.

Protective effects of antioxidants on paraquat-induced acute renal failure in mice.

Disposition, bioavailability, and serum protein binding of pentachlorophenol in the B6C3F1 mouse.

Investigations of the acute toxic, cytogenetic, and embryotoxic activity of buminafos.

NTP technical report on the toxicity studies of Glyphosate (CAS No. 1071-83-6) Administered In Dosed Feed To F344/N Rats And B6C3F1 Mice.

Effects of concentration reduction and partial replacement of paraquat by diquat on human toxicity: a clinical survey.

[Toxic and drug-induced lesions of the pulmonary parenchyma].

Limited immunotoxic potential of technical formulation of the herbicide atrazine (AAtrex) in mice.

[Appearance of different panmyelopathies in the same patient].

Cytogenetic studies of herbicide interactions in vitro and in vivo using atrazine and linuron.

Acute toxicological studies on paraquat: pathological findings in beagle dogs following single subcutaneous injections.

Aplastic anaemia and cyanamide.

Subacute toxicity of paraquat in beagle dogs: clinicopathology and pathologic examinations.

Smoke aldehyde component influences pulmonary edema.

[Evaluation of the mutagenic activity of ammonium nitrate and dimethylamine salt of 2,4-dichlorophenoxyacetic acid].

Morphological changes on nerves and histopathological effects on liver and kidney of rats by pentachlorophenol (PCP).

Mechanisms of aldehyde-induced bronchial reactivity: role of airway epithelium.

Cytogenetic effects of alachlor and/or atrazine in vivo and in vitro.

[Drug-induced acute renal failure].

Fatal paraquat poisoning: a light microscopic study in eight autopsy cases.

Continuous arteriovenous haemoperfusion (CAVHP) for treatment of paraquat poisoning.

The effect of Lasso herbicide on human immune function as measured by in vitro assays.

Microtiter particle agglutination test for diagnosis of leprosy.

Efficacy of whole bowel irrigation using solutions with or without adsorbent in the removal of paraquat in dogs.

Platelet prevention of oxidant lung oedema is not mediated through scavenging of hydrogen peroxide.

The effect of a commercial 2,4-D formulation on chemical- and viral-induced tumor production in mice.

Spermine dialdehyde, a novel ex vivo purging agent for both allogenic and autologous bone marrow transplantations.

Cyclophosphamide decreases O⁶-alkylguanine-DNA alkyltransferase activity in peripheral lymphocytes of patients undergoing bone marrow transplantation.

No evidence of intracellular oxidative stress during ischemia-reperfusion damage in rat liver in vivo.

Selective eosinophil leukocyte recruitment by transendothelial migration and not by leukocyte-endothelial cell adhesion.

Endothelial dysfunction of resistance arteries of spontaneously hypertensive rats.

Transport of paraquat and mexiletine from the blood into the rat intestinal lumen and peritoneal cavity.

The formation of stable acetaldehyde-hemoglobin adducts in a red blood cell model.

Quantitation of cinnamaldehyde and cinnamic acid in blood by HPLC.

Inhibition of sodium-dependent transport systems in LLC-PK1 cells by metabolites of ifosfamide.

Plasma membrane as a site of redox activation of daunomycin in intact human erythrocytes.

Quantitative evaluation of the hydrogen peroxide produced by the membrane with respect to the cytosol.

Pharmacokinetics of fluzafop-butyl in human volunteers. II: Dermal dosing.

Ethanol-induced motor activity in normal and acatalasemic mice.

Paraquat-induced lung injury: prevention by N-tert-butyl-alpha-phenylnitron, a free-radical spin-trapping agent.

Effect of atrazine on hemopoietic system.

Clinical responses in relation to blood acetaldehyde levels.

Conifer seedling nursery worker exposure to glyphosate.

Modification of liver and serum enzymes by paraquat treatment in rabbits.

Genotoxic effects of sodium arsenite on human cells.

The pyrimido-pyrimidine derivative RA-642 protects from brain injury in a combined model of permanent focal ischemia and global ischemia reperfusion.

Effects of eating an uncooked vegetable diet for 1 week.

Protein tyrosine phosphorylation as an indicator of 2,3,7,8-tetrachloro-p-dioxin exposure in vivo and in vitro.

Development of monoclonal antibodies that identify *Vibrio* species commonly isolated from infections of humans, fish, and shellfish.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin or 2,2',4,4',5,5'-hexachlorobiphenyl on vitamin K-dependent blood coagulation in female germfree WAG/Rij-rats.

Evidence of a neurogenic component during IgE-mediated inflammation in mouse skin.

Structure of dietary pectin, iron bioavailability and hemoglobin repletion in anemic rats.

Mechanism of the increase in intracellular sodium during metabolic inhibition: direct evidence against mediation by voltage-dependent sodium channels.

Cytosolic and intranuclear calcium signals in rat basophilic leukemia cells as revealed by a confocal fluorescence microscope.

Increased serum catalase activity in septic patients with the adult respiratory distress syndrome.

Hematopoietic cytokines inhibit apoptosis induced by transforming growth factor beta 1 and cancer chemotherapy compounds in myeloid leukemic cells.

Cytochemical detection of superoxide in cerebral inflammation and ischemia in vivo.

Control of growth and differentiation of Philadelphia chromosome-positive leukemia cells by tyrosine kinase inhibitors.

Iron deficiency and anemia of chronic disease. Clues to differentiating these conditions.

Photosensitization by anticancer agents. 11. Mechanisms of photosensitization of human leukemic cells by diaminoanthraquinones: singlet oxygen and radical reactions.

Effect of herbimycin A, an antagonist of tyrosine kinase, on bcr/abl oncoprotein-associated cell proliferations: abrogative effect on the transformation of murine hematopoietic cells by transfection of a retroviral vector expressing oncoprotein P210bcr/abl and preferential inhibition on Ph1-positive leukemia cell growth.

Protein tyrosine phosphorylation induced via the IgG receptors Fc gamma R_I and Fc gamma R_{II} in the human monocytic cell line THP-1.

Purification, phosphorylation and control of the guanine-nucleotide-exchange factor from rabbit reticulocyte lysates.

Thyroid albumin originates from blood.

Bioavailability to rats and toxicity of bound residues in bean seeds fumigated with ¹⁴C-methyl bromide.

Hypoxia induces glucose transporter expression in endothelial cells.

A case of ulcerative colitis induced by oral ferrous sulfate.

The effects of beraprost Na, a stable prostacyclin analog, on animal models of stroke.

Herbimycin A, an inhibitor of tyrosine kinase, prolongs survival of mice inoculated with myeloid leukemia C1 cells with high expression of v-abl tyrosine kinase.

Effect of iron supplementation on endurance capacity in iron-depleted female runners.

Persistent brominated and chlorinated dioxin blood levels in a chemist. 35 years after dioxin exposure.

Chronic sodium azide treatment impairs learning of the Morris water maze task.

Chemiluminescence assay of mucosal reactive oxygen metabolites in inflammatory bowel disease.

Protein-linked isoprenoid lipids in dexamethasone-treated human lymphoid lines in culture.

Localization of the reflex pathway responsible for the vasodepressor reaction induced by inferior vena caval occlusion and isoproterenol.

Extraembryonic tissue changes induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,4,7,8-pentachlorodibenzofuran with a note on direction of maternal blood flow in the labyrinth of C57BL/6N mice.

[Trace analysis for drugs and poisons in human tissues].

[Differentiation therapy of hematologic malignancies: principles, current status and perspectives].

A single base mutation in the gene for type III collagen (COL3A1) converts glycine 847 to glutamic acid in a family with Ehlers-Danlos syndrome type IV. An unaffected family member is mosaic for the mutation.

Energy-dependent accumulation of daunorubicin into subcellular compartments of human leukemia cells and cytoplasts.

Effects of acid-base status on acute hypoxic pulmonary vasoconstriction and gas exchange.

Cancer incidence following chlorophenol exposure in a community in southern Finland.

Large hiatal hernias, anemia, and linear gastric erosion: studies of etiology and medical therapy.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on blood and spleen natural killer (NK) cell activity in the mouse.

Pesticides and other agricultural risk factors for non-Hodgkin's lymphoma among men in Iowa and Minnesota.

Heat-shock responsive elements in the induction of the multidrug resistance gene (MDR1).

Integration of the human lymphocyte into immunotoxicological investigations.

Chemical burn with cresol intoxication and multiple organ failure.

The effect of ethanol metabolism on ferritin uptake by freshly isolated rat hepatocytes: is acetaldehyde responsible for this alteration?

Cancer risk among Danish and Italian farmers.

Neutrophil accumulation in ischemic reperfused rat liver: evidence for a role for superoxide free radicals.

Cytochrome oxidase inhibition: a novel animal model of Alzheimer's disease.

Effect of acidosis and anoxia on iron delocalization from brain homogenates.

Induction of differentiation of human leukemia cells with a structurally altered c-abl (bcr/abl) gene by herbimycin A, an inhibitor of tyrosine kinase activity.

Permeation and destructive effects of disinfectants on protective gloves.

Monoclonal antibodies specific to porin of Haemophilus influenzae type b: localization of their cognate epitopes and tests of their biological activities.

An osteopenic nonfracture syndrome with features of mild osteogenesis imperfecta associated with the substitution of a cysteine for glycine at triple helix position 43 in the pro alpha 1(I) chain of type I collagen.

Glycosylation-inhibiting factor from human T cell hybridomas constructed from peripheral blood lymphocytes of a bee venom-sensitive allergic patient.

[Analysis of iron prescription tolerance in a prenatal consultation].

Mortality of a young population after accidental exposure to 2,3,7,8-tetrachlorodibenzodioxin.

Cassava cyanogens and konzo, an upper motoneuron disease found in Africa.

Potential antitumor agents. 64. Synthesis and antitumor evaluation of dibenzo[1,4]dioxin-1-carboxamides: a new class of weakly binding DNA-intercalating agents.

A tradition of testing ironclad practices.

Serum 2,3,7,8-tetrachlorodibenzo-p-dioxin levels of New Zealand pesticide applicators and their implication for cancer hypotheses.

Metabolically dependent blood-brain barrier breakdown in chronic relapsing experimental allergic encephalomyelitis.

Sex differences in monochloroacetate pretreatment effects on chloroform toxicity in rats.

Toxicity of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats after single oral administration.

Tardyferon therapy in hyposiderosis of infancy and childhood.

Effects of herbimycin A derivatives on growth and differentiation of K562 human leukemic cells.

Toxicity of monochloroacetic acid administered by gavage to F344 rats and B6C3F1 mice for up to 13 weeks.

[Dark and photosensitized hemolysis of erythrocytes in the presence of dithranol].

Placental transport of dioxins from mother to fetus. II. PCBs, dioxins and furans and vitamin K metabolism.

[Results of therapy of anemia in pregnancy].

Internal exposure to organic substances in a municipal waste incinerator.

A prospective open-label study evaluating the efficacy and adverse reactions of the use of Niferex-150 in ESRD patients receiving EPOGEN.

Relationship between the cytolytic tenebrosin-C from *Actinia tenebrosa* and equinatoxin II from *Actinia equina*.

Amelioration of dermal lesions in streptozotocin-induced diabetic rats by aminoguanidine.

The hemolytic activity of deoxynivalenol and T-2 toxin.

Enhanced suppression of humoral immunity in DBA/2 mice following subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Tiaprofenic acid-induced photohemolysis in vitro is inhibited by nimesulide.

Astrocyte glutamate uptake during chemical hypoxia in vitro.

Effect of inorganic phosphate on hypoxanthine transport in isolated brain microvessels.

Zymosan-triggered tyrosine phosphorylation in mouse bone-marrow-derived macrophages is enhanced by respiratory-burst priming agents.

Murine strain differences in metabolism and bladder toxicity of cyclophosphamide.

Low molecular weight, non-peptide fibrinogen receptor antagonists.

Effect of increased tissue oxygen uptake on autoregulation in postnatal intestine.

Effect of enhanced erythropoiesis on iron absorption.

(S)- and (R)-[11C]nicotine and the metabolite (R/S)-[11C]cotinine. Preparation, metabolite studies and in vivo distribution in the human brain using PET.

Effect of serum-free medium on cytochrome P450-dependent metabolism and toxicity in rat cultured hepatocytes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes reduction of glucose transporting activities in the plasma membranes of adipose tissue and pancreas from the guinea pig.

Synergism among oxidants, proteinases, phospholipases, microbial hemolysins, cationic proteins, and cytokines.

Percutaneous absorption of nicotinic acid, phenol, benzoic acid and triclopyr butoxyethyl ester through rat and human skin in vitro: further validation of an in vitro model by comparison with in vivo data.

Iron for autologous blood donors needs more work.

Phagocytosis of liposomes by human platelets.

Importance of type I and type II mechanisms in the photodynamic inactivation of viruses in blood with aluminum phthalocyanine derivatives.

Uptake of polyamines by human endothelial cells. Characterization and lack of effect of agonists of endothelial function.

The potentiation of 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity by tamoxifen in female CD1 mice.

Dermal absorption of chemicals: effect of application of chemicals as a solid, aqueous paste, suspension, or in volatile vehicle.

Plasma alpha 1-acid glycoprotein concentration in rats with chemical liver injury.

Initial hydrogenation during catabolism of picric acid by *Rhodococcus erythropolis* HL 24-2.

Degradation of 2,4-dinitrophenol by two *Rhodococcus erythropolis* strains, HL 24-1 and HL 24-2.

Induction of thermotolerance by chemical agents in enucleate erythrocytes.

Heparin removal from blood using poly(L-lysine) immobilized hollow fiber.

Morbidity study of extruder personnel with potential exposure to brominated dioxins and furans. I. Results of blood monitoring and immunological tests.

Effects of antibacterial agents on in vitro ovine ruminal biotransformation of the hepatotoxic pyrrolizidine alkaloid jacobine.

Human fibrinogen heterogeneity: the COOH-terminal residues of defective A alpha chains of fibrinogen II.

The effect of chronic radiation on the humoral immune response of rainbow trout (*Onchorhynchus mykiss* Walbaum).

Surgical and pharmacological dissociation of cardiovascular and emetic responses to intragastric CuSO₄.

Chemical modification of Glu-953 of the alpha chain of Na⁺,K⁽⁺⁾-ATPase associated with inactivation of cation occlusion.

NTP technical report on the toxicity studies of para-Chloro-alpha,alpha,alpha Trifluorotoluene (CAS NO: 98-56-6) Administered in Corn Oil and alpha-Cyclodextrin to F344/N Rats and B6C3F1 Mice in 14-Day Comparative Gavage Studies.

Involvement of nonparenchymal cells in oxygen-dependent hepatic injury by allyl alcohol.

Arsenic concentrations in tissues and body fluids of dogs on chronic low-level dietary sodium arsenite.

Molecular cloning of rat prostate transglutaminase complementary DNA. The major androgen-regulated protein DP1 of rat dorsal prostate and coagulating gland.

Deamidation of human erythrocyte protein 4.1: possible role in aging.

Artificial liver.

Characterization of mineral-binding 40-kDa glycoprotein extracted from young adult rabbit alveolar bone.

Cyclophosphamide cystitis in rats: involvement of capsaicin-sensitive primary afferents.

Cross-reactive immunodeterminants on *Streptococcus sanguis* and collagen. Predicting a structural motif of platelet-interactive domains.

Dipyridamole inhibits platelet aggregation induced by oxygen-derived free radicals.

Calmodulin increases Ca-dependent inhibition of the Na,K-ATPase in human red blood cells.

Generation and functional characterization of ovine bone marrow-derived macrophages.

Ferric(III) ions inhibits copper(II)/hydrogen peroxide-catalyzing lipid peroxidation in human erythrocyte membranes.

Influence of metabolic inhibitors on the degradation of tight junctions in HT29 cells.

Low concentrations of sodium azide specifically inhibit a thromboxane A₂ pathway in human platelets.

[Changes in specific reaction of erythrocytes to the antigen after administration of methylene blue and sodium azide].

Distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in splenic tissue of C57BL/6J mice.

Amino acid sequence of fibrolase, a direct-acting fibrinolytic enzyme from *Agkistrodon contortrix contortrix* venom.

Interleukin-1 beta suppresses the induction of P4501A1 and P4501A2 mRNAs in isolated hepatocytes.

Dissociation of a new glutathione S-transferase activity in human erythrocytes.

Characterization of the thromboxane receptor mediating prostacyclin release from cultured endothelial cells.

Comparison of fibrin-mediated stimulation of plasminogen activation by tissue-type plasminogen activator (t-PA) and fibrin-dependent enhancement of amidolytic activity of t-PA.

Localization in the fibrinogen gamma-chain of a new site that is involved in the acceleration of the tissue-type plasminogen activator-catalysed activation of plasminogen.

Photoaffinity labeling of the primary fibrin polymerization site: isolation and characterization of a labeled cyanogen bromide fragment corresponding to gamma-chain residues 337-379.

Benzoquinonoid ansamycins possess selective tumoricidal activity unrelated to src kinase inhibition.

Differential effects of drugs upon hematopoiesis can be assessed in long-term bone marrow cultures established on nylon screens.

Physiological properties of liver, gonads and muscle during maturation of female Atlantic salmon, *Salmo salar*. Comparison between a control and xenobiotics containing fish feed.

Absorptive-mediated endocytosis of an adrenocorticotrophic hormone (ACTH) analogue, ebitatide, into the blood-brain barrier: studies with monolayers of primary cultured bovine brain capillary endothelial cells.

Inhibition of tyrosine phosphorylation prevents thrombin-induced mitogenesis, but not intracellular free calcium release, in vascular smooth muscle cells.

NTP Toxicology and Carcinogenesis Studies of Methyl Bromide (CAS: 74-83-9) in B6C3F1 Mice (Inhalation Studies).

Liquid flow across the epithelium of the artificially perfused lung of fetal and postnatal sheep.

Serotonin and norepinephrine vasoconstriction in rat hindlimb have different oxygen requirements.

The effect of oral iron supplementation on erythropoiesis in autologous blood donors.

Preparation and biodistribution in mice of [¹¹C]carfentanil: a radiopharmaceutical for studying brain mu-opioid receptors by positron emission tomography.

Iron supplementation after femoral head replacement for patients with normal iron stores.

Purification and characterization of a mutant human platelet phospholipase A2 expressed in *Escherichia coli*. Cleavage of a fusion protein with cyanogen bromide.

On the molecular interactions between plasminogen-staphylokinase, alpha 2-antiplasmin and fibrin.

NTP Toxicology and Carcinogenesis Studies of Monochloroacetic Acid (CAS No. 79-11-8) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Characterization of bilirubin transport system by human peripheral blood mononuclear cells.

Activity of oxytocinergic neurons in the paraventricular nucleus mirrors the periodicity of the endogenous stimulatory rhythm regulating prolactin secretion.

The influence of erythrocyte shape on suspension viscosities.

Accidental death caused by the absorption of 2,4-dichlorophenol through the skin.

Polyhalogenated dibenzo-p-dioxins and dibenzofurans and the immune system. 4. Effects of multiple-dose treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on peripheral lymphocyte subpopulations of a non-human primate (*Callithrix jacchus*).

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on benzo(a)pyrene hydroxylase activity in embryos of the Japanese medaka (*Oryzias latipes*).

Effect of cosubstrates on the dechlorination of selected chlorophenolic compounds by *Rhodococcus erythropolis* 1CP.

Failure of CAPD patients to respond to an oral iron absorption test.

Analysis of DNA strand breaks induced in rodent liver in vivo, hepatocytes in primary culture, and a human cell line by chlorinated acetic acids and chlorinated acetaldehydes.

Production of polyclonal antibody to the bovine adrenal atrial natriuretic factor-R1 receptor.

Contrasting influences of central and peripheral opioids on cardiac baroreflex sensitivity in rabbits.

[Effect of almitrine in acute canine lung injury induced by paraquat].

Occupational exposure of electrical utility linemen to pentachlorophenol.

[Immunomorphological analysis of prolonged intoxication by low doses of herbicide simazine].

Conjugates of superoxide dismutase with the Fc fragment of immunoglobulin G.

Marijuana and tobacco smoke gas-phase cytotoxins.

Fructose 1,6-diphosphate augments paraquat injury in isolated dog lungs.

Evidence that paraquat is able to cross the blood-brain barrier to a different extent in rats of various age.

[Is it appropriate to consider wood preservative poisoning in the differential diagnosis of chronic recurrent respiratory tract infections?].

Wood preservatives, solvents, and thrombocytopenic purpura.

[Arachidonic acid metabolism and angiotensin converting enzyme activity by cultured porcine pulmonary artery endothelial cells are affected with paraquat].

Assessment of lawn care worker exposure to dithiopyr.

Oncogenicity study of trifluralin in B6C3F1 mice.

Role of metabolites in propanil-induced hemolytic anemia.

Intra-nigral infusion of Cu-free superoxide dismutase prevents paraquat-induced behavioural stimulation and ECoG epileptogenic discharges in rats.

Genotoxicity studies on the preemergence herbicide trifluralin.

Cytogenetic biomonitoring of an Italian population exposed to pesticides: chromosome aberration and sister-chromatid exchange analysis in peripheral blood lymphocytes.

Predicting outcomes in paraquat poisonings.

Effects of hexachlorobenzene and its metabolites pentachlorophenol and tetrachlorohydroquinone on serum thyroid hormone levels in rats.

[Acute poisoning caused by the herbicide dichlorprop (preparation SYS 67 PROP)].

A fatal case of parenteral paraquat poisoning.

Protective effect of taurine against acute paraquat intoxication in rats.

Contribution of 3,4-dichlorophenylhydroxylamine in propanil-induced hemolytic anemia.

Inhibition of human and rabbit platelet aggregation by chlorophenoxyacid herbicides.

Immunohistochemical localization of paraquat in lung and brain.

Effects of 2,4,5-trichlorophenoxyacetic acid, pentachlorophenol, methylprednisolone, and Freund's adjuvant on 2-hydroxyethylnitrosourea carcinogenesis in MRC-Wistar rats.

Inhibition of platelet aggregation and thromboxane A₂ production by chlorophenoxy acid herbicides.

Human lymphocyte reactivity after in vitro exposure to technical and analytical grade pentachlorophenol.

Effects of acute 2,4-dichlorophenoxyacetic acid intoxication on some rat serum components and enzyme activities.

Acute poisoning with a glyphosate-surfactant herbicide ('Roundup'): a review of 93 cases.

The effect of free radicals induced by paraquat and copper on the in vitro development of *Plasmodium falciparum*.

Marked augmentation of nocturnal melatonin secretion in amenorrheic athletes, but not in cycling athletes: unaltered by opioidergic or dopaminergic blockade.

Cyclophosphamide-associated carcinoma of urothelium: modalities for prevention.

[Morphological evidence of the possible role of cytochrome P-450 in the development of an autoimmune process in the liver].

Use and mechanism of action of AS101 in protecting bone marrow colony forming units-granulocyte-macrophage following purging with ASTA-Z 7557.

Methemoglobin formation by potassium ferrocyanide in the hemolysate of acatalasemic mice.

Oxygen metabolite effects on creatine kinase and cardiac energetics after reperfusion.

Prolonged exposure to wood preservatives induces endocrine and immunologic disorders in women.

Inhibition of cellular thymidylate synthesis by cytotoxic propenal derivatives of pyrimidine bases and deoxynucleosides.

Evidence for acrolein-modified DNA in peripheral blood leukocytes of cancer patients treated with cyclophosphamide.

Protection against free radical-induced and transition metal-mediated damage: the use of "pull" and "push" mechanisms.

Free radical production and ischemic brain damage: influence of postischemic oxygen tension.

Cytochemical studies of hydrogen peroxide generation in postischemic hepatocytes.

Formation of the 37KD liver protein-acetaldehyde adduct in vivo and in vitro.

Hydrogen peroxide and ischemic renal injury: effect of catalase inhibition.

The role of catalase in protecting erythrocytes against methemoglobin formation.

Red cell regulation of tumor necrosis factor-induced human neutrophil cytostatic activity.

Detection of acrolein and crotonaldehyde DNA adducts in cultured human cells and canine peripheral blood lymphocytes by ³²P-postlabeling and nucleotide chromatography.

Enzyme mediated superoxide radical formation initiated by exogenous molecules in rat brain preparations.

Effect of 3-amino-1,2,4-triazole on ethanol-induced narcosis, lethality and hypothermia in rats.

Application of ELISA techniques to metabolic disposition studies for 1,3-dinitrobenzene: comparison with HPLC and radiochemical methods.

Biochemical studies carried out on different groups of *Candida parapsilosis* and *Candida rhagii* strains by comparing some cellular and mitochondrial activities.

Gastrointestinal absorption of paraquat in the isolated mucosa of the rat.

[Chemical and biochemical studies on reactivities, formations and toxicities of reactive oxygen species].

Urinary excretion of acetylcyanamide in rat and human after oral and dermal application of hydrogen cyanamide (H₂N₂CN).

Relationship between oxidative stress and hepatic phosphoglucomutase activity in rats.

Bioconcentration of atrazine, zinc and iron in the blood of *Tilapia sparrmanii* (Cichlidae).

Pharmacokinetics and metabolism of triclopyr in the crayfish (*Procambarus clarki*).

IgE-induced tyrosine phosphorylation of phospholipase C-gamma 1 in rat basophilic leukemia cells.

Expression of HSP-28 and three HSP-70 genes during the development and decay of thermotolerance in leukemic and nonleukemic human tumors.

Induction of NAD(P)H:quinone reductase in human peripheral blood lymphocytes.

Hypoxia induces endothelial cell synthesis of membrane-associated proteins.

Protein kinase C regulates proliferation of mast cells and the expression of the mRNAs of fos and jun proto-oncogenes during activation by IgE-Ag or calcium ionophore A23187.

Arsenite as the probable active species in the human carcinogenicity of arsenic: mouse micronucleus assays on Na and K arsenite, orpiment, and Fowler's solution.

Mechanism for enterohepatic injury caused by circulatory disturbance of hepatic vessels in the rat.

Hemolytic activity of ethylene glycol phenyl ether (EGPE) in rabbits.

Iron supplementation and running performance in female cross-country runners.

Induction of hepatic metallothionein by nonmetallic compounds associated with acute-phase response in inflammation.

Factors influencing variable oxidative hemolysis of inbred mouse erythrocytes.

Inhibitory effect of interleukin-4 on the in vitro growth of Ph1-positive acute lymphoblastic leukemia cells.

Toxic and neoplastic responses in the nasal passages: future research needs.

Homotypic aggregation of human cell lines by HLA class II-, class Ia- and HLA-G-specific monoclonal antibodies.

[The use of drinking water as a vehicle of nutrients: experimental studies with iron].

Randomized, placebo-controlled trial of iron supplementation in infants with low hemoglobin levels fed iron-fortified formula.

Molecular mechanism of drug photosensitization. Part 3. Photohemolysis sensitized by diflunisal.

The transient appearance of small blastoid cells in the marrow after bone marrow transplantation.

Intracellular calcium concentrations during "chemical hypoxia" and excitotoxic neuronal injury.

Engagement of interleukin-7 receptor stimulates tyrosine phosphorylation, phosphoinositide turnover, and clonal proliferation of human T-lineage acute lymphoblastic leukemia cells.

Breast milk, dioxins and the possible effects on the health of newborn infants.

The acute effects of S-(1,2-dichlorovinyl)-L-cysteine and related chemicals on renal function and ultrastructure in the pentobarbital-anesthetized dog: structure-activity relationships, biotransformation, and unique site-specific nephrotoxicity.

Acute neurotoxicity of sodium azide and nitric oxide.

Use of whole bowel irrigation in an infant following iron overdose.

Analysis of native forms and isoform compositions of the mouse 90-kDa heat shock protein, HSP90.

Hemolytic activity in the periodontopathogen *Porphyromonas gingivalis*: kinetics of enzyme release and localization.

[Reports on medico-legal data from the massive-investigation performed by the Medico-Legal Society of Japan--a statistical study of death by poisoning. Investigation Committee of the Medico-Legal Society of Japan].

Extracorporeal techniques in the treatment of poisoned patients.

Bioavailability of carbonyl iron: a randomized, double-blind study.

Disposition and excretion of intravenous 2,3,7,8-tetrabromodibenzo-p-dioxin (TBDD) in rats.

[The activity of formaldehyde, glutardialdehyde, peracetic acid, chloramine T (N-chlor-4-toluolsulfonamide), m-cresol, ethanol and benzyldimethyldodecylammonium bromide against bacteria which are found in coagulated blood. (Model studies for chemical disinfection of instruments)].

Gender-related differences in iron absorption by preadolescent children.

[Intestinal obstruction caused by non-absorbable tablets and Budd-Chiari syndrome in a patient with Crohn's disease].

Engraftment and development of human T and B cells in mice after bone marrow transplantation.

Ninety-day toxicity study of sodium monochloroacetate in Sprague-Dawley rats.

Iron dextran-induced muscle pain.

Absorption of low and therapeutic doses of ferric maltol, a novel ferric iron compound, in iron deficient subjects using a single dose iron absorption test.

PDGF, CSF-1, and EGF induce tyrosine phosphorylation of p120, a pp60src transformation-associated substrate.

Virus-specific B-lymphocytes are probably the primary targets for Aleutian disease virus.

Washed human platelets prevent ischemia-reperfusion edema in isolated rabbit lungs.

Hypothyroidism and acquired von Willebrand disease.

The sensitized liver represents a rich source of endogenous leukotrienes.

The issues of transport multiplicity and energetics pertaining to methotrexate efflux in L1210 cells addressed by an analysis of cis and trans effects of inhibitors.

[A new milk formula: iron bioavailability and effect on prevention of iron deficiency in infants].

Association of the crosslinked IgE receptor with the membrane skeleton is independent of the known signaling mechanisms in rat basophilic leukemia cells.

Transfusion of type-A and type-B blood to cats.

Studies of controlled reperfusion after ischemia. XXI. Reperfusate composition: superiority of blood cardioplegia over crystalloid cardioplegia in limiting reperfusion damage--importance of endogenous oxygen free radical scavengers in red blood cells.

[Breast feeding, PCBs and dioxins].

[Intravenous methyl iodide poisoning--detoxification using hemoperfusion].

Reversibility of thymic atrophy induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and bis(tri-n-butyltin)oxide (TBTO).

A one-year carcinogenicity study with 2,6-dichlorobenzonitrile (Dichlobenil) in male Swiss mice: preliminary note.

Antithrombin Vicenza, Ala 384 to Pro (GCA to CCA) mutation, transforming the inhibitor into a substrate.

[Role of collagen conformation in type II anticollagen immunity in rheumatoid polyarthritis].

Association of hyperglycemia with dietary cyanogen and socio-economic level. The study of rural communities in south-east Nigeria.

An exploratory study of environmental and medical factors potentially related to childhood cancer.

Blood levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin in chemical workers after chloracne and in comparison groups.

Chronic inhalation toxicity and carcinogenicity study of methyl bromide in Wistar rats.

Pyridine derivatives: structure-activity relationships causing parkinsonism-like symptoms.

[Massive hemoptysis ten days after bronchial extraction of an accidentally inhaled tablet of ferrous sulfate].

Altered metabolic response of iron-deficient women during graded, maximal exercise.

Investigation on the dosage/efficacy relationship of iron dextran in veal calves.

Differential effects of sodium lauryl sulphate and non-anoic acid on the expression of CD1a and ICAM-1 in human epidermis.

Polycythemia in diabetic patients on CAPD.

Vitamin B12 deficiency and infertility: report of a case.

Reduced cortisol secretion in patients with iron deficiency.

Relationship between the concanavalin A-agglutinability and deformability of human erythrocytes.

[The effect of finoptin on the metabolism and pharmacological action of cyclophosphane in vivo and in vitro].

Single-dose cyclophosphamide for the prevention of bladder tumor implantation in F344 rats: site of drug activity.

Proliferation of chick embryo neuroblasts grown in the presence of horse serum requires exogenous transferrin.

Further studies on the topography of the N-terminal region of human platelet glycoprotein IIIa.

Localization of monoclonal antibody epitopes and the putative fibrinogen-binding sites.

Rapid and sensitive quantitation of cyanide in blood and its application to fire victims.

Degradation of erythrocyte glycophorin results in increased membrane bound hemoglobin.

Characterization of the cellular binding domain and the effects of monoclonal antibodies and thrombin inhibitors on the binding and internalization of the antithrombin-III--thrombin complex by cultured cells.

NTP technical report on the toxicity studies of Cresols (CAS Nos. 95-48-7, 108-39-4, 106-44-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Novel pathways of antigen presentation for the maintenance of memory.

Comparative studies on the primary structure of acetylcholinesterases from bovine caudate nucleus and bovine erythrocytes.

Biochemical study of repair of induced osteochondral defects of the distal portion of the radial carpal bone in horses by use of periosteal autografts.

Absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) after low dose dermal exposure.

Chemoprotectants for cancer chemotherapy.

Phosphorylation sites in human erythrocyte band 3 protein.

Lung calcium-dependent phospholipid-binding proteins: structure and function.

Isolation and characterization of cDNA clones to mouse macrophage and human endothelial cell tissue transglutaminases.

[Experimental study on methyl bromide poisoning in mice. Acute inhalation study and the effect of glutathione as an antidote].

Peptide mapping of different *Bacillus thuringiensis* toxin gene products by CNBr cleavage in SDS-PAGE gels.

Nature of enhanced mitochondrial oxidative metabolism by a calf blood extract.

Intracellular regulation of the production and release of human erythroid-directed lymphokines.

Polyhalogenated dibenzo-p-dioxins and dibenzofurans and the immune system. 2. In vitro effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on lymphocytes of venous blood from man and a non-human primate (*Callithrix jacchus*).

Vagal amplification of phrenic nerve activity at different levels of ventilation in spontaneously breathing cats.

Quantitation of urinary chlorobenzene metabolites by HPLC: concentrations of 4-chlorocatechol and chlorophenols in urine and of chlorobenzene in biological specimens of subjects exposed to chlorobenzene.

Ten- and ninety-day toxicity studies of 1,2-dichlorobenzene administered by oral gavage to Sprague-Dawley rats.

Drug interaction effects on antitumour drugs (VIII): prevention of ifosfamide-induced urotoxicity by disulfiram and its effect on antitumour activity and acute toxicity of alkylating agents in mice.

[A gas-chromatographic method of analysis of monochloroacetic acid and its sodium salt in the air, skin washings, protective clothing extracts and urine].

Characterization of the cytochrome P450 isozyme that metabolizes ochratoxin A, using metabolic inducers, inhibitors and antibodies.

Free radicals promote "in vitro" a different intracellular decay of rabbit reticulocyte and erythrocyte glycolytic enzymes.

Effects of oxidants on protein breakdown in skeletal muscle.

In vitro effects of trace elements on blood clotting and platelet function. A--Iron, copper, and gold.

Accumulation and release of adrenaline, and the modulation by adrenaline of noradrenaline release from rabbit blood vessels in vitro.

Polyhalogenated dibenzo-p-dioxins and dibenzofurans and the immune system. 3. No immunosuppressive effect of 2,3,7,8-TCDD in the popliteal lymph node assay (PLNA) in rats.

Effects of cyclic nucleotides and phorbol myristate acetate on proliferation of pig aortic endothelial cells.

Factors influencing the protein binding of bumetanide using an equilibrium dialysis technique.

Characterization of the renal effects and renal elimination of sulotroban in the dog.

Comparison of the amino acid sequences of tissue-specific parvalbumins from chicken muscle and thymus and possible evolutionary significance.

Hexose uptake in primary cultures of bovine brain microvessel endothelial cells. I. Basic characteristics and effects of D-glucose and insulin.

The liver, kidney, and thyroid toxicity of chlorinated benzenes.

Use of HemoQuant assays to assess the effect of oral iron preparations on stool hemocult tests.

Active transport of ascorbic acid across the retinal pigment epithelium of the bullfrog.

NTP Toxicology and Carcinogenesis Studies of Sodium Azide (CAS: 26628-22-8) in F344 Rats (Gavage Studies).

A rapid microassay for measuring the luminol-dependent chemiluminescent response in canine whole blood.

Transport of monocarboxylic acids at the blood-brain barrier: studies with monolayers of primary cultured bovine brain capillary endothelial cells.

Studies on the mechanism of the toxic action of sodium nitrite on intestinal absorption in rats.

Induction by some protein kinase inhibitors of differentiation of a mouse megakaryoblastic cell line established by coinfection with Abelson murine leukemia virus and recombinant SV40 retrovirus.

Detection of *Streptococcus suis* type 2 in tonsils of slaughtered pigs using improved selective and differential media.

Human erythrocyte band 3 polymorphism (band 3 Memphis): characterization of the structural modification (Lys 56----Glu) by protein chemistry methods.

Occurrence of an Inhibitor of Tissue-Type Plasminogen Activator in Seeds and in Vitro Cultures of *Erythrina caffra* Thunb.

Studies on the structures of the Tm, Sj, M1, Can, Sext and Hu blood group antigens.

Effect of phosphopyridoxylation on thrombin interaction with platelet glycoprotein Ib.

Evidence for arsenic as the immunosuppressive component of gallium arsenide.

Induction of a 31,000-dalton stress protein by prostaglandins D2 and J2 in porcine aortic endothelial cells.

Energy Transduction by Anaerobic Ferric Iron Respiration in *Thiobacillus ferrooxidans*.

Quantitation of type I, III, and V collagens in human tissue samples by high-performance liquid chromatography of selected cyanogen bromide peptides.

Biophysical aspects of the integrated combination of cytostatic drugs with radiotherapy. Part 1: In vitro investigations on the kinetics of activated isophosphamide metabolites and the determination of selective properties of DNA-interstrand and DNA-protein crosslinking mechanisms using ³¹P-NMR spectroscopy.

Protamine-coated Cuprophan. A potential nonthrombogenic hemodialysis membrane with improved blood compatibility.

On the mechanism of fibrin-specific plasminogen activation by staphylokinase.

Formation of large, membrane skeleton-free erythrocyte vesicles as a function of the intracellular pH and temperature.

Complete sequence of *Sipunculus nudus* erythrocyte histone H2B and its gene. Identification of an N,N-dimethylproline residue at the amino-terminus.

The sequence A alpha-(154-159) of fibrinogen is capable of accelerating the t-PA catalysed activation of plasminogen.

Cytosolic-nuclear tumor promoter-specific binding protein: association with the 90 kDa heat shock protein and translocation into nuclei by treatment with 12-O-tetradecanoylphorbol 13-acetate.

Methylated sulfur compounds in microbial mats: in situ concentrations and metabolism by a colorless sulfur bacterium.

Role of eicosanoids, inositol phosphates and extracellular Ca²⁺ in cell-volume regulation of rat liver.

Calcium binding to human platelet integrin GPIIb/IIIa and to its constituent glycoproteins. Effects of lipids and temperature.

Effects of chlordane on parameters of liver and muscle toxicity in man and experimental animals.

The synergistic effect of chlorinated chemicals (trichlorosalicylanilid, 4-chloro-m-cresol, trichlorophenoxyacetic acid, trichloroethanol, trichloromethiazide, trichlorofon and trichloroacetaldehyde) and low concentrations of griseofulvin on porphyrin metabolism.

Protection by human serum from the immunosuppression induced by spermine in vitro.

Halogenated aryl hydrocarbon-induced suppression of the in vitro plaque-forming cell response to sheep red blood cells is not dependent on the Ah receptor.

Microheterogeneity of rat submaxillary gland kallikrein k10, a member of the kallikrein family.

The complete amino acid sequence of the haemorrhagic factor LHFII, a metalloproteinase isolated from the venom of the bushmaster snake (*Lachesis muta muta*).

Genistein, a protein tyrosine kinase inhibitor, inhibits thromboxane A₂-mediated human platelet responses.

Monoclonal anti-VH141 antibodies that specifically recognize the heavy chain variable region of, and are closely related to, MOPC141 myeloma protein whose VH gene belongs to VHQ52 family.

Expression and purification of active recombinant platelet factor 4 from a cleavable fusion protein.

Soluble fibrin preparations inhibit the reaction of plasmin with alpha 2-macroglobulin. Comparison with alpha 2-antiplasmin and leupeptin.

Strain-specific and immunodominant surface epitopes of the P2 porin protein of nontypeable *Haemophilus influenzae*.

Mitochondrial development in *Trypanosoma brucei brucei* transitional bloodstream forms.

Cytogenetic effect of the thiocarbamate herbicides butylate, molinate and vernolate in the mouse bone marrow micronucleus test.

Pre-embarkment prognostication for acute paraquat poisoning.

Italian multicentre case-control study of hematolymphopietic malignancies.

Haemodialysis/haemoperfusion in paraquat poisoning.

Comparison of the activity of topically applied pesticides and the herbicide 2,4-D in two short-term in vivo assays of genotoxicity in the mouse.

Chronic effect of atrazine on hydromineral balance in the crab.

Dermal toxicity to rats of isoproturon technical and formulation.

Propanil-induced methemoglobinemia and hemoglobin binding in the rat.

Genotoxic effect of isoproturon (herbicide) as revealed by three mammalian in vivo mutagenic bioassays.

[Exposure to agricultural chemicals and oncogenic risk].

A case-control study of non-Hodgkin's lymphoma and the herbicide 2,4-dichlorophenoxyacetic acid (2,4-D) in eastern Nebraska.

Efficacy of single or repeated hemoperfusion in a canine model of paraquat poisoning.

HPLC analysis of diuron and metabolites in blood and urine.

Paraquat poisoning. An overview of the current status.

Ground-glass hepatocytes: light and electron microscopy. Characterization of the different types.

[The effect of chronic butyphos poisoning on protein and nucleic acid synthesis in various rat organs and activity of blood cholinesterase].

[Functional testing of the immunotoxicity of the phenoxyalkane acid mecoprop in rats and prevention of immunotoxic effects by adrenalectomy].

PO₂ modulation of paraquat-induced microvascular injury in isolated dog lungs.

Childhood aplastic anaemia in Kenya.

Acrolein depletes the neuropeptides CGRP and substance P in sensory nerves in rat respiratory tract.

Metabolism of the arylamide herbicide propanil. I. Microsomal metabolism and in vitro methemoglobinemia.

[Acute changes in the body of laboratory rats during development after the parenteral administration of the herbicide Zeazin S-40. I. Determination of LD₅₀ and other biochemical findings].

[The toxicity of a prometryne/simazine combination in the lactation stage of rats].

Involvement of prostaglandins in paraquat intoxication.

The effects of pesticides on some biochemical parameters of carp (*Cyprinus carpio* L.).

Alkaline diuresis for acute poisoning with chlorophenoxy herbicides and ioxynil.

Initial accumulation of paraquat in the heart leading to acute death.

Effect of ethanol on acute paraquat toxicity in rabbits.

Chronic toxicity of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in mice.

Electroencephalographical analysis of acute paraquat poisoning.

Pentachlorophenol-associated aplastic anemia, red cell aplasia, leukemia and other blood disorders.

Aplastic anaemia associated with organochlorine pesticide: case reports and review of evidence.

Full thickness skin burns secondary to an unusual exposure to diquat dibromide.

Paraquat pharmacokinetics using a subcutaneous toxic low dose in the rat.

Distribution of three common chlorophenoxyacetic acid herbicides into the rat brain.

Biomonitoring of arylamines: hemoglobin adducts of urea and carbamate pesticides.

Increase in the acute toxicity and brain concentrations of chlorophenoxyacetic acids by probenecid in rats.

Biological valuation of extra-corporeal techniques in acute poisoning.

Long-term carcinogenicity bioassay of the herbicide atrazine in F344 rats.

Determination of diquat in biological materials by electron spin resonance spectroscopy.

Pharmacokinetics of 2,4,5-T in mice as a function of dose and gestational status.

[Biochemical changes in the brain tissue of white rats exposed to the herbicide acetochlor under acute and subacute oral experimental conditions].

Oxygen radicals in lung pathology.

Iron release and erythrocyte damage in allyl alcohol intoxication in mice.

Induction of superoxide dismutase in leukocytes by paraquat: correlation with age and possible predictor of longevity.

Acquisition and decay of heat-shock-enhanced postischemic ventricular recovery.

Interleukin 1 pretreatment decreases ischemia/reperfusion injury.

[Cytogenetic effect of pesticides in relation to their hygienic standardization].

Xanthine oxidase-derived H₂O₂ contributes to reperfusion injury of ischemic skeletal muscle.

Derecruitment of filtration surface area in paraquat-injured isolated dog lungs.

Suppressing effects of vanillin, cinnamaldehyde, and anisaldehyde on chromosome aberrations induced by X-rays in mice.

[The mechanisms of the inhibition of erythrocyte acetylcholinesterase activity by photodynamic herbicides].

Acid-base balance and cardiac index in SO₂-bronchitic, papaine-emphysematous and paraquat-fibrotic rats after isoproterenol treatment.

The determination of myeloperoxidase activity in liver.

Alterations of arachidonate metabolism in cardiovascular system by cigarette smoking.

Effects of skin preapplication treatments and postapplication cleansing agents on dermal absorption of 2,4-dichlorophenoxyacetic acid dimethylamine by Fischer 344 rats.

Human phagocytic cells as oxygen metabolite scavengers.

Effects of sulfur-containing metabolites of hexachlorobenzene on the heme metabolic enzymes in rat liver.

Neutrophil-mediated cytotoxicity induced by secretory IgA.

Effects of dose, age, inhibition of metabolism and elimination on the toxicokinetics of 2-butoxyethanol and its metabolites.

Intestinal absorption of cationic and anionic ferric colloids and complexes: biochemical, histochemical and morphological observations in rats.

Evaluation of genotoxic effects of the herbicide dicamba using in vivo and in vitro test systems.

Effects of acrolein on human platelet aggregation.

[The effect of histamine H1 receptors on the secretory function and blood flow in the gastric mucosa].

Antigen-induced cross-linking of the IgE receptor leads to an association with the detergent-insoluble membrane skeleton of rat basophilic leukemia (RBL-2H3) cells.

Hydrogen peroxide-induced alterations in prostaglandin secretion in the rat colon in vitro.

Towards a more effective management of pregnancy related anaemias in Africa.

Autologous blood transfusions in children and young adults with low body weight undergoing spinal surgery.

Cytotoxic synergism between trimetrexate and etoposide. Evidence that trimetrexate potentiates etoposide-induced protein-associated DNA strand breaks in L1210 leukemia cells through alterations in intracellular ATP concentrations.

Human body burden of polychlorinated dibenzofurans associated with toxicity based on the yusho and yucheng incidents.

Inhibition of abl oncogene tyrosine kinase induces erythroid differentiation of human myelogenous leukemia K562 cells.

End-tidal CO₂, CO₂ production, and O₂ consumption as early indicators of approaching hyperthermia.

Embryotoxic effects of sodium azide infusions in the Syrian hamster.

Pesticide exposures and other agricultural risk factors for leukemia among men in Iowa and Minnesota.

Thermogenesis and thermoregulatory function of iron-deficient women without anemia.

Confirmation by peptide sequence and co-expression on various cell types of the identity of CD44 and P85 glycoprotein.

Two modes of idiotypic stimulation of T lymphocytes from patients with Chagas' disease: correlations with clinical forms of infection.

Potassium accumulation in the globally ischemic mammalian heart. A role for the ATP-sensitive potassium channel.

Prevalence of iron deficiency in children aged 9-24 mo from a large urban area of Argentina.

Photosensitizing potential of benzanthrone.

Reversible focal neurologic deficits in severe iron deficiency anemia.

Epitopes of Escherichia coli alpha-hemolysin: identification of monoclonal antibodies that prevent hemolysis.

Preliminary report: furunculosis and hypoferraemia.

Oxygen extraction in lamb skeletal muscle.

Influence of the Ah locus on the humoral immunotoxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: evidence for Ah-receptor-dependent and Ah-receptor-independent mechanisms of immunosuppression.

Influence of latent iron deficiency on generation of oxygen species in polymorphonuclear leucocytes.

Differential toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C57BL/6J mice congenic at the Ah Locus.

Intraabdominal sepsis: effects on polymorphonuclear leukocyte Fc receptor-mediated phagocytosis.

[Iron deficiency and pregnancy. A survey in a Mother and Child Care Center in Niamey (Niger)].

Altered calcium homeostasis in irreversibly injured P388D1 macrophages.

[Hemolytic anemia following surgical repair of mitral valve insufficiency in children].

[Evolution of autotransfusion: effect of a diet with and without the ingestion of iron].

Two cases of acute toluene intoxication.

Analysis of the sites in p56lck whose phosphorylation is induced by tetradecanoyl phorbol acetate.

[The nature, severity and distribution of obstructive airway lesions in COPD studied by morphometry and computer-assisted 3-D reconstruction].

Treatment of the endodontic emergency: a decade later.

Gastric delivery system for iron supplementation.

Studies on the role of lipid peroxidation in the acute toxicity of TCDD in rats.

Effect of EDTA on the bioavailability to rats of fortification iron used in Egyptian balady bread.

Brain phenylalanine and tyrosine levels and hepatic encephalopathy induced by CCl₄ in rats.

Decreased survival rate of pancreatic acinar cells isolated from rats with acute pancreatitis.

Intradural granulocytic sarcoma presenting as a lumbar radiculopathy. Case report.

Modification of membrane permeability measured by Texas-Red during cell cycle progression and differentiation.

Evaluation of national nutritional anemia prophylaxis programme.

Characterization of monoclonal antibodies against the Escherichia coli hemolysin.

A latent Mr 94,000 gelatin-degrading metalloprotease induced during differentiation of HL-60 promyelocytic leukemia cells: a member of the collagenase family of enzymes.

Cytosolic-nuclear tumor promoter-specific binding protein (CN-TPBP) in human promyelocytic leukemia cells HL-60.

Two-year oral chronic toxicity and carcinogenicity study in rats of diets fumigated with methyl bromide.

[Pica caused by the ingestion of coffee beans].

[Acute myelomonocytic leukemia with mastocytosis in bone marrow].

Histological examination of the temporal bone in medicolegal cases of asphyxia.

Ethylene dichloride: the influence of disulfiram or ethanol on oncogenicity, metabolism, and DNA covalent binding in rats.

Tissue distribution, metabolism, and excretion of ¹⁴C-TCDD in a TCDD-susceptible and a TCDD-resistant rat strain.

The role of pituitary beta-endorphin in mediating corticotropin-releasing factor-induced antinociception.

The effect of mitochondrial inhibitors on calcium homeostasis in tumor mast cells.

Neurogenic inflammation, vascular permeability, and mast cells. Capsaicin desensitization fails to influence IgE-anti-DNP induced vascular permeability in rat airways.

Cellular transport and accumulation of thiotepa.

Changes in the composition and metabolism of arterial collagens during the development of pulmonary hypertension in rabbits.

Cornified envelopes in congenital disorders of keratinization.

Methemoglobinemia with oxidized hemoglobins and modified hemoglobins found in bloods of workers handling aromatic compounds and in those of a man who drank cresol solution.

Hypoxia and deposition of iron in liver and spleen of mice given iron supplement.

Effects of TCDD on embryonic ureteric epithelial EGF receptor expression and cell proliferation.

Mortality and morbidity among Army Chemical Corps Vietnam veterans: a preliminary report.

Cancer in Iowa farmers: recent results.

Epidemiologic studies of cancer in agricultural workers.

Simulation of aspects of ischemia in cell culture: changes in lactate compartmentation.

Kinetics of internalization and cytotoxicity of transferrin-neocarzinostatin conjugate in human leukemia cell line, K562.

Inhibition of lipoxygenase of rat dental pulp and human platelets by phenolic dental medicaments.

Comparative studies on the action of 7-N-[2-[[2-(gamma-L-glutamylamino)ethyl]dithio]ethyl]mitomycin C and of mitomycin C on cultured HL-60 cells and isolated phage and plasmid DNA.

Enteric-coated iron tablets.

Comparison of anti-anaemic effects of iron protein succinylate (ITF 282) and ferrous sulfate in the rat.

Local mechanical oscillations of the cell surface within the range 0.2-30 Hz.

Golgi-like demonstration of "dark" neurons with an argyrophil III method for experimental neuropathology.

Potential of bleomycin cytotoxicity by polyhydric alcohols.

Absorption, distribution, excretion and metabolism of a single oral dose of [¹⁴C]tri-*o*-cresyl phosphate (TOCP) in the male rat.

Effects of glutathione depletion on the acute nephrotoxic potential of arsenite and on arsenic metabolism in hamsters.

Influence of SK&F 95587 and BN 50730 on bronchoconstrictor responses in the cat.

Radiofrequency plasma deposition of oxygen-containing films on polystyrene and poly(ethylene terephthalate) substrates improves endothelial cell growth.

Comparison of the effects of fibrinogen and fibrin products and isolated peptide chains on the fibrin-mediated stimulation of plasminogen activation by tissue-type plasminogen activator, and on the fibrin-dependent enhancement of the amidolytic activity of one-chain tissue-type plasminogen activator.

Primary structure of a hemorrhagic metalloproteinase, HT-2, isolated from the venom of *Crotalus ruber ruber*.

Characterization of the beta-chain N-terminus heterogeneity and the alpha-chain C-terminus of human platelet GPIIb. Posttranslational cleavage sites.

Free thiols of platelet thrombospondin. Evidence for disulfide isomerization.

Prothymocyte activity is reduced by perinatal 2,3,7,8-tetrachlorodibenzo-*p*-dioxin exposure.

UV-induced protein alterations and lipid oxidation in erythrocyte membranes.

The complete amino acid sequence of the high molecular mass hemorrhagic protein HR1B isolated from the venom of *Trimeresurus flavoviridis*.

Isolation and partial structural characterization of an equine fibrinogen CNBr fragment that exhibits immunologic cross-reactivity with an A alpha-chain cross-linking region of human fibrinogen.

Reduction of phosphate-induced dysfunction in rat heart mitochondria by carnitine.

Partial purification and characterization of the Ca²⁺-pumping ATPase of the liver plasma membrane.

Sensory neurotoxicology: use of the olfactory system in the assessment of toxicity.

Effect of venom from *Cerastes cerastes* (Egyptian sand viper) on luminol-dependent chemiluminescence of human blood phagocyte cells.

Lysis of fibrillar collagen by neutrophils in synovial fluid. A role for surface-bound immunoglobulins.

HPLC-based two-step purification of fibrinolytic enzymes from the venom of *Agkistrodon contortrix contortrix* and *Agkistrodon piscivorus conanti*.

Interaction of Mesna (2-mercaptoethane sulfonate) with the mutagenicity of cyclophosphamide in vitro and in vivo.

Effect of fibrin-like stimulators on the activation of plasminogen by tissue-type plasminogen activator (t-PA)--studies with active site mutagenized plasminogen and plasmin resistant t-PA.

[Comparison of different procedures for the hemato-fluorometric measurement of erythrocyte zinc-protoporphyrin].

Platelet-reactive sites in human collagens I and III: evidence for cell-recognition sites in collagen unrelated to RGD and like sequences.

Kinetic and spectroscopic studies of haemoglobin and myoglobin from *Urechis caupo*. Distal residue effects.

[Ifosfamide-induced urinary bladder lesion and its inhibition by mesna].

Norepinephrine and BRL 37344 stimulate adenylate cyclase by different receptors in rat brown adipose tissue.

Analysis of blood acetate by head-space gas chromatography: comparative studies of reagents for the methyl esterification.

Ferrous sulfate combined with ascorbic acid does not significantly reduce acetaldehyde accumulation in the blood of alcoholized rats treated with disulfiram or betalactam antibiotics.

Oxygen uptake and mean blood pressure as indicators of induced hyperthermia.

The phosphocreatine shuttle of sea urchin sperm: flagellar creatine kinase resulted from a gene triplication.

[Morphofunctional status of blood and bone marrow cells in acute experimental hepatitis induced by allyl alcohol].

Immunosuppressive activities of polychlorinated biphenyls in C57BL/6N mice: structure-activity relationships as Ah receptor agonists and partial antagonists.

End-tidal carbon dioxide concentration, carbon dioxide production, heart rate, and blood pressure as indicators of induced hyperthermia.

Complete amino acid sequence of tenebrosin-C, a cardiac stimulatory and haemolytic protein from the sea anemone *Actinia tenebrosa*.

Glutathione enhancement in various mouse organs and protection by glutathione isopropyl ester against liver injury.

Rapid purification and characterization of human platelet glycoprotein V: the amino acid sequence contains leucine-rich repetitive modules as in glycoprotein Ib.

Lysine-329 of murine leukemia virus reverse transcriptase: possible involvement in the template-primer binding function.

Multiple sites of methyl esterification of calmodulin in intact human erythrocytes.

Intracellular accumulation of azithromycin by cultured human fibroblasts.

Interrelation between nucleotide degradation and aldehyde formation in red blood cells. Influence of xanthine oxidase on metabolism: an application of nucleotide and aldehyde analyses by high-performance liquid chromatography.

Fluorescence immunolocalization of bound atrazine residues in plant tissue.

Zinc modulates thrombin adsorption to fibrin.

Comparison of polychlorinated dibenzodioxin levels with hepatic mixed-function oxidase induction in great blue herons.

Choline uptake by cerebral capillary endothelial cells in culture.

An investigation into the effects of oral iron supplementation on in vivo Hemocult stool testing.

[Arachidonic acid-induced aggregation of human peripheral blood neutrophils in the presence of interceptors of active forms of oxygen].

A physiological pharmacokinetic description of the tissue distribution and enzyme-inducing properties of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat.

Biochemical and functional characterization of human tissue-type plasminogen activator variants obtained by deletion and/or duplication of structural/functional domains.

¹H NMR sequential assignments and secondary structure analysis of human fibrinogen gamma-chain C-terminal residues 385-411.

Adrenal-dependent leucopenia after short-term exposure to various airborne irritants in rats.

Acetobacter cellulose pellicle as a temporary skin substitute.

Malformed fetuses and karyotype abnormalities in the offspring of cyclophosphamide and allyl alcohol-treated male rats.

[Determination of blood cyanide using head-space gas chromatography with electron capture detection].

Hydrophobic residues 382-386 of antithrombin III, Ala-Ala-Ala-Ser-Thr, serve as the epitope for an antibody which facilitates hydrolysis of the inhibitor by thrombin.

NTP Toxicology and Carcinogenesis Studies of Iodinated Glycerol (Organidin(R).) (CAS No. 5634-39-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Oxidant-induced haemoprotein degradation in rat tissue slices: effect of bromotrichloromethane, antioxidants and chelators.

Effect of polymorphonuclear leukocyte-derived oxygen free radicals and hypochlorous acid on cardiac function and some biochemical parameters.

Kinetic studies of plasminogen activation by epithelial tissue plasminogen activator.

Use of fragments of hirudin to investigate thrombin-hirudin interaction.

Impairment of prothymocyte activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Thrombospondin binding to specific sequences within the A alpha- and B beta-chains of fibrinogen.

Protective and inactivating effects of neutrophil myeloperoxidase on C1q activity.

Molecular cloning of human protein 4.2: a major component of the erythrocyte membrane.

Isolation to homogeneity and partial characterization of a histo-blood group A defined Fuc alpha 1----2Gal alpha 1----3-N-acetylgalactosaminyltransferase from human lung tissue.

Preparation of biologically active platelet-derived growth factor isoforms AA and AB. Preferential formation of AB heterodimers.

Attempts to identify the causative allergen in cases of allergic contact dermatitis using an in vitro lymphocyte transformation test.

Polyhalogenated dibenzo-p-dioxins and dibenzofurans and the immune system. 1. Effects on peripheral lymphocyte subpopulations of a non-human primate (*Callithrix jacchus*) after treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Functional measurements on carboxymethylated hemoglobin, a potential blood substitute: effects of sodium chloride on pH values that influence the alkaline Bohr effect.

A comparative investigation of the metabolism of methyl bromide and methyl iodide in human erythrocytes.

Characteristics of apical Cl-HCO₃ exchanger of bicarbonate-secreting cells in turtle bladder.

Limitations of the erythropoietic response to serial phlebotomy: implications for autologous blood donor programs.

[Mutagen activity of barium chloride in *Salmonella typhimurium*].

On the molecular interactions between fibrin, tissue-type plasminogen activator and plasminogen.

The amino acid sequence of the alpha chain of HB 2 completes the primary structure of the hemoglobins of the Antarctic fish *Notothenia coriiceps neglecta*.

Disposition, elimination, and metabolism of tri-o-cresyl phosphate following daily oral administration in Fischer 344 male rats.

[Hematologic parameters in repeated autologous blood donation].

Paraquat resistance associated with reduced NADPH reductase in an energy-dependent paraquat-accumulating cell line.

Calcium carbimide in alcoholism treatment. Part 2: Medical findings of a short-term, placebo-controlled, double-blind clinical trial.

Total exclusion from external respiration protects lungs from development of fibrosis after paraquat intoxication.

Oral and dermal pharmacokinetics of triclopyr in human volunteers.

[Structural changes in the rat cerebral cortex induced by alcohol in combination with aldehyde dehydrogenase inhibitors].

Effect of paraquat on serum and lung angiotensin I converting enzyme (AICE) activity in beagle dogs.

Bronchial artery ligation modifies pulmonary edema after exposure to smoke with acrolein.

HPLC measurement of chlorophenoxy herbicides, bromoxynil, and ioxynil, in biological specimens to aid diagnosis of acute poisoning.

Cancer risk in a cohort of licensed pesticide users.

Preventive effect of taurine against acute paraquat intoxication in beagles.

[Pathomorphologic and hematologic studies of the immunotoxicity of the phenoxyalkane acid mecoprop in rats].

Paraquat poisoning with acute renal failure--a case report.

[Paraquat poisoning. Pulmonary lesions].

[Anabolic effects of sodium selenite, vitamin E and retabolil in experimental hypotrophy induced by a pesticide].

A comparison of hemoperfusion columns for paraquat.

The effects of 24% paraquat (1,1'-dimethyl-4,4'-bipyridylium dichloride) on hemodynamics, blood gases, plasma lactate and plasma catecholamines in dogs.

[Paraquat poisoning: clinical and anatomopathologic aspects in 3 cases].

Inhibition of spontaneous growth and induced differentiation of murine erythroleukaemia cells by paraquat and atrazine.

Effectiveness of vitamin E and colchicine in amelioration of paraquat lung injuries using an experimental model.

[Practical experiences in animal experimental studies with 3(3)-BN-research plans].

The ratio of oxidized/reduced glutathione as an index of oxidative stress in various experimental models of shock syndrome.

[Comparative study of the mutagenic activity of dicurin on five test-objects].

Genotoxicity of selected herbicides.

Respiration and osmoregulation of the estuarine crab, *Rhithropanopeus harrisi* (Gould): effects of the herbicide, alachlor.

Adducts of malonaldehyde and a few other aldehydes to hemoglobin.

Effects of cholesterol feeding on the distribution, metabolism, and accumulation of pentachlorobenzene in rats.

Brain biogenic amine levels after methanol administration: possible mechanism of action on central monoaminergic neurons in discrete areas of brain in Wistar rat.

Allyl alcohol-induced hemolysis and its relation to iron release and lipid peroxidation.

Structure-activity relationships for unsaturated dialdehydes. 3. Mutagenic, antimicrobial, cytotoxic, and phytotoxic activities of merulidial derivatives.

The coincidence of myocardial reperfusion injury and hydrogen peroxide production in the isolated rat heart.

Endotoxin pretreatment increases endogenous myocardial catalase activity and decreases ischemia-reperfusion injury of isolated rat hearts.

Erythrocyte catalase decreases cardiac reperfusion injury.

Negative correlation of cigarette smoking and dysmenorrhea: reduced prostaglandin synthesis due to beta-endorphin, nicotine, or acrolein antagonism.

Bronchial responsiveness and inflammation in guinea pigs exposed to acrolein.

Renal handling of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in rats.

Atrazine biodegradation in rats--a model for mammalian metabolism.

Differential effects of organic hydroperoxides and hydrogen peroxide on proteolysis in human erythrocytes.

Effects of 3-amino-1,2,4-triazole on ethanol-induced open-field activity: evidence for brain catalase mediation of ethanol's effects.

Disposition of 2,4-dichlorophenoxyacetic acid dimethylamine by Fischer 344 rats dosed orally and dermally.

Spermidine uptake by type II pulmonary epithelial cells in primary culture.

[Preventing iron deficiency in breast-fed infants by suitable supplementary food. A prospective, controlled study].

Hemoglobin as a predictor of response to iron therapy and its use in screening and prevalence estimates.

The adrenocorticotrophic hormone (ACTH)-induced reversal of hemorrhagic shock.

Enhancement of erythrocyte superoxide dismutase activity: effects on cellular oxidant defense.

Induction of endonucleolytic DNA cleavage in human acute myelogenous leukemia cells by etoposide, camptothecin, and other cytotoxic anticancer drugs: a cautionary note.

Medical monitoring of dioxin clean-up workers.

[Noncirrhotic liver fibrosis after chronic arsenic poisoning].

Fibrinogen Baltimore IV: congenital dysfibrinogenemia with a gamma 275 (Arg----Cys) substitution.

Cellular transport and accumulation of thiotepa in murine, human, and avian cells.

Albumin decreases hydrogen peroxide and reperfusion injury in isolated rat hearts.

Effect of subacute low level dietary sodium arsenite on dogs.

Stabilization of ornithine decarboxylase in erythroleukemia cells depleted of ATP.

Poor clinical response to enteric-coated iron preparations.

Mechanism of transport and intracellular binding of porfiromycin in HCT 116 human colon carcinoma cells.

Prediction and evaluation of the effect of iron treatment in anaemic RA patients.

Molecular mechanism of drug photosensitization--II. Photohemolysis sensitized by ketoprofen.

Preliminary findings on iron supplementation and learning achievement of rural Indonesian children.

Iron deficiency and educational achievement in Thailand.

The capacity of subgingival microbiotas to produce volatile sulfur compounds in human serum.

Mechanism of tolerance to renal ischemia in harbor seal: role of membranes.

Modification of the FAST-ELISA for field diagnosis of schistosomiasis mansoni with serum or blood samples.

Intracellular distribution and pharmacokinetics of daunorubicin in anthracycline-sensitive and -resistant HL-60 cells.

Nigexine, a phospholipase A2 from cobra venom with cytotoxic properties not related to esterase activity. Purification, amino acid sequence, and biological properties.

[Oral iron therapy. Bioavailability and therapeutic effectiveness of ferrous iron in effervescent tablets in posthemorrhagic iron deficiency anemia].

Iron management during recombinant human erythropoietin therapy.

Hemodynamic effects of experimental iron poisoning.

[The composition and antianemia efficacy of the iron-containing waters of the Skhodnitsa spring].

Effect of sodium arsenite on the induction and turnover of ornithine decarboxylase activity in erythroleukemia cells.

Regional hemodynamic responses to hypoxia and hypermetabolism in polycythemic dogs.

Induction of in vitro differentiation of mouse embryonal carcinoma (F9) and erythroleukemia (MEL) cells by herbimycin A, an inhibitor of protein phosphorylation.

Mortality in an area contaminated by TCDD following an industrial incident.

Tumor cell permeability to peplomycin.

Subunit structure of the erythropoietin receptor.

Characteristics of 2,3,7,8-tetrachlorodibenzo-p-dioxin induced endotoxin hypersensitivity: association with hepatotoxicity.

Iron deficiency among active men.

Ten-year mortality study of the population involved in the Seveso incident in 1976.

³¹P and ¹³C NMR studies of isolated perfused hematopoietic cells from leukemic mice.

[Rapid local oscillations of the surface of the human erythrocyte].

Skin reactions to irritants assessed by non-invasive bioengineering methods.

Characterization of MB creatine kinase isoform conversion in vitro and in vivo in dogs.

[Screening of drugs and chemicals by wide-bore capillary gas chromatography with flame ionization and nitrogen phosphorus detectors].

[Histologic evaluation of gastric tolerability in rats of ferritin compared with ferrous sulfate].

Detection of specific binding of [1,6-³H]2,3,7,8-tetrachlorodibenzo-p-dioxin ([³H]TCDD) in human leukocytes using electrofocusing in polyacrylamide gel.

Molecular mechanism of naproxen photosensitization in red blood cells.

The human 32-kDa stress protein induced by exposure to arsenite and cadmium ions is heme oxygenase.

Reperfusion-induced calcium gain after ischemia.

Role of differential drug uptake, efflux, and binding of etoposide in sensitive and resistant human tumor cell lines: implications for the mechanisms of drug resistance.

2,2',4,4',5,5'-hexachlorobiphenyl as a 2,3,7,8-tetrachlorodibenzo-p-dioxin antagonist in C57BL/6J mice.

Cyanide and arsenic poisoning by intravenous injection.

Complestatin, a potent anti-complement substance produced by *Streptomyces lavendulae*. I. Fermentation, isolation and biological characterization.

6-Methyl-1,3,8-trichlorodibenzofuran (MCDF) as a 2,3,7,8-tetrachlorodibenzo-p-dioxin antagonist in C57BL/6 mice.

Cancer incidence of workers in a Finnish sawmill.

Erythrocytes decrease myocardial hydrogen peroxide levels and reperfusion injury.

Reversible downregulation of thiazide diuretic receptors by acute renal ischemia.

[A case of remarkable bronchial stenosis due to aspiration of delayed-release iron tablet].

Immunotoxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in a complex environmental mixture from the Love Canal.

Hematotoxic effects in the rat of a toluene dinitro derivative after short-term exposure.

Iron status in patients receiving erythropoietin for dialysis-associated anemia.

Induction of erythroid differentiation of K562 human leukemic cells by herbimycin A, an inhibitor of tyrosine kinase activity.

Serum-free culture of insulin-secreting clonal cells from a hamster insulinoma.

Antithrombin Sheffield: amino acid substitution at the reactive site (Arg393 to His) causing thrombosis.

Development and validation of a cellular transplant model for leukemia in Fischer rats: a short-term assay for potential anti-leukemic chemicals.

Lymphocyte stem cell alterations following perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Purification of human urine colony-stimulating factor by affinity chromatography.

Monitoring of genetic instability in subjects with increased risk of cancer.

Minnesota Highway Maintenance Worker Study: cancer mortality.

Antigen-induced bronchopulmonary alterations in the guinea pig: a new model of passive sensitization mediated by mouse IgE antibodies.

Immuno-toxicology and -pharmacology.

[Synthesis and antimalarial as well as antitumor activities of 1-methyl-2,4-diamino-6-(N-methyl-substituted benzylamion) quinazolinium iodides].

The effect of iron therapy on malarial infection in Papua New Guinean schoolchildren.

Dioxins and furans in the mother and possible effects on the fetus and newborn breast-fed baby.

Experimental selenium toxicity in guinea pigs: haematological studies.

Differential effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on adipose tissue lipoprotein lipase activity in the guinea pig, rat, hamster, rabbit, and mink.

Synthesis of ¹¹C-labelled thymidine for tumor visualization using positron emission tomography.

Studies on phagocytosis in patients with acute bacterial infections.

The effect of oxidants on biomembranes and cellular metabolism.

Prevention of iron deficiency by milk fortification. The Chilean experience.

Sequence of the D-aspartyl/L-isoaspartyl protein methyltransferase from human erythrocytes. Common sequence motifs for protein, DNA, RNA, and small molecule S-adenosylmethionine-dependent methyltransferases.

The neutrophil chemoattractant produced by the rat kidney epithelioid cell line NRK-52E is a protein related to the KC/gro protein.

Continuous arteriovenous hemofiltration in experimental iron intoxication.

Selective mouse breeding for short ethanol sleep time has led to high levels of hepatic aromatic hydrocarbon (Ah) receptor.

The interactions of desferrioxamine and hydroxypyridone compounds with haemoglobin and erythrocytes.

Purification of recombinant human tissue factor.

Autologous blood transfusions and plastic surgery.

In vivo activation of peripheral blood polymorphonuclear neutrophils by gamma interferon results in enhanced fungal killing.

Micro-scission of YAC tumor cells during antibody-dependent cellular cytotoxicity mediated by human neutrophils.

Purification and characterization of a platelet-derived growth factor and heavy metal-modulated nuclear protein.

The primary structure of a protein carboxyl methyltransferase from bovine brain that selectively methylates L-isoaspartyl sites.

Seasonal variation of skin resistance to irritants.

Radioiodinated phenoxyacetic acid derivatives as potential brain imaging agents. II. Structure-biodistribution relationship.

[Urinary bioavailability of sodium-2-mercaptoethanesulfonate (Uromitexan) following intravenous, subcutaneous and continuous subcutaneous administration].

The reaction of nitrogen monoxide with the haemocyanins of the crayfish *Astacus leptodactylus* and the snail *Helix pomatia*.

Differential effects of osmotic pressure on mitochondrial respiratory chain and indices of oxidative phosphorylation.

Primary structure of H2-proteinase, a non-hemorrhagic metalloproteinase, isolated from the venom of the habu snake, *Trimeresurus flavoviridis*.

Sodium arsenite induced alterations in bilirubin excretion and heme metabolism.

Metabolism of phenol and hydroquinone to reactive products by macrophage peroxidase or purified prostaglandin H synthase.

Differential control and calcium-dependence of production of endothelium-derived relaxing factor and prostacyclin by pig aortic endothelial cells.

Retention of radiolead by human erythrocytes in vitro.

NTP Toxicology and Carcinogenesis Studies of 2,4-Dichlorophenol (CAS No. 120-83-2) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Comparative studies on the primary structure of human cystatin as from epidermis, liver, spleen, and leukocytes.

Intestinal absorption of aluminum in rats: stimulation by citric acid and inhibition by dinitrophenol.

Amino acid sequence of chitinase from *Streptomyces erythraeus*.

Management of acute iron overdose.

Improved gas chromatography with electron-capture detection using a reaction pre-column for the determination of blood cyanide: a higher content in the left ventricle of fire victims.

Functional characterization of monoclonal antibodies directed against fibrin binding domains of tissue-type plasminogen activator.

Three fatal sodium azide poisonings.

Primary structure of hemorrhagic protein, HR2a, isolated from the venom of *Trimeresurus flavoviridis*.

The effect of chlorinated chemicals on porphyrin metabolism--the synergistic effect with chlorinated chemicals and low concentrations of griseofulvin.

Expression and characterization of erythropoietin receptors on normal human bone marrow cells.

[Polychlorinated dibenzo-p-dioxins in the subcutaneous adipose tissue of yusho patients].

Preparation of biologically active platelet-derived growth factor type BB from a fusion protein expressed in *Escherichia coli*.

The effect of a low pH saline perfusate upon the integrity of the energy-depleted rat blood-brain barrier.

N-hydroxy-N-arylamides. V. Differences in the mechanism of haemoglobin oxidation in vitro by N-hydroxy-4-chloroacetanilide and N-hydroxy-4-chloroaniline.

Preparation of diastereomeric beta-d-glucuronides of the bronchodilator procaterol using immobilized rabbit liver microsomal enzymes.

Laser intensity and wavelength dependence of Rose-Bengal-photosensitized inhibition of red blood cell acetylcholinesterase.

Secretion by *Trypanosoma cruzi* of a hemolysin active at low pH.

Time resolved analysis of tubulin phosphorylation during platelet activation.

Microthrombomodulin. Residues 310-486 from the epidermal growth factor precursor homology domain of thrombomodulin will accelerate protein C activation.

Stimulated human neutrophils damage cardiac sarcoplasmic reticulum function by generation of oxidants.

Comparison of in vitro, animal, and clinical determinations of iron bioavailability: International Nutritional Anemia Consultative Group Task Force report on iron bioavailability.

Role of carboxylesterase in protection against soman toxicity.

Experimental selenium toxicity in guinea pigs: biochemical studies.

Effect of splenectomy on hepasor treatment in allyl-alcohol-traumatized rat liver.

[The microsurgical treatment of penetrating wounds of the cornea with the use of collagenous materials].

Determination of erythrocyte transit times through micropores. II. Influence of experimental and physicochemical factors.

Cationic polyelectrolytes: potent opsonic agents which activate the respiratory burst in leukocytes.

Dimethylthiourea prevents hydrogen peroxide and neutrophil mediated damage to lung endothelial cells in vitro and disappears in the process.

Hormonal contraceptive increases plasma lipid peroxides in female rats. Relationship to platelet aggregation and lipid biosynthesis.

Membrane oxidative metabolism of human eosinophilic cell line EoL-1 in response to phorbol diester and formyl peptide: synergistic augmentation by interferon-gamma and tumor necrosis factor.

Coloscreen VPI test kit evaluated for detection of fecal occult blood.

Health and reproductive outcomes among American Legionnaires in relation to combat and herbicide exposure in Vietnam.

[The influence of long-term utilization of some herbicides on oral cavity tissues of white rats].

[Changes in the glucosephosphate dehydrogenase activity in the liver and blood of albino rats after poisoning with chloride-containing pesticides].

[Paraquat poisoning].

Rapid determination of glyphosate in postmortem specimens using ^{31}P NMR.

Topical non-steroidal anti-inflammatory drugs inhibit non-immunologic immediate contact reactions.

Structure-activity relationship of reversible cholinesterase inhibitors including paraquat.

Glucocorticoid toxicity in the hippocampus: in vitro demonstration.

Acute MCPP intoxication: report of two cases.

Oxidant stress following renal ischemia: changes in the glutathione redox ratio.

Neurobehavioral toxicity and tolerance to the herbicide 2,4-dichlorophenoxyacetic acid-n-butyl ester (2,4-D ester).

A legacy from Vietnam.

An evaluation of the genotoxic potential of glyphosate.

Induction of hepatic peroxisome proliferation in mice by lactofen, a diphenyl ether herbicide.

An enzyme-linked immunosorbent assay for plasma-paraquat levels of poisoned patients.

Synthetic smoke with acrolein but not HCl produces pulmonary edema.

2,4-Dichlorophenoxyacetic acid intoxication increases its accumulation within the brain.

Paraquat intoxication during pregnancy: a report of 9 cases.

Ultrastructure of canine lung during the proliferative phase of paraquat toxicity.

Genotoxic effects of some systemic pesticides: in vivo chromosomal aberrations in bone marrow cells in rats.

Toxicokinetics of paraquat through the heart-lung block. Six cases of acute human poisoning.

[Failure of chemotherapy and radiotherapy in pulmonary fibrosis caused by paraquat].

Failure of haemoperfusion and haemodialysis to prevent death in paraquat poisoning. A retrospective review of 42 patients.

Effects of methylprednisolone on acute lung paraquat toxicity in sheep.

Effects of Gramoxone-induced reactive oxygen radicals on eicosanoid synthesis of mouse lung.

Prevention of occupational skin disease.

Toxicity of 2-hydrazinoethanol in turkey poults.

Comparative study on cerebrovascular injuries by three chlorophenoxyacetic acids (2,4-D, 2,4,5-T and MCPA).

Hematological effects of ethyl methanesulfonate, paraquat and phenylhydrazine in Japanese quail.

Hydrogen peroxide mediates reperfusion injury in the isolated rat heart.

Ultrastructural localization of platelet-derived growth factor and related factors in normal and transformed cells.

pH homeostasis in promyelocytic leukemic HL60 cells.

Prolonged, intravenous paraquat infusion in the rat. I. Failure of coinfused putrescine to attenuate pulmonary paraquat uptake, paraquat-induced biochemical changes, or lung injury.

Reactive oxygen species during ischemia-reflow injury in isolated perfused rat liver.

Xanthine oxidase produces hydrogen peroxide which contributes to reperfusion injury of ischemic, isolated, perfused rat hearts.

Enhancement of in vivo and in vitro murine immune responses by the cyclophosphamide metabolite acrolein.

Protective effect of alpha-human atrial natriuretic polypeptide (alpha-hANP) on chemical-induced pulmonary edema.

[The phenomenon of the accumulation of biological and nonbiological corpuscular particles in mammalian lungs].

Prostaglandin D2 generation in mouse bone marrow-derived mast cells exposed to dexamethasone is associated with endogenous peroxidase activity.

Effects of disulfiram, cyanamide and 1-aminocyclopropanol on the aldehyde dehydrogenase activity in human erythrocytes and leukocytes.

Characterization of hydrazine-stimulated proteolysis in human erythrocytes.

Toxicokinetics and bioavailability of paraquat in rats following different routes of administration.

Effect of 4-hydroxy-2,3-trans-nonenal on platelet function.

Dioxins and dibenzofurans in blood and adipose tissue of Agent Orange-exposed Vietnam veterans and matched controls.

Identification of the hepatic cytochrome P-450 isozymes induced and decreased by picloram.

Acute effects of the aldehyde dehydrogenase inhibitors, disulfiram, pargyline and cyanamide, on circulating ketone body levels in the rat.

Effect of 3-amino-1,2,4-triazole on narcosis time and lethality of ethanol in UChA rats.

Stimulation of interleukin-1 alpha and interleukin-1 beta release from human monocytes by cyanogen bromide peptides of type II collagen.

Investigation of the effects of heat shock and agents which induce a heat shock response on the induction of differentiation of HL-60 cells.

Significance of fibrin/fibrinogen related antigen in glomeruli in children with IgA nephropathy.

Altered production of the active oxygen species is involved in enhanced cytotoxic action of acylated derivatives of ascorbate to tumor cells.

Endogenous opiate modulation of baroreflexes in normotensive and hypertensive rats.

Blocking action of parenteral desferrioxamine on iron absorption in rodents and men.

Steroid hormones and medications that alter cancer risks.

Immunological abnormalities 17 years after accidental exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Intraglomerular deposition of fibrin/fibrinogen-related antigen in children with various renal diseases.

[Effectiveness of introducing individual protection measures for workers in the phenazone industry].

Biochemical and functional effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the heart of female rats.

Hepatic ATP content and hyperammonemia induced by CCl₄ in rats.

Clinical toxicology--past, present and future.

Iron poisoning, chelation therapy and anaemia.

[Preventive use of iron in pregnancy--a luxury or a necessity?].

[Studies on serum ketone bodies in patients with hyperthyroidism].

Effects of t-butyl-4-hydroxyanisole and other phenolic antioxidants on tumoral cells and Trypanosoma parasites.

Degrading process of acute ischemic myocardial cells.

Multifactorial resistance to adriamycin: relationship of DNA repair, glutathione transferase activity, drug efflux, and P-glycoprotein in cloned cell lines of adriamycin-sensitive and -resistant P388 leukemia.

Iron deficiency in adolescent female dancers.

Differentiation of erythroid progenitor (CFU-E) cells from mouse fetal liver cells and murine erythroleukemia (TSA8) cells without proliferation.

The heparin binding domain of S-protein/vitronectin binds to complement components C7, C8, and C9 and perforin from cytolytic T-cells and inhibits their lytic activities.

An immunotoxicological evaluation of 4,4'-thiobis-(6-t-butyl-m-cresol) in female B6C3F1 mice. 2. Humoral and cell-mediated immunity, macrophage function, and host resistance.

An immunotoxicological evaluation of 4,4'-thiobis-(6-t-butyl-m-cresol) in female B6C3F1 mice. 1. Body and organ weights, hematology, serum chemistries, bone marrow cellularity, and hepatic microsomal parameters.

Selective alteration in blood-brain barrier and insulin transport in iron-deficient rats.

Single amino acid substitutions in the reactive site of antithrombin leading to thrombosis. Congenital substitution of arginine 393 to cysteine in antithrombin Northwick Park and to histidine in antithrombin Glasgow.

Iron deficiency in female athletes: its prevalence and impact on performance.

Toxicity and disposition of 2,3,4,7,8-pentachlorodibenzofuran (4PeCDF) in the rhesus monkey (Macaca mulatta).

Alteration of methyl dopa absorption, metabolism, and blood pressure control caused by ferrous sulfate and ferrous gluconate.

Calcium gain during postischemic reperfusion. The effect of 2,4-dinitrophenol.

Chromosomal damage induced by maleic hydrazide in mammalian cells in vitro and in vivo.

Potential antitumor agents. 54. Chromophore requirements for in vivo antitumor activity among the general class of linear tricyclic carboxamides.

Expression of the primary biliary cirrhosis antigens in yeast: aspects of mitochondrial control.

Modification of transplacental distribution of salicylate in rats by acidosis and alkalosis.

Reversal of transformed phenotypes by herbimycin A in src oncogene expressed rat fibroblasts.

The effect of age on the glucuronidation and toxicity of 4,4'-thiobis(6-t-butyl-m-cresol).

A crucial role of ongoing anaerobic glycolysis in attenuating acute ischemia-induced release of myocardial noradrenaline.

Catalase prevents increased lung vascular permeability during air emboli in unanesthetized sheep.

Iron supplementation and physical growth of rural Indonesian children.

Goitrogens and thyroid follicular cell neoplasia: evidence for a threshold process.

Species differences in 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity and biotransformation in fish.

The effect of iron therapy on the exercise capacity of nonanemic iron-deficient adolescent runners.

Prevention of iron deficiency by milk fortification. II. A field trial with a full-fat acidified milk.

Effect of oral iron therapy on the upper gastrointestinal tract. A prospective evaluation.

Variants of human tissue-type plasminogen activator. Fibrin binding, fibrinolytic, and fibrinogenolytic characterization of genetic variants lacking the fibronectin finger-like and/or the epidermal growth factor domains.

Plasmid-borne resistance to arsenate, arsenite, cadmium, and chloramphenicol in a *Rhodococcus* species.

Acute effects of amiodarone on action potentials of isolated guinea-pig ventricular muscle exposed to simulated ischemic solution and metabolic inhibitors.

[Hypotensive activity of dinitrosyl complexes of iron and proteins in anesthetized animals].

Treatment of gestational iron deficiency disease with tardyferon; monitoring the effectivity of treatment.

Responses of the L5178Y tk⁺/tk⁻ mouse lymphoma cell forward mutation assay: III. 72 coded chemicals.

Body iron stores in patients subjected to surgery of the large bowel.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in yellow perch (*Perca flavescens*).

Morphologic lesions and acute toxicity in rainbow trout (*Salmo gairdneri*) treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Thrombocytopenia associated with repletion of iron in iron-deficiency anemia.

Synthesis of ¹¹C-methylated inulin as a radiopharmaceutical for imaging brain edema and pulmonary edema.

Photoaffinity analogues of methotrexate as folate antagonist binding probes.

Experimental studies on the mechanism of ethanol formation in corpses.

Examination of Tardyferon depot coated tablet in patients treated by general practitioners.

Membrane IgM: interactions with the cortical cytoskeleton in the human lymphoblastoid cell line WiL2.

Observations on the intracellular accumulation of methotrexate and 5-methyltetrahydrofolate in uninduced, dimethylsulphoxide-induced and 1,25-dihydroxyvitamin D₃-induced HL60 cells, and blood-monocyte-derived human macrophages.

Subchronic metabolic effects and toxicity of a simulated pulp mill effluent on juvenile lake trout, *Salmo trutta m. lacustris*.

K-cell-mediated cytotoxicity induced with rat monoclonal antibodies. I. Antibodies of various isotypes differ in their ability to induce cytotoxicity mediated by rat and human effectors.

Mercury vapor uptake and hydrogen peroxide detoxification in human and mouse red blood cells.

Central respiratory inhibition by angiotensin II in anesthetized cats.

Intracoronary infusion of prostaglandin I₂ attenuates arterial baroreflex control of heart rate in conscious dogs.

Expression of high affinity receptors for erythropoietin on human bone marrow cells and on the human erythroleukemic cell line, HEL.

Immunochemical characterization of crosslinked derivatives isolated from alpha chain oligomers formed during early stages of fibrin crosslinking.

Interaction of nitrite with catalase in the perfused rat liver.

Affinity chromatography of fibrinogen on Lens culinaris agglutinin immobilized on CNBr-activated sepharose: study of the active groups involved in nonspecific adsorption.

Down-modulation of high-affinity receptors for erythropoietin on murine erythroblasts by interleukin 3.

Teratogenic effects of nitrofen on cellular and functional maturation of the rat lung.

Characterization of an apparently lower molecular weight gamma-chain variant in fibrinogen Kyoto I. The replacement of gamma-asparagine 308 by lysine which causes accelerated cleavage of fragment D1 by plasmin and the generation of a new plasmin cleavage site.

Kinetic analysis of covalent hybrid plasminogen activators: effect of CNBr-degraded fibrinogen on kinetic parameters of Glu1-plasminogen activation.

Effect of 2,4-dinitrophenol on transport of cefmetazole and diclofenac from thigh muscle tissue and from intestinal connective tissue into blood circulation in rats.

Evidence for immunoglobulin Fc receptor-mediated prostaglandin₂ and platelet-activating factor formation by cultured rat mesangial cells.

The use of sequence-specific antibodies to identify a secondary binding site in thrombin.

Uptake of choline by rat mammary-gland epithelial cells.

NTP Toxicology and Carcinogenesis Studies of Monuron (CAS No. 150-68-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Non-immune immunoglobulin binding by "Haemophilus somnus".

Memory B cells express a phenotype consistent with migratory competence after secondary but not short-term primary immunization.

The production of toxic oxygen metabolites by hemocytes of different snail species.

Generation of valency hybrids and nitrosylated species of hemoglobin in mice by nitric oxide vasodilators.

Plasma gamma-hexachlorocyclohexane concentrations in forestry workers exposed to lindane.

Localization of the pyridoxal phosphate binding site at the COOH-terminal region of erythrocyte band 3 protein.

Immunosuppressive activities of polychlorinated dibenzofuran congeners: quantitative structure-activity relationships and interactive effects.

Partial characterization of specific cantharidin binding sites in mouse tissues.

Modulation of the in vitro candidacidal activity of human neutrophil defensins by target cell metabolism and divalent cations.

Investigation of the causes of suboptimal haemoglobin response to iron supplementation.

Plasminogen activation by tissue plasminogen activator in the presence of stimulating CNBr fragment FCB-2 of fibrinogen is a two-phase reaction. Kinetic analysis of the initial phase of slow plasmin formation.

The influence of fibrin(ogen) fragments on the kinetic parameters of the tissue-type plasminogen-activator-mediated activation of different forms of plasminogen.

A 10-kDa cyanogen bromide fragment from the epidermal growth factor homology domain of rabbit thrombomodulin contains the primary thrombin binding site.

[Activity and properties of superoxide dismutase from human erythrocytes and plasma in ontogenesis].

Activity of the anion exchange protein (band 3) of human erythrocytes as affected by hydroxychloroaromatic chemicals.

Effects of the external ions and metabolic poisoning on the constriction of the squid giant axon after axotomy.

Suppression of splenic lymphocyte function by 7,12-dimethylbenz[a]anthracene (DMBA) in vitro.

Purification and analysis with monoclonal antibodies of P2, the major outer membrane protein of nontypable Haemophilus influenzae.

Transport of digoxin into brain microvessels and choroid plexuses isolated from guinea pig.

Distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in human whole blood and its association with, and extractability from, lipoproteins.

Glucose starvation is required for insulin stimulation of glucose uptake and metabolism in cultured microvascular endothelial cells.

Binding of tissue-type plasminogen activator to fibrinogen fragments.

Toxic effects produced or mediated by human eosinophil granule components on Trypanosoma cruzi.

Mechanism of inhibition of cyclo-oxygenase in human blood platelets by carbamate insecticides.

Protein co-isolated with human tissue factor impairs recovery of activity.

An apparently higher molecular weight gamma-chain variant in a new congenital abnormal fibrinogen Tochigi characterized by the replacement of gamma arginine-275 by cysteine.

Irreversible inhibition of the TXA₂/PGH₂ receptor of human platelets by a photoaffinity ligand.

Mutagenicity, comutagenicity, and antimutagenicity of erythrosine (FD and C red 3), a food dye, in the Ames/Salmonella assay.

Regulation of human basophil and lung mast cell function by cyclic adenosine monophosphate.

Hepatic toxicity of paraquat in primary cultures of rat hepatocytes.

Cardiac transplantation in a Jehovah's witness.

Comparison of effects of paraquat and methidation on enzyme activity and tissue necrosis of carp, following exposure to the pesticides singly or in combination.

Thrombin enhances opsonized zymosan-induced chemiluminescence of neutrophils.

[Cases of severe methyl bromide poisoning residing above a warehouse].

Increase of enzyme activities following the in vitro peroxidation of normal human red blood cells.

Microfilament modification by dihydrocytochalasin B causes retinoic acid-modulated chondrocytes to reexpress the differentiated collagen phenotype without a change in shape.

Uptake, distribution, and metabolism of trivalent arsenic in the pregnant mouse.

Effects of arachidonic acid on respiratory activities in isolated brain mitochondria.

Predeposit autologous blood donation.

Current status of thrombopoietin.

Evidence for in vitro regulation of IgE receptors on the human basophil membrane by their removal and reexpression: effects of Ca²⁺, Mg²⁺, some metabolic inhibitors and fetal calf serum.

Endothelium-derived relaxing factor and atriopeptin II elevate cyclic GMP levels in pig aortic endothelial cells.

[The characteristics of metabolism of organochlorine insecticides in warm-blooded animals after induction of the monooxygenase system of the liver].

The pathologic and immunologic effects of inhaled acrolein in rats.

Hepatotoxicity induced by the herbicide atrazine in the rat.

[Hematological and biochemical changes in animals exposed to khardin and ethanol].

Risk of malignant lymphoma in Swedish pesticide applicators.

Formulation and food deprivation affects 2,4-D neurobehavioral toxicity in rats.

Dissociation of hypolipidemic and antiplatelet actions from adverse myotonic effects of clofibrac acid related enantiomers.

Paraquat (gramoxone) poisoning in south-west Hungary, 1977-1984. Toxicological and histopathological aspects of group intoxication cases.

Primary cultures of rat aortic endothelial and smooth muscle cells: I. An in vitro model to study xenobiotic-induced vascular cytotoxicity.

Cytogenetic toxicity of paraquat and streptonigrin in Fanconi's anemia.

Effects of pentachlorophenol on the in vitro and in vivo antibody response.

Haemodialysis for paraquat poisoning.

[Clinico-experimental research on acute isoproterenol poisoning in sheep].

Sister chromatid exchange and chromosomal breakage in pentachlorophenol (PCP) exposed workers.

[Three cases of eosinophilic cholecystitis].

Specific removal of paraquat by hemoperfusion through antiparaquat conjugated agarose-polyacrolein microsphere beads.

Elimination of paraquat.

[Experimental study and standardization of propanide in water].

Effect of aminotriazole on mercury uptake by the fetus of normal and acatalasemic mice exposed to metallic mercury.

Metabolic basis of ethylene glycol monobutyl ether (2-butoxyethanol) toxicity: role of alcohol and aldehyde dehydrogenases.

Effect of aldehyde dehydrogenase inhibitors on the ex vivo sensitivity of human multipotent and committed hematopoietic progenitor cells and malignant blood cells to oxazaphosphorines.

Treatment of adverse digitalis effects by hemoperfusion through columns with antidigoxin antibodies bound to agarose polyacrolein microsphere beads.

[Evaluation of the cytogenetic effect of the herbicide treflan and of a number of its metabolites on mammalian somatic cells].

Acetylsalicylic acid inhibits non-immunologic contact urticaria.

Paraquat-induced, dose-dependent conditioned taste aversions and weight loss mediated by the area postrema.

Oxygen toxicity and chromosomal breakage in ataxia telangiectasia.

Elimination kinetics of ethanol and acetaldehyde in healthy men during the calcium carbimide-alcohol flush reaction.

In vivo metabolism of the cardiovascular toxin, allylamine.

Alterations in brain aldehyde dehydrogenase activity modify ethanol-induced conditioned taste aversion.

Blood acetaldehyde and the ethanol-induced increase in splanchnic circulation.

Human erythrocyte glutathione S-transferase: a possible marker of chemical exposure.

In vitro effect of cinnamic aldehyde, a main component of Cinnamomi Cortex, on human platelet aggregation and arachidonic acid metabolism.

Membrane-directed effects of the plant hormones abscisic acid, indole-3-acetic acid and 2,4-dichlorophenoxyacetic acid.

Anti-thrombic actions of 70% methanolic extract and cinnamic aldehyde from cinnamomi cortex.

Absence of effect of 3-amino-1,2,4-triazole pretreatment on blood ethanol levels after oral administration, in rats.

Alterations in brain aldehyde dehydrogenase activity modify the locomotor effects produced by ethanol in rats.

Effects of a small dose of ethanol and calcium carbimide-induced acetaldehyde intoxication on human platelet aggregation, associated thromboxane formation and urinary excretion of 2,3-dinor-6-keto prostaglandin F1 alpha.

Paraquat as an agent affecting antioxidant enzymes of common carp erythrocytes.

Biochemically damaged erythroblasts bind natural serum antibodies and activate complement.

Dietary iron and broiler performance.

High-dose carbonyl iron for iron deficiency anemia: a randomized double-blind trial.

Immunosuppression following exposure to 7,12-dimethylbenz[a]anthracene (DMBA) in Ah-responsive and Ah-nonresponsive mice.

Effect of excess iron in milk replacer on calf performance.

Collagen type III deficiency in patients with rupture of intracranial saccular aneurysms.

Treatment of iron deficiency conditions in blood donors: controlled study of iron sulphate versus iron protein succinylate.

Exposure of the skin to methyl bromide: a study of six cases occupationally exposed to high concentrations during fumigation.

[Oral iron therapy: preparations with rapid or delayed iron liberation?].

ATP requirement for induced tight junction formation in HT 29 adenocarcinoma cells.

Uptake of propranolol by microvessels isolated from bovine brain.

[Pharmacological analysis of the participation of ethanol-oxidizing enzyme systems in ethanol metabolism at different stages of experimental alcoholism].

The kinetics of phosphoinositide hydrolysis in rat basophilic leukemia (RBL-2H3) cells varies with the type of IgE receptor cross-linking agent used.

Differential endocytosis of fluorescein iso-thiocyanate-concanavalin A by normal and chronic myeloid leukemic granulocytes.

Renal anaphylaxis. I. Antigen-initiated responses from isolated perfused rat kidney.

Photoaffinity analogues of methotrexate as folate antagonist binding probes. 1. Photoaffinity labeling of murine L1210 dihydrofolate reductase and amino acid sequence of the binding region.

Different cholinergic pathways are involved in the improvement induced by CCK-8 and by ACTH-(1-24) in massive acute hemorrhage, in rats.

Increased thromboplastic potential in diabetes: a multifactorial phenomenon.

Regional O₂ uptake during hypoxia and recovery in hypermetabolic dogs.

Photosensitized lysis of red blood cells by phototoxic antimalarial compounds.

[Treatment of anemia].

The relationship between uncoupling of oxidative phosphorylation and neuronal necrosis within the CNS in rats dosed with trihalogenated imidazoles.

TCDD-induced hyperplasia of the ureteral epithelium produces hydronephrosis in murine fetuses.

Erythrocyte lysis by monocytes: investigations on the mechanism and role of the target cell hydrogen peroxide catabolizing pathways.

Studies of phagocytosis in chronic granulomatous disease.

Iron deficiency anemia and iron therapy effects on infant developmental test performance.

⁵¹Cr-uptake assay. A sensitive and reliable method to quantitate cell viability and cell death.

[Possible mechanisms of the activation of the lipid peroxidation reaction in the vitreous body in hemorrhage].

The effect of cephalosporin antibiotics on alcohol metabolism: a review.

[Hemorrhaging esophageal varices treated by Mansel solution instead of the Sengstaken-Blakemore tube].

Immunochemical characterization of fibrinogen, fibrin I, and fibrin II in human thrombi and atherosclerotic lesions.

Cytogenetic studies on 1,1-dichloroethylene and its two isomers in mammalian cells in vitro and in vivo.

Drug-induced cholestasis.

Evaluation of a program to overcome vitamin A and iron deficiencies in areas of poverty in Minas Gerais, Brazil.

Clinical reports on plasma exchange in the Kidney Center, Tokai University School of Medicine.

A serine proteinase inhibitor produced by an HTLV I virus-transformed human T lymphocyte line.

Oral toxicity of trichlorobenzyl chloride and its acid derivative.

Internalisation and recycling of the granulocyte-macrophage colony-stimulating factor (GM-CSF) receptor on a murine myelomonocytic leukemia.

Analysis of mechanisms responsible for the bradycardic action of naloxone after haemorrhage in the conscious rabbit.

Epitope mapping of the von Willebrand factor subunit distinguishes fragments present in normal and type IIA von Willebrand disease from those generated by plasmin.

[Intranasal administration of chlornidine gel in hypertension].

Carbonyl iron for short-term supplementation in female blood donors.

Synthesis, cell growth inhibition, and antitumor screening of 2-(p-n-butylanilino)purines and their nucleoside analogues.

Health effects of pesticides: a review of epidemiologic research from the perspective of developing nations.

Effect of supplementary vitamins and iron on malaria indices in rural Gambian children.

Survival rates and properties of sickle cell anemia red cells treated with nitrogen mustard.

[Changes in brain energy metabolism in experimental cerebral hemorrhage].

A canine model for the study of hapten-specific suppression of IgE-mediated bronchoconstriction and anaphylaxis.

Bioavailability and therapeutic efficacy of bivalent and trivalent iron preparations.

Equivalent bioavailability of iron from ferrous salts and a ferric polymaltose complex. Clinical and experimental studies.

Pharmacokinetics of iron salts and ferric hydroxide-carbohydrate complexes.

Assessment of the systemic distribution and toxicity of formaldehyde following pulpotomy treatment: Part two.

No evidence for reactive oxygen damage in ischemia-reflow injury.

Pesticides and cancer risks in agriculture.

Overdose toxicity studies versus threshold: elements of biology must be incorporated into risk assessment.

Reactions of oxyphenbutazone with active oxygen species.

The heparin binding site of human antithrombin III. Selective chemical modification at Lys114, Lys125, and Lys287 impairs its heparin cofactor activity.

PHA- and Con A-induced chemiluminescence of human blood mononuclear cells and granulocytes in luminol or lucigenin.

The amino acid sequence of the phosphorylation domain of the erythrocyte Ca²⁺ ATPase.

Respiratory enzymes of *Thiobacillus ferrooxidans*. A kinetic study of electron transfer between iron and rusticyanin in sulfate media.

Metabolism and excretion of gallium arsenide and arsenic oxides by hamsters following intratracheal instillation.

[Alanine aminotransferase activity of the blood serum and liver of rats after exposure to chemical substances].

The interaction of streptokinase-plasminogen activator complex, tissue-type plasminogen activator, urokinase and their acylated derivatives with fibrin and cyanogen bromide digest of fibrinogen. Relationship to fibrinolytic potency in vitro.

Biochemical and immunological properties of different electrophoretic forms of juvenile hormone esterase from *Trichoplusia ni* (H₂Bner).

Cloning of cDNAs coding for the heavy chain region and connecting region of human factor V, a blood coagulation factor with four types of internal repeats.

Monochloroacetic acid toxicity in the mouse associated with blood-brain barrier damage.

Effect of age and sex on allyl alcohol hepatotoxicity in rats: role of liver alcohol and aldehyde dehydrogenase activities.

Inhibition of the activation of Hageman factor (factor XII) by peripheral blood cells.

Immunsorbent chemistry: a study of agarose-based column sorbents for the removal of low-density lipoprotein (LDL) from blood.

Evidence that 2,3,7,8-tetrachlorodibenzo-p-dioxin and thyroid hormones act through different mechanisms in human keratinocytes.

N-hydroxy-N-arylamides--IV. Differences in the mechanism of haemoglobin oxidation in vitro between N-hydroxy-N-arylamides and arylhydroxylamines.

Lipopolysaccharide-sensitive serine-protease zymogen (factor C) of horseshoe crab hemocytes. Identification and alignment of proteolytic fragments produced during the activation show that it is a novel type of serine protease.

Hybrid glycoproteins from human erythrocyte membranes. Isolation and complete structural analysis of the novel sialoglycoprotein from St(a+) red cells.

Phosphorylation in vitro of human fibrinogen with casein kinase TS and characterization of phosphorylated sites.

The production of pregnancy associated alpha glycoprotein (PAG) from human peripheral blood mononuclear cells.

Calcium channel blockers induce preferential coronary vasodilation by an alpha 1-mechanism.

A QSAR study of the acute toxicity of some industrial organic chemicals to goldfish. Narcosis, electrophile and proelectrophile mechanisms.

ADP-induced platelet aggregation depends on the conformation or availability of the terminal gamma chain sequence of fibrinogen. Study of the reactivity of fibrinogen Paris 1.

Amino acid sequence of the von Willebrand factor-binding domain of platelet membrane glycoprotein Ib.

Substrates for the cell surface protein kinase in blood: a calf serum protein and its precursor in plasma.

Synthesis and cardiotoxic activity of a series of substituted 4-alkyl-2(1H)-quinazolinones.

Cleavage of fibrin-derived D-dimer into monomers by endopeptidase from puff adder venom (*Bitis arietans*) acting at cross-linked sites of the gamma-chain. Sequence of carboxy-terminal cyanogen bromide gamma-chain fragments.

Effect of the cyanogen-bromide-2 fragment of fibrinogen on plasminogen activation by single-chain urokinase-type plasminogen activator.

Hybrid glycoproteins from human erythrocyte membranes. I. Isolation and complete structural analysis of the hybrid sialoglycoprotein from Dantu-positive red cells of the N.E. variety.

Oxygen metabolite-induced cytotoxicity to cultured rat gastric mucosal cells.

Comparison of the acute toxicity of endothal and cantharidic acid on mouse liver in vivo.

Effect of allyl alcohol-induced sublethal hepatic damage upon doxorubicin metabolism and toxicity in the rabbit.

Human growth hormone. Immunochemical characterization of polypeptide fragments purified by reversed phase-high performance liquid chromatography.

Transferrin receptors and transferrin iron uptake by cultured human blood monocytes.

Polyclonal activation of human peripheral blood lymphocytes by bacterial porins and defined porin fragments.

A collagen-like immunodeterminant on the surface of *Streptococcus sanguis* induces platelet aggregation.

Phenylethanolamine N-methyltransferase-containing neurons in the rostral ventrolateral medulla of the rat. I. Normal ultrastructure.

Endogenous Abscisic Acid and Indole-3-Acetic Acid and Somatic Embryogenesis in Cultured Leaf Explants of *Pennisetum purpureum* Schum. : Effects in Vivo and in Vitro of Glyphosate, Fluridone, and Paclobutrazol.

Binding and internalization of recombinant human erythropoietin in murine erythroid precursor cells.

Chloramphenicol accumulation by *Haemophilus influenzae*.

Alcohol loss arising from microbial contamination of drivers' blood specimens.

Effect of metabolic inhibitors on platelet attachment, spreading and aggregation on collagen-coated surfaces.

New modified activated partial thromboplastin time and prothrombin time methods using a synthetic chromogenic substrate in combination with diazotization.

Modulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-mediated myelotoxicity by thyroid hormones.

[Effects of phenol and related compounds on erythrocytes and hepatocytes from rats and dipalmitoyl phosphatidylcholine-liposomes].

Ultrastructural changes in the respiratory tract of rats following methyl isocyanate inhalation.

N-hydroxy-N-arylamides. III: Mechanism of haemoglobin oxidation by N-hydroxy-4-chloroacetanilide in erythrocytes in vitro.

Selective manipulation of neurohumoral control of the cardiac pacemaker by drugs given intrapericardially.

Troponin-T and glyceraldehyde-3-phosphate dehydrogenase share a common antigenic determinant.

Opioid modulation of thyrotropin releasing hormone induced prolactin secretion.

Changes in plasma proteins in rats treated for short periods with hepatotoxins or with agents which induce cytochrome P450 isoenzymes.

Derivation of CO₂ output from oscillations in arterial pH.

Toxicity of certain products of lipid peroxidation to the human malaria parasite *Plasmodium falciparum*.

Haemophilus influenzae type b polysaccharide-protein conjugate vaccine.

Combinations of mesna with cyclophosphamide or adriamycin in the treatment of mice with tumors.

Inhibition of the photosynthetic electron transport of isolated thylakoids by hemolyzed rabbit sera.
Evidence for the potential involvement of parallel electron transport in photosystem I Mehler reactions.

Mechanisms of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin (HpCDD)-induced humoral immune suppression: evidence of primary defect in T-cell regulation.

The roles of haemolymphatic lipoproteins in the oogenesis of *Rhodnius prolixus*.

Metabolism and distribution of [¹⁴C]glucose in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Uptake of L-threo-dihydroxyphenylserine into human brain synaptosomes.

The effect of a metabolic inhibitor upon the properties of the cerebral vasculature during a whole-head saline perfusion of the rat.

Phosphorylation of human fibrinogen in vitro with protein kinase C: characterization of the phosphorylated sites.

In vivo effectiveness of oral complexation agents in the management of iron poisoning.

Demonstration of Ca²⁺-ATPase activity in the maturation ameloblast of rat incisor after vascular perfusion.

Physiological, anatomic and behavioural changes in the respiratory system of *Salmo gairdneri* Rich. On acute and chronic exposure to chlorothalonil.

Acute effect of paraquat on lung fluid balance and prostanoid production in awake sheep.

Lack of genotoxic and cytotoxic effects of the herbicide lenacil on mouse tumor cells and on some *Salmonella typhimurium* strains.

[The degree of toxicity of the combined effects of chlorophenoxy derivative herbicides on reproductive function of warm-blooded animals, and the problems of their hygienic regulation].

[Neurologic manifestations in 93 patients with exogenous poisoning caused by non-therapeutic chemical substances].

A light and electron microscopic study of the regenerative epithelium in the intrahepatic bile duct.
Experimental study of local direct instillation of paraquat into the intrahepatic bile ducts of rats.

The effect of topically applied n-butylester of 2,4-dichlorophenoxyacetic acid on the immune response in mice.

The corrected collagen content in paraquat lungs.

Biological effects of the superoxide radical.

The impact of inhaled acrolein on hypertension-sensitive and resistant rats.

Absorption study of pentachlorophenol in persons working with wood preservatives.

Further studies of lipid peroxidation in human paraquat poisoning.

Stable dicentric chromosomes induced by chemical mutagens in L5178Y mouse lymphoma cells.

Multicenter evaluation of ultrafiltration, dialysis, and thermal coagulation as sample pretreatment methods for the colorimetric determination of paraquat in blood and tissues.

Current status of plasmapheresis in toxicology.

Influence of lipid peroxidation on beta-adrenoceptors.

Some effects of multiple, sublethal doses of monosodium methanearsonate (MSMA) herbicide on hematology, growth, and reproduction of laboratory mice.

Acrolein and embryogenesis: an experimental study.

Pseudomembranous colitis in a patient of paraquat intoxication.

The effect of prenatal exposure to the n-butylester of 2,4-dichlorophenoxyacetic acid (2,4-D) on the immune response in mice.

Specific hemoperfusion through agarose acrobeads.

Chronic progredient diffuse alveolar damage probably related to exposure to herbicides.

Diquat intoxication: treatment by charcoal haemoperfusion and description of a new method of diquat measurement in plasma.

Elimination of paraquat.

Delayed health hazards of pesticide exposure.

The effect of oral exposure to the n-butylester of 2,4-dichlorophenoxyacetic acid on the immune response in mice.

Attenuation of cytogenetic damage by 2-mercaptoethanesulfonate in cultured human lymphocytes exposed to cyclophosphamide and its reactive metabolites.

[Characteristics of an experimental model of alcoholic cardiomyopathy by diagnostic enzyme tests].

Removal of paraquat from contaminated fabrics.

Glutathione depletion as a determinant of sensitivity of human leukemia cells to cyclophosphamide.

Cytotoxicity, DNA cross-linking, and single strand breaks induced by activated cyclophosphamide and acrolein in human leukemia cells.

Bacterial infection and acute lung injury in hamsters.

Diphenhydramine and the calcium carbimide-ethanol reaction: a placebo-controlled clinical study.

Histamine action in paraquat-induced lung injury.

Relationship between cellular diadenosine 5',5'''-P₁,P₄-tetrphosphate level, cell density, cell growth stimulation and toxic stresses.

Thermotropic properties of human erythrocyte membrane proteins as affected by hydroxychloroaromatic compounds.

Depletion of human lymphocytes from peripheral blood and bone marrow by affinity ligands conjugated to agarose-polyacrolein microsphere beads.

Differential inhibition of rat tissue catalase by cyanamide.

[Pentachlorophenol concentrations in the organs and blood of 11 dead infants].

Effect of 3-amino-1,2,4-triazole pretreatment on ethanol blood levels after intraperitoneal administration.

Observations on the biochemical basis of ethanol metabolism by human macrophages.

The metabolism of xenobiotics by certain extrahepatic organs and its relation to toxicity.

Three abnormal fibrinogen variants with the same amino acid substitution (γ 275 Arg----His): fibrinogens Bergamo II, Essen and Perugia.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on IgA serum and bile levels in rats.

Poisoning by chemical non-medicinal products in Brazil: clinical and laboratory findings in 132 patients.

Effect of iron therapy on phagocytosis and bactericidal activity in neutrophils of iron-deficient infants.

Successful treatment of aplastic anemia associated with chronic thyroiditis and Sjögren's syndrome.

[Prevention of iron deficiency in infants by fortified milk. Field study of a low-fat milk].

Lipid peroxidative potency of photosensitized thiazide diuretics.

Modified selective medium for isolation of *Campylobacter* spp. from feces: comparison with Preston medium, a blood-free medium, and a filtration system.

Hyperferremia in immunosuppressed patients with acute nonlymphocytic leukemia and the risk of infection.

Bioavailability of iron in goat milk compared with cow milk fed to anemic rats.

Hematotoxic effects of 3,5-dinitro-4-chloro- α,α,α -trifluorotoluene, a water contaminant.

Methyl isocyanate subchronic vapor inhalation studies with Fischer 344 rats.

Bioavailability of iron in soy-based formula and its effect on iron nutriture in infancy.

Effects of oxygen and glucose deprivation on vasoactivity in isolated bovine middle cerebral arteries.

Tumor killing by human alveolar macrophages and blood monocytes. Decreased cytotoxicity of human alveolar macrophages.

Chronic hypoxaemia and decompensated erythrocytosis in cyanotic congenital heart disease.

Ascorbic acid does not augment the restoration effect of iron treatment for empty iron stores in patients after gastrointestinal surgery.

Heat stress proteins and experimental cancer metastasis.

Endogenous ethanol--its metabolic, behavioral and biomedical significance.

Antibody responses in protein-energy restricted beef cows and their cold stressed progeny.

Toxicity and evidence for metabolic alterations in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated guinea pigs fed by total parenteral nutrition.

Cross-linking of IgE-receptor complexes at the cell surface: a fluorescence method for studying the binding of monovalent and bivalent haptens to IgE.

Modulation of serum complement levels following exposure to polychlorinated dibenzo-p-dioxins.

Oxygen consumption in Plasmodium berghei-infected murine red cells: a direct spectrophotometric assay in intact erythrocytes.

Immunosuppression without liver induction by subchronic exposure to 2,7-dichlorodibenzo-p-dioxin in adult female B6C3F1 mice.

[Compensatory factors in acute failure of the isolated heart].

A monoclonal antibody preventing binding of tissue-type plasminogen activator to fibrin: useful to monitor fibrinogen breakdown during t-PA infusion.

Comparative evaluation of the effect of pharmacological agents on endocytosis and coendocytosis of IgE by rat basophilic leukaemia cells.

Effect of ischemia-related metabolic factors on thallium exchange in cultured rat myocardial cells.

Alcohol and acetaldehyde in rat's milk following ethanol administration.

Health effects of long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Phenotypic alterations in tumors that developed from threshold subcutaneous inocula. I. Reduced binding of natural antibodies and sensitivity to hypotonic lysis.

Iron deficiency and behavioral development in infants and preschool children.

Intermediary metabolism of the mature rat following 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment.

Monoclonal antibodies against ricin: effects on toxin function.

Increased binding of D-penicillamine to monocytes in rheumatoid arthritis.

Comparative uptake, retention and cytotoxicity of daunorubicin by human myeloid cells.

Plasma membrane potential of murine erythroleukemia cells: approach to measurement and evidence for cell-density dependence.

Subchronic oral toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the guinea pig: comparisons with a PCB-containing transformer fluid pyrolysate.

Iron deficiency in the elderly.

Regulation of alkaline phosphatase activity in rat hepatoma cells. Effects of serum proteins, cycloheximide, actinomycin D, chloroquine, dinitrophenol and potassium cyanide.

Carbonyl iron therapy for iron deficiency anemia.

Insulin internalization into monocytes is decreased in patients with type II diabetes mellitus.

[Cytogenetic activity of metabolites of pesticides representing different classes of chemical compounds].

Interaction of monoclonal antibodies with the IgE-receptor on rat mast cells and rat basophilic leukemia (RBL) cells.

Electrophysiological correlates of peroxide damage in guinea pig hippocampus in vitro.

Relationship of the wasting syndrome to lethality in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Eosinophil-mediated cellular cytotoxicity induced by zymosan-activated serum.

Subacute inhalation experiment for methyl bromide in rats.

[Effect of supplementation with iron on iron deposits in pregnancy, the puerperium and in the newborn infant].

A case of fatal sodium azide ingestion.

Contribution of drug transport and reductases to daunorubicin resistance in human myelocytic cells.

Synthesis and structure-activity relationships of antibacterial phosphonopeptides incorporating (1-aminoethyl)phosphonic acid and (aminomethyl)phosphonic acid.

Ferritin versus ferrous sulphate preparations: a controlled study in sideropaenic patients.

The C57B1/6 nu/nu, lpr/lpr mouse. III. Autoimmunity status.

[The influence of carrageenan, colchicine, 2,4-dinitrophenol, ethanol, galactose, indomethacin and liquoid on hemolytic complement activity (CH50E)].

The heat-shock response in vivo: experimental induction during mammalian organogenesis.

[Occurrence of drug reactions].

Staphylococcal alpha-toxin: a structure-function study using a monoclonal antibody.

[A method of preserving erythrocytic immunoglobulin diagnostic agents].

Transport of thiamin across the blood-brain barrier of the rat in the absence of aerobic metabolism.

Transport of cimetidine by the rat choroid plexus in vitro.

Cloning and expression in *Escherichia coli* of a synthetic DNA for hirudin, the blood coagulation inhibitor in the leech.

Nifedipine attenuates both alpha-1 and alpha-2 adrenoceptor-mediated pressor and vasoconstrictor responses in conscious dogs and primates.

Cross-linking site in fibrinogen for alpha 2-plasmin inhibitor.

Chemical and biological characterization of low-molecular-weight human skeletal growth factor.

Amino acid sequence of the sex steroid binding protein of human blood plasma.

The mechanisms by which haemoglobin inhibits the relaxation of rabbit aorta induced by nitrovasodilators, nitric oxide, or bovine retractor penis inhibitory factor.

Effect of sodium arsenite on liposomes and erythrocyte membranes.

Complementary DNA sequence of lamprey fibrinogen beta chain.

Prosimian hemoglobins. III. The primary structures of the duplicated alpha-globin chains of *Lemur variegatus*.

Human adenine phosphoribosyltransferase. Complete amino acid sequence of the erythrocyte enzyme.

Effects of heparin on prostacyclin binding and platelet adenylate cyclase activity stimulated by iloprost and forskolin.

1-amino-3,7,8-trichlorodibenzo-p-dioxin: a specific antagonist for TCDD-induced myelotoxicity.

Chemical conversion of aspartyl peptides to isoaspartyl peptides. A method for generating new methyl-accepting substrates for the erythrocyte D-aspartyl/L-isoaspartyl protein methyltransferase.

Mechanism of hepatotoxicity in periportal regions of the liver lobule due to allyl alcohol: studies on thiols and energy status.

Pantothenic acid transport through the blood-brain barrier.

Cloning of a cDNA coding for human factor V, a blood coagulation factor homologous to factor VIII and ceruloplasmin.

Transglutaminase modification of rhodopsin in retinal rod outer segment disk membranes.

The platelet reactivity of collagen type I: evidence for multiple platelet-reactive sites in the type I collagen molecule.

Teratogenicity of bifenox and nitrofen in rodents.

Characteristics of the large neutral amino acid transport system of bovine brain microvessel endothelial cell monolayers.

Concentration and chemical status of arsenic in the blood of pregnant hamsters during critical embryogenesis. 1. Subchronic exposure to arsenate utilizing constant rate administration.

Influence of extracellular calcium on allyl alcohol-induced hepatotoxicity.

Dependence of curing time, peak temperature, and mechanical properties on the composition of bone cement.

Effect of aminophylline on hindlimb blood flow autoregulation during increased metabolism in dogs.

Characterization of fibrinogen Milano I: amino acid exchange gamma 330 Asp----Val impairs fibrin polymerization.

The glutathione redox cycle as a defense system against hydrogen-peroxide-induced prostanoid formation and vasoconstriction in rabbit lungs.

Binding of 125I-labelled fibrin(ogen) fragments to platelets and to immunoprecipitated glycoprotein IIb-IIIa complex.

Red blood cells contain a pathway for the degradation of oxidant-damaged hemoglobin that does not require ATP or ubiquitin.

Arsenic levels in blood, urine, and hair of workers applying monosodium methanearsonate (MSMA).
pH shift during equilibrium dialysis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin metabolism and disposition in yellow perch.

Metabolism and disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rainbow trout.

Cellular uptake of 3,5,3'-triiodothyronine and thyroxine by red blood and thymus cells.

Concentration-related changes in blood and tissue parameters of hepatotoxicity and their interdependence in rats exposed to bromobenzene and 1,2-dichlorobenzene.

The modification of platelet-induced coronary vasoconstriction by a thromboxane receptor antagonist.

Human prostate-specific antigen: structural and functional similarity with serine proteases.

Prostaglandin release by the chick embryo heart is increased by 2,3,7,8-tetrachlorodibenzo-p-dioxin and by other cytochrome P-448 inducers.

Membrane glycoporphins in Sta blood group erythrocytes.

A calmodulin and alpha-subunit binding domain in human erythrocyte spectrin.

Effects of 2,4-dinitrophenol on renal ammoniogenesis in the rat.

Localization of thrombin cleavage sites in the amino-terminal region of bovine protein S.

Altered polyamine metabolism in Chinese hamster cells growing in a defined medium.

Vitamin E consumption by human blood platelets activated by latex particles.

Occupational exposure to chlorophenates. Renal, hepatic and other health effects.

Isolation and functional characterization of the heavy and light chains of human tissue-type plasminogen activator.

Influence of pulmonary blood flow and O₂ flux on DO₂ in avian lungs.

Erythrocyte incorporation of ingested stable isotope of iron (⁵⁸Fe).

Chemotactic activity of collagen-like polypeptides for human peripheral blood neutrophils.

Platelet-leukocyte interaction: selective binding of thrombin-stimulated platelets to human monocytes, polymorphonuclear leukocytes, and related cell lines.

Fixation, fine structure, and immunostaining for neuropeptides: perfusion versus immersion of the neuroendocrine hypothalamus.

Uncoupling effects of 2,4-dinitrophenol on electron transfer reactions and cell bioenergetics in rat brain in situ.

Complete amino acid sequence of NADH-cytochrome b₅ reductase purified from human erythrocytes.

Identification of a thrombin sequence with growth factor activity on macrophages.

Synergistic incorporation of daunorubicin in erythrocytes in the presence of polyene antibiotics. Role of the membrane potential.

Folate status during pregnancy and lactation in a West African rural community.

The increase of body iron stores estimated by the increase of serum ferritin concentration during ferrous sulphate treatment after gastrointestinal surgery.

The importance of aspartate aminotransferase for platelet aggregation.

Structure-function relationships of thrombin based on the computer-generated three-dimensional model of the B chain of bovine thrombin.

The preparation of ¹¹C-labelled fluoromethane for the study of regional cerebral blood flow using positron emission tomography.

Respiratory adjustments of the unanaesthetized chicken, *Gallus domesticus*, to elevated metabolism elicited by 2,4-dinitrophenol or cold exposure.

Humoral immunotoxicity of polychlorinated diphenyl ethers, phenoxyphenols, dioxins and furans present as contaminants of technical grade pentachlorophenol.

Congenital glaucoma and retinal dysplasia.

Experimental cytoxan cystitis and prevention by acetylcysteine.

Intravascular haemolysis induced by pentachlorophenol.

Protective effect of activated charcoal in cattle poisoned with atrazine.

Sequential bilateral lung transplantation for paraquat poisoning. A case report. The Toronto Lung Transplant group.

Recovery from paraquat pneumonitis.

Steroid pretreatment does not prevent paraquat pneumonitis in rabbits.

Hemoperfusion-hemodialysis ineffective for paraquat removal in life-threatening poisoning?

Extraction and quantification of paraquat in liver and hemolyzed blood.

Health hazards of natural and introduced chemical components of boatbuilding woods.

Pathogenesis of acute and chronic lung injury induced by foreign compounds.

Mechanisms of tobacco smoke toxicity on pulmonary macrophage cells.

Failure of desferrioxamine to modify the toxicity of paraquat in rats.

Investigation of adrenal steroids and 25-hydroxy-cholecalciferol in human gramoxone poisoning.

Therapy of digoxin intoxication in dogs by specific hemoperfusion through agarose polyacrolein microsphere beads-antidigoxin antibodies.

On the genotoxicity of the pesticides Endodan and Kilacar in 6 different test systems.

The effect of the plant cell inhibitor propachlor (alpha-chloro-N-isopropyl-acetanilide) on the cell cycle of L1210 cells as evaluated by flow cytometry.

Hydrogen peroxide has a role in the aggregation of human platelets.

Restoration of sensitivity to oxazaphosphorines by inhibitors of aldehyde dehydrogenase activity in cultured oxazaphosphorine-resistant L1210 and cross-linking agent-resistant P388 cell lines.

Organization of the cytoskeleton in resting, discoid platelets: preservation of actin filaments by a modified fixation that prevents osmium damage.

Gas chromatographic determination of pentachlorophenol in human blood and urine.

A comparative study of the inhibition of hepatic aldehyde dehydrogenases in the rat by methyltetrazoethiol, calcium carbimide, and disulfiram.

Demonstration of a functional blood-testis barrier to acetaldehyde. Evidence for lack of acetaldehyde effect on ethanol-induced depression of testosterone in vivo.

Metabolism and excretion of orally administered arsenic trioxide in the hamster.

Iron detoxification by haemoperfusion through deferoxamine-conjugated agarose-polyacrolein microsphere beads.

The effect of paraquat on the peroxide metabolism enzymes in erythrocytes of freshwater fish species.

[Effect of iron-enriched rolls on the hematological indicators and clinical symptoms in women of childbearing age].

Methylthio-capping of selenocysteamine: preliminary studies on selective toxicity for cancer chemotherapy.

Iron deficiency anemia and educational achievement.

Structure-genotoxic activity relationships of pesticides: comparison of the results from several short-term assays.

Respiratory effects of borax dust.

Evaluation of immune function in mice exposed to Ordram.

Surface functions during mitosis in rat basophilic leukemia cells.

Membrane and cytoskeletal changes associated with IgE-mediated serotonin release from rat basophilic leukemia cells.

Iron deficiency among incarcerated juvenile delinquents.

Decreased iron stores in high school female runners.

Changed enzyme activities in rat kidney during ischemia.

[Clinical significance of the chemoluminescence of the blood in acute paraproctitis].

Commentary on 2,3,7,8-tetrachlorodibenzo-para-dioxin (TCDD).

Does iron supplementation compromise zinc nutrition in healthy infants?

[Treatment of the complications of pulp gangrene: clinical evaluation of a modified Walkhoff paste used in abutment technics].

[Blood chemiluminescence in the diagnosis of acute inflammatory diseases of the abdominal organs].

Circulatory responses to 2,4-dinitrophenol in dog limb during normoxia and hypoxia.

ATP depletion and loss of cell integrity in anoxic hepatocytes and silica-treated P388D1 macrophages.

Chemical structure of carbamoylating groups and their relationship to bone marrow toxicity and antiangioma activity of bifunctionally alkylating and carbamoylating nitrosoureas.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and 2,3,7,8-tetrachlorodibenzofuran (TCDF) in pregnant C57BL/6N mice: distribution to the embryo and excretion.

The mortality of boot and shoe makers, with special reference to cancer.

Hydrogen peroxide from cellular metabolism of cystine. A requirement for lysis of murine tumor cells by verneolepin, a glutathione-depleting antineoplastic.

Hepatotoxic doses of dioxin do not damage mouse bone marrow chromosomes.

Iron malabsorption in giardiasis.

alpha-1-Antitrypsin metabolism in the protein-deficient weanling rat.

[Pharmacodynamic research on the antianemia effect of rutozid combinations with iron and ascorbic acid].

Suppressive effect of secondary *Toxoplasma gondii* infection on antibody responses in mice.

Cyclic GMP levels in interferon treated cells.

Toxicity and fetotoxicity of TCDD, TCDF and PCB isomers in rhesus macaques (*Macaca mulatta*).

Characterization of fibrinogen New York 1. A dysfunctional fibrinogen with a deletion of B beta(9-72) corresponding exactly to exon 2 of the gene.

[Pseudotumor cerebri associated with iron-deficiency anemia].

Relationship between 3H-histamine uptake and H₂-receptors in the human promyelocytic leukemia cell line HL-60.

Dose-related effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C57BL/6J and DBA/2J mice.

Acetaldehyde and alcohol levels in pregnant rats and their fetuses.

Haematological response to supplements of iron and riboflavin to pregnant and lactating women in rural Gambia.

Mouse monoclonal antibodies at the red cell surface--I. Generation of EAC4 and interaction with C1.

Hair and fingernail changes in acquired and congenital pernicious anemia.

Cellular pharmacology in murine and human leukemic cell lines of diaziquone (NSC 182986).

Pharmacokinetics of elimination of 6-mercaptopurine in the urine of children with acute lymphoblastic leukemia.

Autologous transfusion in orthognathic surgery.

Metabolic energy pathways in *Theileria annulata* sporozoites and their significance in sporozoite-bovine lymphocyte interactions in vitro.

Effect of thyroidectomy and thyroxine on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immunotoxicity.

A study of the mutagenic effect of 3-methyl-4-nitrophenol on the somatic cells of the mouse.

Lack of adverse side effects of oral ferrous sulfate therapy in 1-year-old infants.

Homeostatic mechanisms in the utilization of exogenous iron in children recovering from severe malnutrition.

Immunoradiometric assay to measure the in vitro penetration of sporozoites of malaria parasites into hepatoma cells.

Occupational chronic exposure to organic solvents. XII. O-cresol excretion after toluene exposure.

Whole bowel irrigation for toxic ingestions.

Umbilical haemorrhage due to ferrous sulphate in newborn piglets.

[Determination of free serum phenol by gas-liquid chromatography in hemosorption].

Evaluation of chemicals used for drinking water disinfection for production of chromosomal damage and sperm-head abnormalities in mice.

[Multiple basalomas following long-term intake of arsenic].

Treatment of iron-deficiency anaemia of infancy with bebe-tardyferon depot coated tablet.

[Initiated chemiluminescence of surface-active substances in the lungs and blood serum].

Mutagenesis at the ouabain-resistance locus of 3.7.2C L5178Y cells by chromosomal mutagens.

Conferon capsules in the therapy of sideropenic anemia.

Two separable steps in the development of platelet prothrombin-converting activity.

Neurotoxicity and metabolism of methyl bromide in rats.

Gas-liquid chromatographic analysis of ethanol and acetaldehyde in blood with minimal artifactual acetaldehyde formation.

Assessment of attachment, ingestion, and killing of Escherichia coli by bovine polymorphonuclear cells with combined micromethods.

Autoregulation of hind-limb blood flow in conscious dogs.

Mechanism of tachycardia caused by intracarotid PGE₂ in conscious ewes.

Central thyrotropin-releasing hormone elicits systemic hypoglycemia in mice.

The interaction of human platelet thrombospondin with fibrinogen. Thrombospondin purification and specificity of interaction.

NTP Toxicology and Carcinogenesis Studies of 1,2-Dichlorobenzene (o-Dichlorobenzene) (CAS No. 95-50-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Influence of high dietary iron as ferrous carbonate and ferrous sulfate on iron metabolism in young calves.

Acute myelotoxic responses in mice exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Analysis of the binding of a hemopoietic growth factor, P-cell-stimulating factor, to a cell surface receptor using quantitative absorption of bioactivity.

Primary structure of p19 species of avian sarcoma and leukemia viruses.

Subacute physiological effects of bleached kraft mill effluent (BKME) on the liver of trout, *Salmo gairdneri*.

Purification and characterization of human lipoprotein lipase and hepatic triglyceride lipase. Reactivity with monoclonal antibodies to hepatic triglyceride lipase.

Uptake of glucose analogues into cultured cerebral microvessel endothelium.

¹¹C-labeled 4-isopropylantipyrine: preparation and biological evaluation as a blood flow tracer in positron emission tomography (PET).

Effects of ATP and cyclic AMP on the (Na⁺ + K⁺ + 2Cl⁻)-cotransport system in turkey erythrocytes.

Localization of a fibrinogen calcium binding site between gamma-subunit positions 311 and 336 by terbium fluorescence.

Amino acid sequences of the carboxyl-terminal regions of rat plasma fibrinogen gamma A and gamma' chains.

Activation of the hole-forming toxin aerolysin by extracellular processing.

Inhibition by pesticides of prostaglandin formation in blood platelets.

Amino acid sequence of chicken gizzard beta-tropomyosin. Comparison of the chicken gizzard, rabbit skeletal, and equine platelet tropomyosins.

Species specificity in the acceleration of tissue-type plasminogen activator-mediated activation of plasminogens, by fibrinogen cyanogen bromide fragments.

Dermal absorption of pesticides calculated by deconvolution.

Sublethal effects of simulated pulp mill effluents on the respiration and energy metabolism of rainbow trout (*Salmo gairdneri*).

Degradation of peptides and proteins of different sizes by homogenates of human MRC5 lung fibroblasts. Aged cells have a decreased ability to degrade shortened proteins.

Maintenance of the integrity of the blood-brain barrier in the rat during an in situ saline-based perfusion.

Chemiluminescence by peripheral blood phagocytes from channel catfish: function of opsonin and temperature.

A comparison of physiological changes in carp, *Cyprinus carpio*, induced by several pollutants at sublethal concentrations. I. The dependency on exposure time.

Lipid peroxidation modifies the effect of phenolic anti-inflammatory drugs on prostaglandin biosynthesis.

[Reproductive ability of *Staph. aureus* and *E. coli* in the presence of human blood and various levels of carrageenan, colchicine, indomethacin, galactose and 2,4-dinitrophenol].

[Effect of metabolic inhibitors on formed novocaine and neutral red segregation zones in frog erythrocytes].

Markers of fibrinogen derivatives used in clinical investigation.

Selective depression of thymus-independent anti-DNP antibody responses induced by adult but not neonatal splenectomy.

Potentiated hepatotoxicity from concurrent administration of acetaminophen and allyl alcohol to rats.

Activation of Na⁺-dependent transport at fertilization in the sea urchin: requirements of both an early event associated with exocytosis and a later event involving increased energy metabolism.

Pharmacokinetic analysis of potassium cyanate in mice using whole blood and expired air.

Atriopeptin-immunoreactive neurons in the brain: presence in cardiovascular regulatory areas.

Selective medium for isolation of *Haemophilus somnus* from cattle and sheep.

Immunochemical determination of conformational equilibria for fragments of the B beta chain of fibrinogen.

Catalytic activity and platelet reactivity of heparin covalently bonded to surfaces.

Effects of oxygen radicals on cerebral arterioles.

[ATPase activity of the novocaine segregation zones isolated from the erythrocytes of the common frog].

Putrescine transport in human platelets.

Amino acid sequence of the beta-chain of the tetrameric haemoglobin of the bivalve mollusc, *Anadara trapezia*.

[Secretin and pancreatic secretion in iron absorption].

Assessment of exposure to organophosphate insecticides during spraying in Haiti: monitoring of urinary metabolites and blood cholinesterase levels.

Influence of endogenous catalase activity on the sensitivity of the oral bacterium *Actinobacillus actinomycetemcomitans* and the oral haemophili to the bactericidal properties of hydrogen peroxide.

The protective effect of pollen extracts against allyl alcohol damage of the liver.

Lamprey fibrinogen gamma chain: cloning, cDNA sequencing, and general characterization.

The epidemiology and toxicology of TCDD.

Toxicologic studies in a fatal overdose of 2,4-D, mecoprop, and dicamba.

[Cytogenic activity of the combined action of the herbicides 2,4-D and 2,4,5-T].

[Interrelation of the level of acid phosphatase activity of erythrocytes and the phenotype of workers in the chemical industry].

Induction of sister chromatid exchanges by the peroxisome proliferators 2,4-D, MCPA, and clofibrate in vivo and in vitro.

Distribution and toxicity of monosodium methanearsonate following oral administration of the herbicide to dairy sheep and goats.

Evaluation of diallate and triallate herbicides for genotoxic effects in a battery of in vitro and short-term in vivo tests.

Selected responses of hypertension-sensitive and resistant rats to inhaled acrolein.

An evaluation of the mutagenic potential of cyanamide using the micronucleus test.

Effects of dietary methionine, methylmercury, and atrazine on ex-vivo synthesis of prostaglandin E1 and thromboxane B2.

The antispermatogenic effect and toxicity of 2, 4-dinitro-6-tert-butylphenyl methanesulfonate on Sprague-Dawley rat.

Additional data on the mutagenic effect of dinitro-o-cresol-containing herbicides.

Plasma pentachlorophenol concentrations in calves exposed to treated wood in the environment.

Pathogenesis of paraquat-induced pulmonary hemorrhage in hamsters with special reference to arterial constriction.

The acute effects of single and repeated injections of acrolein and other aldehydes.

Normothermic whole body rinse-out utilizing perfluorochemical(PFC)-containing artificial blood.

Acute diquat intoxication. Interest of its repeated determination in urine and the evaluation of renal proximal tubule integrity.

Tailor-made agarose-based reactive beads for hemoperfusion and plasma perfusion.

The effects of hypolipidemic peroxisome proliferators on the induction of sister chromatid exchanges.

Uptake, distribution and elimination of monosodium methanearsonate following long term oral administration of the herbicide to sheep and goats.

[Cytogenetic activity of the herbicide sodium trichloroacetate].

[Changes in the lung tissue of newborn rats after paraquat as a model of respiratory distress].

Penetration of some compounds through blood-brain and blood-testis barriers in chronically hypertensive rats.

Quantitative liver functions after administration of allyl alcohol to rats.

[Effect of herbazin 50 on the course of suppurative surgical infection in sheep].

Extracorporeal removal of specific antibodies by hemoperfusion through the immunosorbent agarose-polyacrolein microsphere beads: removal of anti-bovine serum albumin in animals.

Hyperoxia and paraquat alter the kinetics of platelet serotonin uptake.

Determination of 2-ethylhexyl 2,4-dichlorophenoxyacetate in rat blood and urine by electron-capture gas chromatography and gas chromatography-mass spectrometry.

A reinvestigation of the usefulness of breath analysis in the determination of blood acetaldehyde concentrations.

Organ and cellular distribution of inhaled metallic mercury in the rat and Marmoset monkey (*Callithrix jacchus*): influence of ethyl alcohol pretreatment.

The metabolic activation of cyanamide to an inhibitor of aldehyde dehydrogenase is catalyzed by catalase.

Decrease in calcium carbimide (calcium cyanamide)-induced inhibition of rat hepatic aldehyde dehydrogenases by multiple ethanol administration.

Delayed ethanol elimination from rat blood after treatment with thiram, tetramethylthiuram monosulfide, ziram, or cyanamide.

A quantitative study of peroxidase activity in unfixed tissue sections of the guinea-pig thyroid gland.

Determination of the herbicides paraquat and diquat in blood and urine by gas chromatography.

Activated cyclophosphamide: an enzyme-mechanism-based suicide inactivator of DNA polymerase/3'-5' exonuclease.

Effects of paraquat on peroxide metabolism enzymes and lipid peroxidation in the rat.

Perfused canine brain: metabolism and blood-brain transport during altered metabolic states.

Specific removal of digoxin by hemoperfusion through agarose polyacrolein microsphere polyacrolein microsphere beads-antidigoxin antibodies (APAMB-AD).

[Changes in erythrocyte form as affected by the pesticide sodium pentachlorophenolate (scanning electron microscopy)].

Epitopes immunologically related to glycophorin A on human malignant and non-malignant cells in culture.

A novel human myelomonocytoid cell line, P39/Tsugane, derived from overt leukemia following myelodysplastic syndrome.

[Absorption of iron from milk enriched with ferrous sulfate for the prevention of anemia in pregnancy].

Cross-resistance to rhodamine 123 in Adriamycin- and daunorubicin-resistant Friend leukemia cell variants.

Production of target-specific effector cells using hetero-cross-linked aggregates containing anti-target cell and anti-Fc gamma receptor antibodies.

Effects of zeolite a or clinoptilolite in diets of growing swine.

Role of acidosis in early contractile dysfunction during ischemia: evidence from pH_o measurements.

Toxic agent and radiation control: meeting the 1990 objectives for the nation.

[Mutagenic action of 5 prospective pesticides on mouse bone marrow, in a culture of human peripheral blood lymphocytes and on saccharomycete yeasts].

The cromolyn binding protein constitutes the Ca²⁺ channel of basophils opening upon immunological stimulus.

Cobalt--from bacteria to borax bead test.

Anaemia in old age.

Enhancing effects of monocytes on modulation of a lymphocyte membrane antigen.

Immunosuppression in weanling and adult Sprague-Dawley rats induced by acute exposure to 3,3',4,4'-tetrachloroazoxybenzene.

The effectiveness of chemical carcinogens to induce atherosclerosis in the white Carneau pigeon.

A monoclonal antibody to hemoglobin F.

[Mechanism of the cytotoxic action of the natural zeolite clinoptilolite].

Indian anaemia: salt as iron vehicle.

The pharmacological profile of the thromboxane A₂ antagonist BM 13.177. A new anti-platelet and anti-thrombotic drug.

Haemochromatosis following prolonged oral iron ingestion.

Acute lung injury in rat caused by immunoglobulin A immune complexes.

Effect of iron-deficiency anemia on percent blood volume in growing rats.

[Comparative evaluation of the effectiveness of iron preparations in iron deficiency anemia].

Contribution of education to cost-effective care of microcytic, hypochromic anemia.

Connective tissue antigens stimulate collagenase production in arthritic diseases.

Evidence for a role of hydroxyl radical in immune-complex-induced vasculitis.

Acute Heinz-body anemia due to severe cresol poisoning: successful treatment with erythrocytapheresis.

General principles of the evaluation and therapy of anemias.

In vivo and in vitro effects of sodium azide on mouse complement.

Glucose-6-phosphate-dehydrogenase-deficient erythrocytes have an impaired shape recovery mechanism.

Modification of sialic acid carboxyl group of ganglioside.

Proline transport and metabolism in *Rickettsia prowazekii*.

Coprophagy in iron-deficient rats: II. 2 novel methods of prevention.

Human monocyte-mediated tumor cytotoxicity. I. Demonstration of an oxygen-dependent myeloperoxidase-independent mechanism.

Erythrocyte membrane alterations as the basis of chlorate toxicity.

Benoxaprofen photosensitization of cell membrane disruption.

Oxygen-independent killing of *Bacteroides fragilis* by granule extracts from human polymorphonuclear leukocytes.

Identification of an anti-monocyte monoclonal antibody that is specific for membrane complement receptor type one (CR1).

Poly-L-arginine and an N-formylated chemotactic peptide act synergistically with lectins and calcium ionophore to induce intense chemiluminescence and superoxide production in human blood leukocytes. Modulation by metabolic inhibitors, sugars, and polyelectrolytes.

Neutrophil-mediated cellular cytotoxicity induced by zymosan-activated serum.

Blood-free selective medium for isolation of *Campylobacter jejuni* from feces.

Methylbromide: carcinogenic effects in the rat forestomach.

Interactions of thrombospondin with extracellular matrix proteins: selective binding to type V collagen.

Purification to homogeneity and partial characterization of interleukin 2 from a human T-cell leukemia.

Decarboxylation of uroporphyrinogen I and III in 2,3,7,8-tetrachlorodibenzo-p-dioxin induced porphyria in mice.

Development of chronic hepatic porphyria (porphyria cutanea tarda) with inherited uroporphyrinogen decarboxylase deficiency under exposure to dioxin.

The assessment of iron stores in children on regular dialysis treatment.

Effects of metabolic deprivation on methotrexate transport in L1210 leukemia cells: further evidence for separate influx and efflux systems with different energetic requirements.

Calcium is a competitive inhibitor of gentamicin-renal membrane binding interactions and dietary calcium supplementation protects against gentamicin nephrotoxicity.

Antithrombin III Toyama: replacement of arginine-47 by cysteine in hereditary abnormal antithrombin III that lacks heparin-binding ability.

On the absorption of divalent and trivalent iron in living rats.

Iron pharmacokinetics after administration of ferric-hydroxide-polymaltose complex in rats.

Toxicologic, pathologic, and immunotoxic effects of 2,4-dichlorophenol in rats.

Separation of the tryptic peptides and cyanogen bromide fragments of the human embryonic zeta chains of hemoglobin in Portland I and II by reverse phase high performance liquid chromatography.

Improved red cell survival in patients with chronic subclinical haemolysis due to artificial heart valve. Observations after in vitro treatment of the cells with potassium cyanate.

An acquired inhibitor of factor XIII with a qualitative abnormality of fibrin cross-linking.

Application of an enzyme-linked immunosorbent assay for detection of *Brucella* antigens in vaginal discharge of cows.

Polychlorinated biphenyls (PCBs) and polybrominated biphenyls (PBBs): biochemistry, toxicology, and mechanism of action.

Inhibition of erythrocyte plasma membrane NADH dehydrogenase by nucleotides and uncouplers.

Erythrocyte band 3 protein: evidence for multiple membrane-crossing segments in the 17 000-dalton chymotryptic fragment.

Effect of propranolol in dinitrophenol poisoning.

Cross-linking of histone H5 in hen erythrocyte nuclei.

Specific fibrinogen quantitation by electroimmunodiffusion in agarose gel containing heparin.

The covalent protein structure of insecticyanin, a blue biliprotein from the hemolymph of the tobacco hornworm, *Manduca sexta* L.

Influence of cyanogen-bromide-digested fibrinogen on the kinetics of plasminogen activation by urokinase.

Lead flux through the kidney and salivary glands of rats.

Intracellular calcium storage and release in the human platelet. Chlorotetracycline as a continuous monitor.

Specificity of human IgM M-proteins that bind to myelin-associated glycoprotein: peptide mapping, deglycosylation, and competitive binding studies.

Antigens encoded by the 3'-terminal region of human T-cell leukemia virus: evidence for a functional gene.

Blood glutathione as a measure of exposure to toxic compounds.

Comparison of mass spectrometric methods for trace level screening of hexachlorobenzene and trichlorophenol in human blood serum and urine.

Peripheral and central actions of sodium azide on circulatory and respiratory homeostasis in anesthetized cats.

Fine-structure analyses of lipid-protein and protein-protein interactions of gag protein p19 of the avian sarcoma and leukemia viruses by cyanogen bromide mapping.

Development of markers for cholinergic neurones in re-aggregate cultures of foetal rat whole brain in serum-containing and serum-free media: effects of triiodothyronine (T3).

Uptake and metabolism of thyroid hormones by the rat foetus in early pregnancy.

Use of bacteria and yeasts to identify T lymphocytes in peripheral blood and lymphoid tissues of healthy guinea pigs and guinea pigs fed aflatoxin.

Effect of metabolic inhibitors on the ability of human T lymphocytes to form active T rosettes.

Membrane protein carboxyl methylation does not appear to be involved in the response of erythrocytes to cytoskeletal stress.

Altered blood levels of corticosteroids in the rat after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Amino acid sequence of NADH-cytochrome b5 reductase of human erythrocytes.

Endogenous peroxidase in the nuclear envelope and endoplasmic reticulum of human monocytes in vitro: association with arachidonic acid metabolism.

Plasminogens Tochigi II and Nagoya: two additional molecular defects with Ala-600----Thr replacement found in plasmin light chain variants.

A new procedure to analyze free fatty acids. Application to 20-mg brain tissue samples.

Evaluation of the genotoxicity of cresols using sister-chromatid exchange (SCE).

Effects of increasing metabolism by 2,4-dinitrophenol on respiration and pulmonary gas exchange in the duck.

Pregnancy-associated plasma protein A: purification under mild conditions, peptide mapping and tests for possible interactions with trypsin, plasmin and complement.

Conformation of the carboxy-terminal region of the A alpha chain of fibrinogen as elucidated by immunochemical analyses.

Primary structure, biochemical and physiological aspects of hemoglobin from South American lungfish (*Lepidosiren paradoxus*, Dipnoi).

Steady-state discharge and bursting of arterial chemoreceptors in the duck.

Receptor and non receptor-mediated activation of blood platelets. Effect on membrane-cytoskeleton interaction.

The use of sodium 2-mercaptoethane sulfonate to prevent cyclophosphamide cystitis.

Blood coagulation and acute iron toxicity. Reversible iron-induced inactivation of serine proteases in vitro.

Gastrointestinal absorption and metabolism of capsaicin and dihydrocapsaicin in rats.

The location of a second in vivo phosphorylation site in the A alpha-chain of human fibrinogen.

Exocytosis and macrophage-mediated antibody-dependent cellular cytotoxicity: a cautionary note.

Binding and lysis of antibody-coated human erythrocytes by activated human monocytes.

Sensitivity of cAMP-stimulated salt secretion in shark rectal gland to "loop" diuretics.

Preparation and characterization of NH₂-terminal fibrinogen B beta fragments from N-DSK of human fibrinogen.

Kinetics of the activation of plasminogen by natural and recombinant tissue-type plasminogen activator.

The ability of campylobacter media supplements to neutralize photochemically induced toxicity and hydrogen peroxide.

Different susceptibility of mouse tissues to porphyrogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Investigation on a selective non-prostanoid thromboxane antagonist, BM 13.177, in human platelets.

Localization of a chemotactic domain in human thrombin.

erythro-beta-Hydroxyaspartic acid in bovine factor IX and factor X.

Mitochondrial oxidative phosphorylation: tissue oxygen sensor for regulation of coronary flow.

Effect of oral iron supplementation during pregnancy on maternal and fetal iron status.

Hemoglobin binds to the amino-terminal 23-residue fragment of human erythrocyte band 3 protein.

[Structural changes in erythrocyte ghosts after irradiation and the initiation of lipid oxidation detectable using 2,6-TNS and fluorescamine].

Influence of anoxia and dinitrophenol on Ca²⁺ efflux and phosphorylase a activity in rabbit colon smooth muscle.

Chlorinated compounds and phenols in tissue, fat, and blood from rats fed industrial waste site soil extract: methods and analysis.

Prolonged red cell survival following in vitro treatment with potassium cyanate. A study in patients undergoing open-heart surgery.

Sensitivity to suppression of cytotoxic T cell generation by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) is dependent on the Ah genotype of the murine host.

Observations on the effects of cyclophosphamide, phosphoramidate mustard and some activated oxazaphosphorines on murine L1210 leukemia.

Panning separation for monoclonal antibody-specific T-cell subsets: effects of enzymes and metabolic inhibitors.

Genetically abnormal fibrinogens--strategies for structure elucidation, including fibrinopeptide analysis.

Studies on the toxin of *Aspergillus fumigatus*. XVIII. Photooxidation of asp-hemolysin in the presence of various dyes and its relation to the site of hemolytic activity.

Role of kidney and liver in degradation of circulating submaxillary renin in mice.

Polyamine oxidase-mediated intraerythrocytic killing of *Plasmodium falciparum*: evidence against the role of reactive oxygen metabolites.

Structure and function of normal fibrinogen.

The stimulatory effect of platelet homogenate on prolyl hydroxylase activity in L-929 cells.

Pharmacologic modulation in vitro of human histamine-induced suppressor cell activity.

The effect of nitrofen [4-(2,4-dichlorophenoxy)nitrobenzene] on the reproductive performance of male rats.

Fatality due to paraquat intoxication: confirmation by postmortem tissue analysis.

Effects of purified pentachlorophenol on the serum proteins of young pigs.

Subacute toxicity of paraquat in rats--biochemical effects.

The effects on rat pups when nitrofen (4-(2,4-dichlorophenoxy)nitrobenzene) was applied dermally to the dam during organogenesis.

Medical and morbidity surveillance findings among employees potentially exposed to TCDD.

Subacute toxicity of Basalin in rats.

Potential of ethanol toxicity by cyanamide in relation to acetaldehyde accumulation.

Haemoperfusion for paraquat poisoning.

Haemoperfusion ineffective for paraquat removal in life-threatening poisoning.

Hemoperfusion in a child who ingested diquat and died from pontine infarction and hemorrhage.

[Prognostic factors in acute paraquat poisoning. A retrospective study of cases registered by the Poison Control Center of Paris in 1981].

In vivo evaluation of a composite sorbent for the treatment of paraquat intoxication by hemoperfusion.

[Clinical findings and treatment of paraquat poisoning in childhood].

Evaluation of amitrole (aminotriazole) for potential carcinogenicity in orally dosed rats, mice, and golden hamsters.

Haemoperfusion ineffective for paraquat removal in life-threatening poisoning.

The effects of acetaldehyde and acrolein on blood pressure in guanethidine-pretreated hypertensive rats.

Novel composite sorbent beads for paraquat removal by hemoperfusion.

[Acute paraquat poisoning: prognostic and therapeutic significance of blood assay].

[Deliberate poisoning with paraquat, death in less than 24 hours].

Paraquat-induced enhancement of vascular permeability.

Physiological changes in carps induced by pollution.

Effects of paraquat on plasma glucose, cortisol, catecholamines, and insulin in the beagle.

New considerations on the time-dependence of toxic changes caused by paraquat poisoning.

Aplastic anemia and red cell aplasia due to pentachlorophenol.

Cytotoxicity of cinnamic aldehyde on leukemia L1210 cells.

Sister chromatid exchanges among workers occupationally exposed to phenoxy acid herbicides 2,4-D and MCPA.

Correlation between brain tissue and cerebrospinal fluid concentrations of selected compounds in rats with intact and injured blood-brain barrier.

Cardiovascular effects of acetaldehyde accumulation after ethanol ingestion: their modification by beta-adrenergic blockade and alcohol dehydrogenase inhibition.

Exposure of pesticide applicators to nitrofen: influence of formulation, handling systems, and protective garments.

A placebo-controlled double-blind comparative clinical study of the disulfiram- and calcium carbimide-acetaldehyde mediated ethanol reactions in social drinkers.

Effect of increasing carbon chain length on organic acid transport by the choroid plexus: a potential factor in Reye's syndrome.

Effects of chlorinated phenols on immunity in rats.

Iron overload of spleen, liver and kidney as a consequence of hemolytic anaemia.

[Modification of 2,4-dichlorophenoxyacetate-induced myotonia of cold blood muscles by variations in external Ca^{++} and K^+ concentrations].

Plasma glutathione and glutathione disulfide in the rat: regulation and response to oxidative stress.

Agarose-polyaldehyde microsphere beads: synthesis and biomedical applications. Cell labeling, cell separation, affinity chromatography, and hemoperfusion.

Acute toxicity of fluorinated ether anesthetics: role of 2,2,2-trifluoroethanol and other metabolites.

[Effect of chlorine-containing pesticides on the hemolytic stability and acetylcholinesterase activity of erythrocytes].

Procedure for the determination of residues of (2,4-dichlorophenoxy)acetic acid in dermal exposure pads, hand rinses, urine, and perspiration from agricultural workers exposed to the herbicide.

Effects of intravenous acetaldehyde, acrolein, formaldehyde and propionaldehyde on arterial blood pressure following acute guanethidine treatment.

Whole body and liver distribution of inhaled mercury vapor in the mouse: influence of ethanol and aminotriazole pretreatment.

[Molecular mechanisms of interaction between blood serum albumin and dinitroorthocresol].

Metabolism of [^{14}C]paraldehyde in mice in vivo, generation and trapping of acetaldehyde.

The effect of ethanol on the absorption, accumulation and biotransformation of xenobiotics by the isolated perfused rabbit lung.

Paraquat concentration and renal function in mice fed purified and cereal-based diets.

Metabolic activation of cyanamide to an inhibitor of aldehyde dehydrogenase in vitro.

Blood acetaldehyde levels in alcohol-dosed rats after treatment with ANIT, ANTU, dithiocarbamate derivatives, or cyanamide.

Investigations into the production of acetate from ethanol by human blood and bone marrow cells in vitro.

Glutathione peroxidase blockage inhibits prostaglandin biosynthesis in rat platelets and aorta.

Studies on the effect of paraquat on glycogen mobilization in liver of common carp (*Cyprinus carpio* L.).

Iron-storage deficiency and iron supplementation in pregnancy.

The relative effectiveness of iron and iron with riboflavin in correcting a microcytic anaemia in men and children in rural Gambia.

Biochemical modulation of angiogenesis in the chorioallantoic membrane of the chick embryo.

[A case from practice (20)].

Turnover of excess hemoglobin alpha chains in beta-thalassemic cells is ATP-dependent.

Lymphocyte transformation to connective tissue antigens in adult and juvenile rheumatoid arthritis, osteoarthritis, ankylosing spondylitis, systemic lupus erythematosus, and a nonarthritic control population.

Bioavailability of different sources of ferrous sulfate iron fed to anemic rats.

Energy-dependent reduced drug binding as a mechanism of Vinca alkaloid resistance in human leukemic lymphoblasts.

The acute toxicity of perfluorooctanoic and perfluorodecanoic acids in male rats and effects on tissue fatty acids.

Localization of lipid-protein and protein-protein interactions within the murine retrovirus gag precursor by a novel peptide-mapping technique.

Role of endorphins in endotoxin-induced hyperglycaemia in mice.

[Relaxation of DNA-protein interactions in mouse lymphoblastic leukemic cells exposed to antineoplastic agents].

Purification and comparison of outer membrane protein P2 from *Haemophilus influenzae* type b isolates.

[Clinical and bacteriological evaluation of the preparation Dexafen for sterilizing root canals in the treatment of simple and complicated pulp gangrene].

Biochemical and biosynthetic studies of a crystallizable human gamma 1 heavy-chain disease protein.

Membrane dynamics in human leukemia and lymphoma cells. pH dependency of diphenylhexatriene fluorescence polarization.

Modification of morphine antinociceptive response by blood glucose status: possible involvement of cellular energetics.

Lipid peroxidation and haemoglobin degradation in red blood cells exposed to t-butyl hydroperoxide. The relative roles of haem- and glutathione-dependent decomposition of t-butyl hydroperoxide and membrane lipid hydroperoxides in lipid peroxidation and haemolysis.

Hypothyroxinemia and hypothermia in rats in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin administration.

Specific gene mutations in L5178Y cells in culture.

[Paroxysmal hemoglobinuria induced by cold].

Mushroom poisoning caused by species of the genus *Cortinarius* Fries.

Differential proteolysis and evidence for a residue exchange in tissue plasminogen activator suggest possible association between two types of protein microheterogeneity.

Molecular basis of hypoxanthine-guanine phosphoribosyltransferase deficiency in a patient with the Lesch-Nyhan syndrome.

Iron deficiency and sickle cell anemia.

Receptor-mediated endocytosis of transferrin in K562 cells.

Quantitation of type I to type III collagen ratios in small samples of human tendon, blood vessels, and atherosclerotic plaque.

Investigation of the haemolytic activity of *Proteus mirabilis* strains.

Comparative evaluation of fifteen anti-sickling agents.

Suppression of unprimed T and B cells in antibody responses by irradiation-resistant and plastic-adherent suppressor cells in *Toxoplasma gondii*-infected mice.

The effect of acute inflammation on iron metabolism in rats.

Bioavailability to anemic rats of iron from fresh, cooked or nitrosylated hemoglobin and myoglobin.

[Role of iron in infant nutrition. 2nd part].

[The significance of serum ferritin determination for the evaluation of preventive iron treatment of anemia in premature infants].

Procaine hydrolysis defect in uraemia does not appear to be due to carbamylation of plasma esterases.

Ethoxyformylation and guanidination of snake venom phospholipases A₂: effects on enzymatic activity, lethality and some pharmacological properties.

Dimethyl disulphide in the blood of cattle fed on brassicas.

A comparative cytogenetic study on cases of induced abortions in TCDD-exposed and nonexposed women.

Adaptation of the ektacytometer to automated continuous pO₂ changes: determination of erythrocyte deformability in sickling disorders.

Bioavailability of egg yolk iron measured by hemoglobin regeneration in anemic rats.

Decline of blood and alveolar toluene concentration following two accidental human poisonings.

Localization of intrarenal cross-linked fibrin in children with various renal diseases.

Impairment of blastogenic response of splenic lymphocytes from iron-deficient mice: in vivo repletion.

Purification and properties of human erythrocyte uroporphyrinogen decarboxylase: immunological demonstration of the enzyme defect in porphyria cutanea tarda.

Bioavailability of iron from wheat bran in pigs.

[Pharmacological and clinico-pharmacological studies of a combination preparation for calves having antianemia and general tonic action].

Structure of human erythrocyte spectrin. II. The sequence of the alpha-I domain.

Structure of human erythrocyte spectrin. I. Isolation of the alpha-I domain and its cyanogen bromide peptides.

The T8 antigen is a multimeric complex of two distinct subunits on human thymocytes but consists of homomultimeric forms on peripheral blood T lymphocytes.

Mechanical effects of right atrial pressure on heart rate in the conscious rabbit.

Identification and characterization of a plasma membrane phosphoprotein which is present in Chinese hamster lung cells resistant to adriamycin.

A monoclonal antibody with ability to distinguish between NH₂-terminal fragments derived from fibrinogen and fibrin.

Periportal localization of lorazepam glucuronidation in the isolated perfused rat liver.

Transport and processing of staphylococcal alpha-toxin.

Effects of propylthiouracil on urinary metabolites of cyclophosphamide in rats.

Hydrogen peroxide and hydroxyl radical mediation of activated leukocyte depression of cardiac sarcoplasmic reticulum. Participation of the cyclooxygenase pathway.

Identification of a site in fibrin(ogen) which is involved in the acceleration of plasminogen activation by tissue-type plasminogen activator.

Inhalation of products of combustion.

Susceptibility of 40 *Haemophilus ducreyi* strains to 34 antimicrobial products.

Elimination of artifactual acetaldehyde in the measurement of human blood acetaldehyde by the use of polyethylene glycol and sodium azide: normal blood acetaldehyde levels in the dog and human after ethanol.

Differences in effects of fibrin(ogen) fragments on the activation of 1-glu-plasminogen and 442-val-plasminogen by tissue-type plasminogen activator.

Blood-bound carbon disulfide: an indicator of carbon disulfide exposure, and its accumulation in repeatedly exposed rats.

Heterogeneity in the collagens extracted from human embryonic calvaria.

ESR investigations on the modification of the ascorbic acid-erythrocyte interaction by ferrous ions.

Artifacts in the definition of toxicity by cyanides and cyanogens.

Platelet aggregation induced in the hamster cheek pouch by a photochemical process with excited fluorescein isothiocyanate-dextran.

Monoclonal antibodies to alpha-chain regions of human fibrinogen that participate in polymer formation.

Monoclonal antibody to the region of fibronectin involved in cross-linking to human fibrin.

Isolation from trout liver of a methionine-containing H1 subfraction, THImet.

Chronobiologic fluctuation of cyclophosphamide induced urinary bladder damage in mice.

The metabolism of arsenite and arsenate by the rat.

Death and injury caused by methyl bromide, an insecticide fumigant.

Significance of energy metabolism pathways for stimulation of DNA synthesis by cell migration and serum.

Improved method to measure erythrocyte filtration times increased extremely by chlorate.

Evidence for the localization of a calcium-binding site in the amino-terminal disulphide knot of fibrin (ogen).

Absorption of aerosolized drugs from the rat lung.

Iron Deficiency in Adolescent Cross-Country Runners.

Ram rete testis fluid contains a protein (clusterin) which influences cell-cell interactions in vitro.

Structure of glycosylated and unglycosylated gag and gag-pol precursor proteins of Moloney murine leukemia virus.

Mechanism by which metabolic inhibitors depolarize cultured cardiac cells.

The chimpanzee M blood-group antigen is a variant of the human M-N glycoproteins.

[Effect of inhibitors of energy metabolism and protein synthesis on the process of neutral red segregation in frog erythrocytes].

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) effects on hepatic microsomal steroid metabolism and serum estradiol of pregnant rats.

Regulation of coronary blood flow: effects of 2,4-dinitrophenol and theophylline.

Plasminogen activation by tissue activator is accelerated in the presence of fibrin(ogen) cyanogen bromide fragment FCB-2.

Localization of the disulfide bond in human antithrombin III required for heparin-accelerated thrombin inactivation.

Development of a blood-free *Campylobacter* medium: screening tests on basal media and supplements, and the ability of selected supplements to facilitate aerotolerance.

Hexose transport in microvascular endothelial cells cultured from bovine retina.

Inhibition of testosterone biosynthesis by ethanol. Relation to hepatic and testicular acetaldehyde, ketone bodies and cytosolic redox state in rats.

Recognition site for the platelet receptor is present on the 15-residue carboxy-terminal fragment of the gamma chain of human fibrinogen and is not involved in the fibrin polymerization reaction.

Distribution and metabolism of the teratogen nitrofen (2,4-dichloro-4'-nitro diphenyl ether) in pregnant rats.

Isophosphoramidate mustard, a metabolite of ifosfamide with activity against murine tumours comparable to cyclophosphamide.

Development of the granule population in neutrophil granulocytes from human bone marrow.

Multiple molecular forms of acid-stable plasmin inhibitor derived from human urinary trypsin inhibitor.

A new metabolically trapped agent by brain monoamine oxidase: N-methyl labeled (¹⁴C) N-methylphenylethylamine (¹⁴C-MPEA).

A chemical and enzymological comparison of the common major human erythrocyte carbonic anhydrase II, its minor component, and a new genetic variant, CA II Melbourne (237 Pro leads to His).

[Cu and Fe content and ceruloplasmin and catalase activities in the blood of growing rats receiving different amounts of Fe and Cu].

Effect of lidocaine on hepatic prostanoid production in vitro following 2,4-dinitrophenol administration.

Haemoglobin oxidation and free radical production in the red cell.

The complete amino acid sequence of human erythrocyte diphosphoglycerate mutase.

Enzymatic toxicogenation of "activated" cyclophosphamide by 3'-5' exonucleases.

[Electron microscopic study of the depolymerization process on unstabilized fibrin as affected by urea or monochloroacetic acid].

[Migration and adhesiveness of human and rabbit blood leukocytes under the influence of metabolic blocking agents and hirudin].

Uptake and dissimilation of glycerol by wild type and glycerol nonutilizing strains of *Neurospora crassa*.

Production of H₂O₂ by bovine blood and milk polymorphonuclear leucocytes.

Characterization of pulmonary cellular influx differentials to known toxic agents between species.

[Paraquat poisoning. Prognostic and therapeutic evaluation in 28 cases].

The pathophysiology of paraquat nephrotoxicity in the sheep.

Measurement of 2,4-dichlorophenoxyacetic acid (2,4-D) after occupational exposure.

[Experimental chronic paraquat poisoning. Functional and histopathological pulmonary changes].

Successful treatment of paraquat poisoning: activated charcoal per os and "continuous hemoperfusion".

[Enzyme activity of the blood and tissues of individual organs in long-term exposure to diquat].

Accumulation of radionuclide-labeled platelets and fibrinogen in paraquat-damaged rat lungs.

Methaemoglobinaemia due to monolinuron-not paraquat.

Paraquat ingestion with methaemoglobinaemia treated with methylene blue.

[Measurement of V/Q distribution by inert gas elimination method].

[Severe diquat poisoning].

Blood-brain barrier damage by 2-methyl-4-chlorophenoxyacetic acid herbicide in rats.

Paraquat poisoning--a review of four cases.

Congenital defects and miscarriages among New Zealand 2, 4, 5-T sprayers.

Analysis of neutral steroid sulfates by glass capillary gas chromatography-mass spectrometry (GC-MS) from blood of a patient with paraquat poisoning.

Accumulation of radionuclide-labeled platelets and fibrinogen in paraquat-damaged rat lungs.

Pathophysiological effects of paraquat intoxication in domestic ruminants: low dose studies.

Immunotoxicity of technical pentachlorophenol (PCP-T): depressed humoral immune responses to T-dependent and T-independent antigen stimulation in PCP-T exposed mice.

Efficacy of charcoal hemoperfusion in paraquat poisoning.

Increase in the penetration of tracer compounds into the rat brain during 2-methyl-4-chlorophenoxyacetic acid (MCPA) intoxication.

Potential mutagenic evaluation of the bentazone.

Neurotoxicological investigation of the new Hungarian pesticide Toxurazine.

Polyacrolein microspheres as a new tool in cell biology.

Dose-effect relationship between ethyl alcohol pretreatment and retention and tissue distribution of mercury vapor in rats.

Interaction of cyclophosphamide metabolites with membrane proteins: an in vitro study with rabbit liver microsomes and human red blood cells. Effect of thiols.

Acrolein: a potent modulator of lung macrophage arachidonic acid metabolism.

Calcium-dependent increase in the potassium permeability of human red blood cells by pentachlorophenol and 2,4,6-trinitrophenol.

Pharmacokinetics of [14C]-paraquat and associated biochemical and pathologic changes in Beagle dogs following intravenous administration.

Increase in hepatic mixed disulphide and glutathione disulphide levels elicited by paraquat.

Possible cardiovascular hazards of the alcohol-calcium carbimide interaction.

A new immunoabsorbent for hemoperfusion: agarose-polyacrolein microspheres beads. I. In vitro studies.

Antimutators of mitochondrial and nuclear DNA in *Saccharomyces cerevisiae*. Relationship with gamma-ray sensitivity.

Effect of albumin, low temperature and metabolic inhibitors on transport of fatty acids into cultured human leukemic myeloid cells.

[Middle cerebral artery occlusion with Moyamoya phenomenon.--2nd report: report of an autopsy case].

Mutagenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin and perfluoro-n-decanoic acid in L5178Y mouse-lymphoma cells.

Spontaneous oxygen radical generation by sickle erythrocytes.

Bacteria and zymosan opsonized with histone, dextran sulfate, and polyanetholesulfonate trigger intense chemiluminescence in human blood leukocytes and platelets and in mouse macrophages: modulation by metabolic inhibitors in relation to leukocyte-bacteria interactions in inflammatory sites.

[A new test for hemolysis related to tocopherol deficiency: hemolysis caused by sodium azide (NaN₃). Results in cholestasis in children].

Pathogenesis of hyperlipidemia induced in rabbits by methyl iodide.

A stable propidium iodide staining procedure for flow cytometry.

Toxic effect of human polymorphonuclear leukocytes on *Chlamydia trachomatis*.

Synthesis of some potential antihypertensive phthalaziny- and quinoxalinyguanidines.

[Prevention of iron-deficiency anemia in infants in Family Health Centers].

Effect of iron-fortified bread roll on hematological indices and clinical symptoms in menstruating women.

Comparison of the structure and aspects of the proteinase-binding properties of cystic fibrotic alpha-macroglobulin with normal alpha 2-macroglobulin.

Effect of cholinergic drugs on acute and chronic morphine dependence.

Leukemia and farm practices in Iowa.

Anemias in the elderly: physiologic or pathologic?

Uptake, efflux, and hydrolysis of aclacinomycin A in Friend leukemia cells.

Severe peripheral neuropathy after exposure to monosodium methyl arsonate.

[Physicochemical and immunochemical properties of heavy chains of immunoglobulin G typical of malignant growth].

[Evaluation of iron therapy in patients in long-term haemodialysis (author's transl)].

Anemia of pregnancy in Liberia, West Africa: a therapeutic trial.

A new combined assay of phagocytosis and intracellular killing of *Escherichia coli* by polymorphonuclear leukocytes.

[Determination of bromine contents in the blood and hair of workers exposed to methyl bromide by radioactivation analysis method].

Collagen polymorphism in the normal and diseased blood vessel wall. Investigation of collagens types I, III and V.

Studies on the control of iron uptake by rabbit small intestine.

Comparative uptake of adriamycin and daunorubicin in sensitive and resistant friend leukemia cells measured by flow cytometry.

Reversible pure red cell hypoplasia in pregnancy.

The influence of antigen density and a comparison of IgG and IgM antibodies in the anti-complementary modulation of lymphocytic surface immunoglobulin.

Synthesis of pseudo cofactor analogues as potential inhibitors of the folate enzymes.

Effect of cell shape on extravascular hemolysis.

Treatment and prophylaxis of anaemia of pregnancy with 'Fefol Spansule'.

Monoclonal antibody to transferrin receptor blocks transferrin binding and inhibits human tumor cell growth in vitro.

Nutritional iron and dopamine binding sites in the rat brain.

[Values of various blood components in guinea pigs after acute 2,3,7,8-tetrachlorodibenzo-P-dioxin (TCDD) poisoning].

Serum ferritin in haemodialysis.

Cancer risks associated with agriculture: epidemiologic evidence.

A comparison of two combined iron-folic acid preparations in the prevention of anaemia in pregnancy.

Quantitation of red cell deformability during progressive deoxygenation and oxygenation in sickling disorders (the use of an automated Ektacytometer).

Effects of carbamylation of plasma proteins and competitive displacers on drug binding in uremia.

The binding of antibodies from *Plasmodium berghei*-infected rats to isoantigenic and parasite-specific antigenic sites on the surfaces of infected reticulocytes.

Clinical and laboratory findings in Metation EK-50.

Experimental and clinical results in shock lung treatment with vitamin E.

A simple, sensitive spectrophotometric assay for extrinsic (tissue-type) plasminogen activator applicable to measurements in plasma.

Purification, properties, partial sequence and evolutionary relationships of marsupial erythrocyte carbonic anhydrase.

[Ability to redistribute surface receptors in transplantable cell lines].

Subchronic toxicity of chlorine dioxide and related compounds in drinking water in the nonhuman primate.

Abnormal responses of glucose, insulin and glucagon in blood to I.V. glucose load in methyl iodide-treated rabbits.

Purification of a Gal beta 1 to 4GlcNAc alpha 2 to 6 sialyltransferase and a Gal beta 1 to 3(4)GlcNAc alpha 2 to 3 sialyltransferase to homogeneity from rat liver.

Purification, characterization and regulation of five rat hepatic microsomal cytochrome P-450 isozymes.

Volatile alkanes produced by erythrocytes: an assay for in vitro studies on lipid peroxidation.

Generation and release of DNA-binding vesicles by *Haemophilus influenzae* during induction and loss of competence.

Synthesis and effect of asymmetric 1,4-bis(aminoacyl) piperazines on neuromuscular transmission.

Renal transport of 2'-deoxytubercidin in mice.

Direct measurement of histone peptide elongation rate in cleaving sea urchin embryos.

False-positive stool occult blood tests caused by iron preparations. A controlled study and review of literature.

Comparative evaluation of contraction and relaxation of isolated heart muscle with decreased calcium concentration in the perfusate, acidosis, and metabolic blockade.

Effects of dopamine-beta-hydroxylase inhibitors FLA-57 and FLA-63 on ethanol metabolism and aldehyde dehydrogenase activity in rats.

Effects of ATP and cell development on the metabolism of high molecular weight aggregates of abnormal proteins in rabbit reticulocytes and cell-free extracts.

2-14C-1-Allyl-3,5-diethyl-6-chlorouracil I: Synthesis, absorption in human skin, excretion, distribution, and metabolism in rats and rabbits.

Synaptosomal calcium uptake systems: prostaglandins are probably not involved in the regulation of calcium fluxes into and within the nerve endings.

[Peculiarities of specific binding of serotonin by blood leukocytes, peritoneal cells and synaptosomes of mice].

Localization of a site interacting with human platelet receptor on carboxy-terminal segment of human fibrinogen gamma chain.

The protein composition of the fibrinoid material at the human uteroplacental interface.

Biosynthesis of dog fibrinogen. Characterization of nascent fibrinogen in the rough endoplasmic reticulum.

Multiple forms of phenolsulphotransferase in human tissues: selective inhibition by dichloronitrophenol.

Active calcium transport and calcium-dependent membrane phosphorylation in human peripheral blood lymphocytes.

Only the chemotactic subpopulation of human blood monocytes expresses receptors for the chemotactic peptide N-formylmethionyl-leucyl-phenylalanine.

The complete amino-acid sequence of histone H2B from erythrocytes of the adult domestic fowl *Gallus domesticus*.

An oligomycin-resistant Mg²⁺-dependent ATPase in rabbit bone marrow mitochondria.

Formation of a polymethylene bis(disulfide) intersubunit cross-link between cysteine-281 residues in rabbit muscle glyceraldehyde-3-phosphate dehydrogenase using octamethylene bis(methane[³⁵S]thiosulfonate).

Suppression of natural killing in vitro by monocytes and polymorphonuclear leukocytes: requirement for reactive metabolites of oxygen.

Inhibition of E-rosette formation and phagocytosis by human blood leukocytes after treatment with the dengue virus-induced cytotoxic factor.

Flow cytometry of mouse bone marrow cells cultured in vivo or in vitro.

Complete amino acid sequence of the group-specific antigen gene-encoded phosphorylated proteins of mouse leukemia viruses.

Isolation and amino acid sequence of a monomeric hemoglobin in heart muscle of the bullfrog, *Rana catesbeiana*.

Studies on the Production of Digitalis Cardenolides by Plant Tissue Culture: II. EFFECT OF LIGHT AND PLANT GROWTH SUBSTANCES ON DIGITOXIN FORMATION BY UNDIFFERENTIATED CELLS AND SHOOT-FORMING CULTURES OF DIGITALIS PURPUREA L. GROWN IN LIQUID MEDIA.

Role of the reticulum in the stability and shape of the isolated human erythrocyte membrane.

Relation between intestinal blood flow and oxygen uptake.

Active transport of nicotine by the isolated choroid plexus in vitro.

Assessment of myelotoxicity caused by environmental chemicals.

Effect of p-p'-DDE administered in vivo and in vitro on Ca²⁺ binding and Ca²⁺-Mg²⁺-ATPase activity in egg shell gland mucose of ducks.

Mitochondrial bioenergetics during the initiation of mercuric chloride-induced renal injury. II. Functional alterations of renal cortical mitochondria isolated after mercuric chloride treatment.

Mitochondrial bioenergetics during the initiation of mercuric chloride-induced renal injury. I. Direct effects of in vitro mercuric chloride on renal mitochondrial function.

Role of the bilayer in the shape of the isolated erythrocyte membrane.

Biomonitoring of occupational toluene exposure.

Embryotoxicity of 3,3',4,4'-tetrachloroazobenzene and 3,3',4,4'-tetrachloroazoxybenzene in the chick embryo.

Primary structure of horse erythrocyte glycoporphin HA. Its amino acid sequence has a unique homology with those of human and porcine erythrocyte glycoporphins.

[The use of AET-pretreated sheep red blood cells in the detection of lymphocytes with limited affinity for E receptors].

Aplastic anemia due to pentachlorophenol.

[The influence of several membrane stabilizing drugs on the induced hereditary myotonia--a methodic way to test the effectiveness of drugs on myotonia (author's transl)].

[Experimental models of lung diseases pulmonary fibrosis (idiopathic interstitial pneumonia) (author's transl)].

Male fertility, sister chromatid exchange, and germ cell toxicity following exposure to mixtures of chlorinated phenoxy acids containing 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Subchronic administration of technical pentachlorophenol to lactating dairy cattle: immunotoxicologic evaluation.

Diquat intoxication: report of two cases and review of the literature.

Investigations into the mechanism of paraquat toxicity utilizing a cell culture system.

Effect of 2,4,5-trichlorophenoxyacetate on renal function.

Cardiovascular changes during the calcium carbimide-ethanol interaction.

[Chemical structure and toxicodynamic properties of phenoxy-carboxylic acid derivatives. III. The course of absorption into the blood and the measurement of the urinary excretion of phenoxyacetic and phenoxypropionic acid derivatives].

Repeated exposure to alpha-ethylacrolein vapour: subacute toxicity study in rats.

[Embryotropic action of the triazine herbicide polyzin 50].

[Investigations on neurotoxicity of chemical substances at the workplace. II. Determination of the motor and sensory nerve conduction velocity in persons occupationally exposed to pentachlorophenol (author's transl)].

[Field study of workers with longterm exposure to calcium cyanamide (author's transl)].

The heart and diaphragm: target organs in the neonatal death induced by nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether).

Effects of phenolic compounds on in vivo blood parameters of a fish *Notopterus notopterus*.

Serum protein and glycoprotein changes in chronic paraquat intoxication.

The disulfiram and calcium carbimide acetaldehyde-mediated ethanol reactions.

[Experimental studies for the hygienic standardization of Lasso in water].

A rapid method for the emergency analysis of paraquat in plasma using a second derivative spectroscopy.

Hemoperfusion in toxicology. Basic considerations of its effectiveness.

Characterization of the inhibitory effects of the phytotoxic agent propachlor (alpha-chloro-N-isopropyl-acetanilide), on L1210 cell proliferation.

Effect of inhibitors of plant cell division on mammalian tumor cells in vitro.

Atmospheric pressure ionization mass spectrometry: the routine determination of 2,4,5-trichlorophenoxyacetic acid and its metabolites.

Oxidant injury of lung parenchymal cells.

Paraquat and NADPH-dependent lipid peroxidation in lung microsomes.

Modification by simetryn sulphoxide of a specific thiol group in rat haemoglobin.

The calcium carbimide-ethanol interaction: lack of relation between electroencephalographic response and cerebrospinal fluid acetaldehyde.

Pharmacokinetics of 2,4,5-T PGBE ester applied dermally to rats.

Effect of hydroxychlorodiphenyl ethers (chlorinated pre-and isopredioxins) on erythrocyte membrane adenosinetriphosphatase activity.

Tissue retention of arsenic in rats fed with founder or cacodylic acid.

Methanol poisoning and formate oxidation in nitrous oxide-treated rats.

Ethanol metabolism in guinea pig: in vivo ethanol elimination, alcohol dehydrogenase distribution, and subcellular localization of acetaldehyde dehydrogenase in liver.

[Pentachlorophenol concentrations in tissues and body fluids of normal persons (author's transl)].

Acute toxicity testing of some herbicides-, alkaloids-, and antibiotics-metabolizing soil bacteria in the rat.

Acetaldehyde concentration in rat blood and brain during the calcium carbimide--ethanol interaction.

Platelet interactions with *Candida albicans*.

Therapeutic drug assays with gas-liquid chromatography and optical detection.

Cardiovascular teratogenicity of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in the chick embryo.

Severe chlorate poisoning: report of a case.

Quantitation of differences between spontaneous and induced liver tumors in mice with an automated image analyzer.

Biological evaluation of hemoperfusion in acute poisoning.

Effects of iron and ascorbic acid supplementation on hemoglobin level and work efficiency of anemic women.

Influence of inducers of monooxygenases on cytotoxic efficiency of ellipticine on leukemia L1210 cells.

Nonspecific suppression of primary antibody responses and presence of plastic-adherent suppressor cells in *Toxoplasma gondii*-infected mice.

The killing of newborn larvae of *Trichinella spiralis* by eosinophil peroxidase in vitro.

Disulphide exchange reactions in the control of enzymic activity. Evidence for the participation of dimethyl disulphide in exchanges.

Folate analogues altered in the C9-N10 bridge region. 18. Synthesis and antitumor evaluation of 11-oxahomoaminopterin and related compounds.

Whole blood luminol-dependent chemiluminescence.

[Phenoxyacetic acid, chlorphenols and cancer].

Mechanism of natural resistance to vincristine in rat ascites hepatoma AH66.

Identification of abnormally [³²P]-phosphorylated cyanogen bromide cleavage product of erythrocyte membrane spectrin in Duchenne muscular dystrophy.

Detection of experimentally produced acute pulmonary arterial occlusion by methyl iodide-131 inhalation imaging.

[Human embryonic haemoglobins. The primary structure of the zeta chains (author's transl)].

Acute and subchronic toxicity studies of rats exposed to vapors of methyl mercaptan and other reduced-sulfur compounds.

Basal processes on duodenal epithelial cells of man, mouse and rat.

Anemia of pregnancy: evaluation of the effectiveness of routine dietary supplementation program in an Israeli community.

Inhibition of Ca^{2+} of oxidative phosphorylation in myeloid tumor mitochondria.

Iron deficiency: diagnosis and treatment.

Experimental siderosis of articular chondrocytes cultured in vitro.

Production and characterization of a monoclonal antibody against the seed lectin of the *Dolichos biflorus* plant.

Iron deficiency in one-year-old infants: comparison of results of a therapeutic trial in infants with anemia or low-normal hemoglobin values.

Iron availability and absorption in rats fed sodium phytate.

Adenylate cyclase and guanylate cyclase activity in normal and leukemic human lymphocytes.

Effect of staphylococcal iron content on the killing of *Staphylococcus aureus* by polymorphonuclear leukocytes.

Enhancement of antitumor activity of glutamine antagonists 6-diazo-5-oxo-L-norleucine and acivicin in cell culture by glutaminase-asparaginase.

Comparison of the metabolic and antihypertensive properties of tienilic acid and hydrochlorothiazide.

Inhibitors of oxidative ATP production cause transient vasoconstriction and block subsequent pressor responses in rat lungs.

[The presence of an albino ERG in the pigmented rat: genetic implications (author's transl)].

Production of Heinz body anaemia in the domestic fowl after ingestion of dimethyl disulphide: a haematological and ultrastructural study.

[Mutagenic activity of the anthelmintic preparation trichlorophene].

A gas chromatographic-mass spectrometric analysis for phenols in uremic serum.

Lymphocytotoxins in infectious mononucleosis: a non-cytotoxic effect on lymphocytes at 37 degrees C and the influence of cell metabolism on their cytotoxicity in vitro.

Evidence for a plasma membrane redox system on intact ascites tumor cells with different metastatic capacity.

Vitamin B12-dependent methyltetrahydrofolate: homocysteine methyltransferase activity in normal and leukemic human hematopoietic cells.

Iron supplementation studies. Experimental design and interpretation of results.

Baseline and sodium arsenite-induced sister chromatid exchanges in cultured lymphocytes from patients with Blackfoot disease and healthy persons.

[Activated chemoluminescence of the plasma in purulent infections].

Effect of pH on fluorescence polarization of DMSO induced Friend leukemic cells.

Ferrous sulfate liquid for the treatment of iron deficiency anemia.

Biotransformation and porphyrinogenic action of hexachlorobenzene and its metabolites in a primary liver cell culture.

Novel studies on a "silent" high affinity mutant hemoglobin (San Diego, beta 109 Val replaced by Met).

Antigenic modulation of lymphocytic surface immunoglobulin yielding resistance to complement-mediated lysis. II. Relationship to redistribution of the antigen.

[Iron reserves in the pregnant woman and the newborn infant: effects of an iron supplement].

Monocyte-mediated serum-independent damage to hyphal and pseudohyphal forms of *Candida albicans* in vitro.

[Method for increasing the intensity of free radical oxidation of lipid-containing components of the blood and its diagnostic significance].

Control of the erythrocyte membrane shape: recovery from the effect of crenating agents.

Aggregation of polymorphonuclear leucocytes (PMNs) by leukotriene B₄: effects of cyclooxygenase products and metabolic inhibitors.

Amino acid sequence of copper-zinc superoxide dismutase from horse liver.

The aldolase-binding site of the human erythrocyte membrane is at the NH₂ terminus of band 3.

Estimation of genetic risks of alkylating agents. VI. Exposure of mice and bacteria to methyl bromide.

¹¹C-Iodoantipyrine for the measurement of regional cerebral blood flow by positron emission tomography. Validation studies.

Hydrogen peroxide metabolism in human monocytes during differentiation in vitro.

Carboxy-terminal amino acid sequence of a human fibrinogen gamma-chain variant (gamma¹).

Arachidonic acid-induced chemiluminescence of human platelets: contribution of the prostaglandin and lipoxygenase pathways.

Influence of human beta-thromboglobulin on prostaglandin production by pig aortic endothelial cells in culture.

Receptor-mediated gonadotropin action in the ovary. Demonstration of acute dependence of rat luteal cells on exogenously supplied steroid precursor (sterols) for gonadotropin-induced steroidogenesis.

Somatic embryogenesis and plant regeneration from leaf tissues and anthers of *Pennisetum purpureum* Schum.

Alpha-fetoprotein on human peripheral blood lymphocytes does not block complement-dependent lymphocytotoxicity.

Complete primary structure of human C4a anaphylatoxin.

Immunochemical mapping of the conformation of human fibrinogen. The gamma 95-264 segment is inaccessible to antibody in native fibrinogen but progressively exposed by plasminic cleavage.

In vivo phytochrome difference spectrum from dark grown gametophytes of *Anemia phyllitidis* L. Sw. Treated with norflurazon.

Locus of N-ethylmaleimide action on sugar transport in nucleated erythrocytes.

Concanavalin A-induced receptor redistribution on *Biomphalaria glabrata* hemocytes: characterization of capping and patching responses.

Detection and characterization of monoclonal antibodies to platelet membrane proteins.

Development of an immunoassay for the COOH-terminal region of the gamma chains of human fibrin.

Alpha-chain domain of fibrinogen controls generation of fibrinolytic activity (coagulation factor XIIIa). Calcium ion regulatory aspects.

Chemical and carbon-13 nuclear magnetic resonance studies of the blood group M and N active sialoglycopeptides from human glycoprotein A.

Effects of brief and intermediate exposures to sulfate submicron aerosols and sulfate injections and cardiopulmonary function of dogs and tracheal mucous velocity of sheep.

Enzyme histochemistry and immunohistochemistry on biopsy specimens of pathologic human bone marrow.

[Hemoglobins XL: Sequence analysis of the monomeric hemoglobin CTT IV (erythrocrucorin) of *Chironomus thummi thummi*, Diptera (author's transl)].

Determination of 2,3,7,8-tetrachlorodibenzo-p-dioxin in goat milk and tissues by glass capillary gas chromatography and medium resolution mass fragmentography.

Affinity chromatography of *Streptomyces erythreus* trypsin-like enzyme on Japanese quail ovomucoid.

[Hemoglobins, XXXIX. Amino acid sequence of a dimeric hemoglobin (erythrocrucorin) from *Chironomus thummi thummi*: component CTT VIII].

Interaction of haemocin with *Escherichia coli*.

The primary structure of crotalase, a thrombin-like venom enzyme, exhibits closer homology to kallikrein than to other serine proteases.

Hemoglobins, XXXVIII. Amino acid sequence of a dimeric hemoglobin (erythrocrucorin), component VI from *Chironomus thummi thummi* (CTT VI).

Uptake of anticoagulants by isolated rat hepatocytes.

Platelet adherence to collagen: role of plasma, ADP, and divalent cations.

Membrane deformability of metabolically depleted human red cells.

An immunization method using antigen entrapped in erythrocyte ghosts.

Biotransformation and intracellular binding of arsenic in tissues of rabbits after intraperitoneal administration of ⁷⁴As labelled arsenite.

[Hemoglobins, XXXVII. The primary structure of a monomeric insect hemoglobin (Erythrocrucorin), component CTT IIIa of *Chironomus thummi thummi*. An anomalous Heme complex: E7 Gln, E11 Ile].

[Hemoglobins, XXXVI: The primary structure of a dimeric insect hemoglobin (Erythrocrucorin), component IX from *Chironomus thummi thummi*. Studies on the quaternary structure of the dimeric CTT-hemoglobins (author's transl)].

Protease-insensitive sea urchin embryo cell adhesions become protease sensitive in the presence of azide or cytochalasin B.

[The adhesion of blood platelets to collagen: molecular features of collagen (author's transl)].

Shadow-cast electron microscopy of fibrinogen with antibody fragments bound to specific regions.

Loss of haem and haemoproteins during the generation of superoxide anion and hydrogen peroxide: a pathway not involving production of carbon monoxide.

An economical hemoperfusion system to determine in vitro clearances of various poisons with different adsorbents.

Mutagenic and embryotoxic effects of paraquat and diquat.

[Ultrastructural studies and neutrophil myeloperoxidase determination in rats with acute 2,4-dichlorophenoxyacetic acid poisoning].

[The treatment of 10 cases of paraquat poisoning using charcoal haemoperfusion (author's transl)].

Mechanism of methyl viologen induced hemolysis.

Liver necrosis and lipid peroxidation in the rat as the result of paraquat and diquat administration. Effect of selenium deficiency.

[Paraquat poisoning; clinical toxicological aspects and a case description].

The chronic toxicity of technical and analytical pentachlorophenol in cattle. I. Clinicopathology.

Cerebral damage in paraquat poisoning.

The changing pattern of paraquat poisoning in man.

Action of intensive cigarette smoke inhalations on the rat lung. Role of particulate and gaseous cofactors.

PCP dioxins found to pose health risks.

[Comparative study of the intermittent and continuous action of the herbicide, Ramrod].

[Assessment of the chronic toxic action of the herbicide, balagrin, in continuous and intermittent exposure regimens].

A comparison of the effects of paraquat and diquat on lung compliance, lung volumes and single breath diffusing capacity in the rat.

Acute leukaemia after exposure to a weed killer, 2-methyl-4-chlorophenoxyacetic acid.

Human health effects of selected pesticides, chloroaniline derivatives.

Intraindividual variability in the calcium carbimide-ethanol interaction.

Calcium carbimide--ethanol interaction.

Exposure of pesticide applicators to arsenic acid.

Does acrolein contribute to the cytotoxicity of cyclophosphamide?

[The effect of the herbicide Dinoseb-acetate (Aretit) on transaminase (GOT, GPT) activity in the blood serum and muscles of the Japanese quail (*Coturnix coturnix japonica*)].

Ethanol oxidation by rat brain in vivo.

Intracellular population genetics: evidence for random drift of mitochondrial allele frequencies in *Saccharomyces cerevisiae* and *Schizosaccharomyces pombe*.

Determination of pentachlorophenol in milk and blood of dairy cattle.

Hydrogen peroxide production by rat brain in vivo.

Breath and blood acetaldehyde concentrations and their correlation during normal and calcium carbimide-modified ethanol oxidation in man.

The metabolic fate of a herbicidal methylmercapto-s-triazine (cyanatryn) in the rat.

[Myotonic effects of 2,4-Dichlorophenoxyacetate (2,4-D) on the isolated frog skeletal muscle (author's transl)].

Interaction of calcium and lead in human erythrocytes.

[Determination of free pentachlorophenol in air and in blood by efficient chromatographic procedures (author's transl)].

Mechanism of the linkage between the electrophoretic mobility and oxygen uptake of ascites tumor cells.

[Iron substitution in blood donors. Two different iron preparations from the galenic viewpoint].

Histopathologic differences between liver tumors in untreated (C57BL/6 X C3H)F1 (B6C3F1) mice and Nitrofen-fed mice.

The influence of hypoxia and metabolic inhibitors on the excitation process in atrioventricular node.

Histone 2B can be modified by the attachment of ubiquitin.

Hemodialysis clearance of arsenic.

Effects of combined glutamine and serum deprivation on glucose control of hexose transport in mammalian fibroblast cultures.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the golden Syrian hamster.

The effects of acute and subacute sodium arsenite administration on carbohydrate metabolism.

Effects of level and source of dietary fat on the bioavailability of iron from turkey meat for the anemic rat.

Folate analogues altered in the C9-N10 bridge region. 16. Synthesis and antifolate activity of 11-thiohomoaminopterin.

Kale poisoning: the brassica anaemia factor.

Effect of iron therapy on serum ferritin levels in iron-deficiency anemia.

Role of oxygen-dependent mechanisms in antibody-induced lysis of tumor cells by activated macrophages.

The effect of total parenteral nutrition on the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat.

The relationship between hematocrit levels in gravidae and their newborn.

Antibodies specific for histone H2b fragments 1-58 and 63-125 in antisera to H2b and to the fragments: probes for histone evolution.

Effect of form of iron on the interaction between nickel and iron in rats: growth and blood parameters.

Plasma protein carbamylation and decreased acidic drug protein binding in uremia.

Antileukemic activity of 2-bis(2-methylthio)vinyl-1-methylquinolinium iodides.

The treatment of severe hookworm anaemia by a sustained slow-release ferrous sulphate preparation, Plexafer.

Inhibition of the alternative pathway of human complement in vitro by a natural microbial product, complestatin.

Primary structure of chicken liver dihydrofolate reductase.

The effect of methylmercury, tetraethyl lead, and sodium arsenite on the humoral immune response in mice.

Conferon treatment in risk pregnancy due to iron deficiency anaemia.

Blood clearance tests for detecting 2,3,7,8-tetrachlorodibenzo-p-dioxin hepatotoxicity in rats and rabbits.

General health effects of prolonged exposure to 3,3',4,4'-tetrachloroazobenzene and 3,3',4,4'-tetrachloroazoxybenzene in rats.

Sodium azide inhibition of complement-mediated functions.

Biological evaluation of hemoperfusion in acute poisoning.

Examination of bone marrow, immunologic parameters and host susceptibility following pre- and postnatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Interactions between essential trace and ultratrace elements.

A study of gamma-aminobutyric acid uptake in normal and Down's syndrome platelets.

Structural characterization of the phosphorylation sites of human erythrocyte spectrin.

Amino acid sequence and attachment sites of oligosaccharide units of porcine erythrocyte glycophorin.

In vitro binding of ¹⁴C-labeled acidic compounds to serum albumin and their tissue distribution in the rat.

Cytotoxicity and DNA cross-linking activity of 4-sulfidocyclophosphamides in mouse leukemia cells in vitro.

The renal cortical lymphatic system in dogs with unimpeded lymph and urine flow.

Metabolic and cytoskeletal modulation of transferrin receptor mobility in mitogen-activated human lymphocytes.

Thermal injury of *Yersinia enterocolitica*.

A minor sialoglycoprotein of the human erythrocyte membrane.

Control of hepatic arterial blood flow: independence from liver metabolic activity.

Synthesis and secretion of hemolysin by *Escherichia coli*.

Reversible and irreversible loss of Fc receptor function of human monocytes as a consequence of interaction with immunoglobulin G.

Organ culture of adult rat colonic mucosa on fibrin foam.

Noncatalytic subunits of human blood plasma coagulation factor XIII. Preparation and partial characterization of modified forms.

Localization of a cross-link donor site in the alpha-chain of human fibrin.

The primary structure of the monomeric hemoglobin (erythrocrucorin) component CTT IV of *Chironomus thummi thummi* (Insecta, Diptera).

Gas-chromatographic method for the halothane metabolites, trifluoroacetic acid and bromide, in biological fluids.

Immunosuppression in mice induced by dioxin (TCDD) in feed.

Inhibition of lymphocyte growth by spermidine in medium containing fetal bovine serum.

Phosphorus nuclear magnetic resonance of bovine platelets.

Bioassay of Phenol for Possible Carcinogenicity (CAS No.108-95-2).

Fibrin oligomers of high molecular weight soluble in MCA solutions: implications on the time course of fibrin formation.

The control of pigment migration in isolated erythrocytes of *Holocentrus ascensionis* (Osbeck). I. Energy requirements.

The generation of sulfation factor activity by proteolytic modification of growth hormone.

Differences and similarities among three acidic endopeptidases associated with human erythrocyte membranes. Molecular and functional studies.

Effect of acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on humoral antibody production in mice.

In vitro and in vivo evaluation of the movement of Kepone in the rat submaxillary gland.

Steady-state kinetic study of the bovine thrombin-fibrinogen interaction.

Characteristics of 5-hydroxytryptamine transport in pancreatic islets.

Structural homology between a mammalian H1(0) subfraction and avian erythrocyte-specific histone H5.

Determination of polyhalogenated phenotic compounds in drinking water, human blood serum and adipose tissue.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxic effects and tissue levels in animals from the contaminated area of Seveso, Italy.

Structure of the Ss blood group antigens. I. Isolation of Ss-active glycopeptides and differentiation of the antigens by modification of methionine.

[Purification of the bacterial ribosome using chloramphenicol and erythromycin columns].

The effect of acute administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on humoral antibody production and cell-mediated activities in mice.

The development of mesna for the inhibition of urotoxic side effects of cyclophosphamide, ifosfamide, and other oxazaphosphorine cytostatics.

Distribution of 2-methyl-4-chlorophenoxyacetic acid and 2,4-dichlorophenoxyacetic acid in male rats: evidence for the involvement of the central nervous system in their toxicity.

The mutagenic effect of trifluralin-containing herbicide on mouse bone marrow in vivo.

The effects of aminotriazole (ATZ) on the thyroid gland and the development of the White Leghorn chick.

Biochemical and morphological correlation of oxidant-induced pulmonary injury: low dose exposure to paraquat, oxygen, and ozone.

[Effect of the amine salt of 2,4-D on chickens].

Acute toxicity of oral diquat (1,1'-ethylene-2,2'-bipyridinium) in cynomolgus monkeys.

[Biological value of Mironovskaya-808 winter wheat grown using the herbicide simazine].

A clinical survey of paraquat formulation workers.

[Hemodialysis and hemoperfusion in the treatment of paraquat or diquat poisoning].

Acute toxicity and effects of sublethal dietary exposure of monosodium methanearsonate herbicide to *Peromyscus leucopus* (Rodentia: Cricetidae).

[Severe, acute erosive-hemorrhagic gastroduodenitis following spraying of the herbicide Banvel M].

Pulmonary effects of contact exposure to paraquat: a clinical and experimental study.

[Effects of pesticides on the hematopoietic system].

[Haemoperfusion on coated activated charcoal. Experience in French anti-poison centres based upon 60 cases (author's transl)].

Paraquat poisoning: an analytical toxicologic study of three cases.

Toxicity of 1,1'-alkyl-4,4'-bipyridylium salts in the rat.

[Clinical and experimental studies of chronic Herbazin-50 poisoning in sheep].

Paraquat-induced DNA damage in mammalian cells.

Hemolysis of human erythrocytes by paraquat in relation to superoxide dismutase activity.

[Hereditary and experimental myotonia: a comparative study (author's transl)].

Effect of paraquat on plasma enzymes, insulin, glucose, and liver glycogen in the rat.

Polychlorodibenzo-p-dioxin and pentachlorophenol residues in milk and blood of cows fed technical pentachlorophenol.

Blood pressure response to ethanol in relation to acetaldehyde levels and dopamine-beta-hydroxylase activity in rats pretreated with disulfiram, cyanamide and coprine.

The role of heme in the regulation of the late program of Friend cell erythroid differentiation.

Effect of paraquat treatment of rats on disposition of 5-hydroxytryptamine and angiotensin I by perfused lung.

Serum protein and renal tissue binding of 2,4,5-trichlorophenoxyacetic acid.

Evidence for serum binding of oxidized spermine and its potent G1-phase inhibition of cell proliferation.

[Fluorometric determination of "activated" cyclophosphamide and ifosfamide in blood (author's transl)].

The effect of paraquat and diquat on renal function in the rat.

[Mesoranil metabolism in the body of warm-blooded animals].

Metabolism and distribution of 2,4,5-trichlorophenoxyacetic acid (2,4,5-T) in pregnant mice.

[Action of herbicide "Atrazine" on thymus and bursa in chickens].

Induction in vitro of reversible immunosuppression and inhibition of B cell receptor regeneration by defined metabolites of cyclophosphamide.

Enhanced efflux of actinomycin D, vincristine, and vinblastine in adriamycin-resistant subline of P388 leukemia.

Role of peripheral tissue receptors in stimulation of ventilation by 2,4-dinitrophenol.

Cellular accumulation and disposition of aclacinomycin A.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on indocyanine green blood clearance in rhesus monkeys.

[Isotachophoretic isolation of IgD and IgE and production of monospecific antisera against them].

[Existence of several non-specific recognition systems in macrophages].

Evidence for a large internal pressure in biological membranes.

The role of superoxide anion generation in antibody-dependent polymorphonuclear leukocyte-mediated cytotoxicity.

Control of in vitro cytotoxicity of positively charged liposomes.

Insecticide/herbicide exposure, aplastic anaemia, and pseudotumor cerebri.

Expression of the major red cell sialoglycoprotein, glycophorin A, in the human leukemic cell line K562.

Cellular pharmacology of 7(R)-O-methylnogarol: a new anticancer agent.

Protection by monospecific gonococcal antisera of the chicken embryo challenged with *Neisseria gonorrhoeae*.

Acute arsine poisoning in two workers cleaning a clogged drain.

Acute pulmonary injury in rats by nitrofurantoin and modification by vitamin E, dietary fat, and oxygen.

Unique characteristics of superoxide production by human eosinophils in eosinophilic states.

Active efflux of daunorubicin and adriamycin in sensitive and resistant sublines of P388 leukemia.

Developmental toxicology of the halogenated aromatics: effects on enzyme development.

Purification and characterization of a major component from the cytoplasmic matrix of cultured murine L cells.

Toxicological studies of ammonium sulfamate in rat after repeated oral administration.

Biomolecules bearing the S- or SeAsMe₂ function: amino acid and steroid derivatives.

Enhancement of human neutrophil bactericidal activity by chemotactic factors.

Large agarose beads for extracorporeal detoxification systems. Preparation and enzymatic properties of agarose-bound UDP-glucuronyltransferase.

Capping of surface immunoglobulin on 'hairy cells' is independent of energy production.

The protective action of inosine on isolated arteries in hypoxia.

Fe(III)-EDTA complex as iron fortification. Further studies.

Functional studies of hairy cell leukemia (leukemic reticuloendotheliosis).

Specific IgE antibodies to platinum salts in sensitized workers.

Normal iron absorption and decreased red cell iron uptake in the aged.

Bromine in blood, EEG and transaminases in methyl bromide workers.

Selective and differential medium for isolation of *Clostridium difficile*.

The amino acid sequence of dihydrofolate reductase from the mouse lymphoma L1210.

Conferon treatment in anaemia of pregnancy.

Therapy of iron deficiency anemia in patients on maintenance dialysis.

Increased pressor responses to physostigmine in spontaneously hypertensive rats.

Synthesis of daunorubicin analogues with novel 9-acyl substituents.

Amino acid sequence of human fibrin. Preliminary note on the completion of the intermediate part of the alpha-chain sequence.

Amino acid sequence studies on the alpha chain of human fibrinogen. Overlapping sequences providing the complete sequence.

Amino acid sequence studies on the alpha chain of human fibrinogen. Exact location of cross-linking acceptor sites.

Amino acid sequence studies on the alpha chain of human fibrinogen. Complete sequence of the largest cyanogen bromide fragment.

[The primary structure of a dimeric hemoglobin (erythrocrucorin); component CTT VI of *Chironomus thummi thummi*, Diptera (author's transl)].

Analysis of the adhesion step in the herpes simplex virus antibody-dependent cellular cytotoxicity system.

Inhibitory effect of certain drugs on thyroid hormone binding by human liver cytosol.

The sites of the lactoperoxidase-catalyzed iodination of human fibrinogen.

Cross-linking of fibronectin to collagen by blood coagulation Factor XIIIa.

Explosive hazard of blood diluents containing sodium azide.

Multiplicity of induction patterns of rat liver microsomal mono-oxygenases and other polypeptides produced by administration of various xenobiotics.

[Lipid complexes and thioldisulfide groups in the blood during chronic inhalation dosing of dimethyldisulfide].

Clinical laboratory estimations of serum and urinary phosphate.

Primary structure of human fibrinogen and fibrin. Structural studies on NH₂-terminal part of B beta chain.

Preparation of cyanogen bromide fragments of MM, NN, and MN glycoproteins (glycophorins) from human erythrocyte membranes of single donors.

Reactive sulfhydryl groups of the band 3 polypeptide from human erythrocyte membranes. Location in the primary structure.

Immunological approaches to the structure of fibrinogen.

Metabolic activation and deactivation of mutagens and carcinogens.

Hormonal alterations in female rhesus monkeys fed a diet containing 2, 3,7,8-tetrachlorodibenzo-p-dioxin.

Myeloperoxidase-mediated platelet release reaction.

Amino acid sequence of the beta chain of human fibrinogen.

Bioassay of calcium cyanamide for possible carcinogenicity.

Bioassay of 2,7-dichlorodibenzo-p-dioxin (DCDD) for possible carcinogenicity.

Inhibition of blood coagulation factor XIIIa-mediated cross-linking between fibronectin and collagen by polyamines.

The effect of perinatal exposure to tetrachlorodibenzo-p-dioxin on the immune response of young mice.

Effects of 2,3,7,8-tetrachlorodibenzofuran (TCDF) on the immune system in guinea pigs.

[Combustion gas toxicity of textiles (author's transl)].

Amino acid sequences of portions of the alpha and beta chains of bovine fibrinogen.

Hexose transport and phosphorylation by capillaries isolated from rat brain.

An immunoperoxidase method for the demonstration of allergen-specific IgE in serum.

Preliminary report on the amino acid sequence of the alpha-chain of human fibrinogen.

Pulmonary ultrastructure of the late aspects of human paraquat poisoning.

Percutaneous paraquat absorption. An association with cutaneous lesions and respiratory failure.

Correlation of biochemical and morphologic manifestations of acute pulmonary fibrosis in rats administered paraquat.

An effect of paraquat on the lungs of rabbits. Its implications in smoking contaminated marihuana.

Cytogenetic studies of pesticide and herbicide sprayers.

[Natural resistance in livestock to 2,4-D poisoning].

Paraquat lung injury in rabbits.

Autopsy findings in a case of acute paraquat poisoning with extensive cerebral purpura.

Haemoperfusion over ion exchange resins and polymeric adsorbents.

The pathology and biochemistry of paraquat.

[Relationship of the pesticide content to the biochemical changes in the tissues and blood in Ro-Neet poisoning].

Prevention of acute paraquat toxicity in rats by superoxide dismutase.

[Pathomorphological studies in experimental simazine poisoning of sheep].

Co-existence of morbus Hodgkin and aplastic anaemia.

Pulmonary histological appearances in fatal paraquat poisoning.

[2,4-D poisoning].

Paraquat ingestion and pulmonary injury.

Report of the 40th meeting of the work group on the pathophysiology of breathing of the Society for Pathophysiology and the Society for Bronchopneumonology and Tuberculosis of the DDR. Animal experimental models of acute and chronic lung diseases.

Noncardiac pulmonary edema.

Reversal by theophylline of some changes characteristically accompanying hypothyroidism in rats.

The relation of conductivity to the binding of thrombin to human platelets.

Exposure of council and forestry workers to 2,4,5-T.

Effect of 3-amino-1,2,4-triazole on catalase and formation of methemoglobin from oxyhemoglobin in erythrocyte by superoxide radicals.

[Metabolism and excretion of ³²P-aminophon in lactating cattle].

Migration of human lymphocytes. II. Variation of lymphocyte distribution.

Recent data on the examination of the mutagenic effect of a dinitro-o-cresol-containing pesticide by different test methods.

Enzyme-linked immunosorbent assay for detection of antibodies to influenza A and B and parainfluenza type 1 in sera of patients.

Bursectomy in ovo blocks the generation of immunoglobulin diversity.

Protection by dinitrophenol against radiation-induced hemolysis in hen erythrocytes.

Studies on the mode of action of beclotiamine on *Eimeria tenella*.

Effects of halogenated antibacterials on the erythrocyte membrane.

The defined antigen substrate sphere system with direct immunohistoperoxidase for detection of soluble dengue antigen in sera of patients with dengue hemorrhagic fever.

PH-dependent behavior of erythrocyte membrane elevations. II Occurrence in moderate acidemic and alkalemic conditions.

Treatment of arterial hypertension with tienilic acid, a new diuretic with uricosuric properties.

Comparative bioavailability of elemental iron powders for repair of iron deficiency anemia in rats. Studies of efficacy and toxicity of carbonyl iron.

Iron absorption in patients with polycythemia vera: a comparative study using the whole-body counter and the ferrous sulfate absorption test.

The distribution of antigen in flare up reaction in contact sensitivity to DNCB.

The presence of an aldehyde dehydrogenase inhibitor in animal diets and its effects on the experimental results in alcohol studies.

Development and evaluation of a microimmunodiffusion test for detection of antibodies to pseudorabies virus in swine serum.

Large agarose beads for extracorporeal detoxification systems.

Experimental transfusion of dextran-hemoglobin.

Effects of dietary corn on hematological response of anemic rats to ferrous sulfate.

Separation of mouse bone marrow cells using wheat germ agglutinin affinity chromatography.

Disulfide bridges in the middle part of human fibrinogen.

Amino acid sequence of human fibrin. Preliminary note on the completion of the N-terminal part of the alpha-chain sequence.

Disulfide-linked cyanogen bromide peptides of bovine fibrinogen. III. Isolation and identification by sequence analysis of the chain constituents in peptides F-CB2, F-CB4 and F-CB5.

Adriamycin and daunomycin generate reactive oxygen compounds in erythrocytes.

Primary structure of human erythrocyte glycophorin A. Isolation and characterization of peptides and complete amino acid sequence.

Platelet 5-hydroxytryptamine transport, an electroneutral mechanism coupled to potassium.

Chemical determination of the m1 Moloney sarcoma virus pP60gag gene order: evidence for unique peptides in the carboxy terminus of the polyprotein.

Structure of alpha-polymer from in vitro and in vivo highly cross-linked human fibrin.

Isolated microvessels: the blood-brain barrier in vitro.

Platelet release reaction and intracellular cGMP.

Evidence for anionic cation transport of lithium, sodium and potassium across the human erythrocyte membrane induced by divalent anions.

The action of immobilized thrombin on factor VIII, fibrinogen and a synthetic tripeptide.

The role of acetaldehyde in mediating the deleterious effect of ethanol on pyridoxal 5'-phosphate metabolism.

Immunochemical characterization of cyanogen bromide degradation products of M and N blood-group glycopeptides.

Are lobster fibrinogen and cold-insoluble globulin related molecules?

The amino acid sequence of the carboxy-terminal 142 amino acids of the alpha-chain of human fibrinogen.

Affinity of fibronectin to collagens of different genetic types and to fibrinogen.

Determination of fibrinogen degradation products by immuno-enzymological assay.

The chemotherapy of rodent malaria, XXXI. The effect of some metabolic inhibitors upon chloroquine-induced pigment clumping (CIPC) in *Plasmodium berghei*.

Structural polymorphism within the amino-terminal region of MM, NN, and MN glycoproteins (glycophorins) of the human erythrocyte membrane.

Enhancement of nitro reduction in rat liver microsomes by haemin and haemoproteins.

Platelet-collagen interaction: adhesion of human blood platelets to purified (CB4) peptide from type III collagen.

Localization of the alpha-chain cross-link acceptor sites of human fibrin.

Collagen changes in the human uterine cervix at parturition.

Amino acid sequence of the beta chain of human fibrinogen: homology with the gamma chain.

Pulmonary fibrinolytic activity: development of a sensitive radiochromatographic assay.

Bile secretion and liver cell heterogeneity in the rat.

Significance of 2,4-dinitrophenol action on spinal motoneurons.

Tests for cataglykin activity on a cyanogen bromide fragment of human growth hormone.

Interaction of human platelets with heparinized agarose gel.

Evaluation of a finger prick blood collection method for the seroepidemiology of hepatitis B.

The specific binding of collagen-alpha 1-chains to platelets.

Structural aspects of type I collagen required for its interaction with platelets.

Studies on the structure of haptoglobin and the haptoglobin-haemoglobin complex by spin and fluorescence labelling.

Cytochemical distinction between azurophils and catalase-containing granules in leukocytes. I. Studies in developing neutrophils and monocytes from patients with myeloperoxidase deficiency: comparison with peroxidase-deficient chicken heterophils.

[Hemoperfusion with coated activated charcoal for treating acute poisoning by remedies, plant protectants, and fungi. III. Fungi (author's transl)].

Concentration levels of 2,4-D and 2,4,5-T in forensic material.

Paraquat poisoning is not necessarily fatal.

[A contribution to the pathogenesis of lethal paraquat poisoning (author's transl)].

[Mutagenicity of several pesticides--derivatives of urea, carbamic and thiocarbamic acids].

[Effects of herbicides (Gramoxone and Defenuron) on the development and protein levels of quail (*Coturix coturix japonica*)].

[Hemoperfusion with coated activated charcoal for treating acute poisoning by remedies, plant protectants, and fungi (author's transl)].

Acute respiratory distress in the dog associated with paraquat poisoning.

Environmental agents altering lung biochemistry.

Toxicological studies on hydrocarbons--lomex.

Haemoperfusion through activated charcoal in paraquat intoxication.

The treatment of paraquat poisoning using oral sorbents and charcoal haemoperfusion.

Paraquat poisoning. Survival without pulmonary insufficiency after early bleomycin treatment.

The pharmacokinetics and metabolism of pentachlorophenol in rats.

Mitochondrial heredity of resistance to 3-(3,4-dichlorophenyl)-1,1-dimethylurea, an inhibitor of cytochrome b oxidation, in *Saccharomyces cerevisiae*.

Effects of pyrazole and 3-amino-1,2,4-triazole on the metabolism and toxicity of dimethylnitrosamine in the rat.

Association between renal function tests and pentachlorophenol exposure.

[Folic acid and pregnancy, a real problem?].

At what age does iron supplementation become necessary in low-birth-weight infants?

Release of platelet constituents by monosodium urate crystals.

[Iron therapy and hemoglobin regeneration in pregnancy anemias and postpartum anemias (author's transl)].

Induction of tumors in mice with the herbicide succinic acid 2,2-dimethylhydrazide.

Morphological changes in monkeys consuming a diet containing low levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Expression of protein HC on the plasma membrane of different human cell types.

Studies on the nature of EA binding by lymphocytes from rheumatoid arthritis patients.

Effect of zinc ion on the hemolytic activity of thermostable direct hemolysin from *Vibrio parahaemolyticus*, streptolysin O, and Triton X-100.

[Cytogenetic study of the mutagenic properties of the repellents dimethyl phthalate and phenoxyacetic acid N,N-diethylamide].

Suppressor cells in tolerance to contact sensitivity active against hapten-syngeneic and hapten-allogeneic determinants.

Poisoning by cresol.

[Comparative clinical evaluation of 2 prolonged-action iron preparations--Tardyferon and Ferrogradumet].

Quantitation of antibody to non-hemagglutinating viruses by single radial hemolysis: serological test for human coronaviruses.

Purification of equine infectious anemia virus antigen by affinity chromatography.

[Lesch-Nyhan syndrome. Report of a case].

Mechanism of uptake of nitrosoureas by L5178Y lymphoblasts in vitro.

[Treatment of anemia in pregnancy].

Epidemiology and pathology of a tetrachlorodibenzodioxin poisoning episode.

The amino acid sequence of dihydrofolate reductase from L1210 cells.

Studies of the elderly in Boston. I. The effects of iron fortification on moderately anemic people.

Effector cell stimulation-inhibition of in vitro lymphoma cell DNA synthesis and correlation with in vivo antitumor response.

A cytological study of Heinz body-hemolytic anemia. Report of a case of sodium chlorate poisoning complicated by methemoglobinemia and acute renal failure.

[Tardyferon preparation in the treatment of hypochromic anemia].

Treatment of severe drug overdose with charcoal hemoperfusion.

Effect of potassium cyanate on carbon monoxide and hypoxic hypoxia-induced lethality.

Use of anemic piglet to assess bioavailability of iron from oral iron preparations.

Preventive effect of selenium, methionine and antioxidants against encephalomalacia of chicks induced by dilauryl succinate.

Structure and biological functions of human IgD. XIV. The development of a solid-phase radioimmunoassay for the quantitation of IgD in human sera and secretions.

Effects of sodium azide on platelet function.

Haemoglobins of the shark, *Heterodontus portusjacksoni*. III. Amino acid sequence of the beta-chain.

Purification of thrombin by affinity chromatography on immobilized heparin.

Amino acid sequence of human fibrin. Preliminary note on three internal peptides obtained by cyanogen bromide cleavage of the beta-chain.

Immunological assay for a carboxyterminal peptide of the fibrinogen alpha-chain in normal and pathological human sera.

Amino-acid sequence of human fibrin. Preliminary note on the peptides obtained by cyanogen bromide cleavage of the beta-chain.

Glutathione reductase from human erythrocytes. Isolation of the enzyme and sequence analysis of the redox-active peptide.

Fragmentation of the band 3 polypeptide from human erythrocyte membranes. Identification of regions likely to interact with the lipid bilayer.

The influence of some metabolic inhibitors on in vitro phagocytizing macrophages. I. The behaviour of human macrophages.

The capillary and sarcolemmal barriers in the heart. An exploration of labeled water permeability.

Hormone receptors: VI. On the nature of the binding of glucagon and insulin to human circulating mononuclear leukocytes.

Molecular characterization of limulin, a sialic acid binding lectin from the hemolymph of the horseshoe crab, *Limulus polyphemus*.

[Food additives and their possible genetic toxicity; microbiological determination].

Primary structure of human fibrinogen. Characterization of disulfide-containing cyanogen-bromide fragments.

[Acute fatal ioxynil intoxication (author's transl)].

[Effect of antidotes on the rate of absorption of 2,4-dinitrophenol from the digestive tract into the blood].

Effect of anticonvulsants on the uptake of 5-methyltetrahydrofolic acid by the choroid plexus in rabbits.

Regulation of cardiac output during 2,4-dinitrophenol-induced tissue hypermetabolism in the dog.

Role of tissue hypermetabolism in stimulation of ventilation by dinitrophenol.

Factors which influence blood platelet migration.

Inhibition of prostaglandin synthesis in mouse 3T3 fibroblasts and human platelets by substituted phenols.

On the mechanism of ATP-induced shape changes in human erythrocyte membranes. II. The role of ATP.

Human fibrinogen--amino acid sequence of fragment E and of adjacent structures in the Aalpha and Bbeta -chains.

Role of liver cytosolic aldehyde dehydrogenase isozymes in control of blood acetaldehyde concentrations.

Amino acid sequence studies on the alpha chain of human fibrinogen. Characterization of 11 cyanogen bromide fragments.

Amino acid sequence studies on the alpha chain of human fibrinogen. Isolation and characterization of two linked alpha-chained cyanogen bromide fragments from fully cross-linked fibrin.

Amino acid sequence studies on the alpha chain of human fibrinogen. Covalent structure of the alpha-chain portion of fragment D.

alpha-chain sequence of newt haemoglobin (*Taricha granulosa*).

L-Dopa peroxidase activity of human erythrocyte catalase.

Hydrogen peroxide lowers ATP levels in platelets without altering adenylate energy charge and platelet function.

Mechanism of action of thrombin on fibrinogen. Reaction of the n-terminal CNDR fragment from the Bbeta chain of bovine fibrinogen with bovine thrombin.

Disulfide-linked cyanogen bromide peptides of bovine fibrinogen. II. Isolation and sequence analysis of the chain constituents from the amino terminal region.

Human thrombin: partial primary structure.

Iron uptake by immature erythroid cells. Mechanism of dependence on metabolic energy.

Spectrophotometric assay of nicotinic acid in blood. Assessment of its daily profile in humans.

Radioimmunoassay of a large cyanogen bromide peptide of the human fibrinogen A alpha-chain.

Innocuity and toxicity testing of non-viral components of foot-and-mouth disease vaccines.

[Genetic independence of two forms of carbonic anhydrase from bovine erythrocytes].

Acute phase proteins and pesticide exposure.

Cardiovascular malformations in *Oryzias latipes* embryos treated with 2,4,5-trichlorophenoxyacetic acid (2,4,5-T).

Hypoxic protection in paraquat poisoning.

Paraquat poisoning: new aspects of therapy.

Tumorigenic effect of 3-amino-1H-1,2,4-triazole on rat thyroid.

Efficacy of gut lavage, hemodialysis, and hemoperfusion in the therapy of paraquat or diquat intoxication.

Strain differences in histopathologic, hematologic, and blood chemistry changes induced in mice by a technical and a purified preparation of 2,4,5-trichlorophenoxyacetic acid.

Paraquat revisited.

Bioassay of 2, 4, 5-trichlorophenoxyacetic acid for carcinogenicity in mice.

Letters to the editor: Short-term toxicity study of ammonium sulphamate in rats.

[New possibilities in the treatment of paraquat or diaquat poisoning: intestinal lavage and hemoperfusion].

Electrophoretic pattern of red blood cell catechol-o-methyltransferase in schizophrenia and manic-depressive illness.

Perinatal nephropathies.

Biologic activity of two derivatives and six possible metabolites of cyclophosphamide (NSC-26271).

Sequential histopathologic, hematologic, and blood chemistry changes induced in mice by a technical and a purified preparation of 2,4,5-trichlorophenoxyacetic acid.

Penetration of proteins in the central nervous system.

Trace analysis of 2,4,5-trichlorophenoxyacetic acid, its glycineamide, and their alkaline hydrolyzable conjugates in mouse blood, urine, and feces.

Oxygen delivery in perfused rat kidney: NADH fluorescence and renal functional state.

Distribution and cytogenetic test of 2,4-D and 2,4,5-T phenoxyacetic acids in mouse blood tissues.

Inhibition of paraquat accumulation in rat lung slices by a component of rat plasma and a variety of drugs and endogenous amines.

Section preparation of human marrow for light microscopy.

A study of the inhalation of pentachlorophenol by rats. Part V. A protein binding study of pentachlorophenol.

Localization of platelet prostaglandin production in the platelet dense tubular system.

Studies on the toxicology of hexachlorobenzene. II. Identification and determination of metabolites.

A study of the inhalation of pentachlorophenol by rats. Part I. A method for the determination of pentachlorophenol in rat plasma, urine and tissue and in aerosol samples.

The metabolism of lindane and its metabolites gamma-2,3,4,5,6-pentachlorocyclohexene, pentachlorobenzene, and pentachlorophenol in rats and the pathways of lindane metabolism.

High uptake in the erythrocytes and the spleen of the quaternary dipyridylum salt paraquat injected intravenously in hypotonic solutions.

The renal handling of 2,4,5-trichlorophenoxy- acetic acid (2,4,5-T) in the dog.

Binding of organic compounds to rat liver and lung.

A prophylactic trial of iron and folic acid supplements in pregnant Burmese women.

Human lymphocyte motility: normal characteristics and anomalous behavior of chronic lymphocytic leukemia cells.

Sheep erythrocytes binding ability on a mouse renal adenocarcinoma cell line and its hybrid with human lymphocytes.

The effects of iron deficiency on the respiratory function and cytochrome content of rat heart mitochondria.

Relationship between acute and chronic exposures in mutagenicity studies in mice.

Binding of chick skin collagen alpha 1 chain by isolated membranes from human platelets.

[The effect of 2,4-dinitrophenol, monoiodine acetate, sodium fluoride and hypoxia on the formation of plasma polyps in the placenta of guinea pigs (author's transl)].

[On the chloranilic acid reaction (RAC) proposed by Closs (author's transl)].

Iodination of a tyrosyl residue in staphylococcal alpha-toxin.

Effect of hypothyroidism on responsiveness to beta-adrenergic stimulation.

[The dynamics of changes in oxygen tension, circulatory rats, muscular and rectal temperatures in dinitrophenol hyperthermia].

[Pharmacological studies on basic ethers (R111 and R97) with antispasmodic activity].

Relationships between intracisternal type A and extracellular oncornavirus-like particles produced in murine MOPC-460 myeloma cells.

Synthesis of the antileukemic compound N,N(11)-[5-[bis(2-chloroethyl)amino]-1, 3-phenylene]bisurea.

Sugar as a vehicle for iron fortification.

Erythropoietic response of anemic rats to enriched white bread and bread ash.

Effect of dietary iron level on efficiency of converting food iron into hemoglobin by the anemic rat.

Specific radioimmunochemical identification and quantitation of hemoglobins A2 and F.

[Tardyferon-depot in the treatment of iron deficiency anemia].

[Influence of uncoupling agents on the capacity of transaminase in kidney and pancreas].

Hematologic abnormalities following gastric resection.

Factor B of the alternative complement pathway on human lymphocytes.

Analysis of T-cell-specific functions in continuous lymphocytic cell lines. II. A T-cell line which forms rosettes with normal thymocytes of the same species.

Observations on interferon treatment in pediatrics.

Properties of Fc γ receptors in normal and malignant human tissues.

Hemocyanin of the horseshoe crab, *Limulus polyphemus*. Structural differentiation of the isolated components.

Nuclear magnetic resonance studies of sperm whale myoglobin specifically enriched with ^{13}C in the methionine methyl groups.

Tissue factor in cultured cells: metabolic control.

Amino acid sequence linking plasmin fragments E and D in the beta-chain of human fibrin.

[Primary structure of bovine erythrocyte carbonic dehydratase C1. II. Complete sequence].

Carbohydrate linkage site in the beta-chain of human fibrin.

A quantitative description of the extension and retraction of surface protrusions in spreading 3T3 mouse fibroblasts.

Methylisocyanate as an antisickling agent and its reaction with hemoglobin S.

Structural evidence for gamma globin chain synthesis in adult bone marrow cultures.

Mechanisms of methylene blue stimulation of the hexose monophosphate shunt in erythrocytes.

[Absorption, distribution, excretion and metabolism of a basic ether compound (R97) with antispasmodic activity].

The respiratory metabolism of *Mycobacterium lepraemurium*.

Optimal conditions for elution of hepatitis B antigen after absorption onto colloidal silica.

Proton fluxes associated with erythrocyte membrane anion exchange.

The amino acid sequence of a 27-residue peptide released from the alpha-chain carboxy-terminus during the plasmin digestion of human fibrinogen.

Effect of centrophenoxine on cyclophosphamide concentration in blood.

A water-soluble Mg^{2+} -ATPase from erythrocyte membranes.

Oxygen consumption in platelets of newborn infants before and after stimulation by thrombin.

Collagen- and collagen peptide-induced chemotaxis of human blood monocytes.

Gastrointestinal effects of acute ferrous sulfate poisoning in rats.

Three antigenic determinants in histone F3 from chicken erythrocytes.

Redistribution of the Fc receptor on human blood monocytes and peritoneal macrophages induced by immunoglobulin G-sensitized erythrocytes.

Interaction of fragments of fibrinogen with insolubilized fibrin monomers (activated fibrinogen).

Disulfide-linked cyanogen bromide peptides of bovine fibrinogen. I. Isolation of peptide F-CB3 and characterization of its single disulfide bond by cleavage with cyanide.

Amino acid sequence of human fibrin. Preliminary note on the order of peptides obtained by cleaving the gamma-chain at the methionyl and arginyl bonds.

Positive chronotropic effect of dialysable peptides derived from plasmin digestion of bovine fibrinogen preparations.

Immunochemistry of bovine fibrinogen--II. Analysis by immunoadsorption of the antibody response against three large cyanogen bromide peptides.

Haemoglobins of the shark, *Heterodontus portusjacksoni* II. Amino acid sequence of the alpha-chain.

[Study of stabilized erythrocytes in the direct hemagglutination reaction with influenza viruses by the method of multifactorial planning of experiments].

Afferent neural pathway in the regulation of cardiopulmonary responses to tissue hypermetabolism.

Modification of in vivo lacrimal gland secretion by 2,4-dinitrophenol.

Uptake and efflux of succinic acid by uninduced mycelium of *Claviceps purpurea*.

Human heart and platelet actins are products of different genes.

Lung collagen heterogeneity. Synthesis of type I and type III collagen by rabbit and human lung cells in culture.

Pancreatic metabolic rate measured in vivo with heat-accumulation technique.

Platelet-collagen interaction. The influence of native and modified collagen (Type I) on the aggregation of human platelets.

Comparative studies of human, equine, porcine and bovine erythrocyte membrane sialoglycoproteins.

Regional transport of phenylalanine across the blood-brain barrier.

The search for the structure of fibrinogen.

[Effect of protamine sulphate on erythrocyte agglutination by anti-rh antisera. Cause of time-dependence (author's transl)].

The significance of ¹²⁵I as a tracer for lymphocytes, liver cells and erythrocytes after iodination by the lactoperoxidase-H₂O₂ technique.

Paraquat poisoning in man.

[Morphological and toxicological studies of experimental diquat poisoning].

Removal of paraquat from blood by haemoperfusion over sorbent materials.

[Ultrastructural study of a renal biopsy in a patient poisoned by paraquat].

[Glutathione peroxidase activity of the blood in triallate poisoning of animals].

Hypertension in Oregon pesticide-formulating workers.

[Resuscitation in 1975].

On the question of extracorporeal hemodialysis in diquat intoxication.

Aplastic anaemia after exposure to a weed killer, 2-methyl-4-chlorphenoxyacetic acid.

Lung function in acute paraquat intoxication.

Short-term oral and dermal toxicity of MCPA and MCPP.

Exposure and contamination of the air and employees of a pentachlorophenol plant, Idaho--1972.

Inhibition of platelet aggregation induced by either epinephrine or arachidonic acid.

Electron paramagnetic resonance spectra of catalase in mammalian tissues.

The perturbation of thrombin binding to human platelets by anions.

Blockade by metal complexing agents and by catalase of the effects of arachidonic acid on platelets: relevance to the study of anti-inflammatory mechanisms.

The avian erythrocyte: a study of fixation for electron microscopy.

Fine structural and cytochemical identification of microperoxisomes in developing human erythrocytic cells.

[The effect of the sodium salt of 2,4-dichlorphenoxyacetic acid on erythrocyte glycolysis, ATP-ase and transketolase activity].

Ionophore A-23187 induced histamine release from rat mast cells and rat basophil leukemia (RBL-1) cells.

Ferrous and hemoglobin-⁵⁹Fe absorption from supplemented cow milk in infants with normal and depleted iron stores.

A rapid method for the purification and radioimmunoassay of human alpha-fetoprotein.

Antibody-induced redistribution of CEA on the cell surface: utilization in separation of CEA and isoantigen A.

[The minimum effective dosages of repellents].

The presence of hemoglobin S and C Harlem in an individual in the United States.

[Stimulating effect of collagen and collagen derivatives on the propagation and adhesion of thrombocytes in defibrinogenated human citrate plasma and in animal citrate plasma].

Fatal self-administration of sodium azide.

Use of cationic disc electrophoresis near neutral pH in the evaluation of trace proteins in human plasma.

Sephacrose-bound erythropoietin. Studies with anti-erythropoietin.

Detection of circulating antigen in acute experimental infections with *Toxoplasma gondii*.

Angiosarcoma of the liver associated with Fowler's solution (potassium arsenite).

Cyanogen bromide and tryptic fragments of normal and haemophilic factor VIII.

[Use of Ferro-Gradumet preparations in obstetrics and gynecology].

[Peroxidase activity of neutrophil granules in two cases of congenital myeloperoxidase deficiency].

Patients with Ehlers-Danlos syndrome type IV lack type III collagen.

[Treatment of iron deficiency with orally administered delayed-action ferrous sulfate and mucoprotease].

Bioavailability of trivalent iron in oral iron preparations. Therapeutic efficacy and iron absorption from simple ferric compounds and high- or low-molecular weight ferric hydroxide-carbohydrate complexes.

The fungicidal mechanisms of human monocytes. I. Evidence for myeloperoxidase-linked and myeloperoxidase-independent candidacidal mechanisms.

Iron poisoning in children.

Impairment of mitochondrial function following reperfusion of acutely ischemic myocardium.

Osmotic thirst suppression during 2,4-dinitrophenol (DNP) hyperthermia in the dog.

[Utilization of luminescent monospecific sera against human immunoglobulins G, A and M for diagnostic purposes].

Antigen binding by non-bursa-derived chicken leukocytes.

Solubility of fibrin clots in monochloroacetic acid. A reflection of serum pepsinogen levels.

Role of mitochondrial calcium transport in failing heart.

Isolation of hepatitis B surface antigen (HBsAg) by affinity chromatography on antibody-coated immunoabsorbents.

On the structure of fibrinogen related to its plasminic degradation products D and E.

Antigenic determinants of bovine myelin encephalitogenic protein recognized by rabbit antibody to myelin encephalitogenic protein.

Amino acid sequence of human fibrin: preliminary note on the peptides obtained by cleaving the gamma-chain at the methionyl bonds.

Antigenic structure of the cyanogen bromide peptide F-CB3 from fibrinogen alpha-chain.

Amino acid sequence studies on the alpha chain of human fibrinogen. Location of four plasmin attack points and a covalent cross-linking site.

Human anaphylatoxin (C3a) from the third component of complement. Primary structure.

Occurrence, transport, and storage of octopamine in human thrombocytes.

Isolation and immunological characterization of a disulfide loop region in human fibrinogen alpha chain.

Respiratory effects of H⁺ and dinitrophenol injections into the brain stem subarachnoid space of fetal lambs.

Dependence of platelet adenyl cyclase system on oxidative phosphorylation.

Interaction of a chick skin collagen fragment (alpha1-CB5) with human platelets. Biochemical studies during the aggregation and release reaction.

[Bicarbonate-stimulated ATP-ase from membranes of rat erythrocytes].

[Effect of prothixen and related compounds on serotonin absorption by human thrombocytes].

On the affinity of aminotriazole to cells of the haemopoietic system in mice.

Primary structure of human plasminogen. Evidence for gene duplication in the heavy chain and possible homology with fibrinogen.

Thromboxanes: a new group of biologically active compounds derived from prostaglandin endoperoxides.

Polar appearance and nonligand induced spreading of measles virus hemagglutinin at the surface of chronically infected cells.

Specific suppression of the antibody response in vitro by serum from paralyzed mice.

The amino acid sequence of human chorionic gonadotropin. The alpha subunit and beta subunit.

The transport of gentamicin in the choroid plexus and cerebrospinal fluid.

Partial chemical characterization of rat fibrinogen.

[Catecholamine content and electrolyte balance of the rabbit myocardium during poisoning with 2,4-dinitrophenol].

Xenon accumulation in the red blood cell. A process latered by suppressors of the membrane active transport function.

Fractionation and characterization of surface antigens from group A Neisseria meningitidis.

Lymphocyte subpopulations. Human red blood cell rosettes.

Amino acid sequence of the carboxy-terminal cyanogen bromide peptide of the human fibrinogen beta-chain: homology with the corresponding gamma-chain peptide and presence in fragment D.

Ion transport across the excised bullfrog lung.

Immunochemistry of the thrombin-altered NH₂-terminal disulfide knot of human fibrinogen.

[New data on the structure of fibrinogen].

Antigenic determinants in the disulfide regions of bovine fibrinogen.

Brain concentration of propranolol in relation to hypotensive effect in the rabbit with observations on brain propranolol levels in man.

Chicken erythrocyte histone H5; I. Amino terminal sequence (70 residues).

Effect of polycations and polyanions on behavior of sheep red blood cell rosettes of human lymphocytes.

Haemoglobin G Norfolk: alpha 85 (F6) Asp leads to Asn.

Haploid callus and regeneration of plants from anthers of *Digitalis purpurea* L.

Cardiac effects of sodium selenite.

The in vitro cellular synthesis of hemoglobin components in various media and its relevance to the concept of stenogenic and eurygenic states of differentiation.

Stereochemical preferences for curarimimetic neuromuscular junction blockade II. enantiomeric bisquaternary amines as probes.

Further observations on paraquat poisoning in man.

[Paraquat intoxication and isolated aplastic anaemia (author's transl)].

Paraquat lung: a reappraisal.

[Syndrome of ophthalmological manifestations caused by a generalized intoxication with defoliant and herbicides].

Poisoning from pesticides: diagnosis and treatment.

Editorial: Arsenic makes a comeback.

Short-term toxicity of pentachlorophenol in rats.

The susceptibility of the fetus and child to chemical pollutants. Industrial and agricultural chemicals.

[Massive paraquat poisoning, fatal within 24 hours. Toxicologic and anatomo-clinical data].

[Materials for the evaluation of gonadotropic and mutagenic action of the herbicide, butyl ester 2,4,5-T].

Effect of 3', 4'-dichloroprotonanilide on some biochemical constituents in the blood of buffalo calves.

Arsenic in blood and urine of forest workers as indices of exposure to cacodylic acid.

Fetal uptake and embryogenetic effects of aminotriazole in mice.

[Modification of porphyrin-metabolism through environmental factors].

[Effect of 2,4-dichlorophenoxyacetic acid on organogenesis and tracheogenesis in *Digitalis purpurea* L].

[The cytogenetic effect of herbicide 2,4-D on human and animal chromosomes].

New aspects of laboratory techniques for studies of Colorado tick fever.

Biochemical effects of diquat and paraquat. Disturbance of the control of corticosteroid synthesis in rat adrenal and subsequent effects on the control of liver glycogen utilization.

[Agglutination reaction of antibody-sensitized erythrocytes with Colorado tick fever virus].

Dose-dependent sympathomimetic and cardioinhibitory effects of acrolein and formaldehyde in the anesthetized rat.

The preparation and purification of HL-A monospecific antigens using platelets and various lymphoid sources.

High-affinity accumulation of chloroquine by mouse erythrocytes infected with *Plasmodium berghei*.

Movement of IgG receptors on the lymphocyte surface induced by protein A of *Staphylococcus aureus*.

An immunoadsorbent process for removing hepatitis antigen from blood and plasma.

Haemoglobin inkster (alpha2 85aspartic acid leads to valine beta2) coexisting with beta-thalassaemia in a Caucasian family.

Removing substances from blood by affinity chromatography. I. Removing bilirubin and other albumin-bound substances from plasma and blood with albumin-conjugated agarose beads.

Interaction of an active glycopeptide from chick skin collagen (alpha 1-CB5) with human platelets.

Immunoabsorbent chromatography of hypoxanthine-guanine phosphoribosyltransferase.

Evidence for a common synthetic origin for secretory and serum IgA.

The subunit structure of human muscle and human erythrocyte pyruvate kinase isozymes.

Bovine erythrocyte superoxide dismutase. Isolation and characterization of tryptic, cyanogen bromide, and maleylated tryptic peptides.

Bovine erythrocyte superoxide dismutase. Subunit structure and sequence location of the intrasubunit disulfide bond.

Acid-soluble breakdown of homologous deoxyribonucleic acid adsorbed by *Haemophilus influenzae*: its biological significance.

The amino acid sequence of plastocyanin from *Cucurbita pepo* L. (vegetable marrow).

[Metabolic shifts in workers manufacturing elementary bromine and its compounds (bromine salts and methyl bromide)].

Studies on blood group substances. V. Blood group substance A coupled to agarose as an immunosorbent.

Mechanism of action of thrombin on fibrinogen. Reaction of the N-terminal CNBr fragment from the Aalpha chain of human fibrinogen with bovine thrombin.

Transport of taurine by normal human blood platelets.

[Primary structure of the bovine erythrocyte carbonic anhydrase CI].

The search for the active core of pituitary growth hormone.

Immunologic properties of Aalpha chain of human fibrinogen.

The determination of the primary structure of histones F3 from chicken erythrocytes by automatic Edman degradation. 1. Cleavage and alignment of fragments.

Lung collagen heterogeneity.

Evidence for localization of polymerization sites in fibrinogen.

Perturbation of leukocyte metabolism by nonphagocytosable concanavalin A-coupled beads.

Fibrinogenolysis by insolubilized plasmin.

Coupling of polysaccharides to erythrocytes by cyanogen bromide.

[Primary structure of human B erythrocyte carbonic anhydrase. 3. Sequence of CNBr fragment I and III (residues 149-260)].

Table 2A-5 – Titles of Pubmed Records Related to Immune System Adverse Events Following Herbicide Exposure

ALOPECIA; *ARTHRITIS*; *AUTOIMMUN*; *BREAKTHROUGH*; *BURSITIS*; *CROHN*; *DIPHTHERIA*; *EDEMA*; *FEBRILE*; *FEVER*; *GUILLAIN*; *HEPATITIS*; *HERPES*; *IMMUNE DEFICIENCY*; *IMMUNE EVASION*; *IMMUNE SUPPRESSION*; *IMMUNE THROMBOCYTOPENIA*; *IMMUNE TOLERANCE*; *IMMUNOCOMPROMISED*; *IMMUNODEFICIENCY*; *IMMUNOPATHOLOGY*; *IMMUNOSUPPRESSIVE*; *INFLAMM*; *LEPROSY*; *LICHEN PLANUS*; *LUPUS*; *LYME DISEASE*; *MEASLES*; *MULTIPLE SCLEROSIS*; *MUMPS*; *MYASTHENIA GRAVIS*; *PEMPHIGOID*; *PERTUSSIS*; *PNEUMONIA*; *POLYANGIITIS*; *POLYMYALGIA*; *PSORIA*; *RAYNAUD*; *RHEUMAT*; *RHINITIS*; *SWELLING*; *TETANUS*; *TRANSVERSE MYELITIS*; *TUBERCULOSIS*; *TYPE 1 DIABETES*; *TYPHOID*; *TYPHUS*; *ULCERATIVE COLITIS*; *UVEITIS*; *VASCULITIS*; *VITILIGO*; *WHITE DOT SYNDROME*; *ZOSTER*(5120)

Molecular, biochemical and histological assessment in paraquat induced neurotoxicity: restoring role of nano-curcumin in an experimental study.

A potential mechanism clue to the periodic storm from microglia activation and progressive neuron damage induced by paraquat exposure.

Co-exposure to environmental microplastic and the pesticide 2,4-dichlorophenoxyacetic acid (2,4-D) induce distinctive alterations in the metabolome and microbial community structure in the gut of the earthworm *Eisenia andrei*.

Prometryn exposure disrupts the intestinal health of *Eriocheir sinensis*: Physiological responses and underlying mechanism.

Inhaled paraquat-induced lung injury in rat, improved by the extract of *Zataria multiflora* boiss and PPAR γ agonist, pioglitazone.

Pelargonidin alleviates acrolein-induced inflammation in human umbilical vein endothelial cells by reducing COX-2 expression through the NF- κ B pathway.

Melatonin inhibits atrazine-induced mitochondrial impairment in cerebellum of mice: Modulation of cGAS-STING-NLRP3 axis-dependent cell pyroptosis.

The Peptide DH ϵ -(4-pentenyl)-ANPQIR-NH(2) Exhibits Antifibrotic Activity in Multiple Pulmonary Fibrosis Models Induced by Particulate and Soluble Chemical Fibrogenic Agents.

Amentoflavone mediated hepatoprotection to counteract paraquat instigated hepatotoxicity via modulating Nrf2/keap1 pathway: A biochemical, inflammatory, apoptotic and histopathological study.

Redox imbalance and inflammation: A link to depression risk in Brazilian pesticide-exposed farmers.

Atrazine exposure caused oxidative stress in male rats and inhibited brain-pituitary-testicular functions.

Ferulic acid grafted into β -cyclodextrin nanosponges ameliorates Paraquat-induced human MRC-5 fibroblast injury.

Paraquat and Parkinson's Disease: The Molecular Crosstalk of Upstream Signal Transduction Pathways Leading to Apoptosis.

Protective effects of natural compounds against paraquat-induced pulmonary toxicity: the role of the Nrf2/ARE signaling pathway.

Atrazine exposure promotes cardiomyocyte pyroptosis to exacerbate cardiotoxicity by activating NF- κ B pathway.

Cinnamaldehyde attenuates TNF- α induced skeletal muscle loss in C2C12 myotubes via regulation of protein synthesis, proteolysis, oxidative stress and inflammation.

Elucidating the mechanisms underlying astrocyte-microglia crosstalk in hippocampal neuroinflammation induced by acute diquat exposure.

Curcumin alleviates atrazine-induced cardiotoxicity by inhibiting endoplasmic reticulum stress-mediated apoptosis in mice through ATF6/Chop/Bcl-2 signaling pathway.

Amphibian-derived peptide RL-RF10 ameliorates paraquat-induced pulmonary fibrosis injury.

Mid-to-late stage diquat accumulation in the central nervous system: A severe case of oral poisoning.

Mitochondrial DNA is a key driver in cigarette smoke extract-induced IL-6 expression.

Occult paraquat poisoning causing pneumomediastinum and organizing pneumonia.

Cinnamaldehyde as a Promising Dietary Phytochemical Against Metabolic Syndrome: A Systematic Review.

Pesticides and PPCPs in aquatic ecosystems of the andean central region: Occurrence and ecological risk assessment in the Uco valley.

Exploring azomethine ylides reactivity with acrolein through cycloaddition reaction and computational antiviral activity assessment against hepatitis C virus.

Synthetic polyploidization induces enhanced phytochemical profile and biological activities in *Thymus vulgaris* L. essential oil.

African swine fever virus maintains de novo global cellular protein synthesis and inhibits stress granules formation via dephosphorylating eIF2 $\hat{\pm}$.

Baicalin and lung diseases.

"Comparative evaluation of different chemical agents induced Autism Spectrum Disorder in experimental Wistar rats".

ALDH2 deficiency exacerbates MCD-diet induced MASLD by modulating bile acid metabolism.

Regulation of stress granule formation in human oligodendrocytes.

Self-heating mitochondrion-induced free radical blast for immunogenic cell death stimulation and HCC immunotherapy.

Luteolin Is a Potential Immunomodulating Natural Compound against Pulpal Inflammation.

Switching from zonisamide to perampanel improved the frequency of seizures caused by hyperthermia in Dravet syndrome: a case report.

Prenatal treprostinil improves pulmonary arteriolar hypermuscularization in the rabbit model of congenital diaphragmatic hernia.

Inhibition of the urea cycle by the environmental contaminant 2,3,7,8-tetrachlorodibenzo-p-dioxin increases serum ammonia levels in mice.

Synergistic pervaporation dehydration of ethanol/water mixture: Exploring the potential of a covalently designed hybrid membrane structure of polyacrylic acid grafted carbon nitride and polyvinyl alcohol.

Glufosinate-ammonium causes liver injury in zebrafish by blocking the Nrf2 pathway.

Mitochondria-targeted Uncouplers Decrease Inflammatory Reactions in Endothelial Cells by Enhancing Methylation of the ICAM1 Gene Promoter.

Identification of *Mycobacterium tuberculosis* transcriptional repressor EthR inhibitors: Shape-based search and machine learning studies.

Identification of novel potential drugs for the treatment and prevention of osteoarthritis.

The uses of zebrafish (*Danio rerio*) as an in vivo model for toxicological studies: A review based on bibliometrics.

Zinc lactate alleviates oxidative stress by modulating crosstalk between constitutive androstane receptor signaling pathway and gut microbiota profile in weaned piglets.

Nanocellulose-Based Ecofriendly Nanocomposite for Effective Wastewater Remediation: A Study on Its Process Optimization, Improved Swelling, Adsorption, and Thermal and Mechanical Behavior.

The exposure in ovo to glyphosate on the integrity of intestinal epithelial tight junctions of chicks.

Geniposide from Gardeniae Fructus exerts antipyretic effect in febrile rats through modulating the TLR4/NF- κ B signaling pathway.

MAPK/NF- κ B signaling mediates atrazine-induced cardiorenal syndrome and antagonism of lycopene.

Curative effects of tectochrysin on paraquat-instigated testicular toxicity in rats: A biochemical and histopathological based study.

Toxicogenomics of the C-C chemokine receptor type 5 (CCR5): Exploring the potential impacts of chemical-CCR5 interactions on inflammation and human health.

Pesticide use and inflammatory bowel disease in licensed pesticide applicators and spouses in the Agricultural Health Study.

Assessing and mitigating foodborne acetochlor exposure induced ileum toxicity in broiler chicks: The role of omega-3 polyunsaturated fatty acids supplementation and molecular pathways analysis.

TCDD and CH223191 Alter T Cell Balance but Fail to Induce Anti-Inflammatory Response in Adult Lupus Mice.

Influence of triazines and lipopolysaccharide coexposure on inflammatory response and histopathological changes in the testis and liver of BalB/c mice.

Aldo-keto reductase 1B10 as a Carcinogenic but Not a Prognostic Factor in Colorectal Cancer.

Vitellin/Vitellogenin Is an Important Allergen in German Cockroach.

Correction: Glyphosate infiltrates the brain and increases pro-inflammatory cytokine TNF α : implications for neurodegenerative disorders.

Cardiac Radiofrequency Ablation Exacerbates Myocardial Injury through Pro-Inflammatory Response and Pro-Oxidative Stress in Elderly Patients with Persistent Atrial Fibrillation.

Zingerone attenuates sciatic nerve damage caused by sodium arsenite by inhibiting NF- κ B, caspase-3, and ATF-6/CHOP pathways and activating the Akt2/FOXO1 pathway.

TRPA1 as a promising target in ischemia/reperfusion: A comprehensive review.

Association between combined exposure to dioxins and arthritis among US adults: a cross-sectional study.

Persistent Neutrophil Infiltration and Unique Ocular Surface Microbiome Typify Dupilumab-Associated Conjunctivitis in Patients with Atopic Dermatitis.

Neuroprotective responses of quercetin in regulation of biochemical, structural, and neurobehavioral effects in 28-day oral exposure of iron in rats.

Hydrogen cyanamide exposure: a case series from Pavia Poison Control Centre.

Modifying effects of 2,4-D and Glyphosate exposures on gut-liver-adipose tissue axis of diet-induced non-alcoholic fatty liver disease in mice.

Involvement of glyphosate in disruption of biotransformation P450 enzymes and hepatic lipid metabolism in chicken.

The effects of metallothionein in paraquat-induced Parkinson disease model of zebrafish.

Mutagenicity, hepatotoxicity, and neurotoxicity of glyphosate and fipronil commercial formulations in Amazon turtles neonates (*Podocnemis expansa*).

The effects of *Crocus sativus* extract on inhaled paraquat-induced lung inflammation, oxidative stress, pathological changes and tracheal responsiveness in rats.

Molecular mechanism of paraquat-induced ferroptosis leading to pulmonary fibrosis mediated by Keap1/Nrf2 signaling pathway.

Effects of glyphosate exposure on western diet-induced non-alcoholic fatty liver disease in mice.

Toxic effects of benfluralin on zebrafish embryogenesis via the accumulation of reactive oxygen species and apoptosis.

Zinc Oxide Nanoparticles and Vitamin C Ameliorate Atrazine-Induced Hepatic Apoptosis in Rat via CYP450s/ROS Pathway and Immunomodulation.

Voluntary wheel-running improved pulmonary fibrosis by reducing epithelial mesenchymal transformation.

Dual-Hit: Glyphosate exposure at NOAEL level negatively impacts birth and glia-behavioural measures in heterozygous shank3 mutants.

2,4-dichlorophenoxyacetic acid (2,4-D) exposure during postnatal development alters the effects of western diet on mouse prostate.

Toxicological effects of ocular acrolein exposure to eyelids in rabbits in vivo.

Plantain-based diet decreases oxidative stress and inflammatory markers in the testes of rats exposed to atrazine.

The diabetogenic effects of pesticides: Evidence based on epidemiological and toxicological studies.

Synergistic toxicity of 2,4-dichlorophenoxyacetic acid and arsenic alters biomarkers in rats.

Transient Receptor Potential Ankyrin 1 (TRPA1) Channel Mediates Acrolein Cytotoxicity in Human Lung Cancer Cells.

The role of acrolein for E-cigarette vapour condensate mediated activation of NADPH oxidase in cultured endothelial cells and macrophages.

Immunotoxicity of relevant mixtures of pesticides and metabolites on THP-1 cells.

Chlorogenic acid protective effects on paraquat-induced pulmonary oxidative damage and fibrosis in rats.

Sex-specific respiratory and systemic endocrine effects of acute acrolein and trichloroethylene inhalation.

Low-dose glyphosate exposure alters gut microbiota composition and modulates gut homeostasis.

Evaluation of nano-curcumin against inhaled paraquat-induced lung injury in rats.

Nitric oxide-mediated the therapeutic properties of induced pluripotent stem cell for paraquat-induced acute lung injury.

Melatonin ameliorates acute lung injury caused by paraquat poisoning by promoting PINK1 and BNIP3 expression.

Prepubertal to adulthood exposure to low doses of glyphosate-based herbicide increases the expression of the Havcr1 (Kim1) biomarker and causes mild kidney alterations.

Xylopi *aethiopia* suppresses markers of oxidative stress, inflammation, and cell death in the brain of Wistar rats exposed to glyphosate.

Paraquat-induced systemic inflammation and oxidative stress in rats improved by *Curcuma longa* ethanolic extract, curcumin and a PPAR agonist.

Predicting structural features of selected flavonoids responsible for neuroprotection in a *Drosophila* model of Parkinson's disease.

Prolonged exposure to the herbicide atrazine promotes kidney fibrosis by activating Wnt/ β -catenin signaling in rats.

Adhesion Molecules in Lung Inflammation from Repeated Glyphosate Exposures.

Role of NF- κ B/IL-1 β Pathway and Caspase 3 in Mediating the Hepatoprotective Effect of Rutin against Paraquat-Induced Liver Toxicity in Male Rats.

Impact of sub-acute acrolein inhalation on the molecular regulation of mitochondrial metabolism in rat lung.

Tannin alleviates glyphosate exposure-induced apoptosis, necrosis and immune dysfunction in hepatic L8824 cell line by inhibiting ROS/PTEN/PI3K/AKT pathway.

Exposure to the herbicide fluridone induces cardiovascular toxicity in early developmental stages of zebrafish.

Perinatal exposure to high concentration glyphosate-based herbicides induces intestinal apoptosis by activating endoplasmic reticulum stress in offspring.

The Tobacco Smoke Component, Acrolein, as a Major Culprit in Lung Diseases and Respiratory Cancers: Molecular Mechanisms of Acrolein Cytotoxic Activity.

Cyhalofop-butyl exposure induces the severe hepatotoxicity and immunotoxicity in zebrafish embryos.

Effects of dietary supplementation with chlorogenic acid on growth performance, antioxidant capacity, and hepatic inflammation in broiler chickens subjected to diquat-induced oxidative stress.

Behavioral and neuroinflammatory changes caused by glyphosate: Base herbicide in mice offspring.

Integrin Mac1 mediates paraquat and maneb-induced learning and memory impairments in mice through NADPH oxidase-NLRP3 inflammasome axis-dependent microglial activation.

Single-cell transcriptome analysis reveals liver injury induced by glyphosate in mice.

Dimethyl fumarate attenuates paraquat-induced pulmonary oxidative stress, inflammation and fibrosis in mice.

Glyphosate based-herbicide disrupts energy metabolism and activates inflammatory response through oxidative stress in mice liver.

Mitigating effect of L-carnitine against atrazine-induced hepatotoxicity: histopathological and biochemical analyses in albino rats.

Dietary myricetin assuages atrazine-mediated hypothalamic-pituitary-testicular axis dysfunction in rats.

Effect of zinc supplementation on immunotoxicity induced by subchronic oral exposure to glyphosate-based herbicide (GOBARA®) in Wistar rats.

Ecogenotoxicity of environmentally relevant atrazine concentrations: A threat to aquatic bioindicators.

Glyphosate-based herbicide (GBH) causes damage in embryo-larval stages of zebrafish (*Danio rerio*).

HIF-1 α promotes paraquat induced acute lung injury and implicates a role NF- κ B and Rac2 activity.

Disturbance of cellular calcium homeostasis plays a pivotal role in glyphosate-based herbicide-induced oxidative stress.

Cryptotanshinone protects against oxidative stress in the paraquat-induced Parkinson's disease model.

Synergistic toxicity of ethanol and 2,4-dichlorophenoxyacetic acid enhances oxidant status, DNA damage, inflammation, and apoptosis in rats.

Suppressor of cytokine signaling 3-derived peptide as a therapeutic for inflammatory and oxidative stress-induced damage to the retina.

Exposure to Agent Orange and Hepatocellular Carcinoma Among US Military Personnel.

Glyphosate-induced glioblastoma cell proliferation: Unraveling the interplay of oxidative, inflammatory, proliferative, and survival signaling pathways.

Effects of glyphosate exposure on gut-liver axis: Metabolomic and mechanistic analysis in grass carp (*Ctenopharyngodon idellus*).

Study on the therapeutic effect of glucocorticoids on acute kidney injury in rats exposed to diquat.

Acrolein produced by glioma cells under hypoxia inhibits neutrophil AKT activity and suppresses anti-tumoral activities.

Clinical and pathological characteristics of acute kidney injury caused by diquat poisoning.

Hydralazine Promotes Central Nervous System Recovery after Spinal Cord Injury by Suppressing Oxidative Stress and Inflammation through Macrophage Regulation.

Soluble thrombomodulin alleviates Diquat-induced acute kidney injury by inhibiting the HMGB1/IL-1 β /NF- κ B signalling pathway.

The contribution of initial concussive forces and resulting acrolein surge to β -amyloid accumulation and functional alterations in neuronal networks using a TBI-on-a-chip model.

TRPA1 deficiency aggravates dilated cardiomyopathy by promoting S100A8 expression to induce M1 macrophage polarization in rats.

Trehalose prevents glyphosate-induced hepatic steatosis in roosters by activating the Nrf2 pathway and inhibiting NLRP3 inflammasome activation.

Hydralazine plays an immunomodulation role of pro-regeneration in a mouse model of spinal cord injury.

Inactivation of microglia dampens blood-brain barrier permeability and loss of dopaminergic neurons in paraquat-lesioned mice.

Sensitization of GSH synthesis by curcumin curtails acrolein-induced alveolar epithelial apoptosis via Keap1 cysteine conjugation: A randomized controlled trial and experimental animal model of pneumonitis.

Association of Lifetime Exposure to Glyphosate and Aminomethylphosphonic Acid (AMPA) with Liver Inflammation and Metabolic Syndrome at Young Adulthood: Findings from the CHAMACOS Study.

Inhibition of soluble epoxide hydrolase reduces paraquat neurotoxicity in rodents.

[Effect of pirfenidone on paraquat-induced pulmonary fibrosis in rats].

[Effects of Nintedanib associated with Shenfu Injection on paraquat-induced lung injury in rats].

Quantitation by Liquid Chromatography-Nanoelectrospray Ionization-High-Resolution Tandem Mass Spectrometry of Multiple DNA Adducts Related to Cigarette Smoking in Oral Cells in the Shanghai Cohort Study.

Organotin and organochlorine toxicants activate key translational regulatory proteins in human immune cells.

Clinical and pathological characteristics of diquat poisoning-related acute kidney injury.

Ethylfluralin induces developmental toxicity in zebrafish via oxidative stress and inflammation.

Arsenic exposure and prevalence of human papillomavirus in the US male population.

Sciadopitysin mitigates spermatological and testicular damage instigated by paraquat administration in male albino rats.

Polyamine-Derived Aminoaldehydes and Acrolein: Cytotoxicity, Reactivity and Analysis of the Induced Protein Modifications.

The herbicide glyphosate inhibits hippocampal long-term potentiation and learning through activation of pro-inflammatory signaling.

Teratogenic effects of the dicamba herbicide in Zebrafish (*Danio rerio*) embryos.

Opinion: "High-Dose Immunosuppression to Prevent Death after Paraquat Self-Poisoning"- Under Estimation of a Significant Effect with Small Mortality Rate Reduction.

Ovaries of guppies (*Poecilia reticulata*) investigated in pre-embryonic, embryonic and post-embryonic stages after exposure to maghemite nanoparticles ($\gamma\text{-Fe(2)O(3)}$) associated with Roundup[®] and glyphosate, followed by recovery period evaluation.

Molecular and behavioral toxicity assessment of tiafenacil, a novel PPO-inhibiting herbicide, in zebrafish embryos/larvae.

Developmental toxicity of prometryn induces mitochondrial dysfunction, oxidative stress, and failure of organogenesis in zebrafish (*Danio rerio*).

Pharmacokinetic and Permeation Studies in Rat Brain of Natural Compounds Led to Investigate Eugenol as Direct Activator of Dopamine Release in PC12 Cells.

Chaenomeles sinensis polysaccharide and its carboxymethylated derivative alleviate dextran sulfate sodium-induced ulcerative colitis via suppression of inflammation and oxidative stress.

Untargeted serum metabolomics reveals novel metabolite associations and disruptions in amino acid and lipid metabolism in Parkinson's disease.

Inflammation and cardiometabolic diseases induced by persistent organic pollutants and nutritional interventions: Effects of multi-organ interactions.

Environmental Toxicant Exposure Paralyzes Human Placental Macrophage Responses to Microbial Threat.

Terbutylazine exposure induces innate immune response and inflammation through activating cGAS-STING/NF- κ B pathway in myocardium of broiler chicken (*Gallus gallus*).

Nephroprotective effect of diosmin against sodium arsenite-induced renal toxicity is mediated via attenuation of oxidative stress and inflammation in mice.

Arsenic induces metabolome remodeling in mature human adipocytes.

Apply Anticoagulants after Discharge not Benefit to the Incidence of Symptomatic Thrombus in High-Altitude Areas: A Retrospective Study.

Airway Injury Caused by Aspiration of Iron Sulfate Pills: A Series of 11 Cases.

Oxidative stress contributes to flumioxazin-induced cardiotoxicity in zebrafish embryos.

Metformin alleviates sodium arsenite-induced hepatotoxicity and glucose intolerance in mice by suppressing oxidative stress, inflammation, and apoptosis.

Anti-inflammatory effects of antenatal administration of stem cell derived extracellular vesicles in the brain of rat fetuses with congenital diaphragmatic hernia.

High-Soluble-Fiber Diet Attenuates Hypoxia-Induced Vascular Remodeling and the Development of Hypoxic Pulmonary Hypertension.

Dysregulated meta-organismal metabolism of aromatic amino acids in alcohol-associated liver disease.

Phloretin as an add-on therapy to losartan attenuates diabetes-induced AKI in rats: A potential therapeutic approach targeting TLR4-induced inflammation.

Overactivated Epithelial NF- κ B Disrupts Lung Development in Congenital Diaphragmatic Hernia.

The Use of Multiple Biomarkers to Assess the Health of Anuran Amphibians in the Brazilian Cerrado Savanna: An Ecotoxicological Approach.

Knockdown of IL4I1 Improved High Glucose-evoked Insulin Resistance in HepG2 Cells by Alleviating Inflammation and Lipotoxicity Through AHR Activation.

A *Cryptosporidium parvum* vaccine candidate effect on immunohistochemical profiling of CD4(+), CD8(+), Caspase-3 and NF- κ B in mice.

Effect of Long-Term Low-Dose Arsenic Exposure on DNA Methylation and Gene Expression in Human Liver Cells.

Exposure to bromoxynil octanoate herbicide induces oxidative stress, inflammation, and apoptosis in testicular tissue via modulating NF- κ B pathway.

Gene deletion of long-chain acyl-CoA synthetase 4 attenuates xenobiotic chemical-induced lung injury via the suppression of lipid peroxidation.

Resveratrol and 3,3'-Diindolylmethane Differentially Regulate Aryl Hydrocarbon Receptor and Estrogen Receptor Alpha Activity through Multiple Transcriptomic Targets in MCF-7 Human Breast Cancer Cells.

2,4-Dinitrophenol does not exert neuro-regenerative potential in experimental autoimmune neuritis.

Human Preadipocytes Differentiated under Hypoxia following PCB126 Exposure during Proliferation: Effects on Differentiation, Glucose Uptake and Adipokine Profile.

Epidural Injection of Harpagoside for the Recovery of Rats with Lumbar Spinal Stenosis.

Precision modulation of dysbiotic adult microbiomes with a human-milk-derived synbiotic reshapes gut microbial composition and metabolites.

Antimicrobial effect of oral care gel containing hinokitiol and 4-isopropyl-3-methylphenol against intraoral pathogenic microorganisms.

Alterations in interleukin-1 β and nuclear factor kappa beta activity (NF- κ B) in rat liver due to the co-exposure of Cadmium and Arsenic: Protective role of curcumin.

CKBA suppresses mast cell activation via ERK signaling pathway in murine atopic dermatitis.

Endocrine-disrupting chemicals and autoimmune diseases.

Molinate induces organ defects by promoting apoptosis, inflammation, and endoplasmic reticulum stress during the developmental stage of zebrafish.

Glycopolymer-based multifunctional antibacterial hydrogel dressings for accelerating cutaneous wound healing.

Exposome epidemiology for suspect environmental chemical exposures during pregnancy linked to subsequent breast cancer diagnosis.

Hepatoprotective and anti-hyperglycemic effects of ferulic acid in arsenic-exposed mice.

Is exposure to chemical pollutants associated with sleep outcomes? A systematic review.

Aryl hydrocarbon receptor (AHR): Towards understanding intestinal microbial ligands including vitamin B12 and folic acid as natural antagonists.

Establishment and characterization of Yellow River carp (*Cyprinus carpio haematopterus*) muscle cell line and its application to fish virology and immunology.

Is a Lower Dose of More Bioavailable Iron (18-mg Ferrous Bisglycinate) Noninferior to 60-mg Ferrous Sulfate in Increasing Ferritin Concentrations While Reducing Gut Inflammation and Enteropathogen Detection in Cambodian Women? A Randomized Controlled Noninferiority Trial.

Ultra-stretchable, tissue-adhesive, shape-adaptive, self-healing, on-demand removable hydrogel dressings with multiple functions for infected wound healing in regions of high mobility.

Proteomic Profiling of Hypoplastic Lungs Suggests an Underlying Inflammatory Response in the Pathogenesis of Abnormal Lung Development in Congenital Diaphragmatic Hernia.

Untargeted Multiomics Approach Coupling Lipidomics and Metabolomics Profiling Reveals New Insights in Diabetic Retinopathy.

TCDD dysregulation of lncRNA expression, liver zonation and intercellular communication across the liver lobule.

Impact of the pentose phosphate pathway on metabolism and pathogenesis of *Staphylococcus aureus*.

Resveratrol ameliorates ortho- polychlorinated biphenyls' induced toxicity in ovary cells.

Torseamide increases arsenic concentrations by inhibition of multidrug resistance protein 4 in arsenic trioxide treated acute promyelocytic leukemia patients.

Diosmin exerts hepatoprotective and antihyperglycemic effects against sodium arsenite-induced toxicity through the modulation of oxidative stress and inflammation in mice.

Durvillaea antarctica: A Seaweed for Enhancing Immune and Cardiometabolic Health and Gut Microbiota Composition Modulation.

Cystine/Glutamate Xc(-) Antiporter Induction Compensates for Transsulfuration Pathway Repression by 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) to Ensure Cysteine for Hepatic Glutathione Biosynthesis.

Single-cell transcriptomic profiling of microvascular endothelial cell heterogeneity in congenital diaphragmatic hernia.

Development of a novel PET ligand, [(11)C]GO289 targeting CK2 expressed in the brain.

Possible Effects of Uremic Toxins p-Cresol, Indoxyl Sulfate, p-Cresyl Sulfate on the Development and Progression of Colon Cancer in Patients with Chronic Renal Failure.

Nephroprotective Effects of Selenium Nanoparticles Against Sodium Arsenite-Induced Damages.

Concomitant inhibition of TLR-4 and SGLT2 by phloretin and empagliflozin prevents diabetes-associated ischemic acute kidney injury.

Disruption of the mouse liver epitranscriptome by long-term aroclor 1260 exposure.

Carvacrol reduces abnormal and dead sperm counts by attenuating sodium arsenite-induced oxidative stress, inflammation, apoptosis, and autophagy in the testicular tissues of rats.

The effect of *Alnus incana* (L.) Moench extracts in ameliorating iron overload-induced hepatotoxicity in male albino rats.

Serum Levels of Indoxyl Sulfate and P-cresol in Type II Diabetic Patients With and Without Nephropathy.

Citicoline ameliorates arsenic-induced hepatotoxicity and diabetes in mice by overexpression of VAMP2, PPAR- β , As3MT, and SIRT3.

Effect of the probiotic strain, *Lactiplantibacillus plantarum* P9, on chronic constipation: A randomized, double-blind, placebo-controlled study.

A Tracheal Aspirate-derived Airway Basal Cell Model Reveals a Proinflammatory Epithelial Defect in Congenital Diaphragmatic Hernia.

Thioredoxin A of *Streptococcus suis* Serotype 2 Contributes to Virulence by Inhibiting the Expression of Pentraxin 3 to Promote Survival Within Macrophages.

Zingerone reduces sodium arsenite-induced nephrotoxicity by regulating oxidative stress, inflammation, apoptosis and histopathological changes.

NOX1 is essential for TNF α -induced intestinal epithelial ROS secretion and inhibits M cell signatures.

Consequences of reprogramming acetyl-CoA metabolism by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the mouse liver.

Ifosfamide - History, efficacy, toxicity and encephalopathy.

Acetaldehyde dehydrogenase 2 activation attenuates sepsis-induced brain injury through NLRP3 inflammasome regulation.

The capsaicinoid nonivamide suppresses the inflammatory response and attenuates the progression of steatosis in a NAFLD-rat model.

A Paternal Fish Oil Diet Preconception Reduces Lung Inflammation in a Toxicant-Driven Murine Model of New Bronchopulmonary Dysplasia.

Adverse health effects of emerging contaminants on inflammatory bowel disease.

Role of Astrocytes in Parkinson's Disease Associated with Genetic Mutations and Neurotoxicants.

NKG2D Ligand Expression Induced by Oxidative Stress Mitigates Cutaneous Ischemia-Reperfusion Injury.

Mechanistic insights on the possible protective role of polyphenols extracted from *Tamarix aphylla* aerial parts against sodium arsenite-induced hepatotoxicity in rats.

Single-cell transcriptomics shows dose-dependent disruption of hepatic zonation by TCDD in mice.

Antibacterial Activity of Peptide Derivatives of Phosphinothricin against Multidrug-Resistant *Klebsiella pneumoniae*.

Supplementation with sesame oil suppresses genotoxicity, hepatotoxicity and enterotoxicity induced by sodium arsenite in rats.

Diagnostic biomarker panels of osteoarthritis: UPLC-QToF/MS-based serum metabolic profiling.

Prion Protein Overexpression in Adipose-Derived Mesenchymal Stem Cells (ADMSCs) Effectively Protected Rodent Kidney Against Ischemia-Reperfusion Injury Via Enhancing ATP/Mitochondrial Biogenesis-Role of ADMSC Rejuvenation and Proliferation.

[Clinical case report of acute dinitrophenol poisoning with a fatal outcome of Udmurt Republic].

Effectiveness of curcumin-based antimicrobial photodynamic therapy against *Staphylococcus aureus*.

DPP4 Inhibitor Sitagliptin Reduces Inflammatory Responses and Mast Cell Activation in Allergic Rhinitis.

Endocrine disruptors and endometriosis.

On-Demand Removable Self-Healing and pH-Responsive Europium-Releasing Adhesive Dressing Enables Inflammatory Microenvironment Modulation and Angiogenesis for Diabetic Wound Healing.

Multi-omics reveals diet-induced metabolic disorders and liver inflammation via microbiota-gut-liver axis.

Betaine protects against sodium arsenite-induced diabetes and hepatotoxicity in mice.

Elucidations of Molecular Mechanism and Mechanistic Effects of Environmental Toxicants in Neurological Disorders.

Exosomes released by environmental pollutant-stimulated Keratinocytes/PBMCs can trigger psoriatic inflammation in recipient cells via the AhR signaling pathway.

Club Cells-A Guardian against Occupational Hazards.

Ginkgo Biloba Extract Can Antagonize Subchronic Arsenite Exposure-Induced Hepatocyte Senescence by Inhibiting Oxidative Damage and Inflammation in Rats.

Dysregulation of immunity by cigarette smoking promotes inflammation and cancer: A review.

Insight into the emerging and common experimental in-vivo models of Alzheimer's disease.

Pan msr gene deleted strain of Salmonella Typhimurium suffers oxidative stress, depicts macromolecular damage and attenuated virulence.

Development and validation of chemometric-assisted spectrophotometric models for efficient quantitation of a binary mixture of supportive treatments in COVID-19 in the presence of its toxic impurities: a comparative study for eco-friendly assessment.

Indoor metabolites and chemicals outperform microbiome in classifying childhood asthma and allergic rhinitis.

Uroprotective Potential of Campesterol in Cyclophosphamide Induced Interstitial Cystitis; Molecular Docking Studies.

Ultrasonic neural regulation over two-dimensional graphene analog biomaterials: Enhanced PC12 cell differentiation under diverse ultrasound excitation.

How single-cell transcriptomics provides insight on hepatic responses to TCDD.

Paraquat induced acute kidney and lung injury with a dramatic response to methylprednisolone: A case report.

Carnosine synthase deficiency aggravates neuroinflammation in multiple sclerosis.

Developmental toxicity and estrogenicity of glyphosate in zebrafish in vivo and in silico studies.

Impact of endocrine disruptors on peripheral blood mononuclear cells in vitro: role of gender.

Differential transcriptomic alterations in nasal versus lung tissue of acrolein-exposed rats.

New Insight of Scaffold Based on Hydroxyapatite (HAp)/Bacteria's Nanocellulose (BN) for Dental Tissue Engineering.

Metabolic Pathways for Removing Reactive Aldehydes are Diminished in Atrophic Muscle During Heart Failure.

Resveratrol Attenuates 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Mediated Induction of Myeloid-Derived Suppressor Cells (MDSC) and Their Functions.

Effect of Hydralazine on Angiotensin II-Induced Abdominal Aortic Aneurysm in Apolipoprotein E-Deficient Mice.

Epidemiology and etiology of diffuse large B-cell lymphoma.

Mild Oxidative Stress Induced by Sodium Arsenite Reduces Lipocalin-2 Expression Levels in Cortical Glial Cells.

Dimethenamid promotes oxidative stress and apoptosis leading to cardiovascular, hepatic, and pancreatic toxicities in zebrafish embryo.

Nilotinib alleviates paraquat-induced hepatic and pulmonary injury in rats via the Nrf2/Nf-kB axis.

Gut Microbiota and Its Role in the Brain-Gut-Kidney Axis in Hypertension.

A Review on the Role of Phytoconstituents Chrysin on the Protective Effect on Liver and Kidney.

2,4-Dichlorophenoxyacetic Acid Induces Degeneration of mDA Neurons In Vitro.

Changes in Whole Blood Polyamine Levels and Their Background in Age-Related Diseases and Healthy Longevity.

Autoantibodies to beta tubulin in autoimmune liver diseases - relation to pANCA and clinical relevance.

Acute paraquat poisoning complicated by acute kidney injury and lung fibrosis: a case report from Nepal.

Carbonyl cyanide-4-(trifluoromethoxy)phenylhydrazone-induced toxicities in rats: comparative study with other mitochondrial uncouplers (2,4-dinitrophenol, OPC-163493 and tolcapone).

Role of NRF2 and reactive aldehydes in acute cellular rejection in liver transplant recipients.

Ferroptosis contributes to cyclophosphamide-induced hemorrhagic cystitis.

Biliverdin as a disease-modifying agent: An integrated viewpoint.

Terbutryn causes developmental toxicity in zebrafish (*Danio rerio*) via apoptosis and major organ malformation in the early stages of embryogenesis.

Effect of Intestinal Flora on Hyperuricemia-Induced Chronic Kidney Injury in Type 2 Diabetic Patients and the Therapeutic Mechanism of New Anti-Diabetic Prescription Medications.

Single and combined effects of polyethylene microplastics and acetochlor on accumulation and intestinal toxicity of zebrafish (*Danio rerio*).

Co-administration of L-Ascorbic Acid and α -Tocopherol Alleviates Arsenic-Induced Immunotoxicities in the Thymus and Spleen by Dwindling Oxidative Stress-Induced Inflammation.

Chronic Interstitial Nephritis in Agricultural Communities: Observational and Mechanistic Evidence Supporting the Role of Nephrotoxic Agrochemicals.

Protective potential effects of hydroalcoholic extract of *Teucrium polium* L. (Lamiaceae) against paraquat-induced lung fibrosis: An experimental study in rats.

Acetobacter pasteurianus BP2201 alleviates alcohol-induced hepatic and neuro-toxicity and modulate gut microbiota in mice.

Fluchloralin induces developmental toxicity in heart, liver, and nervous system during early zebrafish embryogenesis.

Uro-protective role of chrysin against cyclophosphamide-induced hemorrhagic cystitis in rats involving the turning-off NF- κ B/P38-MAPK, NO/PARP-1 and STAT-3 signaling cascades.

Increased anti-oxidative action compensates for collagen tissue degeneration in vitiligo dermis.

Controllable-Swelling Microneedle-Assisted Ultrasensitive Paper Sensing Platforms for Personal Health Monitoring.

Iron pill aspiration syndrome: A case report and literature review.

Effects of Prometryn Exposure on Hepatopancreas Oxidative Stress and Intestinal Flora in *Eriocheir sinensis* (Crustacea: Decapoda).

Case report: Occupational poisoning incident from a leak of chloroacetyl chloride in Jinan, Shandong, China.

Corrigendum to "Paraquat exposure induces Parkinsonism by altering lipid profile and evoking neuroinflammation in the midbrain" [Environ. Int. 169 (2022) 107512].

[8] and [10]-Gingerol reduces urothelial damage in ifosfamide-induced hemorrhagic cystitis via JAK/STAT/FOXO signaling pathway via IL-10.

Prevention of DSS-induced colitis in mice with water kefir microbiota via anti-inflammatory and microbiota-balancing activity.

Untargeted Analysis of Serum Metabolomes in Dogs with Exocrine Pancreatic Insufficiency.

Iron-rich *Candida utilis* improves intestinal health in weanling piglets.

The regulation of TRPA1 expression and function by Th1 and Th2-type inflammation in human A549 lung epithelial cells.

Protein adducts with lipid peroxidation products in patients with psoriasis.

E-cigarette effects on vascular function in animals and humans.

Exposure to low-dose arsenic caused teratogenicity and upregulation of proinflammatory cytokines in zebrafish embryos.

RNA-binding proteins that are highly expressed and enriched in healthy cartilage but suppressed in osteoarthritis.

Exposome Epidemiology for Suspect Environmental Chemical Exposures during Pregnancy Linked to Subsequent Breast Cancer Diagnosis.

The exposure to volatile organic chemicals associates positively with rheumatoid arthritis: a cross-sectional study from the NHANES program.

Long-term exposure to arsenic in drinking water leads to myocardial damage by oxidative stress and reduction in NO.

Human amnion-derived mesenchymal stem cells attenuate acute lung injury in two different acute lung injury mice models.

The herbicides glyphosate and glufosinate and the cyanotoxin Î²-N-methylamino-l-alanine induce long-term motor disorders following postnatal exposure: the importance of prior asymptomatic maternal inflammatory sensitization.

Diagnostic Dilemma in Fatal Paraquat Poisoning: An Autopsy Case Report.

Dissecting the effects of paraquat-induced pulmonary injury in rats using UPLC-Q-TOF-MS/MS-based metabolomics.

Resveratrol inhibits AhR/Notch axis and reverses Th17/Treg imbalance in purpura by activating Foxp3.

In-situ synchrotron imaging, experimental, and computational investigations on the efficiency of *Trametes versicolor* laccase on detoxification of P-Cresyl Sulfate (PCS) Protein Bound Uremic Toxin (PBUT).

Modulating AHR function offers exciting therapeutic potential in gut immunity and inflammation.

Stevioside Improves Antioxidant Capacity and Intestinal Barrier Function while Attenuating Inflammation and Apoptosis by Regulating the NF- κ B/MAPK Pathways in Diquat-Induced Oxidative Stress of IPEC-J2 Cells.

The herbicide glyphosate inhibits hippocampal long-term potentiation and learning through activation of pro-inflammatory signaling.

Induction of Axillary Bud Swelling of *Hevea brasiliensis* to Regenerate Plants through Somatic Embryogenesis and Analysis of Genetic Stability.

Enhancing Immune Protection in Hemodialysis Patients: Role of the Polymethyl Methacrylate Membrane.

Pretreatment of ellagic acid protects ifosfamide-induced acute nephrotoxicity in rat kidneys: A mitochondrial, histopathological and oxidative stress approaches.

Abscisic Acid Inhibits Cortical Microtubules Reorganization and Enhances Ultraviolet-B Tolerance in *Arabidopsis thaliana*.

Route of Arsenic Exposure Differentially Impacts the Expression of Genes Involved in Gut-Mucosa-Associated Immune Responses and Gastrointestinal Permeability.

Endometriosis: Update of Pathophysiology, (Epi) Genetic and Environmental Involvement.

Neuroprotective properties of borax against aluminum hydroxide-induced neurotoxicity: Possible role of Nrf-2/BDNF/AChE pathways in fish brain.

Associations between residential volatile organic compound exposures and liver injury markers: The role of biological sex and race.

Molecular and Biochemical Evidence of the Toxic Effects of Terbutylazine and Malathion in Zebrafish.

A Nomogram for Early Diagnosis of Community-Acquired Pneumonia Based on Bronchoalveolar Lavage Fluid Metabolomics.

AhR-mediated lipid peroxidation contributes to TCDD-induced cardiac defects in zebrafish.

Microbial Virulence Factors, Antimicrobial Resistance Genes, Metabolites, and Synthetic Chemicals in Cabins of Commercial Aircraft.

Effects of the Vitamin D3 on Alleviating the Oxidative Stress Induced by Diquat in Wenchang Chickens.

Could Vitamins Have a Positive Impact on the Treatment of Parkinson's Disease?

Absorption and Transport Mechanism of Red Meat-Derived N-glycolylneuraminic Acid and Its Damage to Intestinal Barrier Function through the NF- κ B Signaling Pathway.

Changes of Gut Microbiome in Adolescent Patients with Chronic Spontaneous Urticaria After Omalizumab Treatment.

Optimization of the Process for Preparing Bivalent Polysaccharide Conjugates to Develop Multivalent Conjugate Vaccines against *Streptococcus pneumoniae* or *Neisseria meningitidis* and Comparison with the Corresponding Licensed Vaccines in Animal Models.

Production and Anti-Inflammatory Performance of PVA Hydrogels Loaded with Curcumin Encapsulated in Octenyl Succinic Anhydride Modified Schizophyllan as Wound Dressings.

A Comparative Study on the Effects of the Lysine Reagent Pyridoxal 5-Phosphate and Some Thiol Reagents in Opening the TI(+)-Induced Mitochondrial Permeability Transition Pore.

Protective effects of zingerone against sodium arsenite-induced lung toxicity: A multi-biomarker approach.

Gestational arsenic exposure induces anxiety-like behaviors in F1 female mice by dysregulation of neurological and immunological markers.

Andrographolide alleviates paraquat-induced acute lung injury by activating the Nrf2/HO-1 pathway.

Mutual promotion of mitochondrial fission and oxidative stress contributes to mitochondrial-DNA-mediated inflammation and epithelial-mesenchymal transition in paraquat-induced pulmonary fibrosis.

Andrographolide-based potential anti-inflammatory transcription inhibitors against nuclear factor NF- κ B p50 subunit (NF- κ B p50): an integrated molecular and quantum mechanical approach.

Effects of haloxyfop-p-methyl on the developmental toxicity, neurotoxicity, and immunotoxicity in zebrafish.

Bioactive diterpenoids and sesquiterpenoids with different skeletons from *Salvia digitaloides* Diels.

Miniaturized extraction and determination of swelling agents in fruits and vegetables based on deep eutectic solvent-molecularly imprinted hydrophilic resin.

Glutathione Protects against Paraquat-Induced Oxidative Stress by Regulating Intestinal Barrier, Antioxidant Capacity, and CAR Signaling Pathway in Weaned Piglets.

Amyotrophic Lateral Sclerosis Pathoetiology and Pathophysiology: Roles of Astrocytes, Gut Microbiome, and Muscle Interactions via the Mitochondrial Melatonergic Pathway, with Disruption by Glyphosate-Based Herbicides.

Impact of Glyphosate on the Development of Insulin Resistance in Experimental Diabetic Rats: Role of NF- κ B Signalling Pathways.

Signaling pathways involved in paraquat-induced pulmonary toxicity: Molecular mechanisms and potential therapeutic drugs.

Atrazine exposure induces necroptosis through the P450/ROS pathway and causes inflammation in the gill of common carp (*Cyprinus carpio* L.).

Protective effect of biogenic selenium nanoparticles against diquat-induced acute toxicity via regulation of gut microbiota and its metabolites.

Tannic acid through ROS/TNF- α /TNFR 1 antagonizes atrazine induced apoptosis, programmed necrosis and immune dysfunction of grass carp hepatocytes.

Atrazine-induced oxidative damage via modulating xenobiotic-sensing nuclear receptors and cytochrome P450 systems in cerebrum and antagonism of lycopene.

Comparative assessment of individual and mixture chronic toxicity of glyphosate and glufosinate ammonium on amphibian tadpoles: A multibiomarker approach.

Glyphosate differentially affects the allergic immune response across generations in mice.

Cannabinoid Analogue WIN 55212-2 Protects Paraquat-Induced Lung Injury and Enhances Macrophage M2 Polarization.

YAP1 silencing attenuated lung injury/fibrosis but worsened diaphragmatic function by regulating oxidative stress and inflammation response in mice.

Conservation implications of herbicides on seagrasses: sublethal glyphosate exposure decreases fitness in the endangered *Zostera capensis*.

Identification of environmental factors that promote intestinal inflammation.

Gut dysfunction may be the source of pathological aggregation of alpha-synuclein in the central nervous system through Paraquat exposure in mice.

Perinatal exposure to a glyphosate pesticide formulation induces offspring liver damage.

Paraquat exposure induces Parkinsonism by altering lipid profile and evoking neuroinflammation in the midbrain.

Glyphosate, AMPA and glyphosate-based herbicide exposure leads to GFAP, PCNA and caspase-3 increased immunoreactive area on male offspring rat hypothalamus.

Pathophysiological Changes in Rhesus Monkeys with Paraquat-Induced Pulmonary Fibrosis.

Cyclooxygenase-2 activates the free radical-mediated apoptosis of polymorphonuclear leukocytes in the maneb- and paraquat-intoxicated rats.

Effects of glyphosate on zebrafish: a systematic review and meta-analysis.

Apigenin and apigenin-7, 4'-O-dioctanoate protect against acrolein-aggravated inflammation via inhibiting the activation of NLRP3 inflammasome and HMGB1/MYD88/NF- κ B signaling pathway in Human umbilical vein endothelial cells (HUVEC).

Immunosuppressive therapies attenuate paraquat-induced renal dysfunction by suppressing inflammatory responses and lipid peroxidation.

A dose-related positive effect of inhaled simvastatin-loaded PLGA nanoparticles on paraquat-induced pulmonary fibrosis in rats.

Neurotoxicity of pesticides - A link to neurodegeneration.

Cross-sectional and longitudinal associations of acrolein exposure with pulmonary function alteration: Assessing the potential roles of oxidative DNA damage, inflammation, and pulmonary epithelium injury in a general adult population.

Co-exposure of iron oxide nanoparticles and glyphosate-based herbicide promote liver toxicity in guppy (*Poecilia reticulata*): A histochemical and ultrastructural approach.

Pentachlorophenol mediated regulation of DAMPs and inflammation: In vitro study.

Verbascoside inhibits paraquat-induced pulmonary toxicity via modulating oxidative stress, inflammation, apoptosis and DNA damage in A549 cell.

IL-6/STAT3/Foxo1 axis as a target of lycopene ameliorates the atrazine-induced thymic mitophagy and pyroptosis cross-talk.

[Study on the Protective effect and mechanism of Nicotinamide Riboside on lung injury in paraquat intoxicated mice].

Glyphosate-based herbicides induces autophagy in IPEC-J2 cells and the intervention of N-acetylcysteine.

Glyphosate infiltrates the brain and increases pro-inflammatory cytokine TNF α : implications for neurodegenerative disorders.

Effects of exposure to glyphosate on oxidative stress, inflammation, and lung function in maize farmers, Northern Thailand.

Comparative study of oral versus parenteral crocin in mitigating acrolein-induced lung injury in albino rats.

Ginkgolide C Alleviates Acute Lung Injury Caused by Paraquat Poisoning via Regulating the Nrf2 and NF- κ B Signaling Pathways.

Exposure to glyphosate-based herbicide during early stages of development increases insulin sensitivity and causes liver inflammation in adult mice offspring.

Developmental toxicity of glyphosate on embryo-larval zebrafish (*Danio rerio*).

A review of molecular mechanisms linked to potential renal injury agents in tropical rural farming communities.

2,4-dichlorophenoxyacetic acid induces ROS activation in NLRP3 inflammatory body-induced autophagy disorder in microglia and the protective effect of *Lycium barbarum* polysaccharide.

Toxic Effects of Glyphosate on the Nervous System: A Systematic Review.

Ameliorative effect of N-acetylcysteine on the testicular tissue of adult male albino rats after glyphosate-based herbicide exposure.

Aqueous *Thunbergia laurifolia* leaf extract alleviates paraquat-induced lung injury in rats by inhibiting oxidative stress and inflammation.

Lycopene ameliorates atrazine-induced pyroptosis in spleen by suppressing the Ox-mtDNA/Nlrp3 inflammasome pathway.

[Preliminary study on time-dependent changes of intestinal tract and brain-gut axis in mice model of Parkinson's disease induced by paraquat].

Human Amnion-Derived MSCs Alleviate Acute Lung Injury and Hinder Pulmonary Fibrosis Caused by Paraquat in Rats.

Toxicity of commercial atrazine in *Rattus norvegicus* organs as a function of concentration: histopathological, ultrastructural and hematological evaluation.

Ellagic Acid Alleviates Diquat-Induced Jejunum Oxidative Stress in C57BL/6 Mice through Activating Nrf2 Mediated Signaling Pathway.

Protective effect of dexamethasone against paraquat-triggered toxicity in A549 cells through inhibiting inflammation, apoptosis and TGF- β 1/Smad3 pathway.

Metabolomic and Transcript Analysis Revealed a Sex-Specific Effect of Glyphosate in Zebrafish Liver.

Apiaceous vegetables protect against acrolein-induced pulmonary injuries through modulating hepatic detoxification and inflammation in C57BL/6 male mice.

Acute exposure to paraquat affects the phenotypic differentiation of substantia nigra microglia in rats.

Cardiotoxicity of cyclophosphamide's metabolites: an in vitro metabolomics approach in AC16 human cardiomyocytes.

5-aminosalicylic acid attenuates paraquat-induced lung fibroblast activation and pulmonary fibrosis of rats.

Paraquat mediates BV-2 microglia activation by raising intracellular ROS and inhibiting Akt1 phosphorylation.

The influence of preconditioning with low dose of LPS on paraquat-induced neurotoxicity, microglia activation and expression of α -synuclein and synphilin-1 in the dopaminergic system.

The STING-IRF3 pathway contributes to paraquat-induced acute lung injury.

[Effects on extravascular lung water of lung protective ventilation strategy applied on piglets with acute respiratory distress syndrome induced by paraquat].

Ellagic acid ameliorates paraquat-induced liver injury associated with improved gut microbial profile.

MicroRNA-200b-3p as a biomarker for diagnosis and survival prognosis of multiple organ dysfunction syndrome caused by acute paraquat poisoning.

Assessing sub-lethal effects of the dinitroaniline herbicide pendimethalin in zebrafish embryos/larvae (Danio rerio).

Evaluation of the efficiency of simvastatin loaded PLGA nanoparticles against acute paraquat-intoxicated rats.

Prenatal exposure to paraquat and nanoscaled TiO₂ aerosols alters the gene expression of the developing brain.

The potential risks of herbicide butachlor to immunotoxicity via induction of autophagy and apoptosis in the spleen.

Cinnamaldehyde causes developmental neurotoxicity in zebrafish via the oxidative stress pathway that is rescued by astaxanthin.

Lung transplantation in a woman with paraquat poisoning that led to pulmonary fibrosis-Widely reported by the media: A case report.

Network pharmacology and molecular docking-based prediction of active compounds and mechanisms of action of Cnidii Fructus in treating atopic dermatitis.

The Therapeutic Roles of Cinnamaldehyde against Cardiovascular Diseases.

Cinnamaldehyde-based poly(thioacetal): A ROS-awakened self-amplifying degradable polymer for enhanced cancer immunotherapy.

Acrolein plays a culprit role in the pathogenesis of diabetic nephropathy in vitro and in vivo.

Effects of TLR9/NF- κ B on oxidative stress and inflammation in IPEC-J2 cells.

Novel anti-arthritic mechanisms of trans-cinnamaldehyde against complete Freund's adjuvant-induced arthritis in mice: involvement of NF- κ B/TNF- α and IL-6/IL-23/IL-17 pathways in the immuno-inflammatory responses.

Acute diquat poisoning causes rhabdomyolysis.

Impact of Environmental Risk Factors on Mitochondrial Dysfunction, Neuroinflammation, Protein Misfolding, and Oxidative Stress in the Etiopathogenesis of Parkinson's Disease.

pH-responsive cinnamaldehyde-TiO₂ nanotube coating: fabrication and functions in a simulated diabetes condition.

Toxic effects of glyphosate on the intestine, liver, brain of carp and on epithelioma papulosum cyprinid cells: Evidence from in vivo and in vitro research.

Cinnamaldehyde protects against ligature-induced periodontitis through the inhibition of microbial accumulation and inflammatory responses of host immune cells.

Utilizing novel TBI-on-a-chip device to link physical impacts to neurodegeneration and decipher primary and secondary injury mechanisms.

Protective Effects of Cinnamaldehyde on the Oxidative Stress, Inflammatory Response, and Apoptosis in the Hepatocytes of Salmonella Gallinarum-Challenged Young Chicks.

Safety and tolerability of cinnamaldehyde in orabase for oral candidiasis treatment: phase I clinical trial.

Genomic Analyses Identify Manganese Homeostasis as a Driver of Group B Streptococcal Vaginal Colonization.

Cinnamaldehyde Mitigates Atherosclerosis Induced by High-Fat Diet via Modulation of Hyperlipidemia, Oxidative Stress, and Inflammation.

Evaluation of cinnamaldehyde mucoadhesive patches on minor recurrent aphthous stomatitis: a randomized, double-blind, placebo-controlled clinical trial.

[Imaging features of 10 patients with toxic encephalopathy caused by diquat].

Targeted delivery of acrolein scavenger hydralazine in spinal cord injury using folate-linker-drug conjugation.

An Inhibitor of Nuclear Factor-Kappa B Pathway Attenuates the Release of TGF- β 1 and Inhibits the Fibrogenic Progress in a Model of Airway Remodeling Induced by Acrolein.

Successful Treatment of Severe Toxic Hepatitis and Encephalopathy Without Respiratory Failure Caused by Paraquat Intoxication.

Histopathological Findings in a Fatal Case of Paraquat Poisoning.

C. elegans as an in vivo model system for the phenotypic drug discovery for treating paraquat poisoning.

Cinnamic Aldehyde, the main monomer component of Cinnamon, exhibits anti-inflammatory property in OA synovial fibroblasts via TLR4/MyD88 pathway.

MyD88 deficiency ameliorates weight loss caused by intestinal oxidative injury in an autophagy-dependent mechanism.

The phytonutrient cinnamaldehyde limits intestinal inflammation and enteric parasite infection.

Effect of Cinnamaldehyde on C. albicans cell wall and (1,3)- β -D-glucans in vivo.

Acrolein, an endogenous aldehyde induces Alzheimer's disease-like pathologies in mice: A new sporadic AD animal model.

Taurine protects dopaminergic neurons in paraquat-induced Parkinson's disease mouse model through PI3K/Akt signaling pathways.

Urinary acrolein metabolites, systemic inflammation, and blood lipids: Results from the National Health and Nutrition Examination Survey.

Anticancer Effects of Cinnamaldehyde Through Inhibition of ErbB2/HSF1/LDHA Pathway in 5637 Cell Line of Bladder Cancer.

Ellagic acid prevents gut damage via ameliorating microbe-associated intestinal lymphocyte imbalance.

Peripheral tissular analysis of rapamycin's effect as a neuroprotective agent in vivo.

Cinnamaldehyde-Based Self-Nanoemulsion (CA-SNEDDS) Accelerates Wound Healing and Exerts Antimicrobial, Antioxidant, and Anti-Inflammatory Effects in Rats' Skin Burn Model.

NRF2 activation by 2-methoxycinnamaldehyde attenuates inflammatory responses in macrophages via enhancing autophagy flux.

Hexagonal liquid crystalline system containing cinnamaldehyde for enhancement of skin permeation of sinomenine hydrochloride.

Swelling and glyphosate-controlled release behavior of multi-responsive alginate-g-P(NIPAm-co-NDEAm)-based hydrogel.

[Research progress on the relationship between diquat poisoning and nuclear factor E2-related factor 2 signaling pathway].

Behavioral, histopathological, and biochemical evaluations on the effects of cinnamaldehyde, naloxone, and their combination in morphine-induced cerebellar toxicity.

Pro-Inflammatory Interactions of Dolutegravir with Human Neutrophils in an In Vitro Study.

The significance of thymoquinone administration on liver toxicity of diazinon and cholinesterase activity; a recommendation for prophylaxis among individuals at risk.

[Expression and Regulatory Mechanism of Autophagy-related Genes in Synovial Tissues of Patients with Rheumatoid Arthritis].

Nano-formulations in treatment of iron deficiency anaemia: An overview.

Promising hepatoprotective effects of lycopene in different liver diseases.

Efficacy and Mechanism of Buxue Yimu Pills on Gynecological Anemia: A Combination of Clinical and Network Pharmacology Study.

The Clostridium Metabolite P-Cresol Sulfate Relieves Inflammation of Primary Biliary Cholangitis by Regulating Kupffer Cells.

Lactobacillus reuteri tryptophan metabolism promotes host susceptibility to CNS autoimmunity.

Ferrous sulfate-loaded hydrogel cures Staphylococcus aureus infection via facilitating a ferroptosis-like bacterial cell death in a mouse keratitis model.

Potential for TCDD to induce regulatory functions in B cells as part of the mechanism for T cell suppression in EAE.

Thiobencarb induces phenotypic abnormalities, apoptosis, and cardiovascular toxicity in zebrafish embryos through oxidative stress and inflammation.

The AHR target gene scinderin activates the WNT pathway by facilitating the nuclear translocation of β -catenin.

Carbamylation of β 2-glycoprotein I generates new autoantigens for antiphospholipid syndrome: a new tool for diagnosis of 'seronegative' patients.

Dual-dynamic-bond cross-linked injectable hydrogel of multifunction for intervertebral disc degeneration therapy.

A Combination Therapy Using Electrical Stimulation and Adaptive, Conductive Hydrogels Loaded with Self-Assembled Nanogels Incorporating Short Interfering RNA Promotes the Repair of Diabetic Chronic Wounds.

Comparative plasma metabolomic analysis to identify biomarkers for lead-induced cognitive impairment.

Transcriptomics analysis of human iPSC-derived dopaminergic neurons reveals a novel model for sporadic Parkinson's disease.

Trace Element Interactions, Inflammatory Signaling, and Male Sex Implicated in Reduced Growth Following Excess Oral Iron Supplementation in Pre-Weanling Rats.

The Autism Spectrum Disorder-Associated Bacterial Metabolite p-Cresol Derails the Neuroimmune Response of Microglial Cells Partially via Reduction of ADAM17 and ADAM10.

Synbiotics, prebiotics and probiotics for solid organ transplant recipients.

Correlation of inflammatory biomarkers with the diversity of Bacteroidaceae, Bifidobacteriaceae, Prevotellaceae and Lactobacillaceae families in the intestinal microbiota of patients with end stage renal disease.

Dioxin-elicited decrease in cobalamin redirects propionyl-CoA metabolism to the β -oxidation-like pathway resulting in acrylyl-CoA conjugate buildup.

Perinatal arsenic exposure-induced sustained microglial activation leads to impaired cognitive response in BALB/c mice.

Developmental, toxicological effects and recovery patterns in *Xenopus laevis* after exposure to penconazole-based fungicide during the metamorphosis process.

Lactoferrin for iron-deficiency anemia in children with inflammatory bowel disease: a clinical trial.

Sub-lethal concentration of metamifop exposure impair gut health of zebrafish (*Danio rerio*).

Transcriptome sequencing of 3,3',4,4',5-Pentachlorobiphenyl (PCB126)-treated human preadipocytes demonstrates progressive changes in pathways associated with inflammation and diabetes.

M1-linked ubiquitination facilitates NF- κ B activation and survival during sterile inflammation.

Barbaloin attenuates pulmonary fibrosis through TGF- β 1/Smads/p38 pathway.

HDL functionality in type 1 diabetes: enhancement of cholesterol efflux capacity in relationship with decreased HDL carbamylation after improvement of glycemic control.

Recombinant FGF21 Attenuates Polychlorinated Biphenyl-Induced NAFLD/NASH by Modulating Hepatic Lipocalin-2 Expression.

Multimomics analysis of the impact of polychlorinated biphenyls on environmental liver disease in a mouse model.

Nano-silica particles synergistically IgE-mediated mast cell activation exacerbating allergic inflammation in mice.

Radiosynthesis and characterization of a carbon-11 PET tracer for receptor-interacting protein kinase 1.

Xanthogranulomatous pyelonephritis in a pediatric patient.

Prognostic value of neutrophil to lymphocyte ratio in the diagnosis of neurotoxicity after glufosinate ammonium poisoning.

Quizalofop-P-ethyl induced developmental toxicity and cardiotoxicity in early life stage of zebrafish (Danio rerio).

Quercetin Reduces the Development of 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Induced Cleft Palate in Mice by Suppressing CYP1A1 via the Aryl Hydrocarbon Receptor.

AhR Activation Leads to Attenuation of Murine Autoimmune Hepatitis: Single-Cell RNA-Seq Analysis Reveals Unique Immune Cell Phenotypes and Gene Expression Changes in the Liver.

Pesticide use and risk of systemic autoimmune diseases in the Agricultural Health Study.

Mild Mitochondrial Uncoupling Decreases Experimental Atherosclerosis, A Proof of Concept.

N6-Acetyl-L-Lysine and p-Cresol as Key Metabolites in the Pathogenesis of COVID-19 in Obese Patients.

Comparison of Ferric Sodium EDTA in Combination with Vitamin C, Folic Acid, Copper Gluconate, Zinc Gluconate, and Selenomethionine as Therapeutic Option for Chronic Kidney Disease Patients with Improvement in Inflammatory Status.

Kunitz-Type Peptides from Sea Anemones Protect Neuronal Cells against Parkinson's Disease Inductors via Inhibition of ROS Production and ATP-Induced P2X7 Receptor Activation.

Gut-derived bacterial toxins impair memory CD4+ T cell mitochondrial function in HIV-1 infection.

Application of FeOOH Nano-Ellipsoids as a Novel Nano-Based Iron Supplement: an In Vivo Study.

Bacterial neurotoxic metabolites in multiple sclerosis cerebrospinal fluid and plasma.

Curcumin Facilitates Aryl Hydrocarbon Receptor Activation to Ameliorate Inflammatory Astrogliosis.

Rosmarinus officinalis L. Leaf Extracts and Their Metabolites Inhibit the Aryl Hydrocarbon Receptor (AhR) Activation In Vitro and in Human Keratinocytes: Potential Impact on Inflammatory Skin Diseases and Skin Cancer.

Toxic Effects of Endocrine Disruptor Exposure on Collagen-Induced Arthritis.

Lentinan alleviates arsenic-induced hepatotoxicity in mice via downregulation of OX40/IL-17A and activation of Nrf2 signaling.

Flavoring agent dihydrocoumarin alleviates IgE-mediated mast cell activation and allergic inflammation.

Nontoxic Metal-Free Visible Light-Responsive Carbon Nitride Quantum Dots Cause Oxidative Stress and Cancer-Specific Membrane Damage.

Monomeric C-Reactive Protein: Current Perspectives for Utilization and Inclusion as a Prognostic Indicator and Therapeutic Target.

Phage therapy for refractory periapical periodontitis caused by *Enterococcus faecalis* in vitro and in vivo.

Tryptophan Metabolites Regulate Neuropentraxin 1 Expression in Endothelial Cells.

Metabolic trade-offs favor regulated hypothermia and inhibit fever in immune-challenged chicks.

Acute Dyspnea and Hemoptysis in an 84-Year-Old Man With Multiple Comorbidities.

Ubiquitinated gasdermin D mediates arsenic-induced pyroptosis and hepatic insulin resistance in rat liver.

Synthesis and anti-inflammatory activities of glycyrrhetic acid derivatives containing disulfide bond.

2, 3, 7, 8-Tetrachlorodibenzo-p-dioxin potential impacts on peripheral blood mononuclear cells of endometriosis women.

Comparative Effects between Oral Lactoferrin and Ferrous Sulfate Supplementation on Iron-Deficiency Anemia: A Comprehensive Review and Meta-Analysis of Clinical Trials.

Reduced Colonic Mucosal Injury in 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Poly ADP-Ribose Polymerase (TIPARP/PARP7)-Deficient Mice.

Impact of Uremic Toxins on Endothelial Dysfunction in Chronic Kidney Disease: A Systematic Review.

Minocycline improves the functional recovery after traumatic brain injury via inhibition of aquaporin-4.

Biotic Supplements in Patients With Chronic Kidney Disease: Meta-Analysis of Randomized Controlled Trials.

Associations between persistent organic pollutants and endometriosis: A multiblock approach integrating metabolic and cytokine profiling.

Treatment with MDL 72527 Ameliorated Clinical Symptoms, Retinal Ganglion Cell Loss, Optic Nerve Inflammation, and Improved Visual Acuity in an Experimental Model of Multiple Sclerosis.

Carbonyl Profiles of Electronic Nicotine Delivery System (ENDS) Aerosols Reflect Both the Chemical Composition and the Numbers of E-Liquid Ingredients-Focus on the In Vitro Toxicity of Strawberry and Vanilla Flavors.

Insights into metabolic and pharmacological profiling of *Aspergillus ficuum* through bioinformatics and experimental techniques.

An In-Silico Evaluation of Anthraquinones as Potential Inhibitors of DNA Gyrase B of Mycobacterium tuberculosis.

Ethnicity Associated Microbial and Metabonomic Profiling in Newly Diagnosed Ulcerative Colitis.

Can probiotic, prebiotic, and synbiotic supplementation modulate the gut-liver axis in type 2 diabetes? A narrative and systematic review of clinical trials.

Toxic effects of pesticides on cellular and humoral immunity: an overview.

Chemical compositions, antibacterial, antifungal and cytotoxic effects of *Alhagi mannifera* five extracts.

Acetobacter tropicalis bacteraemia in an immunocompromised patient: case report.

Suspected gut barrier disruptors and development of food allergy: Adjuvant effects and early immune responses.

Post-Translational Modifications Evoked by Reactive Carbonyl Species in Ultraviolet-A-Exposed Skin: Implication in Fibroblast Senescence and Skin Photoaging.

Protective effects and DNA repair induction of a coumarin-chalcone hybrid against genotoxicity induced by mutagens.

Chlorinated Polycyclic Aromatic Hydrocarbons Induce Immunosuppression in THP-1 Macrophages Characterized by Disrupted Amino Acid Metabolism.

The modulation of gut microbiota by herbal medicine to alleviate diabetic kidney disease - A review.

Comparative Biochemical Profiling of Aluminum Chloride and Sodium Azide Induced Neuroinflammation and Cardiometabolic Disturbance.

Effect of water diuresis with hydrogen saturation on the course of acute kidney damage during the separation of oxidation and phosphorylation.

Diffusion-Weighted Imaging for Detecting Glufosinate Ammonium Intoxication: A Case Report.

Synthesis, Characterization, and Swelling Properties of a New Highly Absorbent Hydrogel Based on Carboxymethyl Guar Gum Reinforced with Bentonite and Silica Particles for Disposable Hygiene Products.

Sodium acetate/sodium butyrate alleviates lipopolysaccharide-induced diarrhea in mice via regulating the gut microbiota, inflammatory cytokines, antioxidant levels, and NLRP3/Caspase-1 signaling.

AhR Mediated Activation of Pro-Inflammatory Response of RAW 264.7 Cells Modulate the Epithelial-Mesenchymal Transition.

Chemical Composition and Cytotoxic Activity of Extracts from *Carpesium divaricatum*: In Vitro- versus Field-Grown Plants.

C-X-C-Chemokine-Receptor-Type-4 Inhibitor AMD3100 Attenuates Pulmonary Inflammation and Fibrosis in Silicotic Mice.

Acidifiers Attenuate Diquat-Induced Oxidative Stress and Inflammatory Responses by Regulating NF- κ B/MAPK/COX-2 Pathways in IPEC-J2 Cells.

Bergenin ameliorates cognitive deficits and neuropathological alterations in sodium azide-induced experimental dementia.

Somatic embryogenesis and plant regeneration from transverse thin cell layers of adult peach palm (*Bactris gasipaes*) lateral offshoots.

Facile fabrication of Bi-layered perfusable hydrogel tubes as biomimetic 3D arterial construct.

Efficacy of *Sterculia diversifolia* Leaf Extracts: Volatile Compounds, Antioxidant and Anti-Inflammatory Activity, and Green Synthesis of Potential Antibacterial Silver Nanoparticles.

Synthesis and Structure-Activity Relationship Studies of Pyrido [1,2-e]Purine-2,4(1H,3H)-Dione Derivatives Targeting Flavin-Dependent Thymidylate Synthase in *Mycobacterium tuberculosis*.

Efficacy of kangfuxin liquid on radiotherapy-induced oral mucositis for patients with head and neck squamous cell carcinoma and its effect on salivary glands and immune function.

Periplaneta americana Extract Pretreatment Alleviates Oxidative Stress and Inflammation and Increases the Abundance of Gut *Akkermansia muciniphila* in Diquat-Induced Mice.

In Vitro Induction of Eryptosis by Uremic Toxins and Inflammation Mediators in Healthy Red Blood Cells.

Levels of anti-cyclic citrullinated peptide and antinuclear antibodies in Brazilian agricultural workers exposed to pesticides and fertilizers.

Protection against Paraquat-Induced Oxidative Stress by *Curcuma longa* Extract-Loaded Polymeric Nanoparticles in Zebrafish Embryos.

Food-derived bioactive oligopeptide iron complexes ameliorate iron deficiency anemia and offspring development in pregnant rats.

The Joint Influence of TI(+) and Thiol-Modifying Agents on Rat Liver Mitochondrial Parameters In Vitro.

Allergic and non-allergic wheeze among farm women in the Agricultural Health Study (2005-2010).

Microbiome profiling of nasal extracellular vesicles in patients with allergic rhinitis.

The Effects of Resistant Starch Consumption in Adult Patients With Chronic Kidney Disease: A Systematic Review.

Comparative effects of *Curcuma longa* and curcumin on paraquat-induced systemic and lung oxidative stress and inflammation in rats.

Borax exerts protective effect against ferrocene-induced neurotoxicity in *Oncorhynchus mykiss*.

Evaluation of dioxin induced transcriptomic responses in a 3D human liver microtissue model.

Tocopherol Enhances the Antioxidant Defense System and Histomorphometric Parameters in The Gastrointestinal Tract of Rats Treated with Sodium Arsenite.

In vivo toxicity evaluations of halophenolic disinfection byproducts in drinking water: A multi-omics analysis of toxic mechanisms.

Effects of Autophagy Modulators and Dioxin on the Expression of Epidermal Differentiation Proteins on Psoriasis-Like Keratinocytes in vitro and ex vivo.

Dietary supplementation with biogenic selenium nanoparticles alleviate oxidative stress-induced intestinal barrier dysfunction.

Chronic Toxicity of Primary Metabolites of Chloroacetamide and Glyphosate to Early Life Stages of Marbled Crayfish *Procambarus virginalis*.

Exposure to the Dioxin-like Pollutant PCB 126 Afflicts Coronary Endothelial Cells via Increasing 4-Hydroxy-2 Nonenal: A Role for Aldehyde Dehydrogenase 2.

Effects of benzotriazole UV stabilizers, UV-PS and UV-P, on the differentiation of splenic regulatory T cells via aryl hydrocarbon receptor.

Associations of Smokeless Tobacco Use With Cardiovascular Disease Risk: Insights From the Population Assessment of Tobacco and Health Study.

Histopathological Alterations in the Livers of Chronic Hepatitis Patients Exposed to Agent Orange/Dioxin in Vietnam.

Effect of cyanocobalamin (vitamin B12) on paraquat-induced brain injury in mice.

Genotoxic, biochemical and histological biomarkers of subacute concentrations of paraquat and glyphosate in Nile Tilapia.

Red propolis reduces inflammation in cyclophosphamide-induced hemorrhagic cystitis in rats.

A glyphosate-based herbicide disrupted hematopoiesis and induced organ toxicities, ameliorated by vitamin B(12) in a mouse model.

New insights into arsenic, lead, and iron neurotoxicity: Activation of MAPK signaling pathway and oxidative stress.

The toxicity of perfluorodecanoic acid is mainly manifested as a deflected immune function.

Metformin Regulates Alveolar Macrophage Polarization to Protect Against Acute Lung Injury in Rats Caused by Paraquat Poisoning.

Engineering Multifunctional Hydrogel With Osteogenic Capacity for Critical-Size Segmental Bone Defect Repair.

Toxic Exposure to Endocrine Disruptors Worsens Parkinson's Disease Progression through NRF2/HO-1 Alteration.

Pedunculagin isolated from *Plinia cauliflora* seeds exhibits genotoxic, antigenotoxic and cytotoxic effects in bacteria and human lymphocytes.

Optimized Transformation and Gene Editing of the B104 Public Maize Inbred by Improved Tissue Culture and Use of Morphogenic Regulators.

Pesticide Exposure and Risk of Rheumatoid Arthritis: A Systematic Review and Meta-Analysis.

[A case of occupational allyl alcohol inhalation poisoning].

The bZIP Ap1 transcription factor is a negative regulator of virulence attributes of the anthropophilic dermatophyte *Trichophyton rubrum*.

Atrazine and Diuron Effects on Survival, Embryo Development, and Behavior in Larvae and Adult Zebrafish.

Paraquat Induces Lung Injury via miR-199-Mediated SET in a Mouse Model.

Kidney and lung injury in rats following acute diquat exposure.

JAK2/STAT3 pathway regulates microglia polarization involved in hippocampal inflammatory damage due to acute paraquat exposure.

Sodium arsenite accelerates D-galactose-induced aging in the testis of the rat: Evidence for mitochondrial oxidative damage, NF- κ B, JNK, and apoptosis pathways.

Effects of sequential blood purification on the organ function and lethality in patients with paraquat-induced multiple organ dysfunction syndrome.

Paraquat modulates immunological function in bone marrow-derived macrophages.

Is the Use of Glyphosate in Modern Agriculture Resulting in Increased Neuropsychiatric Conditions Through Modulation of the Gut-brain-microbiome Axis?

More than Meets the Eye: The Aryl Hydrocarbon Receptor is an Environmental Sensor, Physiological Regulator and a Therapeutic Target in Ocular Disease.

Metabolic profiling of serum and urine in lactating dairy cows affected by subclinical ketosis using proton nuclear magnetic resonance spectroscopy.

Lead acetate versus cadmium sulfate in the modulation of main physiological pathways controlling detrusor muscle contractility in rat.

Heterogeneous nucleation of creases in swelling polymer gels.

Significant Correlations between p-Cresol Sulfate and Mycophenolic Acid Plasma Concentrations in Adult Kidney Transplant Recipients.

Exploring breath biomarkers in BLM-induced pulmonary fibrosis mice with associative ionization time-of-flight mass spectrometry.

Plant-Derived Molecule 4-Methylumbelliferone Suppresses Fc ϵ RI-Mediated Mast Cell Activation and Allergic Inflammation.

Assessment of Selected Morphological, Physical and Chemical Parameters of the Teeth of the Offspring of Female Rats Exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD), Taking into Account the Protective Role of Selected Antioxidants-Preliminary Study.

Pharmacological Inhibition of Spermine Oxidase Suppresses Excitotoxicity Induced Neuroinflammation in Mouse Retina.

Extranodal Diffuse Large B-Cell Lymphoma of Bone and Soft Tissue Presenting With Marked Lymphedema and Hypercalcemia.

A Novel Imidazolinone Derivative with 5-Arylidene and 2-Substituted Mercapto Group as Potent Anti-Hepatitis C Virus Compound.

6-Formylindolo[3,2-b]carbazole, a Potent Ligand for the Aryl Hydrocarbon Receptor Produced Both Endogenously and by Microorganisms, can Either Promote or Restrain Inflammatory Responses.

Oxyfluorfen induces hepatotoxicity through lipo-sugar accumulation and inflammation in zebrafish (*Danio rerio*).

TCDD Inhibition of IgG1 Production in Experimental Autoimmune Encephalomyelitis (EAE) and In Vitro.

Isatis phytoenic relieved atrazine induced growth retardation, hepato-renal dysfunction, and oxidative stress in Nile tilapia.

5-Aminosalicilyc Acid, A Weak Agonist for Aryl Hydrocarbon Receptor That Induces Splenic Regulatory T Cells.

Repeated Low-Dose Acrolein Triggers Irreversible Lamina Propria Edema in Urinary Bladder, Transient Voiding Behavior and Widening of Eyes to Mechanical Stimuli.

Lung inflammation from repeated exposure to LPS and glyphosate.

Long Noncoding RNA NEAT1 Knockdown Ameliorates 1-Methyl-4-Phenylpyridine-Induced Cell Injury Through MicroRNA-519a-3p/SP1 Axis in Parkinson Disease.

Effects of 2,4-dichlorophenoxyacetic acid on the expression of NLRP3 inflammasome and autophagy-related proteins as well as the protective effect of *Lycium barbarum* polysaccharide in neonatal rats.

Berberine Attenuates MPP(+)-Induced Neuronal Injury by Regulating LINC00943/miR-142-5p/KPNA4/NF- κ B Pathway in SK-N-SH Cells.

Contact allergy to fragrance mix I and its components in individuals with photocontact allergy to ketoprofen.

Inflammatory, Oxidative Stress, and Apoptosis Effects in Zebrafish Larvae after Rapid Exposure to a Commercial Glyphosate Formulation.

Pleiotropic Outcomes of Glyphosate Exposure: From Organ Damage to Effects on Inflammation, Cancer, Reproduction and Development.

Atrazine Inhalation Worsen Pulmonary Fibrosis Regulating the Nuclear Factor-Erythroid 2-Related Factor (Nrf2) Pathways Inducing Brain Comorbidities.

Vitamin D(3) Protects Mice from Diquat-Induced Oxidative Stress through the NF- κ B/Nrf2/HO-1 Signaling Pathway.

Bidirectional role of reactive oxygen species during inflammasome activation in acrolein-induced human EAhy926 cells pyroptosis.

Subchronic exposure to a glyphosate-based herbicide causes dysplasia in the digestive tract of Wistar rats.

Exposure to the herbicide butachlor activates hepatic stress signals and disturbs lipid metabolism in mice.

Recovery trend to co-exposure of iron oxide nanoparticles ($^{59}\text{Fe}(2)\text{O}(3)$) and glyphosate in liver tissue of the fish *Poecilia reticulata*.

Toxicological Parameters of a Formulation Containing Cinnamaldehyde for Use in Treatment of Oral Fungal Infections: An In Vivo Study.

Autonomous regulation of inducible nitric oxide synthase and cytochrome P450 2E1-mediated oxidative stress in maneb- and paraquat-treated rat polymorphs.

Pectin/chitosan/tripolyphosphate encapsulation protects the rat lung from fibrosis and apoptosis induced by paraquat inhalation.

Negative impacts of microcystin-LR and glyphosate on zebrafish intestine: Linked with gut microbiota and microRNAs?

Toxicity of 2-methyl-4-chlorophenoxy acetic acid alone and in combination with cyhalofop-butyl to *Cyprinus carpio* embryos.

Transient glyphosate encephalopathy due to a suicide attempt.

CD34+ derived macrophage and dendritic cells display differential responses to paraquat.

Systemic inflammation and oxidative stress induced by inhaled paraquat in rat improved by carvacrol, possible role of PPAR γ receptors.

Effects of sulfometuron-methyl on zebrafish at early developmental stages.

Glyphosate and Polyoxyethyleneamine Ingestion Leading to Renal, Hepatic, and Pulmonary Failure.

The effect of *Zataria multiflora* hydroalcoholic extract on memory and lung changes induced by rats that inhaled paraquat.

circGLI3 Inhibits Oxidative Stress by Regulating the miR-339-5p/VEGFA Axis in IPEC-J2 Cells.

Immediate and late systemic and lung effects of inhaled paraquat in rats.

Protective Activity of Aspirin Eugenol Ester on Paraquat-Induced Cell Damage in SH-SY5Y Cells.

Pulmonary inflammatory response from co-exposure to LPS and glyphosate.

Ameliorative effect of N-acetylcysteine against glyphosate-induced hepatotoxicity in adult male albino rats: histopathological, biochemical, and molecular studies.

Atrazine Inhalation Causes Neuroinflammation, Apoptosis and Accelerating Brain Aging.

Overexpression of TOLLIP Protects against Acute Kidney Injury after Paraquat Intoxication through Inhibiting NLRP3 Inflammasome Activation Modulated by Toll-Like Receptor 2/4 Signaling.

Exposure to Atrazine Induces Lung Inflammation through Nrf2-HO1 and Beclin 1/LC3 Pathways.

Glyphosate-based herbicides: Evidence of immune-endocrine alteration.

Paraquat induces redox imbalance and disrupts glutamate and energy metabolism in the hippocampus of prepubertal rats.

Glucocorticoid with cyclophosphamide for oral paraquat poisoning.

Inflammatory state and autism-like behavioral phenotype of offspring induced by maternal exposure to low-dose chemical mixtures during pregnancy in mice.

Perinatal exposure to low doses of glyphosate-based herbicide combined with a high-fat diet in adulthood causes changes in the jejunums of mice.

Isorhynchophylline ameliorates paraquat-induced acute kidney injury by attenuating oxidative stress and mitochondrial damage via regulating toll-interacting expression.

Ground-glass hepatocellular inclusions are associated with polypharmacy.

Fluorofenidone attenuates paraquat-induced pulmonary fibrosis by regulating the PI3K/Akt/mTOR signaling pathway and autophagy.

The hepatotoxicity of atrazine exposure in mice involves the intestinal microbiota.

The effects of carbon monoxide releasing molecules on paraquat-induced pulmonary interstitial inflammation and fibrosis.

Zataria multiflora and Pioglitazone Affect Systemic Inflammation and Oxidative Stress Induced by Inhaled Paraquat in Rats.

Pendimethalin-based herbicide impairs cellular immune response and haemocyte morphology in a beneficial ground beetle.

Lipoxin A4 protects against paraquat-induced acute lung injury by inhibiting the TLR4/MyD88-mediated activation of the NF- κ B and PI3K/AKT pathways.

Chronic ciprofloxacin and atrazine co-exposure aggravates locomotor and exploratory deficits in non-target detritivore speckled cockroach (*Nauphoeta cinerea*).

Physiological and morphoanatomical effects of glyphosate in *Eugenia uniflora*, a Brazilian plant species native to the Atlantic Forest biome.

Aspirin eugenol ester ameliorates paraquat-induced oxidative damage through ROS/p38-MAPK-mediated mitochondrial apoptosis pathway.

Hemodynamic and electromechanical effects of paraquat in rat heart.

Characterizing the protracted neurobiological and neuroanatomical effects of paraquat in a murine model of Parkinson's disease.

Paraquat-activated BV-2 microglia induces neuroinflammatory responses in the neuron model through NF- κ B signaling pathway.

Mitochondrial biochemical and histopathological defects induced by the herbicide pendimethalin in tilapia fish (*Oreochromis niloticus*).

Differential impact of dose-range glyphosate on locomotor behavior, neuronal activity, gliocerebrovascular structures, and transcript regulations in zebrafish larvae.

Evaluation of the potential teratogenic and toxic effect of the herbicide 2,4-D (DMA[®] 806) in bullfrog embryos and tadpoles (*Lithobates catesbeianus*).

GardeninA confers neuroprotection against environmental toxin in a *Drosophila* model of Parkinson's disease.

Low-dose exposure of glyphosate-based herbicides disrupt the urine metabolome and its interaction with gut microbiota.

Andrographolide, an Antioxidant, Counteracts Paraquat- Induced Mutagenesis in Mammalian Cells.

Hepatotoxic Effects of Atrazine on *Clarias gariepinus* (Burchell, 1822): Biochemical and Histopathological Studies.

The use of combined high-fructose diet and glyphosate to model rats type 2 diabetes symptomatology.

Modeling paraquat-induced lung fibrosis in *C. elegans* reveals KRIT1 as a key regulator of collagen gene transcription.

Does diclofenac act like a photosynthetic herbicide on green algae? *Chlamydomonas reinhardtii* synchronous culture-based study with atrazine as reference.

Common and particular biochemical responses of *Unio tumidus* to herbicide, pharmaceuticals and their combined exposure with heating.

Inflammatory lncRNA AK039862 regulates paraquat-inhibited proliferation and migration of microglial and neuronal cells through the Pafah1b1/Foxa1 pathway in co-culture environments.

Glyphosate poisoning - a case report.

The herbicide paraquat-induced molecular mechanisms in the development of acute lung injury and lung fibrosis.

Diclofenac and atrazine restrict the growth of a synchronous *Chlamydomonas reinhardtii* population via various mechanisms.

Effects of chronic glyphosate exposure on antioxidative status, metabolism and immune response in tilapia (GIFT, *Oreochromis niloticus*).

Exposure to paraquat associated with periodontal disease causes motor damage and neurochemical changes in rats.

Cinnamaldehyde and eugenol protect against LPS-stimulated oxidative stress and inflammation in Raw 264.7 cells.

Study on the Efficacy and Safety of Ambroxol Combined with Methylprednisolone in Patients with Acute Lung Injury.

MSBA-S - A pentacyclic sulfamate as a new option for radiotherapy of human breast cancer cells.

Carnosine quenches the reactive carbonyl acrolein in the central nervous system and attenuates autoimmune neuroinflammation.

Differences in epithelial-mesenchymal-transition in paraquat-induced pulmonary fibrosis in BALB/C and BALB/C (nu/nu) nude mice.

Evidence of acrolein in synovial fluid of dogs with osteoarthritis as a potential inflammatory biomarker.

Resveratrol protects intestinal integrity, alleviates intestinal inflammation and oxidative stress by modulating AhR/Nrf2 pathways in weaned piglets challenged with diquat.

Inhibition of NLRP3 inflammasome by glibenclamide attenuated dopaminergic neurodegeneration and motor deficits in paraquat and maneb-induced mouse Parkinson's disease model.

Evaluation of prophylactic efficacy of cinnamaldehyde in murine model against *Paradendryphiella arenariae* mycotoxin tenuazonic acid-induced oxidative stress and organ toxicity.

Biofunctional chemistry and reactivity of biogenic acrolein for cancer diagnosis and therapy.

[Two case reports: chronic obstructive pulmonary disease developed in long term survived patients after acute paraquat poisoning].

Coniferyl aldehyde alleviates LPS-induced WI-38 cell apoptosis and inflammation injury via JAK2-STAT1 pathway in acute pneumonia.

Cinnamaldehyde inhibits psoriasis-like inflammation by suppressing proliferation and inflammatory response of keratinocytes via inhibition of NF- κ B and JNK signaling pathways.

Celecoxib promotes survival and upregulates the expression of neuroprotective marker genes in two different in vitro models of Parkinson's disease.

Small molecules baicalein and cinnamaldehyde are potentiators of measles virus-induced breast cancer oncolysis.

[A case of allergic cutaneous vasculitis caused by glyphosate].

Cinnamaldehyde Improves Metabolic Functions in Streptozotocin-Induced Diabetic Mice by Regulating Gut Microbiota.

[Four cases of acute diquat poisoning with prominent epileptoid seizure and literature review].

Screening the Q-markers of TCMs from RA rat plasma using UHPLC-QTOF/MS technique for the comprehensive evaluation of Wu-Wei-Wen-Tong Capsule.

Mechanistic role of antioxidants in rescuing delayed gastric emptying in high fat diet induced diabetic female mice.

Protective effect of lutein against acrolein-induced ototoxicity in rats.

Cinnamaldehyde and hesperetin attenuate TNBS-induced ulcerative colitis in rats through modulation of the JAK2/STAT3/SOCS3 pathway.

Neuroprotective effects of pomegranate (*Punica granatum* L.) juice and seed extract in paraquat-induced mouse model of Parkinson's disease.

Inhibition of Lipopolysaccharide-Induced Inflammatory and Oxidative Responses by Trans-cinnamaldehyde in C2C12 Myoblasts.

The Onset of Systemic Oxidative Stress Associated with the Accumulation of Lipid Peroxidation Product Acrolein in the Skin of Patients with Small-Vessel Vasculitis.

Protective Effects of Cinnamaldehyde on the Inflammatory Response, Oxidative Stress, and Apoptosis in Liver of *Salmonella typhimurium*-Challenged Mice.

Esophagitis dissecans superficialis associated with acute transoral paraquat poisoning: Clinical study of 15 cases.

Neuroprotective potential of cinnamon and its metabolites in Parkinson's disease: Mechanistic insights, limitations, and novel therapeutic opportunities.

[Progress in the study of pulmonary fibrosis signaling pathways caused by paraquat poisoning].

Coniferaldehyde prevents articular cartilage destruction in a murine model via Nrf2/HO-1 pathway.

Association of Agricultural, Occupational, and Military Inhalants With Autoantibodies and Disease Features in US Veterans With Rheumatoid Arthritis.

Plasma acrolein level in rheumatoid arthritis increases independently of the disease characteristics.

Suppression of Th17 cell differentiation via sphingosine-1-phosphate receptor 2 by cinnamaldehyde can ameliorate ulcerative colitis.

Thal protects against paraquat-induced lung injury through a microRNA-141/HDAC6/Î±BÎ±-NF-Î±B axis in rat and cell models.

Arenaria kansuensis attenuates pulmonary fibrosis in mice via the activation of Nrf2 pathway and the inhibition of NF-kB/TGF-beta1/Smad2/3 pathway.

Glyphosate-induced lipid metabolism disorder contributes to hepatotoxicity in juvenile common carp.

Novel FXR agonist nelumal A suppresses colitis and inflammation-related colorectal carcinogenesis.

Gallic acid exerts anti-inflammatory, anti-oxidative stress, and nephroprotective effects against paraquat-induced renal injury in male rats.

The Keap1/Nrf2-ARE signaling pathway is involved in atrazine induced dopaminergic neurons degeneration via microglia activation.

Effects of low-concentration glyphosate and aminomethyl phosphonic acid on zebrafish embryo development.

Involvement of mitochondrial fission in renal tubular pyroptosis in mice exposed to high and environmental levels of glyphosate combined with hard water.

Cytotoxic effects on cancerous and non-cancerous cells of trans-cinnamaldehyde, carvacrol, and eugenol.

The TRPA1 Agonist Cinnamaldehyde Induces the Secretion of HCO₃⁽⁻⁾ by the Porcine Colon.

Differential sensitivity of cinnamaldehyde-evoked calcium fluxes to ruthenium red in guinea pig and mouse trigeminal sensory neurons.

Anti-Enterococcus Faecalis, Cytotoxicity, Phytotoxicity, and Anticancer Studies on Clausena excavata Burum. f. (Rutaceae) Leaves.

Analogues of the Herbicide, N-Hydroxy-N-isopropylloxamate, Inhibit Mycobacterium tuberculosis Ketol-Acid Reductoisomerase and Their Prodrugs Are Promising Anti-TB Drug Leads.

Arsenic-induced lung inflammation and fibrosis in a rat model: Contribution of the HMGB1/RAGE, PI3K/AKT, and TGF- β 1/SMAD pathways.

Chrysin attenuates sodium arsenite-induced nephrotoxicity in rats by suppressing oxidative stress and inflammation.

Chemical constituents and medicinal properties of Allium species.

Aryl Hydrocarbon Receptor Repressor Is Hypomethylated in Psoriasis and Promotes Psoriasis-like Inflammation in HaCaT Cells.

Carbohydrate Sulfation As a Mechanism for Fine-Tuning Siglec Ligands.

Role of AHR Ligands in Skin Homeostasis and Cutaneous Inflammation.

Dinitramine induces cardiotoxicity and morphological alterations on zebrafish embryo development.

Aryl hydrocarbon receptor (AHR) functions in infectious and sterile inflammation and NAD⁽⁺⁾-dependent metabolic adaptation.

Potential role of dietary chitosan nanoparticles against immunosuppression, inflammation, oxidative stress, and histopathological alterations induced by pendimethalin toxicity in Nile tilapia.

Ameliorative role of rolipram, PDE-4 inhibitor, against sodium arsenite-induced vascular dementia in rats.

Computational studies on bacterial secondary metabolites against breast cancer.

The protective effect of Xanthoceras sorbifolia Bunge husks on cognitive disorder based on metabolomics and gut microbiota analysis.

An Overview: The Toxicity of *Ageratina adenophora* on Animals and Its Possible Interventions.

Sphingolipid imbalance and inflammatory effects induced by uremic toxins in heart and kidney cells are reversed by dihydroceramide desaturase 1 inhibition.

Effects of prebiotic oligofructose-enriched inulin on gut-derived uremic toxins and disease progression in rats with adenine-induced chronic kidney disease.

Promising potential of boron compounds against Glioblastoma: In Vitro antioxidant, anti-inflammatory and anticancer studies.

Cardiac toxicity assessment of pendimethalin in zebrafish embryos.

Lipid metabolism disorders associated with dioxin exposure in a cohort of Chinese male workers revealed by a comprehensive lipidomics study.

The consequences of altered microbiota in immune-related chronic kidney disease.

Transcriptome-based analysis of blood samples reveals elevation of DNA damage response, neutrophil degranulation, cancer and neurodegenerative pathways in *Plasmodium falciparum* patients.

Comparative Evaluation of Sucrosomial Iron and Iron Oxide Nanoparticles as Oral Supplements in Iron Deficiency Anemia in Piglets.

The Aryl hydrocarbon receptor mediates reproductive toxicity of polychlorinated biphenyl congener 126 in rats.

Mechanism of Gene-Environment Interactions Driving Glial Activation in Parkinson's Diseases.

Uremic endothelial-derived extracellular vesicles: Mechanisms of formation and their role in cell adhesion, cell migration, inflammation, and oxidative stress.

Fluroxypyr-1-methylheptyl ester interferes with the normal embryogenesis of zebrafish by inducing apoptosis, inflammation, and neurovascular toxicity.

Citrullinated and homocitrullinated low-density lipoprotein in rheumatoid arthritis.

2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD)-Inducible Poly-ADP-Ribose Polymerase (TIPARP/PARP7) Catalytic Mutant Mice (TiparpH532A) Exhibit Increased Sensitivity to TCDD-Induced Hepatotoxicity and Lethality.

Is Cenobamate the Breakthrough We Have Been Wishing for?

Fenofibrate, a peroxisome proliferator-activated receptor-alpha agonist, blocks steatosis and alters the inflammatory response in a mouse model of inflammation-dioxin interaction.

Baseline Hemoglobin, Heparin, Ferritin, and Total Body Iron Stores are Equally Strong Diagnostic Predictors of a Hemoglobin Response to 12 Weeks of Daily Iron Supplementation in Cambodian Women.

Overexpression of miR-19a and miR-20a in iPS-MSCs preserves renal function of chronic kidney disease with acute ischaemia-reperfusion injury in rat.

8-Formylpogonone B antagonizes doxorubicin-induced cardiotoxicity by suppressing heme oxygenase-1-dependent myocardial inflammation and fibrosis.

Antioxidant and food additive BHA prevents TNF cytotoxicity by acting as a direct RIPK1 inhibitor.

Oxidative stress inducers potentiate 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated pre-cardiac edema in larval zebrafish.

Agricultural Pesticides and Shingles Risk in a Prospective Cohort of Licensed Pesticide Applicators.

Associations between Exposure to Organochlorine Chemicals and Endometriosis: A Systematic Review of Experimental Studies and Integration of Epidemiological Evidence.

Paraquat lung - a rare cause of diffuse parenchymal lung disease.

Oral Ferric Maltol Does Not Adversely Affect the Intestinal Microbiome of Patients or Mice, But Ferrous Sulphate Does.

The Ability of AhR Ligands to Attenuate Delayed Type Hypersensitivity Reaction Is Associated With Alterations in the Gut Microbiota.

Analysis of the Oxidative Stress Regulon Identifies *soxS* as a Genetic Target for Resistance Reversal in Multidrug-Resistant *Klebsiella pneumoniae*.

Gene expression profile analysis and target gene discovery of *Mycobacterium tuberculosis* biofilm.

Regulated hypothermia in response to endotoxin in birds.

Can curcumin supplementation reduce plasma levels of gut-derived uremic toxins in hemodialysis patients? A pilot randomized, double-blind, controlled study.

Inulin supplementation ameliorates hyperuricemia and modulates gut microbiota in Uox-knockout mice.

[Aryl hydrocarbon receptor modulates airway inflammation in mice with cockroach allergen-induced asthma by regulating Th17/Treg differentiation].

[Risk factors associated with acute kidney injury caused by pesticide poisoning].

Role of Endocrine-Disrupting Chemicals in the Pathogenesis of Non-Alcoholic Fatty Liver Disease: A Comprehensive Review.

Pathology of salivary gland dysfunction and restoration of function.

Klebsiella pneumoniae carbapenemase (KPC) in urinary infection isolates.

Non-targeted metabolomics analyses by mass spectrometry to explore metabolic stress after six training weeks in high level swimmers.

COPD-derived fibroblasts secrete higher levels of senescence-associated secretory phenotype proteins.

Nutritional Intervention with Dried Bonito Broth for the Amelioration of Aggressive Behaviors in Children with Prenatal Exposure to Dioxins in Vietnam: A Pilot Study.

Dietary Strategies for Management of Metabolic Syndrome: Role of Gut Microbiota Metabolites.

Circulating short and medium chain fatty acids are associated with normoalbuminuria in type 1 diabetes of long duration.

Benzo(a)pyrene Enhanced Dermatophagoides Group 1 (Der f 1)-Induced TGF β ¹ Signaling Activation Through the Aryl Hydrocarbon Receptor-RhoA Axis in Asthma.

Rapamycin Alleviates 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Induced Aggravated Dermatitis in Mice with Imiquimod-Induced Psoriasis-Like Dermatitis by Inducing Autophagy.

Ephedra Herb, Mao, Inhibits Antigen-Induced Mast Cell Degranulation by Induction of the Affinity Receptor for IgE Internalization.

Protective effect of toll-interacting protein overexpression against paraquat-induced lung injury in mice and A549 cells through inhibiting oxidative stress, inflammation, and NF- κ B signaling pathway.

Regulation of Mitochondrial Function by Epac2 Contributes to Acute Inflammatory Hyperalgesia.

Influences of Selenium-Enriched Yeast on Growth Performance, Immune Function, and Antioxidant Capacity in Weaned Pigs Exposure to Oxidative Stress.

Microbial metabolism of L-tyrosine protects against allergic airway inflammation.

Insulin, Not the Preservative m-cresol, Instigates Loss of Infusion Site Patency Over Extended Durations of CSII in Diabetic Swine.

Attenuation of sodium arsenite-induced cardiotoxicity and neurotoxicity with the antioxidant, anti-inflammatory, and antiapoptotic effects of hesperidin.

The Role of Gut Bacterial Metabolites in Brain Development, Aging and Disease.

AhR Ligands Differentially Regulate miRNA-132 Which Targets HMGB1 and to Control the Differentiation of Tregs and Th-17 Cells During Delayed-Type Hypersensitivity Response.

Pharmacological inhibition of catalase induces peroxisome leakage and suppression of LPS induced inflammatory response in Raw 264.7 cell.

The Aryl Hydrocarbon Receptor Attenuates Acute Cigarette Smoke-Induced Airway Neutrophilia Independent of the Dioxin Response Element.

The relationship of indoxyl sulfate and p-cresyl sulfate with target cardiovascular proteins in hemodialysis patients.

Mechanisms involved in the possible protective effect of chrysin against sodium arsenite-induced liver toxicity in rats.

A Positive Relationship between Exposure to Heavy Metals and Development of Chronic Diseases: A Case Study from Chile.

The aryl hydrocarbon receptor and the gut-brain axis.

Arsenite suppresses IL-2-dependent tumoricidal activities of natural killer cells.

TCDD attenuates EAE through induction of FasL on B cells and inhibition of IgG production.

Adverse effects of iron deficiency anemia on pregnancy outcome and offspring development and intervention of three iron supplements.

The impact of dextran sodium sulphate and probiotic pre-treatment in a murine model of Parkinson's disease.

Exposure of Environmental Contaminants and Development of Neurological Disorders.

Toxin-Related Acute Kidney Injury.

Protein-Bound Uremic Toxins and Immunity.

Why is the Incidence of Type 1 Diabetes Increasing?

Biological Therapies for Atopic Dermatitis: A Systematic Review.

Catalase deficiency induces reactive oxygen species mediated pexophagy and cell death in the liver during prolonged fasting.

Effects of Probiotic Preparations on Inflammatory Cytokines in Chronic Kidney Disease Patients: A Systematic Review and Meta-Analysis.

TriTACs, a Novel Class of T-Cell-Engaging Protein Constructs Designed for the Treatment of Solid Tumors.

Associations Between Residential Exposure to Volatile Organic Compounds and Liver Injury Markers.

The Improvement of the Adaptation Process of Tocopherol and Acetylsalicylic Acid in Offspring of Mothers Exposed to TCDD.

MicroRNA-based host response to toxicant exposure is influenced by the presence of gut microbial populations.

Could Mesna and Celery Seed Cotherapy Modulate Oxidative Stress and Inflammation of the Urinary Bladder Induced by Ifosfamide in Rabbits?

Antioxidant, anti-inflammatory and protective potential of gallic acid against paraquat-induced liver toxicity in male rats.

Effects of Acute 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Exposure on the Circulating and Cecal Metabolome Profile.

The Role of Bacterial-Derived Aromatic Amino Acids Metabolites Relevant in Autism Spectrum Disorders: A Comprehensive Review.

Cytokine changes in fatal cases of paraquat poisoning.

Arsenic exposure induces a bimodal toxicity response in zebrafish.

Low-Dose Cyclophosphamide Induces Nerve Injury and Functional Overactivity in the Urinary Bladder of Rats.

An injectable anti-microbial and adhesive hydrogel for the effective noncompressible visceral hemostasis and wound repair.

Absence of prostacyclin greatly relieves cyclophosphamide-induced cystitis and bladder pain in mice.

Effects of TI(+) on the inner membrane thiol groups, respiration, and swelling in succinate-energized rat liver mitochondria were modified by thiol reagents.

Impact of whole-body versus nose-only inhalation exposure systems on systemic, respiratory, and cardiovascular endpoints in a 2-month cigarette smoke exposure study in the ApoE(-/-) mouse model.

[Vigilance against a highly lethal insecticide chlorfenapyr poisoning (report of 4 cases and literature review)].

The AST-120 Recovers Uremic Toxin-Induced Cognitive Deficit via NLRP3 Inflammasome Pathway in Astrocytes and Microglia.

Transcriptional profiling of Chinese hamster ovary (CHO) cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

GDNF requires HIF-1 α and RET activation for suppression of programmed cell death of enteric neurons by metabolic challenge.

Borate and boric acid supplementation of drinking water alters teeth and bone mineral density and composition differently in rabbits fed a high protein and energy diet.

Perinatal Resveratrol Therapy to Dioxin-Exposed Dams Prevents the Programming of Hypertension in Adult Rat Offspring.

Effect of paraquat on cytotoxicity involved in oxidative stress and inflammatory reaction: A review of mechanisms and ecological implications.

Benoxacor caused developmental and cardiac toxicity in zebrafish larvae.

Pelargonic acid vanillylamide and rosuvastatin protect against oxidized low-density lipoprotein-induced endothelial dysfunction by inhibiting the NF- κ B/NLRP3 pathway and improving cell-cell junctions.

Cutaneous Effects of In Utero and Lactational Exposure of C57BL/6J Mice to 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Applicability of *Enchytraeus bulbosus* as a model species in ecotoxicology and risk assessment.

A new approach using a numerical diagnostic criterion for vitiligo diagnosis with HMB-45 and Melan-A staining.

Characterization of human sulfotransferases catalyzing the formation of p-cresol sulfate and identification of mefenamic acid as a potent metabolism inhibitor and potential therapeutic agent for detoxification.

P2X7 Receptor Blockade Protects Against Acrolein-Induced Bladder Damage: A Potential New Therapeutic Approach for the Treatment of Bladder Inflammatory Diseases.

Effects of sublethal concentration of metamifop on hepatic lipid metabolism in adult zebrafish (*Danio rerio*).

Mechanistic Investigation of Xuebijing for Treatment of Paraquat-Induced Pulmonary Fibrosis by Metabolomics and Network Pharmacology.

Potential secondary metabolite from Indonesian Actinobacteria (InaCC A758) against *Mycobacterium tuberculosis*.

Fine particulate matter air pollution and aortic perivascular adipose tissue: Oxidative stress, leptin, and vascular dysfunction.

The impact of vaping on ocular health: a literature review.

Arsenic-induced uterine apoptotic damage is protected by ethyl acetate fraction of *Camellia sinensis* (green tea) via Bcl-2-BAX through NF- κ B regulations in Wistar rats.

Effects of Coated Cysteamine on Oxidative Stress and Inflammation in Weaned Pigs.

Scarlet Flax *Linum grandiflorum* (L.) In Vitro Cultures as a New Source of Antioxidant and Anti-Inflammatory Lignans.

Can kissing cause paraquat poisoning: A case report and review of literature.

Resveratrol Attenuates Diquat-Induced Oxidative Stress by Regulating Gut Microbiota and Metabolome Characteristics in Piglets.

The Aryl Hydrocarbon Receptor Suppresses Chronic Smoke-Induced Pulmonary Inflammation.

Acute Administration of Bioavailable Curcumin Alongside Ferrous Sulphate Supplements Does Not Impair Iron Absorption in Healthy Adults in a Randomised Trial.

Metagenomic and phytochemical analyses of kefir water and its subchronic toxicity study in BALB/c mice.

Protective and therapeutic effect of hydrogen sulfide on hemorrhagic cystitis and testis dysfunction induced with cyclophosphamide.

Injectable hydrogels based on oxidized alginate-gelatin reinforced by carbon nitride quantum dots for tissue engineering.

Autonomic and cholinergic mechanisms mediating cardiovascular and temperature effects of donepezil in conscious mice.

The endocrine disrupting effects of sodium arsenite in the rat testis is not mediated through macrophage activation.

Phytotoxic property of metabolites isolated from *Garcinia gardneriana*.

Xanthohumol prolongs lifespan and decreases stress-induced mortality in *Drosophila melanogaster*.

Evaluation of pentoxifylline and ferrous sulfate for treatment of lower limb venous ulcers.

Role of Fucoidan on the Growth Behavior and Blood Metabolites and Toxic Effects of Atrazine in Nile Tilapia *Oreochromis niloticus* (Linnaeus, 1758).

Hidroxi (H[®]) Counteracts Cyclophosphamide-Induced Male Infertility through NRF2 Pathways in a Mouse Model.

Resveratrol in Rodent Models of Parkinson's Disease: A Systematic Review of Experimental Studies.

Comparison of Pancreatic Damage in Rats for Two Methods of Paraquat Administration.

Exposures to 2,4-Dichlorophenoxyacetic acid with or without endotoxin upregulate small cell lung cancer pathway.

Complex Coronary Instant Chronic Total Occlusion Lesions: Oxidative Stress, Inflammation, and Coronary Stent Lengths.

Combined Ubisyl-Q(10) and Ashwagandha Root Extract Target Multiple Biochemical Mechanisms and Reduces Neurodegeneration in a Paraquat-Induced Rat Model of Parkinson's Disease.

In vitro and in vivo digestion of red cured cooked meat: oxidation, intestinal microbiota and fecal metabolites.

Detoxification of Reactive Aldehydes by Alda-1 Treatment Ameliorates Experimental Autoimmune Encephalomyelitis in Mice.

HGF-Modified Dental Pulp Stem Cells Mitigate the Inflammatory and Fibrotic Responses in Paraquat-Induced Acute Respiratory Distress Syndrome.

Computational exploration and anti-mycobacterial activity of potential inhibitors of Mycobacterium tuberculosis acetyl coenzyme A carboxylase as anti-tubercular agents.

Oxidative testicular injury: effect of L-leucine on redox, cholinergic and purinergic dysfunctions, and dysregulated metabolic pathways.

Benfuresate induces developmental toxicity in zebrafish larvae by generating apoptosis and pathological modifications.

Selective beta-cell toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin on isolated pancreatic islets.

Quercetin Alleviates Oxidative Damage by Activating Nuclear Factor Erythroid 2-Related Factor 2 Signaling in Porcine Enterocytes.

2,4-Dichlorophenoxyacetic Acid Poisoning Mimicking as Organophosphorus Poisoning.

Acute 2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure in adult mice does not alter the morphology or inflammatory response of cortical microglia.

Oxidative Stress and Lipid Mediators Modulate Immune Cell Functions in Autoimmune Diseases.

Azadirachta indica A. Juss. In Vivo Toxicity-An Updated Review.

Protective effect of melatonin against herbicides-induced hepatotoxicity in rats.

Chlorogenic acid abates male reproductive dysfunction in arsenic-exposed mice via attenuation of testicular oxido-inflammatory stress and apoptotic responses.

Renal tubular injury induced by glyphosate combined with hard water: the role of cytosolic phospholipase A2.

Pro-inflammatory Mediators and Oxidative Stress: Therapeutic Markers for Recurrent Angina Pectoris after Coronary Artery Stenting in Elderly Patients.

Effects of cyhalofop-butyl on the developmental toxicity and immunotoxicity in zebrafish (*Danio rerio*).

Tetrachlorobisphenol A induced immunosuppression and uterine injury in mice.

Catecholic alkaloid sulfonates and aromatic nitro compounds from *Portulaca oleracea* and screening of their anti-inflammatory and anti-microbial activities.

Associations of PCBS, dioxins and furans with follicle-stimulating hormone and luteinizing hormone in postmenopausal women: National Health and Nutrition Examination Survey 1999-2002.

Roundup causes embryonic development failure and alters metabolic pathways and gut microbiota functionality in non-target species.

The impact and toxicity of glyphosate and glyphosate-based herbicides on health and immunity.

Mucosal-associated invariant T-Cell (MAIT) activation is altered by chlorpyrifos- and glyphosate-treated commensal gut bacteria.

[Protective effects of taurine on neurons and microglia in Parkinson's disease-like mouse model induced by paraquat].

Acrolein: A Potential Mediator of Oxidative Damage in Diabetic Retinopathy.

A rabbit model for evaluating ocular damage from acrolein toxicity in vivo.

Effects of tacrolimus on the TGF β 1/SMAD signaling pathway in paraquat-exposed rat alveolar type II epithelial cells.

Reduced Dpp expression accelerates inflammation-mediated neurodegeneration through activated glial cells during altered innate immune response in *Drosophila*.

Urinary crystal formation and urothelial effects of pyroxasulfone administered to male rats.

Ocreotide alleviates pancreatic damage caused by paraquat in rats by reducing inflammatory responses and oxidative stress.

Effect of fomesafen on the embryonic development of zebrafish.

Knockdown of TLR4 Represses the Paraquat-Induced Neuroinflammation and Microglial M1 Polarization.

Transcriptome analysis of *Penaeus vannamei* hepatopancreas reveals differences in toxicity mechanisms between phoxim and prometryne.

Depletion of NK cells attenuates paraquat-induced acute lung injury by manipulating macrophage polarization.

Paraquat increases Interleukin-1 β in hippocampal dentate gyrus to impair hippocampal neurogenesis in adult mice.

Orthotopic foetal lung tissue direct injection into lung showed a preventive effect against paraquat-induced acute lung injury in mice.

Does pendimethalin develop in pancreatic cancer induced inflammation?

The MUC5B Mucin Is Involved in Paraquat-Induced Lung Inflammation.

[Treatment of "hydration therapy" for acute paraquat poisoning].

Systems Genetics and Systems Biology Analysis of Paraquat Neurotoxicity in BXD Recombinant Inbred Mice.

Haloxypop-P-methyl induces developmental defects in zebrafish embryos through oxidative stress and anti-vasculogenesis.

Embryotoxicity of atrazine and its degradation products to early life stages of zebrafish (*Danio rerio*).

[Study on the protective effect and mechanism of somatostatin on renal injury in paraquat intoxicated mice].

Exploration of therapeutic role of montelukast and dexamethasone combination against paraquat induced inhalational toxicity.

Glyphosate induces lymphocyte cell dysfunction and apoptosis via regulation of miR-203 targeting of PIK3R1 in common carp (*Cyprinus carpio* L.).

Glyphosate exposure induces inflammatory responses in the small intestine and alters gut microbial composition in rats.

Sub-acute toxicological and behavioural effects of two candidate therapeutics, cinnamaldehyde and eugenol, for treatment of ESBL producing-quinolone resistant pathogenic Enterobacteriaceae.

[Effect of bone marrow mesenchymal stem cells on paraquat-induced pulmonary fibrosis in rats].

[The expression of Nrf2 in the lung tissue of rats with acute diquat poisoning and the distribution of diquat in lungs].

Integrin CD11b mediates locus coeruleus noradrenergic neurodegeneration in a mouse Parkinson's disease model.

Comparison of the effects of resveratrol and its derivative pterostilbene on hepatic oxidative stress and mitochondrial dysfunction in piglets challenged with diquat.

Pre- and postnatal exposure to glyphosate-based herbicide causes behavioral and cognitive impairments in adult mice: evidence of cortical and hippocampal dysfunction.

Postnatal zinc or paraquat administration increases paraquat or zinc-induced loss of dopaminergic neurons: insight into augmented neurodegeneration.

Exposure to diclofop-methyl induces cardiac developmental toxicity in zebrafish embryos.

HMGB1 Mediates Paraquat-Induced Neuroinflammatory Responses via Activating RAGE Signaling Pathway.

Antioxidant and Anti-Inflammatory Effects of Different Zinc Sources on Diquat-Induced Oxidant Stress in a Piglet Model.

Proconvulsant effect of trans-cinnamaldehyde in pentylenetetrazole-induced kindling model of epilepsy: The role of TRPA1 channels.

Attenuation of paraquat-induced inflammation by inhibitors of phosphorylation of mitogen-activated protein kinases in BV(2) microglial cells.

Soybean isoflavones prevent atrazine-induced neurodegenerative damage by inducing autophagy.

Potential Role of Selenium Against Hepatotoxicity Induced by 2,4-Dichlorophenoxyacetic Acid in Albino Wistar Rats.

Human amniotic mesenchymal stem cells alleviate paraquat-induced pulmonary fibrosis in rats by inhibiting the inflammatory response.

Toxicology of paraquat and pharmacology of the protective effect of 5-hydroxy-1-methylhydantoin on lung injury caused by paraquat based on metabolomics.

Chronic pesticide mixture exposure including paraquat and respiratory outcomes among Colombian farmers.

2,4-Dichlorophenoxyacetic acid herbicide effects on zebrafish larvae: development, neurotransmission and behavior as sensitive endpoints.

Hydrogen Sulfide Protects against Paraquat-Induced Acute Liver Injury in Rats by Regulating Oxidative Stress, Mitochondrial Function, and Inflammation.

Aberrant miR-219-5p is correlated with TLR4 and serves as a novel biomarker in patients with multiple organ dysfunction syndrome caused by acute paraquat poisoning.

The protective impact of Trans-Cinnamaldehyde (TCA) against the IL-1b induced inflammation in in vitro osteoarthritis model by regulating PI3K/AKT pathways.

Toxicity of pesticides toward human immune cells U-937 and HL-60.

Immunosuppressive drugs to reduce the mortality rate in patients with moderate to severe paraquat poisoning: A Meta-analysis.

Oxidative stress, histopathological alterations and anti-oxidant capacity in different tissues of largemouth bass (*Micropterus salmoides*) exposed to a newly developed sodium carbonate peroxyhydrate granular algaecide formulated with hydrogen peroxide.

Involvement of ADAM10 in acrolein-induced astrocytic inflammation.

How to Use Cognitively Diagnostic Assessments of Student Performance as a Method for Monitoring and Managing the Instructional Quality in Undergraduate Medical Education.

Posterior reversible leukoencephalopathy after cyanamide overdose.

Ischemic stroke disrupts the endothelial glycocalyx through activation of proHPSE via acrolein exposure.

Disease-associated acrolein: A possible diagnostic and therapeutic substrate for in vivo synthetic chemistry.

Protective Effects of Cinnamaldehyde against Mesenteric Ischemia-Reperfusion-Induced Lung and Liver Injuries in Rats.

Anti-Allergic Potential of Cinnamaldehyde via the Inhibitory Effect of Histidine Decarboxylase (HDC) Producing *Klebsiella pneumoniae*.

Natural Cinnamaldehyde and Its Derivatives Ameliorate Neuroinflammatory Pathways in Neurodegenerative Diseases.

Endoplasmic reticulum stress-related neuroinflammation and neural stem cells decrease in mice exposure to paraquat.

Analysis of Acrolein Exposure Induced Pulmonary Response in Seven Inbred Mouse Strains and Human Primary Bronchial Epithelial Cells Cultured at Air-Liquid Interface.

Cinnamaldehyde Attenuates the Progression of Rheumatoid Arthritis through Down-Regulation of PI3K/AKT Signaling Pathway.

Inhibition of TBK1 by amlexanox attenuates paraquat-induced acute lung injury.

Acrolein Aggravates Secondary Brain Injury After Intracerebral Hemorrhage Through Drp1-Mediated Mitochondrial Oxidative Damage in Mice.

Coniferyl Aldehyde Inhibits the Inflammatory Effects of Leptomeningeal Cells by Suppressing the JAK2 Signaling.

Combination of ellagic acid and trans-cinnamaldehyde alleviates aging-induced cognitive impairment via modulation of mitochondrial function and inflammatory and apoptotic mediators in the prefrontal cortex of aged rats.

The modulatory effects of cinnamaldehyde on uric acid level and IL-6/JAK1/STAT3 signaling as a promising therapeutic strategy against benign prostatic hyperplasia.

Cinnamaldehyde protects against rat intestinal ischemia/reperfusion injuries by synergistic inhibition of NF- κ B and p53.

Cinnamaldehyde Treatment of Prostate Cancer-Associated Fibroblasts Prevents Their Inhibitory Effect on T Cells Through Toll-Like Receptor 4.

Co-hybridized composite nanovesicles for enhanced transdermal eugenol and cinnamaldehyde delivery and their potential efficacy in ulcerative colitis.

[Therapeutic effect of cinnamaldehyde on ulcerative colitis in mice induced by dextran sulfate sodium with *Candida albicans* colonization and its effect on dectin-1/TLRs/NF- κ B signaling pathway].

Cinnamaldehyde suppresses NLRP3 derived IL-1^β via activating succinate/HIF-1 in rheumatoid arthritis rats.

Cinnamaldehyde protects against oxidative stress and inhibits the TNF α -induced inflammatory response in human umbilical vein endothelial cells.

Klotho Alleviates Lung Injury Caused by Paraquat via Suppressing ROS/P38 MAPK-Regulated Inflammatory Responses and Apoptosis.

Cinnamaldehyde Inhibits Inflammation of Human Synoviocyte Cells Through Regulation of Jak/Stat Pathway and Ameliorates Collagen-Induced Arthritis in Rats.

Biogenic selenium nanoparticles synthesized by *Lactobacillus casei* ATCC 393 alleviate diquat-induced intestinal barrier dysfunction in C57BL/6 mice through their antioxidant activity.

Poloxamer 188-mediated anti-inflammatory effect rescues cognitive deficits in paraquat and maneb-induced mouse model of Parkinson's disease.

Rationally Designed Polymer Conjugate for Tumor-Specific Amplification of Oxidative Stress and Boosting Antitumor Immunity.

The polypharmacy reduction potential of cinnamic acids and some related compounds in pre- and post-onset management of type 2 diabetes mellitus.

Stephalagine, an aporphine alkaloid from *Annona crassiflora* fruit peel, induces antinociceptive effects by TRPA1 and TRPV1 channels modulation in mice.

Glyphosate Excretion is Associated With Steatohepatitis and Advanced Liver Fibrosis in Patients With Fatty Liver Disease.

Untargetted Metabolomic Exploration of the *Mycobacterium tuberculosis* Stress Response to Cinnamon Essential Oil.

Ingestion of organic acids and cinnamaldehyde improves tissue homeostasis of piglets exposed to enterotoxigenic *Escherichia coli* (ETEC).

Glyphosate exposures and kidney injury biomarkers in infants and young children.

Cinnamaldehyde: a compound with antimicrobial and synergistic activity against ESBL-producing quinolone-resistant pathogenic Enterobacteriaceae.

Cinnamon extract inhibits allergen-specific immune responses in human and murine allergy models.

Cinnamaldehyde Analogs: Docking Based Optimization, COX-2 Inhibitory In Vivo and In Vitro Studies.

Use of low-molecular-weight heparin in severe paraquat poisoning: a case report.

Pterocarpus mildbraedii (Harms) extract resolves propanil-induced hepatic injury via repression of inflammatory stress responses in Wistar rats.

Anti-Inflammatory Activity and ROS Regulation Effect of Sinapaldehyde in LPS-Stimulated RAW 264.7 Macrophages.

Sub-lethal toxicity assessment of the phenylurea herbicide linuron in developing zebrafish (*Danio rerio*) embryo/larvae.

A simple on-line detection system based on fiber-optic sensing for the realtime monitoring of fixed bed adsorption processes of molecularly imprinted polymers.

Meta-analysis of the efficacy of Xuebijing combined with hemoperfusion in treating paraquat poisoning.

Blood biomarkers of herbicide, insecticide, and fungicide toxicity to fish-a review.

Do trifluralin and tebuthiuron impair isolated rat liver mitochondria?

Modification of HDL by reactive aldehydes alters select cardioprotective functions of HDL in macrophages.

Cinnamaldehyde Enhanced Functional Recovery after Sciatic Nerve Crush Injury in Rats.

Aryl hydrocarbon receptor (AHR)-mediated inflammation and resolution: Non-genomic and genomic signaling.

Integrative transcriptomics and metabolomics explore the mechanism of kaempferol on improving nonalcoholic steatohepatitis.

Randomized, Placebo-Controlled Trial of Rifaximin Therapy for Lowering Gut-Derived Cardiovascular Toxins and Inflammation in CKD.

Metabolic and Hematological Responses to Endotoxin-Induced Inflammation in Chicks Experiencing Embryonic 2,3,7,8-Tetrachlorodibenzodioxin Exposure.

Mucoadhesive microspheres of ferrous sulphate - A novel approach for oral iron delivery in treating anemia.

Levels of polychlorinated biphenyls and organochlorine pesticides in donkey milk: Correlation with the infection level by intestinal strongyles.

Nephroprotective effects of chlorogenic acid against sodium arsenite-induced oxidative stress, inflammation, and apoptosis.

Thymoquinone protection against 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin induced nephrotoxicity in rats.

From Suppressor T cells to Regulatory T cells: How the Journey That Began with the Discovery of the Toxic Effects of TCDD Led to Better Understanding of the Role of AhR in Immunoregulation.

Inflammation response after the cessation of chronic arsenic exposure and post-treatment of natural astaxanthin in liver: potential role of cytokine-mediated cell-cell interactions.

[Omphalomesenteric fistulas; epidemiological diagnostic and therapeutic features: study of four cases in the Department of Pediatric Surgery at the Aristide Le Dantec University Hospital in Dakar].

Autophagy mediates bronchial cell malignant transformation induced by chronic arsenic exposure via MEK/ERK1/2 pathway.

Glufosinate constrains synchronous and metachronous metastasis by promoting anti-tumor macrophages.

Dexamethasone-Loaded Thermosensitive Hydrogel Suppresses Inflammation and Pain in Collagen-Induced Arthritis Rats.

Baicalein Restores the Balance of Th17/Treg Cells via Aryl Hydrocarbon Receptor to Attenuate Colitis.

Mechanisms and pathogenesis underlying environmental chemical-induced necroptosis.

Developmental 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure of either parent enhances the risk of necrotizing enterocolitis in neonatal mice.

Serum concentrations of pesticides including organophosphates, pyrethroids and neonicotinoids in a population with osteoarthritis in Saudi Arabia.

Effects of p-Cresol on Senescence, Survival, Inflammation, and Odontoblast Differentiation in Canine Dental Pulp Stem Cells.

Arsenic induces dose-dependent structural and ultrastructural pathological remodeling in the heart of Wistar rats.

p-Cresol Sulfate Caused Behavior Disorders and Neurodegeneration in Mice with Unilateral Nephrectomy Involving Oxidative Stress and Neuroinflammation.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) dysregulates hepatic one carbon metabolism during the progression of steatosis to steatohepatitis with fibrosis in mice.

The Succession of Flies of Forensic Importance Is Influenced by Volatiles Organic Compounds Emitted During the First Hours of Decomposition of Chicken Remains.

Blood vessels are primary targets for 2,3,7,8-tetrachlorodibenzo-p-dioxin in pre-cardiac edema formation in larval zebrafish.

Effects of 2,3,7,8-Tetrachlorodibenzo-p-dioxin on T Cell Differentiation in Primary Biliary Cholangitis.

TCDD promotes liver fibrosis through disordering systemic and hepatic iron homeostasis.

Aryl hydrocarbon receptor (AHR) functions: Balancing opposing processes including inflammatory reactions.

Single-cell RNA-seq Analysis Reveals That Prenatal Arsenic Exposure Results in Long-term, Adverse Effects on Immune Gene Expression in Response to Influenza A Infection.

Extracellular Vesicles Attenuate Nitrofen-Mediated Human Pulmonary Artery Endothelial Dysfunction: Implications for Congenital Diaphragmatic Hernia.

Scavenging Intracellular ROS Attenuates p-Cresyl Sulfate-Triggered Osteogenesis through MAPK Signaling Pathway and NF- κ B Activation in Human Arterial Smooth Muscle Cells.

Wheat flour fortification with iron for reducing anaemia and improving iron status in populations.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) alters hepatic polyunsaturated fatty acid metabolism and eicosanoid biosynthesis in female Sprague-Dawley rats.

Leucine-rich repeat kinase-2 (LRRK2) modulates microglial phenotype and dopaminergic neurodegeneration.

Role of endothelial microvesicles released by p-cresol on endothelial dysfunction.

Marrubium vulgare L.: A Phytochemical and Pharmacological Overview.

Uremic Toxins and Vascular Dysfunction.

Cenobamate (YKP3089) as adjunctive treatment for uncontrolled focal seizures in a large, phase 3, multicenter, open-label safety study.

Prebiotic inulin consumption reduces dioxin-like PCB 126-mediated hepatotoxicity and gut dysbiosis in hyperlipidemic Ldlr deficient mice.

Therapeutic potential of aryl hydrocarbon receptor ligands derived from natural products in rheumatoid arthritis.

Transgenerational epigenetic and transcriptomic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in rat.

Iron pill-induced duodenitis: A distinct pattern of duodenal mucosal injury in a patient with a duodenal mass.

Identification of environmental chemicals targeting miscarriage genes and pathways using the comparative toxicogenomics database.

A murine model of Staphylococcus aureus infected chronic diabetic wound: A new tool to develop alternative therapeutics.

Streptococcal H₂O₂ inhibits IgE-triggered degranulation of RBL-2H3 mast cell/basophil cell line by inducing cell death.

Gut-Derived Metabolites and Their Role in Immune Dysfunction in Chronic Kidney Disease.

Topical Ascorbic Acid Ameliorates Oxidative Stress-Induced Corneal Endothelial Damage via Suppression of Apoptosis and Autophagic Flux Blockage.

A combination of monosodium glutamate and high-fat and high-fructose diets increases the risk of kidney injury, gut dysbiosis and host-microbial co-metabolism.

COVID-19: Hygiene and Public Health to the front.

Metabolomic alternations of follicular fluid of obese women undergoing in-vitro fertilization treatment.

Fractional iron absorption from enteric-coated ferrous sulphate tablet.

Lactobacillus salivarius BP121 prevents cisplatin-induced acute kidney injury by inhibition of uremic toxins such as indoxyl sulfate and p-cresol sulfate via alleviating dysbiosis.

Embelin impact on paraquat-induced lung injury through suppressing oxidative stress, inflammatory cascade, and MAPK/NF- κ B signaling pathway.

Cardioprotective role of metformin against sodium arsenite-induced oxidative stress, inflammation, and apoptosis.

Postinflammatory hypopigmentation due to ferrous sulphate.

Role of Aryl Hydrocarbon Receptor Activation and Autophagy in Psoriasis-Related Inflammation.

The anti-inflammatory effect of omega-3 polyunsaturated fatty acids dramatically decreases by iron in the hippocampus of diabetic rats.

Isolation and Quantification of Uremic Toxin Precursor-Generating Gut Bacteria in Chronic Kidney Disease Patients.

A Case of a 15-Month-Old With Periorbital Edema and Severe Anemia.

Simple and visible detection of duck hepatitis B virus in ducks and geese using loop-mediated isothermal amplification.

Chlorogenic acid prevents hepatotoxicity in arsenic-treated mice: role of oxidative stress and apoptosis.

Longitudinal association of biomarkers of pesticide exposure with cardiovascular disease risk factors in youth with diabetes.

Cecal Tumorigenesis in Aryl Hydrocarbon Receptor-Deficient Mice Depends on Cecum-Specific Mitogen-Activated Protein Kinase Pathway Activation and Inflammation.

Higher cerebrospinal fluid to plasma ratio of p-cresol sulfate and indoxyl sulfate in patients with Parkinson's disease.

Tagetnoic acid, a new lipoxygenase inhibitor peroxy fatty acid from *Tagetes minuta* growing in Saudi Arabia.

Molecular and Cellular Mechanisms that Induce Arterial Calcification by Indoxyl Sulfate and P-Cresyl Sulfate.

High-throughput sequencing analysis of intestinal flora changes in ESRD and CKD patients.

[The use of retinoids to stimulate the regenerative process in trepanation cavity after "open" sanitizing surgery on the middle ear].

Bibliometrics and Visualization of the Mechanisms of Parkinson's Diseases Based on Animal Models.

A mitochondrial uncoupler prodrug protects dopaminergic neurons and improves functional outcome in a mouse model of Parkinson's disease.

Procyanidin B2 Suppresses Lipopolysaccharides-Induced Inflammation and Apoptosis in Human Type II Alveolar Epithelial Cells and Lung Fibroblasts.

Arsenic-induced immunomodulatory effects disorient the survival-death interface by stabilizing the Hsp90/Beclin1 interaction.

Distribution and Determinants of Chronic Kidney Disease of Unknown Etiology: A Brief Overview.

Uremic toxins promote accumulation of oxidized protein and increased sensitivity to hydrogen peroxide in endothelial cells by impairing the autophagic flux.

Cyclophosphamide-induced cystitis results in NLRP3-mediated inflammation in the hippocampus and symptoms of depression in rats.

Comparing the Neuroprotective Effects of Caffeic Acid in Rat Cortical Slices and *Caenorhabditis elegans*: Involvement of Nrf2 and SKN-1 Signaling Pathways.

Anti-inflammatory Effect of AZD6244 on Acrolein-Induced Neuroinflammation.

A systematic review on hepatoprotective activity of quercetin against various drugs and toxic agents: Evidence from preclinical studies.

The Protective Effect of Aspirin Eugenol Ester on Paraquat-Induced Acute Liver Injury Rats.

The Metabolomics of Childhood Atopic Diseases: A Comprehensive Pathway-Specific Review.

Telomeric injury by KML001 in human T cells induces mitochondrial dysfunction through the p53-PGC-1 β pathway.

Oral mucosa changes associated with chronic oral and inhalation exposure to 2,4-dichlorophenoxyacetic acid (2,4-D) in Wistar rats.

Mucuna pruriens in Parkinson's and in some other diseases: recent advancement and future prospective.

An aryl hydrocarbon receptor agonist suppresses the growth of human umbilical vein endothelial cells in vitro: Potent effect with polyunsaturated fatty acids.

Metabolomics Profiling and Diagnosis Biomarkers Searching for Drug-Induced Liver Injury Implicated to *Polygonum multiflorum*: A Cross-Sectional Cohort Study.

Aspirin Eugenol Ester Protects Vascular Endothelium From Oxidative Injury by the Apoptosis Signal Regulating Kinase-1 Pathway.

Sub-ohm vaping increases the levels of carbonyls, is cytotoxic, and alters gene expression in human bronchial epithelial cells exposed at the air-liquid interface.

Uremic toxic substances are essential elements for enhancing carotid artery stenosis after balloon-induced endothelial denudation: worsening role of the adventitial layer.

A Comprehensive Review on Source, Types, Effects, Nanotechnology, Detection, and Therapeutic Management of Reactive Carbonyl Species Associated with Various Chronic Diseases.

Environmental neurotoxic pollutants: review.

Aspirin Eugenol Ester Attenuates Paraquat-Induced Hepatotoxicity by Inhibiting Oxidative Stress.

Continuous, Automated Breathing Rate and Body Motion Monitoring of Rats With Paraquat-Induced Progressive Lung Injury.

Behavioral Tests in Neurotoxin-Induced Animal Models of Parkinson's Disease.

Nanoconfined Crosslinked Poly(ionic liquid)s with Unprecedented Selective Swelling Properties Obtained by Alkylation in Nanophase-Separated Poly(1-vinylimidazole)-I-poly(tetrahydrofuran) Conetworks.

2,3,7,8-Tetrachlorodibenzo-p-Dioxin Regulates the Expression of Aryl Hydrocarbon Receptor-Related Factors and Cytokines in Peripheral Blood Mononuclear Cells and CD4+ T cells from Patients with Atopic Dermatitis and Psoriasis.

Serum metabolic changes associated with dioxin exposure in a Chinese male cohort.

Xanthohumol Effect on 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Treated Japanese Quails in Terms of Serum Lipids, Liver Enzymes, Estradiol, and Thyroid Hormones.

Regulation of the Morphological and Physical Properties of a Soft Tissue Scaffold by Manipulating DD and DS of O-Carboxymethyl Chitin.

Dibenzoylthiamine Has Powerful Antioxidant and Anti-Inflammatory Properties in Cultured Cells and in Mouse Models of Stress and Neurodegeneration.

Exposures to uranium and arsenic alter intraepithelial and innate immune cells in the small intestine of male and female mice.

Formulation and Characterization of Alginate Dialdehyde, Gelatin, and Platelet-Rich Plasma-Based Bioink for Bioprinting Applications.

Paraquat-induced systemic inflammation and increased oxidative markers in rats improved by Zataria multiflora extract and carvacrol.

Adverse effects of pesticides on the functions of immune system.

The Protective Effect of Xanthohumol on the Content of Selected Elements in the Bone Tissue for Exposed Japanese Quails to TCDD.

Varying Protein Levels Influence Metabolomics and the Gut Microbiome in Healthy Adult Dogs.

How the AHR Became Important in Intestinal Homeostasis-A Diurnal FICZ/AHR/CYP1A1 Feedback Controls Both Immunity and Immunopathology.

Mitigation of arsenic driven utero-ovarian malfunction and changes of apoptotic gene expression by dietary NAC.

Chronic arsenic exposure induces the time-dependent modulation of inflammation and immunosuppression in spleen.

Morphological and Swelling Potential Evaluation of Moringa oleifera Gum/Poly(vinyl alcohol) Hydrogels as a Superabsorbent.

Kaempferol Protects Blood Vessels From Damage Induced by Oxidative Stress and Inflammation in Association With the Nrf2/HO-1 Signaling Pathway.

Short-term e-cigarette vapour exposure causes vascular oxidative stress and dysfunction: evidence for a close connection to brain damage and a key role of the phagocytic NADPH oxidase (NOX-2).

Uroprotective mechanisms of natural products against cyclophosphamide-induced urinary bladder toxicity: A comprehensive review.

Dioxin-like and non-dioxin-like PCBs differentially regulate the hepatic proteome and modify diet-induced nonalcoholic fatty liver disease severity.

Carvacrol and Zataria multiflora influenced the PPAR α agonist effects on systemic inflammation and oxidative stress induced by inhaled paraquat in rat.

Platelet-Rich Fibrin Can Neutralize Hydrogen Peroxide-Induced Cell Death in Gingival Fibroblasts.

Complex Regulatory Role of the TRPA1 Receptor in Acute and Chronic Airway Inflammation Mouse Models.

Polydatin relieves paraquat-induced human MRC-5 fibroblast injury through inhibiting the activation of the NLRP3 inflammasome.

Ansamycin derivatives from the marine-derived Streptomyces sp. SCSGAA 0027 and their cytotoxic and antiviral activities.

Iron Overload in Gastric Mucosa: Underdiagnosed Condition Rarely Documented in Clinical and Pathology Reports.

Microglia depletion prior to lipopolysaccharide and paraquat treatment differentially modulates behavioral and neuronal outcomes in wild type and G2019S LRRK2 knock-in mice.

Sustained release of vancomycin from bacterial cellulose membrane as dural substitutes for anti-inflammatory wound closure in rabbits.

Pro-inflammatory cytokines, oxidative stress and diffuse coronary reocclusions in elderly patients after coronary stenting.

Exposure effects of iron oxide nanoparticles and iron salts in blackfish (*Capoeta fusca*): Acute toxicity, bioaccumulation, depuration, and tissue histopathology.

Paraquat Poisoning: A Retrospective Study of 55 Patients From a Tertiary Care Center in Southern India.

Clinical significance of serum levels of microRNA-27a and its correlation with interleukin-10 in patients with multiple organ dysfunction syndrome caused by acute paraquat poisoning.

Uncovering pathophysiological changes in frontotemporal dementia using serum lipids.

Effect of cAMP Receptor Protein Gene on Growth Characteristics and Stress Resistance of *Haemophilus parasuis* Serovar 5.

Bioisosteric Replacement of Amide Group with 1,2,3-Triazoles in Acetaminophen Addresses Reactive Oxygen Species-Mediated Hepatotoxic Insult in Wistar Albino Rats.

Curcumin Attenuates Acrolein-induced COX-2 Expression and Prostaglandin Production in Human Umbilical Vein Endothelial Cells.

Graves' disease: Epidemiology, genetic and environmental risk factors and viruses.

An Analysis of Biomarkers in Patients with Chronic Pain.

Sub-chronic exposure to Kalach 360 SL-induced damage in rats' liver and hematological system.

Diosmin ameliorative effects on oxidative stress and fibrosis in paraquat-induced lung injury in mice.

Atrazine-induced toxicity in goat spermatozoa is alleviated to some extent by polyphenol-enriched feed.

Immunotoxicity and transcriptome analysis of zebrafish embryos in response to glufosinate-ammonium exposure.

Curcumin relieves paraquat-induced lung injury through inhibiting the thioredoxin interacting protein/NLR pyrin domain containing 3-mediated inflammatory pathway.

Single and joint effects of chronic exposure to chlorpyrifos and glyphosate based pesticides on structural biomarkers in *Cnesterodon decemmaculatus*.

Comparative molecular and metabolic responses of wheat seedlings (*Triticum aestivum* L.) to the imazethapyr enantiomers S-IM and R-IM.

Factors adversely influencing neurodevelopment.

[Xuebijing improves clinical prognosis and reduces mortality in patients with acute paraquat poisoning: a Meta-analysis included 1 429 patients].

Atrazine induces necroptosis by miR-181-5p targeting inflammation and glycometabolism in carp lymphocytes.

The organochlorine pesticides pentachlorophenol and dichlorodiphenyltrichloroethane increase secretion and production of interleukin 6 by human immune cells.

Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels.

Metformin Activates the Protective Effects of the AMPK Pathway in Acute Lung Injury Caused by Paraquat Poisoning.

Hepatoprotective effect of N-acetylcystein loaded niosomes on liver function in paraquat-induced acute poisoning.

Nuclear receptor AHR-mediated xenobiotic detoxification pathway involves in atrazine-induced nephrotoxicity in quail (*Coturnix C. coturnix*).

Protective mechanism of 1-methylhydantoin against lung injury induced by paraquat poisoning.

Comparison of four pharmacological strategies aimed to prevent the lung inflammation and paraquat-induced alveolar damage.

Innate immune responses to paraquat exposure in a Drosophila model of Parkinson's disease.

Ameliorative role of aspirin in paraquat-induced lung toxicity via mitochondrial mechanisms.

Xenobiotic mediated diabetogenesis: Developmental exposure to dichlorvos or atrazine leads to type 1 or type 2 diabetes in Drosophila.

Paraquat modulates microglia M1/M2 polarization via activation of TLR4-mediated NF- κ B signaling pathway.

Biochemical and molecular impacts of glyphosate-based herbicide on the gills of common carp.

Maternal glyphosate-based herbicide exposure alters antioxidant-related genes in the brain and serum metabolites of male rat offspring.

Mortality, teratogenicity and growth inhibition of three glyphosate formulations using Frog Embryo Teratogenesis Assay-Xenopus.

Subacute acrolein exposure to rat larynx in vivo.

Spirometric Pulmonary Restriction in Herbicide-Exposed U.S. Vietnam War Veterans.

[Protective effects of oligomeric proanthocyanidins in mice exposed to paraquat].

Exposures to the environmental contaminants pentachlorophenol and dichlorodiphenyltrichloroethane increase production of the proinflammatory cytokine, interleukin-1 β , in human immune cells.

Reduning injection ameliorates paraquat-induced acute lung injury by regulating AMPK/MAPK/NF- κ B signaling.

Systematic review and meta-analysis of the efficacy and safety of immunosuppressive pulse therapy in the treatment of paraquat poisoning.

Mechanisms behind the atherothrombotic effects of acrolein, a review.

Leucine-rich repeat kinase-2 (LRRK2) modulates paraquat-induced inflammatory sickness and stress phenotype.

Glimepiride prevents paraquat-induced Parkinsonism in mice: involvement of oxidative stress and neuroinflammation.

Inflammatory Effects of Subacute Exposure of Roundup in Rat Liver and Adipose Tissue.

[Establishment and evaluation of acute diquat poisoning model in Wistar rats].

Retrospective study of clinical features and prognosis of edaravone in the treatment of paraquat poisoning.

Homicidal Paraquat Poisoning.

The Alexipharmic Mechanisms of Five Licorice Ingredients Involved in CYP450 and Nrf2 Pathways in Paraquat-Induced Mice Acute Lung Injury.

[Lung transplantation in patients with paraquat poisoning: a case report and literature review].

TLR3 is involved in paraquat-induced acute renal injury.

Mesenchymal Stem Cells Alleviate Acute Lung Injury and Inflammatory Responses Induced by Paraquat Poisoning.

Role of bone marrow mesenchymal stem cells in the development of PQ-induced pulmonary fibrosis.

NADPH oxidase regulates paraquat and maneb-induced dopaminergic neurodegeneration through ferroptosis.

High-Dose Paraquat Induces Human Bronchial 16HBE Cell Death and Aggravates Acute Lung Intoxication in Mice by Regulating Keap1/p65/Nrf2 Signal Pathway.

Long-term Immunotoxic Effects of Oral Prenatal and Neonatal Atrazine Exposure.

Setal-epidermal, muscular and enzymatic anomalies induced by certain agrochemicals in the earthworm *Eudrilus eugeniae* (Kinberg).

Physiological responses of eelgrass (*Zostera marina*) to ambient stresses such as herbicide, insufficient light, and high water temperature.

Clethodim exposure induces developmental immunotoxicity and neurobehavioral dysfunction in zebrafish embryos.

Dietary Tributyrin Attenuates Intestinal Inflammation, Enhances Mitochondrial Function, and Induces Mitophagy in Piglets Challenged with Diquat.

Inhibiting expression of HSP60 and TLR4 attenuates paraquat-induced microglial inflammation.

Aspirin-triggered resolvin D1 alleviates paraquat-induced acute lung injury in mice.

Effects of AT-RvD1 on paraquat-induced acute renal injury in mice.

The effects of 1%-3 fish oil emulsion-based parenteral nutrition plus combination treatment for acute paraquat poisoning.

Increased 90-Day Mortality in Spontaneously Breathing Patients With Paraquat Poisoning: In Addition to Disease Severity, Lung Strain May Play a Role.

Protective and anti-inflammatory effects of hydroalcoholic leaf extract of *Origanum vulgare* on oxidative stress, TNF- α gene expression and liver histological changes in paraquat-induced hepatotoxicity in rats.

Environmental Control of Astrocyte Pathogenic Activities in CNS Inflammation.

Claudins, VEGF, Nrf2, Keap1, and Nonspecific Airway Hyper-Responsivity Are Increased in Mice Co-Exposed to Allergen and Acrolein.

Resveratrol improves intestinal barrier function, alleviates mitochondrial dysfunction and induces mitophagy in diquat challenged piglets(1).

Pequi enriched diets protect *Drosophila melanogaster* against paraquat-induced locomotor deficits and oxidative stress.

Dual drug-loaded cubic liquid crystal gels for transdermal delivery: inner structure and percutaneous mechanism evaluations.

In vitro activity of carvacrol, cinnamaldehyde and thymol combined with antifungals against *Malassezia pachydermatis*.

Side Effects of Coronary Stenting such as Severe Coronary Stenosis and Multiple Coronary Chronic Total Occlusions in Elderly Patients via Induced Proinflammatory and Prooxidative Stress.

Cardioprotective Effects of Atorvastatin Are Mediated Through PPAR α in Paraquat-Exposed Rats.

Trans-cinnamaldehyde improves neuroinflammation-mediated NMDA receptor dysfunction and memory deficits through blocking NF- κ B pathway in presenilin1/2 conditional double knockout mice.

Effect of Fenofibrate on the Expression of Inflammatory Mediators in a Diabetic Rat Model.

Cinnamaldehyde attenuates atherosclerosis via targeting the I κ B/NF- κ B signaling pathway in high fat diet-induced ApoE(-/-) mice.

Photobiomodulation therapy reduces acute pain and inflammation in mice.

Doxycycline alleviates paraquat-induced acute lung injury by inhibiting neutrophil-derived matrix metalloproteinase 9.

[Cinnamaldehyde attenuates lipopolysaccharide induced inflammation and apoptosis in human umbilical vein endothelial cells].

Anti-oxidant and anti-inflammatory effects of cinnamaldehyde and eugenol on mononuclear cells of rheumatoid arthritis patients.

trans-Cinnamaldehyde mitigated intestinal inflammation induced by *Cronobacter sakazakii* in newborn mice.

Anti-inflammatory effect of trans-4-methoxycinnamaldehyde from *Etilingera pavieana* in LPS-stimulated macrophages mediated through inactivation of NF- κ B and JNK/c-Jun signaling pathways and in rat models of acute inflammation.

Trans-Cinnamaldehyde Inhibits IL-1 β -Stimulated Inflammation in Chondrocytes by Suppressing NF- κ B and p38-JNK Pathways and Exerts Chondrocyte Protective Effects in a Rat Model of Osteoarthritis.

Radix *Tetragium* flavonoid ameliorates inflammation and prolongs the lifespan of *Caenorhabditis elegans* through JNK, p38 and Nrf2 pathways.

Protective effects of febuxostat against paraquat-induced lung toxicity in rats: Impact on RAGE/PI3K/Akt pathway and downstream inflammatory cascades.

Cinnamaldehyde and eugenol attenuates collagen induced arthritis via reduction of free radicals and pro-inflammatory cytokines.

Suppression of miR-21 and miR-155 of macrophage by cinnamaldehyde ameliorates ulcerative colitis.

Cinnamaldehyde ameliorates STZ-induced rat diabetes through modulation of IRS1/PI3K/AKT2 pathway and AGEs/RAGE interaction.

Urinary acrolein metabolite levels in severe acute alcoholic hepatitis patients.

Amino Acid Biosynthetic Pathways Are Required for *Klebsiella pneumoniae* Growth in Immunocompromised Lungs and Are Druggable Targets during Infection.

Biological effect of protein modifications by lipid peroxidation products.

Redox-dependent catalase mimetic cerium oxide-based nanozyme protect human hepatic cells from 3-AT induced acatalasemia.

Multidrug resistance of the extended-spectrum beta-lactamase-producing *Klebsiella pneumoniae* isolated in Tizi-Ouzou (Algeria).

[Brain abscess revealing trilogy of Fallot in a child: about a case at the University Teaching Hospital of Parakou, Benin].

Hypertension in Relation to Dioxins and Polychlorinated Biphenyls from the Anniston Community Health Survey Follow-Up.

Activation of aryl hydrocarbon receptor by dioxin directly shifts gut microbiota in zebrafish.

Aryl hydrocarbon receptor pathway: Role, regulation and intervention in atherosclerosis therapy (Review).

Disease modifying mitochondrial uncouplers, MP101, and a slow release ProDrug, MP201, in models of Multiple Sclerosis.

The gut microbiota and its relationship with chronic kidney disease.

Plasma Metabolic Profiling Analysis of Gout Party on Acute Gout Arthritis Rats Based on UHPLC-Q-TOF/MS Combined with Multivariate Statistical Analysis.

Lesion of the Locus Coeruleus Damages Learning and Memory Performance in Paraquat and Maneb-induced Mouse Parkinson's Disease Model.

Functions of aryl hydrocarbon receptor (AHR) and CD38 in NAD metabolism and nonalcoholic steatohepatitis (NASH).

Increase of core temperature affected the progression of kidney injury by repeated heat stress exposure.

Administration of ferrous sulfate drops has significant effects on the gut microbiota of iron-sufficient infants: a randomised controlled study.

The Colonization of Necrophagous Larvae Accelerates the Decomposition of Chicken Carcass and the Emission of Volatile Attractants for Blowflies (Diptera: Calliphoridae).

NLRX1 Regulation Following Acute Mitochondrial Injury.

Radiomics Nomogram Analyses for Differentiating Pneumonia and Acute Paraquat Lung Injury.

[Clinical observation on the inflammatory indexes in septic gastrointestinal dysfunction treated with acupuncture at Jiaji (EX-B 2)].

AhR Activation Leads to Massive Mobilization of Myeloid-Derived Suppressor Cells with Immunosuppressive Activity through Regulation of CXCR2 and MicroRNA miR-150-5p and miR-543-3p That Target Anti-Inflammatory Genes.

Impaired intestinal barrier function in a mouse model of hyperuricemia.

Dietary iron deficiency impaired intestinal immune function of on-growing grass carp under the infection of *Aeromonas hydrophila*: Regulation of NF- κ B and TOR signaling.

Design, synthesis and biological evaluation of novel FFA1/GPR40 agonists: New breakthrough in an old scaffold.

Unravelling the binding affinity between model transport protein and a prospective tuberculosis therapeutic agent: a spectroscopic and theoretical simulation exploration.

Novel polymerase spiral reaction assay for the visible molecular detection of porcine circovirus type 3.

Asymptomatic *Helicobacter Pylori* Infection in Preschool Children and Young Women Does Not Predict Iron Bioavailability from Iron-Fortified Foods.

Can contamination of the environment by dioxins cause craniofacial defects?

Dietary CCPS from bitter melon attenuates sodium arsenite induced female reproductive ailments cum infertility in wistar rats: anti-inflammatory and anti-apoptotic role.

Understanding Environmental Contaminants' Direct Effects on Non-alcoholic Fatty Liver Disease Progression.

CDK4/6 inhibitor palbociclib suppresses IgE-mediated mast cell activation.

Fecal Changes Following Introduction of Milk in Infants With Outgrowing Non-IgE Cow's Milk Protein Allergy Are Influenced by Previous Consumption of the Probiotic LGG.

The potential therapeutic benefit of resveratrol on Th17/Treg imbalance in immune thrombocytopenic purpura.

Interleukin 33 Expression Induced by Aryl Hydrocarbon Receptor in Macrophages.

Effects of dietary fat on gut microbiota and faecal metabolites, and their relationship with cardiometabolic risk factors: a 6-month randomised controlled-feeding trial.

Comparison of iron-reduced and iron-supplemented semisynthetic diets in T cell transfer colitis.

Gene expression alterations of human liver cancer cells following borax exposure.

Co-expression of the aryl hydrocarbon receptor and estrogen receptor in the developing teeth of rat offspring after rat mothers' exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin and the protective action of α -tocopherol and acetylsalicylic acid.

Genome-Wide Transcriptional Analysis Reveals Novel AhR Targets That Regulate Dendritic Cell Function during Influenza A Virus Infection.

Involvement of proinflammatory cytokines and metallothionein in the repairing of arsenic-mediated uterine tissue damage by curcumin.

Extragenital cutaneous warts - clinical presentation, diagnosis and treatment.

Role of dantrolene in dinitrophenol (DNP) overdose: A continuing question?

Rapid Analysis of Effects of Environmental Toxicants on Tumorigenesis and Inflammation Using a Transgenic Zebrafish Model for Liver Cancer.

Wound healing potential of oil extracted from *Parrotiopsis jacquemontiana* (Decne) Rehder.

Disruption of Telomere Integrity and DNA Repair Machineries by KML001 Induces T Cell Senescence, Apoptosis, and Cellular Dysfunctions.

High temperature aggravates the effects of pesticides in goldfish.

3-Methylcholanthrene Induces Chylous Ascites in TCDD-Inducible Poly-ADP-Ribose Polymerase (Tiparp) Knockout Mice.

Aromatic hydrocarbon receptor provides a link between smoking and rheumatoid arthritis in peripheral blood mononuclear cells.

Chiral phenoxyacetic acid analogues inhibit colon cancer cell proliferation acting as PPAR γ partial agonists.

Inhibition of NADPH oxidase by apocynin prevents learning and memory deficits in a mouse Parkinson's disease model.

Mangiferin alleviates arsenic induced oxidative lung injury via upregulation of the Nrf2-HO1 axis.

MIF inhibition enhances pulmonary angiogenesis and lung development in congenital diaphragmatic hernia.

Role of thymoquinone and ebselen in the prevention of sodium arsenite-induced nephrotoxicity in female rats.

3-Methyl-4-nitrophenol triggers nasal allergy by modulating dendritic cell properties.

Crizotinib-induced erosive esophagitis in a pediatric patient with neuroblastoma.

Role of Aryl Hydrocarbon Receptor (AhR) in the Regulation of Immunity and Immunopathology During *Trypanosoma cruzi* Infection.

PCB 126 induces monocyte/macrophage polarization and inflammation through AhR and NF- κ B pathways.

Cardiovascular Effects of PCB 126 (3,3',4,4',5-Pentachlorobiphenyl) in Zebrafish Embryos and Impact of Co-Exposure to Redox Modulating Chemicals.

A novel target for the promotion of dermal wound healing: Ryanodine receptors.

The aquaporin-4 inhibitor AER-271 blocks acute cerebral edema and improves early outcome in a pediatric model of asphyxial cardiac arrest.

hsa-miR-500a-3P alleviates kidney injury by targeting MLKL-mediated necroptosis in renal epithelial cells.

Sodium arsenite exposure impairs B cell proliferation and enhances vascular inflammation in *Plasmodium berghei* mouse model.

Mitochondrial Impairment in Oligodendroglial Cells Induces Cytokine Expression and Signaling.

Targeted deletion of the aryl hydrocarbon receptor in dendritic cells prevents thymic atrophy in response to dioxin.

Stars Are Not in Outer Space: Astrocytes Respond to Environmental Cues.

Polychlorinated biphenyl exposures differentially regulate hepatic metabolism and pancreatic function: Implications for nonalcoholic steatohepatitis and diabetes.

Thermographic evaluation of experimental pleurisy induced by carrageenan and modified by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Development of a database on key characteristics of human carcinogens.

Depressed prostaglandins and leukotrienes in veterans with Gulf War illness.

Protein-Bound Solute Clearance During Hemodialysis.

Exposure to environmental concentrations of hexachlorobenzene induces alterations associated with endometriosis progression in a rat model.

Sulforaphane promotes chlamydial infection by suppressing mitochondrial protein oxidation and activation of complement C3.

Prepubertal exposure to low doses of sodium arsenite impairs spermatogenesis and epididymal histophysiology in rats.

Effects of Simvastatin on Fetal Cardiac Impairment in the Diaphragmatic Experimental Hernia Model.

Aryl Hydrocarbon Receptor Modulates the Expression of TNF- α and IL-8 in Human Sebocytes via the MyD88-p65NF- κ B/p38MAPK Signaling Pathways.

Assessment of Acute Serum Iron, Non-Transferrin-Bound Iron, and Gastrointestinal Symptoms with 3-Week Consumption of Iron-Enriched *Aspergillus oryzae* Compared with Ferrous Sulfate.

Coupling the Patern \tilde{A}^2 -B \tilde{A} $\frac{1}{2}$ chi (PB) Reaction With Mass Spectrometry to Study Unsaturated Fatty Acids in Mouse Model of Multiple Sclerosis.

Activation of cannabinoid receptor type 2 reduces lung ischemia reperfusion injury through PI3K/Akt pathway.

Gut Microbiota in Alcoholic Hepatitis is Disparate from Those in Acute Alcoholic Pancreatitis and Biliary Disease.

Therapeutic potential of *Origanum vulgare* leaf hydroethanolic extract against renal oxidative stress and nephrotoxicity induced by paraquat in rats.

The Customizable E-cigarette Resistance Influences Toxicological Outcomes: Lung Degeneration, Inflammation, and Oxidative Stress-Induced in a Rat Model.

Cholestatic liver disease results increased production of reactive aldehydes and an atypical periportal hepatic antioxidant response.

AhR Activation by TCDD (2,3,7,8-Tetrachlorodibenzo-p-dioxin) Attenuates Pertussis Toxin-Induced Inflammatory Responses by Differential Regulation of Tregs and Th17 Cells Through Specific Targeting by microRNA.

Estrogen withdrawal and replacement differentially target liver and adipose tissues in female mice fed a high-fat high-sucrose diet: impact of a chronic exposure to a low-dose pollutant mixture(†).

Quantitation of Lipid Peroxidation Product DNA Adducts in Human Prostate by Tandem Mass Spectrometry: A Method That Mitigates Artifacts.

Hepatic heparan sulfate is a master regulator of hepcidin expression and iron homeostasis in human hepatocytes and mice.

Neuroprotective effects of anthocyanins and its major component cyanidin-3-O-glucoside (C3G) in the central nervous system: An outlined review.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced aryl hydrocarbon receptor activation enhanced the suppressive function of mesenchymal stem cells against splenocyte proliferation.

Exposure to diclofop-methyl induces immunotoxicity and behavioral abnormalities in zebrafish embryos.

Pyrazinamide may possess cardioprotective properties.

The active site of the *Mycobacterium tuberculosis* branched-chain amino acid biosynthesis enzyme dihydroxyacid dehydratase contains a 2Fe-2S cluster.

[Assessment of prenatal care for indigenous women in Brazil: findings from the First National Survey of Indigenous People's Health and Nutrition].

2,3,7,8-Tetrachlorodibenzo-p-dioxin modifies alternative splicing in mouse liver.

Astrocytic Oxidative/Nitrosative Stress Contributes to Parkinson's Disease Pathogenesis: The Dual Role of Reactive Astrocytes.

Effects of Pinacidil and Calcium on Succinate-Energized Rat Heart Mitochondria in the Presence of Rotenone.

Down-regulation of the inflammatory response after short-term exposure to low levels of chemical vapours.

Hermetia illucens larvae as a potential dietary protein source altered the microbiota and modulated mucosal immune status in the colon of finishing pigs.

The protective effects of bone mesenchymal stem cells on paraquat-induced acute lung injury via the muc5b and ERK/MAPK signaling pathways.

Altered Gene Expression in Dioxin-Like and Non-Dioxin-Like PCB Exposed Peripheral Blood Mononuclear Cells.

[Effects of exogenous ABA on translocation of photosynthate to fruit of Fuji apple during late stage of fruit rapid-swelling].

Very Low Protein Diet for Patients with Chronic Kidney Disease: Recent Insights.

Isolation of Myricitrin and 3,5-di-O-Methyl Gossypetin from Syzygium samarangense and Evaluation of their Involvement in Protecting Keratinocytes against Oxidative Stress via Activation of the Nrf-2 Pathway.

Organoselenotriazoles attenuate oxidative damage induced by mitochondrial dysfunction in mev-1 Caenorhabditis elegans mutants.

Attenuation of the effects of oxidative stress by the MAO-inhibiting antidepressant and carbonyl scavenger phenelzine.

Protective Effect of Hesperidin on Sodium Arsenite-Induced Nephrotoxicity and Hepatotoxicity in Rats.

A Protective Role of Aryl Hydrocarbon Receptor Repressor in Inflammation and Tumor Growth.

Evaluation of the developmental toxicity of 2,7-dibromocarbazole to zebrafish based on transcriptomics assay.

Immunomodulatory effects of synthetic endocrine disrupting chemicals on the development and functions of human immune cells.

TRPA1 channel contributes to myocardial ischemia-reperfusion injury.

Lipidomic profiling of subchronic As(4)S(4) exposure identifies inflammatory mediators as sensitive biomarkers in rats.

Transcriptomic Impact of IMA-08401, a Novel AHR Agonist Resembling Laquinimod, on Rat Liver.

The Differential Expression of Mitochondrial Function-Associated Proteins and Antioxidant Enzymes during Bovine Herpesvirus 1 Infection: A Potential Mechanism for Virus Infection-Induced Oxidative Mitochondrial Dysfunction.

Effects of fermentable high fiber diet supplementation on gut derived and conventional nitrogenous product in patients on maintenance hemodialysis: a randomized controlled trial.

ER stress differentially affects pro-inflammatory changes induced by mitochondrial dysfunction in the human monocytic leukemia cell line, THP-1.

Oxidative stress induces release of 2'-AMP from microglia.

Neuroprotective effects of baicalein in animal models of Parkinson's disease: A systematic review of experimental studies.

Cilostazol Attenuates Retinal Oxidative Stress and Inflammation in a Streptozotocin-Induced Diabetic Animal Model.

Association of Vitamin B(12), Lactate Dehydrogenase, and Regulation of NF- κ B in the Mitigation of Sodium Arsenite-Induced ROS Generation in Uterine Tissue by Commercially Available Probiotics.

IPSE, a urogenital parasite-derived immunomodulatory protein, ameliorates ifosfamide-induced hemorrhagic cystitis through downregulation of pro-inflammatory pathways.

TRPA1 Channel as a Regulator of Neurogenic Inflammation and Pain: Structure, Function, Role in Pathophysiology, and Therapeutic Potential of Ligands.

Molecular mechanism involved in cyclophosphamide-induced cardiotoxicity: Old drug with a new vision.

Environmental pollutant-mediated disruption of gut microbial metabolism of the prebiotic inulin.

RiboTag translomic profiling of *Drosophila* oenocytes under aging and induced oxidative stress.

Ameliorative effect of gallic acid on sodium arsenite-induced spleno-, cardio- and hemato-toxicity in rats.

Lung injury from inhaling butane hash oil mimics pneumonia.

Bioactive Lipids in Cancer, Inflammation and Related Diseases : Acute and Chronic Mild Traumatic Brain Injury Differentially Changes Levels of Bioactive Lipids in the CNS Associated with Headache.

Synthesis and Antibacterial Activity of Mefloquine-Based Analogs Against Sensitive and Resistant *Mycobacterium tuberculosis* Strains.

RESPIRATORY IMPACT OF ELECTRONIC CIGARETTES AND "LOW-RISK" TOBACCO.

Acetochlor poisoning presenting as acute genital edema: A case report.

Protective effect of lycopene against chemical and natural toxins: A review.

Effect of sub-chronic ferrous sulfate treatment on motor skills, hematological and biochemical parameters in rats.

Atypical Gasdermin D and Mixed Lineage Kinase Domain-like Protein Leakage Aggravates Tetrachlorobenzoquinone-Induced Nod-like Receptor Protein 3 Inflammasome Activation.

[Exploration about the protection mechanism of 5-hydroxy-1-methylhydantoin on paraquat poisoning model].

Apigenin reverses lung injury and immunotoxicity in paraquat-treated mice.

Protective effects of SOD2 overexpression in human umbilical cord mesenchymal stem cells on lung injury induced by acute paraquat poisoning in rats.

Secretogranin III may be an indicator of paraquat-induced astrocyte activation and affects the recruitment of BDNF during this process.

Evaluating Mode of Action of Acrolein Toxicity in an In Vitro Human Airway Tissue Model.

Müller glial dysfunction during diabetic retinopathy in rats is reduced by the acrolein-scavenging drug, 2-hydrazino-4,6-dimethylpyrimidine.

Lycopene Triggers Nrf2-AMPK Cross Talk to Alleviate Atrazine-Induced Nephrotoxicity in Mice.

Pendimethalin-induced oxidative stress, DNA damage and activation of anti-inflammatory and apoptotic markers in male rats.

Adsorption of 2,4-dichlorophenoxyacetic acid using rice husk biochar, granular activated carbon, and multi-walled carbon nanotubes in a fixed bed column system.

Exploring the potential benefit of natural product extracts in paraquat toxicity.

Paraquat-induced inflammatory response of microglia through HSP60/TLR4 signaling.

Protective effects of curcumin on acrolein-induced neurotoxicity in HT22 mouse hippocampal cells.

Does cyclophosphamide still play a role in glomerular diseases?

Procyanidin B2 protects rats from paraquat-induced acute lung injury by inhibiting NLRP3 inflammasome activation.

NF- κ B/p53-activated inflammatory response involves in diquat-induced mitochondrial dysfunction and apoptosis.

Vitamin D treatment abrogates the inflammatory response in paraquat-induced lung fibrosis.

Tanshinone IIA attenuates paraquat-induced acute lung injury by modulating angiotensin-converting enzyme 2/angiotensin(1-7) in rats.

Naringin protects acrolein-induced pulmonary injuries through modulating apoptotic signaling and inflammation signaling pathways in mice.

Atrazine-xenobiotic nuclear receptor interactions induce cardiac inflammation and endoplasmic reticulum stress in quail (*Coturnix coturnix coturnix*).

Bromoxynil and 2-methyl-4-chlorophenoxyacetic acid (MCPA) poisoning could be a bad combination.

Seagrass wasting disease: Nitrate enrichment and exposure to a herbicide (Diuron) increases susceptibility of *Zostera marina* to infection.

A new sight for paraquat poisoning from immunology.

Toxic effects of cyhalofop-butyl on embryos of the Yellow River carp (*Cyprinus carpio* var.): alters embryos hatching, development failure, mortality of embryos, and apoptosis.

High-dose acute exposure of paraquat induces injuries of swim bladder, gastrointestinal tract and liver via neutrophil-mediated ROS in zebrafish and their relevance for human health risk assessment.

The effects of Roundup on gametes and early development of common carp (*Cyprinus carpio* L).

[Acute pulmonary fibrosis associated with Paraquat poisoning. Report of one case].

A survival case of intravenous paraquat intoxication: A case report.

Pre-protective effects of dietary chitosan supplementation against oxidative stress induced by diquat in weaned piglets.

High-dose immunosuppression to prevent death after paraquat self-poisoning - a randomised controlled trial.

Atrazine Triggers Mitochondrial Dysfunction and Oxidative Stress in Quail (*Coturnix C. coturnix*) Cerebrum via Activating Xenobiotic-Sensing Nuclear Receptors and Modulating Cytochrome P450 Systems.

Modeling the effects of Irgarol 1051 on coral using lipidomic methodology for environmental monitoring and assessment.

Effect of glyphosate-based herbicide on hematological and hemopoietic parameters in common carp (*Cyprinus carpio* L).

[The anti-inflammatory effect of hesperetin on lung damage induced by paraquat in rats].

[The effect of pulmonary injury in rats induced by paraquat].

Apple procyanidins promote mitochondrial biogenesis and proteoglycan biosynthesis in chondrocytes.

Taurine protects noradrenergic locus coeruleus neurons in a mouse Parkinson's disease model by inhibiting microglial M1 polarization.

Serum immune responses in common carp (*Cyprinus carpio* L.) to paraquat exposure: The traditional parameters and circulating microRNAs.

Lethal and Sublethal Effects of the Herbicide Atrazine in the Early Stages of Development of *Physalaemus gracilis* (Anura: Leptodactylidae).

Treatment of Paraquat-Induced Lung Injury With an Anti-C5a Antibody: Potential Clinical Application.

2-Methyl-4-chlorophenoxyacetic acid (MCPA) and bromoxynil herbicide ingestion.

Taurine protects dopaminergic neurons in a mouse Parkinson's disease model through inhibition of microglial M1 polarization.

Naringenin Exerts Anti-inflammatory Effects in Paraquat-Treated SH-SY5Y Cells Through a Mechanism Associated with the Nrf2/HO-1 Axis.

Mesenchymal stem cell therapy for paraquat poisoning: A systematic review and meta-analysis of preclinical studies.

Effects of PQ's cytotoxicity on secretory vesicles in astroglia: Expression alternation of secretogranin II and its potential interaction with intracellular factors.

[Effect of sucralfate on cytokines in rat with paraquat poisoning].

Lipopolysaccharide-Induced Striatal Nitrosative Stress and Impaired Social Recognition Memory Are Not Magnified by Paraquat Coexposure.

Effects of glyphosate on early life stages: comparison between *Cyprinus carpio* and *Danio rerio*.

Effect of dietary supplementation with *Spirulina platensis* on Atrazine-induced oxidative stress-mediated hepatic damage and inflammation in the common carp (*Cyprinus carpio* L.).

Hepatotoxicity of paraquat on common carp (*Cyprinus carpio* L.).

A glyphosate micro-emulsion formulation displays teratogenicity in *Xenopus laevis*.

Pirfenidone protects against paraquat-induced lung injury and fibrosis in mice by modulation of inflammation, oxidative stress, and gene expression.

Impacts on the seagrass, *Zostera nigricaulis*, from the herbicide Fusilade Forte(®) used in the management of *Spartina anglica* infestations.

Silymarin attenuated paraquat-induced cytotoxicity in macrophage by regulating Trx/TXNIP complex, inhibiting NLRP3 inflammasome activation and apoptosis.

Inflammatory effects of acrolein, crotonaldehyde and hexanal vapors on human primary bronchial epithelial cells cultured at air-liquid interface.

Preference of Aerosolized Pirfenidone to Oral Intake: An Experimental Model of Pulmonary Fibrosis by Paraquat.

Cellular Senescence Is Induced by the Environmental Neurotoxin Paraquat and Contributes to Neuropathology Linked to Parkinson's Disease.

Acrolein-induced atherogenesis by stimulation of hepatic flavin containing monooxygenase 3 and a protection from hydroxytyrosol.

HIV and paraquat poisoning: fighting fire with fire?

Occupational koebnerization of psoriasis caused by glyphosate.

Neuroprotective Effects of Baicalein on Acrolein-induced Neurotoxicity in the Nigrostriatal Dopaminergic System of Rat Brain.

Lethal Bentazone Intoxication - A Report of Two Cases.

Effects of prolonged methylprednisolone treatment after pulse therapy for paraquat-intoxicated rats.

Carnosic Acid Induces Anti-Inflammatory Effects in Paraquat-Treated SH-SY5Y Cells Through a Mechanism Involving a Crosstalk Between the Nrf2/HO-1 Axis and NF- κ B.

Trans-cinnamaldehyde Modulates Hippocampal Nrf2 Factor and Inhibits Amyloid Beta Aggregation in LPS-Induced Neuroinflammation Mouse Model.

Phytantriol-based lyotropic liquid crystal as a transdermal delivery system.

Protective Effects of a Rho Kinase Inhibitor on Paraquat-Induced Acute Lung Injuries in Rats.

Cinnamaldehyde exerts vasculoprotective effects in hypercholesterolemic rabbits.

Prolonged low-dose cyclophosphamide treatment after pulse therapy attenuates lung injury in rats with paraquat intoxication.

The KCa3.1 blocker TRAM-34 inhibits proliferation of fibroblasts in paraquat-induced pulmonary fibrosis.

Novel action of vinpocetine in the prevention of paraquat-induced parkinsonism in mice: involvement of oxidative stress and neuroinflammation.

Trans-cinnamic aldehyde inhibits *Aggregatibacter actinomycetemcomitans*-induced inflammation in THP-1-derived macrophages via autophagy activation.

Allergenicity of acrolein-treated shrimp tropomyosin evaluated using RBL-2H3 cell and mouse model.

FGF21 attenuates pulmonary fibrogenesis through ameliorating oxidative stress in vivo and in vitro.

Submicron emulsion of cinnamaldehyde ameliorates bleomycin-induced idiopathic pulmonary fibrosis via inhibition of inflammation, oxidative stress and epithelial-mesenchymal transition.

Time for Targeted Therapies in Acute Respiratory Distress Syndrome? Understanding Every Single Piece of the Puzzle.

Short communication: Investigation of antibiotic alternatives to improve health and growth of veal calves.

Varying susceptibility of clinical and environmental *Scenedesporium* isolates to chemical oxidative stress in conidial germination.

Complement receptor 3 mediates NADPH oxidase activation and dopaminergic neurodegeneration through a Src-Erk-dependent pathway.

Neutrophil extracellular traps in acrolein promoted hepatic ischemia reperfusion injury: Therapeutic potential of NOX2 and p38MAPK inhibitors.

Astrocytic JWA deletion exacerbates dopaminergic neurodegeneration by decreasing glutamate transporters in mice.

The Neuroprotective Effects of Cinnamic Aldehyde in an MPTP Mouse Model of Parkinson's Disease.

Protective Effects of Chymostatin on Paraquat-Induced Acute Lung Injury in Mice.

Combination Therapy with Pirfenidone plus Prednisolone Ameliorates Paraquat-Induced Pulmonary Fibrosis.

Purinergic receptor P2Y6 contributes to 1-methyl-4-phenylpyridinium-induced oxidative stress and cell death in neuronal SH-SY5Y cells.

Immunomodulatory and therapeutic role of *Cinnamomum verum* extracts in collagen-induced arthritic BALB/c mice.

Orofacial antinociceptive effect of *Mimosa tenuiflora* (Willd.) Poiret.

Anti-inflammatory effect of cinnamaldehyde and linalool from the leaf essential oil of *Cinnamomum osmophloeum* Kanehira in endotoxin-induced mice.

Acrolein induces NLRP3 inflammasome-mediated pyroptosis and suppresses migration via ROS-dependent autophagy in vascular endothelial cells.

Anti-inflammatory effects of cinnamon extract and identification of active compounds influencing the TLR2 and TLR4 signaling pathways.

Inhibition of catalase activity with 3-amino-1,2,4-triazole intensifies bisphenol A (BPA)-induced toxicity in granulosa cells of female albino rats.

In vitro inhibition of food borne mutagens induced mutagenicity by cinnamon (*Cinnamomum cassia*) bark extract.

Antimycobacterial Activity of Cinnamaldehyde in a *Mycobacterium tuberculosis*(H37Ra) Model.

Inhibition of HSV-2 infection by pure compounds from *Thymus capitatus* extract in vitro.

Breakthrough dynamics of s-metolachlor metabolites in drinking water wells: Transport pathways and time to trend reversal.

Anti-inflammatory effects of trans-cinnamaldehyde on lipopolysaccharide-stimulated macrophage activation via MAPKs pathway regulation.

The sugarcane herbicide ametryn induces oxidative stress and developmental abnormalities in zebrafish embryos.

Risk management of ochratoxigenic fungi and ochratoxin A in maize grains by bioactive EVOH films containing individual components of some essential oils.

Effects of the herbicides linuron and S-metolachlor on Perez's frog embryos.

Taurine Inhibits TRPV-Dependent Activity to Overcome Oxidative Stress in *Caenorhabditis elegans*.

Dantrolene is not the answer to 2,4-dinitrophenol poisoning: more heated debate.

EF-Tu From Non-typeable *Haemophilus influenzae* Is an Immunogenic Surface-Exposed Protein Targeted by Bactericidal Antibodies.

Could resistant starch supplementation improve inflammatory and oxidative stress biomarkers and uremic toxins levels in hemodialysis patients? A pilot randomized controlled trial.

Retinoic acid co-treatment aggravates severity of dioxin-induced skin lesions in hairless mice via induction of inflammatory response.

Chiral pharmaceuticals: Environment sources, potential human health impacts, remediation technologies and future perspective.

Profile of three boron-containing compounds on the body weight, metabolism and inflammatory markers of diabetic rats.

Quantitative assessment of cyanide in cystic fibrosis sputum and its oxidative catabolism by hypochlorous acid.

Recognising the return of nutritional deficiencies: a modern pellagra puzzle.

Dioxin-like PCB 126 increases intestinal inflammation and disrupts gut microbiota and metabolic homeostasis.

Uremia Impacts VE-Cadherin and ZO-1 Expression in Human Endothelial Cell-to-Cell Junctions.

Anemia in Older Adults.

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin promotes inflammation in mouse testes: The critical role of Klotho in Sertoli cells.

Hepatocyte-Specific Deletion of TIPARP, a Negative Regulator of the Aryl Hydrocarbon Receptor, Is Sufficient to Increase Sensitivity to Dioxin-Induced Wasting Syndrome.

The Impact of Uremic Toxicity Induced Inflammatory Response on the Cardiovascular Burden in Chronic Kidney Disease.

Efficacy of Lactoferrin Oral Administration in the Treatment of Anemia and Anemia of Inflammation in Pregnant and Non-pregnant Women: An Interventional Study.

Sucrosomial(®) Iron Supplementation in Mice: Effects on Blood Parameters, Hepcidin, and Inflammation.

Impacts of Indoxyl Sulfate and p-Cresol Sulfate on Chronic Kidney Disease and Mitigating Effects of AST-120.

Uremic Toxins Activates Na/K-ATPase Oxidant Amplification Loop Causing Phenotypic Changes in Adipocytes in In Vitro Models.

Angptl2 deficiency attenuates paraquat (PQ)-induced lung injury in mice by altering inflammation, oxidative stress and fibrosis through NF- κ B pathway.

Protective effect of simvastatin on arterial plaque instability induced by p-cresyl sulfate.

Chemical Tools for Targeted Amplification of Reactive Oxygen Species in Neutrophils.

Elevated Arsenic Exposure Is Associated with an Increased Risk of Chronic Hepatitis B Virus Infection: NHANES (2003-2014) in U.S. Adults.

Immune response induced by major environmental pollutants through altering neutrophils in zebrafish larvae.

Associations of Arsenic Exposure With Telomere Length and Na⁺-ve T Cells in Childhood-A Birth Cohort Study.

LC-Q-TOF-MS based plasma metabolomic profile of subclinical pelvic inflammatory disease: A pilot study.

RASopathic comedone-like or cystic lesions induced by vemurafenib: a model of skin lesions similar but not identical to those induced by dioxins MADISH.

Protective Effect of Ellagic Acid Against Sodium Arsenite-Induced Cardio- and Hematotoxicity in Rats.

Oxymatrine attenuates lipopolysaccharide-induced acute lung injury by activating the epithelial sodium channel and suppressing the JNK signaling pathway.

ALDH2 Protects Against Ischemic Stroke in Rats by Facilitating 4-HNE Clearance and AQP4 Down-Regulation.

The Effect of Boric Acid and Borax on Oxidative Stress, Inflammation, ER Stress and Apoptosis in Cisplatin Toxication and Nephrotoxicity Developing as a Result of Toxication.

Iron pill aspiration: Cytologic and histologic findings of a potential life-threatening airway injury. A Case report and literature review.

Plasma p-cresol lowering effect of sevelamer in non-dialysis CKD patients: evidence from a randomized controlled trial.

A delayed proinflammatory response of human preadipocytes to PCB126 is dependent on the aryl hydrocarbon receptor.

Genetic or pharmacological superoxide-hydrogen peroxide imbalances modulate the in vitro effects of lithium on glycogen synthase kinase-3 β .

Metabolic profiles in community-acquired pneumonia: developing assessment tools for disease severity.

Mining a KrÄhnke Pyridine Library for Anti-Arenavirus Activity.

Towards Resolving the Pro- and Anti-Tumor Effects of the Aryl Hydrocarbon Receptor.

Protective Effect of Azadirachta indica and Vitamin E Against Arsenic Acid-Induced Genotoxicity and Apoptosis in Rats.

The effect of ellagic acid on photodynamic therapy in leukemia cells.

Microglial activation and the nitric oxide/cGMP/PKG pathway underlie enhanced neuronal vulnerability to mitochondrial dysfunction in experimental multiple sclerosis.

Modulation of intestinal microbiota, control of nitrogen products and inflammation by pre/probiotics in chronic kidney disease: a systematic review.

Quercetin-3-O-Î±-l-arabinopyranoside protects against retinal cell death via blue light-induced damage in human RPE cells and Balb-c mice.

Application of the key characteristics of carcinogens in cancer hazard identification.

The possible neuroprotective effect of ellagic acid on sodium arsenate-induced neurotoxicity in rats.

Dioxin-like PCB 126 Increases Systemic Inflammation and Accelerates Atherosclerosis in Lean LDL Receptor-Deficient Mice.

Role of Peroxiredoxin 2 in the Protection Against Ferrous Sulfate-Induced Oxidative and Inflammatory Injury in PC12 Cells.

Anti-inflammatory evaluation and characterization of leaf extract of *Ananas comosus*.

Diterpene ginkgolides meglumine injection protects against paraquat-induced lung injury and pulmonary fibrosis in rats.

Contributory Role of Gut Microbiota and Their Metabolites Toward Cardiovascular Complications in Chronic Kidney Disease.

Immediate tooth replantation: root canal filling for delayed initiation of endodontic treatment.

The impaired immune function and structural integrity by dietary iron deficiency or excess in gill of fish after infection with *Flavobacterium columnare*: Regulation of NF- κ B, TOR, JNK, p38MAPK, Nrf2 and MLCK signalling.

Metabolic characterization of human aqueous humor in the cataract progression after pars plana vitrectomy.

Prenatal exposure to TCDD and atopic conditions in the Seveso second generation: a prospective cohort study.

Vascular Hyperpermeability Response in Animals Systemically Exposed to Arsenic.

Roles of cytosolic phospholipase A(2) β in reproductive and systemic toxicities in 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed mice.

The Role of Cytochromes P450 in Infection.

High AHR expression in breast tumors correlates with expression of genes from several signaling pathways namely inflammation and endogenous tryptophan metabolism.

Pesticide use, allergic rhinitis, and asthma among US farm operators.

[About a cresol intoxication].

Thymoquinone is protective against 2,3,7,8-tetrachlorodibenzo-p-dioxin induced hepatotoxicity.

The protective action of tocopherol and acetylsalicylic acid on the behavior of rats treated with dioxins.

Probiotic Supplementation in Chronic Kidney Disease: A Double-blind, Randomized, Placebo-controlled Trial.

Utility of fur as a biomarker for persistent organic pollutants in Australian fur seals (*Arctocephalus pusillus doriferus*).

Elucidating Conserved Transcriptional Networks Underlying Pesticide Exposure and Parkinson's Disease: A Focus on Chemicals of Epidemiological Relevance.

Parkinsonian Neurotoxins Impair the Pro-inflammatory Response of Glial Cells.

Occurrence of emerging pollutants in estuaries of the Basque Country: Analysis of sources and distribution, and assessment of the environmental risk.

Therapy with high-dose long-term antioxidant free radicals for severe paraquat poisoning: A pilot study.

Release and toxicity of adipose tissue-stored TCDD: Direct evidence from a xenografted fat model.

CYP1A1 and 1B1-mediated metabolic pathways of dolutegravir, an HIV integrase inhibitor.

Pesticide toxicity: a mechanistic approach.

Dynamics study on the role of curcumin on TGF- β 1 expression and pathological changes in acute paraquat poisoned rats.

Structure and inflammatory activity of the LPS isolated from *Acetobacter pasteurianus* CIP103108.

Dioxin leaching risk assessment through selected soils by estimating distribution coefficient and breakthrough curves.

Utility of Serum miR-122, Liver Enzymes, and Hepatic Histopathology in Response to Hepatotoxicants in Sprague-Dawley Rats.

Nrf2 Signaling in Sodium Azide-Treated Oligodendrocytes Restores Mitochondrial Functions.

Reduced intestinal epithelial mitochondrial function enhances in vitro interleukin-8 production in response to commensal *Escherichia coli*.

The Chemical Compositions of *Angelica pubescens* Oil and Its Prevention of UV-B Radiation-Induced Cutaneous Photoaging.

Supplementation of Short-Chain Fatty Acid, Sodium Propionate, in Patients on Maintenance Hemodialysis: Beneficial Effects on Inflammatory Parameters and Gut-Derived Uremic Toxins, A Pilot Study (PLAN Study).

Bushfire smoke is pro-inflammatory and suppresses macrophage phagocytic function.

RXFP1 Receptor Activation by Relaxin-2 Induces Vascular Relaxation in Mice via a G β (i2)-Protein/PI3K β /Nitric Oxide-Coupled Pathway.

A review of current studies on cellular and molecular mechanisms underlying pulmonary fibrosis induced by chemicals.

Roles of dietary supplementation with arginine or N-carbamylglutamate in modulating the inflammation, antioxidant property, and mRNA expression of antioxidant-relative signaling molecules in the spleen of rats under oxidative stress.

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin increases the activation of aryl hydrocarbon receptor and is associated with the aggressiveness of osteosarcoma MG-63 osteoblast-like cells.

Activation of aryl hydrocarbon receptor regulates the LPS/IFN γ -induced inflammatory response by inducing ubiquitin-proteosomal and lysosomal degradation of RelA/p65.

Modulating effect of selected pharmaceuticals on bone in female rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Epigenetic underpinnings of developmental immunotoxicity and autoimmune disease.

Sources of free radicals and oxidative stress in the oral cavity.

Acetyl-L-Carnitine Attenuates Arsenic-Induced Oxidative Stress and Hippocampal Mitochondrial Dysfunction.

Aryl Hydrocarbon Receptor Regulates Apoptosis and Inflammation in a Murine Model of Experimental Autoimmune Uveitis.

Food Chemicals Disrupt Human Gut Microbiota Activity And Impact Intestinal Homeostasis As Revealed By In Vitro Systems.

Lung injury caused by paraquat poisoning results in increased interleukin-6 and decreased microRNA-146a levels.

Ellagic acid: A promising protective remedy against testicular toxicity induced by arsenic.

PI3K/Akt/GSK3 β induced CREB activation ameliorates arsenic mediated alterations in NMDA receptors and associated signaling in rat hippocampus: Neuroprotective role of curcumin.

Pharmacologic modeling of primary mitochondrial respiratory chain dysfunction in zebrafish.

Gain-of-function mutation of AtDICE1, encoding a putative endoplasmic reticulum-localized membrane protein, causes defects in anisotropic cell elongation by disturbing cell wall integrity in Arabidopsis.

Systemic Acrolein Elevations in Mice With Experimental Autoimmune Encephalomyelitis and Patients With Multiple Sclerosis.

The gut microbiota metabolite indole alleviates liver inflammation in mice.

Metabolomic assessment of arsenite toxicity and novel biomarker discovery in early development of zebrafish embryos.

Key genes and pathways in measles and their interaction with environmental chemicals.

Hyperbaric oxygen as a treatment modality in cyclophosphamide-induced hemorrhagic cystitis.

Elevated Nrf-2 responses are insufficient to mitigate protein carbonylation in hepatospecific PTEN deletion mice.

Mutagenicity and antimutagenicity of *Salacia crassifolia* (mart. Ex. Schult.) G. Don. evaluated by Ames test.

Palmitic acid induces neurotoxicity and gliotoxicity in SH-SY5Y human neuroblastoma and T98G human glioblastoma cells.

Environmental and human health risk indicators for agricultural pesticides in estuaries.

ER-stress mobilization of death-associated protein kinase-1-dependent xenophagy counteracts mitochondria stress-induced epithelial barrier dysfunction.

Acetobacter indonesiensis Pneumonia after Lung Transplantation.

Dysregulation of Intestinal Health by Environmental Pollutants: Involvement of the Estrogen Receptor and Aryl Hydrocarbon Receptor.

Modification and quantification of in vivo EROD live-imaging with zebrafish (*Danio rerio*) embryos to detect both induction and inhibition of CYP1A.

The Initiation Factors eIF2, eIF2A, eIF2D, eIF4A, and eIF4G Are Not Involved in Translation Driven by Hepatitis C Virus IRES in Human Cells.

Dysregulation of antioxidant responses in patients diagnosed with concomitant Primary Sclerosing Cholangitis/Inflammatory Bowel Disease.

Mersalyl prevents the TI(+)-induced permeability transition pore opening in the inner membrane of Ca(2+)-loaded rat liver mitochondria.

Potential Prognostic, Diagnostic and Therapeutic Markers for In-stent Reocclusion in Advanced Age Patients After Coronary Stenting.

Arsenite exposure potentiates apoptosis-inducing effects of tumor necrosis factor- α - through reactive oxygen species.

A case of herbicide-induced acute fibrinous and organizing pneumonia?

Imbalance of Th17/Treg in the Pathogenesis of Mice with Paraquat-induced Acute Lung Injury.

Propolis supplementation attenuates the negative effects of oxidative stress induced by paraquat injection on productive performance and immune function in turkey poults.

Alda-1 Protects Against Acrolein-Induced Acute Lung Injury and Endothelial Barrier Dysfunction.

The rise of glyphosate and new opportunities for biosentinel early-warning studies.

Effect of resveratrol and tetracycline on the subacute paraquat toxicity in mice.

Mixture Toxicity of Bensulfuron-Methyl and Acetochlor to Red Swamp Crayfish (*Procambarus clarkii*): Behavioral, Morphological and Histological Effects.

Porous Se@SiO₂ nanospheres treated paraquat-induced acute lung injury by resisting oxidative stress.

[The effect of captopril and losartan on paraquat-induced pulmonary fibrosis and PIGF expression in the lungs of rats].

[Mono-carbonyl analogues of curcumin prevents paraquat-induced apoptosis in HK-2 cell line by inhibiting oxidative damage and inflammation].

[Effects of small RNA interference targeting mammalian target of rapamycin on paraquat-induced pulmonary fibrosis in rats].

Cyclophosphamide and acrolein induced oxidative stress leading to deterioration of metaphase II mouse oocyte quality.

Gender-specific histopathological response in guppies *Poecilia reticulata* exposed to glyphosate or its metabolite aminomethylphosphonic acid.

Role of metabolites of cyclophosphamide in cardiotoxicity.

Efficacy of *Spirulina platensis* diet supplements on disease resistance and immune-related gene expression in *Cyprinus carpio* L. exposed to herbicide atrazine.

Respiratory Effects and Systemic Stress Response Following Acute Acrolein Inhalation in Rats.

Flavored e-cigarette liquids and cinnamaldehyde impair respiratory innate immune cell function.

Biomarkers of Chronic Acrolein Inhalation Exposure in Mice: Implications for Tobacco Product-Induced Toxicity.

JNK Inhibitor SP600125 Attenuates Paraquat-Induced Acute Lung Injury: an In Vivo and In Vitro Study.

In vivo cardiovascular toxicity induced by acetochlor in zebrafish larvae.

Early developmental exposure to pentachlorophenol causes alterations on mRNA expressions of caspase protease family in zebrafish embryos.

An approach to clarify the effect mechanism of glyphosate on body malformations during embryonic development of zebrafish (*Danio rerio*).

Tanshinone I Induces Mitochondrial Protection through an Nrf2-Dependent Mechanism in Paraquat-Treated Human Neuroblastoma SH-SY5Y Cells.

Experimental study of sucralfate intervention for paraquat poisoning in rats.

Toxicity of clomazone and its formulations to zebrafish embryos (*Danio rerio*).

Arginine metabolism and its protective effects on intestinal health and functions in weaned piglets under oxidative stress induced by diquat.

Levels of oxylipins, endocannabinoids and related lipids in plasma before and after low-level exposure to acrolein in healthy individuals and individuals with chemical intolerance.

Dimercaprol is an acrolein scavenger that mitigates acrolein-mediated PC-12 cells toxicity and reduces acrolein in rat following spinal cord injury.

[Changes of integrin-linked kinase expression on rats' pulmonary fibrosis induced by paraquat].

[The study of using salvianolate treat acute lung injury in rats induced by paraquat].

Molecular mechanisms of anti-oxidant and anti-aging effects induced by convallatoxin in *Caenorhabditis elegans*.

Potential mechanisms of development-dependent adverse effects of the herbicide paraquat in 3D rat brain cell cultures.

Reduced expression of selective immune-related genes in silver catfish (*Rhamdia quelen*) monocytes exposed to atrazine.

Dendritic cells' death induced by contact sensitizers is controlled by Nrf2 and depends on glutathione levels.

Effects of airborne toxicants on pulmonary function and mitochondrial DNA damage in rodent lungs.

Fluazifop-p-butyl, an aryloxyphenoxypropionate herbicide, diminishes renal and hepatic functions and triggers testicular oxidative stress in orally exposed rats.

Paraquat poisoning: Acute lung injury - a missed diagnosis.

[The study of using cordyceps-astragalus-salvia miltiorrhiza to treat acute lung injury induced by paraquat poisoning in rats].

Acrolein acts as a neurotoxin in the nigrostriatal dopaminergic system of rat: involvement of α -synuclein aggregation and programmed cell death.

HMGB1-TLR4-IL23-IL17A axis promotes paraquat-induced acute lung injury by mediating neutrophil infiltration in mice.

Nephrotoxicity-induced proteinuria increases biomarker diagnostic thresholds in acute kidney injury.

Lichen microalgae are sensitive to environmental concentrations of atrazine.

Paraquat and maneb co-exposure induces noradrenergic locus coeruleus neurodegeneration through NADPH oxidase-mediated microglial activation.

Exposures to the environmental toxicants pentachlorophenol (PCP) and dichlorodiphenyltrichloroethane (DDT) modify secretion of interleukin 1-beta ($IL-1\beta$) from human immune cells.

Pesticides are Associated with Allergic and Non-Allergic Wheeze among Male Farmers.

Acrolein Inhalation Alters Myocardial Synchrony and Performance at and Below Exposure Concentrations that Cause Ventilatory Responses.

MyD88 gene knockout attenuates paraquat-induced acute lung injury.

Toxicity effects of an environmental realistic herbicide mixture on the seagrass *Zostera noltei*.

Effects of pentachlorophenol and dichlorodiphenyltrichloroethane on secretion of interferon gamma ($IFN\gamma$) and tumor necrosis factor alpha ($TNF\alpha$) from human immune cells.

Developmental toxicity of 2,4-dichlorophenoxyacetic acid in zebrafish embryos.

Ustiloxin G, a New Cyclopeptide Mycotoxin from Rice False Smut Balls.

Basagran (\hat{A}) induces developmental malformations and changes the bacterial community of zebrafish embryos.

Epigallocatechin-3-gallate alleviates paraquat-induced acute lung injury and inhibits upregulation of toll-like receptors.

A glyphosate-based herbicide induces histomorphological and protein expression changes in the liver of the female guppy *Poecilia reticulata*.

Toll-like receptor 4 ablation rescues against paraquat-triggered myocardial dysfunction: Role of ER stress and apoptosis.

Evaluation of Complex Toxicity of Carbon Nanotubes and Sodium Pentachlorophenol Based on Earthworm Coelomocytes Test.

Resveratrol and Montelukast Alleviate Paraquat-Induced Hepatic Injury in Mice: Modulation of Oxidative Stress, Inflammation, and Apoptosis.

Vasculitic Neuropathy Following Exposure to a Glyphosate-based Herbicide.

Liver X Receptor Agonist TO901317 Attenuates Paraquat-Induced Acute Lung Injury through Inhibition of NF- κ B and JNK/p38 MAPK Signal Pathways.

Atorvastatin protected from paraquat-induced cytotoxicity in alveolar macrophages via down-regulation of TLR-4.

Beneficial Effects of the Amino Acid Glycine.

Novel tetrazole and cyanamide derivatives as inhibitors of cyclooxygenase-2 enzyme: design, synthesis, anti-inflammatory evaluation, ulcerogenic liability and docking study.

[Protective effect of thalidomide on ALI induced by paraquat poisoning in rats and its mechanism].

Effects of herbal extracts and compounds and pharmacological agents on pulmonary fibrosis in animal models: a review.

Coadministration of isomalto-oligosaccharides augments metabolic health benefits of cinnamaldehyde in high fat diet fed mice.

Inhibition of NLRP3 inflammasome: a new protective mechanism of cinnamaldehyde in endotoxin poisoning of mice.

Interleukin-17A Plays the Same Role on Mice Acute Lung Injury Respectively Induced by Lipopolysaccharide and Paraquat.

Acrolein Scavenger Hydralazine Prevents Streptozotocin-Induced Painful Diabetic Neuropathy and Spinal Neuroinflammation in Rats.

Pinocembrin Provides Mitochondrial Protection by the Activation of the Erk1/2-Nrf2 Signaling Pathway in SH-SY5Y Neuroblastoma Cells Exposed to Paraquat.

Supplementation of Spirulina (*Arthrospira platensis*) Improves Lifespan and Locomotor Activity in Paraquat-Sensitive DJ-1^{Δ93} Flies, a Parkinson's Disease Model in *Drosophila melanogaster*.

Cinnamon reduces inflammatory response in intestinal fibroblasts in vitro and in colitis in vivo leading to decreased fibrosis.

Carbenoxolone inhibits TRPV4 channel-initiated oxidative urothelial injury and ameliorates cyclophosphamide-induced bladder dysfunction.

The protective effect of cinnamaldehyde on lipopolysaccharide induced acute lung injury in mice.

Contribution of PPAR α in modulation of acrolein-induced inflammatory signaling in gp91(phox) knock-out mice.

Activation of MMP-9 activity by acrolein in saliva from patients with primary Sjögren's syndrome and its mechanism.

Contact sensitizers trigger human CD1-autoreactive T-cell responses.

NLRP3 inflammasome activation regulated by NF- κ B and DAPK contributed to paraquat-induced acute kidney injury.

Cromolyn Sodium Attenuates Paraquat-Induced Lung Injury by Modulation of Proinflammatory Cytokines.

Chloroquine attenuates paraquat-induced lung injury in mice by altering inflammation, oxidative stress and fibrosis.

Curcumin Rescues a PINK1 Knock Down SH-SY5Y Cellular Model of Parkinson's Disease from Mitochondrial Dysfunction and Cell Death.

Cinnamaldehyde potentially attenuates gestational hyperglycemia in rats through modulation of PPAR α , proinflammatory cytokines and oxidative stress.

Novel 2,4-dichlorophenoxy acetic acid substituted thiazolidin-4-ones as anti-inflammatory agents: Design, synthesis and biological screening.

Antipruritic Effect of Cold-induced and Transient Receptor Potential-agonist-induced Counter-irritation on Histaminergic Itch in Humans.

Cinnamaldehyde Ameliorates Diet-Induced Obesity in Mice by Inducing Browning of White Adipose Tissue.

Cinnamaldehyde Analogues as Potential Therapeutic Agents.

Cinnamaldehyde protects human dental pulp cells against oxidative stress through the Nrf2/HO-1-dependent antioxidant response.

[Curative effect of paraquat detoxification recipe combined with continuous hemoperfusion in the treatment of patients with APP and clinical value of Presepsin].

[Protective effect of 5-aminosalicylic acid on the kidney of paraquat poisoning rats by Nrf2-ARE signal pathway].

Evaluation of antibacterial potential and toxicity of plant volatile compounds using new broth microdilution volatilization method and modified MTT assay.

Preparation of a calcium carbonate-based bone substitute with cinnamaldehyde crosslinking agent with potential anti-inflammatory properties.

Autophagy deficient keratinocytes display increased DNA damage, senescence and aberrant lipid composition after oxidative stress in vitro and in vivo.

IFN- γ regulates xanthine oxidase-mediated iNOS-independent oxidative stress in maneb- and paraquat-treated rat polymorphonuclear leukocytes.

The Evaluation of Antioxidant and Anti-Inflammatory Effects of *Eucommia ulmoides* Flavones Using Diquat-Challenged Piglet Models.

Phytotoxic, Antifungal and Immunosuppressive Metabolites from *Aspergillus terreus* QT122 Isolated from the Gut of Dragonfly.

Conjugation of nitrated acetaminophen to Der p1 amplifies peripheral blood monocyte response to Der p1.

Tooth development disorders in infants of rat dams exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin and protective role of tocopherol and acetylsalicylic acid.

Chloracne in a Farming Family.

Expression of aryl hydrocarbon receptor, inflammatory cytokines, and incidence of rheumatoid arthritis in Vietnamese dioxin-exposed people.

2,3,7,8-Tetrachlorodibenzo-p-dioxin influences bovine herpesvirus 1 replication through upregulation of SIRT3 and cytoskeletal reorganization.

Editor's Highlight: PCB126 Exposure Increases Risk for Peripheral Vascular Diseases in a Liver Injury Mouse Model.

Elucidation of protective efficacy of Pentahydroxy flavone isolated from *Madhuca indica* against arsenite-induced cardiomyopathy: Role of Nrf-2, PPAR- γ , c-fos and c-jun.

Quillaja saponaria bark saponin protects Wistar rats against ferrous sulphate-induced oxidative and inflammatory liver damage.

Enhancing miR-132 expression by aryl hydrocarbon receptor attenuates tumorigenesis associated with chronic colitis.

A Toddler With Severe Anemia, Pica, and Extremity Swelling.

Carnosic Acid Protects Mitochondria of Human Neuroblastoma SH-SY5Y Cells Exposed to Paraquat Through Activation of the Nrf2/HO-1 Axis.

Effects of Orally Ingested Arsenic on Respiratory Epithelial Permeability to Bacteria and Small Molecules in Mice.

The human bitter taste receptor T2R38 is broadly tuned for bacterial compounds.

Chronic exposure of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces an obesogenic effect in C57BL/6J mice fed a high fat diet.

The anti-migraine component of butterbur extracts, isopetasin, desensitizes peptidergic nociceptors by acting on TRPA1 cation channel.

Antimicrobial agents, triclosan, chloroxylenol, methylisothiazolinone and borax, used in cleaning had genotoxic and histopathologic effects on rainbow trout.

Short Chain Fatty Acids Enhance Aryl Hydrocarbon (Ah) Responsiveness in Mouse Colonocytes and Caco-2 Human Colon Cancer Cells.

Increased Frequency of Rheumatoid Arthritis and Allergic Rhinitis among Pesticide Sprayers and Associations with Pesticide Use.

The Complex Biology of the Aryl Hydrocarbon Receptor and Its Role in the Pituitary Gland.

Tert-butylhydroquinone protects PC12 cells against ferrous sulfate-induced oxidative and inflammatory injury via the Nrf2/ARE pathway.

Pesticide Exposure and Risk of Rheumatoid Arthritis among Licensed Male Pesticide Applicators in the Agricultural Health Study.

Absence of the NOD2 protein renders epithelia more susceptible to barrier dysfunction due to mitochondrial dysfunction.

Outbreak of Occupational Dermatitis Associated With *Pyemotes ventricosus*.

Dioxin-induced increase in leukotriene B4 biosynthesis through the aryl hydrocarbon receptor and its relevance to hepatotoxicity owing to neutrophil infiltration.

The decreased growth performance and impaired immune function and structural integrity by dietary iron deficiency or excess are associated with TOR, NF- κ B, p38MAPK, Nrf2 and MLCK signaling in head kidney, spleen and skin of grass carp (*Ctenopharyngodon idella*).

Progesterone resistance in endometriosis: origins, consequences and interventions.

The Influence of α -Tocopherol on Serum Biochemical Markers During Experimentally Induced Pleuritis in Rats Exposed to Dioxin.

Oral Iron Treatment Response and Predictors in Anaemic Adolescents and Adults with IBD: A Prospective Controlled Open-Label Trial.

A bio-chemical application of N-GQDs and g-C(3)N(4) QDs sensitized TiO(2) nanopillars for the quantitative detection of pCDNA3-HBV.

TCF21 and the environmental sensor aryl-hydrocarbon receptor cooperate to activate a pro-inflammatory gene expression program in coronary artery smooth muscle cells.

Dioxins and related environmental contaminants increase TDP-43 levels.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces hepatic stellate cell (HSC) activation and liver fibrosis in C57BL6 mouse via activating Akt and NF- κ B signaling pathways.

Sodium azide suppresses LPS-induced expression MCP-1 through regulating $\text{I}\kappa\text{B}\alpha$ and STAT1 activities in macrophages.

Iron Supplements Modulate Colon Microbiota Composition and Potentiate the Protective Effects of Probiotics in Dextran Sodium Sulfate-induced Colitis.

DNP, mitochondrial uncoupling, and neuroprotection: A little dab'll do ya.

Fecal metagenomic profiles in subgroups of patients with myalgic encephalomyelitis/chronic fatigue syndrome.

Lipidomic Evaluation of Aryl Hydrocarbon Receptor-Mediated Hepatic Steatosis in Male and Female Mice Elicited by 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Convergence of hepcidin deficiency, systemic iron overloading, heme accumulation, and REV-ERB α/β activation in aryl hydrocarbon receptor-elicited hepatotoxicity.

Tyrosine kinase inhibition is an important factor for gene expression of CRTH2 in human eosinophils and lymphocytes: A novel mechanism for explaining eosinophils recruitment by the neuro-immune axis in allergic rhinitis.

Arsenic exposure alters lung function and airway inflammation in children: A cohort study in rural Bangladesh.

Inhibition of Kupffer cell functions modulates arsenic intoxication in Wistar rats.

Low concentration of uncouplers of oxidative phosphorylation decreases the TNF-induced endothelial permeability and lethality in mice.

Intracellular ATP in balance of pro- and anti-inflammatory cytokines in adipose tissue with and without tissue expansion.

Protective effects of levamisole, acetylsalicylic acid, and α -tocopherol against dioxin toxicity measured as the expression of AhR and COX-2 in a chicken embryo model.

Immunomodulation of cell-penetrating tat-metallothionein for successful outcome of xenotransplanted pancreatic islet.

Dioxin-like rather than non-dioxin-like PCBs promote the development of endometriosis through stimulation of endocrine-inflammation interactions.

The Role of a FAD Cofactor in the Regulation of Acetohydroxyacid Synthase by Redox Signaling Molecules.

Dose-response characteristics of Clematis triterpenoid saponins and clematichinenoside AR in rheumatoid arthritis rats by liquid chromatography/mass spectrometry-based serum and urine metabolomics.

IL-27 triggers IL-10 production in Th17 cells via a c-Maf/ROR γ t/Blimp-1 signal to promote the progression of endometriosis.

Pharmacologic Impact (aka "Breaking Bad") of Medications on Wound Healing and Wound Development: A Literature-based Overview.

Chronic Exposure to Low Doses of Dioxin Promotes Liver Fibrosis Development in the C57BL/6J Diet-Induced Obesity Mouse Model.

From the Cover: Embryonic Exposure to TCDD Impacts Osteogenesis of the Axial Skeleton in Japanese medaka, *Oryzias latipes*.

2,3,7,8-tetrachlorodibenzo-p-dioxin and the viral infection.

Epidemiology of endometriosis and its comorbidities.

Aryl hydrocarbon receptor suppresses the osteogenesis of mesenchymal stem cells in collagen-induced arthritic mice through the inhibition of β -catenin.

[Uremic toxins and gut micro biome].

CCL2 is Upregulated by Decreased miR-122 Expression in Iron-Overload-Induced Hepatic Inflammation.

Mitochondrial Uncoupler Prodrug of 2,4-Dinitrophenol, MP201, Prevents Neuronal Damage and Preserves Vision in Experimental Optic Neuritis.

Arsenite Induces Vascular Endothelial Cell Dysfunction by Activating IRE1 α /XBP1s/HIF1 α -Dependent ANGII Signaling.

Extensin-4 protects kidney from acute ischemia-reperfusion injury through upregulation of NRF2 signaling.

Toxic effects of polybrominated diphenyl ethers (BDE 47 and 99) and localization of BDE-99-induced cyp1a mRNA in zebrafish larvae.

Pinocembrin, a novel histidine decarboxylase inhibitor with anti-allergic potential in vitro.

Doxycycline attenuates paraquat-induced pulmonary fibrosis by downregulating the TGF- β 2 signaling pathway.

Editor's Highlight: Ah Receptor Activation Potentiates Neutrophil Chemoattractant (C-X-C Motif) Ligand 5 Expression in Keratinocytes and Skin.

Imbalanced immune responses involving inflammatory molecules and immune-related pathways in the lung of acute and subchronic arsenic-exposed mice.

Benzene exposure is associated with cardiovascular disease risk.

Acute toxicity of commercial atrazine in *Piaractus mesopotamicus*: Histopathological, ultrastructural, molecular, and genotoxic evaluation.

Inhibition of ALDH2 expression aggravates renal injury in a rat sepsis syndrome model.

Polychlorinated biphenyls disrupt hepatic epidermal growth factor receptor signaling.

Gerontoxanthone B from *Maclura cochinchinensis* var. *gerontogea* exhibits anti-inflammatory potential as an aryl hydrocarbon receptor agonist.

Predictors of acute kidney injury after paraquat intoxication.

Patchouli oil ameliorates acute colitis: A targeted metabolite analysis of 2,4,6-trinitrobenzenesulfonic acid-induced rats.

Targeted metabolomics analysis of aromatic amino acids and their gut microbiota-host cometabolites in rat serum and urine by liquid chromatography coupled with tandem mass spectrometry.

Identification of tissue-specific transcriptional markers of caloric restriction in the mouse and their use to evaluate caloric restriction mimetics.

Organic micropollutants (OMPs) oxidation by ozone: Effect of activated carbon on toxicity abatement.

Real-Time Amperometric Recording of Extracellular H_2O_2 in the Brain of Immunocompromised Mice: An In Vitro, Ex Vivo and In Vivo Characterisation Study.

Zinc and Copper Metabolism and Risk of Autism: a reply to Sayehmiri et al.

Toxicological characterisation of two novel selective aryl hydrocarbon receptor modulators in Sprague-Dawley rats.

Potential role of heme metabolism in the inducible expression of heme oxygenase-1.

Pneumocystis Pneumonia Infection in a Survivor of Paraquat Intoxication.

Histopathological changes in zebrafish embryos exposed to DLPCBs extract from Zhanjiang coastal sediment.

Aryl hydrocarbon receptor upregulates IL-1 β expression in hCMEC/D3 human cerebral microvascular endothelial cells after TCDD exposure.

Expression of advanced glycation end-products and NF κ B in chick embryos exposed to dioxins and treated with acetylsalicylic acid and α -tocopherol.

Role of transient receptor potential ankyrin 1 receptors in rodent models of meningeal nociception - Experiments in vitro.

Fumarate Copolymer-Chitosan Cross-Linked Scaffold Directed to Osteochondrogenic Tissue Engineering.

Diet-induced obesity alters dural CGRP release and potentiates TRPA1-mediated trigeminovascular responses.

Uncovering Potential Applications of Cyanobacteria and Algal Metabolites in Biology, Agriculture and Medicine: Current Status and Future Prospects.

DNA damage by lipid peroxidation products: implications in cancer, inflammation and autoimmunity.

[Quality of prenatal services in primary healthcare in Brazil: indicators and social inequalities].

The Influence of pH on the Scleroglucan and Scleroglucan/Borax Systems.

Paraquat disrupts the anti-inflammatory action of cortisol in human macrophages in vitro: therapeutic implications for paraquat intoxications.

Differential effect of early antibiotic intervention on bacterial fermentation patterns and mucosal gene expression in the colon of pigs under diets with different protein levels.

Discernment scheme for paraquat poisoning: A five-year experience in Shiraz, Iran.

Environmental Factors Impacting Bone-Relevant Chemokines.

The aryl hydrocarbon receptor repressor - More than a simple feedback inhibitor of AhR signaling: Clues for its role in inflammation and cancer.

Mumps caused by paraquat-induced poisoning: A case report.

Review of Advances in Uroprotective Agents for Cyclophosphamide- and Ifosfamide-induced Hemorrhagic Cystitis.

The Anti-Inflammatory and Vasodilating Effects of Three Selected Dietary Organic Sulfur Compounds from Allium Species.

Aryl hydrocarbon receptor (AhR)-dependent regulation of pulmonary miRNA by chronic cigarette smoke exposure.

Crosstalk between Aryl Hydrocarbon Receptor and Glucocorticoid Receptor in Human Retinal Pigment Epithelial Cells.

Uncovering the Molecular Mechanism of Anti-Allergic Activity of Silkworm Pupa-Grown Cordyceps militaris Fruit Body.

Feeble Antipyretic, Analgesic, and Anti-inflammatory Activities were Found with Regular Dose 4'-O- β -D-Glucosyl-5-O-Methylvisamminol, One of the Conventional Marker Compounds for Quality Evaluation of Radix Saposhnikoviae.

The adjuvant use of calcium fructoborate and borax with etanercept in patients with rheumatoid arthritis: Pilot study.

Intravenous injection of Xuebijing attenuates acute kidney injury in rats with paraquat intoxication.

From dioxin toxicity to putative physiologic functions of the human Ah receptor in homeostasis of stem/progenitor cells.

Histone deacetylase inhibitors mediate DNA damage repair in ameliorating hemorrhagic cystitis.

Curcumin inhibits paraquat induced lung inflammation and fibrosis by extracellular matrix modifications in mouse model.

Effect on the growth and development and induction of abnormalities by a glyphosate commercial formulation and its active ingredient during two developmental stages of the South-American Creole frog, *Leptodactylus latrans*.

Stereoselective induction of developmental toxicity and immunotoxicity by acetochlor in the early life stage of zebrafish.

Carvedilol attenuates paraquat-induced lung injury by inhibition of proinflammatory cytokines, chemokine MCP-1, NF- κ B activation and oxidative stress mediators.

Paraquat intoxication and associated pathological findings in three dogs in South Africa.

Antioxidant and neuroprotective effects of Dictyophora indusiata polysaccharide in *Caenorhabditis elegans*.

Nephrotoxicity of Kalach 360 SL: biochemical and histopathological findings.

Glufosinate aerogenic exposure induces glutamate and IL-1 receptor dependent lung inflammation.

Effect of atrazine on immunocompetence of red-eared slider turtle (*Trachemys scripta*).

Rheumatoid Arthritis in Agricultural Health Study Spouses: Associations with Pesticides and Other Farm Exposures.

Assessment of the Effects of MPTP and Paraquat on Dopaminergic Neurons and Microglia in the Substantia Nigra Pars Compacta of C57BL/6 Mice.

Salvianolic acid B protects against paraquat-induced pulmonary injury by mediating Nrf2/Nox4 redox balance and TGF- β 1/Smad3 signaling.

Health effect of agricultural pesticide use in China: implications for the development of GM crops.

Toll-like receptor 4 knockout alleviates paraquat-induced cardiomyocyte contractile dysfunction through an autophagy-dependent mechanism.

Poly-ADP-ribose polymerase inhibition provides protection against lung injury in a rat paraquat toxicity model.

High-Concentration L-Menthol Exhibits Counter-Irritancy to Neurogenic Inflammation, Thermal and Mechanical Hyperalgesia Caused by Trans-cinnamaldehyde.

Thymoquinone effectively alleviates lung fibrosis induced by paraquat herbicide through down-regulation of pro-fibrotic genes and inhibition of oxidative stress.

Protective effect of *Berberis vulgaris* fruit extract against Paraquat-induced pulmonary fibrosis in rats.

Unilateral microinjection of acrolein into thoracic spinal cord produces acute and chronic injury and functional deficits.

Proposed Mode of Action for Acrolein Respiratory Toxicity Associated with Inhaled Tobacco Smoke.

The metabolite 3,4,3',4'-tetrachloroazobenzene (TCAB) exerts a higher ecotoxicity than the parent compounds 3,4-dichloroaniline (3,4-DCA) and propanil.

Acute and short-term developmental toxicity of cyhalofop-butyl to zebrafish (*Danio rerio*).

Paraquat Poisoning in Patients With HIV Infection: A Case Report and Literature Review.

Activating Peroxisome Proliferator-Activated Receptors (PPARs): a New Sight for Chrysophanol to Treat Paraquat-Induced Lung Injury.

The effect of two glyphosate formulations on a small, diurnal lizard (*Oligosoma polychroma*).

Protective Effects of Apigenin Against Paraquat-Induced Acute Lung Injury in Mice.

Unfractionated bone marrow cells attenuate paraquat-induced glomerular injury and acute renal failure by modulating the inflammatory response.

Combined Effects of Pesticides and Trematode Infections on Hourglass Tree Frog *Polypedates cruciger*.

Acute paraquat exposure impairs colonic motility by selectively attenuating nitrenergic signalling in the mouse.

Acrolein-mediated conduction loss is partially restored by K^+ channel blockers.

Common and distinct mechanisms of induced pulmonary fibrosis by particulate and soluble chemical fibrogenic agents.

Radix puerariae extracts ameliorate paraquat-induced pulmonary fibrosis by attenuating follistatin-like 1 and nuclear factor erythroid 2p45-related factor-2 signalling pathways through downregulation of miRNA-21 expression.

The tobacco smoke component acrolein induces glucocorticoid resistant gene expression via inhibition of histone deacetylase.

Effects of high doses of dexamethasone on hemodynamic and immunohistochemical characteristics of acute paraquat intoxication in rat kidneys.

Tumor necrosis factor- α induced protein 6 attenuates acute lung injury following paraquat exposure.

Inhalation of the reactive aldehyde acrolein promotes antigen sensitization to ovalbumin and enhances neutrophilic inflammation.

Cinnamaldehyde ameliorates LPS-induced cardiac dysfunction via TLR4-NOX4 pathway: The regulation of autophagy and ROS production.

Cinnamaldehyde, Carvacrol and Organic Acids Affect Gene Expression of Selected Oxidative Stress and Inflammation Markers in IPEC-J2 Cells Exposed to *Salmonella typhimurium*.

Novel broad-spectrum and long-acting parenteral cephalosporins having an acyl cyanamide moiety at the C-3 terminal: Synthesis and structure-activity relationships.

Intracellular TRPA1 mediates Ca^{2+} release from lysosomes in dorsal root ganglion neurons.

Trans-cinnamaldehyde improves memory impairment by blocking microglial activation through the destabilization of iNOS mRNA in mice challenged with lipopolysaccharide.

Cinnamaldehyde derivatives inhibit degranulation and inflammatory mediator production in rat basophilic leukemia cells.

Trans-Cinnamaldehyde, An Essential Oil in Cinnamon Powder, Ameliorates Cerebral Ischemia-Induced Brain Injury via Inhibition of Neuroinflammation Through Attenuation of iNOS, COX-2 Expression and NF κ -B Signaling Pathway.

Selective inhibition of JAK2/STAT1 signaling and iNOS expression mediates the anti-inflammatory effects of cinnamaldehyde.

Reversal of diabetes-induced behavioral and neurochemical deficits by cinnamaldehyde.

Albumin Cys34 adducted by acrolein as a marker of oxidative stress in ischemia-reperfusion injury during hepatectomy.

Discovery of a novel anti-cancer agent targeting both topoisomerase I and II in hepatocellular carcinoma Hep 3B cells in vitro and in vivo: Cinnamomum verum component 2-methoxycinnamaldehyde.

Cinnamaldehyde and allopurinol reduce fructose-induced cardiac inflammation and fibrosis by attenuating CD36-mediated TLR4/6-IRAK4/1 signaling to suppress NLRP3 inflammasome activation.

Cinnamaldehyde is an effective anti-inflammatory agent for treatment of allergic rhinitis in a rat model.

Cinnamaldehyde modulates LPS-induced systemic inflammatory response syndrome through TRPA1-dependent and independent mechanisms.

3-Aminotriazole protects from CoCl₂-induced ototoxicity by inhibiting the generation of reactive oxygen species and proinflammatory cytokines in mice.

Impact of 3-Amino-1,2,4-Triazole (3-AT)-Derived Increase in Hydrogen Peroxide Levels on Inflammation and Metabolism in Human Differentiated Adipocytes.

Cinnamaldehyde supplementation prevents fasting-induced hyperphagia, lipid accumulation, and inflammation in high-fat diet-fed mice.

Perfluorocarbon attenuates inflammatory cytokines, oxidative stress and histopathologic changes in paraquat-induced acute lung injury in rats.

Calcium carbonate hydrogel construct with cinnamaldehyde incorporated to control inflammation during surgical procedure.

Structural and biochemical abnormalities in the absence of acute deficits in mild primary blast-induced head trauma.

A low toxicity synthetic cinnamaldehyde derivative ameliorates renal inflammation in mice by inhibiting NLRP3 inflammasome and its related signaling pathways.

Protective Effect of Astragaloside IV Against Paraquat-Induced Lung Injury in Mice by Suppressing Rho Signaling.

Discovery of a novel anticancer agent with both anti-topoisomerase I and II activities in hepatocellular carcinoma SK-Hep-1 cells in vitro and in vivo: Cinnamomum verum component 2-methoxycinnamaldehyde.

Novel Role of Endogenous Catalase in Macrophage Polarization in Adipose Tissue.

[The effect of resveratrol on paraquat-induced acute lung injury in mice and its mechanism].

Chyawanprash, a formulation of traditional Ayurvedic medicine, shows a protective effect on skin photoaging in hairless mice.

Acrolein and thiol-reactive electrophiles suppress allergen-induced innate airway epithelial responses by inhibition of DUOX1 and EGFR.

2-Phenethyl Isothiocyanate, Glutathione S-transferase M1 and T1 Polymorphisms, and Detoxification of Volatile Organic Carcinogens and Toxicants in Tobacco Smoke.

Novel Approach for High-Throughput Metabolic Screening of Whole Plants by Stable Isotopes.

Protective effect of carnosic acid against paraquat-induced redox impairment and mitochondrial dysfunction in SH-SY5Y cells: Role for PI3K/Akt/Nrf2 pathway.

[The expressions of intercellular adhesion molecule-1 in renal tissue of rats with paraquat poisoning and the effect of melatonin].

Anti-oxidative and anti-inflammatory effects of cinnamaldehyde on protecting high glucose-induced damage in cultured dorsal root ganglion neurons of rats.

Disseminated tungiasis in a 78-year-old woman from Tanzania: a case report.

Semilobar holoprosencephaly in a 12-month-old baby boy born to a primigravida patient with type 1 diabetes mellitus: a case report.

Neuropathic organophosphates: from Scrugham, Heim and Lorot to Jake leg paralysis.

Inhibitory effects of norlignans isolated from *Anemarrhena asphodeloides* on degranulation of rat basophilic leukemia- β 3H3Cells.

Pomegranate protects against arsenic-induced p53-dependent ROS-mediated inflammation and apoptosis in liver cells.

From the Cover: Coagulation-Driven Hepatic Fibrosis Requires Protease Activated Receptor-1 (PAR-1) in a Mouse Model of TCDD-Elicited Steatohepatitis.

Dose-Dependent Metabolic Reprogramming and Differential Gene Expression in TCDD-Elicited Hepatic Fibrosis.

Different modes of synergistic toxicities between metam/copper (II) and metam/zinc (II) in HepG2 cells: apoptosis vs. necrosis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) increases necroinflammation and hepatic stellate cell activation but does not exacerbate experimental liver fibrosis in mice.

Synthesis of phenylpiperazine derivatives of 1,4-benzodioxan as selective COX-2 inhibitors and anti-inflammatory agents.

Exposure to polychlorinated biphenyl-153 decreases incidence of autoimmune Type 1 diabetes in non-obese diabetic mice.

The cardioprotective effect of melatonin and exendin-4 treatment in a rat model of cardiorenal syndrome.

Carbamylated Low-Density Lipoproteins Induce a Prothrombotic State Via LOX-1: Impact on Arterial Thrombus Formation In Vivo.

The effects of fat loss after bariatric surgery on inflammation, serum hepcidin, and iron absorption: a prospective 6-mo iron stable isotope study.

Plant lignan secoisolariciresinol suppresses pericardial edema caused by dioxin-like compounds in developing zebrafish: Implications for suppression of morphological abnormalities.

From the Cover: Tetrachlorobenzoquinone Exerts Neurological Proinflammatory Activity by Promoting HMGB1 Release, Which Induces TLR4 Clustering within the Lipid Raft.

Halogenated carbazoles induce cardiotoxicity in developing zebrafish (*Danio rerio*) embryos.

Intestinal microbiota in pediatric patients with end stage renal disease: a Midwest Pediatric Nephrology Consortium study.

Development of potent chemical antituberculosis agents targeting *Mycobacterium tuberculosis* acetohydroxyacid synthase.

Protective effect of prostacyclin against pre-cardiac edema caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin and a thromboxane receptor agonist in developing zebrafish.

Endometrial expression and *in vitro* modulation of the iron transporter divalent metal transporter-1: implications for endometriosis.

Balneotherapy in rheumatoid arthritis-a systematic review.

Comparison of the Efficacies of Parenteral Iron Sucrose and Oral Iron Sulfate for Anemic Patients with Inflammatory Bowel Disease in Korea.

METABOLIC DYSBIOSIS OF THE GUT MICROBIOTA AND ITS BIOMARKERS.

Physiological Aspects of Female Fertility: Role of the Environment, Modern Lifestyle, and Genetics.

Arsenite and Cadmium Activate MAPK/ERK via Membrane Estrogen Receptors and G-Protein Coupled Estrogen Receptor Signaling in Human Lung Adenocarcinoma Cells.

Inflammation, glucose, and vascular cell damage: the role of the pentose phosphate pathway.

Enhanced cyclooxygenase-2 expression levels and metalloproteinase 2 and 9 activation by Hexachlorobenzene in human endometrial stromal cells.

Involvement of Mouse Constitutive Androstane Receptor in Acifluorfen-Induced Liver Injury and Subsequent Tumor Development.

The use of *Aedes aegypti* larvae attractants to enhance the effectiveness of larvicides.

The effect of ferrous-chelating hairtail peptides on iron deficiency and intestinal flora in rats.

Aryl hydrocarbon receptor knockout rats are insensitive to the pathological effects of repeated oral exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

New insights into BaP-induced toxicity: role of major metabolites in transcriptomics and contribution to hepatocarcinogenesis.

Digoxin reduces atherosclerosis in apolipoprotein E-deficient mice.

Immunomodulation By Subchronic Low Dose 2,3,7,8-Tetrachlorodibenzo-p-Dioxin in Experimental Autoimmune Encephalomyelitis in the Absence of Pertussis Toxin.

Altered intestinal microbial flora and impaired epithelial barrier structure and function in CKD: the nature, mechanisms, consequences and potential treatment.

C-Terminal Amino Acids 471-507 of Avian Hepatitis E Virus Capsid Protein Are Crucial for Binding to Avian and Human Cells.

Repurposing an orally available drug for the treatment of geographic atrophy.

Public health and international drug policy.

Gut microbiome in chronic kidney disease.

Comparative experimental investigation on the efficacy of mono- and multiprobiotic strains in non-alcoholic fatty liver disease prevention.

TCDD-Induced Activation of Aryl Hydrocarbon Receptor Inhibits Th17 Polarization and Regulates Non-Eosinophilic Airway Inflammation in Asthma.

[Incidence and risk factors associated with nosocomial infection in pediatric heart surgery].

Evaluation of Safety of Iron-Fortified Soybean Sprouts, a Potential Component of Functional Food, in Rat.

5-Aminolevulinic acid combined with ferrous iron ameliorate ischemia-reperfusion injury in the mouse fatty liver model.

Synbiotics Easing Renal Failure by Improving Gut Microbiology (SYNERGY): A Randomized Trial.

Evaluation of cytotoxicity and genotoxicity of *Hancornia speciosa* latex in *Allium cepa* root model.

Sulforaphane exerts its anti-inflammatory effect against amyloid- β^2 peptide via STAT-1 dephosphorylation and activation of Nrf2/HO-1 cascade in human THP-1 macrophages.

The role of peroxiredoxin 4 in inflammatory response and aging.

p-Cresyl sulfate is associated with carotid arteriosclerosis in hemodialysis patients and promotes atherogenesis in apoE^{-/-} mice.

Developmental toxicity, EROD, and CYP1A mRNA expression in zebrafish embryos exposed to dioxin-like PCB126.

Therapeutic evaluation of HIV transduction basic domain-conjugated superoxide dismutase solution on suppressive effects of the formation of peroxynitrite and expression of COX-2 in murine skin.

Melatonergic System in Parkinson's Disease: From Neuroprotection to the Management of Motor and Nonmotor Symptoms.

Synthesis and Pharmacological Evaluation of Tetrazolobenzimidazoles as Novel Anti-inflammatory Agents.

Management and Treatment of Human Lice.

Increased Levels of Total p-Cresylsulfate Are Associated with Pruritus in Patients with Chronic Kidney Disease.

Chronic TCDD exposure results in the dysregulation of gene expression in splenic B-lymphocytes and in the impairments in T-cell and B-cell differentiation in mouse model.

Synthesis, Characterization & Screening for Anti-Inflammatory & Analgesic Activity of Quinoline Derivatives Bearing Azetidinones Scaffolds.

Oligonol Ameliorates CCl₄-Induced Liver Injury in Rats via the NF-Kappa B and MAPK Signaling Pathways.

Tetrachlorobenzoquinone exhibits neurotoxicity by inducing inflammatory responses through ROS-mediated IKK/Î⁹B/NF-Î⁹B signaling.

Initial Serum Ammonia as a Predictor of Neurologic Complications in Patients with Acute Glufosinate Poisoning.

Sesamin attenuates mast cell-mediated allergic responses by suppressing the activation of p38 and nuclear factor-Î⁹B.

Antipyretic and antimalarial activities of Solenostemon monostachyus.

How we diagnose and treat iron deficiency anemia.

Protective Effects of Combined Selenium and Punica granatum Treatment on Some Inflammatory and Oxidative Stress Markers in Arsenic-Induced Hepatotoxicity in Rats.

Tolfenamic acid degradation by direct photolysis and the UV-ABC/H₂O₂ process: factorial design, kinetics, identification of intermediates, and toxicity evaluation.

Influence of LED light spectra on in vitro somatic embryogenesis and LC-MS analysis of chlorogenic acid and rutin in Peucedanum japonicum Thunb.: a medicinal herb.

Person-centered older military veteran care when there are consequences.

RNA Interference Directed against the Transglutaminase Gene Triggers Dysbiosis of Gut Microbiota in Drosophila.

Protective Effects of Essential Oils as Natural Antioxidants against Hepatotoxicity Induced by Cyclophosphamide in Mice.

The Effects of Nanoparticles Containing Iron on Blood and Inflammatory Markers in Comparison to Ferrous Sulfate in Anemic Rats.

The Mycobacterium tuberculosis transcriptional landscape under genotoxic stress.

Formyl peptide receptor modulators: a patent review and potential applications for inflammatory diseases (2012-2015).

Odorants specifically modulate chemotaxis and tissue retention of CD4+ T cells via cyclic adenosine monophosphate induction.

The Effect of Cellular Stress on T and B Cell Memory Pathways in Immunized and Unimmunized BALB/c Mice.

Vam3, a Compound Derived from Vitis amurensis Rupr., Attenuated Colitis-Related Tumorigenesis by Inhibiting NF- κ B Signaling Pathway.

Exogenous lipid pneumonia caused by herbicide inhalation.

Risk Factors for Herpes Zoster Among Adults.

Signaling mechanisms underlying the glioprotective effects of resveratrol against mitochondrial dysfunction.

Molecular Hydrogen Alleviates Cellular Senescence in Endothelial Cells.

Sulforaphane protects against acrolein-induced oxidative stress and inflammatory responses: modulation of Nrf-2 and COX-2 expression.

Toxicity of 3,5,6-trichloro-2-pyridinol tested at multiple stages of zebrafish (Danio rerio) development.

Toxic effects of glyphosate-based herbicide, Excel Mera 71 on gill, liver, and kidney of Heteropneustes fossilis under laboratory and field conditions.

[The effect and injury to the airways of different sputum aspiration pressure in a rat model of mucus hypersecretion].

Organic micropollutants (OMPs) in natural waters: Oxidation by UV/H₂O₂ treatment and toxicity assessment.

Mitigation of sensory and motor deficits by acrolein scavenger phenelzine in a rat model of spinal cord contusive injury.

Multivariate approach to gill pathology in European sea bass after experimental exposure to cadmium and terbuthylazine.

Transgenic Overexpression of Aryl Hydrocarbon Receptor Repressor (AhRR) and AhR-Mediated Induction of CYP1A1, Cytokines, and Acute Toxicity.

p-cresol but not p-cresyl sulfate stimulate MCP-1 production via NF- κ B p65 in human vascular smooth muscle cells.

Is exposure to Agent Orange a risk factor for hepatocellular cancer?-A single-center retrospective study in the U.S. veteran population.

Data supporting the involvement of the adenine nucleotide translocase conformation in opening the Tl(+)-induced permeability transition pore in Ca(2+)-loaded rat liver mitochondria.

The Helicobacter pylori CZB Cytoplasmic Chemoreceptor TlpD Forms an Autonomous Polar Chemotaxis Signaling Complex That Mediates a Tactic Response to Oxidative Stress.

Exposure to butachlor causes thyroid endocrine disruption and promotion of metamorphosis in Xenopus laevis.

Walnut Polyphenol Extract Attenuates Immunotoxicity Induced by 4-Pentylphenol and 3-methyl-4-nitrophenol in Murine Splenic Lymphocyte.

Anti-inflammatory Montelukast prevents toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin: Oxidative stress, histological alterations in liver, and serum cytokine levels.

Probing the Sophisticated Synergistic Allosteric Regulation of Aromatic Amino Acid Biosynthesis in Mycobacterium tuberculosis Using á'...-Amino Acids.

Treatment of ResÄ±stant Cyclophosphamide Induced Haemorrhagic CystÄ±tÄ±s: RevÄ±ew of Literature and Three Case Reports.

To involvement the conformation of the adenine nucleotide translocase in opening the Tl(+)-induced permeability transition pore in Ca(2+)-loaded rat liver mitochondria.

Are bee diseases linked to pesticides? - A brief review.

Inhibition of ATP synthesis by fenbufen and its conjugated metabolites in rat liver mitochondria.

European sea bass gill pathology after exposure to cadmium and terbuthylazine: expert versus fractal analysis.

The olive leaf extract oleuropein exerts protective effects against oxidant-induced cell death, concurrently displaying pro-oxidant activity in human hepatocarcinoma cells.

Developmental toxicity, oxidative stress, and related gene expression induced by dioxin-like PCB 126 in zebrafish (Danio rerio).

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) increases human hepatic stellate cell activation.

Disinfectant-susceptibility of multi-drug-resistant Mycobacterium tuberculosis isolated in Japan.

Dual ATPase and GTPase activity of the replication-associated protein (Rep) of beak and feather disease virus.

Pyruvate Kinase Isoform Switching and Hepatic Metabolic Reprogramming by the Environmental Contaminant 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Kolaviron was protective against sodium azide (NaN₃) induced oxidative stress in the prefrontal cortex.

Evaluation of serum markers of blood redox homeostasis and inflammation in PCB naturally contaminated heifers undergoing decontamination.

Astaxanthin Inhibits Expression of Retinal Oxidative Stress and Inflammatory Mediators in Streptozotocin-Induced Diabetic Rats.

Evaluation of functioning of mitochondrial electron transport chain with NADH and FAD autofluorescence.

Use of extracorporeal removal techniques in patients with paraquat toxicity and unknown hepatitis viral marker status.

The pretransplant systemic metabolic profile reflects a risk of acute graft versus host disease after allogeneic stem cell transplantation.

Aryl Hydrocarbon Receptor Activation by TCDD Modulates Expression of Extracellular Matrix Remodeling Genes during Experimental Liver Fibrosis.

Severe Endobronchial Inflammation Induced by Aspiration of a Ferrous Sulfate Tablet.

The onset of lipid peroxidation in rheumatoid arthritis: consequences and monitoring.

Gene Expression Patterns Associated With Histopathology in Toxic Liver Fibrosis.

Artificial sweetener neohesperidin dihydrochalcone showed antioxidative, anti-inflammatory and anti-apoptosis effects against paraquat-induced liver injury in mice.

Histopathological and ultramicroscopical changes in gill, liver and kidney of *Anabas testudineus* (Bloch) after chronic intoxication of almix (metsulfuron methyl 10.1%+chlorimuron ethyl 10.1%) herbicide.

A Potential Role for Acrolein in Neutrophil-Mediated Chronic Inflammation.

Synergism of herbicide toxicity by 5-aminolevulinic acid is related to physiological and ultra-structural disorders in crickweed (*Malachium aquaticum* L.).

Successful extracorporeal membrane oxygenation therapy as a bridge to sequential bilateral lung transplantation for a patient after severe paraquat poisoning.

Neurotoxicity effects of atrazine-induced SH-SY5Y human dopaminergic neuroblastoma cells via microglial activation.

Caspase-2 protects against oxidative stress in vivo.

[Clinical significance of dynamic changes in serum inflammatory cell factors after acute paraquat poisoning].

[Inhibitory effects of curcumin on inflammatory cytokines in rats with paraquat poisoning].

[Hemoperfusion alleviated paraquat-induced kidney inflammation injury of rabbit].

[Changes of CD(4)(+) Foxp3+ regulatory T cells and CD(4)(+)IL-17+T cells in acrolein exposure rats].

[The effect of signal transduction pathway of triggering receptor-1 expressed on myeloid cells in acute lung injury induced by paraquat in rats].

NLRP3 inflammasome activation by mitochondrial reactive oxygen species plays a key role in long-term cognitive impairment induced by paraquat exposure.

Inflammatory reaction regulated by microglia plays a role in atrazine-induced dopaminergic neuron degeneration in the substantia nigra.

Carcinogenicity of lindane, DDT, and 2,4-dichlorophenoxyacetic acid.

Lethal and sub-lethal chronic effects of the herbicide diuron on seagrass.

Protective Effects of Arachidonic Acid Against Paraquat-Induced Pulmonary Injury.

Surfactant toxicity in a case of (4-chloro-2-methylphenoxy) acetic acid herbicide intoxication.

Acute eosinophilic pneumonia associated with glyphosate-surfactant exposure.

[The protective effect of ulinastatin on paraquat-induced injury in HK-2 cells and the underlying mechanisms].

Pneumomediastinum predicts early mortality in acute paraquat poisoning.

Connective tissue growth factor stimulates the proliferation, migration and differentiation of lung fibroblasts during paraquat-induced pulmonary fibrosis.

Teratogenicity, genotoxicity and oxidative stress in zebrafish embryos (*Danio rerio*) co-exposed to arsenic and atrazine.

2-Methyl-4-chlorophenoxyacetic acid and bromoxynil herbicide death.

Alteration in the cytokine levels and histopathological damage in common carp induced by glyphosate.

[The study of kidney injury in rats with acute paraquat poisoning].

[The effect of paraquat on voltage-dependent anion channel and caspase-3, 8, 9 in the mitochondria of rat lung].

Losartan attenuates paraquat-induced pulmonary fibrosis in rats.

α,β -Unsaturated aldehyde pollutant acrolein suppresses cardiomyocyte contractile function: Role of TRPV1 and oxidative stress.

Traditional chinese medicine Xuebijing treatment is associated with decreased mortality risk of patients with moderate paraquat poisoning.

The manganese-salen compound EUK-134 and N-acetyl cysteine rescue from zinc- and paraquat-induced toxicity in rat polymorphonuclear leukocytes.

[Expression of heme oxygenase-1 in lung tissue of paraquat poisoned mice and its significance].

[Inhibition of pulmonary nuclear factor κ B and tumor necrosis factor α expression by diallyl sulfide in rats with paraquat poisoning].

Betanin attenuates oxidative stress and inflammatory reaction in kidney of paraquat-treated rat.

Increased toll-like receptor 9 expression is associated with the severity of paraquat-induced lung injury in mice.

Polyphenol extract from *Phellinus igniarius* protects against acrolein toxicity in vitro and provides protection in a mouse stroke model.

The significance of serum uric acid level in humans with acute paraquat poisoning.

A case report of severe paraquat poisoning in an HIV-positive patient: an unexpected outcome and inspiration.

Molecular mechanisms of acrolein toxicity: relevance to human disease.

(1)H NMR based metabolomics approach to study the toxic effects of herbicide butachlor on goldfish (*Carassius auratus*).

Histopathological alterations in the kidney of Caspian kutum, *Rutilus frisii kutum*, larvae and fingerlings exposed to sublethal concentration of atrazine.

NLRP3 inflammasome activation is essential for paraquat-induced acute lung injury.

Dimethylarsinic acid (DMA(V)) changed the expressions of proliferative related factors and secretion of inflammatory cytokines in rat bladder.

The relation between oxidative stress, inflammation, and neopterin in the paraquat-induced lung toxicity.

Artesunate Attenuates Lung Injury in Paraquat-Intoxicated Rats via Downregulation of Inflammatory Cytokines.

Acute effects of acrolein in human volunteers during controlled exposure.

Superantigen staphylococcal enterotoxin C1 mutant can reduce paraquat pulmonary fibrosis.

[The research progress of paraquat poisoning lung molecular mechanism].

Evaluation of a multiple sclerosis cluster among nurses in an inpatient oncology ward.

Enhancement of the acrolein-induced production of reactive oxygen species and lung injury by GADD34.

Cellular RNA is chemically modified by exposure to air pollution mixtures.

Effects of rapamycin against paraquat-induced pulmonary fibrosis in mice.

Acute and long-term ocular effects of acrolein vapor on the eyes and potential therapies.

Transcription alteration of immunologic parameters and histopathological damage in common carp (*Cyprinus carpio* L.) caused by paraquat.

Mifepristone-inducible recombinant adenovirus attenuates paraquat-induced lung injury in rats.

Oral Administration of 4-Hydroxy-3-Methoxycinnamaldehyde Attenuates Atopic Dermatitis by Inhibiting T Cell and Keratinocyte Activation.

Influence of myeloperoxidase on colon tumor occurrence in inflamed versus non-inflamed colons of Apc(Min/+) mice.

Cinnamaldehyde attenuates pressure overload-induced cardiac hypertrophy.

Parkinson's disease and enhanced inflammatory response.

Increase in acrolein-conjugated immunoglobulins in saliva from patients with primary Sjögren's syndrome.

Cinnamaldehyde inhibits inflammation and brain damage in a mouse model of permanent cerebral ischaemia.

Effect of essential oils of *Syzygium aromaticum* and *Cinnamomum zeylanicum* and their major components on biofilm production in *Staphylococcus aureus* strains isolated from milk of cows with mastitis.

Lung inflammation biomarkers and lung function in children chronically exposed to arsenic.

Absence of *sodA* Increases the Levels of Oxidation of Key Metabolic Determinants of *Borrelia burgdorferi*.

TRPA1 mediates the hypothermic action of acetaminophen.

Efficacy and safety of pulse immunosuppressive therapy with glucocorticoid and cyclophosphamide in patients with paraquat poisoning: A meta-analysis.

Mechanical overloading causes mitochondrial superoxide and SOD2 imbalance in chondrocytes resulting in cartilage degeneration.

Endogenous hydrogen peroxide in the hypothalamic paraventricular nucleus regulates neurohormonal excitation in high salt-induced hypertension.

Nrf2-dependent suppression of azoxymethane/dextran sulfate sodium-induced colon carcinogenesis by the cinnamon-derived dietary factor cinnamaldehyde.

Aminotriazole alleviates acetaminophen poisoning via downregulating P450 2E1 and suppressing inflammation.

[Therapeutic effects of gastric lavage with fuller earth combined with Qingyill catharsis in treatment of oral paraquat poisoning in rabbits].

Antinociceptive effect of methanol extract of leaves of *Persicaria hydropiper* in mice.

Cinnamic aldehyde treatment alleviates chronic unexpected stress-induced depressive-like behaviors via targeting cyclooxygenase-2 in mid-aged rats.

Oxidative Stress during the Progression of β^2 -Amyloid Pathology in the Neocortex of the Tg2576 Mouse Model of Alzheimer's Disease.

Natural antioxidant betanin protects rats from paraquat-induced acute lung injury interstitial pneumonia.

Anti-inflammatory effect of cinnamaldehyde in *Helicobacter pylori* induced gastric inflammation.

Donepezil Regulates 1-Methyl-4-phenylpyridinium-Induced Microglial Polarization in Parkinson's Disease.

Functional evaluation of residues in the herbicide-binding site of *Mycobacterium tuberculosis* acetohydroxyacid synthase by site-directed mutagenesis.

[Changes of the Expression of Brain Derived Neurotrophic Factors in Rats Trachea Induced by Acrolein Exposure].

Cinnamaldehyde and nitric oxide attenuate advanced glycation end products-induced the Jak/STAT signaling in human renal tubular cells.

Proinflammatory effect of trivalent arsenical species in a co-culture of Caco-2 cells and peripheral blood mononuclear cells.

Anti-inflammatory activity of cinnamon (*C. zeylanicum* and *C. cassia*) extracts - identification of E-cinnamaldehyde and o-methoxy cinnamaldehyde as the most potent bioactive compounds.

DMA(V) in Drinking Water Activated NF- κ B Signal Pathway and Increased TGF- β 2 and IL-1 β Expressions in Bladder Epithelial Cells of Rats.

Gingiva Equivalent Secretes Negligible Amounts of Key Chemokines Involved in Langerhans Cell Migration Compared to Skin Equivalent.

Aryl Hydrocarbon Receptor Protects Lungs from Cockroach Allergen-Induced Inflammation by Modulating Mesenchymal Stem Cells.

A visible light induced photoelectrochemical aptasensor constructed by aligned ZnO@CdTe core shell nanocable arrays/carboxylated g-C₃N₄ for the detection of Proprotein convertase subtilisin/kexin type 6 gene.

Identification of *Scedosporium boydii* catalase A1 gene, a reactive oxygen species detoxification factor highly expressed in response to oxidative stress and phagocytic cells.

Polyreactive antibodies in the circulation of patients with systemic lupus erythematosus.

2,3,7,8-Tetrachlorodibenzo-p-Dioxin Alters Lipid Metabolism and Depletes Immune Cell Populations in the Jejunum of C57BL/6 Mice.

Developmental Activation of the AHR Increases Effector CD4⁺ T Cells and Exacerbates Symptoms in Autoimmune Disease-Prone Gnaq[±] Mice.

Effects of co-exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin and polychlorinated biphenyls on nonalcoholic fatty liver disease in mice.

Reversible Splenic Lesion Syndrome (RESLES) Following Glufosinate Ammonium Poisoning.

Small molecule inhibitors of PSD95-nNOS protein-protein interactions as novel analgesics.

Activation of the Prostaglandin E2 receptor EP2 prevents house dust mite-induced airway hyperresponsiveness and inflammation by restraining mast cells' activity.

The Chronic Kidney Disease - Colonic Axis.

Ablation of XP-V gene causes adipose tissue senescence and metabolic abnormalities.

Differential Effects of Glycyrrhiza Species on Genotoxic Estrogen Metabolism: Licochalcone A Downregulates P450 1B1, whereas Isoliquiritigenin Stimulates It.

Evaluation of efficacy of resin hemoperfusion in patients with acute 2,4-dinitrophenol poisoning by dynamic monitoring of plasma toxin concentration.

Activation of the aryl hydrocarbon receptor during development enhances the pulmonary CD4+ T-cell response to viral infection.

Left ventricular global longitudinal strain is associated with cardiovascular risk factors and arterial stiffness in chronic kidney disease.

Loss of the Mono-ADP-ribosyltransferase, Tiparp, Increases Sensitivity to Dioxin-induced Steatohepatitis and Lethality.

[Virulence genes and clinical features of Clostridium difficile-associated diarrhea in children].

Tetramethylpyrazine (TMP) protects against sodium arsenite-induced nephrotoxicity by suppressing ROS production, mitochondrial dysfunction, pro-inflammatory signaling pathways and programmed cell death.

The Transcriptional Effects of PCB118 and PCB153 on the Liver, Adipose Tissue, Muscle and Colon of Mice: Highlighting of Glut4 and Lipin1 as Main Target Genes for PCB Induced Metabolic Disorders.

Environmental immune disruptors, inflammation and cancer risk.

Chemical compounds from anthropogenic environment and immune evasion mechanisms: potential interactions.

Differential regulation of Th17 and T regulatory cell differentiation by aryl hydrocarbon receptor dependent xenobiotic response element dependent and independent pathways.

Arsenic exposure and prevalence of the varicella zoster virus in the United States: NHANES (2003-2004 and 2009-2010).

Zebrafish cardiotoxicity: the effects of CYP1A inhibition and AHR2 knockdown following exposure to weak aryl hydrocarbon receptor agonists.

Identification of Environmental Chemicals Associated with the Development of Toxicant-associated Fatty Liver Disease in Rodents.

Effect of tocopherol on biochemical blood parameters in pleuritis-induced rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Ferrous sulfate, but not iron polymaltose complex, aggravates local and systemic inflammation and oxidative stress in dextran sodium sulfate-induced colitis in rats.

Low Concentrations of Uncouplers of Oxidative Phosphorylation Prevent Inflammatory Activation of Endothelial Cells by Tumor Necrosis Factor.

The aryl hydrocarbon receptor (AhR) mediates resistance to apoptosis induced in breast cancer cells.

Oligofructose protects against arsenic-induced liver injury in a model of environment/obesity interaction.

Clinical significance of C-reactive protein levels in predicting responsiveness to iron therapy in patients with inflammatory bowel disease and iron deficiency anemia.

Increasing frequency of severe clinical toxicity after use of 2,4-dinitrophenol in the UK: a report from the National Poisons Information Service.

Metabolic outcome of female mice exposed to a mixture of low-dose pollutants in a diet-induced obesity model.

Sodium meta-arsenite prevents the development of autoimmune diabetes in NOD mice.

Modulation of colon cancer by nutmeg.

Non-dioxin-like polychlorinated biphenyls (PCB 101, PCB 153 and PCB 180) induce chondrocyte cell death through multiple pathways.

Estrogenic endocrine-disrupting chemicals modulate the production of inflammatory mediators and cell viability of lipopolysaccharide-stimulated macrophages.

Controlled-release mitochondrial protonophore reverses diabetes and steatohepatitis in rats.

In Ivorian school-age children, infection with hookworm does not reduce dietary iron absorption or systemic iron utilization, whereas afebrile Plasmodium falciparum infection reduces iron absorption by half.

Associations between urinary phenol and paraben concentrations and markers of oxidative stress and inflammation among pregnant women in Puerto Rico.

The inflammation and estrogen metabolism impacts of polychlorinated biphenyls on endometrial cancer cells.

Effects of sodium arsenite on the some laboratory signs and therapeutic role of thymoquinone in the rats.

Ferric maltol (ST10): a novel oral iron supplement for the treatment of iron deficiency anemia in inflammatory bowel disease.

Novel 3'-Processing Integrase Activity Assay by Real-Time PCR for Screening and Identification of HIV-1 Integrase Inhibitors.

Indoxyl sulfate, not P-cresyl sulfate, is associated with advanced glycation end products in patients on long-term hemodialysis.

Borax partially prevents neurologic disability and oxidative stress in experimental spinal cord ischemia/reperfusion injury.

Ferric carboxymaltose: a review of its use in iron deficiency.

Exposure to As-, Cd-, and Pb-mixture induces Al^{2+} , amyloidogenic APP processing and cognitive impairments via oxidative stress-dependent neuroinflammation in young rats.

Effects of acute hypercapnia with and without acidosis on lung inflammation and apoptosis in experimental acute lung injury.

Diamide accelerates opening of the TI(+)-induced permeability transition pore in Ca^{2+} -loaded rat liver mitochondria.

Aryl hydrocarbon receptor antagonism and its role in rheumatoid arthritis.

Paraquat and psychological stressor interactions as pertains to Parkinsonian co-morbidity.

Microbiota-Dependent Priming of Antiviral Intestinal Immunity in *Drosophila*.

Monomethylarsonous Acid (MMAIII) Has an Adverse Effect on the Innate Immune Response of Human Bronchial Epithelial Cells to *Pseudomonas aeruginosa*.

The small heat shock protein, HSP30, is associated with aggresome-like inclusion bodies in proteasomal inhibitor-, arsenite-, and cadmium-treated *Xenopus* kidney cells.

Hepatotoxicity, Nephrotoxicity and Oxidative Stress in Rat Testis Following Exposure to Haloxyfop-p-methyl Ester, an Aryloxyphenoxypropionate Herbicide.

The role of thioredoxin reductase and glutathione reductase in plumbagin-induced, reactive oxygen species-mediated apoptosis in cancer cell lines.

Intestinal absorption mechanisms of MTBH, a novel hesperetin derivative, in Caco-2 cells, and potential involvement of monocarboxylate transporter 1 and multidrug resistance protein 2.

Absorption of PCB126 by upper airways impairs G protein-coupled receptor-mediated immune response.

Eicosapentaenoic acid prevents TCDD-induced oxidative stress and inflammatory response by modulating MAP kinases and redox-sensitive transcription factors.

2,3,7,8-tetrachlorodibenzo-p-dioxin decrease expression of aryl hydrocarbon receptor in peripheral lymphocyte of β -thalassemia major patients.

Tumor necrosis factor- α inhibits effects of aryl hydrocarbon receptor ligands on cell death in human lymphocytes.

Biotin amelioration of nephrotoxicity in streptozotocin-induced diabetic mice.

Silymarin attenuates paraquat-induced lung injury via Nrf2-mediated pathway *in vivo* and *in vitro*.

Green tea (*Camellia sinensis*) alleviates arsenic-induced damages to DNA and intestinal tissues in rat and in situ intestinal loop by reinforcing antioxidant system.

Acute toxicity of selected organic pollutants to saltwater (mysid *Siriella armata*) and freshwater (cladoceran *Daphnia magna*) ecotoxicological models.

The effects of drugs with immunosuppressive or immunomodulatory activities on xenobiotics-metabolizing enzymes expression in primary human hepatocytes.

Correlation of Serum Thyroid Hormones Autoantibodies with Self-Reported Exposure to Thyroid Disruptors in a Group of Nonsegmental Vitiligo Patients.

Protective effects of thalidomide on pulmonary injuries in a rat model of paraquat intoxication.

Endothelial disruptive proinflammatory effects of nicotine and e-cigarette vapor exposures.

Metabolomics Reveals that Aryl Hydrocarbon Receptor Activation by Environmental Chemicals Induces Systemic Metabolic Dysfunction in Mice.

Protective effect of telmisartan treatment against arsenic-induced testicular toxicity in rats.

Gastrointestinal protective efficacy of Kolaviron (a bi-flavonoid from *Garcinia kola*) following a single administration of sodium arsenite in rats: Biochemical and histopathological studies.

Effect of tocopherol and acetylsalicylic acid on the biochemical indices of blood in dioxin-exposed rats.

A rapid in vivo zebrafish model to elucidate oxidative stress-mediated PCB126-induced apoptosis and developmental toxicity.

Antioxidant and anti-inflammatory levan produced from *Acetobacter xylinum* NCIM2526 and its statistical optimization.

Critical Role of TAK1-Dependent Nuclear Factor- κ B Signaling in 2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced Astrocyte Activation and Subsequent Neuronal Death.

Closure of mitochondrial potassium channels favors opening of the Tl(+)-induced permeability transition pore in Ca(2+)-loaded rat liver mitochondria.

Characterization of Batracylin-induced Renal and Bladder Toxicity in Rats.

Intrathecal cannabinoid-1 receptor agonist prevents referred hyperalgesia in acute acrolein-induced cystitis in rats.

Combination effects of AHR agonists and Wnt/ β -catenin modulators in zebrafish embryos: Implications for physiological and toxicological AHR functions.

The Protective Effect of Sodium Ferulate and Oxymatrine Combination on Paraquat-induced Lung Injury.

Regulation of CYP1A1 and Inflammatory Cytokine by NCOA7 Isoform 4 in Response to Dioxin Induced Airway Inflammation.

Suspected flunixin poisoning of a wild Eurasian Griffon Vulture from Spain.

Inflammation and pyroptosis mediate muscle expansion in an interleukin-1 β (IL-1 β)-dependent manner.

Suppression of human B cell activation by 2,3,7,8-tetrachlorodibenzo-p-dioxin involves altered regulation of B cell lymphoma-6.

Quantitative analysis of pungent and anti-inflammatory phenolic compounds in olive oil by capillary electrophoresis.

Phenolic excipients of insulin formulations induce cell death, pro-inflammatory signaling and MCP-1 release.

Paraquat Poisoning: Analysis of an Uncommon Cause of Fatal Poisoning from Manipal, South India.

Naringin ameliorates sodium arsenite-induced renal and hepatic toxicity in rats: decisive role of KIM-1, Caspase-3, TGF- β 2, and TNF- α .

Synthesis, Characterization and Screening for Analgesic and Anti-inflammatory activities of 2, 5-disubstituted 1, 3, 4-oxadiazole derivatives.

Molecular biology of the stress response in the early embryo and its stem cells.

Increase in oxidative stress biomarkers in dogs with ascending-descending myelomalacia following spinal cord injury.

Oxidative stress in COPD: molecular background and clinical monitoring.

Influence of titanium dioxide nanoparticles on 2,3,7,8-tetrachlorodibenzo-p-dioxin bioconcentration and toxicity in the marine fish European sea bass (*Dicentrarchus labrax*).

Adiponectin protects against paraquat-induced lung injury by attenuating oxidative/nitrative stress.

Evaluation of ettringite-related swelling mechanisms for treated chromite ore processing residue.

Repositioning of 2,4-dichlorophenoxy acetic acid as a potential anti-inflammatory agent: in silico and pharmaceutical formulation study.

Protective effect of Xuebijing injection on paraquat-induced pulmonary injury via down-regulating the expression of p38 MAPK in rats.

Salidroside alleviates paraquat-induced rat acute lung injury by repressing TGF- β 1 expression.

The role of p38 MAPK in acute paraquat-induced lung injury in rats.

Ozone therapy ameliorates paraquat-induced lung injury in rats.

Therapeutical effects and mechanism of salubrinal combined with ulinastatin on treating paraquat poisoning.

Glyphosate-rich air samples induce IL-33, TSLP and generate IL-13 dependent airway inflammation.

[Progress on pathogenesis and treatment of paraquat-induced pulmonary fibrosis].

Tissue sensitivity of the rat upper and lower extrapulmonary airways to the inhaled electrophilic air pollutants diacetyl and acrolein.

Negative effects of low dose atrazine exposure on the development of effective immunity to FV3 in *Xenopus laevis*.

Immediate and delayed effects of subchronic Paraquat exposure during an early differentiation stage in 3D-rat brain cell cultures.

Prediction of paraquat exposure and toxicity in clinically ill poisoned patients: a model based approach.

The experimental autoimmune encephalomyelitis disease course is modulated by nicotine and other cigarette smoke components.

Acrolein induced both pulmonary inflammation and the death of lung epithelial cells.

Pro- and anti-inflammatory cytokine expression in immune organs of the common carp exposed to atrazine and chlorpyrifos.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.

Agent Orange exposure and disease prevalence in Korean Vietnam veterans: the Korean veterans health study.

FTY720 attenuates paraquat-induced lung injury in mice.

Modulatory effects of curcumin on redox status, mitochondrial function, and caspase-3 expression during atrazine-induced toxicity.

Acrolein decreases endothelial cell migration and insulin sensitivity through induction of let-7a.

Betanin attenuates paraquat-induced liver toxicity through a mitochondrial pathway.

Acrolein induction of oxidative stress and degranulation in mast cells.

[Tumor necrosis factor- α induced protein 6 attenuates acute kidney injury following paraquat poisoning in rats].

[The interventional effect of Xuebijing injection on expression of mitochondrial fusion protein 2 and the ultrastructure changes in lung tissues in rats with paraquat poisoning].

[Early acute liver injury in paraquat poisoning rats].

New insights into antioxidant strategies against paraquat toxicity.

Airborne acrolein induces keratin-8 (Ser-73) hyperphosphorylation and intermediate filament ubiquitination in bronchiolar lung cell monolayers.

Naringenin exerts cytoprotective effect against paraquat-induced toxicity in human bronchial epithelial BEAS-2B cells through NRF2 activation.

Exacerbation of symptoms in agricultural pesticide applicators with asthma.

Effect of transforming growth factor- β 1 on acute lung injury caused by paraquat.

Inflammatory and cytotoxic effects of acrolein, nicotine, acetaldehyde and cigarette smoke extract on human nasal epithelial cells.

In vitro biological activity of decoction of Joshanda.

Evaluation of exhaled nitric oxide in acute paraquat poisoning: a pilot study.

[Protective effect and mechanisms of pituitrin on acute paraquat-induced lung injury in rats].

Addition of immunosuppressive treatment to hemoperfusion is associated with improved survival after paraquat poisoning: a nationwide study.

Trivalent arsenic species induce changes in expression and levels of proinflammatory cytokines in intestinal epithelial cells.

Acrolein, a highly toxic aldehyde generated under oxidative stress in vivo, aggravates the mouse liver damage after acetaminophen overdose.

Cytoprotective effect of kaempferol on paraquat-exposed BEAS-2B cells via modulating expression of MUC5AC.

CB2 receptor activation ameliorates the proinflammatory activity in acute lung injury induced by paraquat.

Herbicide paraquat induces sex-specific variation of neuroinflammation and neurodegeneration in *Drosophila melanogaster*.

Protective effects of intranasal curcumin on paraquat induced acute lung injury (ALI) in mice.

Immune suppressive effect of cinnamaldehyde due to inhibition of proliferation and induction of apoptosis in immune cells: implications in cancer.

Atorvastatin attenuates the paraquat-induced pulmonary inflammation via PPAR γ receptors: a new indication for atorvastatin.

Possible role of Toll-like receptor-2 in the intracellular survival of *Staphylococcus aureus* in murine peritoneal macrophages: involvement of cytokines and anti-oxidant enzymes.

3-(2-oxoethylidene)indolin-2-one derivatives activate Nrf2 and inhibit NF- κ B: potential candidates for chemoprevention.

Gallic acid functions as a TRPA1 antagonist with relevant antinociceptive and antiedematogenic effects in mice.

Acrolein detection: potential theranostic utility in multiple sclerosis and spinal cord injury.

Liposome-encapsulated cinnamaldehyde enhances zebrafish (*Danio rerio*) immunity and survival when challenged with *Vibrio vulnificus* and *Streptococcus agalactiae*.

Acrolein involvement in sensory and behavioral hypersensitivity following spinal cord injury in the rat.

The pentachlorophenol metabolite tetrachlorohydroquinone induces massive ROS and prolonged p-ERK expression in splenocytes, leading to inhibition of apoptosis and necrotic cell death.

Antinociceptive and anti-inflammatory activities of extract and two isolated flavonoids of *Carthamus tinctorius* L.

[Oral health care by utilizing food function].

TRPA1: a transducer and amplifier of pain and inflammation.

Structure, activity, and inhibition of the Carboxyltransferase β -subunit of acetyl coenzyme A carboxylase (AccD6) from *Mycobacterium tuberculosis*.

Somatosensory and vasomotor manifestations of individual and combined stimulation of TRPM8 and TRPA1 using topical L-menthol and trans-cinnamaldehyde in healthy volunteers.

[The effect of selective phosphatase inhibitors Salubrinal on autophagy and apoptosis in the lung tissue of rats with acute paraquat poisoning].

Enhanced toxicity of binary mixtures of *Bacillus thuringiensis* subsp. *israelensis* and three essential oil major constituents to wild *Anopheles sinensis* (Diptera: Culicidae) and *Aedes albopictus* (Diptera: Culicidae).

Recharging mitochondrial batteries in old eyes. Near infra-red increases ATP.

Acrolein relaxes mouse isolated tracheal smooth muscle via a TRPA1-dependent mechanism.

Health effects and arsenic species in urine of copper smelter workers.

p-Cresol affects reactive oxygen species generation, cell cycle arrest, cytotoxicity and inflammation/atherosclerosis-related modulators production in endothelial cells and mononuclear cells.

Withania somnifera alleviates parkinsonian phenotypes by inhibiting apoptotic pathways in dopaminergic neurons.

Sodium arsenite induces apoptosis and Epstein-Barr virus reactivation in lymphoblastoid cells.

Global metabolomic profiling of acute myocarditis caused by *Trypanosoma cruzi* infection.

The role of nitrosonone in tyrosine pathway disorders.

Atorvastatin ameliorates arsenic-induced hypertension and enhancement of vascular redox signaling in rats.

The aryl hydrocarbon receptor suppresses osteoblast proliferation and differentiation through the activation of the ERK signaling pathway.

Uremic toxicity and sclerostin in chronic kidney disease patients.

Effect of mitochondrial metabolism-interfering agents on cancer cell mitochondrial function and radio/chemosensitivity.

[Rheumatology: Progress in Diagnosis and Treatments. Topics: III. Rheumatoid Arthritis and Allied Conditions; 2. Allied Conditions. 2) Polymyalgia rheumatica].

The novel regulations of MEF2A, CAMKK2, CALM3, and TNNI3 in ventricular hypertrophy induced by arsenic exposure in rats.

Microcytic anemia.

Mitochondrial uncoupling as a regulator of life-history trajectories in birds: an experimental study in the zebra finch.

Safety and efficacy of lactoferrin versus ferrous sulphate in curing iron deficiency and iron deficiency anaemia in hereditary thrombophilia pregnant women: an interventional study.

The Ah receptor regulates growth factor expression in head and neck squamous cell carcinoma cell lines.

Cardiac myocyte-specific AHR activation phenocopies TCDD-induced toxicity in zebrafish.

Targeting mitochondria-derived reactive oxygen species to reduce epithelial barrier dysfunction and colitis.

Persistent organic pollutants and inflammatory markers in a cross-sectional study of elderly Swedish people: the PIVUS cohort.

Involvement of COX2-thromboxane pathway in TCDD-induced precardiac edema in developing zebrafish.

Indoxyl sulfate and p-cresyl sulfate in chronic kidney disease. Could these toxins modulate the antioxidant Nrf2-Keap1 pathway?

Effects of iron supplementation on dominant bacterial groups in the gut, faecal SCFA and gut inflammation: a randomised, placebo-controlled intervention trial in South African children.

Developmental exposure of mice to dioxin promotes transgenerational testicular inflammation and an increased risk of preterm birth in unexposed mating partners.

Effects of ferrofluid and phytoalexin spirobrassinin on thioflavin-T-based fluorescence in cerebrospinal fluid of the elderly and multiple sclerosis patients.

Yashada bhasma (Zinc calx) and Tankana (Borax) inhibit *Propionibacterium acne* and suppresses acne induced inflammation in vitro.

Activation of the aryl hydrocarbon receptor affects activation and function of human monocyte-derived dendritic cells.

The association of uremic toxins and inflammation in hemodialysis patients.

Liver tumor promotion by 2,3,7,8-tetrachlorodibenzo-p-dioxin is dependent on the aryl hydrocarbon receptor and TNF/IL-1 receptors.

Thrombin-facilitated efflux of D-[3H]-aspartate from cultured astrocytes and neurons under hyponatremia and chemical ischemia.

Mitochondrial dysfunction promotes and aggravates the inflammatory response in normal human synoviocytes.

Yusho patients show increased serum IL-17, IL-23, IL-1 β , and TNF α levels more than 40 years after accidental polychlorinated biphenyl poisoning.

Production of the anti-inflammatory compound 6-O-palmitoyl-3-O-β-D-glucopyranosylcampesterol by Callus cultures of *Lopezia racemosa* Cav. (Onagraceae).

Increase in reports of toxicity from fat burning supplement seen in UK.

Novel preoperative pharmacologic methods of preventing postoperative sore throat due to tracheal intubation.

Effects of acute dietary iron overload in pigs (*Sus scrofa*) with induced type 2 diabetes mellitus.

2,3,7,8-Tetrachlorodibenzo-p-dioxin promotes astrocyte activation and the secretion of tumor necrosis factor-α via PKC/SSeCKS-dependent mechanisms.

Tetrachlorobenzoquinone induces acute liver injury, up-regulates HO-1 and NQO1 expression in mice model: the protective role of chlorogenic acid.

Protein-bound uremic toxins, inflammation and oxidative stress: a cross-sectional study in stage 3-4 chronic kidney disease.

Interaction between arsenic exposure from drinking water and genetic susceptibility in carotid intima-media thickness in Bangladesh.

Ultrasound-guided interventional procedures around the shoulder.

Evidence that p-cresol and IL-6 are adsorbed by the HFR cartridge: towards a new strategy to decrease systemic inflammation in dialyzed patients?

Augmented atherogenesis in ApoE-null mice co-exposed to polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Increased expression of the aryl hydrocarbon receptor in patients with chronic inflammatory skin diseases.

Alcohol-induced autophagy contributes to loss in skeletal muscle mass.

Homoisoflavanone prevents mast cell activation and allergic responses by inhibition of Syk signaling pathway.

Alcohol oxidizing enzymes and ethanol-induced cytotoxicity in rat pancreatic acinar AR42J cells.

The gut microbiome, kidney disease, and targeted interventions.

The regulation of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-induced lung tumor promotion by estradiol in female A/J mice.

The aryl hydrocarbon receptor-activating effect of uremic toxins from tryptophan metabolism: a new concept to understand cardiovascular complications of chronic kidney disease.

Drug-induced injury in the gastrointestinal tract.

Hepatoprotective activity of *Tephrosia purpurea* against arsenic induced toxicity in rats.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin modulates dysregulation of the lipid metabolism in mouse offspring fed a high-calorie diet.

Protein-bound uremic toxins: new culprits of cardiovascular events in chronic kidney disease patients.

Benzimidazoisoquinolines: a new class of rapidly metabolized aryl hydrocarbon receptor (AhR) ligands that induce AhR-dependent Tregs and prevent murine graft-versus-host disease.

Oxidative stress-inducible truncated serine/arginine-rich splicing factor 3 regulates interleukin-8 production in human colon cancer cells.

Modulation of telomerase activity, bTERT and c-Myc induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin during Bovine Herpesvirus 1 infection in MDBK cells.

Cross-talk between aryl hydrocarbon receptor and the inflammatory response: a role for nuclear factor- κ B.

MRNA and miRNA expression patterns associated to pathways linked to metal mixture health effects.

Plant-derived anti-inflammatory compounds: hopes and disappointments regarding the translation of preclinical knowledge into clinical progress.

Rapid iron desensitization after generalized urticaria and facial angioedema.

Expansion of urease- and uricase-containing, indole- and p-cresol-forming and contraction of short-chain fatty acid-producing intestinal microbiota in ESRD.

Arsenic reduces the antipyretic activity of paracetamol in rats: modulation of brain COX-2 activity and CB δ receptor expression.

Serum concentrations of p-cresyl sulfate and indoxyl sulfate, but not inflammatory markers, increase in incident peritoneal dialysis patients in parallel with loss of residual renal function.

p-cresyl sulphate has pro-inflammatory and cytotoxic actions on human proximal tubular epithelial cells.

Animal models of Parkinson's disease: a gateway to therapeutics?

Aryl hydrocarbon receptor-dependent induction of liver fibrosis by dioxin.

Effects of sivelestat treatment on acute lung injury in paraquat-intoxicated rats.

Ligand binding and functional selectivity of L-tryptophan metabolites at the mouse aryl hydrocarbon receptor (mAHR).

Development of inhibitors of the 2C-methyl-D-erythritol 4-phosphate (MEP) pathway enzymes as potential anti-infective agents.

In vitro propagation and analysis of secondary metabolites in *Glossogyne tenuifolia* (Hsiang-Ju) - a medicinal plant native to Taiwan.

The preventive effect of atorvastatin on paraquat-induced pulmonary fibrosis in the rats.

Y3+, La3+, and some bivalent metals inhibited the opening of the Tl+-induced permeability transition pore in Ca2+-loaded rat liver mitochondria.

Low level tumor necrosis factor-alpha protects cardiomyocytes against high level tumor necrosis factor-alpha: brief insight into a beneficial paradox.

Hepatic oxidative status and metal homeostasis disturbance of 2-hydroxylated dioxin in ICR mice.

A novel protective role for the innate immunity Toll-Like Receptor 3 (TLR3) in the retina via Stat3.

Toll-like receptor 4 implicated in acute lung injury induced by paraquat poisoning in mice.

Lipid peroxidation in Rheumatoid arthritis; consequences and monitoring.

Differential susceptibility of human peripheral blood T cells to suppression by environmental levels of sodium arsenite and monomethylarsonous acid.

Atorvastatin restores arsenic-induced vascular dysfunction in rats: modulation of nitric oxide signaling and inflammatory mediators.

Potential role of catalase in mice with lipopolysaccharide/D-galactosamine-induced fulminant liver injury.

Polychlorinated biphenyls (PCB 101, PCB 153 and PCB 180) alter leptin signaling and lipid metabolism in differentiated 3T3-L1 adipocytes.

Glyphosate poisoning with acute pulmonary edema.

NADPH oxidase and the cardiovascular toxicity associated with smoking.

Developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in artificially fertilized crucian carp (*Carassius auratus*) embryo.

Expression and functional regulation of the nuclear receptors AHR, PXR, and CAR, and the transcription factor Nrf2 in rat parotid gland.

Survival predictors in paraquat intoxication and role of immunosuppression.

Histopathologic alterations associated with global gene expression due to chronic dietary TCDD exposure in juvenile zebrafish.

Standardization of in vitro Cell-based Model for Renal Ischemia and Reperfusion Injury.

An aberrant leukotriene A4 hydrolase-proline-glycine-proline pathway in the pathogenesis of chronic obstructive pulmonary disease.

Neutrophil-derived microparticles induce myeloperoxidase-mediated damage of vascular endothelial cells.

The induction of long-term potentiation in spinal dorsal horn after peripheral nociceptive stimulation and contribution of spinal TRPV1 in rats.

Alterations in auxin homeostasis suppress defects in cell wall function.

Demographics, clinical characteristics and management of herbicide poisoning in tertiary care hospital.

Microbiome-derived tryptophan metabolites and their aryl hydrocarbon receptor-dependent agonist and antagonist activities.

Fish oil rich in eicosapentaenoic acid protects against oxidative stress-related renal dysfunction induced by TCDD in Wistar rats.

Novel resveratrol-based substrates for human hepatic, renal, and intestinal UDP-glucuronosyltransferases.

No requirement of TRPV1 in long-term potentiation or long-term depression in the anterior cingulate cortex.

Perinatal low-dose iron treatment influences susceptibility to diet-induced adipogenesis in early-aged male Wistar rats.

Modulation of gene-expression profiles associated with sodium arsenite-induced cardiotoxicity by p-coumaric acid, a common dietary polyphenol.

Treatment with a cannabinoid receptor 2 agonist decreases severity of established cystitis.

Swelling and morphology of calcium pectinate gel beads obtained from *Silene vulgaris* callus modified pectins.

Increases in levels of epoxyeicosatrienoic and dihydroxyeicosatrienoic acids (EETs and DHETs) in liver and heart in vivo by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and in hepatic EET:DHET ratios by cotreatment with TCDD and the soluble epoxide hydrolase inhibitor AUDA.

Mechanism for the protective effect of diallyl disulfide against cyclophosphamide acute urotoxicity in rats.

Arsenic trioxide and other arsenical compounds inhibit the NLRP1, NLRP3, and NAIP5/NLRC4 inflammasomes.

Pill -Induced Erosive Esophagitis in Children.

Chemoprevention against arsenic-induced mutagenic DNA breakage and apoptotic liver damage in rat via antioxidant and SOD1 upregulation by green tea (*Camellia sinensis*) which recovers broken DNA resulted from arsenic-H₂O₂ related in vitro oxidant stress.

Influence of dioxin intoxication on the human system and possibilities of limiting its negative effects on the environment and living organisms.

Effect of SP-A/B in lipoic acid on acute paraquat poisoning.

The aryl hydrocarbon receptor: multitasking in the immune system.

Korean Red Ginseng water extract inhibits COX-2 expression by suppressing p38 in acrolein-treated human endothelial cells.

Toward understanding the role of aryl hydrocarbon receptor in the immune system: current progress and future trends.

[Clarification of molecular targets of dioxin toxicity].

Does drug-induced emphysema exist?

Oral lesions and pulmonary fibrosis after ingesting grapes.

Silymarin- and melatonin-mediated changes in the expression of selected genes in pesticides-induced Parkinsonism.

The effects of acetaldehyde and acrolein on muscle catabolism in C2 myotubes.

Aldose reductase regulates acrolein-induced cytotoxicity in human small airway epithelial cells.

The immunotoxic effects of dual exposure to PCP and TCDD.

Factors associated with severe effects following acute glufosinate poisoning.

Diphenyl diselenide prevents hepatic alterations induced by paraquat in rats.

Curcumin analog 1, 5-bis (2-trifluoromethylphenyl)-1, 4-pentadien-3-one exhibits enhanced ability on Nrf2 activation and protection against acrolein-induced ARPE-19 cell toxicity.

Mechanisms of permanent loss of olfactory receptor neurons induced by the herbicide 2,6-dichlorobenzonitrile: effects on stem cells and noninvolvement of acute induction of the inflammatory cytokine IL-6.

Using bosentan to treat paraquat poisoning-induced acute lung injury in rats.

Toll-like receptor 4 is involved in myocardial damage following paraquat poisoning in mice.

Effect of acrolein, a hazardous air pollutant in smoke, on human middle ear epithelial cells.

Inhibitory effects of rosiglitazone on paraquat-induced acute lung injury in rats.

Effect of methylsulfonylmethane on paraquat-induced acute lung and liver injury in mice.

Phytotoxicity of four photosystem II herbicides to tropical seagrasses.

Paraquat poisoning induces TNF- α -dependent iNOS/NO mediated hyporesponsiveness of the aorta to vasoconstrictors in rats.

Agent Orange exposure and prevalence of self-reported diseases in Korean Vietnam veterans.

YjcC, a c-di-GMP phosphodiesterase protein, regulates the oxidative stress response and virulence of *Klebsiella pneumoniae* CG43.

PACAP deficiency sensitizes nigrostriatal dopaminergic neurons to paraquat-induced damage and modulates central and peripheral inflammatory activation in mice.

Propanil-induced histopathological changes in the liver and kidney of mice.

[The relationship of endoplasmic reticulum stress with paraquat induced lung fibrosis in rats].

Paraquat poisoning in pediatric patients.

[Effect of thalidomide in a mouse model of paraquat-induced acute lung injury and the underlying mechanisms].

Comments on 'Spectrum of toxic hepatitis following intentional paraquat ingestion'.

Severe adverse effects related to dermal exposure to a glyphosate-surfactant herbicide.

Biochemical and molecular mechanisms of N-acetyl cysteine and silymarin-mediated protection against maneb- and paraquat-induced hepatotoxicity in rats.

Paraquat-induced retinal degeneration is exaggerated in CX3CR1-deficient mice and is associated with increased retinal inflammation.

Renal replacement therapy in acute poisonings--one center experience.

Acrolein-induced inflammatory signaling in vascular smooth muscle cells requires activation of serum response factor (SRF) and NF- κ B.

Oral administration of pentachlorophenol induces interferon signaling mRNAs in C57BL/6 male mouse liver.

Docosahexaenoic acid (DHA) attenuated paraquat induced lung damage in mice.

Amelioration of paraquat-induced pulmonary injury by mesenchymal stem cells.

Paraquat research: do recent advances in limiting its toxicity make its use safer?

Differential regulation of the rainbow trout (*Oncorhynchus mykiss*) MT-A gene by nuclear factor interleukin-6 and activator protein-1.

Structures of native, substrate-bound and inhibited forms of *Mycobacterium tuberculosis* imidazoleglycerol-phosphate dehydratase.

Antinociceptive effects of ethanolic extract from the flowers of *Acmella oleracea* (L.) R.K. Jansen in mice.

Fluridone as a new anti-inflammatory drug.

Protective effects of cinnamic acid and cinnamic aldehyde on isoproterenol-induced acute myocardial ischemia in rats.

Acrolein exposure suppresses antigen-induced pulmonary inflammation.

New insights in the pathogenesis of multiple sclerosis--role of acrolein in neuronal and myelin damage.

Anti-inflammatory effect of thalidomide in paraquat-induced pulmonary injury in mice.

Role of aldose reductase in the metabolism and detoxification of carnosine-acrolein conjugates.

Bronchoconstriction induced by increasing airway temperature in ovalbumin-sensitized rats: role of tachykinins.

Plant derived aporphinic alkaloid S-(+)-dicentrine induces antinociceptive effect in both acute and chronic inflammatory pain models: evidence for a role of TRPA1 channels.

The dose of cyclophosphamide for treating paraquat-induced rat lung injury.

Cyclophosphamide dose: how much is needed to win the war against paraquat poisoning?

Chemical composition and hypoglycemic and pancreas-protective effect of leaf essential oil from indigenous cinnamon (*Cinnamomum osmophloeum* Kanehira).

Activation of cannabinoid receptor 2 inhibits experimental cystitis.

Identification of aldo-keto reductases as NRF2-target marker genes in human cells.

9-cis retinoic acid is the ALDH1A1 product that stimulates melanogenesis.

Central nervous system damage due to acute paraquat poisoning: an experimental study with rat model.

Secondary and tertiary sulfonamides: a patent review (2008 - 2012).

The ultra-early protective effect of ulinastatin on rabbit acute lung injury induced by paraquat.

Combined treatment with bone marrow mesenchymal stem cells and methylprednisolone in paraquat-induced acute lung injury.

Synthesis of novel phosphorylated guanidine derivatives from cyanamide and their anti-inflammatory activity.

Sub-acute exposure to the herbicide atrazine suppresses cell immune functions in adolescent mice.

Protective effects of dietary arginine supplementation against oxidative stress in weaned piglets.

Neuroprotective effect of trans-cinnamaldehyde on the 6-hydroxydopamine-induced dopaminergic injury.

Antioxidant action of ellagic acid ameliorates paraquat-induced A549 cytotoxicity.

Assays for the measurement of lipid peroxidation.

Contact sensitizing potential of pyrogallol and 5-amino-o-cresol in female BALB/c mice.

Singlet oxygen mediated DNA damage induced phototoxicity by ketoprofen resulting in mitochondrial depolarization and lysosomal destabilization.

The neurological effects of methyl bromide intoxication.

Novel whole-tissue quantitative assay of nitric oxide levels in *Drosophila* neuroinflammatory response.

Induction of thymic stromal lymphopoietin production by nonanoic acid and exacerbation of allergic inflammation in mice.

TI(+) induces both cationic and transition pore permeability in the inner membrane of rat heart mitochondria.

Protein-bound uremic toxins stimulate crosstalk between leukocytes and vessel wall.

Differential influences of the aryl hydrocarbon receptor on Th17 mediated responses in vitro and in vivo.

ITE, a novel endogenous nontoxic aryl hydrocarbon receptor ligand, efficiently suppresses EAU and T-cell-mediated immunity.

Stability and performance of rapid-acting insulin analogs used for continuous subcutaneous insulin infusion: a systematic review.

Kidney hypoxia, attributable to increased oxygen consumption, induces nephropathy independently of hyperglycemia and oxidative stress.

Aryl hydrocarbon receptor and experimental autoimmune arthritis.

Pretreatment with TCDD exacerbates liver injury from Concanavalin A: critical role for NK cells.

Involvement of HIF-2 α -mediated inflammation in arsenite-induced transformation of human bronchial epithelial cells.

Effect of simultaneous supplementation of vitamin A and iron on diarrheal and respiratory tract infection in preschool children in Chengdu City, China.

Plasma and urine metabolic fingerprinting of type 1 diabetic children.

TRPM8 is the principal mediator of menthol-induced analgesia of acute and inflammatory pain.

Reduction of CC-chemokine ligand 5 by aryl hydrocarbon receptor ligands.

MicroRNA-132 suppresses autoimmune encephalomyelitis by inducing cholinergic anti-inflammation: a new Ahr-based exploration.

Cytologic and histologic findings of iron pill-induced injury of the lower respiratory tract.

Impaired cardiovascular function caused by different stressors elicits a common pathological and transcriptional response in zebrafish embryos.

Suppression of acute graft-versus-host response by TCDD is independent of the CTLA-4-IFN- γ -IDO pathway.

Sox9b is required for epicardium formation and plays a role in TCDD-induced heart malformation in zebrafish.

Arsenic induced toxicity and histopathological changes in gill and liver tissue of freshwater fish, tilapia (*Oreochromis mossambicus*).

Plasma p-cresol lowering effect of sevelamer in peritoneal dialysis patients: evidence from a Cross-Sectional Observational Study.

Mitochondrial respiratory chain dysfunction modulates metalloproteases -1, -3 and -13 in human normal chondrocytes in culture.

Effect of huanglianjiedu tang on fever in rats induced by 2, 4-dinitrophenol.

Specific roles for Group V secretory PLA₂, in retinal iron-induced oxidative stress. Implications for age-related macular degeneration.

Individuals' half-lives for 2,3,4,7,8-penta-chlorodibenzofuran (PeCDF) in blood: correlation with clinical manifestations and laboratory results in subjects with Yusho.

Role of the Toll Like receptor (TLR) radical cycle in chronic inflammation: possible treatments targeting the TLR4 pathway.

Relationship between the autoantibody and expression of β ²₃-adrenoceptor in lung and heart.

Indoxyl 3-sulfate stimulates Th17 differentiation enhancing phosphorylation of c-Src and STAT3 to worsen experimental autoimmune encephalomyelitis.

A facile synthesis, anti-inflammatory and analgesic activity of isoxazolyl-2,3-dihydrospiro[benzo[f]isoindole-1,3'-indoline]-2',4,9-triones.

Proteomic analysis of arsenic-exposed zebrafish (*Danio rerio*) identifies altered expression in proteins involved in fibrosis and lipid uptake in a gender-specific manner.

Does p-cresylglucuronide have the same impact on mortality as other protein-bound uremic toxins?

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced inflammatory activation is mediated by intracellular free calcium in microglial cells.

Iron plays a certain role in patterned hair loss.

The aryl hydrocarbon receptor and food allergy.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) enhances placental inflammation.

The roles of aryl hydrocarbon receptor in immune responses.

Effects of iron polymaltose complex, ferrous fumarate and ferrous sulfate treatments in anemic pregnant rats, their fetuses and placentas.

The human Ah receptor: hints from dioxin toxicities to deregulated target genes and physiological functions.

The weeding of *Ambrosia artemisiifolia* and sanitary risks.

Severe anemia in 3 toddlers with gastric lactobezoar.

Activation of the aryl hydrocarbon receptor sensitizes mice to nonalcoholic steatohepatitis by deactivating mitochondrial sirtuin deacetylase Sirt3.

The aryl hydrocarbon receptor: a novel target for immunomodulation in organ transplantation.

Aryl hydrocarbon receptor and lung cancer.

p-Cresyl sulfate causes renal tubular cell damage by inducing oxidative stress by activation of NADPH oxidase.

The influence of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on hematological parameters during experimentally induced pleuritis in rats.

Differential sensitivity to pro-oxidant exposure in two populations of killifish (*Fundulus heteroclitus*).

Impaired mitochondrial metabolism and mammary carcinogenesis.

Nuclear import and export signals control the subcellular localization of Nurr1 protein in response to oxidative stress.

Arsenic increases Pi-mediated vascular calcification and induces premature senescence in vascular smooth muscle cells.

Methane biogenesis during sodium azide-induced chemical hypoxia in rats.

Inorganic arsenic impairs differentiation and functions of human dendritic cells.

2,3,7,8-TCDD enhances the sensitivity of mice to concanavalin A immune-mediated liver injury.

Cultured human peripheral blood mononuclear cells alter their gene expression when challenged with endocrine-disrupting chemicals.

[Halitosis concomitant with chronic ENT pathology in children].

Occurrence of disseminated intravascular coagulation in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced pneumonia in the rat.

Removal of protein-bound uraemic toxins by haemodialysis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin promotes BHV-1 infection in mammalian cells by interfering with iron homeostasis regulation.

A genetically encoded FRET lactate sensor and its use to detect the Warburg effect in single cancer cells.

Human neuromelanin: an endogenous microglial activator for dopaminergic neuron death.

Comparison of destructive periodontal disease in blue iris mink to PCB 126-induced mandibular and maxillary squamous epithelial proliferation in natural dark mink.

p-Cresol sulfate and indoxyl sulfate induce similar cellular inflammatory gene expressions in cultured proximal renal tubular cells.

Genetically modified foods: safety, risks and public concerns-a review.

Characterization of the carrier-mediated transport of ketoprofen, a nonsteroidal anti-inflammatory drug, in rabbit corneal epithelium cells.

Protective effects of pulmonary epithelial lining fluid on oxidative stress and DNA single-strand breaks caused by ultrafine carbon black, ferrous sulphate and organic extract of diesel exhaust particles.

Impact of 2,3,7,8-tetrachlorodibenzo-p-dioxin on cutaneous wound healing.

Toxicity of polyamines and their metabolic products.

Characterization of bladder sensory neurons in the context of myelination, receptors for pain modulators, and acute responses to bladder inflammation.

Gastrointestinal stromal tumors: a case-only analysis of single nucleotide polymorphisms and somatic mutations.

Purification of an IgA Monoclonal Antibody Specific for the Acr Protein of Mycobacterium tuberculosis by Immunoaffinity Chromatography.

Paraquat poisoning: experience in hospital taiping (year 2008 - october 2011).

Paraquat Exposure Up-regulates Cyclooxygenase-2 in the Lungs, Liver and Kidneys in Rats.

Toxicogenomic evaluation of long-term hepatic effects of TCDD in immature, ovariectomized C57BL/6 mice.

Toxicogenomics-based identification of mechanisms for direct immunotoxicity.

Gene expression and pathologic alterations in juvenile rainbow trout due to chronic dietary TCDD exposure.

Spectrum of corrosive esophageal injury after intentional paraquat or glyphosate-surfactant herbicide ingestion.

Emerging causes of iron deficiency anemia refractory to oral iron supplementation.

Histopathological changes in the liver of rabbits exposed to high nitrate ingestion in drinking water.

Cell to organ: physiological, immunotoxic and oxidative stress responses of Lamellidens marginalis to inorganic arsenite.

Quartz crystal microbalance measurements of mitochondrial depolarization predicting chemically induced toxicity of vascular cells and macrophages.

Sepiapterin reductase mediates chemical redox cycling in lung epithelial cells.

Oral administration of hesperidin, a citrus flavonone, in rats counteracts the oxidative stress, the inflammatory cytokine production, and the hepatotoxicity induced by the ingestion of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

The protective effects of the proteasome inhibitor bortezomib (velcade) on ischemia-reperfusion injury in the rat retina.

Loss of Neil3, the major DNA glycosylase activity for removal of hydantoins in single stranded DNA, reduces cellular proliferation and sensitizes cells to genotoxic stress.

Increased polyamines alter chromatin and stabilize autoantigens in autoimmune diseases.

Critical role of aldehydes in cigarette smoke-induced acute airway inflammation.

Removal of airborne toxic chemicals by porous organic polymers containing metal-catecholates.

Activation of aryl hydrocarbon receptor prolongs survival of fully mismatched cardiac allografts.

Embryonic exposure to butachlor in zebrafish (*Danio rerio*): endocrine disruption, developmental toxicity and immunotoxicity.

Comparison of routine prenatal iron prophylaxis and screening and treatment for anaemia: pregnancy results and preliminary birth results from a pragmatic randomised controlled trial (PROFEG) in Maputo, Mozambique.

Metabolic profiling of the impact of oligofructose-enriched inulin in Crohn's disease patients: a double-blinded randomized controlled trial.

Histopathological changes induced by paraquat on some tissues of gourami fish (*Trichogaster trichopterus*).

Therapeutic effects of smecta or smectite powder on rats with paraquat toxication.

Human cell toxicogenomic analysis linking reactive oxygen species to the toxicity of monohaloacetic acid drinking water disinfection byproducts.

Polyamines and their metabolites as diagnostic markers of human diseases.

Glutathione in multiple sclerosis.

Cancer incidence in pulmonary vasculitis.

Role of lipid peroxidation-derived $\hat{\pm}$, $\hat{2}$ -unsaturated aldehydes in vascular dysfunction.

Nrf2 protection against liver injury produced by various hepatotoxicants.

Regulation of NF- $\hat{9}$ B-induced inflammatory signaling by lipid peroxidation-derived aldehydes.

Neonatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin increases the mRNA expression of prostatic proteins in C57BL mice.

Proteoglycans act as cellular hepatitis delta virus attachment receptors.

Metabolic signatures of extreme longevity in northern Italian centenarians reveal a complex remodeling of lipids, amino acids, and gut microbiota metabolism.

A novel murine model to deplete hepatic stellate cells uncovers their role in amplifying liver damage in mice.

Paraquat-induced pulmonary fibrosis starts at an early stage of inflammation in rats.

The oxidative damage and inflammation caused by pesticides are reverted by lipoic acid in rat brain.

Diuron-induced rat bladder epithelial cytotoxicity.

Pesticide use, immunologic conditions, and risk of non-Hodgkin lymphoma in Canadian men in six provinces.

Cigarette smoke and its component acrolein augment IL-8/CXCL8 mRNA stability via p38 MAPK/MK2 signaling in human pulmonary cells.

[Effects of human umbilical cord mesenchymal stem cells in the treatment of paraquat-induced lung injury].

Recombinant adenovirus Ad-RUNrf2 reduces paraquat-induced A549 injury.

Immunotoxicity induced by acute subtoxic doses of paraquat herbicide: implication of shifting cytokine gene expression toward T-helper (T(H))-17 phenotype.

Nrf2 protects against diquat-induced liver and lung injury.

Overexpression of stanniocalcin-1 inhibits reactive oxygen species and renal ischemia/reperfusion injury in mice.

Spectrum of toxic hepatitis following intentional paraquat ingestion: analysis of 187 cases.

Effect of pirfenidone on pulmonary fibrosis due to paraquat poisoning in rats.

Pathological and toxicological findings in glyphosate-surfactant herbicide fatality: a case report.

Antioxidant effect of silymarin on paraquat-induced human lung adenocarcinoma A549 cell line.

Comparison of TRPA1-versus TRPV1-mediated cough in guinea pigs.

Prior exposure to acrolein accelerates pulmonary inflammation in influenza A-infected mice.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.

Acrolein effects in pulmonary cells: relevance to chronic obstructive pulmonary disease.

Interferon- \hat{I}^3 plays a role in paraquat-induced neurodegeneration involving oxidative and proinflammatory pathways.

[Expression of the 4-hydroxynonenal in lung tissue in rats with paraquat poisoned and the effect of ulinastatin].

Bark extract of *Bathysa cuspidata* attenuates extra-pulmonary acute lung injury induced by paraquat and reduces mortality in rats.

Paraquat application and respiratory health effects among South Korean farmers.

Contrasted effects of an oxidative challenge and \hat{I}^{\pm} -melanocyte-stimulating hormone on cellular immune responsiveness: an experiment with red-legged partridges *Alectoris rufa*.

Viral-toxin interactions and Parkinson's disease: poly I:C priming enhanced the neurodegenerative effects of paraquat.

Successful treatment of patients with paraquat intoxication: three case reports and review of the literature.

Sublethal effects of atrazine on embryo-larval development of *Rhinella arenarum* (Anura: Bufonidae).

[Paraquat poisoning. Case report and overview].

Resveratrol potentiates cytochrome P450 2 d22-mediated neuroprotection in maneb- and paraquat-induced parkinsonism in the mouse.

[The relationship between HIF-1 \pm expression and the early lung fibrosis in rats with acute paraquat poisoning].

[The effects of Nrf2 gene expression induced by RU486 at different doses on A549 cell damage induced by paraquat].

Role of secondary mediators in caffeine-mediated neuroprotection in maneb- and paraquat-induced Parkinson's disease phenotype in the mouse.

Melatonin suppresses acrolein-induced IL-8 production in human pulmonary fibroblasts.

[Presentation of a case of Paraquat poisoning].

Insights into the toxicity mechanism of and cell response to the herbicide 2,4-D in plants.

Hypercholesterolemia and oxidative stress inhibit endothelial cell healing after arterial injury.

Early hemoperfusion may improve survival of severely paraquat-poisoned patients.

Acrolein induces endoplasmic reticulum stress and causes airspace enlargement.

Concordant signaling pathways produced by pesticide exposure in mice correspond to pathways identified in human Parkinson's disease.

4-iodophenyl isothiocyanate: a neuroprotective compound.

Effect of bark extract of *Bathysa cuspidata* on hepatic oxidative damage and blood glucose kinetics in rats exposed to paraquat.

The tobacco smoke component, acrolein, suppresses innate macrophage responses by direct alkylation of c-Jun N-terminal kinase.

Whiskey congeners suppress LPS/IFN γ -induced NO production in murine macrophage RAW 264 cells by inducing heme oxygenase-1 expression.

2'-Benzoyloxy-cinnamaldehyde inhibits nitric oxide production in lipopolysaccharide-stimulated RAW 264.7 cells via regulation of AP-1 pathway.

Elevated neutrophil elastase and acrolein-protein adducts are associated with W256 regression.

Transient receptor potential channels mediate the tussive response to prostaglandin E2 and bradykinin.

The comparison of β -bromo-4-chlorocinnamaldehyde and cinnamaldehyde on coxsackie virus B3-induced myocarditis and their mechanisms.

Aminotriazole attenuated carbon tetrachloride-induced oxidative liver injury in mice.

Potential use of nitrate reductase as a biomarker for the identification of active and dormant inhibitors of *Mycobacterium tuberculosis* in a THP1 infection model.

Attenuation of mouse somatic and emotional inflammatory pain by hydralazine through scavenging acrolein and inhibiting neuronal activation.

Resveratrol inhibits paraquat-induced oxidative stress and fibrogenic response by activating the nuclear factor erythroid 2-related factor 2 pathway.

Neurotoxin-based models of Parkinson's disease.

Effect of cigarette smoking on cough reflex induced by TRPV1 and TRPA1 stimulations.

2-methoxycinnamaldehyde from *Cinnamomum cassia* reduces rat myocardial ischemia and reperfusion injury in vivo due to HO-1 induction.

[Design of a polymer drug for serological diagnosis of hepatitis C].

Reactive carbonyl compounds (RCCs) cause aggregation and dysfunction of fibrinogen.

Molecular effects of activated BV-2 microglia by mitochondrial toxin 1-methyl-4-phenylpyridinium.

The cyclophosphamide metabolite, acrolein, induces cytoskeletal changes and oxidative stress in Sertoli cells.

Silibinin ameliorates arsenic induced nephrotoxicity by abrogation of oxidative stress, inflammation and apoptosis in rats.

Toxicity of untreated and ozone-treated oil sands process-affected water (OSPW) to early life stages of the fathead minnow (*Pimephales promelas*).

Synergistic effect of conjugated linolenic acid isomers against induced oxidative stress, inflammation and erythrocyte membrane disintegrity in rat model.

Animal models used to examine the role of the environment in the development of autoimmune disease: findings from an NIEHS Expert Panel Workshop.

Metabolomics identifies an inflammatory cascade involved in dioxin- and diet-induced steatohepatitis.

Tryptophan catabolism in cancer: beyond IDO and tryptophan depletion.

Reduction of Na⁺, K⁺-ATPase activity and expression in cerebral cortex of glutaryl-CoA dehydrogenase deficient mice: a possible mechanism for brain injury in glutaric aciduria type I.

Enhanced apoptosis in retinal pigment epithelium under inflammatory stimuli and oxidative stress.

Immunomodulatory potential of partially hydrolyzed β -lactoglobulin and large synthetic peptides.

Progesterone-dependent regulation of endometrial cannabinoid receptor type 1 (CB1-R) expression is disrupted in women with endometriosis and in isolated stromal cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Temperature and cell-type dependency of sulfide effects on mitochondrial respiration.

Eccrine porocarcinoma with carcinomatous lymphangitis in a patient with history of arsenic exposure: a case report.

Development of brucine-loaded microsphere/thermally responsive hydrogel combination system for intra-articular administration.

Baicalein induces G1 arrest in oral cancer cells by enhancing the degradation of cyclin D1 and activating AhR to decrease Rb phosphorylation.

Suicidal sodium azide intoxication: An analytical challenge based on a rare case.

Photoinactivation of cell-free human immunodeficiency virus by hematoporphyrin monomethyl ether.

Glutamine suppresses dinitrophenol fluorobenzene-induced allergic contact dermatitis and itching: inhibition of contact dermatitis by glutamine.

Mechanistic exploration of AhR-mediated host protection against *Streptococcus pneumoniae* infection.

Intracellular accumulation of bilirubin as a defense mechanism against increased oxidative stress.

Metabolite profiling of plasma and urine from rats with TNBS-induced acute colitis using UPLC-ESI-QTOF-MS-based metabolomics--a pilot study.

Oxidative stress inhibits axonal transport: implications for neurodegenerative diseases.

A review of the role of lymphoma markers and occupational and environmental exposures.

Circulating microRNA-122 as a potential biomarker for liver injury.

Evaluation of paclitaxel/carboplatin in a dose dense or weekly regimen in 66 patients with recurrent or primary metastatic cervical cancer.

Iron requirements based upon iron absorption tests are poorly predicted by haematological indices in patients with inactive inflammatory bowel disease.

Aryl hydrocarbon receptor controls regulatory CD4+ T cell function.

[Brucine chitosan thermosensitive hydrogel for intra-articular injection].

Protein alteration of HepG2.2.15 cells induced by iron overload.

Aryl hydrocarbon receptor-mediated induction of EBV reactivation as a risk factor for Sjögren's syndrome.

2,3,7,8-tetrachlorodibenzo-p-dioxin induces transcriptional activity of the human polymorphic hs1,2 enhancer of the 3' IgH regulatory region.

Synthesis and evaluation of novel monosubstituted sulfonylurea derivatives as antituberculosis agents.

Aryl hydrocarbon receptor (AhR) regulates silica-induced inflammation but not fibrosis.

Inflammatory pathway genes belong to major targets of persistent organic pollutants in adipose cells.

Two different dosing regimens of human recombinant erythropoietin beta during preoperative autologous blood donation in patients having hip arthroplasty.

Narrow-band UVB irradiation stimulates the migration and functional development of vitiligo-IgG antibodies-treated pigment cells.

Potential biomarkers for identification of mycobacterial cultures by proton transfer reaction mass spectrometry analysis.

Induction of mitochondrial uncoupling enhances VEGF β , α , ϵ but reduces MCP-1 release in mature 3T3-L1 adipocytes: possible regulatory mechanism through endogenous ER stress and AMPK-related pathways.

Plant expression, lyophilisation and storage of HBV medium and large surface antigens for a prototype oral vaccine formulation.

Subacute arsenic exposure through drinking water reduces the pharmacodynamic effects of ketoprofen in male rats.

Cyclo(His-Pro) exerts anti-inflammatory effects by modulating NF- κ B and Nrf2 signalling.

Inhibition of VCAM-1 expression in endothelial cells by CORM-3: the role of the ubiquitin-proteasome system, p38, and mitochondrial respiration.

The vimentin-tubulin binding site peptide (Vim-TBS.58-81) crosses the plasma membrane and enters the nuclei of human glioma cells.

Melatonin as a neuroprotective agent in the rodent models of Parkinson's disease: is it all set to irrefutable clinical translation?

ErbB1/2 tyrosine kinase inhibitor mediates oxidative stress-induced apoptosis in inflammatory breast cancer cells.

Novel phage amplified multichannel series piezoelectric quartz crystal sensor for rapid and sensitive detection of Mycobacterium tuberculosis.

Analgesic and antipyretic activities of *Drymaria cordata* (Linn.) Willd (Caryophyllaceae) extract.

Uremia suppresses immune signal-induced CYP27B1 expression in human monocytes.

Global DNA methylation not increased in chronic hemodialysis patients: a case-control study.

Gender differences in transcriptional signature of developing rat testes and ovaries following embryonic exposure to 2,3,7,8-TCDD.

Coupled nitric oxide and autonomic receptor functional responses in the normal and inflamed urinary bladder of the rat.

Exogenous inflammatory acne due to combined application of cosmetic and facial rubbing.

Classic and new animal models of Parkinson's disease.

Enhancing effects of trichloroethylene and tetrachloroethylene on type I allergic responses in mice.

An update on protein-bound uremic retention solutes.

Relevance of protein fermentation to gut health.

Mechanism for the uncoupling of oxidative phosphorylation by juliprosopine on rat brain mitochondria.

1 α ,25 dihydroxyvitamin D₃ enhances cellular defences against UV-induced oxidative and other forms of DNA damage in skin.

Xylo-oligosaccharide (XOS) in combination with inulin modulates both the intestinal environment and immune status in healthy subjects, while XOS alone only shows prebiotic properties.

Streptococcus pneumoniae uses glutathione to defend against oxidative stress and metal ion toxicity.

Environmentally persistent free radicals decrease cardiac function and increase pulmonary artery pressure.

Aryl hydrocarbon receptor-dependence of dioxin's effects on constitutive mouse hepatic cytochromes P450 and growth hormone signaling components.

VP2118 has major roles in *Vibrio parahaemolyticus* response to oxidative stress.

Toxicogenomic profiles in relation to maternal immunotoxic exposure and immune functionality in newborns.

The contribution of thioredoxin-2 reductase and glutathione peroxidase to H₂O₂ detoxification of rat brain mitochondria.

Identification of novel bioactive aldehyde-modified phosphatidylethanolamines formed by lipid peroxidation.

Bladder urotoxicity pathophysiology induced by the oxazaphosphorine alkylating agents and its chemoprevention.

Poor air quality in classrooms related to asthma and rhinitis in primary schoolchildren of the French 6 Cities Study.

Role of chondroitin sulfate C in the action of anthrax toxin.

Unexpected gender difference in sensitivity to the acute toxicity of dioxin in mice.

Acute and subacute oral toxicity of polychlorinated diphenyl sulfides in mice: determining LD₅₀ and assessing the status of hepatic oxidative stress.

In vitro propagation of *Dioscorea alata* var. *purpurea*.

Protective effect of *Enicostema axillare* on mutagenicity of *Salmonella typhimurium* by increasing free radical scavenging abilities.

Lymphoma cells with increased anti-oxidant defenses acquire chemoresistance.

Meta-analysis of data from human *ex vivo* placental perfusion studies on genotoxic and immunotoxic agents within the integrated European project NewGeneris.

Suppressive effects of *Schizandra chinensis* Baillon water extract on allergy-related cytokine generation and degranulation in IgE-antigen complex-stimulated RBL-2H3 cells.

Clinical outcome of veterans with acute coronary syndrome who had been exposed to agent orange.

Acute inhalation study of allyl alcohol for derivation of acute exposure guideline levels.

7-Substituted-pyrrolo[3,2-d]pyrimidine-2,4-dione derivatives as antagonists of the transient receptor potential ankyrin 1 (TRPA1) channel: a promising approach for treating pain and inflammation.

Site-specific oxidation of apolipoprotein A-I impairs cholesterol export by ABCA1, a key cardioprotective function of HDL.

Inhibition of heme oxygenase-1 partially reverses the arsenite-mediated decrease of CYP1A1, CYP1A2, CYP3A23, and CYP3A2 catalytic activity in isolated rat hepatocytes.

Comparative Studies of the (Anti) Mutagenicity of *Baccharis dracunculifolia* and Artepillin C by the Bacterial Reverse Mutation Test.

Evaluation of rheological properties and swelling behaviour of sonicated scleroglucan samples.

Age-related effects of sodium arsenite on splenocyte proliferation and Th1/Th2 cytokine production.

Kynurenic acid: a metabolite with multiple actions and multiple targets in brain and periphery.

A mouse model of accelerated liver aging caused by a defect in DNA repair.

Mast cells in the intestine and gills of the sea bream, *Sparus aurata*, exposed to a polychlorinated biphenyl, PCB 126.

Antioxidant Potential of *Fagonia arabica* against the Chemical Ischemia-Induced in PC12 Cells.

[Expression of membrane and intracellular markers in workers exposed to phenols].

Tumor necrosis factor α stimulates expression and secretion of urokinase plasminogen activator in human dental pulp cells.

Transient receptor potential ankyrin 1 channel localized to non-neuronal airway cells promotes non-neurogenic inflammation.

Role of the Arylhydrocarbon Receptor (AhR) in the Pathology of Asthma and COPD.

Functional analysis of colonic bacterial metabolism: relevant to health?

Identification of ketoconazole as an AhR-Nrf2 activator in cultured human keratinocytes: the basis of its anti-inflammatory effect.

Differential regional expression patterns of α -synuclein, TNF- α , and IL-1 β ; and variable status of dopaminergic neurotoxicity in mouse brain after Paraquat treatment.

Chronic oral exposure to the aldehyde pollutant acrolein induces dilated cardiomyopathy.

Epidemiologic studies of glyphosate and non-cancer health outcomes: a review.

Medical management of paraquat ingestion.

[Effects of hemoperfusion on plasma concentration and histopathological changes in paraquat poisoning rabbits].

Protective effect of 4,4'-diaminodiphenylsulfone against paraquat-induced mouse lung injury.

Hepatotoxicity of silica nanoparticles with a diameter of 100 nm.

Acrolein - a pulmonary hazard.

Acrolein-mediated injury in nervous system trauma and diseases.

Neuroprotective effect of Cu,Zn-superoxide dismutase fused to a TCTP-derived protein transduction domain.

Lysine acetylsalicylate ameliorates lung injury in rats acutely exposed to paraquat.

The impact of the herbicide atrazine on growth and photosynthesis of seagrass, *Zostera marina* (L.), seedlings.

The efficacy of high doses of vitamin C in patients with paraquat poisoning.

A novel human volunteer pain model using contact heat evoked potentials (CHEP) following topical skin application of transient receptor potential agonists capsaicin, menthol and cinnamaldehyde.

Granulocyte macrophage-colony stimulating factor protects against substantia nigra dopaminergic cell loss in an environmental toxin model of Parkinson's disease.

Improved survival in severe paraquat poisoning with repeated pulse therapy of cyclophosphamide and steroids.

Role of growth factors in acute lung injury induced by paraquat in a rat model.

Membrane-active antimicrobial peptides and human placental lysosomal extracts are highly active against mycobacteria.

Acrolein induces myelin damage in mammalian spinal cord.

Protection of bone marrow mesenchymal stem cells from acute lung injury induced by paraquat poisoning.

Therapeutic hypothermia attenuates acute lung injury in paraquat intoxication in rats.

[Clinical study of dynamic change of inflammatory factors in serum of acute paraquat rats].

Protective effects of the aqueous extract of *Scutellaria baicalensis* against acrolein-induced oxidative stress in cultured human umbilical vein endothelial cells.

Aseptic meningitis in association with glyphosate-surfactant herbicide poisoning.

Toxicity of S-metolachlor containing formulation and heavy metals to chicken embryos.

Protective effect of ambroxol against paraquat-induced pulmonary fibrosis in rats.

Edaravone, a novel antidote against lung injury and pulmonary fibrosis induced by paraquat?

Effects of paraquat and capsaicin on the expression of genes related to inflammatory, immune responses and cell death in immortalized human HaCat keratinocytes.

Apolipoprotein D mediates autocrine protection of astrocytes and controls their reactivity level, contributing to the functional maintenance of paraquat-challenged dopaminergic systems.

Complement inhibition alleviates paraquat-induced acute lung injury.

The involvement of TRPA1 channel activation in the inflammatory response evoked by topical application of cinnamaldehyde to mice.

TRPA1 receptor modulation attenuates bladder overactivity induced by spinal cord injury.

Isopentenyl pyrophosphate is a novel antinociceptive substance that inhibits TRPV3 and TRPA1 ion channels.

Low-dose oral immunization with lyophilized tissue of herbicide-resistant lettuce expressing hepatitis B surface antigen for prototype plant-derived vaccine tablet formulation.

Oral exposure to acrolein exacerbates atherosclerosis in apoE-null mice.

Endothelial dysfunction and claudin 5 regulation during acrolein-induced lung injury.

Unbalanced MMP/TIMP-1 expression during the development of experimental pulmonary fibrosis with acute paraquat poisoning.

Anti-acrolein treatment improves behavioral outcome and alleviates myelin damage in experimental autoimmune encephalomyelitis mouse.

Consumption of hydrogen water reduces paraquat-induced acute lung injury in rats.

2'-Hydroxycinnamaldehyde targets low-density lipoprotein receptor-related protein-1 to inhibit lipopolysaccharide-induced microglial activation.

Synthesis of functionalized cinnamaldehyde derivatives by an oxidative Heck reaction and their use as starting materials for preparation of Mycobacterium tuberculosis 1-deoxy-D-xylulose-5-phosphate reductoisomerase inhibitors.

Reagent precoated targets for rapid in-tissue derivatization of the anti-tuberculosis drug isoniazid followed by MALDI imaging mass spectrometry.

Transient receptor potential ankyrin 1 is expressed by inhibitory motoneurons of the mouse intestine.

Murine hepatic aldehyde dehydrogenase 1a1 is a major contributor to oxidation of aldehydes formed by lipid peroxidation.

Phytotoxic, antifungal activities and acute toxicity studies of the crude extract and compounds from *Diospyros canaliculata*.

Increased oxidative/nitrosative stress markers measured non-invasively in patients with high 2,3,7,8-tetrachloro-dibenzo-p-dioxin plasma level.

TRPA1 receptors mediate environmental irritant-induced meningeal vasodilatation.

A single mid-gestation exposure to TCDD yields a postnatal autoimmune signature, differing by sex, in early geriatric C57BL/6 mice.

Chronic subhepatotoxic exposure to arsenic enhances hepatic injury caused by high fat diet in mice.

Effects of oleanolic acid on pulmonary morphofunctional and biochemical variables in experimental acute lung injury.

Controlling viral immuno-inflammatory lesions by modulating aryl hydrocarbon receptor signaling.

Aryl hydrocarbon receptor-mediated induction of Stearoyl-CoA desaturase 1 alters hepatic fatty acid composition in TCDD-elicited steatosis.

MicroRNAs in inflammation and response to injuries induced by environmental pollution.

Supplementation with oral vs. intravenous iron for anemia with IBD or gastrointestinal bleeding: is oral iron getting a bad rap?

Air pollution in autoimmune rheumatic diseases: a review.

Potential protective mechanisms of aryl hydrocarbon receptor (AHR) signaling in benign prostatic hyperplasia.

Discovery of potent, selective, and orally bioavailable alkynylphenoxyacetic acid CRTH2 (DP2) receptor antagonists for the treatment of allergic inflammatory diseases.

Nrf2 protects against 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced oxidative injury and steatohepatitis.

An endogenous tumour-promoting ligand of the human aryl hydrocarbon receptor.

The possible roles of environmental factors and the aryl hydrocarbon receptor in the prevalence of thyroid diseases in Vietnam era veterans.

Activation of the aryl hydrocarbon receptor suppresses sensitization in a mouse peanut allergy model.

Animal models of Parkinson's disease: a source of novel treatments and clues to the cause of the disease.

Molecular targets that link dioxin exposure to toxicity phenotypes.

Inhibition of fatty acid amide hydrolase suppresses referred hyperalgesia induced by bladder inflammation.

Synthesis and evaluation of novel carbon-11 labeled oxopurine analogues for positron emission tomography imaging of translocator protein (18 kDa) in peripheral organs.

Immune interactions in endometriosis.

Vascular hyperpermeability in response to inflammatory mustard oil is mediated by Rho kinase in mice systemically exposed to arsenic.

Vitamin B12 protects against superoxide-induced cell injury in human aortic endothelial cells.

Prenatal zinc supplementation of zinc-adequate rats adversely affects immunity in offspring.

Preconception omega-3 fatty acid supplementation of adult male mice with a history of developmental 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure prevents preterm birth in unexposed female partners.

Interaction of aryl hydrocarbon receptor and NF- κ B subunit RelB in breast cancer is associated with interleukin-8 overexpression.

Fulminant hepatic failure in woman with iron and non-steroidal anti-inflammatory drug intoxication.

Could *Malassezia* yeasts be implicated in skin carcinogenesis through the production of aryl-hydrocarbon receptor ligands?

Activation of aryl hydrocarbon receptor induces vascular inflammation and promotes atherosclerosis in apolipoprotein E^{-/-} mice.

Regulation of type 17 helper T-cell function by nitric oxide during inflammation.

Vascular incompetence in dialysis patients--protein-bound uremic toxins and endothelial dysfunction.

[Non dietetic environmental risk factors in prostate cancer].

Nitric oxide-mediated intracellular growth restriction of pathogenic *Rhodococcus equi* can be prevented by iron.

Role of the xenobiotic receptor in inflammatory bowel disease.

Antioxidant effect of vegetable oils containing conjugated linolenic acid isomers against induced tissue lipid peroxidation and inflammation in rat model.

Quantitation of branched-chain amino acids in ascites by capillary electrophoresis with light-emitting diode-induced fluorescence detection.

Uremic toxins and oral adsorbents.

Developmental dioxin exposure of either parent is associated with an increased risk of preterm birth in adult mice.

Developmental exposure to TCDD reduces fertility and negatively affects pregnancy outcomes across multiple generations.

Prenatal TCDD in mice increases adult autoimmunity.

[High doses of tocopherol in the prevention and potentiation of dioxin in experimental inflammation-potential application].

Surviving a life-threatening 2,4-DNP intoxication: 'Almost dying to be thin'.

Aryl hydrocarbon receptor activation by TCDD reduces inflammation associated with Crohn's disease.

Suppression of cytokine-mediated complement factor gene expression through selective activation of the Ah receptor with 3',4'-dimethoxy- β -naphthoflavone.

Gene expression alterations in immune system pathways in the thymus after exposure to immunosuppressive chemicals.

p-Cresyl sulphate and indoxyl sulphate predict progression of chronic kidney disease.

Oxidative stress and hepatic stellate cell activation are key events in arsenic induced liver fibrosis in mice.

Aryl hydrocarbon receptor ligand 2,3,7,8-tetrachlorodibenzo-p-dioxin enhances liver damage in bile duct-ligated mice.

Prenatal TCDD causes persistent modulation of the postnatal immune response, and exacerbates inflammatory disease, in 36-week-old lupus-like autoimmune SNF1 mice.

Suppression of the proinflammatory response of metastatic melanoma cells increases TRAIL-induced apoptosis.

Case-control study of risk factors of myelodysplastic syndromes according to World Health Organization classification in a Chinese population.

Applicability of an exaggerated forearm wash test for efficacy testing of two corticosteroids, tacrolimus and glycerol, in topical formulations against skin irritation induced by two different irritants.

Resveratrol (3,5,4'-trihydroxystilbene) protects pregnant mother and fetus from the immunotoxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

AhR2-mediated, CYP1A-independent cardiovascular toxicity in zebrafish (*Danio rerio*) embryos exposed to retene.

Activation of aryl hydrocarbon receptor (AhR) leads to reciprocal epigenetic regulation of FoxP3 and IL-17 expression and amelioration of experimental colitis.

Does uremia cause vascular dysfunction?

Metabolomic study of a rat fever model induced with 2,4-dinitrophenol and the therapeutic effects of a crude drug derived from *Coptis chinensis*.

Risk-managed production of bioactive recombinant proteins using a novel plant virus vector with a helper plant to complement viral systemic movement.

Actions of juglone on energy metabolism in the rat liver.

Dietary ligands of the aryl hydrocarbon receptor induce anti-inflammatory and immunoregulatory effects on murine dendritic cells.

TRPV1, TRPA1, and CB1 in the isolated vagus nerve--axonal chemosensitivity and control of neuropeptide release.

Vanin-1: a potential biomarker for nephrotoxicant-induced renal injury.

In vitro efficacy of acetohydroxyacid synthase inhibitors against clinical strains of *Mycobacterium tuberculosis* isolated from a hospital in Beijing, China.

Non-additive hepatic gene expression elicited by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB153) co-treatment in C57BL/6 mice.

Developmental effects related to angiogenesis and osteogenic differentiation in Salmon larvae continuously exposed to dioxin-like 3,3',4,4'-tetrachlorobiphenyl (congener 77).

Transient receptor potential A1 channels: insights into cough and airway inflammatory disease.

Swelling the hydrophobic core of surfactant-suspended single-walled carbon nanotubes: a SANS study.

Transcriptomics identifies differences between ultrapure non-dioxin-like polychlorinated biphenyls (PCBs) and dioxin-like PCB126 in cultured peripheral blood mononuclear cells.

Effect of oral coadministration of artesunate with ferrous sulfate on rat liver mitochondrial membrane permeability transition.

Modulation of mast cell adhesion, proliferation, and cytokine secretion on electrospun bioresorbable vascular grafts.

Oral ferrous sulfate does not increase preoperative hemoglobin in patients scheduled for hip or knee arthroplasty.

TRP channels: emerging targets for respiratory disease.

Effect of sodium arsenite dose administered in the drinking water on the urinary bladder epithelium of female arsenic (+3 oxidation state) methyltransferase knockout mice.

Effect of efflux pump inhibitors on drug susceptibility of ofloxacin resistant *Mycobacterium tuberculosis* isolates.

Mechanisms of induction of cytosolic and microsomal glutathione transferase (GST) genes by xenobiotics and pro-inflammatory agents.

Effect of pertussis toxin and herbimycin A on proteinase-activated receptor 2-mediated cyclooxygenase 2 expression in *Helicobacter pylori*-infected gastric epithelial AGS cells.

Cigarette smoke increases susceptibility to tuberculosis--evidence from in vivo and in vitro models.

[Differences in prenatal care between health services under the Family Health Strategy and traditional primary care clinics in Rio Grande, Rio Grande do Sul State, Brazil].

c-Src is required for complex formation between the hepatitis C virus-encoded proteins NS5A and NS5B: a prerequisite for replication.

Influence of Tl(+) on mitochondrial permeability transition pore in Ca(2+)-loaded rat liver mitochondria.

Cyclooxygenase-2 contributes to functional changes seen on experimental hemorrhagic cystitis induced by ifosfamide in rat urinary bladder.

Synthesis of new visnagen and khellin furochromone pyrimidine derivatives and their anti-inflammatory and analgesic activity.

C-reactive protein makes human endothelium stiff and tight.

Stiff endothelial cell syndrome in vascular inflammation and mineralocorticoid excess.

Human CYP2S1 metabolizes cyclooxygenase- and lipoxygenase-derived eicosanoids.

A dominant negative zebrafish Ahr2 partially protects developing zebrafish from dioxin toxicity.

Protective Effects of Liposomal N-Acetylcysteine against Paraquat-Induced Cytotoxicity and Gene Expression.

NTP toxicity studies of toxicity studies of 2,4-decadienal (CAS No. 25152-84-5) administered by gavage to F344/N Rats and B6C3F1 mice.

DNA damage induced by shikonin in the presence of Cu(II) ions: potential mechanism of its activity to apoptotic cell death.

Expression and purification of the membrane protein p7 from hepatitis C virus.

Prior exposure to organophosphorus and organochlorine pesticides increases the allergic potential of environmental chemical allergens in a local lymph node assay.

Cytotoxicity and gene array analysis of alveolar epithelial A549 cells exposed to paraquat.

[Hypothetical link between endometriosis and xenobiotics-associated genetically modified food].

Effects of prenatal exposure to a low dose atrazine metabolite mixture on pubertal timing and prostate development of male Long-Evans rats.

[Effects of enalapril on IL-1beta, IL-6 expression in rat lung exposure to acrolein].

Glyphosate-surfactant herbicide-induced reversible encephalopathy.

Exposure to acrolein by inhalation causes platelet activation.

[Clinical analysis of five cases of necrosis of femoral head after acute paraquat poisoning].

[Paraquat lung and monoamine transporter].

Severe paraquat poisoning: clinical and radiological findings in a survivor.

Systemic contact dermatitis presenting as lichen planus of the lip.

Spectrum of corrosive esophageal injury after intentional paraquat ingestion.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.

Desmoplastic small round-cell tumor: an adult with previous exposure to agent orange.

Simvastatin attenuates acrolein-induced mucin production in rats: involvement of the Ras/extracellular signal-regulated kinase pathway.

[Expression of angiotensin converting enzyme and angiotensin converting enzyme 2 gene in lung of paraquat poisoning rats and protection of sodium dimercaptopropane sulfonate].

Cigarette smoke total particulate matter increases mucous secreting cell numbers in vitro: a potential model of goblet cell hyperplasia.

[Expression of NF-kappaB and its downstream products in human umbilical vascular endothelial cells treated with paraquat].

[Changes of proteomics in the lung of rats subjected to acrolein inhalation after enalapril administration].

Paraquat-induced oxidative stress response during amphibian early embryonic development.

Intermediate filament carbonylation during acute acrolein toxicity in A549 lung cells: functional consequences, chaperone redistribution, and protection by bisulfite.

Low concentrations of atrazine, glyphosate, 2,4-dichlorophenoxyacetic acid, and triadimefon exposures have diverse effects on *Xenopus laevis* organ morphogenesis.

Rhinitis associated with pesticide use among private pesticide applicators in the agricultural health study.

Tacrolimus modulates dendritic cell activation in the sensitization phase of allergic contact dermatitis.

Failed rescue therapy with rapamycin after paraquat intoxication.

Degradation of fifteen emerging contaminants at microg L(-1) initial concentrations by mild solar photo-Fenton in MWTP effluents.

Acetaminophen, via its reactive metabolite N-acetyl-p-benzo-quinoneimine and transient receptor potential ankyrin-1 stimulation, causes neurogenic inflammation in the airways and other tissues in rodents.

Influence of cinnamaldehyde on viral myocarditis in mice.

Subanesthetic dose of isoflurane protects against zymosan-induced generalized inflammation and its associated acute lung injury in mice.

Selective stimulation by cinnamaldehyde of progesterone secretion in human adrenal cells.

Ocotea quixos Lam. essential oil: in vitro and in vivo investigation on its anti-inflammatory properties.

Modulation of SCF beta-TrCP-dependent I kappaB alpha ubiquitination by hydrogen peroxide.

Substance MCS-18 isolated from *Helleborus purpurascens* is a potent antagonist of the capsaicin receptor, TRPV1, in rat cultured sensory neurons.

Protective effects of the synthetic cannabinoids CP55,940 and JWH-015 on rat brain mitochondria upon paraquat exposure.

TRPA1-expressing primary afferents synapse with a morphologically identified subclass of substantia gelatinosa neurons in the adult rat spinal cord.

Role of the DinB homologs Rv1537 and Rv3056 in *Mycobacterium tuberculosis*.

Effect of dietary tea polyphenols on growth performance and cell-mediated immune response of post-weaning piglets under oxidative stress.

Regulatory effect of cinnamaldehyde on monocyte/macrophage-mediated inflammatory responses.

Cinnamaldehyde up-regulates the mRNA expression level of TRPV1 receptor potential ion channel protein and its function in primary rat DRG neurons in vitro.

High-throughput gene expression analysis of intestinal intraepithelial lymphocytes after oral feeding of carvacrol, cinnamaldehyde, or Capsicum oleoresin.

An endogenous aryl hydrocarbon receptor ligand acts on dendritic cells and T cells to suppress experimental autoimmune encephalomyelitis.

[Inspect aging psoriasis patients minutely! Psoriasis or skin cancer?].

Tyrosine sulfation of the amino terminus of PSGL-1 is critical for enterovirus 71 infection.

Breast cancer stem-like cells are inhibited by a non-toxic aryl hydrocarbon receptor agonist.

Toxicology and carcinogenesis studies of 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (CAS No. 31508-00-6) in female harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 3,3',4,4'-tetrachloroazobenzene (TCAB) (CAS No. 14047-09-7) in Harlan Sprague-Dawley rats and B6C3F1 mice (gavage studies).

A case of black urine and dark skin - cresol poisoning.

A cluster of inflammatory breast cancer (IBC) in an office setting: additional evidence of the importance of environmental factors in IBC etiology.

Recruitment maneuver in experimental acute lung injury: the role of alveolar collapse and edema.

TCDD induced pericardial edema and relative COX-2 expression in medaka (*Oryzias Latipes*) embryos.

The high level of RANTES in the ectopic milieu recruits macrophages and induces their tolerance in progression of endometriosis.

Evolution and prognosis of necrotic primary teeth after pulpectomy.

Non-genomic action of TCDD to induce inflammatory responses in HepG2 human hepatoma cells and in liver of C57BL/6J mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin modifies expression and nuclear/cytosolic localization of bovine herpesvirus 1 immediate-early protein (bICP0) during infection.

Strepsils[®] tablets reduce sore throat and hoarseness after tracheal intubation.

Identification and investigation of mitochondria lacking cytochrome c oxidase activity in axons.

Mechanistic insights into the events that lead to synergistic induction of interleukin 6 transcription upon activation of the aryl hydrocarbon receptor and inflammatory signaling.

'Fatal 2,4-dinitrophenol poisoning... coming to a hospital near you'.

Early onset of neurological symptoms in fragile X premutation carriers exposed to neurotoxins.

Does polyamine oxidase activity influence the oxidative metabolism of children who suffer of diabetes mellitus?

Assisted ventilation modes reduce the expression of lung inflammatory and fibrogenic mediators in a model of mild acute lung injury.

Activation of the aryl hydrocarbon receptor pathway may ameliorate dextran sodium sulfate-induced colitis in mice.

Serological cardiovascular and mortality risk predictors in dialysis patients receiving sevelamer: a prospective study.

Elevated soluble transferrin receptor levels reflect increased erythropoietic drive rather than iron deficiency in pediatric sickle cell disease.

Functional and phenotypic effects of AhR activation in inflammatory dendritic cells.

Lactoferrin efficacy versus ferrous sulfate in curing iron deficiency and iron deficiency anemia in pregnant women.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces disruption of glands of the prostate and fibrosis in rhesus monkeys.

Development of a selective modulator of aryl hydrocarbon (Ah) receptor activity that exhibits anti-inflammatory properties.

Synthesis of 3-((2,4-dichlorophenoxy)methyl)-1,2,4-triazolo(thiadiazoles and thiadiazines) as anti-inflammatory and molluscicidal agents.

Kynurenic acid is a potent endogenous aryl hydrocarbon receptor ligand that synergistically induces interleukin-6 in the presence of inflammatory signaling.

5-FU for genital warts in non-immunocompromised individuals.

Enhancement of TAT cell membrane penetration efficiency by dimethyl sulphoxide.

Differential gene regulation by the human and mouse aryl hydrocarbon receptor.

Suppression of experimental autoimmune uveoretinitis by inducing differentiation of regulatory T cells via activation of aryl hydrocarbon receptor.

HBx targeting to mitochondria and ROS generation are necessary but insufficient for HBV-induced cyclooxygenase-2 expression.

Free p-cresylsulphate is a predictor of mortality in patients at different stages of chronic kidney disease.

Octatropine methyl bromide and diazepam combination (Valpinax) in patients with irritable bowel syndrome: a multicentre, randomized, placebo-controlled trial.

[Chemical contamination of the environment and development of allergic and autoimmune diseases].

AHR activation by tryptophan--pathogenic hallmark of Th17-mediated inflammation in eosinophilic fasciitis, eosinophilia-myalgia-syndrome and toxic oil syndrome?

[A case of severe bronchial mucosal injury caused by iron pill aspiration].

Features and prognostic factors for elderly with acute poisoning in the emergency department.

Ground-glass-like hepatocellular inclusions in the course of adult-onset Still's disease.

Ischemia-activated microglia induces neuronal injury via activation of gp91phox NADPH oxidase.

Increased levels of total P-Cresylsulphate and indoxyl sulphate are associated with coronary artery disease in patients with diabetic nephropathy.

[Neurodevelopmental disorders in response to hormonally active environmental pollutants].

Protective role of zinc in ameliorating arsenic-induced oxidative stress and histological changes in rat liver.

Efficacy and safety of ferric carboxymaltose in correcting iron-deficiency anemia: a review of randomized controlled trials across different indications.

Indian spice curcumin may be an effective strategy to combat the genotoxicity of arsenic in Swiss albino mice.

Histopathological evaluation of root canal filling materials for primary teeth.

Perinatal exposure of mice to TCDD decreases allergic sensitisation through inhibition of IL-4 production rather than T regulatory cell-mediated suppression.

Dioxin and immune regulation: emerging role of aryl hydrocarbon receptor in the generation of regulatory T cells.

A case of human poisoning with a flufenoxuron-containing insecticide.

Neuroprotective effect of s-methylisothiourea in transient focal cerebral ischemia in rat.

Evidence supporting a role for N-(3-formyl-3,4-dehydropiperidino)lysine accumulation in Müller glia dysfunction and death in diabetic retinopathy.

Effects of selected food phytochemicals in reducing the toxic actions of TCDD and p,p'-DDT in U937 macrophages.

Effects of the compounds MV8608 and MV8612 obtained from *Mandevilla velutina* in the model of hemorrhagic cystitis induced by cyclophosphamide in rats.

Metals, oxidative stress and neurodegenerative disorders.

Injury and differentiation following inhibition of mitochondrial respiratory chain complex IV in rat oligodendrocytes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin impairs stable establishment of oral tolerance in mice.

Serum protein-bound uraemic toxins and clinical outcomes in haemodialysis patients.

Alkylation of the tumor suppressor PTEN activates Akt and β -catenin signaling: a mechanism linking inflammation and oxidative stress with cancer.

Guar gum and scleroglucan interactions with borax: experimental and theoretical studies of an unexpected similarity.

Matrix metalloproteinase-9 and -2 expression in the olfactory bulb following methyl bromide gas exposure.

Transcription of the Epstein-Barr virus lytic cycle activator BZLF-1 during oxidative stress induction.

Stress inducible heat shock protein 70: a potent molecular and toxicological signature in arsenic exposed broiler chickens.

Gene expression profile and cytotoxicity of human bronchial epithelial cells exposed to crotonaldehyde.

Genomic indicators in the blood predict drug-induced liver injury.

Occurrence and risk assessment of acidic pharmaceuticals in the Yellow River, Hai River and Liao River of north China.

Sensory detection and responses to toxic gases: mechanisms, health effects, and countermeasures.

Transcriptional regulation of bone sialoprotein gene by *Porphyromonas gingivalis* lipopolysaccharide.

Microglial peroxiredoxin V acts as an inducible anti-inflammatory antioxidant through cooperation with redox signaling cascades.

Enhanced translocation of bacteria across metabolically stressed epithelia is reduced by butyrate.

Low-dose synergistic immunosuppression of T-dependent antibody responses by polycyclic aromatic hydrocarbons and arsenic in C57BL/6J murine spleen cells.

Metabolic correlations of glucocorticoids and polyamines in inflammation and apoptosis.

Influence of blood meal on the responsiveness of olfactory receptor neurons in antennal sensilla trichodea of the yellow fever mosquito, *Aedes aegypti*.

Transient receptor potential channels as novel drug targets in respiratory diseases.

Implication of oxidative stress as a cause of autoimmune hemolytic anemia in NZB mice.

Intravital fluorescent microscopic evaluation of bacterial cellulose as scaffold for vascular grafts.

TCDD and a putative endogenous AhR ligand, ITE, elicit the same immediate changes in gene expression in mouse lung fibroblasts.

Radical-scavenging activity and cytotoxicity of p-methoxyphenol and p-cresol dimers.

TCDD-induced cyclooxygenase-2 expression is mediated by the nongenomic pathway in mouse MMDD1 macula densa cells and kidneys.

Arylhydrocarbon receptor activation in NCI-H441 cells and C57BL/6 mice: possible mechanisms for lung dysfunction.

Exposure to 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin and tetraethyl lead affects lung mitochondria bioenergetics.

Histone deacetylase inhibitors decrease the antigen presenting activity of murine bone marrow derived dendritic cells.

Interferon-gamma deficiency modifies the motor and co-morbid behavioral pathology and neurochemical changes provoked by the pesticide paraquat.

The role of T cells in the regulation of acrolein-induced pulmonary inflammation and epithelial-cell pathology.

Paraquat (PQ)-induced pulmonary fibrosis increases exercise metabolic cost, reducing aerobic performance in rats.

Clinical implication of urinary neutrophil gelatinase-associated lipocalin and kidney injury molecule-1 in patients with acute paraquat intoxication.

Rhinitis associated with pesticide exposure among commercial pesticide applicators in the Agricultural Health Study.

Rotenone and paraquat do not directly activate microglia or induce inflammatory cytokine release.

Intraoral contact mucositis induced by cinnamon-flavored chewing gum--a case report.

Vasogenic edema in striatum following ingestion of glufosinate-containing herbicide.

Postmortem analyses unveil the poor efficacy of decontamination, anti-inflammatory and immunosuppressive therapies in paraquat human intoxications.

Glycogen content is affected differently in acute pulmonary and extra-pulmonary lung injury.

p38 MAPK and MMP-9 cooperatively regulate mucus overproduction in mice exposed to acrolein fog.

Effects of 2,4-dichlorophenoxyacetic acid formulation on medulla spinalis of *Poecilia reticulata*: a histopathological study.

Pathogenic stimulation of intestinal stem cell response in *Drosophila*.

Inflammatory priming of the substantia nigra influences the impact of later paraquat exposure: Neuroimmune sensitization of neurodegeneration.

[Pathologic changes and expression of Heme oxygenase-1 in paraquat-induced renal injury].

Allergic reaction induced by dermal and/or respiratory exposure to low-dose phenoxyacetic acid, organophosphorus, and carbamate pesticides.

Fatal diquat intoxication.

[Effects of ulinastatin to pro-inflammatory mediators in rats with acute paraquat intoxication].

Delayed immunosuppressive treatment in life-threatening paraquat ingestion: a case report.

Immunohistochemical and histopathological evaluation of 2,4-dichlorophenoxyacetic acid-induced changes in rat kidney cortex.

Occupational exposure to pesticides and lymphoid neoplasms among men: results of a French case-control study.

Acrolein activates matrix metalloproteinases by increasing reactive oxygen species in macrophages.

Morbidity in former sawmill workers exposed to pentachlorophenol (PCP): a cross-sectional study in New Zealand.

Protection against paraquat and A53T alpha-synuclein toxicity by cabergoline is partially mediated by dopamine receptors.

[Expression of inflammatory factors in lung tissue of acute paraquat poisoned rats].

[Changes in nitric oxide, prostaglandins and myeloperoxidase activity in acrolein-induced cystitis in rats].

An effective antidote for paraquat poisonings: the treatment with lysine acetylsalicylate.

Collaborative work on evaluation of ovarian toxicity. 14) Two- or four-week repeated-dose studies and fertility study of atrazine in female rats.

[Influence of early effective control for inflammatory exudation on survival rate of acute paraquat poisoning].

Oxidative and inflammatory pathways in Parkinson's disease.

Inhibitory effects of Geijigajakyak-Tang on trinitrobenzene sulfonic acid-induced colitis.

Increased sensitivity of glutathione S-transferase P-null mice to cyclophosphamide-induced urinary bladder toxicity.

Staphylococcal catalase regulates its virulence and induces arthritis in catalase deficient mice.

Acrolein, a ubiquitous pollutant and lipid hydroperoxide product, inhibits antiviral activity of interferon-alpha: relevance to hepatitis C.

Rosiglitazone, a peroxisome proliferator-activated receptor-gamma agonist, attenuates acrolein-induced airway mucus hypersecretion in rats.

Influence of cyclophosphamide and its metabolic products on the activity of peritoneal macrophages in mice.

TRPV1-mediated itch in seasonal allergic rhinitis.

Effect of sildenafil on acrolein-induced airway inflammation and mucus production in rats.

Antiinflammatory effects of hydrogen peroxide in neutrophil activation and acute lung injury.

Spice active principles as the inhibitors of human platelet aggregation and thromboxane biosynthesis.

Protective effect of montelukast on paraquat-induced lung toxicity in rats.

Effect of long-term exposure to simazine on histopathology, hematological, and biochemical parameters in *Cyprinus carpio*.

Azide and Tween-20 reduce binding to autoantibody epitopes of islet antigen-2; implications for assay performance and reproducibility.

Antioxidant activity of mangostin in cell-free system and its effect on K562 leukemia cell line in photodynamic therapy.

Reproductive lesions in female Harlan Sprague-Dawley rats following two-year oral treatment with dioxin and dioxin-like compounds.

The pneumococcal response to oxidative stress includes a role for Rgg.

Arsenic exacerbates atherosclerotic lesion formation and inflammation in ApoE^{-/-} mice.

Inflammatory and chloracne-like skin lesions in B6C3F1 mice exposed to 3,3',4,4'-tetrachloroazobenzene for 2 years.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin disrupts B-cell lymphopoiesis and exacerbates autoimmune disease in 24-week-old SNF1 mice.

Marked iron overload related to ribavirin and iron sulfate treatment in a patient with active viral C cirrhosis.

[Acute and subacute chemical pneumonitis].

Effects of chronic exposure to DDT and TCDD on disease activity in murine systemic lupus erythematosus.

Developmental exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin alters postnatal T cell phenotypes and T cell function and exacerbates autoimmune lupus in 24-week-old SNF1 mice.

Oral and intravenous iron treatment in inflammatory bowel disease: hematological response and quality of life improvement.

Post-exposure treatment with nasal atropine methyl bromide protects against microinstillation inhalation exposure to sarin in guinea pigs.

Synthesis of some novel triazole derivatives as anti-nociceptive and anti-inflammatory agents.

Disruption of nNOS-PSD95 protein-protein interaction inhibits acute thermal hyperalgesia and chronic mechanical allodynia in rodents.

Expression of constitutively-active aryl hydrocarbon receptor in T-cells enhances the down-regulation of CD62L, but does not alter expression of CD25 or suppress the allogeneic CTL response.

Mechanisms of non-genotoxic carcinogens and importance of a weight of evidence approach.

Lysozyme, a mediator of sepsis that intrinsically generates hydrogen peroxide to cause cardiovascular dysfunction.

Autologous melanoma vaccine induces antitumor and self-reactive immune responses that affect patient survival and depend on MHC class II expression on vaccine cells.

Activation of aryl hydrocarbon receptor by TCDD prevents diabetes in NOD mice and increases Foxp3+ T cells in pancreatic lymph nodes.

Protection of bleomycin-induced fibrosis and inflammation by taurine.

Immunogenicity of a standard trivalent influenza vaccine in patients on long-term hemodialysis: an open-label trial.

Prone position prevents regional alveolar hyperinflation and mechanical stress and strain in mild experimental acute lung injury.

Peroxiredoxin 6 fails to limit phospholipid peroxidation in lung from Cfr-knockout mice subjected to oxidative challenge.

Melatonin reduces acute lung injury in endotoxemic rats.

[Model establishment of liver fibrosis in oral arsenic solution exposed mice].

Characterization of inflammatory bowel disease with urinary metabolic profiling.

Dexamethasone enhances basal and TNF-alpha-stimulated production of PAI-1 via the glucocorticoid receptor regardless of 11beta-hydroxysteroid dehydrogenase 2 status in human proximal renal tubular cells.

Neonatal exposure to low-dose 2,3,7,8-tetrachlorodibenzo-p-dioxin causes autoimmunity due to the disruption of T cell tolerance.

Differentiation of human osteosarcoma cells by isolated phlorotannins is subtly linked to COX-2, iNOS, MMPs, and MAPK signaling: implication for chronic articular disease.

Ethnicity and incidence of Hodgkin lymphoma in Canadian population.

Mitochondrial changes within axons in multiple sclerosis.

The conversion of rapid TCCD nongenomic signals to persistent inflammatory effects via select protein kinases in MCF10A cells.

The soluble nickel component of residual oil fly ash alters pulmonary host defense in rats.

Characterization of the pattern of the nongenomic signaling pathway through which TCDD-induces early inflammatory responses in U937 human macrophages.

Cell-mediated immune response to unrelated proteins and unspecific inflammation blocked by orally tolerated proteins.

The significance of the nongenomic pathway in mediating inflammatory signaling of the dioxin-activated Ah receptor to cause toxic effects.

A new cross-talk between the aryl hydrocarbon receptor and RelB, a member of the NF-kappaB family.

TCDD induces cell migration via NFATc1/ATX-signaling in MCF-7 cells.

[The specific features of the clinical course of tuberculosis and enhancement of its treatment efficiency in fertile-age women with iron-deficiency anemia].

Mass spectrometric and peptide chip epitope mapping of rheumatoid arthritis autoantigen RA33.

Ferric carboxymaltose: a review of its use in iron-deficiency anaemia.

Intravenous iron sucrose is superior to oral iron sulphate for correcting anaemia and restoring iron stores in IBD patients: A randomized, controlled, evaluator-blind, multicentre study.

Therapeutic surfactants modulate the viability of eosinophils and induce inflammatory mediator release.

Iron medication-induced gastric mucosal injury.

Targeting of aryl hydrocarbon receptor-mediated activation of cyclooxygenase-2 expression by the indole-3-carbinol metabolite 3,3'-diindolylmethane in breast cancer cells.

Developmental immunotoxicology: focus on health risks.

Heparan sulfate proteoglycans are required for cellular binding of the hepatitis E virus ORF2 capsid protein and for viral infection.

The pleiotropy of dioxin toxicity--xenobiotic misappropriation of the aryl hydrocarbon receptor's alternative physiological roles.

Evaluation of phagocytic activity and nitric oxide generation by molluscan haemocytes as biomarkers of inorganic arsenic exposure.

The mammalian aryl hydrocarbon (Ah) receptor: from mediator of dioxin toxicity toward physiological functions in skin and liver.

Hemangiomas, angiosarcomas, and vascular malformations represent the signaling abnormalities of pathogenic angiogenesis.

Transepithelial transport of macromolecular substances in IL-4 treated human intestinal T84 cell monolayers.

Structural basis for the inhibition of Mycobacterium tuberculosis glutamine synthetase by novel ATP-competitive inhibitors.

Synthesis and pharmacological evaluation of 1,3,4-oxadiazole bearing bis(heterocycle) derivatives as anti-inflammatory and analgesic agents.

Acacia Senegal gum exudate offers protection against cyclophosphamide-induced urinary bladder cytotoxicity.

Systematic gene expression profile of hypothalamus in calorie-restricted mice implicates the involvement of mTOR signaling in neuroprotective activity.

Low dose of 2,3,7,8 tetrachlorodibenzo-p-dioxin induces testicular oxidative stress in adult rats under the influence of corticosterone.

Functionalized 3-amino-imidazo[1,2-a]pyridines: a novel class of drug-like Mycobacterium tuberculosis glutamine synthetase inhibitors.

Modulation of carcinogen metabolism by nitric oxide-aspirin 2 is associated with suppression of DNA damage and DNA adduct formation.

Rescue of anaemia and autoimmune responses in SOD1-deficient mice by transgenic expression of human SOD1 in erythrocytes.

[Production of marker-free plants expressing the gene of the hepatitis B virus surface antigen].

Distinct roles of two zebrafish AHR repressors (AHRRa and AHRRb) in embryonic development and regulating the response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Biotechnological and industrial significance of cyanobacterial secondary metabolites.

Effects of TI(+) on ion permeability, membrane potential and respiration of isolated rat liver mitochondria.

Chiral analysis of anti-acquired immunodeficiency syndrome drug, 9-(R)-[2-(phosphonomethoxy)propyl]adenine (tenofovir), and related antiviral acyclic nucleoside phosphonates by CE using beta-CD as chiral selector.

CYP1A1 and CYP1A2 expression: comparing 'humanized' mouse lines and wild-type mice; comparing human and mouse hepatoma-derived cell lines.

Non-carcinogenic carbon sorbents for respiratory protection.

Involvement of Blimp-1 and AP-1 dysregulation in the 2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated suppression of the IgM response by B cells.

In vivo and in vitro evaluation of an Acetobacter xylinum synthesized microbial cellulose membrane intended for guided tissue repair.

Studies on histopathological changes in the gill, liver and kidney of Channa punctatus (Bloch) exposed to Alachlor.

Experimental study of the tissue reaction caused by the presence of cellulose produced by Acetobacter xylinum in the nasal dorsum of rabbits.

5,7-dihydroxy-3,4,6-trimethoxyflavone inhibits the inflammatory effects induced by Bacteroides fragilis enterotoxin via dissociating the complex of heat shock protein 90 and I kappaB alpha and I kappaB kinase-gamma in intestinal epithelial cell culture.

C-reactive protein modulates human lung fibroblast migration.

Refractory cardiopulmonary failure after glyphosate surfactant intoxication: a case report.

Beyond toxicity: aryl hydrocarbon receptor-mediated functions in the immune system.

Effects of prevalent freshwater chemical contaminants on in vitro growth of Escherichia coli and Klebsiella pneumoniae.

Rhabdomyolysis from an intramuscular injection of glyphosate-surfactant herbicide.

Individual and joint toxic effects of pentachlorophenol and bisphenol A on the development of zebrafish (*Danio rerio*) embryo.

[Influence of pyrrolidine dithiocarbamate (PDTC) on expression of transforming growth factor beta(1), matrix metalloproteinase-2 and tissue inhibitor-1 of metalloproteinase in rats with pulmonary damage induced by paraquat].

The involvement of nitric oxide in maneb- and paraquat-induced oxidative stress in rat polymorphonuclear leukocytes.

A review of the immunotoxicity of the pesticide 3,4-dichloropropionanilide.

Spermatogenesis, epididymis morphology and plasma sex steroid secretion in the male lizard *Podarcis sicula* exposed to diuron.

Oral mucosal response to exposure to diquat: a rare occupational injury.

Use of sirolimus in a case of severe paraquat poisoning.

An outbreak of fatal pneumonitis caused by contamination of illicit alcohol with paraquat.

Establishing the use of melatonin as an adjuvant therapeutic against paraquat-induced lung toxicity in rats.

Nonredundant functions of alphabeta and gammadelta T cells in acrolein-induced pulmonary pathology.

The cannabinoid CP55,940 prolongs survival and improves locomotor activity in *Drosophila melanogaster* against paraquat: implications in Parkinson's disease.

The effectiveness of combined treatment with methylprednisolone and cyclophosphamide in oral paraquat poisoning.

How irritating: the role of TRPA1 in sensing cigarette smoke and aerogenic oxidants in the airways.

Blockade of NGF and trk receptors inhibits increased peripheral mechanical sensitivity accompanying cystitis in rats.

Modulation of signal transduction pathways in lymphocytes due to sub-lethal toxicity of chlorinated phenol.

Triptolide protects against 1-methyl-4-phenyl pyridinium-induced dopaminergic neurotoxicity in rats: implication for immunosuppressive therapy in Parkinson's disease.

Reduced toxicological activity of cigarette smoke by the addition of ammonia magnesium phosphate to the paper of an electrically heated cigarette: subchronic inhalation toxicology.

Acrolein induces inflammatory response underlying endothelial dysfunction: a risk factor for atherosclerosis.

Acute renal failure induced by bentazone: 2 case reports and a comprehensive review.

Application of physiological computational fluid dynamics models to predict interspecies nasal dosimetry of inhaled acrolein.

Respiratory tract responses in male rats following subchronic acrolein inhalation.

Protective effects of ethyl pyruvate treatment on paraquat-intoxicated rats.

Acrolein: sources, metabolism, and biomolecular interactions relevant to human health and disease.

Keap1/Nrf2 signaling regulates oxidative stress tolerance and lifespan in *Drosophila*.

Photoreceptor oxidative damage in sympathetic ophthalmia.

Cannabinoid receptor 2 is increased in acutely and chronically inflamed bladder of rats.

Tyrosine phosphatase SHP-1 in oxidative stress and development of allergic airway inflammation.

Cyclooxygenase-2 deficiency modifies the neurochemical effects, motor impairment and co-morbid anxiety provoked by paraquat administration in mice.

[Interventions of enalapril on airway inflammation in rat models induced by acrolein].

Prostaglandins inhibit cytochrome P450 4A activity and contribute to endotoxin-induced hypotension in rats via nitric oxide production.

Cigarette smoke-induced neurogenic inflammation is mediated by alpha,beta-unsaturated aldehydes and the TRPA1 receptor in rodents.

Acrolein inhalation suppresses lipopolysaccharide-induced inflammatory cytokine production but does not affect acute airways neutrophilia.

Inhibition of acrolein-stimulated MUC5AC production by fucoidan in human bronchial epithelial cells.

Tear cytokine and ocular surface alterations following brief passive cigarette smoke exposure.

Dynamics of glyphosate-induced conformational changes of *Mycobacterium tuberculosis* 5-enolpyruvylshikimate-3-phosphate synthase (EC 2.5.1.19) determined by hydrogen-deuterium exchange and electrospray mass spectrometry.

Cinnamaldehyde inhibits the tumor necrosis factor-alpha-induced expression of cell adhesion molecules in endothelial cells by suppressing NF-kappaB activation: effects upon IkappaB and Nrf2.

Anti-inflammation activities of essential oil and its constituents from indigenous cinnamon (*Cinnamomum osmophloeum*) twigs.

Distribution and function of the hydrogen sulfide-sensitive TRPA1 ion channel in rat urinary bladder.

Cinnamaldehyde inhibits pro-inflammatory cytokines secretion from monocytes/macrophages through suppression of intracellular signaling.

Significance of the nongenomic, inflammatory pathway in mediating the toxic action of TCDD to induce rapid and long-term cellular responses in 3T3-L1 adipocytes.

Decoy receptor 3 expression in AsPC-1 human pancreatic adenocarcinoma cells via the phosphatidylinositol 3-kinase-, Akt-, and NF-kappa B-dependent pathway.

Initial and extended inflammatory messages of the nongenomic signaling pathway of the TCDD-activated Ah receptor in U937 macrophages.

Sodium azide induces necrotic cell death in rat squamous cell carcinoma SCC131.

Dihydrolipoic acid inhibits tetrachlorohydroquinone-induced tumor promotion through prevention of oxidative damage.

Synthesis of biologically active N-methyl derivatives of amidines and cyclized five-membered products of amidines with oxalyl chloride.

Pleural mesothelial cells express both BLT2 and PPARalpha and mount an integrated response to pleural leukotriene B4.

Fluorescence confocal laser scanning microscopy for in vivo imaging of epidermal reactions to two experimental irritants.

Identification of Inonotus obliquus and analysis of antioxidation and antitumor activities of polysaccharides.

Characterization of the transduction pathway involved in c-fos and c-jun expression induced by Aggregatibacter actinomycetemcomitans lipopolysaccharides in human gingival fibroblasts.

Perinatal TCDD exposure and the adult onset of autoimmune disease.

Recent progress and diverse effects in developmental immunotoxicology: overview of a symposium at the 46th Annual SOT Meeting, Charlotte, NC.

An enhanced postnatal autoimmune profile in 24 week-old C57BL/6 mice developmentally exposed to TCDD.

Critical role of cyclooxygenase-2 activation in pathogenesis of hydronephrosis caused by lactational exposure of mice to dioxin.

A role for the aryl hydrocarbon receptor and the dioxin TCDD in rheumatoid arthritis.

Functional characterization and gene expression analysis of CD4+ CD25+ regulatory T cells generated in mice treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Synthesis and evaluation in vitro and in vivo of a ¹¹C-labeled cyclooxygenase-2 (COX-2) inhibitor.

Oxidative inactivation of the proteasome in retinal pigment epithelial cells. A potential link between oxidative stress and up-regulation of interleukin-8.

Combination of estrogen and dioxin is involved in the pathogenesis of endometriosis by promoting chemokine secretion and invasion of endometrial stromal cells.

Relationship of impaired olfactory function in ESRD to malnutrition and retained uremic molecules.

Inorganic arsenic exposure affects pain behavior and inflammatory response in rat.

Polychlorinated biphenyl-77 induces adipocyte differentiation and proinflammatory adipokines and promotes obesity and atherosclerosis.

Multiple cutaneous precanceroses and carcinomas from combined iatrogenic/professional exposure to arsenic.

CYP1A/regucalcin gene expression and edema formation in zebrafish embryos exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Dioxin may promote inflammation-related development of endometriosis.

A novel intravenous iron formulation for treatment of anemia in inflammatory bowel disease: the ferric carboxymaltose (FERINJECT) randomized controlled trial.

Control of T(reg) and T(H)17 cell differentiation by the aryl hydrocarbon receptor.

The aryl hydrocarbon receptor links TH17-cell-mediated autoimmunity to environmental toxins.

High prevalence of celiac disease in Mexican Mestizo adults with type 1 diabetes mellitus.

Comparative genomics identifies genes mediating cardiotoxicity in the embryonic zebrafish heart.

[Analytic role in clinical toxicology--impact on the diagnosis and treatment of a poisoned patient].

Sodium arsenite reduces severity of dextran sulfate sodium-induced ulcerative colitis in rats.

Sodium arsenite induces heat shock protein 70 expression and protects against secretagogue-induced trypsinogen and NF-kappaB activation.

Gastrointestinal microbial ecology and the safety of our food supply as related to Salmonella.

Synthesis, antimicrobial and anti-inflammatory activities of some 1,2,4-triazolo[3,4-b][1,3,4]thiadiazoles and 1,2,4-triazolo[3,4-b][1,3,4]thiadiazines bearing trichlorophenyl moiety.

Relative potency based on hepatic enzyme induction predicts immunosuppressive effects of a mixture of PCDDS/PCDFS and PCBS.

[An overview on biomarkers of arsenic-induced health hazardsan].

High dietary fat exacerbates arsenic-induced liver fibrosis in mice.

Decreased epithelial barrier function evoked by exposure to metabolic stress and nonpathogenic E. coli is enhanced by TNF-alpha.

The aryl hydrocarbon receptor affects distinct tissue compartments during ontogeny of the immune system.

TCDD exposure exacerbates atopic dermatitis-related inflammation in NC/Nga mice.

Health effects of early life exposure to arsenic.

Hepatocyte mitochondrion electron-transport chain alterations in CCl(4) and alcohol induced hepatitis in rats and their correction with simvastatin.

Subhepatotoxic exposure to arsenic enhances lipopolysaccharide-induced liver injury in mice.

[Outdoor work-related health hazards].

Anemia management in peritoneal dialysis patients: can an iron supplement maintain a normal transferrin saturation and hemoglobin level?

Humoral response against *Mycobacterium bovis* Hsp65 derived fragments in children and young people with various disorders.

Effects of 4-tert-Octylphenol on the incubation of eggs in Japanese brown frogs (*Rana japonica*).

Cytotoxicity, histopathological, microbiological and clinical aspects of an endodontic iodoform-based paste used in pediatric dentistry: a review.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters the differentiation of alloreactive CD8⁺ T cells toward a regulatory T cell phenotype by a mechanism that is dependent on aryl hydrocarbon receptor in CD4⁺ T cells.

Endocrine disruptors and estrogenic effects on male reproductive axis.

Pesticides and atopic and nonatopic asthma among farm women in the Agricultural Health Study.

C-reactive protein induces endothelial cell apoptosis and matrix metalloproteinase-9 production in human mononuclear cells: Implications for the destabilization of atherosclerotic plaque.

Swelling the micelle core surrounding single-walled carbon nanotubes with water-immiscible organic solvents.

Matrix metalloproteinase-2 and -9 are induced differently by metal nanoparticles in human monocytes: The role of oxidative stress and protein tyrosine kinase activation.

Induction of cellular stress overcomes the requirement of herpes simplex virus type 1 for immediate-early protein ICPO and reactivates expression from quiescent viral genomes.

Combining ligand-based pharmacophore modeling, quantitative structure-activity relationship analysis and in silico screening for the discovery of new potent hormone sensitive lipase inhibitors.

2,3,7,8-tetrachlorodibenzo-p-dioxin regulates bovine herpesvirus type 1 induced apoptosis by modulating Bcl-2 family members.

Lipoic acid as an anti-inflammatory and neuroprotective treatment for Alzheimer's disease.

Cytokine-induced arginase activity in pulmonary endothelial cells is dependent on Src family tyrosine kinase activity.

Lack of TRPV1 inhibits cystitis-induced increased mechanical sensitivity in mice.

Structural, biochemical, and in vivo investigations of the threonine synthase from *Mycobacterium tuberculosis*.

Phospholipase A(2), reactive oxygen species, and lipid peroxidation in CNS pathologies.

Plasmalogen deficiency in cerebral adrenoleukodystrophy and its modulation by lovastatin.

Study of the effect of SH-groups on respiration and swelling of rat heart mitochondria.

Tracheal inflammatory response to bacterial cellulose dressing after surgical scarification in rabbits.

Molecular characterization of TRPA1 channel activation by cysteine-reactive inflammatory mediators.

Genes related to apoptosis predict necrosis of the liver as a phenotype observed in rats exposed to a compendium of hepatotoxicants.

Acetobacter indonesiensis pneumonia after lung transplant.

In vitro and ex vivo activity of new derivatives of acetohydroxyacid synthase inhibitors against Mycobacterium tuberculosis and non-tuberculous mycobacteria.

Presence of qnr gene in Escherichia coli and Klebsiella pneumoniae resistant to ciprofloxacin isolated from pediatric patients in China.

Electrokinetic supercharging for on-line preconcentration of seven non-steroidal anti-inflammatory drugs in water samples.

Histopathological alterations of Nile tilapia, Oreochromis niloticus in acute and subchronic alachlor exposure.

Inorganic phosphate stimulates the toxic effects of Tl⁺ in rat liver mitochondria.

Suppression of NO production and 8-nitroguanosine formation by phenol-containing endocrine-disrupting chemicals in LPS-stimulated macrophages: involvement of estrogen receptor-dependent or -independent pathways.

NF- κ B and caspases are involved in the hyaluronan and chondroitin-4-sulphate-exerted antioxidant effect in fibroblast cultures exposed to oxidative stress.

UVB-dependent generation of reactive oxygen species by catalase and IgG under UVB light: Inhibition by antioxidants and anti-inflammatory drugs.

The concept of neurogenic inflammation.

Dynamics of intracellular oxygen in PC12 Cells upon stimulation of neurotransmission.

Development of a human adipocyte model derived from human mesenchymal stem cells (hMSC) as a tool for toxicological studies on the action of TCDD.

The effect of suspended particles coated by humic acid on the toxicity of pharmaceuticals, estrogens, and phenolic compounds.

Enhancing effect of chlorinated organic solvents on histamine release and inflammatory mediator production.

Inhibition of estrogen-mediated uterine gene expression responses by dioxin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin increases Bovine Herpesvirus type-1 (BHV-1) replication in Madin-Darby Bovine Kidney (MDBK) cells in vitro.

CD8+ T cells contribute to macrophage accumulation and airspace enlargement following repeated irritant exposure.

Immunosuppressive therapy in lung injury due to paraquat poisoning: a meta-analysis.

Case report: mixed cholestatic/hepatocellular liver injury induced by the herbicide quizalofop-p-ethyl.

In vitro atrazine exposure affects the phenotypic and functional maturation of dendritic cells.

[Increased expression of placenta growth factor in lung tissue of paraquat-induced rat pulmonary fibrosis model].

Pathophysiological aspects of cyclophosphamide and ifosfamide induced hemorrhagic cystitis; implication of reactive oxygen and nitrogen species as well as PARP activation.

Autophagic and lysosomal reactions to stress in the hepatopancreas of blue mussels.

[Immunosuppressive treatment due to paraquat poisoning].

Microglia-mediated neurotoxicity is inhibited by morphine through an opioid receptor-independent reduction of NADPH oxidase activity.

Pesticide poisoning.

Sodium salicylate prevents paraquat-induced apoptosis in the rat lung.

Integrating approaches to paraquat poisoning.

3,4-dichloropropionaniline suppresses normal macrophage function.

The concept of "aldehyde load" in neurodegenerative mechanisms: cytotoxicity of the polyamine degradation products hydrogen peroxide, acrolein, 3-aminopropanal, 3-acetamidopropanal and 4-aminobutanal in a retinal ganglion cell line.

Butachlor-induced acute toxic hepatitis.

Plasma cell gingivitis among herbal toothpaste users: a report of three cases.

Direct and indirect effects of the herbicides Glyphosate, Bentazone and MCPA on eelgrass (*Zostera marina*).

Full survival of paraquat-exposed rats after treatment with sodium salicylate.

Mouse model of paraquat-poisoned lungs and its gene expression profile.

Combined effects of herbicides on biomarkers reflecting immune-endocrine interactions in goldfish. Immune and antioxidant effects.

Rosiglitazone protects human neuroblastoma SH-SY5Y cells against MPP+ induced cytotoxicity via inhibition of mitochondrial dysfunction and ROS production.

Atrazine-induced reproductive tract alterations after transplacental and/or lactational exposure in male Long-Evans rats.

Microglial activation as a priming event leading to paraquat-induced dopaminergic cell degeneration.

Paraquat and maneb induced neurotoxicity.

Amifostine and glutathione prevent ifosfamide- and acrolein-induced hemorrhagic cystitis.

Fragrances as a cause of food allergy.

Reactive aldehyde modification of thioredoxin-1 activates early steps of inflammation and cell adhesion.

4-Hydroxynonenal, an endogenous aldehyde, causes pain and neurogenic inflammation through activation of the irritant receptor TRPA1.

Sensitization of TRPA1 by PAR2 contributes to the sensation of inflammatory pain.

Acute acrolein-induced cystitis in mice.

Prostacyclin prevents pulmonary endothelial cell apoptosis induced by cigarette smoke.

[Chemistry and toxicology of cigarette smoke in the lungs].

Binge ethanol administration enhances the MDMA-induced long-term 5-HT neurotoxicity in rat brain.

Suppression of age-related inflammatory NF-kappaB activation by cinnamaldehyde.

Induction of COX-2 by acrolein in rat lung epithelial cells.

Molecularly imprinted polymers for triazine herbicides prepared by multi-step swelling and polymerization method. Their application to the determination of methylthiotriazine herbicides in river water.

2-hydroxycinnamaldehyde inhibits SW620 colon cancer cell growth through AP-1 inactivation.

Measurement uncertainty arising from trueness of the analysis of two endocrine disruptors and their metabolites in environmental samples. Part II. Solid-phase extraction from environmental natural waters.

Paraquat increases cyanide-insensitive respiration in murine lung epithelial cells by activating an NAD(P)H:paraquat oxidoreductase: identification of the enzyme as thioredoxin reductase.

Targeting the methyl erythritol phosphate (MEP) pathway for novel antimalarial, antibacterial and herbicidal drug discovery: inhibition of 1-deoxy-D-xylulose-5-phosphate reductoisomerase (DXR) enzyme.

Agmatine transport into spinal nerve terminals is modulated by polyamine analogs.

Anti-inflammatory lipid mediator 15d-PGJ2 inhibits translation through inactivation of eIF4A.

Hepatitis B virus infection initiates with a large surface protein-dependent binding to heparan sulfate proteoglycans.

Effects of 4-chloro-2,6-bis-(2-hydroxyl-benzyl)-phenol on healing of skin wounds and growth of bacteria.

Mode of antibacterial action of a signal peptide, Pep27 from *Streptococcus pneumoniae*.

Porphyria cutanea tarda as rare cutaneous manifestation of hepatic metastases treated with interferon.

Role of AHR2 in the expression of novel cytochrome P450 1 family genes, cell cycle genes, and morphological defects in developing zebra fish exposed to 3,3',4,4',5-pentachlorobiphenyl or 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Arsenic neurotoxicity--a review.

Studies on the cell treatment conditions to elicit lipolytic responses from 3T3-L1 adipocytes to TCDD, 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Lafora-like ground-glass inclusions in hepatocytes of pediatric patients: a report of two cases.

Enhancement of allergic responses in vivo and in vitro by butylated hydroxytoluene.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the developing male Wistar(Han) rat. I: No decrease in epididymal sperm count after a single acute dose.

Association between serum concentrations of persistent organic pollutants and self-reported cardiovascular disease prevalence: results from the National Health and Nutrition Examination Survey, 1999-2002.

Development of a conditional bioluminescent transplant model for TPM3-ALK-induced tumorigenesis as a tool to validate ALK-dependent cancer targeted therapy.

Aryl hydrocarbon receptor activation during influenza virus infection unveils a novel pathway of IFN-gamma production by phagocytic cells.

Oxidative stress kills human primary oligodendrocytes via neutral sphingomyelinase: implications for multiple sclerosis.

Positive associations of serum concentration of polychlorinated biphenyls or organochlorine pesticides with self-reported arthritis, especially rheumatoid type, in women.

Chemical contaminants, health indicators, and reproductive biomarker responses in fish from the Colorado River and its tributaries.

Association of allergic rhinitis with pesticide use among grape farmers in Crete, Greece.

Vitamin A deficiency (VAD), teratogenic, and surgical models of congenital diaphragmatic hernia (CDH).

Some clinico and histopathological changes in female goats experimentally exposed to dioxin.

Visual diagnosis: an adolescent who has fever, joint pain, a rash, and "blacking out" episodes.

Zinc supplementation of pregnant rats with adequate zinc nutriture suppresses immune functions in their offspring.

Antinuclear antibodies and bromoxynil exposure in a rural sample.

Iron therapy for renal anemia: how much needed, how much harmful?

Role of heat shock protein 70 in hepatic ischemia-reperfusion injury in mice.

Atmospheric photochemical transformations enhance 1,3-butadiene-induced inflammatory responses in human epithelial cells: The role of ozone and other photochemical degradation products.

Synthesis and in vitro evaluation of targeted tetracycline derivatives: effects on inhibition of matrix metalloproteinases.

Rickettsial and other tick-borne infections.

Occupational exposure to methyl iodide.

Hsp90 inhibitors suppress HCV replication in replicon cells and humanized liver mice.

[Arsenical poisoning: how and why to diagnose it].

P-cresylsulphate, the main in vivo metabolite of p-cresol, activates leucocyte free radical production.

Involvement of cannabinoid CB2 receptors in the IgE-mediated triphasic cutaneous reaction in mice.

Analgesic, antipyretic and anti-inflammatory properties of *Mezoneuron benthamianum* Baill (Caesalpinaceae).

Design and synthesis of some new thiazolo [3,2-b]-1,2,4-triazole-5(6H)-ones substituted with flurbiprofen as anti-inflammatory and analgesic agents.

[Hepatocyte mitochondrion respiratory chain in rats with experimental toxic hepatitis].

Decreased treatment failure rates following duodenal release ferrous glycine sulfate in iron deficiency anemia associated with autoimmune gastritis and *Helicobacter pylori* gastritis.

Is any link between inflammation and coronary artery ectasia?

Involvement of substance P and neurogenic inflammation in arsenic-induced early vascular dysfunction.

Effect of a topical antimicrobial paste on healing after extraction of molars in HIV positive patients: randomised controlled clinical trial.

Mitochondrial swelling impairs the transport of organelles in cerebellar granule neurons.

Platelet-endothelial cell adhesion molecule-1-directed endothelial targeting of superoxide dismutase alleviates oxidative stress caused by either extracellular or intracellular superoxide.

Alpha,beta-unsaturated aldehydes in cigarette smoke release inflammatory mediators from human macrophages.

Lipid peroxidation-induced DNA damage in cancer-prone inflammatory diseases: a review of published adduct types and levels in humans.

Potentiating effect of an endocrine disruptor, paronylphenol, on the generation of reactive oxygen species (ROS) in human venous blood -- association with the activation of signal transduction pathway.

Tumor necrosis factor-alpha modulates effects of aryl hydrocarbon receptor ligands on cell proliferation and expression of cytochrome P450 enzymes in rat liver "stem-like" cells.

Arsenite induced oxidative damage in mouse liver is associated with increased cytokeratin 18 expression.

Catalase takes part in rat liver mitochondria oxidative stress defense.

Thyroid ultrasound volume, structure and function after long-term high exposure of large population to polychlorinated biphenyls, pesticides and dioxin.

Functional ryanodine receptors are expressed by human microglia and THP-1 cells: Their possible involvement in modulation of neurotoxicity.

Evaluation of a diverse set of potential P1 carboxylic acid bioisosteres in hepatitis C virus NS3 protease inhibitors.

Glutamate release from activated microglia requires the oxidative burst and lipid peroxidation.

Resveratrol increases vascular oxidative stress resistance.

Selection of background electrolyte for CZE analysis by a chemometric approach. Part I. Separation of a mixture of acidic non-steroidal anti-inflammatory drugs.

Cigarette smoking as a risk factor for atherosclerosis and renal disease: novel pathogenic insights.

In vitro effects of reactive oxygen metabolites, with and without flunixin meglumine, on equine colonic mucosa.

Inhibitory and enhancing effects of piroxicam on whole blood chemiluminescence.

Uniform-sized molecularly imprinted polymer for metsulfuron-methyl by one-step swelling and polymerization method.

AccD6, a member of the Fas II locus, is a functional carboxyltransferase subunit of the acyl-coenzyme A carboxylase in *Mycobacterium tuberculosis*.

PLA2 mediated arachidonate free radicals: PLA2 inhibition and neutralization of free radicals by anti-oxidants--a new role as anti-inflammatory molecule.

The anti-apoptotic activity of albumin for endothelium is mediated by a partially cryptic protein domain and reduced by inhibitors of G-coupled protein and PI-3 kinase, but is independent of radical scavenging or bound lipid.

Increase in the toxic effects of Tl⁺ on isolated rat liver mitochondria in the presence of nonactin.

Use of model-based compartmental analysis to study vitamin A kinetics and metabolism.

Influence on mitochondria and cytotoxicity of different antibiotics administered in high concentrations on primary human osteoblasts and cell lines.

Lipoic acid as a novel treatment for Alzheimer's disease and related dementias.

Acrolein induces vasodilatation of rodent mesenteric bed via an EDHF-dependent mechanism.

Adverse effects of herbicide MCPA on dogs in a 90 day toxicological study.

Experience with paraquat poisoning in a respiratory intensive care unit in North India.

A model of hemorrhagic cystitis induced with acrolein in mice.

Molecular epidemiologic evidence for diabetogenic effects of dioxin exposure in U.S. Air force veterans of the Vietnam war.

Health status of Army Chemical Corps Vietnam veterans who sprayed defoliant in Vietnam.

P-glycoprotein induction: an antidotal pathway for paraquat-induced lung toxicity.

Single high dose dexamethasone treatment decreases the pathological score and increases the survival rate of paraquat-intoxicated rats.

DNA microarray analysis of pulmonary fibrosis three months after exposure to paraquat in rats.

Green tea extract inhibits paraquat-induced pulmonary fibrosis by suppression of oxidative stress and endothelin-I expression.

Evidence for a novel endocrine disruptor: the pesticide propanil requires the ovaries and steroid synthesis to enhance humoral immunity.

Cross-reactions in patch testing with ketoprofen, fragrance mix and cinnamic derivatives.

Histological changes and micronucleus induction in the zebra mussel *Dreissena polymorpha* after paraquat exposure.

NTP Technical Report on the comparative toxicity studies of allyl acetate (CAS No. 591-87-7), allyl alcohol (CAS No. 107-18-6) and acrolein (CAS No. 107-02-8) administered by gavage to F344/N rats and B6C3F1 mice.

Acute paraquat poisoning: report of a survival case following intake of a potential lethal dose.

Immunomodulatory effects of maternal atrazine exposure on male Balb/c mice.

Indomethacin induces small intestinal damage and inhibits amitrole-associated thyroid carcinogenesis in rats initiated with N-bis(2-hydroxypropyl)nitrosamine.

Protective effects of N-acetylcysteine treatment post acute paraquat intoxication in rats and in human lung epithelial cells.

[Propofol protecting rats from paraquat induced lung injury].

Acrolein is a mitochondrial toxin: effects on respiratory function and enzyme activities in isolated rat liver mitochondria.

Respiratory distress, pneumonic changes on chest X-ray, hypoxaemia, oral candidiasis in a homosexual male: not always *Pneumocystis carinii* pneumonia.

Endocrine disrupting chemical atrazine causes degranulation through Gq/11 protein-coupled neurosteroid receptor in mast cells.

TRPA1 mediates the inflammatory actions of environmental irritants and proalgesic agents.

Neuregulin 1-Beta cytoprotective role in AML 12 mouse hepatocytes exposed to pentachlorophenol.

Repeated pulse of methylprednisolone and cyclophosphamide with continuous dexamethasone therapy for patients with severe paraquat poisoning.

[Fatal poisoning caused by the ingestion of a concentrated solution of 2,4-D and MCPP].

Peroxiredoxin 6 gene-targeted mice show increased lung injury with paraquat-induced oxidative stress.

Atrazine increases ranavirus susceptibility in the tiger salamander, *Ambystoma tigrinum*.

Cinnamaldehyde reduces IL-1beta-induced cyclooxygenase-2 activity in rat cerebral microvascular endothelial cells.

[Therapeutic effect of somatostatin on acute respiratory distress syndrome in experimental rats].

Strategies for reducing the risk of Lyme borreliosis in North America.

Gene expression of cytokines and growth factors in the lungs after paraquat administration in mice.

Effects of alpha tocopherol and probucol supplements on allergen-induced airway inflammation and hyperresponsiveness in a mouse model of allergic asthma.

Acrolein generation stimulates hypercontraction in isolated human blood vessels.

2-methoxycinnamaldehyde reduces IL-1beta-induced prostaglandin production in rat cerebral endothelial cells.

Impaired intestinal iron absorption in Crohn's disease correlates with disease activity and markers of inflammation.

Novel selective orally active CRTH2 antagonists for allergic inflammation developed from in silico derived hits.

Mitochondrial reactive oxygen species and nitric oxide-mediated cancer cell apoptosis in 2-butylamino-2-demethoxyhyppocrellin B photodynamic treatment.

Serum dioxin, testosterone, and subsequent risk of benign prostatic hyperplasia: a prospective cohort study of Air Force veterans.

Environmental arsenic exposure and sputum metalloproteinase concentrations.

Coexistence of megaloblastic anemia and iron deficiency anemia in a young woman with chronic lymphocytic thyroiditis.

Today's epidemics in children: possible relations to environmental pollution and suggested preventive measures.

Protection against lethal challenge with *Streptococcus pneumoniae* is conferred by aryl hydrocarbon receptor activation but is not associated with an enhanced inflammatory response.

The uremic solute p-cresol decreases leukocyte transendothelial migration in vitro.

Aqueous extract of *Trigonella foenum-graecum* L. ameliorates additive urotoxicity of buthionine sulfoximine and cyclophosphamide in mice.

Ground-glass, polyglucosan-like hepatocellular inclusions: A "new" diagnostic entity.

Low-energy helium-neon laser induces locomotion of the immature melanoblasts and promotes melanogenesis of the more differentiated melanoblasts: recapitulation of vitiligo repigmentation in vitro.

Secreted protein-based reporter systems for monitoring inflammatory events: critical interference by endoplasmic reticulum stress.

Cell death, caspase activation, and HMGB1 release of porcine choroid plexus epithelial cells during *Streptococcus suis* infection in vitro.

HCV proteins increase expression of heme oxygenase-1 (HO-1) and decrease expression of Bach1 in human hepatoma cells.

Proinflammatory changes in human umbilical cord vein endothelial cells can be induced neither by native nor by modified CRP.

Safe use of hazardous chemicals.

NTP technical report on the toxicology and carcinogenesis studies of 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (Gavage studies).

Synchrotron microradiography study on acute lung injury of mouse caused by PM(2.5) aerosols.

Enhanced expression of plasma glutathione peroxidase in the thymus of mice treated with TCDD and its implication for TCDD-induced thymic atrophy.

Functional properties of ryanodine receptors carrying three amino acid substitutions identified in patients affected by multi-minicore disease and central core disease, expressed in immortalized lymphocytes.

NTP technical report on the toxicology and carcinogenesis studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (CAS No. 1746-01-6) in female Harlan Sprague-Dawley rats (Gavage Studies).

Effects of combined 17beta-estradiol with TCDD on secretion of chemokine IL-8 and expression of its receptor CXCR1 in endometriotic focus-associated cells in co-culture.

Bothrops moojeni myotoxin-II, a Lys49-phospholipase A2 homologue: an example of function versatility of snake venom proteins.

Free serum concentrations of the protein-bound retention solute p-cresol predict mortality in hemodialysis patients.

Age-dependent cell death and the role of ATP in hydrogen peroxide-induced apoptosis and necrosis.

An antioxidative and antiinflammatory agent for potential treatment of osteoarthritis from *Ecklonia cava*.

Semen quality in fertile US men in relation to geographical area and pesticide exposure.

Divergent risk of multiple sclerosis in two anabaptist communities in America.

Comment on "Pediatric fatality following ingestion of Dinitrophenol: postmortem identification of a 'dietary supplement'".

Molecular mechanisms of 2,3,7,8-tetrachlorodibenzo-p-dioxin cardiovascular embryotoxicity.

NTP toxicology and carcinogenesis studies of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (CAS No. 57465-28-8) in female Harlan Sprague-Dawley rats (Gavage Studies).

CXCL12 is displayed by rheumatoid endothelial cells through its basic amino-terminal motif on heparan sulfate proteoglycans.

Synthesis of 5-phenyl-1-(3-pyridyl)-1H-1,2,4-triazole-3-carboxylic acid derivatives of potential anti-inflammatory activity.

Understanding dioxin developmental toxicity using the zebrafish model.

Detection of equine herpesvirus type 1 using a real-time polymerase chain reaction.

A study of soluble HLA-G1 protecting porcine endothelial cells against human natural killer cell-mediated cytotoxicity.

Immunotoxic effects of chemicals: A matrix for occupational and environmental epidemiological studies.

Modeling inflammation-drug interactions in vitro: a rat Kupffer cell-hepatocyte coculture system.

Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in developing red seabream (*Pagrus major*) embryo: an association of morphological deformities with AHR1, AHR2 and CYP1A expressions.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on leukocyte function-associated antigen-1 mediated splenocyte adhesion.

Influx of macrophages into livers of rats treated with hepatotoxicants (thioacetamide, allyl alcohol, D-galactosamine) induces expression of HSP25.

Liver glycogen bodies: ground-glass hepatocytes in transplanted patients.

Effects of weak acids, UV and proton motive force inhibitors on pyrazinamide activity against *Mycobacterium tuberculosis* in vitro.

The role of reduced iron powder in the fermentative production of tetanus toxin.

Impaired volume regulation is the mechanism of excitotoxic sensitization to complement.

Epidermal growth factor synergistically enhances interleukin-8 production in human gingival fibroblasts stimulated with interleukin-1beta.

Investigation on a new scleroglucan/borax hydrogel: structure and drug release.

Toxicology and carcinogenesis studies of a mixture of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (Cas No. 1746-01-6), 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4), and 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) in female Harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4) in female Harlan Sprague-Dawley rats (gavage studies).

Gene expression alterations in immune system pathways following exposure to immunosuppressive chemicals.

Roles of cellular activation and sulfated glycans in *Haemophilus somnus* adherence to bovine brain microvascular endothelial cells.

C-Reactive protein upregulates receptor for advanced glycation end products expression in human endothelial cells.

Regulation of the CYP1A1 gene by 2,3,7,8-tetrachlorodibenzo-p-dioxin but not by beta-naphthoflavone or 3-methylcholanthrene is altered in hepatitis C virus replicon-expressing cells.

The role of the aryl hydrocarbon receptor pathway in mediating synergistic developmental toxicity of polycyclic aromatic hydrocarbons to zebrafish.

Toll-like receptor priming sensitizes macrophages to proinflammatory cytokine gene induction by deoxynivalenol and other toxicants.

Crystal structure of *Mycobacterium tuberculosis* shikimate kinase in complex with shikimic acid and an ATP analogue.

A fatal case of saponated cresol ingestion.

Gene expression profile by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the liver of wild-type (AhR+/+) and aryl hydrocarbon receptor-deficient (AhR-/-) mice.

[Cytoprotective effects of heat shock protein-70 in bronchial epithelium against neutrophil elastase-induced cell injury].

Cortical microtubule arrays lose uniform alignment between cells and are oryzalin resistant in the *Arabidopsis* mutant, radially swollen 6.

[Public perceptions of the risk of Asian dust storms in Seoul and its metropolitan area].

Leukocytic myeloperoxidase-mediated formation of bromohydrins and lysophospholipids from unsaturated phosphatidylcholines.

Chitosan nanoparticles as a potential drug delivery system for the ocular surface: toxicity, uptake mechanism and in vivo tolerance.

Cytochrome P4501A is induced in endothelial cell lines from the kidney and lung of the bottlenose dolphin, *Tursiops truncatus*.

Acute depletion of reduced glutathione causes extensive carbonylation of rat brain proteins.

Identification of zebrafish ARNT1 homologs: 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in the developing zebrafish requires ARNT1.

Urinary oxidative stress markers in young patients with type 1 diabetes.

Synthetic smooth muscle cell phenotype is associated with increased nicotinamide adenine dinucleotide phosphate oxidase activity: effect on collagen secretion.

Piceatannol upregulates endothelial heme oxygenase-1 expression via novel protein kinase C and tyrosine kinase pathways.

Regulation of bone sialoprotein (BSP) gene transcription by lipopolysaccharide.

Loss of mitochondrial membrane potential is associated with increase in mitochondrial volume: physiological role in neurones.

Basic fibroblast growth factor promotes melanocyte migration via increased expression of p125(FAK) on melanocytes.

Enterocyte cytoskeleton changes are crucial for enhanced translocation of nonpathogenic Escherichia coli across metabolically stressed gut epithelia.

CYP2A5-mediated activation and early ultrastructural changes in the olfactory mucosa: studies on 2,6-dichlorophenyl methylsulfone.

Comparative effects of the Roundup and glyphosate on mitochondrial oxidative phosphorylation.

The need for translational research on antidotes for pesticide poisoning.

Myeloperoxidase-generated oxidants modulate left ventricular remodeling but not infarct size after myocardial infarction.

Systemic exposure to paraquat and maneb models early Parkinson's disease in young adult rats.

[Toxicity effects of pentachlorophenol on Brachydanio rerio].

Acrolein in cigarette smoke inhibits T-cell responses.

The polysaccharide antibody response after Streptococcus pneumoniae vaccination is differentially enhanced or suppressed by 3,4-dichloropropionanilide and 2,4-dichlorophenoxyacetic acid.

Alachlor and carbaryl suppress lipopolysaccharide-induced iNOS expression by differentially inhibiting NF-kappaB activation.

Cyanamide-induced aplastic anemia.

Decreasing the oxidant stress from paraquat in isolated perfused rat lung using captopril and niacin.

Inhaled nitric oxide improves the survival of the paraquat-injured rats.

Drug-induced hypersensitivity syndrome due to cyanamide associated with multiple reactivation of human herpesviruses.

Mother and fetus both survive from severe paraquat intoxication.

Arsenic-induced micronuclei formation in mammalian cells and its counteraction by tea.

Long-lived alphaMUPA transgenic mice show reduced SOD2 expression, enhanced apoptosis and reduced susceptibility to the carcinogen dimethylhydrazine.

Regulation of constitutive neutrophil apoptosis by the alpha,beta-unsaturated aldehydes acrolein and 4-hydroxynonenal.

Acrolein impairs ATP binding cassette transporter A1-dependent cholesterol export from cells through site-specific modification of apolipoprotein A-I.

Ragweed (Ambrosia) progression and its health risks: will Switzerland resist this invasion?

Expression of gastrointestinal glutathione peroxidase is inversely correlated to the presence of hepatitis C virus subgenomic RNA in human liver cells.

Inhibition of NFkappaB activation and IL-8 expression in human bronchial epithelial cells by acrolein.

Modeling and predicting stress-induced immunosuppression in mice using blood parameters.

Chiral separation of beta-adrenergic antagonists, profen non-steroidal anti-inflammatory drugs and chlorophenoxypropionic acid herbicides using teicoplanin as the chiral selector in capillary liquid chromatography.

Characterization of acetohydroxyacid synthase from Mycobacterium tuberculosis and the identification of its new inhibitor from the screening of a chemical library.

Influence of smectite hydration and swelling on atrazine sorption behavior.

Acrolein induces oxidative stress in brain mitochondria.

Inhibitory effects of vitamin A on TCDD-induced cytochrome P-450 1A1 enzyme activity and expression.

Heart malformation is an early response to TCDD in embryonic zebrafish.

AMG 9810 [(E)-3-(4-t-butylphenyl)-N-(2,3-dihydrobenzo[b][1,4] dioxin-6-yl)acrylamide], a novel vanilloid receptor 1 (TRPV1) antagonist with antihyperalgesic properties.

Cell death induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) in AtT-20 pituitary cells.

Tyrosine kinase inhibitors attenuate Japanese encephalitis virus-induced neurotoxicity.

[Experimental study on pharmacodynamical of Oxalis griffithii, a national medicine in Guizhou].

Effect of oral chronic intoxication with sodium arsenite on murine giardiasis.

Pediatric fatality following ingestion of dinitrophenol: postmortem identification of a "dietary supplement".

Olfactory epithelial metaplasia and hyperplasia in female Harlan Sprague-Dawley rats following chronic treatment with polychlorinated biphenyls.

The epidemiology of non-Hodgkin lymphoma.

Aryl hydrocarbon receptor-independent toxicity of weathered crude oil during fish development.

High prevalence of the plasmid-mediated quinolone resistance determinant qnrA in multidrug-resistant Enterobacteriaceae from blood cultures in Liverpool, UK.

Darbepoetin alfa treatment for post-renal transplantation anemia during pregnancy.

Effects of ferrous sulphate and non-ionic iron-polymaltose complex on markers of oxidative tissue damage in patients with inflammatory bowel disease.

Effect of pollen-mediated oxidative stress on immediate hypersensitivity reactions and late-phase inflammation in allergic conjunctivitis.

Nonsteroidal anti-inflammatory drugs differentially affect the heat shock response in cultured spinal cord cells.

Cutting edge: activation of the aryl hydrocarbon receptor by 2,3,7,8-tetrachlorodibenzo-p-dioxin generates a population of CD4⁺ CD25⁺ cells with characteristics of regulatory T cells.

[Study on the antipyretic, analgesic effects of qingkailing freeze-dried powder for injection and its antipyretic mechanism].

Bitterness and toxicity in wild yam (*Dioscorea* spp.) tubers of Nepal.

Ultrastructural findings in feline corneal sequestra.

Induction of the heat shock response in vivo inhibits NF-kappaB activity and protects murine liver from endotoxemia-induced injury.

Time profiles of peritoneal and renal clearances of different uremic solutes in incident peritoneal dialysis patients.

A histochemical and pathological study on the interrelationship between TCDD-induced AhR expression, AhR activation, and hepatotoxicity in mice.

Sodium methyldithiocarbamate inhibits MAP kinase activation through toll-like receptor 4, alters cytokine production by mouse peritoneal macrophages, and suppresses innate immunity.

Genomic damage and circulating AGE levels in patients undergoing daily versus standard haemodialysis.

Increased mortality associated with TCDD exposure in mice infected with influenza A virus is not due to severity of lung injury or alterations in Clara cell protein content.

Monitoring of hematological, inflammatory and oxidative reactions to acute oral iron exposure in human volunteers: preliminary screening for selection of potentially-responsive biomarkers.

Gene expression changes in human small airway epithelial cells exposed to Delta9-tetrahydrocannabinol.

Biomarkers of exposure, effect, and susceptibility of arsenic-induced health hazards in Taiwan.

Photosensitizing properties of 6-methoxy-2-naphthylacetic acid, the major metabolite of the phototoxic non-steroidal anti-inflammatory and analgesic drug nabumetone.

A study into the plaque-inhibitory activity of experimental toothpaste formulations containing antimicrobial agents.

Combined effects of protein kinase inhibitors and 5-fluorouracil on CEA expression in human colon cancer cells.

Induction of p53 by urokinase in lung epithelial cells.

One agent, many diseases: exposure-response data and comparative risks of different outcomes following silica exposure.

Activation of the aryl hydrocarbon receptor increases pulmonary neutrophilia and diminishes host resistance to influenza A virus.

NF-kappaB and not the MAPK signaling pathway regulates GADD45beta expression during acute inflammation.

Identification of three mutations in the Cu,Zn-superoxide dismutase (Cu,Zn-SOD) gene with familial amyotrophic lateral sclerosis: transduction of human Cu,Zn-SOD into PC12 cells by HIV-1 TAT protein basic domain.

Role of autoimmune gastritis, Helicobacter pylori and celiac disease in refractory or unexplained iron deficiency anemia.

Dioxin: a review of its environmental effects and its aryl hydrocarbon receptor biology.

Detection and precipitation of hepatitis B core antigen using a fusion bacteriophage.

Kupffer cell ablation improves hepatic microcirculation after trauma and sepsis.

Rubidium-87 magnetic resonance spectroscopy and imaging for analysis of mammalian K⁺ transport.

Heat shock protein 90 is required for increased DNA binding activity of activator protein-1, a heterodimer of Fos/JunD, in rheumatoid synovial cells under inflammatory stimuli.

Effects of PCB 126 on primary immune organs and thymocyte apoptosis in chicken embryos.

Good bug, bad bug: in the case of enteric inflammatory disease does the epithelium decide?

Efficacy of sublingual coseasonal immunotherapy with a monomeric allergoid in Cupressaceae pollen allergy--preliminary data.

Is oxidative stress the mechanism of blue sac disease in retene-exposed trout larvae?

Reaction orders for thermal mortality of third instars of Mexican fruit fly (Diptera: Tephritidae).

Non-specific effects of 4-chloro-m-cresol may cause calcium flux and respiratory burst in human neutrophils.

Protection of mitochondrial integrity from oxidative stress by selenium-containing glutathione transferase.

Differential inhibitory effect of long-chain acyl-CoA esters on succinate and glutamate transport into rat liver mitochondria and its possible implications for long-chain fatty acid oxidation defects.

Antimutagenic and anti-oxidant activities of the non-steroidal anti-inflammatory drug celecoxib.

Inhibition of IgE-dependent mouse triphasic cutaneous reaction by a boiling water fraction separated from mycelium of *Phellinus linteus*.

Differential effects of eicosapentaenoic and docosahexaenoic acids upon oxidant-stimulated release and uptake of arachidonic acid in human lymphoma U937 cells.

Aspects of dioxin toxicity are mediated by interleukin 1-like cytokines.

Cardiovascular gene expression profiles of dioxin exposure in zebrafish embryos.

Mechanisms of exocrine pancreatic toxicity induced by oral treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Harlan Sprague-Dawley Rats.

Platelet-activating factor increases VE-cadherin tyrosine phosphorylation in mouse endothelial cells and its association with the PtdIns3'-kinase.

Platelets can neutralize hydrogen peroxide in an acute toxicity model with cells involved in granulation tissue formation.

Inorganic arsenite alters macrophage generation from human peripheral blood monocytes.

Mechanism of TNF- α modulation of Caco-2 intestinal epithelial tight junction barrier: role of myosin light-chain kinase protein expression.

Optimisation of the coupled monoclonal antibody density for recombinant hepatitis B virus surface antigen immunopurification.

Separation and on-column preconcentration of some nonsteroidal anti-inflammatory drugs by microemulsion electrokinetic capillary chromatography using high-speed separations.

Attenuation of cyclosporine A toxicity by sublethal heat shock. Role of catalase.

Bacterial cellulose as a potential scaffold for tissue engineering of cartilage.

Scleroglucan: a versatile polysaccharide for modified drug delivery.

A new scleroglucan/borax hydrogel: swelling and drug release studies.

Severe acute hepatitis in a burns patient.

Chymase is activated in the pulmonary inflammation and fibrosis induced by paraquat in hamsters.

Glyphosate herbicide formulation: a potentially lethal ingestion.

Acute upper-airway obstruction in a two-year-old child who ingested an herbicide preparation.

Itraconazole-induced acute hepatitis in an agricultural worker: susceptibility or drug interaction?

The interactive effects of the antifouling herbicides Irgarol 1051 and Diuron on the seagrass *Zostera marina* (L.).

NTP toxicology and carcinogenesis studies of trans-cinnamaldehyde (CAS No. 14371-10-9) in F344/N rats and B6C3F1 mice (feed studies).

Multiple medical problems following agent orange exposure.

Glyphosate poisoning.

[A case of acute poisoning caused by the inhalation of a nonselective herbicide REBIN GT SC (butafenacil and glyphosate isopropylamine)].

Anandamide-evoked activation of vanilloid receptor 1 contributes to the development of bladder hyperreflexia and nociceptive transmission to spinal dorsal horn neurons in cystitis.

Vanin-1^{-/-} mice exhibit a glutathione-mediated tissue resistance to oxidative stress.

High levels of catalase and glutathione peroxidase activity dampen H₂O₂ signaling in human alveolar macrophages.

Impairment of the transcriptional responses to oxidative stress in the heart of aged C57BL/6 mice.

Noxious cold ion channel TRPA1 is activated by pungent compounds and bradykinin.

Acetaldehyde accumulation suppresses Kupffer cell release of TNF-Alpha and modifies acute hepatic inflammation in rats.

Impairment of small intestinal protein assimilation in patients with end-stage renal disease: extending the malnutrition-inflammation-atherosclerosis concept.

Structure of shikimate kinase from *Mycobacterium tuberculosis* reveals the binding of shikimic acid.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces suppressor of cytokine signaling 2 in murine B cells.

Arsenic exposure exacerbates atherosclerotic plaque formation and increases nitrotyrosine and leukotriene biosynthesis.

Pathogenesis of collagen-induced arthritis: modulation of disease by arthritogenic T-cell epitope location.

ARNT2 is not required for TCDD developmental toxicity in zebrafish.

Effect of ryanodine receptor mutations on interleukin-6 release and intracellular calcium homeostasis in human myotubes from malignant hyperthermia-susceptible individuals and patients affected by central core disease.

Heparanase uptake is mediated by cell membrane heparan sulfate proteoglycans.

Feasibility of "directly observed home-based twice-daily iron therapy" (DOHBIT) for management of anemia in rural patients: a pilot study.

Contact urticaria due to p-chloro-m-cresol.

Dying to be thin: a dinitrophenol related fatality.

Women and omega-3 Fatty acids.

Response of soluble transferrin receptor and iron-related parameters to iron supplementation in elite, iron-depleted, nonanemic female athletes.

Magnifying endoscopy with indigo carmine contrast for differential diagnosis of neoplastic and nonneoplastic colonic polyps.

Arsenic-induced alterations in the contact hypersensitivity response in Balb/c mice.

The topical application of 2,3,7,8-tetrachlorodibenzo-p-dioxin lacks skin tumor-promoting potency but induces hepatic injury and tumor necrosis factor-alpha expression in ICR male mice.

Aromatic hydrocarbon receptor status in the metabolism of xenobiotics under normal and pathophysiological conditions.

Intravesical resiniferatoxin decreases spinal c-fos expression and increases bladder volume to reflex micturition in rats with chronic inflamed urinary bladders.

Branch retinal artery occlusion: a complication of iron-deficiency anemia in a young adult with a rectal carcinoid.

Exocrine pancreatic pathology in female Harlan Sprague-Dawley rats after chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like compounds.

Ferrous sulfate does not affect mycophenolic acid pharmacokinetics in kidney transplant patients.

Fibroblast growth-stimulating activity of S100A9 (MRP-14).

NTP toxicology and carcinogenesis studies of triethanolamine (Cas No. 102-71-6) in B6C3F1 mice (dermal studies).

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits regression of the common cardinal vein in developing zebrafish.

Decreased expression of voltage-gated K⁺ channels in pulmonary artery smooth muscles cells in nitrofen-induced congenital diaphragmatic hernia in rats.

Synthesis and analgesic evaluation of some 5-[beta-(10-phenothiazinyl)ethyl]-1-(acyl)-1,2,3,4-tetrazoles.

The role of B7 molecules in the cell contact-mediated suppression of T cell mitogenesis by immunosuppressive macrophages induced with mycobacterial infection.

Rat models of dementia based on reductions in regional glucose metabolism, cerebral blood flow and cytochrome oxidase activity.

Epithelia under metabolic stress perceive commensal bacteria as a threat.

Water permeability and TCDD-induced edema in zebrafish early-life stages.

Modulation of AhR-mediated CYP1A1 mRNA and EROD activities by 17beta-estradiol and dexamethasone in TCDD-induced H411E cells.

Interactions between 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and hypoxia signaling pathways in zebrafish: hypoxia decreases responses to TCDD in zebrafish embryos.

Role of capsaicin-sensitive afferent nerves in different models of gastric inflammation in rats.

Intra-strain dioxin sensitivity and morphometric effects in swim-up rainbow trout (*Oncorhynchus mykiss*).

[Study on a new antarthritic injection--O-carboxymethyl chitosan].

Comparison of the hemolytic activity of isopropoxyethanol and phenoxyethanol.

Activation of inflammatory mediators and potential role of ah-receptor ligands in foam cell formation.

Antibodies against the CB10 fragment of type II collagen in rheumatoid arthritis.

Detection of *Erysipelothrix rhusiopathiae* in clinical and environmental samples.

Analgesic and anti-inflammatory activities evaluation of (-)-O-acetyl, (-)-O-methyl, (-)-O-dimethylethylamine cubebin and their preparation from (-)-cubebin.

Regulation by sulfanylurea receptor type 1 of a non-selective cation channel involved in cytotoxic edema of reactive astrocytes.

Comparison between exhaled and sputum oxidative stress biomarkers in chronic airway inflammation.

Human bronchial smooth muscle cell proliferation via thromboxane A2 receptor.

EGR1 is a novel target for AhR agonists in human lung epithelial cells.

Effects of 1,3-butadiene, isoprene, and their photochemical degradation products on human lung cells.

Matrix metalloproteinase-1 and tissue inhibitor of metalloproteinase-1 production in human gingival fibroblasts: the role of protein kinase C.

Redox modulation of chromatin remodeling: impact on histone acetylation and deacetylation, NF-kappaB and pro-inflammatory gene expression.

2,3,7,8-Tetrachlorodibenzo-p-dioxin activation of the aryl hydrocarbon receptor/aryl hydrocarbon receptor nuclear translocator pathway causes developmental toxicity through a CYP1A-independent mechanism in zebrafish.

The sphingomyelin/ceramide pathway is involved in ERK1/2 phosphorylation, cell proliferation, and uPAR overexpression induced by tissue-type plasminogen activator.

Src kinase mediates angiotensin II-dependent increase in pulmonary endothelial nitric oxide synthase.

Interleukin-1 inhibits voltage-dependent P/Q-type Ca²⁺ channel associated with the inhibition of the rise of intracellular free Ca²⁺ concentration and catecholamine release in adrenal chromaffin cells.

A novel mechanism of regulation of cardiac contractility by mitochondrial functional state.

p38 Mitogen-activated protein kinase mediates synergistic induction of inducible nitric-oxide synthase by lipopolysaccharide and interferon-gamma through signal transducer and activator of transcription 1 Ser727 phosphorylation in murine aortic endothelial cells.

The low molecular weight heparan sulfate-mimetic, PI-88, inhibits cell-to-cell spread of herpes simplex virus.

Neutrophils contribute to endotoxin enhancement of allyl alcohol hepatotoxicity.

Presence and functional activity of the aryl hydrocarbon receptor in isolated murine cerebral vascular endothelial cells and astrocytes.

Activation of the aryl hydrocarbon receptor diminishes the memory response to homotypic influenza virus infection but does not impair host resistance.

Cytochrome P450-dependent toxicity of environmental polycyclic aromatic hydrocarbons towards human macrophages.

Developmental exposure to the potent aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin Impairs the cell-mediated immune response to infection with influenza a virus, but enhances elements of innate immunity.

Enhancing effect of the endocrine disruptor para-nonylphenol on the generation of reactive oxygen species in human blood neutrophils.

CYP1A2 is not required for 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immunosuppression.

Polycyclic aromatic hydrocarbon increases mRNA level for interleukin 1 beta in human fibroblast-like synoviocyte line via aryl hydrocarbon receptor.

Divergent roles of hepatitis B virus X-associated protein 2 (XAP2) in human versus mouse Ah receptor complexes.

Potent, selective and cell-mediated inhibition of human herpesvirus 6 at an early stage of viral replication by the non-nucleoside compound CMV423.

Effect of acute exposure to arsenic on formalin-induced nociception and tramadol-mediated antinociception in mice.

Toxicity, histopathological alterations and immunohistochemical CYP1A induction in the early life stages of the seabream, *Sparus aurata*, following waterborne exposure to B(a)P and TCDD.

Cerebrosides and a monoacylmonogalactosylglycerol from *Clinacanthus nutans*.

Urokinase receptor mRNA stability involves tyrosine phosphorylation in lung epithelial cells.

'Proximal-type' epithelioid sarcoma: is Agent Orange still at large?

Prospects for treatment of paraquat-induced lung fibrosis with immunosuppressive drugs and the need for better prediction of outcome: a systematic review.

The Metropolitan Atlanta Congenital Defects Program: 35 years of birth defects surveillance at the Centers for Disease Control and Prevention.

The herbicide dicamba (2-methoxy-3,6-dichlorobenzoic acid) interacts with mitochondrial bioenergetic functions.

Consecutive administration of paraquat to rats induces enhanced cholesterol peroxidation and lung injury.

[Correction of immunodeficiency status caused by herbicide 2,4-D in experiment].

Identification and quantitation of xenobiotics by ¹H NMR spectroscopy in poisoning cases.

Cytotoxic effects of the herbicide 2,4-dichlorophenoxyacetic acid in HepG2 cells.

Lung function and airway inflammation in rats following exposure to combustion products of carbon-graphite/epoxy composite material: comparison to a rodent model of acute lung injury.

Combined initial cyclophosphamide with repeated methylprednisolone pulse therapy for severe paraquat poisoning from dermal exposure.

[Comparative analysis of disorders in duodenal lymphoid tissue of mice treated with azathioprine and herbicide 2,4-dichlorophenoxyacetic acid and their correction by plant and animal origin remedies].

Pentachlorophenol poisoning.

Methylprednisolone effects on oxygenation and histology in a rat model of acute lung injury.

Comparative effects of herbicide dicamba and related compound on plant mitochondrial bioenergetics.

Focal transmural necrotic tracheitis in commercial meat turkeys.

[Effect of guizhi tang and its active components on the fever induced by EP3 agonist].

Cigarette smoke triggers macrophage adhesion and activation: role of lipid peroxidation products and scavenger receptor.

Formation of advanced glycosylation end products and oxidative stress in young patients with type 1 diabetes.

Alcohol potentiates hepatitis C virus replicon expression.

Oxidative stress and altered antioxidant defenses in children with acute exacerbation of atopic dermatitis.

The selenoprotein GPX4 is essential for mouse development and protects from radiation and oxidative damage insults.

Structural bioinformatics study of EPSP synthase from *Mycobacterium tuberculosis*.

FK506 attenuates 1-methyl-4-phenylpyridinium- and 3-nitropropionic acid-evoked inhibition of kynurenic acid synthesis in rat cortical slices.

Tolerogenic role of Kupffer cells in allergic reactions.

Novel 3,3a,4,5,6,7-hexahydroindazole and arylthiazolylpyrazoline derivatives as anti-inflammatory agents.

Mild hypothermia reduces expression of heat shock protein 60 in leukocytes from severely head-injured patients.

Dioxin and cancer: a critical review.

Connective molecular pathways of experimental bladder inflammation.

Fewer CTL, not enhanced NK cells, are sufficient for viral clearance from the lungs of immunocompromised mice.

Immunoglobulin E is not required for but enhances airway inflammation and hyperresponsiveness.

Arsenic exposure accelerates atherogenesis in apolipoprotein E(-/-) mice.

T cell receptor transgenic mice provide novel insights into understanding cellular targets of TCDD: suppression of antibody production, but not the response of CD8(+) T cells, during infection with influenza virus.

Cell proliferation arrest within intrathymic lymphocyte progenitor cells causes thymic atrophy mediated by the aryl hydrocarbon receptor.

Aryl hydrocarbon receptor 2 mediates 2,3,7,8-tetrachlorodibenzo-p-dioxin developmental toxicity in zebrafish.

2,3,7,8-tetrachlorodibenzo-p-dioxin selectively enhances spontaneous IgE production in B cells from atopic patients.

Comparative study on the effects of ointments of tinidazole, hydrocortisone and clobetasol on animal models for inflammatory dermatitis in mice.

Mechanisms of TCDD-induced abnormalities and embryo lethality in white leghorn chickens.

The effect of ingestion of ferrous sulfate on the absorption of oral methotrexate in patients with rheumatoid arthritis.

Medication-induced oesophageal disorders.

Angiotensin II phosphorylation of extracellular signal-regulated kinases in rat anterior pituitary cells.

MCSF expression is induced in healing myocardial infarcts and may regulate monocyte and endothelial cell phenotype.

Increased expression of ICAM-1 and VCAM-1 in the lung of nitrofen-induced congenital diaphragmatic hernia in rats.

Examining the relationship between impaired host resistance and altered immune function in mice treated with TCDD.

[Neuroimaging abnormalities in parkinsonism: study of five cases].

Induction of cytochrome P450 1A is required for circulation failure and edema by 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish.

Human health effects of sodium azide exposure: a literature review and analysis.

Human RPE-monocyte co-culture induces chemokine gene expression through activation of MAPK and NIK cascade.

Effects of metronidazole and tinidazole ointments on models for inflammatory dermatitis in mice.

123I-Interleukin-2: biochemical characterization and in vivo use for imaging autoimmune diseases.

Increased expression of IgE-dependent histamine-releasing factor in endometriotic implants.

Neurokinin 1 receptors and neprilysin modulation of mouse bladder gene regulation.

Identification and characterization of KvgAS, a two-component system in *Klebsiella pneumoniae* CG43.

Hyperoxia prevents carrageenan-induced enlargement of functional residual lung capacity in rats.

Antiperoxidative, anti-inflammatory, and antimutagenic activities of ethanol extract of the mycelium of *Ganoderma lucidum* occurring in South India.

Crosslinking of fibrinogen and fibronectin by free radicals: a possible initial step in adhesion formation in osteoarthritis of the temporomandibular joint.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced accumulation of biliverdin and hepatic peliosis in rats.

Ryanodine receptor antibodies in myasthenia gravis: epitope mapping and effect on calcium release in vitro.

Iron supplementation improves iron status and reduces morbidity in children with or without upper respiratory tract infections: a randomized controlled study in Colombo, Sri Lanka.

Involvement of protein tyrosine kinase in Toll-like receptor 4-mediated NF-kappa B activation in human peripheral blood monocytes.

Oxidative stress-induced cell death of human oral neutrophils.

Disruption of cellulose synthesis by isoxaben causes tip swelling and disorganizes cortical microtubules in elongating conifer pollen tubes.

Myeloperoxidase-induced formation of chlorohydrins and lysophospholipids from unsaturated phosphatidylcholines.

Bradykinin B2 receptor-mediated proliferation via activation of the Ras/Raf/MEK/MAPK pathway in rat vascular smooth muscle cells.

Subcellular localization of herpes simplex virus type 1 UL51 protein and role of palmitoylation in Golgi apparatus targeting.

Tetanus toxin abolishes exocytosis of ROMK1 induced by inhibition of protein tyrosine kinase.

3-methylcholanthrene activates human immunodeficiency virus type 1 replication via aryl hydrocarbon receptor.

Aryl hydrocarbon receptor (AhR) agonists suppress interleukin-6 expression by bone marrow stromal cells: an immunotoxicology study.

TCDD-induced apoptosis in EL-4 cells deficient of the aryl hydrocarbon receptor and down-regulation of IGFBP-6 prevented the apoptotic cell death.

The role of hepatocellular oxidative stress in Kupffer cell activation during 1,2-dichlorobenzene-induced hepatotoxicity.

Cellular binding of hepatitis C virus envelope glycoprotein E2 requires cell surface heparan sulfate.

The requirement of ammonium or other cations linked with p-cresol sulfate for cross-reactivity with a peptide of myelin basic protein.

Toxicogenomic effects of marine brevetoxins in liver and brain of mouse.

Thallium induces opening of the mitochondrial permeability transition pore in the inner membrane of rat liver mitochondria.

Structural and rheological characterization of Scleroglucan/borax hydrogel for drug delivery.

Activation and inhibition of cellular calcium and tyrosine kinase signaling pathways identify targets of the HBx protein involved in hepatitis B virus replication.

Scleroglucan/borax: characterization of a novel hydrogel system suitable for drug delivery.

Activation of protein kinase C by phorbol esters in human macrophages reduces the metabolism of modified LDL by down-regulation of scavenger receptor activity.

Corneal IL-8 expression following adenovirus infection is mediated by c-Src activation in human corneal fibroblasts.

Mutation or drug-dependent microtubule disruption causes radial swelling without altering parallel cellulose microfibril deposition in Arabidopsis root cells.

Reactive oxygen species mediate endotoxin-induced human dermal endothelial NF-kappaB activation.

Leiomyosarcoma of urinary bladder following cyclophosphamide therapy: report of two cases.

Combined methylprednisolone and dexamethasone therapy for paraquat poisoning.

Differential heat shock gene hsp70-1 response to toxicants revealed by in vivo study of lungs in transgenic mice.

Effects of early embryonal exposure to dexamethasone on malformations of neural-crest derivatives induced by nitrofen in rats.

Methylprednisolone does not enhance the surfactant effects on oxygenation and histology in paraquat-induced rat lung injury.

[An unusual case of toxic hepatitis from paraquat].

Teratogenic effects of amitraz, 2,4-dimethylaniline, and paraquat on developing frog (*Xenopus*) embryos.

Pathways involved in mild gastrointestinal inflammation induced by a low level exposure to a food contaminant.

[Effects of pesticides on cytokines production by human peripheral blood mononuclear cells--fenitrothion and glyphosate].

Virulence of *Streptococcus pneumoniae*: PsaA mutants are hypersensitive to oxidative stress.

Developmental disorders in embryos of the frog *Xenopus laevis* induced by chloroacetanilide herbicides and their degradation products.

[Herbicides and congenital malformations in Meta, Colombia].

Changes in urinary bladder cytokine mRNA and protein after cyclophosphamide-induced cystitis.

Male rats exposed to linuron in utero exhibit permanent changes in anogenital distance, nipple retention, and epididymal malformations that result in subsequent testicular atrophy.

The role of sodium cromolyn in treatment of paraquat-induced pulmonary fibrosis in rat.

Is *Lolium* pollen from an urban environment more allergenic than rural pollen?

A review on usnic acid, an interesting natural compound.

Lipid peroxidation contributes to immune reactions associated with alcoholic liver disease.

Chemokine-independent preference for T-helper-1 cells in transendothelial migration.

Allergenic relevance of *Cupressus arizonica* pollen extract and biological characterization of the allergoid.

Immunologic effects of dioxin: new results from Seveso and comparison with other studies.

P-cresol, a uremic toxin, decreases endothelial cell response to inflammatory cytokines.

Activation of mitogen-activated protein kinases during granulocyte apoptosis in patients with severe sepsis.

Role of bioavailable iron in coal dust-induced activation of activator protein-1 and nuclear factor of activated T cells: difference between Pennsylvania and Utah coal dusts.

[Photocontact dermatitis due to ketoprofen and photosensitization to tetrachlorosalicylanide and to Fenticlor(R)].

Indirect effects of oral tolerance to ovalbumin interfere with the immune responses triggered by *Schistosoma mansoni* eggs.

Arsenic induces peroxynitrite generation and cyclooxygenase-2 protein expression in aortic endothelial cells: possible role in atherosclerosis.

Effects of chronic dietary exposure to environmentally relevant concentrations to 2,3,7,8-tetrachlorodibenzo-p-dioxin on survival, growth, reproduction and biochemical responses of female rainbow trout (*Oncorhynchus mykiss*).

The Belgian PCB/dioxin incident: a critical review of health risks evaluations.

Antipruritic and antiinflammatory effects of aqueous extract from Si-Wu-Tang.

Mortality in dioxin-exposed mice infected with influenza: mitochondrial toxicity (reye's-like syndrome) versus enhanced inflammation as the mode of action.

Dioxin stimulates RANTES expression in an in-vitro model of endometriosis.

Streptococcus sanguis modulates type II collagen-induced arthritis in DBA/1J mice.

Laboratory safety.

Entacapone does not induce conformational changes in liver mitochondria or skeletal muscle in vivo.

Induction of endolymphatic hydrops by directly infused monoclonal antibody against type II collagen CB11 peptide.

Endothelial PAS domain protein 1 (EPAS1) induces adrenomedullin gene expression in cardiac myocytes: role of EPAS1 in an inflammatory response in cardiac myocytes.

The stress response decreases NF-kappaB activation in liver of endotoxemic mice.

Platelet endothelial cell adhesion molecule-1 (PECAM-1/CD31) acts as a regulator of B-cell development, B-cell antigen receptor (BCR)-mediated activation, and autoimmune disease.

Flavopiridol inhibits vascular endothelial growth factor production induced by hypoxia or picolinic acid in human neuroblastoma.

Type II collagen deposition in cruciate ligament precedes osteoarthritis in the guinea pig knee.

Increased vascular endothelial growth factor peptide and gene expression in hypoplastic lung in nitrofen induced congenital diaphragmatic hernia in rats.

Proinflammatory and Th1 cytokine alterations following ultraviolet radiation enhancement of disease due to influenza infection in mice.

Tumor necrosis factor-alpha and interleukin-1beta mediate the production of nitric oxide involved in the pathogenesis of ifosfamide induced hemorrhagic cystitis in mice.

A proteasome inhibitor confers cardioprotection.

Syndrome of iron pill aspiration.

Up-regulated expression of genes encoding Hrk and IL-3R beta subunit by TCDD in vivo and in vitro.

[Immunoenzyme analysis of natural antibodies to endogenous bioregulators in patients with systemic lupus erythematosus].

[Acute effects of methyl bromide gas in rats and mice--studies on survival time].

Heat shock response reduces intestinal permeability in septic mice: potential role of interleukin-10.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on trace elements, inflammation and viral clearance in the myocardium during coxsackievirus B3 infection in mice.

Skin irritation typing and grading based on laser Doppler perfusion imaging.

Tumor necrosis factor alpha stimulates invasion of Src-activated intestinal cells.

Recent advances in understanding the mechanisms of TCDD immunotoxicity.

Bactericidal activities of commonly used antiseptics against multidrug-resistant mycobacterium tuberculosis.

Phenol toxicity and conjugation in human colonic epithelial cells.

Extracellular signal-regulated kinases and G protein-coupled receptors in megakaryocytic human erythroleukemia cells: selective activation, differential regulation, and dissociation from mitogenesis.

H₂O₂ activates ryanodine receptor but has little effect on recovery of releasable Ca²⁺ content after fatigue.

Regulation of directional expansion by the cortical microtubule array in roots of *Lemna minor*.

Extravascular collagen in the human epileptic brain: a potential substrate for aberrant cell migration in cases of temporal lobe epilepsy.

Impairment of mycophenolate mofetil absorption by calcium polycarbophil.

Mycosin-1, a subtilisin-like serine protease of *Mycobacterium tuberculosis*, is cell wall-associated and expressed during infection of macrophages.

Ketoprofen-induced intestinal permeability changes studied in side-by-side diffusion cells.

Mutant alleles of *Arabidopsis* RADIALLY SWOLLEN 4 and 7 reduce growth anisotropy without altering the transverse orientation of cortical microtubules or cellulose microfibrils.

Atypical mechanism of NF- κ B activation during reoxygenation stress in microvascular endothelium: a role for tyrosine kinases.

Arsenite inhibits interleukin-6 production in human intestinal epithelial cells by down-regulating nuclear factor- κ B activity.

Cyclosporin A-sensitive permeability transition pore is involved in Cd(2+)-induced dysfunction of isolated rat liver mitochondria: doubts no more.

Oxidative stress and gene transcription in asthma and chronic obstructive pulmonary disease: antioxidant therapeutic targets.

Tumor necrosis factor alpha (TNF- α)-induced prostaglandin E₂ release is mediated by the activation of cyclooxygenase-2 (COX-2) transcription via NF κ B in human gingival fibroblasts.

Efficacy of common antiseptics against multidrug-resistant *Mycobacterium tuberculosis*.

Hypochlorous acid inhibits glutathione S-conjugate export from human erythrocytes.

The effect of oxidative stress on ERalpha and ERbeta expression.

Signal pathways involved in the production of MMP-1 and MMP-3 in human gingival fibroblasts.

Simple fibroblast-based assay for screening of new antimicrobial drugs against Mycobacterium tuberculosis.

Urokinase induces its own expression in Beas2B lung epithelial cells.

Molecular model of shikimate kinase from Mycobacterium tuberculosis.

[Changes in the level of short-chain volatile fatty acids and their aldehydes in oral air and fluid during inflammation of oral tissues].

Activation of Wiskott-Aldrich syndrome protein and its association with other proteins by stromal cell-derived factor-1alpha is associated with cell migration in a T-lymphocyte line.

Effects of glucocorticoids on generation of reactive oxygen species in platelets.

Rac GTPase activity is essential for lipopolysaccharide signaling to extracellular signal-regulated kinase and p38 MAP kinase activation in rat-2 fibroblasts.

Crystal structure of shikimate kinase from Mycobacterium tuberculosis reveals the dynamic role of the LID domain in catalysis.

Generation of hydroxyl radicals mediated by streptozotocin in pancreatic islets of mice in vitro.

Enantioseparation of novel COX-2 anti-inflammatory drugs by capillary electrophoresis using single and dual cyclodextrin systems.

Retardation of organic contaminants in natural fractures in chalk.

Circulating lysozyme and hepatic CYP1A activities during a chronic dietary exposure to tributyltin (TBT) and 3,3',4,4',5-pentachlorobiphenyl (PCB-126) mixtures in channel catfish, *Ictalurus punctatus*.

Soluble fibrinogen modulates neutrophil functionality through the activation of an extracellular signal-regulated kinase-dependent pathway.

HSP90 inhibitors alter capsaicin- and ATP-induced currents in rat dorsal root ganglion neurons.

The production of macrophage inflammatory protein-2 induced by soluble intercellular adhesion molecule-1 in mouse astrocytes is mediated by src tyrosine kinases and p42/44 mitogen-activated protein kinase.

Red wine polyphenols increase calcium in bovine aortic endothelial cells: a basis to elucidate signalling pathways leading to nitric oxide production.

Thrombin-stimulated cell proliferation mediated through activation of Ras/Raf/MEK/MAPK pathway in canine cultured tracheal smooth muscle cells.

Intracellular Ca²⁺ homeostatic regulation and 4-hydroxynonenal-induced aortic endothelial dysfunction.

TNF-alpha suppresses bone sialoprotein (BSP) expression in ROS17/2.8 cells.

Neoductular progenitor cells regenerate hepatocytes in severely damaged liver: a comparative ultrastructural study.

The Belgian PCB/dioxin incident: analysis of the food chain contamination and health risk evaluation.

Ethanol metabolism and transcription factor activation in pancreatic acinar cells in rats.

Cytokine-activated Jak-2 is involved in inducible nitric oxide synthase expression independent from NF-kappaB activation in vascular smooth muscle cells.

Surfactant and corticosteroid effects on lung function in a rat model of acute lung injury.

Induction of sister chromatid exchanges by 2,4-dichlorophenoxyacetic acid in somatic and germ cells of mice exposed in vivo.

Assessment of pentachlorophenol-exposed timber workers using a test-of-poisoning model.

Differential effects of trivalent and pentavalent arsenicals on cell proliferation and cytokine secretion in normal human epidermal keratinocytes.

Effects of atrazine on embryos, larvae, and adults of anuran amphibians.

The role of nitric oxide in paraquat-induced cytotoxicity in the human A549 lung carcinoma cell line.

Effects of diquat, an aquatic herbicide, on the development of mallard embryos.

Reproductive toxicity of MCPA (4-chloro-2-methylphenoxyacetic acid) in the rat.

Inhibition of neutrophil apoptosis by acrolein: a mechanism of tobacco-related lung disease?

Expression of inducible nitric oxide synthase in primary culture of rat bladder smooth muscle cells by plasma from cyclophosphamide-treated rats.

Influence of caffeine on allyl alcohol-induced hepatotoxicity in rats. I. In vivo study.

Propanil inhibits tumor necrosis factor-alpha production by reducing nuclear levels of the transcription factor nuclear factor-kappaB in the macrophage cell line ic-21.

Total synthesis of the immunosuppressant FR901483 via an amidoacrolein cycloaddition.

Cigarette smoke impairs neutrophil respiratory burst activation by aldehyde-induced thiol modifications.

Role of the epithelium in opposing H₂O₂-induced modulation of acetylcholine-induced contractions in rabbit intrapulmonary bronchiole.

Nontraditional microbial bioactive metabolites.

Role of tyrosine phosphorylation in ligand-independent sequestration of CXCR4 in human primary monocytes-macrophages.

DJ-1 is an indicator for endogenous reactive oxygen species elicited by endotoxin.

Environmental contaminants as etiologic factors for diabetes.

Macrophage migration inhibitory factor as a redox-sensitive cytokine in cardiac myocytes.

Mutations to Gly2370, Gly2373 or Gly2375 in malignant hyperthermia domain 2 decrease caffeine and cresol sensitivity of the rabbit skeletal-muscle Ca²⁺-release channel (ryanodine receptor isoform 1).

Non-Hodgkin's lymphoma and specific pesticide exposures in men: cross-Canada study of pesticides and health.

Identification of genes induced in vivo during *Klebsiella pneumoniae* CG43 infection.

Mast cell regulation of inflammation and gene expression during antigen-induced bladder inflammation in mice.

[Epidemiology of soft tissue sarcomas in adults].

A dot-immunobinding assay (dot-Iba) for rapid diagnosis of pulmonary tuberculosis.

Secretion of gelatinases and activation of gelatinase A (MMP-2) by human rheumatoid synovial fibroblasts.

T-cell-based immunity counteracts the potential toxicity of glutamate in the central nervous system.

[Pseudo-Acanthosis nigricans in a 12 year old boy after kidney transplantation].

Effects of calorie restriction on polymicrobial peritonitis induced by cecum ligation and puncture in young C57BL/6 mice.

Cell swelling and a nonselective cation channel regulated by internal Ca²⁺ and ATP in native reactive astrocytes from adult rat brain.

Effects of chemical modifications of crotoxin B, the phospholipase A(2) subunit of crotoxin from *Crotalus durissus terrificus* snake venom, on its enzymatic and pharmacological activities.

[CD7(+) acute myeloid leukemia (M0) associated with a mediastinal bulky mass lesion].

Iron supplementation inhibits cough associated with ACE inhibitors.

Oral administration of collagen conjugated with cholera toxin induces tolerance to type II collagen and suppresses chondritis in an animal model of autoimmune ear disease.

Suppression of allergic immune responses to house dust mite (HDM) in rats exposed to 2,3,7,8-TCDD.

The hepatitis B virus HBx protein induces adherens junction disruption in a src-dependent manner.

Cartilage and bone biological markers in the synovial fluid of osteoarthritic patients after hyaluronan injections in the knee.

Chronic toxicity of dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin to mink.

Collagen-induced arthritis.

Etiologic factors in soft tissue sarcomas.

Association of reversible alopecia with occupational topical exposure to common borax-containing solutions.

Dissociation of enzymatic and pharmacological properties of piratoxins-I and -III, two myotoxic phospholipases A2 from Bothrops pirajai snake venom.

A Kampo formulation: Byakko-ka-ninjin-to (Bai-Hu-Jia-Ren-Sheng-Tang) inhibits IgE-mediated triphasic skin reaction in mice: the role of its constituents in expression of the efficacy.

Effect of diesel exhaust particles and their components on the allergen-specific IgE and IgG1 response in mice.

Characterization of endogenous amino acid efflux from hippocampal slices during chemically-induced ischemia.

Ethanol activates NFkappaB DNA binding and p56lck protein tyrosine kinase in human osteoblast-like cells.

A study to assess the plaque inhibitory action of a new zinc citrate toothpaste formulation.

Successful repigmentation of six cases of herpes-labialis-induced lip leucoderma by micropigmentation.

Thyroid hormones, acute iron overload and the pathogenesis of cloudy swelling.

Pesticides as a cause of occupational skin diseases in farmers.

[Volatile compounds in air and oral saliva in healthy people, and in periodontitis and gingivitis patients].

Effect of sodium arsenite on iNOS expression and vascular hyporeactivity associated with cecal ligation and puncture in the rat.

Analysis of collagenase-cleavage of type II collagen using a neoepitope ELISA.

The effect of beta-carotene on the expression of interleukin-6 and heme oxygenase-1 in UV-irradiated human skin fibroblasts in vitro.

B-subunit of phosphate-specific transporter from Mycobacterium tuberculosis is a thermostable ATPase.

A study of the effects of indometacin on liver mitochondria from rats, mice and humans.

Effects of indomethacin on energy metabolism in rat and human jejunal tissue in vitro.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) inhibition of coronary development is preceded by a decrease in myocyte proliferation and an increase in cardiac apoptosis.

Identification of biochemical pathways for the metabolism of oxidized low-density lipoprotein derived aldehyde-4-hydroxy trans-2-nonenal in vascular smooth muscle cells.

Functional expression of P-glycoprotein in rat brain microglia.

Formation of spiroiminodihydantoin nucleoside by reaction of 8-oxo-7,8-dihydro-2'-deoxyguanosine with hypochlorous acid or a myeloperoxidase-H(2)O(2)-Cl(-) system.

Bivalent metal ions modulate Cd²⁺ effects on isolated rat liver mitochondria.

Ascorbate and low concentrations of FeSO₄ induce Ca²⁺-dependent pore in rat liver mitochondria.

TAT peptide on the surface of liposomes affords their efficient intracellular delivery even at low temperature and in the presence of metabolic inhibitors.

Involvement of cyclooxygenase-2 in the potentiation of allyl alcohol-induced liver injury by bacterial lipopolysaccharide.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptotic cell death and cytochrome P4501A expression in developing *Fundulus heteroclitus* embryos.

Synthesis of novel anti-inflammatory peptides derived from the amino-acid sequence of the bioactive protein SV-IV.

Human eosinophils induce histamine release from antigen-activated rat peritoneal mast cells: a possible role for mast cells in late-phase allergic reactions.

Requirement of chondroitin sulfate/dermatan sulfate recognition in midkine-dependent migration of macrophages.

[Effect of perftoran on experimental hepatitis].

Mechanisms of thrombin-induced MAPK activation associated with cell proliferation in human cultured tracheal smooth muscle cells.

Mitogenic effect of oxidized low-density lipoprotein on vascular smooth muscle cells mediated by activation of Ras/Raf/MEK/MAPK pathway.

Aryl hydrocarbon receptor-deficient mice generate normal immune responses to model antigens and are resistant to TCDD-induced immune suppression.

2,3,7,8-Tetrachlorodibenzo-p-dioxin affects the number and function of murine splenic dendritic cells and their expression of accessory molecules.

Long-term toxic impact of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the reproduction, sexual differentiation, and development of different life stages of *Gobiocypris rarus* and *Daphnia magna*.

Cryptococcus neoformans induces macrophage inflammatory protein 1 α (MIP-1 α) and MIP-1 β in human microglia: role of specific antibody and soluble capsular polysaccharide.

Effects of cresols (o-, m-, and p-isomers) on the bioenergetic system in isolated rat liver mitochondria.

Clonal anergy induced in a CD8⁺ hapten-specific cytotoxic T-cell clone by an altered hapten-peptide ligand.

Effects of tyrosine kinase inhibitors on cell death induced by sodium fluoride and pertussis toxin in the pancreatic beta-cell line, RINm5F.

Inhalation toxicity studies of the alpha,beta-unsaturated ketones: 2-cyclohexene-1-one.

Pretreatment of whole blood for use in immunochromatographic assays for hepatitis B virus surface antigen.

Modeling and predicting selected immunological effects of a chemical stressor (3,4-dichloropropionilide) using the area under the corticosterone concentration versus time curve.

Chronic ingestion of a potential food contaminant induces gastrointestinal inflammation in rats: role of nitric oxide and mast cells.

Clinical presentations and prognostic factors of a glyphosate-surfactant herbicide intoxication: a review of 131 cases.

[Hypersensitivity vasculitis caused by the herbicide containing the isopropylamine salt of glyphosate].

Effects of the herbicide Roundup on the ultrastructural pattern of hepatocytes in carp (*Cyprinus carpio*).

Effects of environmental pollutants on airways, allergic inflammation, and the immune response.

The non-mevalonate isoprenoid biosynthesis of plants as a test system for new herbicides and drugs against pathogenic bacteria and the malaria parasite.

[Pentachlorophenol poisoning. Report of 4 cases and review of the literature].

NMDA receptor activation: critical role in oxidant tissue injury.

Cyanamide-induced liver dysfunction after abstinence in alcoholics: a long-term follow-up study on four cases.

Comparison of cyanamide and disulfiram in effects on liver function.

Ligation of the bronchial artery in sheep attenuates early pulmonary changes following exposure to smoke.

Stimulated pulmonary cell hyperplasia underlies resistance to alpha-naphthylthiourea.

Pulmonary protective effects of curcumin against paraquat toxicity.

Role of reactive oxygen intermediates in the decrease of hepatic cytochrome P450 activity by serum of humans and rabbits with an acute inflammatory reaction.

Cyclophosphamide-induced cystitis in freely-moving conscious rats: behavioral approach to a new model of visceral pain.

Structure-activity relationship in potentially anti-tumor promoting benzalacetone derivatives, as assayed by the Epstein-Barr virus early antigen activation.

Sensitivity of the SRBC PFC assay versus ELISA for detection of immunosuppression by TCDD and TCDD-like congeners.

The mercapturic acid biotransformation pathway of hexachlorobenzene is not involved in the induction of splenomegaly, or skin and lung lesions in the Brown Norway rat.

Immunologic effects of background exposure to polychlorinated biphenyls and dioxins in Dutch preschool children.

Chronic peritoneal inflammation by cyanate in rats.

Arsenic methylation capacity and skin cancer.

Antenatal dexamethasone enhances surfactant protein synthesis in the hypoplastic lung of nitrofen-induced diaphragmatic hernia in rats.

Pseudomonas pickettii: a common soil and groundwater aerobic bacteria with pathogenic and biodegradation properties.

Selective involvement of reactive oxygen intermediates in platelet-activating factor-mediated activation of NF-kappaB.

Immunological and in-vivo neurological studies on a benzoic acid-specific T cell-derived antigen-binding molecule from the serum of a toluene-sensitive patient.

Comparison of HOCl traps with myeloperoxidase inhibitors in prevention of low density lipoprotein oxidation.

Negative regulation of FcepsilonRI signaling by FcgammaRII costimulation in human blood basophils.

Redistribution of accumulated 2,3,7,8-tetrachlorodibenzo-p-dioxin during coxsackievirus B3 infection in the mouse.

Endocytic recycling is required for the presentation of an exogenous peptide via MHC class II molecules.

[Anti-inflammatory activity of copper and zinc p-cresol dihydrate].

Induction of the stress response in vivo decreases nuclear factor-kappa B activity in jejunal mucosa of endotoxemic mice.

Structural and functional characterization of BnSP-7, a Lys49 myotoxic phospholipase A(2) homologue from *Bothrops neuwiedi pauloensis* venom.

Arsenic and portal hypertension.

Ligation of IgE receptors causes an anaphylactic response and neutrophil infiltration but does not induce eosinophilic inflammation in mice.

Iron supplementation affects the production of pro-inflammatory cytokines in IL-10 deficient mice.

Annexin I is a stress protein induced by heat, oxidative stress and a sulfhydryl-reactive agent.

S-adenosylmethionine and *Pneumocystis carinii*.

Identification of the copper-zinc superoxide dismutase activity in *Mycoplasma hyopneumoniae*.

Herbimycin A in the treatment of experimental proliferative vitreoretinopathy: toxicity and efficacy study.

Response to replacement iron therapy in sideropenic individuals with recrudescing herpes labialis.

Active movement of T cells away from a chemokine.

Uncoupling of intestinal mitochondrial oxidative phosphorylation and inhibition of cyclooxygenase are required for the development of NSAID-enteropathy in the rat.

IL-2 signaling in human monocytes involves the phosphorylation and activation of p59hck.

p-Cresol sulfate is the dominant component of urinary myelin basic protein like material.

Role of manganese-containing superoxide dismutase in oxidative stress and virulence of *Streptococcus pneumoniae*.

Transfer factors: identification of conserved sequences in transfer factor molecules.

[An analysis of the immunity indices of patients with iron-deficiency anemia].

Caspase-3 protease activation during the process of genistein-induced apoptosis in TM4 testicular cells.

Photobiological properties of nabumetone (4-[6-methoxy-2-naphthalenyl]-2-butanone), a novel non-steroidal anti-inflammatory and analgesic agent.

P2Y₂ receptor-mediated proliferation of C(6) glioma cells via activation of Ras/Raf/MEK/MAPK pathway.

[Clinical experience with the use of benzylalcohol and amyl-m-cresol (Strepsils) in stomatological diseases].

Inhibition of irritation and contact hypersensitivity by phenoxyacetic acid methyl ester in mice.

Drug-induced oesophageal disorders: pathogenesis, incidence, prevention and management.

Neurokinin-1 (NK-1) receptor is required in antigen-induced cystitis.

Induction and regulation of xenobiotic-metabolizing cytochrome P450s in the human A549 lung adenocarcinoma cell line.

Trypsin stimulates integrin alpha(5)beta(1)-dependent adhesion to fibronectin and proliferation of human gastric carcinoma cells through activation of proteinase-activated receptor-2.

Regional differences in hypoxic depolarization and swelling in hippocampal slices.

Differential effect of antiallergic drugs on IgE-mediated cutaneous reaction in passively sensitized mice.

Macrophage migration inhibitory factor up-regulates expression of matrix metalloproteinases in synovial fibroblasts of rheumatoid arthritis.

Morphologic, biochemical and molecular mitochondrial changes during reperfusion phase following brief renal ischemia.

Synthesis of [I-NaI³] thymopoietin II and examination of its immunological effect on the uremic T-lymphocytes.

Antenatal dexamethasone administration inhibits smooth-muscle-cell DNA synthesis in pulmonary-arterial media in nitrofen-induced congenital diaphragmatic hernia in rats.

Impairment of mycophenolate mofetil absorption by iron ion.

Subcellular localization of the aryl hydrocarbon receptor is modulated by the immunophilin homolog hepatitis B virus X-associated protein 2.

Down-regulation of L-selectin expression in neutrophils by nonsteroidal anti-inflammatory drugs: role of intracellular ATP concentration.

Evaluation of leukocyte adhesion on polyurethanes: the effects of shear stress and blood proteins.

Chronic toxicity of arsenic in goats: clinicobiochemical changes, pathomorphology and tissue residues.

Hemodynamic dysfunction and cytochrome P4501A mRNA expression induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin during embryonic stages of lake trout development.

Pathologic alterations in adult rainbow trout, *Oncorhynchus mykiss*, exposed to dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Characterization of cardiotoxicity induced by 2,3,7, 8-tetrachlorodibenzo-p-dioxin and related chemicals during early chick embryo development.

Experimental model of hepatic fibrosis following repeated periportal necrosis induced by allyl alcohol.

Interleukin-6 negatively regulates the expression of pregnane X receptor and constitutively activated receptor in primary human hepatocytes.

Induction of angiotensin-converting enzyme by oncostatin m in human endothelial cells.

Actions of epoxyeicosatrienoic acid on large-conductance Ca(2+)-activated K(+) channels in pituitary GH(3) cells.

Interleukin 10 modulation of tumour necrosis factor receptors requires tyrosine kinases but not the PI 3-kinase/p70 S6 kinase pathway.

Pentoxifylline attenuates bacterial lipopolysaccharide-induced enhancement of allyl alcohol hepatotoxicity.

Synergistic activation of NF-kappaB and inducible isoform of nitric oxide synthase induction by interferon-gamma and tumor necrosis factor-alpha in INS-1 cells.

Activation of NFkappaB is necessary for IL-1beta-induced cyclooxygenase-2 (COX-2) expression in human gingival fibroblasts.

Pathological changes of hepatic artery and portal vein, after allyl-alcohol and carbon tetrachloride administration. An experimental study.

Specific inhibition of stretch-induced increase in L-type calcium channel currents by herbimycin A in canine basilar arterial myocytes.

Tumour necrosis factor-alpha- and interleukin-1beta-stimulated cell proliferation through activation of mitogen-activated protein kinase in canine tracheal smooth muscle cells.

Green tea polyphenols and tannic acid act as potent inhibitors of phorbol ester-induced nitric oxide generation in rat hepatocytes independent of their antioxidant properties.

Anti-inflammatory effect of heat shock protein induction is related to stabilization of I kappa B alpha through preventing I kappa B kinase activation in respiratory epithelial cells.

The involvement of caspases in the CD95(Fas/Apo-1)- but not swelling-induced cellular taurine release from Jurkat T-lymphocytes.

Orosomucoid has a cAMP-dependent effect on human endothelial cells and inhibits the action of histamine.

Deficiency of the stress kinase p38alpha results in embryonic lethality: characterization of the kinase dependence of stress responses of enzyme-deficient embryonic stem cells.

NTP Toxicology and Carcinogenesis Studies of Pyridine (CAS No. 110-86-1) in F344/N Rats, Wistar Rats, and B6C3F1 Mice (Drinking Water Studies).

Thiobencarb-induced embryotoxicity in medaka (*Oryzias latipes*): stage-specific toxicity and the protective role of chorion.

Accumulation of rifampicin by *Mycobacterium aurum*, *Mycobacterium smegmatis* and *Mycobacterium tuberculosis*.

Platelet-activating factor activates mitogen-activated protein kinases through the activation of phosphatidylinositol 3-kinase and tyrosine kinase in human eosinophils.

Rapid lethal intoxication caused by the herbicide glyphosate-trimesium (Touchdown).

Maternal exposure to atrazine during lactation suppresses suckling-induced prolactin release and results in prostatitis in the adult offspring.

Pneumonitis and herbicide exposure.

Acute basagran poisoning mimicking neuroleptic malignant syndrome.

Glutathione antagonized cyclophosphamide- and acrolein-induced cytotoxicity of PC3 cells and immunosuppressive actions in mice.

[*Pneumocystis carinii* pneumonia in an immunocompetent patient after paraquat spraying].

Acute poisoning with a herbicide containing imazapyr (Arsenal): a report of six cases.

Pharmacological and molecular evidence for kinin B1 receptor expression in urinary bladder of cyclophosphamide-treated rats.

Monocyte inflammation augments acrolein-induced Muc5ac expression in mouse lung.

Regulation of human airway mucins by acrolein and inflammatory mediators.

Oxidative stress as a mechanism of chronic cadmium-induced hepatotoxicity and renal toxicity and protection by antioxidants.

Ethanol co-exposure increases lethality of allyl alcohol in male Sprague-Dawley rats.

Regulation of hmp gene transcription in *Mycobacterium tuberculosis*: effects of oxygen limitation and nitrosative and oxidative stress.

Effect of Shimotsu-to (a Kampo medicine, Si-Wu-Tang) and its constituents on triphasic skin reaction in passively sensitized mice.

[Dietary fiber inhibits the incidence of hepatic metastasis with the anti-oxidant activity and portal scavenging functions].

Synthesis and evaluation of anti-inflammatory activity of some thiazolo[3,2-b]-1,2,4-triazole-5(6H)-ones and their Michael addition products.

Acute arsenic poisoning: clinical and histopathological features.

Thymocyte development in Ah-receptor-deficient mice is refractory to TCDD-inducible changes.

Rapid diagnosis of tuberculous meningitis by a dot immunobinding assay To detect mycobacterial antigen in cerebrospinal fluid specimens.

Heat shock protein suppresses the senescent lung cytokine response to acute endotoxemia.

Erosive injury to the upper gastrointestinal tract in patients receiving iron medication: an underrecognized entity.

Prenatal immunotoxicant exposure and postnatal autoimmune disease.

Cyclic nucleotide phosphodiesterases (PDE) 3 and 4 in normal, malignant, and HTLV-I transformed human lymphocytes.

[Occupational agents and endocrine function: an update of the experimental and human evidence].

Complementation between HLA-DR4 (DRB1*0401) and specific H2-A molecule in transgenic mice leads to collagen-induced arthritis.

Long term substitution and specific immune responses after transfer of bovine peripheral blood lymphocytes into severe combined immunodeficient mice.

Anti-lactoferrin antibodies and other types of anti-neutrophil cytoplasmic antibodies (ANCA) in reactive arthritis and ankylosing spondylitis.

Effects of aging on resistance to *Trichinella spiralis* infection in rodents exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Connective tissue responses to calcium hydroxide-based root canal medicaments.

Low-dose oral iron absorption test in anaemic patients with and without iron deficiency determined by bone marrow iron content.

A monoclonal antibody reactive with a 40-kDa molecule on fetal thymocytes and tumor cells blocks proliferation and stimulates aggregation and apoptosis.

The myeloperoxidase system of human phagocytes generates N-epsilon-(carboxymethyl)lysine on proteins: a mechanism for producing advanced glycation end products at sites of inflammation.

A chimeric aryl hydrocarbon receptor knockout mouse model indicates that aryl hydrocarbon receptor activation in hematopoietic cells contributes to the hepatic lesions induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Prevalence of antinuclear antibodies in a rural population.

Secretory phospholipase A2 induces phospholipase C γ -1 activation and Ca²⁺ mobilization in the human astrocytoma cell line 1321N1 by a mechanism independent of its catalytic activity.

Analysis of urinary nitric oxide metabolites in healthy subjects.

Serum dioxin and immunologic response in veterans of Operation Ranch Hand.

Antiproliferative and apoptosis-inducing effects of an antitumor glycoprotein from *Streptococcus pyogenes*.

Involvement of tyrosine protein kinase in IFN- γ -induced human endothelial cell apoptosis.

Toxicity of 3,3',4,4'-tetrachloroazoxybenzene in rats and mice.

N-acetylneuraminic acid transport by *Streptococcus oralis* strain AR3.

Heat-shock protein-73 protects against small intestinal warm ischemia-reperfusion injury in the rat.

The heparin/heparan sulfate-binding site on apo-serum amyloid A. Implications for the therapeutic intervention of amyloidosis.

[Oxidative injury and its defense system in vivo].

Phototoxicity of quinalphos under sunlight in vitro and in vivo.

Quantification of axonal damage in traumatic brain injury: affinity purification and characterization of cerebrospinal fluid tau proteins.

Human cytochrome P4501A2.

Uremic ultrafiltrate inhibits platelet-activating factor synthesis.

A 63 kDa skeletal muscle protein associated with eye muscle inflammation in Graves' disease is identified as the calcium binding protein calsequestrin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters cardiovascular and craniofacial development and function in sac fry of rainbow trout (*Oncorhynchus mykiss*).

Use of indirectly immobilized recombinant p17 antigen for detection of antibodies to HIV-1 by enzyme immunoassay.

Inhibitory mechanisms of glycoprotein fraction derived from *Miscanthus sinensis* for the immediate phase response of an IgE-mediated cutaneous reaction.

Hodgkin's disease, work, and the environment. A review.

Lipopolysaccharides and cytokines downregulate the angiotensin II type 2 receptor in rat cardiac fibroblasts.

Hyposmolality stimulates apical membrane Na(+)/H(+) exchange and HCO(3)(-) absorption in renal thick ascending limb.

NTP Toxicology and Carcinogenesis Studies of Triethanolamine (CAS No. 102-71-6) in F344 Rats and B6C3F1 Mice (Dermal Studies).

Role of glutathione and reactive oxygen intermediates in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immune suppression in C57Bl/6 mice.

Trimethylamine oxide transport across plasma membranes of elasmobranch erythrocytes.

Synthesis and anti-inflammatory activities of some thiazolo[3,2-a]pyrimidine derivatives.

Participation of different cell types in the restitutive response of the rat liver to periportal injury induced by allyl alcohol.

Early effects of protein kinase modulators on DNA synthesis in rat cerebral cortex.

Increased group IV cytosolic phospholipase A2 activity in lungs of sheep after smoke inhalation injury.

Stress response decreases the interleukin-1beta-induced production of complement component C3 in human intestinal epithelial cells.

Nitric oxide acts as a postsynaptic signaling molecule in calcium/calmodulin-induced synaptic potentiation in hippocampal CA1 pyramidal neurons.

The role of calcium stores in fatigue of isolated single muscle fibres from the cane toad.

Mechanisms of D-aspartate release under ischemic conditions in mouse hippocampal slices.

LDL stimulates mitogen-activated protein kinase phosphatase-1 expression, independent of LDL receptors, in vascular smooth muscle cells.

The CC-chemokine RANTES increases the attachment of human immunodeficiency virus type 1 to target cells via glycosaminoglycans and also activates a signal transduction pathway that enhances viral infectivity.

Disruption of male sex hormones with regard to pesticides: pathophysiological and regulatory aspects.

Activation of Akt/protein kinase B after stimulation with angiotensin II in vascular smooth muscle cells.

An inhibitor of exported Mycobacterium tuberculosis glutamine synthetase selectively blocks the growth of pathogenic mycobacteria in axenic culture and in human monocytes: extracellular proteins as potential novel drug targets.

Pasteurella haemolytica leukotoxin and endotoxin induced cytokine gene expression in bovine alveolar macrophages requires NF-kappaB activation and calcium elevation.

Uncouplers of oxidative phosphorylation can enhance a Fas death signal.

[Effects of hepatoprotective agents containing phospholipids on cytochrome P-450-dependent antitoxic liver function during experimental toxic hepatitis].

Human immunodeficiency virus-1 infection requires pertussis toxin sensitive G-protein-coupled signalling and mediates cAMP downregulation.

Regulation of IL-8RA (CXCR1) expression in polymorphonuclear leukocytes by hypoxia/reoxygenation.

Lysophosphatidic acid-induced calcium mobilization and proliferation in kidney proximal tubular cells.

The human immunodeficiency virus-1 Tat protein increases cell proliferation, alters sensitivity to zinc chelator-induced apoptosis, and changes Sp1 DNA binding in HeLa cells.

Novel co-operation between eotaxin and substance-P in inducing eosinophil-derived neurotoxin release.

Ah receptor and NF-kappaB interactions, a potential mechanism for dioxin toxicity.

Primary hepatic angiosarcoma: report of a case involving environmental arsenic exposure.

Herbicide (Roundup) pneumonitis.

Involvement of capsaicin-sensitive nerves in paraquat-induced mortality.

Inhibitors of branched-chain amino acid biosynthesis as potential antituberculosis agents.

The nature of antioxidant defense mechanisms: a lesson from transgenic studies.

Acute 2,4-D poisoning in tench (*Tinca tinca* L.): lesions in the hematopoietic portion of the kidney.

Health effects of occupational pentachlorophenol exposure in timber sawmill employees: a preliminary study.

Urinary excretion and pharmacokinetics of acrolein and its parent drug cyclophosphamide in bone marrow transplant patients.

Clinical experience with pendimethalin (STOMP) poisoning in Taiwan.

Dermatotoxicity of agricultural chemicals in the dorsal skin of hairless dogs.

Inorganic and methylated arsenic compounds induce cell death in murine macrophages via different mechanisms.

[Paraquat poisoning in children].

Susceptibility to skin stinging, non-immunologic contact urticaria and acute skin irritation; is there a relationship?

Kaposi's sarcoma in dog with acquired immunodeficiency after phosphate poisoning.

Acrolein: a respiratory toxin that suppresses pulmonary host defense.

'Golf ball liver': a cause of chronic hepatitis?

Cytokine-mediated induction of ceramide production is redox-sensitive. Implications to proinflammatory cytokine-mediated apoptosis in demyelinating diseases.

Genes for 2,4,5-trichlorophenoxyacetic acid metabolism in *Burkholderia cepacia* AC1100: characterization of the tftC and tftD genes and locations of the tft operons on multiple replicons.

Influence of incubation time and rinsing buffer on the distribution of the tracer lanthanum in canine heart muscle.

Experimental study of oxidative DNA damage.

Concentrated cresol intoxication.

Enantiomers of flurbiprofen can distinguish key pathophysiological steps of NSAID enteropathy in the rat.

IL-12 enhances antibody responses to T-independent polysaccharide vaccines in the absence of T and NK cells.

Herbimycin-A attenuates ischaemia-reperfusion induced pulmonary neutrophil infiltration.

Oncostatin M up-regulates tissue inhibitor of metalloproteinases-3 gene expression in articular chondrocytes via de novo transcription, protein synthesis, and tyrosine kinase- and mitogen-activated protein kinase-dependent mechanisms.

Molecular and functional aspects of the hairless (hr) gene in laboratory rodents and humans.

Quantitation of CD38 expression using QuantiBRITE beads.

Epidermal Langerhans cell apoptosis is induced in vivo by nonanoic acid but not by sodium lauryl sulphate.

Stimulation of the stress-induced expression of stress proteins by curcumin in cultured cells and in rat tissues in vivo.

Thermoregulation in rats exposed perinatally to dioxin: core temperature stability to altered ambient temperature, behavioral thermoregulation, and febrile response to lipopolysaccharide.

A case-control study of occupational and environmental risk factors for Parkinson's disease in the Emilia-Romagna region of Italy.

Inhibition of guinea pig skin allergic reactions by nonpeptide bradykinin B2 receptor antagonist FR173657.

A novel dosage approach for evaluation of SMANCS [poly-(styrene-co-maleyl-half-n-butylate) - neocarcinostatin] in the treatment of primary hepatocellular carcinoma.

[Immunotoxicology in occupational and environmental medicine: prospectives, limitations, and research objectives].

Intracellular Signal-transducing elements involved in transendothelial migration of lymphoma cells.

[The use of benzyl alcohol and amyl-m-cresol (Strepsils) in the oral cavity. (Review of the literature and first clinical experiences)].

Atherogenic lipoproteins enhance mesangial cell expression of platelet-derived growth factor: role of protein tyrosine kinase and cyclic AMP-dependent protein kinase A.

Thymic alterations induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin are strictly dependent on aryl hydrocarbon receptor activation in hemopoietic cells.

Some aspects of the etiology of non-Hodgkin's lymphoma.

Aryl hydrocarbon receptor-dependent suppression by 2,3,7, 8-tetrachlorodibenzo-p-dioxin of IgM secretion in activated B cells.

Role of altered arachidonic acid metabolism in 2,3,7, 8-tetrachlorodibenzo-p-dioxin-induced immune suppression in C57Bl/6 mice.

Collagen-induced arthritis in nonhuman primates: multiple epitopes of type II collagen can induce autoimmune-mediated arthritis in outbred cynomolgus monkeys.

Effective utilization of erythropoietin with intravenous iron therapy.

Dioxin exposure and non-malignant health effects: a mortality study.

[Synthesis and properties of 5(4,6-diphenyl-2-pyrimidin-2-yl)-1,2,4-triazolin-3-thione and derivatives].

Acute intoxication with trichloroethene: clinical symptoms, toxicokinetics, metabolism, and development of biochemical parameters for renal damage.

The 64-kilodalton eye muscle protein is the flavoprotein subunit of mitochondrial succinate dehydrogenase: the corresponding serum antibodies are good markers of an immune-mediated damage to the eye muscle in patients with Graves' hyperthyroidism.

Sensitive enzyme immunoassay of antibodies to HIV-1 p17 antigen using indirectly immobilized recombinant p17 for diagnosis of HIV-1 infection.

An unusual exposure to methyl bromide leading to fatality.

Environmental and occupational aspects on the etiology of non-Hodgkin's lymphoma.

Effects of the nonsteroidal anti-inflammatory drug nimesulide on energy metabolism in livers from adjuvant-induced arthritic rats.

[Long-term ecological and genetic consequences of use of dioxin-containing environmental agents].

Possible role of nitric oxide in IgE-mediated allergic cutaneous reaction in mice.

1,2-Dichlorobenzene-induced lipid peroxidation in male Fischer 344 rats is Kupffer cell dependent.

Delta opiate receptors account for the castration-induced unmasking of gonadotropin-releasing hormone binding sites in the rat pituitary.

Mannitol at clinical concentrations activates multiple signaling pathways and induces apoptosis in endothelial cells.

Anaphylatoxins C5a and C3a induce nuclear factor kappaB activation in human peripheral blood monocytes.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazoxybenzene (CAS No. 21232-47-3) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

Cytochrome P450 1B1: a major P450 isoenzyme in human blood monocytes and macrophage subsets.

Structural and functional comparison of agents interfering with dihydroorotate, succinate and NADH oxidation of rat liver mitochondria.

Effect of protein kinase inhibitors on primary antibody induction in tissue cultures.

On the role of the peroxisome in the metabolism of drugs and xenobiotics.

CD40-mediated signal transduction in human airway smooth muscle.

SPARC inhibits endothelial cell adhesion but not proliferation through a tyrosine phosphorylation-dependent pathway.

The malonyl-CoA-sensitive form of carnitine palmitoyltransferase is not localized exclusively in the outer membrane of rat liver mitochondria.

Military history of patients with inflammatory bowel disease: an epidemiological study among U.S. veterans.

p38 mitogen-activated protein kinase inhibition attenuates intercellular adhesion molecule-1 up-regulation on human pulmonary microvascular endothelial cells.

Stress-induced fractal rearrangement of the endothelial cell cytoskeleton causes apoptosis.

Chemotaxis of chinese hamster ovary cells expressing the human neutrophil formyl peptide receptor: role of signal transduction molecules and alpha5beta1 integrin.

Inactivation of mycobacteriophage D29 using ferrous ammonium sulphate as a tool for the detection of viable *Mycobacterium smegmatis* and *M. tuberculosis*.

The cellular stress response increases measles virus-induced cytopathic effect.

Mycobacterium tuberculosis mannose-capped lipoarabinomannan can induce NF-kappaB-dependent activation of human immunodeficiency virus type 1 long terminal repeat in T cells.

Fast and sensitive method for simultaneous measurement of cell proliferation rate and drug sensitivity in rat cerebral cortex.

Inflammatory cytokines (IL-1alpha, TNF-alpha) and LPS modulate the Ca²⁺ signaling pathway in osteoblasts.

Suppression of C/EBPalpha and induction of C/EBPbeta by 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse adipose tissue and liver.

Anti-immunoglobulin E antibody treatment blocks histamine release and tissue contraction in sensitized mice.

Effects of indomethacin on mitochondrial oxygen uptake in intestine.

Interleukin 1beta and interleukin 6, but not tumor necrosis factor alpha, inhibit insulin-stimulated glycogen synthesis in rat hepatocytes.

The tyrosine kinase p56lck mediates activation of swelling-induced chloride channels in lymphocytes.

Cd2+ effects on respiration and swelling of rat liver mitochondria were modified by monovalent cations.

Immune cell functions in industrial workers after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: dissociation of antigen-specific T-cell responses in cultures of diluted whole blood and of isolated peripheral blood mononuclear cells.

Immunologic findings in workers formerly exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin and its congeners.

Involvement of calcium and arachidonate metabolism in acetylated-low-density-lipoprotein-stimulated tumor-necrosis-factor-alpha production by rat peritoneal macrophages.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and diethylstilbestrol affect thymocytes at different stages of development in fetal thymus organ culture.

Tumor necrosis factor-alpha regulates the gene expression of macrophage migration inhibitory factor through tyrosine kinase-dependent pathway in 3T3-L1 adipocytes.

The effects of serum iminodipeptides and prednisolone on superoxide generation and tyrosyl phosphorylation of proteins in neutrophils from a patient with prolidase deficiency.

Biological characterization of human fibroblast-derived mitogenic factors for human melanocytes.

Cell-specific differences in the susceptibility of potential cellular targets of human origin derived from blood and lung following treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Interleukin 1 beta and tumour necrosis factor alpha inhibit acid secretion in cultured rabbit parietal cells by multiple pathways.

Hepatitis B virus X-associated protein 2 is a subunit of the unliganded aryl hydrocarbon receptor core complex and exhibits transcriptional enhancer activity.

Identification of a region of the herpes simplex virus single-stranded DNA-binding protein involved in cooperative binding.

Unintentional fatal paraquat poisonings among agricultural workers in Costa Rica: report of 15 cases.

Laryngeal survey in glyphosate intoxication: a pathophysiological investigation.

Effect of roundup and tordon 202C herbicides on antibody production in mice.

Propanil poisoning.

"Golf ball liver": agent orange hepatitis.

A fatal case of drinking and cyanamide intake.

Homicidal poisoning by paraquat.

Drug eruption induced by cyanamide (carbimide): a clinical and histopathologic study of 7 patients.

Paraquat-induced formation of leukotriene B₄ in rat lungs: modulation by N-acetylcysteine.

Transgenerational effects of maternal exposure to chemicals on the functional development of the brain in the offspring.

Human neutrophils employ the myeloperoxidase-hydrogen peroxide-chloride system to convert hydroxy-amino acids into glycolaldehyde, 2-hydroxypropanal, and acrolein. A mechanism for the generation of highly reactive alpha-hydroxy and alpha,beta-unsaturated aldehydes by phagocytes at sites of inflammation.

Cigarette smoke induces interleukin-8 release from human bronchial epithelial cells.

Hydrogen peroxide (H₂O₂) increases the steady-state mRNA levels of collagenase/MMP-1 in human dermal fibroblasts.

Immunization with alum-collagen II complex suppresses the development of collagen-induced arthritis in rats by deviating the immune response.

Induction of p53 protein expression by sodium arsenite.

Evidence that singlet oxygen-induced human T helper cell apoptosis is the basic mechanism of ultraviolet-A radiation phototherapy.

Activation induces apoptosis in Herpesvirus saimiri-transformed T cells independent of CD95 (Fas, APO-1).

Alterations in the developing immune system of the F344 rat after perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin I. [correction of II]. Effects on the fetus and the neonate.

Possible involvement of rapamycin-sensitive pathway in Bcl-2 expression in human neuroblastoma SH-SY5Y cells.

The epidemiology of soft tissue sarcoma.

FK-506 and cyclosporin A potentiate the IgE antibody production by contact sensitization with hapten in mice.

Haemophilus somnus immunoglobulin binding proteins and surface fibrils.

Mitochondrial damage: a possible mechanism of the "topical" phase of NSAID induced injury to the rat intestine.

Differential effects on TNF alpha production by pharmacological agents with varying molecular sites of action.

Estrogens attenuate neuronal injury due to hemoglobin, chemical hypoxia, and excitatory amino acids in murine cortical cultures.

Pneumocystis carinii cysts are susceptible to inactivation by chemical disinfectants.

T cell responses to human type II collagen in patients with rheumatoid arthritis and healthy controls.

Opposite effects of 2,2',4,4',5,5'-hexachlorobiphenyl and 2,3,7,8-tetrachlorodibenzo-p-dioxin on the antibody response to sheep erythrocytes in mice.

Arsenic can mediate skin neoplasia by chronic stimulation of keratinocyte-derived growth factors.

Ferrous sulfate-induced increase in requirement for thyroxine in a patient with primary hypothyroidism.

Inhibition of protein tyrosine kinases or protein kinase C prevents nonspecific killer T lymphocyte-mediated tumoricidal activity.

Altered in vivo toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C-SRC deficient mice.

Some peculiarities of hepatobiliary diseases in Vietnam.

Helicobacter pylori stimulates granulocyte-macrophage colony-stimulating factor (GM-CSF) production from cultured antral biopsies and a human gastric epithelial cell line.

Induction of human endothelial cell apoptosis requires both heat shock and oxidative stress responses.

Detection of peroxisome proliferators using a reporter construct derived from the rat acyl-CoA oxidase promoter in the rat liver cell line H-4-II-E.

Expression of the aryl hydrocarbon receptor (AhR) and AhR nuclear translocator during chick cardiogenesis is consistent with 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced heart defects.

Activation of mitogenic signaling by endothelin 1 in ovarian carcinoma cells.

Design, synthesis, and antiviral evaluation of 2-substituted 4,5-dichloro- and 4,6-dichloro-1-beta-D-ribofuranosylbenzimidazoles as potential agents for human cytomegalovirus infections.

Synthesis and antiproliferative and antiviral activity of carbohydrate-modified pyrrolo[2,3-d]pyridazin-7-one nucleosides.

The role of oxygen free radicals in occupational and environmental lung diseases.

Cytokines (IL-1beta and TNFalpha) in relation to biochemical and immunological effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats.

T-cell receptor-mediated signal transduction in transformed human T-cells.

More sensitive immune complex transfer enzyme immunoassay for antibody IgG to p17 of HIV-1 with shorter incubation time for immunoreactions and larger volumes of serum samples.

Early life stage toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish (Danio rerio).

Midkine, a retinoic acid-inducible heparin-binding cytokine, is a novel regulator of intracellular calcium in human neutrophils.

Is exposure to bacterial endotoxin a determinant of susceptibility to intoxication from xenobiotic agents?

Gadolinium chloride reduces cytochrome P450: relevance to chemical-induced hepatotoxicity.

Characterization of intracellular calcium responses produced by polycyclic aromatic hydrocarbons in surface marker-defined human peripheral blood mononuclear cells.

4,6-Dinitro-o-cresol uncouples oxidative phosphorylation and induces membrane permeability transition in rat liver mitochondria.

Apoptotic cell death of erythrocytes in *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Differential effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin, bis(tri-n-butyltin) oxide and cyclosporine on thymus histophysiology.

Integrin stimulation regulates polymorphonuclear leukocytes inflammatory cytokine expression.

Differences in platelet-activating factor receptor mediated Ca^{++} response between hamster and guinea pig alveolar macrophages.

The role of tyrosine phosphorylation in lipopolysaccharide- and zymosan-induced procoagulant activity and tissue factor expression in macrophages.

[Comparative study of the effect of paracetamol, phenacetin and amidopyrine on mitochondrial function in isolated rat hepatocytes].

Glycogenolysis stimulation by non-steroidal anti-inflammatories in the perfused rat liver is not accompanied by Ca^{2+} release.

Changes in barrier function of a model intestinal epithelium by intraepithelial lymphocytes require new protein synthesis by epithelial cells.

Inflammatory damage to skin by prolonged contact with 1,2-dichlorobenzene and chloropentafluorobenzene.

Correlation of 2,3,7,8-tetrachlorodibenzo-p-dioxin induction of cytochrome P4501A in vascular endothelium with toxicity in early life stages of lake trout.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on tumor necrosis factor (TNF) production by peritoneal cells.

Inhibitors of protein kinases and phosphatases alter root morphology and disorganize cortical microtubules.

Cryptic gonadotropin-releasing hormone receptors of rat pituitary cells in culture are unmasked by epidermal growth factor.

[Respiration and ion permeability of the inner membrane in rat "sodium" liver mitochondria].

Tumor necrosis factor beta is a major source of antibody-activated effector cells in the killing of virally infected target cells.

Effects of protein tyrosine kinase inhibitors on the replication of herpes simplex virus and the phosphorylation of viral proteins.

Cross-reactions in patch testing and photopatch testing with ketoprofen, thiaprophenic acid, and cinnamic aldehyde.

Alleviation of paraquat-induced lung injury by pretreatment with bifunctional liposomes containing alpha-tocopherol and glutathione.

Cellular target of cyclophosphamide toxicity in the murine liver: role of glutathione and site of metabolic activation.

Pulse therapy with cyclophosphamide and methylprednisolone in patients with moderate to severe paraquat poisoning: a preliminary report.

Oxidative DNA damage and cell proliferation in the livers of B6C3F1 mice exposed to pentachlorophenol in their diet.

[Distribution of ventilation-perfusion ratios in paraquat-induced interstitial pneumonia in dogs].

In vivo and in vitro analysis of Bordetella pertussis catalase and Fe-superoxide dismutase mutants.

Assessment of the biochemical effects of percutaneous exposure of sulphur mustard in an in vitro human skin system.

Methyl iodide poisoning: report of two cases.

Retinoic acid affects the expression rate of the differentiation-related genes aryl hydrocarbon receptor, ARNT and keratin 4 in proliferative keratinocytes only.

The beneficial effect of taurine on the prevention of human endothelial cell death.

Effects induced by feeding organochlorine-contaminated carp from Saginaw Bay, Lake Huron, to laying White Leghorn hens. II. Embryotoxic and teratogenic effects.

Effects of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) injected into the yolks of chicken (*Gallus domesticus*) eggs prior to incubation.

Inhibition of TC-1 cytokine production, effector cytotoxic T lymphocyte development and alloantibody production by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Evaluating the antioxidant potential of new treatments for inflammatory bowel disease using a rat model of colitis.

Fatal accident resulting from methyl bromide poisoning after fumigation of a neighbouring house; leakage through sewage pipes.

Fulminant malignant hyperthermia associated with ketoacidotic diabetic coma.

In ovo 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in three avian species. 1. Effects on thyroid hormones and growth during the perinatal period.

Identification of a cell-specific transcription activation domain within the human Ah receptor nuclear translocator.

Activation of phospholipase D is tightly coupled to the phagocytosis of *Mycobacterium tuberculosis* or opsonized zymosan by human macrophages.

Tri-chloroacetic acid: a cause of vulvar vestibulitis.

Synthesis, characterization, and immunological properties in mice of conjugates composed of detoxified lipopolysaccharide of *Salmonella paratyphi A* bound to tetanus toxoid with emphasis on the role of O acetyls.

Decreased cerebral glucose utilization in rats during the ebb phase of thermal injury.

Iron deficiency and intestinal malabsorption in HIV disease.

Promotion of endometriosis by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats and mice: time-dose dependence and species comparison.

Exogenous catalase may potentiate oxidant-mediated lung injury in the female Sprague-Dawley rat.

Circulating interleukin-2 receptors are a group of multimeric proteins with immunoreactivity for interleukin-2 receptor alpha, beta, and gamma chains.

Incidence and time trends for lymphomas, leukemias and myelomas: hypothesis generation. Working Group on the Epidemiology of Hematolymphopoietic Malignancies in Italy.

Target-induced death by apoptosis in human lymphokine-activated natural killer cells.

Prenatal hormonal therapy improves pulmonary compliance in the nitrofen-induced CDH rat model.

The effect of intra-articular capsaicin on nerve fibres within the synovium of the rat knee joint.

Airborne pollutants and the immune system.

Immunity to the G1 globular domain of the cartilage proteoglycan aggrecan can induce inflammatory erosive polyarthritis and spondylitis in BALB/c mice but immunity to G1 is inhibited by covalently bound keratan sulfate in vitro and in vivo.

Cell cycle defect in connection with oxygen and iron sensitivity in Fanconi anemia lymphoblastoid cells.

Increased expression of intercellular adhesion molecule 1, CD11/CD18 cell surface adhesion glycoproteins and alpha 4 beta 1 integrin in a rat model of chronic interstitial lung fibrosis.

Type II collagen-induced autoimmune ear disease in mice: a preliminary report on an epitope of the type II collagen molecule that induced inner ear lesions.

Comparative epitope mapping of antibodies to collagen in women with silicone breast implants, systemic lupus erythematosus and rheumatoid arthritis.

Infection of human T lymphoid cells by human herpesvirus 6 is blocked by two unrelated protein tyrosine kinase inhibitors, biochanin A and herbimycin.

[Bladder neoplasms and cyclophosphamide. Apropos of 3 cases and review of the literature].

2,3,7,8-TCDD induces cytochrome P450 enzyme activity but not proliferation or phenotypical changes in human peripheral blood lymphocytes.

Heat shock response inhibits cytokine-inducible nitric oxide synthase expression in rat hepatocytes.

CD14-mediated signal pathway of Porphyromonas gingivalis lipopolysaccharide in human gingival fibroblasts.

Degradation of cross-linked fibrin by matrix metalloproteinase 3 (stromelysin 1): hydrolysis of the gamma Gly 404-Ala 405 peptide bond.

Bladder augmentation in the prevention of cyclophosphamide-induced haemorrhagic cystitis in the rat model.

Anti-herpes simplex virus activity of n-docosanol correlates with intracellular metabolic conversion of the drug.

Toxic equivalency factors of polybrominated dibenzo-p-dioxin, dibenzofuran, biphenyl, and polyhalogenated diphenyl ether congeners based on rainbow trout early life stage mortality.

Identification of a second Mycobacterium tuberculosis gene cluster encoding proteins of an ABC phosphate transporter.

Dioxin activates human immunodeficiency virus-1 expression in chronically infected promonocytic U1 cells by enhancing NF-kappa B activity and production of tumor necrosis factor-alpha.

Effects and mechanisms of environmental temperature on carp (Cyprinus carpio) anti-DNP antibody response and non-specific cytotoxic cell activity: a kinetic study.

Purification and partial characterization of an indomethacin hydrolyzing enzyme from pig liver.

Anti-inflammatory properties of human serum IgA: induction of IL-1 receptor antagonist and Fc alpha R (CD89)-mediated down-regulation of tumour necrosis factor-alpha (TNF-alpha) and IL-6 in human monocytes.

Aryl-hydrocarbon receptor-deficient mice are resistant to 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced toxicity.

Uptake of duck hepatitis B virus into hepatocytes occurs by endocytosis but does not require passage of the virus through an acidic intracellular compartment.

Effects of protein tyrosine kinase inhibitors on cytokine-induced adhesion molecule expression by human umbilical vein endothelial cells.

Application of a biologically-based RFD estimation method to tetrachlorodibenzo-p-dioxin (TCDD) mediated immune suppression and enzyme induction.

The effect of vapor polarity and boiling point on breakthrough for binary mixtures on respirator carbon.

Disulfide bond structure determination and biochemical analysis of glycoprotein C from herpes simplex virus.

Interleukin 4 or oncostatin M induces a prolonged increase in P-selectin mRNA and protein in human endothelial cells.

Role of tumor necrosis factor-alpha on mesangial cell MCP-1 expression and monocyte migration: mechanisms mediated by signal transduction.

Analysis of recombinant human tumour necrosis factor-alpha-induced CD4 expression on human eosinophils.

Transduction mechanisms involved in thrombin receptor-induced nerve growth factor secretion and cell division in primary cultures of astrocytes.

PLD activation in Chinese hamster ovary (CHO) cells transfected with PGF2 alpha receptor cDNA.

Cell kinetics of repair after allyl alcohol-induced liver necrosis in mice.

Persistence of decreased T-helper cell function in industrial workers 20 years after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Dynamic production of tumour necrosis factor-alpha (TNF-alpha) messenger RNA, intracellular and extracellular TNF-alpha by murine macrophages and possible association with protein tyrosine phosphorylation of STAT1 alpha and ERK2 as an early signal.

src-related tyrosine kinases regulate transcriptional activation of the interstitial collagenase gene, MMP-1, in interleukin-1-stimulated synovial fibroblasts.

Triphenyltin acetate toxicity: a biochemical and ultrastructural study on mouse thymocytes.

TNF-alpha participates in an IgE-mediated cutaneous reaction in mast cell deficient, WBB6F1-W/Wv mice.

Role of tyrosine kinases, protein kinase C, and protein kinase A in the regulation of interferon-alpha production induced by herpes simplex virus type 1.

Signaling by hemolytically inactive C5b67, an agonist of polymorphonuclear leukocytes.

Detection of non-steroidal anti-inflammatory drugs in equine plasma and urine by gas chromatography-mass spectrometry.

[Purification of the natural 24kd (P24) of the type-1 human immunodeficiency virus (HIV-1) using immunoaffinity].

[The effect of Cd²⁺ on the respiration and swelling of isolated rat liver mitochondria in incubation media of different compositions].

Role of cell surface glycosaminoglycans of human T cells in human immunodeficiency virus type-1 (HIV-1) infection.

Anisoosmotic regulation of hepatic gene expression.

Involvement of tyrosine phosphorylation in endothelial adhesion molecule induction.

Effects of the nonsteroidal anti-inflammatory drug piroxicam on rat liver mitochondria.

Modulation of chemical-induced lung and liver toxicity by all-trans-retinol in the male Sprague-Dawley rat.

Effect of glutathione depletion on metallothionein synthesis induced by paraquat in mice.

Heterologous expression of selenium-dependent glutathione peroxidase affords cellular resistance to paraquat.

Cyanamide-associated alcoholic liver disease: a sequential histological evaluation.

The role of free radicals in paraquat-induced corneal lesions.

Chelation of organoarsenate with dimercaptosuccinic acid.

On the effects of paraquat on isolated mitochondria. Evidence that paraquat causes opening of the cyclosporin A-sensitive permeability transition pore synergistically with nitric oxide.

Lung damage in paraquat poisoning and hyperbaric oxygen exposure: superoxide-mediated inhibition of phospholipase A2.

Fate and effects of acrolein.

Pulmonary damage due to paraquat poisoning through skin absorption.

[New legislation from the Politique Agricole Commune passed in 1994 and its impact on the spread of ragweed. The public health laws are the responsibility of the mayor, the health department, the General Council and the State Council].

[The campaign against the spread of ragweed: the Quebec model].

[A microtitration variant of the latex agglutination reaction in the diagnosis of leprosy].

Induction of heat shock protein 72 prevents neutrophil-mediated human endothelial cell necrosis.

Skin irritation in man: a comparative bioengineering study using improved reflectance spectroscopy.

Anti-collagen antibodies in systemic sclerosis and in primary Raynaud's phenomenon.

Cryptosporidiosis at ICAAC.

[Comparative study on pharmacological effects of various species of Pueraria].

Purification and identification of mouse lung microvessel endothelial cell-derived chemoattractant for lung-metastasizing murine RAW117 large-cell lymphoma cells: identification as mouse monocyte chemotactic protein 1.

Identification and characterization of a major tolerogenic T-cell epitope of type II collagen that suppresses arthritis in B10.RIII mice.

Expression of cytokine mRNA in human melanoma tissues.

Induction of macrophage procoagulant activity by murine hepatitis virus strain 3: role of tyrosine phosphorylation.

Immunologic effects of background prenatal and postnatal exposure to dioxins and polychlorinated biphenyls in Dutch infants.

Role of lipopolysaccharide and tumor necrosis factor-alpha in induction of hepatocyte necrosis.

Serum erythropoietin levels in patients with severe anemia secondary to inflammatory bowel disease and the use of recombinant human erythropoietin in patients with anemia refractory to treatment.

Integrin-mediated tyrosine phosphorylation and cytokine message induction in monocytic cells. A possible signaling role for the Syk tyrosine kinase.

Immunomodulatory effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin tested by the popliteal lymph node assay.

The efficacy of erythropoietin in human immunodeficiency virus-infected end-stage renal disease patients treated by maintenance hemodialysis.

Triclosan inhibits histamine-induced inflammation in human skin.

Alternative models for low dose-response analysis of biochemical and immunological endpoints for tetrachlorodibenzo-p-dioxin.

The role of protein kinase in human synovial fibroblast growth.

Hepatic microsomal ethoxyresorufin O-deethylase-inducing potency in ovo and cytosolic Ah receptor binding affinity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: comparison of four avian species.

Induction of endometriosis in mice: a new model sensitive to estrogen.

Localization of porcine cardiac myosin epitopes that induce experimental autoimmune myocarditis.

Resinifying therapy in endodontics. A clinical and radiological evaluation.

Presentation of cartilage proteoglycan to a T cell hybridoma derived from a mouse with proteoglycan-induced arthritis.

Antibody reactivity to mycobacterial 65 kDa heat shock protein: relevance to autoimmunity.

Treatment of Philadelphia-chromosome-positive human leukemia in SCID mouse model with herbimycin A, bcr-abl tyrosine kinase activity inhibitor.

A morphological study of liver lesions in *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) with special reference to apoptosis of hepatocytes.

Image processing of 20 MHz B-scan recordings of irritant reactions.

Antioxidant effect of a Ginkgo biloba extract (EGb 761) on the retina.

Non-Hodgkin's lymphoma.

Analysis of the relationship between hemoglobin-oxygen affinity and lipid peroxidation during fever.

Identification of a cyanogen bromide fragment of porcine type II collagen capable of modulating collagen arthritis in B10.RIII (H-2r) mice.

Immunosuppressive potential of several polycyclic aromatic hydrocarbons (PAHs) found at a Superfund site: new model used to evaluate additive interactions between benzo[a]pyrene and TCDD.

Lung retention and bioavailability of arsenic after single intratracheal administration of sodium arsenite, sodium arsenate, fly ash and copper smelter dust in the hamster.

Tyrosine protein kinase inhibitors prevent activation of cardiac swelling-induced chloride current.

Sequential activation of MAP kinase cascade by angiotensin II in opossum kidney cells.

Use of Mishell-Dutton culture for the detection of the immunosuppressive effect of iron-containing compounds.

Inhibition of tumor necrosis factor activity fails to restore 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced suppression of the antibody response to sheep red blood cells.

N-acetylcysteine pretreatment attenuates paraquat-induced lung leak in rats.

Kinetics of plasma membrane and mitochondrial alterations in cells undergoing apoptosis.

Evaluation of the significance of polyamines and their oxidases in the aetiology of human cervical carcinoma.

Effects of fluoride and cholera and pertussis toxins on sensory transduction in the carotid body.

Comparative assessment of metabolic enzyme levels in macrophage populations of the F344 rat.

Structural analysis of the oligosaccharides derived from glycodefin, a human glycoprotein with potent immunosuppressive and contraceptive activities.

GRO is Chemotactic for Human Intestinal Intraepithelial Lymphocytes.

Purification and application of a single-chain Fv antibody fragment specific to hepatitis B virus surface antigen.

Impaired cellular immune response in harbour seals (*Phoca vitulina*) feeding on environmentally contaminated herring.

Cyclophosphamide: review of its mutagenicity for an assessment of potential germ cell risks.

Immunosuppressive activity of polychlorinated biphenyl mixtures and congeners: nonadditive (antagonistic) interactions.

A novel type of cell death of lymphocytes induced by a monoclonal antibody without participation of complement.

A peptide, ALTTE, within the fimbrial subunit protein from *Porphyromonas gingivalis*, induces production of interleukin 6, gene expression and protein phosphorylation in human peripheral blood mononuclear cells.

Site-specific crosslinking of 4-thiouridine-modified human tRNA(3Lys) to reverse transcriptase from human immunodeficiency virus type I.

Inhibition of viral replication by nitric oxide and its reversal by ferrous sulfate and tricarboxylic acid cycle metabolites.

Halogenated aromatic hydrocarbon-induced suppression of the plaque-forming cell response in B6C3F1 splenocytes cultured with allogenic mouse serum: Ah receptor structure activity relationships.

Dioxin activates HIV-1 gene expression by an oxidative stress pathway requiring a functional cytochrome P450 CYP1A1 enzyme.

Suppression of cytotoxic T lymphocyte activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin occurs in vivo, but not in vitro, and is independent of corticosterone elevation.

Hydrogen peroxide induces microvilli on human retinal pigment epithelial cells in culture.

Proliferative capacity of marmoset lymphocytes after tetanus vaccination and lack of 2,3,7,8-tetrachlorodibenzo-p-dioxin to reduce a booster effect.

Chlorinated dibenzo-p-dioxins and dibenzofurans and the human immune system. 2. In vitro proliferation of lymphocytes from workers with quantified moderately-increased body burdens.

BW-755C diminishes smoke-induced pulmonary edema.

Toxicology of methyl bromide.

Atypical apoptotic cell death induced in L929 targets by exposure to tumor necrosis factor.

Analysis of whole-blood cyclosporin G by liquid chromatography in renal transplant recipients.

Mechanisms controlling nitric oxide synthesis in osteoblasts.

[Pathologic characteristics of diffuse alveolar damage induced by paraquat in rat lungs].

Nitric oxide as a mediator of oxidant lung injury due to paraquat.

Cyclooxygenase and lipoxygenase inhibition by BW-755C reduces acrolein smoke-induced acute lung injury.

Paraquat poisoning by skin absorption: report of two cases.

Interactions of herbicides 2,4-D and dinoseb with liver mitochondrial bioenergetics.

Remodeling of the alveolar structure in the paraquat lung of humans: a morphometric study.

[Allergic diseases caused by pesticides: 3 case reports].

Regulation of antioxidant enzymes in lung after oxidant injury.

Characterization of the capsaicin-sensitive component of cyclophosphamide-induced inflammation in the rat urinary bladder.

Acute intramuscular injection of oils or the oleic acid component protects mice against paraquat lethality.

Effect of Tordon 2,4-D 64/240 triethanolamine BR on the energy metabolism of rat liver mitochondria.

Histochemical demonstration of hydrogen peroxide production by leukocytes in fixed-frozen tissue sections of inflammatory lesions.

Effect of in vivo desensitization to leukotriene B₄ on eosinophil infiltration in response to C5a in guinea-pig skin.

Antibodies to collagen: comparative epitope mapping in women with silicone breast implants, systemic lupus erythematosus and rheumatoid arthritis.

[Respiratory disease in the tertiary emergency hospital].

[Mechanisms for cell damage in acute pancreatitis using isolated acinar cells].

[Erythropoietin].

T cell regulation of collagen-induced arthritis in mice. III. Is T cell vaccination a valuable therapy?

Tyrosine kinase activation by Newcastle disease virus is required for TNF- α gene induction in astrocytes.

Menière's disease: role of antibodies against basement membrane antigens.

Selective closure of the vascular bed of an experimental glioma model during in situ saline perfusion.

Reaction of inflamed periapical tissue to intracanal medicaments and root canal sealers.

A case of germinal center formation by CD45RO T and CD20 B lymphocytes in rheumatoid arthritic subchondral bone: proposal for a two-compartment model of immune-mediated disease with implications for immunotherapeutic strategies.

Swine testis cells contain functional heparan sulfate but are defective in entry of herpes simplex virus.

Analgesic effects of callus culture extracts from selected species of *Phyllanthus* in mice.

Echographic evaluation with image analysis of irritant reactions induced by nonanoic acid and hydrochloric acid.

Acute inflammatory response to sheep red blood cells in mice treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin: the role of proinflammatory cytokines, IL-1 and TNF.

CD40 signaling pathway: anti-CD40 monoclonal antibody induces rapid dephosphorylation and phosphorylation of tyrosine-phosphorylated proteins including protein tyrosine kinase Lyn, Fyn, and Syk and the appearance of a 28-kD tyrosine phosphorylated protein.

Coxsackievirus B3 infection alters the uptake of 2,3,7,8-tetrachlorodibenzo-p-dioxin into various tissues of the mouse.

[SMANCS/lipiodol].

Post mortem diagnosis of *Mycobacterium bovis* infection in cattle.

Anaemia, iron deficiency and malaria in a rural community in Brazilian Amazon.

[The mechanism of articular cartilage degeneration in osteoarthritis].

Identification of antibody epitopes in the CB-11 peptide of bovine type II collagen recognized by sera from arthritis-susceptible and -resistant rhesus monkeys.

Monitoring biological effects of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in great blue heron chicks (*Ardea herodias*) in British Columbia.

Identification of heat shock proteins binding to an immunodominant uveitopathogenic peptide of IRBP.

Y2 receptors for neuropeptide Y are coupled to three intracellular signal transduction pathways in a human neuroblastoma cell line.

Clofazimine alters the energy metabolism and inhibits the growth rate of a human lung-cancer cell line in vitro and in vivo.

Characterization of the T cell determinants in the induction of autoimmune arthritis by bovine alpha 1(II)-CB11 in H-2q mice.

Increased native chemiluminescence in granulocytes isolated from synovial fluid and peripheral blood of patients with rheumatoid arthritis.

The induction of persistence of I-A expression by macrophages from Bcgr mice occurs via a protein kinase C-dependent pathway.

Regulation of the BZLF1 promoter of Epstein-Barr virus by second messengers in anti-immunoglobulin-treated B cells.

Developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the most TCDD-resistant and -susceptible rat strains.

Human intestinal alkaline phosphatase-binding IgG in patients with severe bacterial infections.

Histochemical demonstration of free radicals (H₂O₂) in ischemic brain edema and protective effects of human recombinant superoxide dismutase on ischemic neuronal damage.

Combining estimates of the odds ratio: the state of the art.

The rice culture filtrate of *Bacillus cereus* isolated from emetic-type food poisoning causes mitochondrial swelling in a HEP-2 cell.

Hodgkin's and non-Hodgkin's lymphomas.

Purification of NADPH-dependent dehydroascorbate reductase from rat liver and its identification with 3 alpha-hydroxysteroid dehydrogenase.

Lipid peroxidation and chemiluminescence during naproxen metabolism in rat liver microsomes.

Influence of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on TNF-alpha levels in the skin of congenic haired and hairless mice.

Induction in vitro of 72-kD heat shock protein in a continuous culture of rat thyroid cells, FRTL5.

Genistein reduces tumor necrosis factor alpha-induced plasminogen activator inhibitor-1 transcription but not urokinase expression in human endothelial cells.

Characterisation of oxidative injury to an intestinal cell line (HT-29) by hydrogen peroxide.

Heat shock-induced cell death in murine microvascular endothelial cells depends on priming with tumor necrosis factor-alpha or interferon-gamma.

Effect of rate of intracellular transport and diacytosis on cytotoxicity of hybrid toxins. Study with hybrids using hepatic asialoglycoprotein receptor-mediated endocytosis.

Inhibitory effects of calcium antagonists on mitochondrial swelling induced by lipid peroxidation or arachidonic acid in the rat brain in vitro.

Role of neutrophils and nitric oxide in lung alveolar injury from smoke inhalation.

Pathological findings in rabbits and sheep following the subacute administration of triphenyltin acetate.

A volume-activated taurine channel in skate hepatocytes: membrane polarity and role of intracellular ATP.

Human growth hormone increases cytosolic free calcium in cultured human IM-9 lymphocytes: a novel mechanism of growth hormone transmembrane signalling.

Specificity of antibodies to type II collagen in early rheumatoid arthritis.

VIP enhances and nitric oxide synthase inhibitor reduces survival of rat lungs perfused ex vivo.

Stimulation of collagen alpha 1(I) gene expression is associated with lipid peroxidation in hepatocellular injury: a link to tissue fibrosis?

The interaction of immunosuppressive compounds in tandem stimulated peripheral human lymphocytes.

Acetylsalicylate (ASA)-induced mitochondrial dysfunction and its potentiation by Ca²⁺.

Effects of oxidative stress on expression of extracellular superoxide dismutase, CuZn-superoxide dismutase and Mn-superoxide dismutase in human dermal fibroblasts.

Serum modulation of the effects of TCDD on the in vitro antibody response and on enzyme induction in primary hepatocytes.

NTP Toxicology and Carcinogenesis Studies of o-Benzyl-p-Chlorophenol (CAS No. 120-32-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Lack of direct immunosuppressive effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on human peripheral blood lymphocyte subsets in vitro.

Dioxin-enhanced expression of interleukin-1 beta in human epidermal keratinocytes: potential role in the modulation of immune and inflammatory responses.

[The place of pentachlorophenol in general medicinal practice].

Human pentachlorophenol poisoning.

Viral infections and chemical exposures as risk factors for hepatocellular carcinoma in Vietnam.

Phototoxic contact dermatitis with toxic hepatitis due to the percutaneous absorption of paraquat.

The pneumotoxicant paraquat induces IL-8 mRNA in human mononuclear cells and pulmonary epithelial cells.

The toxicologic interactions resulting from inhalation of carbon black and acrolein on pulmonary antibacterial and antiviral defenses.

Parkinson's disease: a test of the multifactorial etiologic hypothesis.

N-acetylcysteine delays the infiltration of inflammatory cells into the lungs of paraquat-intoxicated rats.

Acrolein increases airway sensitivity to substance P and decreases NEP activity in guinea pigs.

[Intoxications by a weedkiller preparation containing glyphosate].

Toxicological and immune findings in workers exposed to pentachlorophenol (PCP).

Community exposure to a paraquat drift.

Protective role for neuropeptides in acute pulmonary response to acrolein in guinea pigs.

Methoxyacetaldehyde, an intermediate metabolite of 2-methoxyethanol, is immunosuppressive in the rat.

PGI₂ production and angiotensin converting enzyme activity in cultured porcine pulmonary artery endothelial cells treated with paraquat.

Superoxide dismutase activity of *Mycobacterium avium* complex (MAC) strains isolated from AIDS patients.

Differential patterns of epidermal leukocyte infiltration in patch test reactions to structurally unrelated chemical irritants.

Isomer-specific analysis and toxic evaluation of polychlorinated biphenyls in striped dolphins affected by an epizootic in the western Mediterranean sea.

AIDS and agricultural production. Report of a land utilization survey, Masaka and Rakai districts of Uganda.

Liver damage due to free radicals.

T cell epitopes of type II collagen that regulate murine collagen-induced arthritis.

Increased formation of 8-hydroxydeoxyguanosine, an oxidative DNA damage, in lymphoblasts from Fanconi's anemia patients due to possible catalase deficiency.

Inhibitory effects of alpha- and beta-carotene on croton oil-induced or enzymatic lipid peroxidation and hydroperoxide production in mouse skin epidermis.

Environmental antecedents of young-onset Parkinson's disease.

An acute model for IgA-mediated glomerular inflammation in rats induced by monoclonal polymeric rat IgA antibodies.

Increased serum catalase activity in rats subjected to thermal skin injury.

Calcium ions are required for cell fusion mediated by the CD4-human immunodeficiency virus type 1 envelope glycoprotein interaction.

Prevention of experimental autoimmune arthritis with a peptide fragment of type II collagen.

Quantitative immunoassays for type II collagen and its cyanogen bromide peptides.

Cell-surface heparan sulfate proteoglycan mediates HIV-1 infection of T-cell lines.

Teratogenicity and immunotoxicity of 3,3',4,4',5-pentachlorobiphenyl in C57BL/6 mice.

Chronic arsenicism: criminal poisoning or drug-intoxication? Report of two cases.

Microinjection of a monoclonal antibody against SPN antigen, now identified by peptide sequences as the NuMA protein, induces micronuclei in PtK2 cells.

Skin dendritic cell-lymphocyte interactions in autologous system.

Lactoferrin co-purifies with myeloperoxidase and is recognised by anti-neutrophil cytoplasm antibodies.

T-cell activation influences initial DNA synthesis of simian immunodeficiency virus in resting T lymphocytes from macaques.

Cadmium induces interleukin-8 production in human peripheral blood mononuclear cells with the concomitant generation of superoxide radicals.

Singlet oxygen induces collagenase expression in human skin fibroblasts.

The effect of cytoplasmic domain mutations on membrane anchoring and glycoprotein processing of herpes simplex virus type 1 glycoprotein C.

Restricted transport of cyclosporin A across the blood-brain barrier by a multidrug transporter, P-glycoprotein.

Allyl compounds selectively killed human immunodeficiency virus (type 1)-infected cells.

Influence of some biological response modifiers on swelling of rat liver mitochondria in vitro.

Modulatory effect of hyperthermia on hepatic microsomal cytochrome P450 in mice.

Isolated human and rabbit eye: Models of corneal toxicity.

Tyrosyl radical generated by myeloperoxidase catalyzes the oxidative cross-linking of proteins.

Lipid peroxidation of the brush-border membrane: membrane physical properties and glucose transport.

Protein kinase C and protein tyrosine kinase activity contribute to mitogenic signaling by endothelin-1. Cross-talk between G protein-coupled receptors and pp60c-src.

NTP Toxicology and Carcinogenesis Studies of Pentachloroanisole (CAS No. 1825-21-4) in F344 Rats and B6C3F1 Mice (Feed Studies).

Acute inflammatory response to sheep red blood cell challenge in mice treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): phenotypic and functional analysis of peritoneal exudate cells.

Stimulatory effect of the CYP1A1 inducer 2,3,7,8-tetrachlorodibenzo-p-dioxin on the reproduction of HIV-1 in human lymphoid cell culture.

Stereoselective determination of the active metabolites of a new anti-inflammatory agent (CS-670) in human and rat plasma using antibody-mediated extraction and high-performance liquid chromatography.

The herpes simplex virus type 1 US11 gene product is a phosphorylated protein found to be non-specifically associated with both ribosomal subunits.

Dityrosine, a specific marker of oxidation, is synthesized by the myeloperoxidase-hydrogen peroxide system of human neutrophils and macrophages.

One-year toxicity of orally administered acrolein to the beagle dog.

Chronic liver injury in phenoxy herbicide-exposed Vietnam veterans.

Cutaneous toxicity and absorption of paraquat in porcine skin.

[Toxic and drug-induced lesions of the pulmonary parenchyma].

The acrolein cytotoxicity and cytoprotective action of alpha-tocopherol in primary cultured rat hepatocytes.

Acute toxicological studies on paraquat: pathological findings in beagle dogs following single subcutaneous injections.

Smoke aldehyde component influences pulmonary edema.

Morphological changes on nerves and histopathological effects on liver and kidney of rats by pentachlorophenol (PCP).

Mechanisms of aldehyde-induced bronchial reactivity: role of airway epithelium.

Cytogenetic effects of alachlor and/or atrazine in vivo and in vitro.

Lung injury induced by paraquat, hyperoxia and cobalt chloride: effects of ambroxol.

Fatal paraquat poisoning: a light microscopic study in eight autopsy cases.

Immunocytochemical observation of paraquat-induced alveolitis with special reference to class II MHC antigens.

The effect of Lasso herbicide on human immune function as measured by in vitro assays.

Microtiter particle agglutination test for diagnosis of leprosy.

Platelet prevention of oxidant lung oedema is not mediated through scavenging of hydrogen peroxide.

Selective eosinophil leukocyte recruitment by transendothelial migration and not by leukocyte-endothelial cell adhesion.

Pharmacologically active phenylpropanoids from *Senra incana*.

Preservation of keratin expression in oral mucosa using a novel transport medium.

Responses of vascular endothelial oxidant metabolism to lipopolysaccharide and tumor necrosis factor- α .

Coenzyme A esters of 2-aryloxyphenoxypropionate herbicides and 2-arylpropionate antiinflammatory drugs are potent and stereoselective inhibitors of rat liver acetyl-CoA carboxylase.

Case report: neuropathology of methyl bromide intoxication.

Evidence of a neurogenic component during IgE-mediated inflammation in mouse skin.

Mucosal reactive oxygen metabolite production in duodenal ulcer disease.

Inhibition of acute TCDD toxicity by treatment with anti-tumor necrosis factor antibody or dexamethasone.

Immunosuppressive therapy and acquired immunological disorders.

Cytochemical detection of superoxide in cerebral inflammation and ischemia in vivo.

Iron deficiency and anemia of chronic disease. Clues to differentiating these conditions.

Endoscopic treatment of vesicoureteral reflux with a self-detachable balloon system.

Collagen-induced arthritis in rats. Examination of the epitope specificities of circulating and cartilage-bound antibodies produced by outbred and inbred rats using cyanogen bromide-derived peptides purified from heterologous and homologous type II collagens.

A case of ulcerative colitis induced by oral ferrous sulfate.

Immunogenetics of collagen-induced arthritis in rats. Both MHC and non-MHC gene products determine the epitope specificity of immune response to bovine and chick type II collagens.

Type I keratinocyte transglutaminase: expression in human skin and psoriasis.

Chemiluminescence assay of mucosal reactive oxygen metabolites in inflammatory bowel disease.

Anti-Ro autoantibody with cross-reactive binding to the heavy chain of immunoglobulin G.

Hepatotoxicity and carcinogenicity in female Sprague-Dawley rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): a pathology working group reevaluation.

Modulation of type II collagen-induced arthritis in DBA/1 mice by intravenous application of a peptide from the C1q-A chain.

Epstein-Barr virus enters B cells and epithelial cells by different routes.

Relationship between thermal tolerance and protein degradation in temperature-sensitive mouse cells.

The role of occupational exposure and immunodeficiency in B-cell malignancies. Working Group on the Epidemiology of Hematolymphopoietic Malignancies in Italy.

Risk factors for adult soft tissue sarcoma in northern Italy.

Chemicals trophic for the thymus: risk for immunodeficiency and autoimmunity.

Integration of the human lymphocyte into immunotoxicological investigations.

Identification of thyroiditogenic epitope on porcine thyroid peroxidase for C57BL/6 mice.

[Phenazon metabolism in children with liver diseases].

[Problems and eradication of *Ambrosia artemisiifolia* L. in Quebec in the urban and suburban environments].

Permeation and destructive effects of disinfectants on protective gloves.

Identification, purification, and partial sequence analysis of autotaxin, a novel motility-stimulating protein.

Antioxidant activity of bronchoalveolar lavage fluid in the adult respiratory distress syndrome.

Metabolically dependent blood-brain barrier breakdown in chronic relapsing experimental allergic encephalomyelitis.

Fatal systemic poisoning after skin exposure to monochloroacetic acid.

Epitope specificity of antibodies to type II collagen in rheumatoid arthritis and systemic lupus erythematosus.

Clinical and cytologic aspects of ocular late-phase reaction in the guinea pig.

Amelioration of dermal lesions in streptozotocin-induced diabetic rats by aminoguanidine.

Amyloid enhancing factor activity is associated with ubiquitin.

Enhanced suppression of humoral immunity in DBA/2 mice following subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Siderophore production and membrane alterations by *Bordetella pertussis* in response to iron starvation.

Tiaprofenic acid-induced photohemolysis in vitro is inhibited by nimesulide.

IgE-mediated inhalant allergy in inhabitants of a building infested by the rice weevil (*Sitophilus oryzae*).

Antibody epitopes sensitive to the state of human immunodeficiency virus type 1 gp41 oligomerization map to a putative alpha-helical region.

Disulfide bond structure of glycoprotein D of herpes simplex virus types 1 and 2.

Use of multiple-cause mortality data in epidemiologic analyses: US rate and proportion files developed by the National Institute for Occupational Safety and Health and the National Cancer Institute.

Synergism among oxidants, proteinases, phospholipases, microbial hemolysins, cationic proteins, and cytokines.

Identification of genes encoding two capsid proteins (VP24 and VP26) of herpes simplex virus type 1.

The potentiation of 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity by tamoxifen in female CD1 mice.

Computer modelling of the transmembrane channel formed by a CNBr peptide of diphtheria toxin B fragment.

Participation of tyrosine phosphorylation in the cytopathic effect of human immunodeficiency virus-1.

[Use of 2,4-dinitrophenol for immunosuppressive action on the recipient in implantation of fetal organs in mice].

Taurine transport in skate hepatocytes. II. Volume activation, energy, and sulfhydryl dependence.

NTP Toxicology and Carcinogenesis Studies of Monochloroacetic Acid (CAS No. 79-11-8) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on benzo(a)pyrene hydroxylase activity in embryos of the Japanese medaka (*Oryzias latipes*).

[The effect of osmotic pressure on oligomycin-sensitive ATPase activity and the liberation of Mg²⁺ from liver mitochondria of rats of various ages].

Type I lipid photo-oxidation by the nonsteroidal anti-inflammatory drug suprofen: a possible key to its photosensitivity.

The upper respiratory tract: mucous membrane irritation.

Fructose 1,6-diphosphate augments paraquat injury in isolated dog lungs.

[Arachidonic acid metabolism and angiotensin converting enzyme activity by cultured porcine pulmonary artery endothelial cells are affected with paraquat].

Betamethasone effects on paraquat lung toxicity.

Immunological consequences of exposure to pentachlorophenol.

[Cholestatic hepatitis caused by cyanamide].

[The immunomorphological characteristics of a focal staphylococcal infection against a background of long-term exposure to low doses of simazine].

Taiwan National Poison Center survey of glyphosate--surfactant herbicide ingestions.

Effects of 2,4,5-trichlorophenoxyacetic acid, pentachlorophenol, methylprednisolone, and Freund's adjuvant on 2-hydroxyethylnitrosourea carcinogenesis in MRC-Wistar rats.

[Ultrastructural changes in the adenohypophysis-thyroid system in chronic poisoning by the herbicide linuron].

Acute poisoning with a glyphosate-surfactant herbicide ('Roundup'): a review of 93 cases.

[Morphological evidence of the possible role of cytochrome P-450 in the development of an autoimmune process in the liver].

Uptake and metabolism of iodine is crucial for the development of thyroiditis in obese strain chickens.
[Chemical and biochemical studies on reactivities, formations and toxicities of reactive oxygen species].

Induction of NAD(P)H:quinone reductase in human peripheral blood lymphocytes.

The degradation of type II collagen in rheumatoid arthritis: an immunoelectron microscopic study.

Induction of hepatic metallothionein by nonmetallic compounds associated with acute-phase response in inflammation.

Great Lakes embryo mortality, edema, and deformities syndrome (GLEMEDS) in colonial fish-eating birds: similarity to chick-edema disease.

Molecular mechanism of drug photosensitization. Part 3. Photohemolysis sensitized by diflunisal.

Ninety day toxicity study of chloroacetic acids in rats.

A continuously rotating passive agglutination method using rapidly precipitable latex particles and its application.

Ah receptor mediating induction of cytochrome P450IA1 in a novel continuous human liver cell line (Mz-Hep-1). Detection by binding with [3H]2,3,7,8-tetrachlorodibenzo-p-dioxin and relationship to the activity of aryl hydrocarbon hydroxylase.

Scanning electron microscopic observations on muscle cells of experimental mitochondrial myopathy produced by 2, 4-dinitrophenol.

In-vivo epidermal nuclear reactions: a selective process.

Heat treatment induces an increase in intracellular cyclic AMP content in human epidermoid A-431 cells.

Mechanisms of disruption of the articular cartilage surface in inflammation. Neutrophil elastase increases availability of collagen type II epitopes for binding with antibody on the surface of articular cartilage.

[Intestinal obstruction caused by non-absorbable tablets and Budd-Chiari syndrome in a patient with Crohn's disease].

Engraftment and development of human T and B cells in mice after bone marrow transplantation.

Comparison of 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated hepatotoxicity in C57BL/6J and DBA/2J mice.

Washed human platelets prevent ischemia-reperfusion edema in isolated rabbit lungs.

Dioxin contamination and growth and development in great blue heron embryos.

Oxidation of articular cartilage glyceraldehyde-3-phosphate dehydrogenase (G3PDH) occurs in vivo during carrageenin-induced arthritis.

Histological study of therapy for infected nonvital permanent teeth with incompletely formed apices.

Reversibility of thymic atrophy induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and bis(tri-n-butyltin)oxide (TBTO).

[Role of collagen conformation in type II anticollagen immunity in rheumatoid polyarthritis].

Tear volume in early and late phases of ocular anaphylaxis in guinea pigs.

Intra- and inter-individual variations in cornified envelope peptide composition in normal and psoriatic skin.

Structure-function studies of S-antigen: use of proteases to reveal a dominant uveitogenic site.

Identification of antibody epitopes within the CB-11 peptide of type II collagen. II. Computer modelling studies of peptides and the interpretation of epitope scanning results.

Identification of antibody epitopes within the CB-11 peptide of type II collagen. I: Detection of antibody binding sites by epitope scanning.

Diversity of the immune response to bovine type II and XI collagens in rats.

Suppression of type II collagen-induced arthritis by monoclonal antibodies.

On the mechanism of action of interferons: interaction with nonsteroidal anti-inflammatory agents, pentoxifylline (Trental) and cGMP inducers.

Morphological changes of isolated rat liver mitochondria during Fe²⁺/ascorbate-induced peroxidation and the effect of thiocitacid.

Evaluation of potential chemoprotectants against microcystin-LR hepatotoxicity in mice.

Characterization of fusion from without induced by herpes simplex virus.

Toxic interactions in the rat nose: pollutants from soiled bedding and methyl bromide.

Polyhalogenated dibenzo-p-dioxins and dibenzofurans and the immune system. 3. No immunosuppressive effect of 2,3,7,8-TCDD in the popliteal lymph node assay (PLNA) in rats.

Primary structure of the catalytic subunit of calf thymus DNA polymerase delta: sequence similarities with other DNA polymerases.

Effect of endocytic and metabolic inhibitors on the internalization and intracellular growth of *Brucella abortus* in Vero cells.

NTP Toxicology and Carcinogenesis Studies of Sodium Azide (CAS: 26628-22-8) in F344 Rats (Gavage Studies).

Inhibition of human immunodeficiency virus type-1-induced syncytium formation and cytopathicity by complestatin.

[Oxidative activity and Delta(Psi) of liver mitochondria of active and hibernating ground squirrels during various incubation conditions].

Uptake of glutathione by renal cortical mitochondria.

Evidence for arsenic as the immunosuppressive component of gallium arsenide.

Expression of the core antigen gene of hepatitis B virus (HBV) in *Acetobacter methanolicus* using broad-host-range vectors.

Effects of environmental toxins on lymphocyte function: studies in rhesus and man.

Role of eicosanoids, inositol phosphates and extracellular Ca²⁺ in cell-volume regulation of rat liver.

Protection by human serum from the immunosuppression induced by spermine in vitro.

Halogenated aryl hydrocarbon-induced suppression of the in vitro plaque-forming cell response to sheep red blood cells is not dependent on the Ah receptor.

Complete amino acid sequence of the FK506 and rapamycin binding protein, FKBP, isolated from calf thymus.

Lichen planus-like eruption with esophageal involvement as a result of cyanamide.

Biochemical alterations in skeletal muscle induced by 2,4-dichlorophenoxyacetic butyl ester during chick embryonic development.

Toxicity of lindane, atrazine, and deltamethrin to early life stages of zebrafish (*Brachydanio rerio*).

[An immunological and morphological study of focal staphylococcal infection against a background of long-term exposure to the herbicide linuron].

[Scanning electron microscopic study of rat lungs in experimental chronic paraquat poisoning].

[The immunomorphological characteristics of prolonged exposure to the herbicide linuron].

[Free radicals in industrial medicine: their mechanisms of toxicity and biological relevance].

Ground-glass hepatocytes: light and electron microscopy. Characterization of the different types.

[Functional testing of the immunotoxicity of the phenoxyalkane acid mecoprop in rats and prevention of immunotoxic effects by adrenalectomy].

Chronic toxicity and oncogenicity of picloram in Fischer 344 rats.

Involvement of prostaglandins in paraquat intoxication.

[Pulmonary lesion of paraquat poisoning on high resolution CT].

Initial accumulation of paraquat in the heart leading to acute death.

Inhibition of lung damage caused by paraquat with lymphokines or cytokines.

Oxygen radicals in lung pathology.

Role of sulfidopeptide leukotrienes in synthetic smoke inhalation injury in sheep.

Derecruitment of filtration surface area in paraquat-injured isolated dog lungs.

Co-existence of hepatocyte ground-glass inclusions from several causes.

Mechanisms of in vitro immunosuppression by hepatocyte-generated cyclophosphamide metabolites and 4-hydroperoxycyclophosphamide.

[Analysis of musk rheumatic oil by GC/FTIR].

Hydrogen peroxide-induced alterations in prostaglandin secretion in the rat colon in vitro.

Arachidonic acid metabolism by dioxin-induced cytochrome P-450: a new hypothesis on the role of P-450 in dioxin toxicity.

Towards a more effective management of pregnancy related anaemias in Africa.

End-tidal CO₂, CO₂ production, and O₂ consumption as early indicators of approaching hyperthermia.

Human HLA-DR beta gene hypervariable region homology in the biobreeding BB rat: selection of the diabetic-resistant subline as a rheumatoid arthritis research tool to characterize the immunopathologic response to human type II collagen.

Specificity of antibodies to type II collagen in rheumatoid arthritis.

Human immunodeficiency virus I-induced expression of P-glycoprotein.

[Excretion of phenol and p-cresol in the urine in fasting obese individuals and in persons treated with total enteral nutrition].

Photosensitizing potential of benzanthrone.

Late pulmonary allergic responses in actively but not passively IgE-sensitized rats.

Diversity of antibodies to type II collagen in patients with rheumatoid arthritis: detection by binding to alpha-chains and to cyanogen bromide peptides.

Influence of the Ah locus on the humoral immunotoxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: evidence for Ah-receptor-dependent and Ah-receptor-independent mechanisms of immunosuppression.

Differential toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C57BL/6J mice congenic at the Ah Locus.

Intraabdominal sepsis: effects on polymorphonuclear leukocyte Fc receptor-mediated phagocytosis.

Identification of cytochrome P450IA2 as a human autoantigen.

Stable expression of mouse Cyp1a1 and human CYP1A2 cDNAs transfected into mouse hepatoma cells lacking detectable P450 enzyme activity.

Isoproterenol-induced maximal heart rate in normothermic and hyperthermic horses.

Decreased survival rate of pancreatic acinar cells isolated from rats with acute pancreatitis.

Molecular cloning of a cDNA encoding a major pathogenic domain of the Heymann nephritis antigen gp330.

Risk factors for squamous cell carcinoma of the skin in Saskatchewan, Canada.

Histological examination of the temporal bone in medicolegal cases of asphyxia.

Ibuprofen, a putative anti-cataract drug, protects the lens against cyanate and galactose.

Neurogenic inflammation, vascular permeability, and mast cells. Capsaicin desensitization fails to influence IgE-anti-DNP induced vascular permeability in rat airways.

Antibodies to type II collagen in SLE: a role in the pathogenesis of deforming arthritis?

Unintentional methyl bromide gas release--Florida, 1988.

Cornified envelopes in congenital disorders of keratinization.

The antioxidative properties of carnosine and other drugs.

Cross-antigenicity between the major surface proteins (ospA and ospB) and other proteins of *Borrelia burgdorferi*.

Simulation of aspects of ischemia in cell culture: changes in lactate compartmentation.

Inhibition of lipoxygenase of rat dental pulp and human platelets by phenolic dental medicaments.

Local mechanical oscillations of the cell surface within the range 0.2-30 Hz.

A new perspective of S-antigen from immunochemical analysis.

Lung injury in Fischer but not Sprague-Dawley rats after short-term hyperoxia.

[Effect of inflammatory mediators on respiration in rat liver mitochondria].

Prothymocyte activity is reduced by perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Drug-induced esophageal injury. Histopathological study in a rabbit model.

Reduction of phosphate-induced dysfunction in rat heart mitochondria by carnitine.

Lysis of fibrillar collagen by neutrophils in synovial fluid. A role for surface-bound immunoglobulins.

Comparison of the intoxication pathways of tumor necrosis factor and diphtheria toxin.

[Ifosfamide-induced urinary bladder lesion and its inhibition by mesna].

Flow cytometric analysis of lymphocyte subpopulations in the spleen and thymus of mice exposed to an acute immunosuppressive dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

[Morphofunctional status of blood and bone marrow cells in acute experimental hepatitis induced by allyl alcohol].

Expression and biochemical characterization of human immunodeficiency virus type 1 nef gene product.

Immunosuppressive activities of polychlorinated biphenyls in C57BL/6N mice: structure-activity relationships as Ah receptor agonists and partial antagonists.

Characteristics of histamine release from rat mast cells induced by a bracken toxin, braxin A1.

Respiratory inhibitors and uncouplers prevent the aeration-induced increase in mitochondrial anion conductivity.

NTP Toxicology and Carcinogenesis Studies of Iodinated Glycerol (Organidin(R).) (CAS No. 5634-39-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Arrangement of disulfide bridges and positions of sulfhydryl groups in tetanus toxin.

Herpes simplex virus type 1 ribonucleotide reductase: selective and synergistic inactivation by A1110U and its iron complex.

Isolation and sequencing of NOP1. A yeast gene encoding a nucleolar protein homologous to a human autoimmune antigen.

Use of the acyl azide method for cross-linking collagen-rich tissues such as pericardium.

Dioxin levels in adipose tissues of hospitalized women living in the south of Vietnam in 1984-89 with a brief review of their clinical histories.

Effect of PO₂ and metabolic inhibitors on ionic fluxes across the isolated rabbit corneal endothelium.

Structure and interaction with model membranes of a CNBR peptide of diphtheria toxin B fragment.

[The effect of 2,3,7,8-tetrachlorodibenzo-para-dioxin on the reproduction of human immunodeficiency virus in lymphoid cell cultures].

Multiple, spatially distinct T cell epitopes within a pathogenic 123 residue cyanogen bromide peptide of bovine retinal s-antigen.

Effect of herbicide banvel on rabbit vaginal mucus membrane.

Acute health effects of community exposure to cotton defoliants.

[Photoallergic dermatitis caused by the herbicide phenmedipham].

Total exclusion from external respiration protects lungs from development of fibrosis after paraquat intoxication.

[Hepatotoxicity induced by cyanamide. A review of the anatomicopathological changes apropos a case].

Contact stomatitis caused by toothpaste.

Bronchial artery ligation modifies pulmonary edema after exposure to smoke with acrolein.

[A clinical study of pulmonary edema on paraquat poisoning by double indicator dilution method using heat and sodium].

[Paraquat poisoning. Pulmonary lesions].

The effects of 24% paraquat (1,1'-dimethyl-4,4'-bipyridylium dichloride) on hemodynamics, blood gases, plasma lactate and plasma catecholamines in dogs.

[Paraquat poisoning: clinical and anatomopathologic aspects in 3 cases].

[Lung changes in rats under the action of paraquat and the importance of antioxidants].

An evaluation of purified reconstituted type 1 collagen fibers.

Experimental pulmonary fibrosis induced by paraquat plus oxygen in rats: a morphologic and biochemical sequential study.

Bronchial responsiveness and inflammation in guinea pigs exposed to acrolein.

Chromatographic approaches to the quality control of chiral propionate anti-inflammatory drugs and herbicides.

Identification of an immunosuppressive epitope of type II collagen that confers protection against collagen-induced arthritis.

Pattern of humoral reactivity to type II collagen in rheumatoid arthritis.

Epidermal damage induced by irritants in man: a light and electron microscopic study.

[Noncirrhotic liver fibrosis after chronic arsenic poisoning].

Identification of T cell recognition sites in S-antigen: dissociation of proliferative and pathogenic sites.

Collagen types and matrix protein content in human abdominal aortic aneurysms.

Prediction and evaluation of the effect of iron treatment in anaemic RA patients.

Characteristics of 2,3,7,8-tetrachlorodibenzo-p-dioxin induced endotoxin hypersensitivity: association with hepatotoxicity.

Sex-linked differences in susceptibility of cynomolgus monkeys to type II collagen-induced arthritis. Evidence that epitope-specific immune suppression is involved in the regulation of type II collagen autoantibody formation.

[Rapid local oscillations of the surface of the human erythrocyte].

Chronic arsenicism with vitiligo, hyperthyroidism, and cancer.

Skin reactions to irritants assessed by non-invasive bioengineering methods.

Covalent structure of collagen. Amino acid sequence of an arthritogenic cyanogen bromide peptide from type II collagen of bovine cartilage.

Developmental toxicity of perfluorodecanoic acid in C57BL/6N mice.

The anti-inflammatory effects of phenolic dental medicaments as determined by mouse ear edema assay.

In vivo susceptibility of *Campylobacter pylori*.

Binding sites of attachment-inhibiting monoclonal antibodies and antibodies from patients on peptide fragments of the *Mycoplasma pneumoniae* adhesin.

[A case of remarkable bronchial stenosis due to aspiration of delayed-release iron tablet].

Carriage of *Staphylococcus aureus* and inflamed infusion sites with insulin-pump therapy.

Detection of activated lymphocyte subsets by fluorescence and MTT staining.

The epidemiology of non-Hodgkin's lymphoma in the north-east of Italy: a hospital-based case-control study.

Monitoring of genetic instability in subjects with increased risk of cancer.

Reproductive toxicity and pharmacokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin. 1. Effects of high doses on the fertility of male rats.

Oxygen free radicals and corneal endothelium.

Immunopharmacological studies on *Picrorhiza kurroa* Royle-ex-Benth. Part IV: Cellular mechanisms of anti-inflammatory action.

Multiple mutations in the variable region of the kappa light chains of three monoclonal human IgM with anti-myelin-associated glycoprotein activity.

Diacytosis of asialoglycoprotein in isolated hepatocytes is dependent on the structure of ligand and cellular distribution of the receptors.

Photolabeling of Glu-129 of the S-1 subunit of pertussis toxin with NAD.

Variable porosity of the mitochondrial inner membrane induced by energization.

Translocation of diphtheria toxin A-fragment to the cytosol. Role of the site of interfragment cleavage.

Seasonal variation of skin resistance to irritants.

Metabolism of phenol and hydroquinone to reactive products by macrophage peroxidase or purified prostaglandin H synthase.

Synthesis, cytotoxicity, and antiviral activity of certain 7-[(2-hydroxyethoxy)methyl]pyrrolo[2,3-d]pyrimidine nucleosides related to toyocamycin and sangivamycin.

Benzoyl peroxide interaction with mitochondria: inhibition of respiration and induction of rapid, large-amplitude swelling.

Perturbations of the immune system by xenobiotics.

Molecular cloning and characterization of protective outer membrane protein P.69 from *Bordetella pertussis*.

Characterization of the calmodulin-binding and of the catalytic domains of *Bordetella pertussis* adenylate cyclase.

NTP Toxicology and Carcinogenesis Studies of Two Pentachlorophenol Technical-Grade Mixtures (CAS No. 87-86-5) in B6C3F1 Mice (Feed Studies).

Interaction of human eosinophils or neutrophils with *Trypanosoma cruzi* in vitro causes bystander cardiac cell damage.

Efficiency of respirator canisters with methyl bromide.

Effects of immunosuppressive chemicals on lymphoid development in foetal thymus organ cultures.

The use of multiple endpoints to define the mechanism of action of reproductive toxicants and germ cell mutagens.

[Catalytic component of calmodulin-independent adenylate cyclase from bovine brain. Isolation and determination of partial amino acid sequence].

Cationic polyelectrolytes: potent opsonic agents which activate the respiratory burst in leukocytes.

Effect of cellular function inhibitors on the infection of Frp/3 cells by hepatitis A virus.

Identification of the main immunogenic region of retinal S-antigen: subordinate influence of MHC, IGH, species or strain differences on the specificity of the antibody response.

Health and reproductive outcomes among American Legionnaires in relation to combat and herbicide exposure in Vietnam.

Topical non-steroidal anti-inflammatory drugs inhibit non-immunologic immediate contact reactions.

Brain damage due to paraquat poisoning: a fatal case with neuropathological examination of the brain.

Radiotherapy for the treatment of pulmonary complications of paraquat poisoning.

Synthetic smoke with acrolein but not HCl produces pulmonary edema.

Adverse effects of (15S)-15-methyl-prostaglandin E1 in normal and paraquat-exposed rats.

N-acetylcysteine in paraquat toxicity: toxicological and histological evaluation in rats.

Pulmonary elastic fiber degradation in paraquat toxicity. An electron microscopic immunohistochemical study.

Protective role of sulfhydryl reagents in oxidant lung injury.

The effect of paraquat lung on mononuclear cells.

Enhancement of in vivo and in vitro murine immune responses by the cyclophosphamide metabolite acrolein.

Protective effect of alpha-human atrial natriuretic polypeptide (alpha-hANP) on chemical-induced pulmonary edema.

Spontaneous lung chemiluminescence upon paraquat administration.

The development of a C1q anti-C1q immunoabsorbent for removal of immune complexes from plasma.

Stimulation of interleukin-1 alpha and interleukin-1 beta release from human monocytes by cyanogen bromide peptides of type II collagen.

Chemically induced inflammation in rat oral mucosa.

Kappa/lambda immunoglobulin distribution in Graves' thyroid-stimulating antibodies. Simultaneous analysis of C lambda gene polymorphisms.

Demonstration and characterization of a transient arthritis in rats following sensitization of synovial mast cells with antigen-specific IgE and parenteral challenge with specific antigen.

Virucidal efficacy of physico-chemical treatments against coronaviruses and parvoviruses of laboratory animals.

Synthetic peptides derived from IRBP induce EAU and EAP in Lewis rats.

[Effects of traxanox sodium on experimental nasal allergy].

Morphological and biochemical characterization of the cornified envelopes from human epidermal keratinocytes of different origin.

Dermal dysplasia characterized by collagen disorder-related skin fragility in a cow.

Skin lesions due to exposure to methyl bromide.

An immunotoxicological evaluation of 4,4'-thiobis-(6-t-butyl-m-cresol) in female B6C3F1 mice. 1. Body and organ weights, hematology, serum chemistries, bone marrow cellularity, and hepatic microsomal parameters.

Synthesis and pharmacological screening of some new triazoles.

Toxicity and disposition of 2,3,4,7,8-pentachlorodibenzofuran (4PeCDF) in the rhesus monkey (*Macaca mulatta*).

Cyanogen bromide fragments of bovine interphotoreceptor retinoid-binding protein induce experimental autoimmune uveoretinitis in Lewis rats.

HIV infection and dioxin exposure: risk factors for Kaposi sarcoma and malignant lymphoma?

Catalase prevents increased lung vascular permeability during air emboli in unanesthetized sheep.

Perfluoro-n-decanoic acid: induction of peroxisomal beta-oxidation by a fatty acid with dioxin-like toxicity.

Effect of catalase on endotoxin-induced acute lung injury in unanesthetized sheep.

Altered elastin and collagen synthesis associated with progressive pulmonary hypertension induced by monocrotaline. A biochemical and ultrastructural study.

Immunosuppressive effects of dioxin in the development of Kaposi's sarcoma and non-Hodgkin's lymphoma.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in yellow perch (*Perca flavescens*).

Synthesis of ¹¹C-methylated inulin as a radiopharmaceutical for imaging brain edema and pulmonary edema.

[Multiple squamous cell cancer as a late effect following arsenic treatment of psoriasis].

Partial amino acid sequence analysis and variable subgroup determination (VH and VL) of a monoclonal rheumatoid factor derived from a rheumatoid arthritis patient.

Forestomach carcinogens: pathology and relevance to man.

NTP Toxicology and Carcinogenesis Studies of C.I. Acid Orange 3 (CAS No. 6373-74-6) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Heat-shock induction of the human immunodeficiency virus long terminal repeat.

Protective murine monoclonal antibodies to tetanus toxin.

Epitope mapping of bovine retinal S-antigen with monoclonal antibodies.

Crystal violet as an uncoupler of oxidative phosphorylation in rat liver mitochondria.

Evidence for immunoglobulin Fc receptor-mediated prostaglandin₂ and platelet-activating factor formation by cultured rat mesangial cells.

Localization of a biologically important epitope on toxic-shock-syndrome toxin-1.

Immunosuppressive activities of polychlorinated dibenzofuran congeners: quantitative structure-activity relationships and interactive effects.

Glycogenolysis in the rat isolated perfused liver as a measure of chemically induced liver toxicity.

Suppression of splenic lymphocyte function by 7,12-dimethylbenz[a]anthracene (DMBA) in vitro.

Action of the nonsteroidal anti-inflammatory agent, flufenamic acid, on calcium movements in isolated mitochondria.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on murine skin.

The pH-dependent conformational change of diphtheria toxin.

Assignment of several epitopes to cyanogen bromide peptides of bovine retinal S-antigen by immunoblotting with peptide-specific antibodies.

Effect of sodium and calcium channel blockade on the increase in spontaneous transmitter release produced by the mitochondrial inhibitor, dinitrophenol.

Structural characterization of recombinant hepatitis B surface antigen protein by mass spectrometry.

Stimulatory and inhibitory effects of sodium salts on adenylate cyclase of rat liver. Implications for salt modulation of guanine nucleotide-binding regulatory component function.

Molecular cloning and analysis of P. 69, a vir-controlled protein from Bordetella pertussis.

Selective pancreatic toxicity of palmitoylpentachlorophenol.

Acute, pharmacokinetic, and subchronic toxicological studies of 2,4-dichlorophenoxyacetic acid.

Acute sensitivity of BHT-induced alveolar toxicity to a diquat challenge in murine lungs.

Recovery after radiotherapy from severe interstitial pneumonia due to paraquat poisoning.

Cyanamide hepatotoxicity. Incidence and clinico-pathological features.

Eighty-five day postexposure follow-up study in Fischer 344 rats after repeated exposures to methyl isocyanate vapor.

[Clinicopathological evaluation of the lungs with unusual distribution of paraquat lesions].

[Immunodepressive effects of the herbicide 2,4-D on mice].

Effects of pentachlorophenol on the in vitro and in vivo antibody response.

Critical role of iodination for T cell recognition of thyroglobulin in experimental murine thyroid autoimmunity.

Acetylsalicylic acid inhibits non-immunologic contact urticaria.

3-amino-triazole effects on the eye of young and adult rabbits in the presence and absence of hydrogen peroxide.

Role of acetaldehyde in the ethanol-induced impairment of hepatic glycoprotein secretion in the rat in vivo.

Immunosuppression following exposure to 7,12-dimethylbenz[a]anthracene (DMBA) in Ah-responsive and Ah-nonresponsive mice.

An attempt at objectivity of post mortem diagnostic of brain oedema.

The effect of IgE-mediated mast cell degranulation on the expression of experimental contact sensitivity in the mouse.

Pulmonary interstitial fibrosis induced in hapten-immune hamsters.

Antigenicity and uveitogenicity of partially purified peptides of a retinal autoantigen, S-antigen.

[Treatment of anemia].

Apparent effect of catalase on airway edema in guinea pigs. Role of endotoxin contamination.

Type II collagen arthritis: identification of arthritogenic epitopes using fractionated anticollagen IgG.

Identification of a uveitogenic cyanogen bromide peptide of bovine retinal S-antigen and preparation of a uveitogenic, peptide-specific T cell line.

Clinical reports on plasma exchange in the Kidney Center, Tokai University School of Medicine.

Orientation staining for the demonstration of Mycobacterium leprae in semithin sections.

Oral toxicity of trichlorobenzyl chloride and its acid derivative.

[Experimental studies of the inflammation-inducing action of various agents used in the treatment of pulp diseases in deciduous teeth].

Exposure to hair dyes and polychlorinated dibenzo-p-dioxins in AIDS patients with Kaposi sarcoma: an epidemiological investigation.

[Acute lung failure--a critical analysis].

Reactions of oxyphenbutazone with active oxygen species.

Rat hepatic mitochondria are more sensitive to allyl alcohol than are those of mice.

Primary and secondary structure of bovine retinal S antigen (48-kDa protein).

Purification and characterization of rabbit ocular mucin.

The production of pregnancy associated alpha glycoprotein (PAG) from human peripheral blood mononuclear cells.

Liposome-mediated augmentation of catalase in alveolar type II cells protects against H₂O₂ injury.

An in vitro model for studying the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin to human thymus.

Affinity purification of tetanus toxin using polyclonal and monoclonal antibody immunoabsorbents.

Monoclonal B-cell response to diphtheria toxoid: evidence for cross-reactive epitopes.

Acute toxicity in the guinea pig and in vitro "dioxin-like" activity of the environmental contaminant 1,2,4,5,7,8-hexachloro (9H)xanthene.

Mechanisms of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin (HpCDD)-induced humoral immune suppression: evidence of primary defect in T-cell regulation.

Measurement of in vivo lipid peroxidation and toxicological significance.

Exochelin-mediated iron acquisition by the leprosy bacillus, *Mycobacterium leprae*.

Urticaria from contact with pentachlorophenate.

Synthetic seleno-organic compound with glutathione peroxidase-like activity in the chick.

Acute effect of paraquat on lung fluid balance and prostanoid production in awake sheep.

Hepatic disease associated with ground-glass inclusions in hepatocytes after cyanamide therapy.

Severe acute oxidant exposure: morphological damage and aerobic metabolism in the lung.

Case-control study of multiple myeloma and farming.

[Observations on paraquat lung during the recovery course by X-ray CT (three-window method)].

The effect of topically applied n-butylester of 2,4-dichlorophenoxyacetic acid on the immune response in mice.

The corrected collagen content in paraquat lungs.

Effects of acrolein on macrophage functions in rats.

Biological effects of the superoxide radical.

The impact of inhaled acrolein on hypertension-sensitive and resistant rats.

Further studies of lipid peroxidation in human paraquat poisoning.

Pseudomembranous colitis in a patient of paraquat intoxication.

Specific hemoperfusion through agarose acrobeads.

Paraquat-induced neutrophil alveolitis: reduction of the inflammatory response by pretreatment with endotoxin and hyperoxia.

Bacterial infection and acute lung injury in hamsters.

Histamine action in paraquat-induced lung injury.

[Changes in the content and activity of liver and lung microsomal enzymes in experimental pneumonia and their possible correction].

Induction of experimental allergic neuritis in the BN rat: P2 protein-specific T cells overcome resistance to actively induced disease.

Kinetics of uptake and intracellular binding of Cyclosporine A in RAJI cells, in vitro.

O₂ metabolites and neutrophil elastase synergistically cause edematous injury in isolated rat lungs.

Successful treatment of aplastic anemia associated with chronic thyroiditis and Sjögren's syndrome.

S-antigen: identification of the MAbA9-C6 monoclonal antibody binding site and the uveitopathogenic sites.

Hyperferremia in immunosuppressed patients with acute nonlymphocytic leukemia and the risk of infection.

Methyl isocyanate subchronic vapor inhalation studies with Fischer 344 rats.

Teratologic evaluation of hexabrominated naphthalenes in C57BL/6N mice.

Regression of methyl bromide-induced forestomach lesions in the rat.

Characteristics of cellular immune responses to collagen type I or collagen type II.

A novel biologically active seleno-organic compound--VI. Protection by ebselen (PZ 51) against galactosamine/endotoxin-induced hepatitis in mice.

Antibody responses in protein-energy restricted beef cows and their cold stressed progeny.

Modulation of serum complement levels following exposure to polychlorinated dibenzo-p-dioxins.

Modulation of IgM anti-lymphocyte antibody-reactive T cell surface antigens in systemic lupus erythematosus.

S-antigen-specific rat T cell lines recognize peptide fragments of S-antigen and mediate experimental autoimmune uveoretinitis and pinealitis.

Increased binding of D-penicillamine to monocytes in rheumatoid arthritis.

Syntheses and effects of [Glu34]-thymopoietin II fragment 32-45 and its analogs on the impaired T-cell transformation in a patient with common variable immunodeficiency.

1-Methyl-4-phenylpyridine (MPP+) induces oxidative stress in the rodent.

Lung neoplasms in rodents after chronic administration of dimethyl hydrogen phosphite.

Bovine amyloid protein AA: isolation and amino acid sequence analysis.

A case of fatal sodium azide ingestion.

P450 genes: evolution, regulation, and relationship to human cancer and pharmacogenetics.

The C57B1/6 nu/nu, lpr/lpr mouse. III. Autoimmunity status.

[Occurrence of drug reactions].

Localization of biologic functions of toxic shock syndrome toxin-1 by use of monoclonal antibodies and cyanogen bromide-generated toxin fragments.

Metabolism of the herbicide bromoxynil by *Klebsiella pneumoniae* subsp. *ozaenae*.

The glutathione redox cycle as a defense system against hydrogen-peroxide-induced prostanoid formation and vasoconstriction in rabbit lungs.

The effects of inhalation of organic chemical air contaminants on murine lung host defenses.

Adenosine triphosphate content of *Mycobacterium leprae* isolated from armadillo tissue by Percoll buoyant density centrifugation.

Identification of a thrombin sequence with growth factor activity on macrophages.

Enzyme release from the perfused rat heart. The functions of the cytoskeleton under cell-pathological conditions.

Effect of antioxidants on mutagenesis induced by DMBA in human cells.

A carrier method for the assessment of the effectiveness of disinfectants against *Mycobacterium tuberculosis*.

Effects of 2,4-dichlorophenoxyacetic acid (2,4-D) on the contractile properties of reinnervated rat skeletal muscle.

Mitochondrial injury of pulmonary alveolar epithelial cells in acute paraquat intoxication.

Humoral immunotoxicity of polychlorinated diphenyl ethers, phenoxyphenols, dioxins and furans present as contaminants of technical grade pentachlorophenol.

Experimental cytoxan cystitis and prevention by acetylcysteine.

Pentachlorophenol intoxication: report of a fatal case, with comments on the clinical course and pathologic anatomy.

[Oxygen therapy in toxic pulmonary edema of various etiologies (review of the literature)].

Recovery from paraquat pneumonitis.

Changes in rat lung structure and composition as a result of subchronic exposure to acrolein.

[Morphology of a paraquat poisoning].

Health hazards of natural and introduced chemical components of boatbuilding woods.

Failure of desferrioxamine to modify the toxicity of paraquat in rats.

Long refractory period after one application of nonimmunologic contact urticaria agents to the guinea pig ear.

Disulfiram-induced hepatitis. Report of two cases and review of the literature.

Patterns of pulmonary structural remodeling after experimental paraquat toxicity. The morphogenesis of intraalveolar fibrosis.

Sensitivity of oligomycin-inhibited respiration of isolated rat liver mitochondria to perfluidone, a fluorinated arylalkylsulfonamide.

Membrane and cytoskeletal changes associated with IgE-mediated serotonin release from rat basophilic leukemia cells.

Physicochemical and immunological studies of the renatured alpha 1(II) chains and isolated cyanogen bromide peptides of type II collagen.

[Blood chemiluminescence in the diagnosis of acute inflammatory diseases of the abdominal organs].

Hypophagia-induced weight loss in mice, rats, and guinea pigs treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Detection and characterization of high affinity plasma membrane receptors for human interleukin 1.

Collagen-induced arthritis in mice. Localization of an arthritogenic determinant to a fragment of the type II collagen molecule.

Suppressive effect of secondary *Toxoplasma gondii* infection on antibody responses in mice.

Isolation and characterization of amyloid protein AA in the Abyssinian cat.

Enzyme immunoassay for detection of total and IgM-specific antibodies to hepatitis A virus and its clinical application.

[Effect of neuroleptic, adreno- and cholinolytic agents on cerebral cortical function in edema].

Homeostatic mechanisms in the utilization of exogenous iron in children recovering from severe malnutrition.

Mutagenicity of methyl bromide in a series of short-term tests.

Inhibition of prostaglandin generation in the rabbit brain in-vivo by AD-1590, a non-steroidal anti-inflammatory agent with potent antipyretic activity.

NTP Toxicology and Carcinogenesis Studies of Dimethyl Hydrogen Phosphite (CAS No. 868-85-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Effect of hematoporphyrin derivative on rabbit corneal endothelial cell function and ultrastructure.

Influence of cyclosporin A on the respiration of isolated rat kidney mitochondria.

Polychlorinated aromatic hydrocarbon lethality, mixed-function oxidase induction, and uroporphyrinogen decarboxylase inhibition in the chick embryo: dissociation of dose-response relationships.

Lipid peroxidation modifies the effect of phenolic anti-inflammatory drugs on prostaglandin biosynthesis.

The complete amino acid sequence of diphtheria toxin fragment B. Correlation with its lipid-binding properties.

[Roentgenologic structure changes in the lung following paraquat poisoning].

Selected responses of hypertension-sensitive and resistant rats to inhaled acrolein.

Acute toxic effects of paraquat on ultrastructure of rat liver.

Collagen stimulating factors from lung in experimental paraquat poisoning demonstrated in vitro and in vivo.

Ready evaluation of lung alveolar toxic damage with histological sections morphometry.

Structural hepatic changes associated with cyanamide treatment: cholangiolar proliferation, fibrosis and cirrhosis.

[Mechanical properties of the lung in paraquat-poisoned rats. Histopathologic correlates].

Paraquat-induced pulmonary fibrosis. Role of the alveolitis in modulating the development of fibrosis.

The effect of quenching agents on contact urticaria caused by cinnamic aldehyde.

A redox cycling mechanism of action for 2,3-dichloro-1,4-naphthoquinone with mitochondrial membranes and the role of sulfhydryl groups.

Extracorporeal removal of specific antibodies by hemoperfusion through the immunosorbent agarose-polyacrolein microsphere beads: removal of anti-bovine serum albumin in animals.

Mitochondrial bioenergetics during exposure of rats to perfluidone, a fluorinated arylalkylsulphonamide.

Glutaraldehyde fixatives for preserving the chick's inner ear.

Paraquat-induced injury of type II alveolar cells. An in vitro model of oxidant injury.

Central versus peripheral sites of antipyretic action of a non-steroidal anti-inflammatory agent, AD-1590, in rabbits.

Oxygen metabolism in phagocytes of leprotic patients: enhanced endogenous superoxide dismutase activity and hydroxyl radical generation by clofazimine.

Immunosuppression in weanling and adult Sprague-Dawley rats induced by acute exposure to 3,3',4,4'-tetrachloroazoxybenzene.

Suppression of type II collagen-induced arthritis by the intravenous administration of type II collagen or its constituent peptide alpha 1 (II) CB10.

Activated complex of L-cells and Rickettsia prowazekii with N-ethylmaleimide-insensitive phospholipase A.

Characterization of the enhanced paw edema response to carrageenan and dextran in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

The pharmacological profile of the thromboxane A₂ antagonist BM 13.177. A new anti-platelet and anti-thrombotic drug.

Connective tissue antigens stimulate collagenase production in arthritic diseases.

Evidence for a role of hydroxyl radical in immune-complex-induced vasculitis.

Monoclonal antibody to murine gamma interferon inhibits lymphokine-induced antiviral and macrophage tumoricidal activities.

Ruminal metabolism of plant toxins with emphasis on indolic compounds.

Teratological studies on the TCDD congener 3,3',4,4'-tetrachloroazoxybenzene in sensitive and nonsensitive mouse strains: evidence for direct effect on embryonic tissues.

Analysis of fatty acids of the genus Rochalimaea by electron capture gas chromatography: detection of nonanoic acid.

Benoxaprofen photosensitization of cell membrane disruption.

Poly-L-arginine and an N-formylated chemotactic peptide act synergistically with lectins and calcium ionophore to induce intense chemiluminescence and superoxide production in human blood leukocytes. Modulation by metabolic inhibitors, sugars, and polyelectrolytes.

Neutrophil-mediated cellular cytotoxicity induced by zymosan-activated serum.

The importance of minor collagenous chains in the articular cartilage.

Biochemical characterization of peptides from herpes simplex virus glycoprotein gC: loss of CNBr fragments from the carboxy terminus of truncated, secreted gC molecules.

Pea Xyloglucan and Cellulose : III. Metabolism during Lateral Expansion of Pea Epicotyl Cells.

Production of chemotactic activity for polymorphonuclear leukocytes by cultured rat hepatocytes exposed to ethanol.

Respiratory tract lesions induced by sensory irritants at the RD50 concentration.

A polypeptide containing 55 amino acid residues coded by the pre-S region of hepatitis B virus deoxyribonucleic acid bears the receptor for polymerized human as well as chimpanzee albumins.

Acceptors for botulinum neurotoxin reside on motor nerve terminals and mediate its internalization.

Isolation and characterization of a precursor form of M collagen from embryonic chicken cartilage.

Sensitivity to suppression of cytotoxic T cell generation by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) is dependent on the Ah genotype of the murine host.

Effects of cell swelling on fluid flow across alveolar epithelium.

Immunosuppression by D-penicillamine in vitro. Inhibition of human T lymphocyte proliferation by copper- or ceruloplasmin-dependent generation of hydrogen peroxide and protection by monocytes.

Cytological changes occurring in the liver of coturnix quail with an acute arsenic exposure.

Assay and biochemical characterization of angiotensin-I-converting enzyme in cerebrospinal fluid.

Selective action of prostaglandin F₂ alpha during paraquat-induced pulmonary edema in the perfused lung.

Pentachlorophenol poisoning.

Vasodilation and rehydration in paraquat poisoning.

Commercial PCP: Toxic Impurities.

Paraquat-induced enhancement of vascular permeability.

The effects of acrolein exposure on pulmonary antibacterial defenses.

Hepatitis induced by drugs used as alcohol aversion therapy.

Prevention of thiourea-induced pulmonary edema by hydroxyl-radical scavengers.

Evidence for lipid peroxidation by paraquat in the perfused rat lung.

Myeloperoxidase-mediated modulation of chemotactic peptide binding to human neutrophils.

A new era of exploitation of microbial metabolites.

Lymphocyte transformation to connective tissue antigens in adult and juvenile rheumatoid arthritis, osteoarthritis, ankylosing spondylitis, systemic lupus erythematosus, and a nonarthritic control population.

The covalent structure of amyloid-related serum protein SAA from two patients with inflammatory disease.

Enhancement of carrageenan and dextran-induced edemas by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds.

Quantitative removal of hepatitis B viral antigens from serum by a monoclonal IgM coupled to a biocompatible solid-phase support.

Experimental allergic neuritis. Humoral and cellular immune responses to the cyanogen bromide peptides of the P2 protein.

Plasma membrane-acting drugs inhibit the effect of dengue virus-induced cytotoxic factor.

The effect of acute inflammation on iron metabolism in rats.

Effect of vagal cooling on lung functional residual capacity in rats with pneumonia.

Assessment of skin irritancy: measurement of skin fold thickness.

Localization of intrarenal cross-linked fibrin in children with various renal diseases.

[Pharmacological and clinico-pharmacological studies of a combination preparation for calves having antianemia and general tonic action].

Physicochemical and immunological characterization of meningococcal group A polysaccharide-tetanus toxoid conjugates prepared by two methods.

The metabolism of the anti-inflammatory drug eterylate in rat, dog and man.

Inhalation of products of combustion.

Inhibition by secalonic acid D of oxidative phosphorylation and Ca^{2+} -induced swelling in mitochondria isolated from rat livers.

Localization in diphtheria toxin fragment B of a region that induces pore formation in planar lipid bilayers at low pH.

Induction of humoral immunity to protein antigen without adjuvant in rats exposed to immunosuppressive chemicals.

Cellular and genetic basis for suppression of cytotoxic T cell generation by haloaromatic hydrocarbons.

Competitive inhibition of methotrexate accumulation in rabbit kidney slices by nonsteroidal anti-inflammatory drugs.

Chronobiologic fluctuation of cyclophosphamide induced urinary bladder damage in mice.

Death and injury caused by methyl bromide, an insecticide fumigant.

Immunosuppressive effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in strains of mice with different susceptibility to induction of aryl hydrocarbon hydroxylase.

Generation of IgG aggregates by the myeloperoxidase-hydrogen peroxide system.

Phagocytosis of mast cell granules by cultured fibroblasts.

Cell water content in carp kidney tissue slices as influenced by various osmotic agents.

Sensitivity of passive cutaneous anaphylaxis in rats. I. Inverse relationship between PCA sensitivity and amount of IgE present on mast cells.

Characterization of pulmonary cellular influx differentials to known toxic agents between species.

[Experimental chronic paraquat poisoning. Functional and histopathological pulmonary changes].

Paraquat poisoning--a review of four cases.

Prognosis and treatment of paraquat poisoning: a review of 28 cases.

Accumulation of radionuclide-labeled platelets and fibrinogen in paraquat-damaged rat lungs.

PEEP-induced airspace overdistension complicating paraquat lung.

Dinitrophenol poisoning: a diagnosis to consider in undiagnosed fever.

[Massive poisoning by paraquat with early death (19 hours). Apropos of a case with ultrastructure study].

Ultrastructural evidence of pulmonary capillary endothelial damage from paraquat.

Urinary enzymes, nephrotoxicity and renal disease.

Ciguatera poisoning and herbicides.

Anti-inflammatory activity of catalase in carrageenin edema, manganese chloride edema and adjuvant arthritis of rats.

Serological approaches for the characterization of catalase in tissue-derived mycobacteria.

Depression of serotonin uptake by rat lungs exposed to paraquat.

Active oxygen metabolites and their action in the hepatocyte. Studies on chemiluminescence responses and alkane production.

Bacteria and zymosan opsonized with histone, dextran sulfate, and polyanetholesulfonate trigger intense chemiluminescence in human blood leukocytes and platelets and in mouse macrophages: modulation by metabolic inhibitors in relation to leukocyte-bacteria interactions in inflammatory sites.

Morphogenesis of the mitochondrial alterations in muscle diseases.

Analysis of the type of collagen present in osteoarthritic human cartilage.

Iron and rheumatoid disease.

[Pathogenesis of hyperlipidemia and fatty liver of rabbits induced by methyl iodide. Increased synthesis and secretion of triglyceride in the liver].

Free radicals and activated oxygen.

Corneocyte morphology and formation rate in lichen planus and experimental parakeratosis in subjects with and without psoriasis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated depression of rat testicular heme synthesis and microsomal cytochrome P-450.

Protective role of thiols in cyclophosphamide-induced urotoxicity and depression of hepatic drug metabolism.

Entry of the toxic proteins abrin, modeccin, ricin, and diphtheria toxin into cells. II. Effect of pH, metabolic inhibitors, and ionophores and evidence for toxin penetration from endocytotic vesicles.

Immunohistochemical localization of thyrotropin-releasing hormone in the rat hypothalamus and pituitary.

The immunosuppressive effects of trichothecenes and cyclochlorotine on the antibody responses in guinea pigs.

2,4-dinitrophenol stimulation of renal ammoniogenesis.

Myeloperoxidase-mediated oxidation of methionine and amino acid decarboxylation.

Carcinogenesis Bioassay of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (CAS No. 1746-01-6) in Osborne-Mendel Rats and B6C3F1 Mice (Gavage Study).

Effects of dichlorodiphenyltrichloroethane and its analogues on rat liver mitochondria.

Embryotoxicity of 3,3',4,4'-tetrachloroazobenzene and 3,3',4,4'-tetrachloroazoxybenzene in the chick embryo.

[Experimental models of lung diseases pulmonary fibrosis (idiopathic interstitial pneumonia) (author's transl)].

[Does alcohol enhance the toxicity of paraquat (author's transl)].

The effects of paraquat and superoxide dismutase on pulmonary vascular permeability and edema in mice.

Inhalation toxicity of acrylic acid.

Intrabronchial instillation of paraquat in rats: lung morphology and retention study.

Pseudodiphtheria: prominent pharyngeal membrane associated with fatal paraquat ingestion.

Repeated exposure to alpha-ethylacrolein vapour: subacute toxicity study in rats.

[Embryotropic action of the triazine herbicide polyzin 50].

Subtoxic effects of certain chemicals on food crops.

Histological considerations of direct pulp capping agents.

[Use of histological methods for the demonstration of the anti-inflammatory activity of fusafungin (author's transl)].

Oxidant injury of lung parenchymal cells.

Arterial effects of palmitic, linoleic and acetoacetic acid.

Enhanced suppressor cell activity as a mechanism of immunosuppression by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Nonspecific suppression of initiation of memory cells in *Toxoplasma gondii*-infected mice.

Nonspecific suppression of primary antibody responses and presence of plastic-adherent suppressor cells in *Toxoplasma gondii*-infected mice.

Specific hypo-responsive granulomatous tissue reactions in *Brugia pahangi*-infected jirds.

[Human embryonic haemoglobins. The primary structure of the zeta chains (author's transl)].

Viral encephalomyelitis of pigeons. VI. Some physico-chemical properties of the virus and extracted viral DNA.

Suppression of contact sensitivity by IgG1 antihapten antibody in contact-sensitized guinea pigs.

Haptoglobin. A novel mode of biosynthesis of a liver secretory glycoprotein.

Early events in herpes simplex virus type 1 infection: photosensitivity of fluorescein isothiocyanate-treated virions.

[Aspiration of Fero-gradumet].

Serum SH reactivity: a simple assessment of D-penicillamine absorption?

A comparison of the effects of temperature and metabolic inhibition on the contraction of smooth muscle.

The influence of malnutrition on the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats.

New aspects of the origin of hepatocellular vacuoles. An ultrastructural study on rat and mice liver after different intoxications.

Studies on the mechanism of denaturation of cytochrome P-450 by cyclophosphamide and its metabolites.

Localization of a hepatitis B surface antigen determinant deduced from results of chemical modifications.

Effect of energy inhibitors on cell surface diphtheria toxin receptor numbers.

Interactions between bacterial pyrogen and proteolipid extracted from the cerebrum (I).

Freeze-fracture analysis of the effects of age and 2,4-dinitrophenol on the morphology of flight muscle mitochondria of *Musca domestica* L.

Enzyme histochemistry and immunohistochemistry on biopsy specimens of pathologic human bone marrow.

Changes in body temperature after administration of antipyretics, LSD, delta 9-THC, CNS depressants and stimulants, hormones, inorganic ions, gases, 2,4-DNP and miscellaneous agents.

A CNBR peptide located in the middle region of diphtheria toxin fragment B induces conductance change in lipid bilayers. Possible role of an amphipathic helical segment.

The effect of intestinal microflora on the enterohepatic circulation of mercapturic acid pathway metabolites.

Role of energy metabolism in *Mycoplasma pneumoniae* attachment to glass surfaces.

[Chronic interstitial pneumonia in dogs induced by herbicide paraquat--histological and physiological study].

Perioral leukoderma simulating vitiligo from use of a toothpaste containing cinnamic aldehyde.

Non-fatal disease due to inhalation of nebulised paraquat.

[Paraquat poisoning; clinical toxicological aspects and a case description].

[Paraquat-induced lung injuries in rats with reference to interstitial pneumonia (author's transl)].

Cerebral damage in paraquat poisoning.

Clinical findings in workers exposed to pentachlorophenol.

[Morphological studies of chronic toxicity of Chwastox D].

The morphology of the lung in the albino rat after paraquat administration.

Contact urticaria from cinnamic aldehyde.

A comparison of the effects of paraquat and diquat on lung compliance, lung volumes and single breath diffusing capacity in the rat.

Hydroperoxide-induced chemiluminescence of the perfused lung.

Differential alterations in host peripheral polymorphonuclear leukocyte chemiluminescence during the course of bacterial and viral infections.

[Immunotherapy of multiple recurring warts. Reassessment of the use of dinitrochlorobenzene (author's transl)].

Allergic encephalomyelitis induced in guinea pigs by a peptide from the NH₂-terminus of bovine P2 protein.

Covalent structure of collagen: amino acid sequence of alpha 1 (III)-CB5 from type III collagen of human liver.

Antigen-induced suppression of experimental allergic neuritis in the guinea pig.

Synovial origins of Rice bodies in joint fluid.

Esophagitis caused by oral medication.

Characterization and affinity labeling of the cationic phosphate-binding (nucleotide-binding) peptide located in the receptor-binding region of the B-fragment of diphtheria toxin.

Primary structure of diphtheria toxin fragment B: structural similarities with lipid-binding domains.

Effect of metabolic inhibitors on renal tubule cell volume.

Immunosuppression in mice induced by dioxin (TCDD) in feed.

Analysis of the lytic step in the herpes simplex virus antibody-dependent cellular cytotoxicity system.

The effect of immobilization on the types of collagen synthesized in periarticular connective tissue.

Changes in transglutaminase activity in an experimental model of pulmonary fibrosis induced by paraquat.

Effects of paraquat dichloride in male rabbits.

Early bronchiolar damage following paraquat poisoning in mice.

Further clinical observations on the pulmonary effects of paraquat ingestion.

Induction in vitro of reversible immunosuppression and inhibition of B cell receptor regeneration by defined metabolites of cyclophosphamide.

Acute pulmonary injury in rats by nitrofurantoin and modification by vitamin E, dietary fat, and oxygen.

Immunoperoxidase staining for detection of Colorado tick fever virus, and a study of congenital infection in the mouse.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on splenic lymphocyte transformation in mice after single and repeated exposures.

Laboratory studies on the immune effects of halogenated aromatics.

Purification of cobalt-activated acylase by affinity chromatography.

Analysis of the adhesion step in the herpes simplex virus antibody-dependent cellular cytotoxicity system.

Complete and N-terminal amino-acid sequences of CNBr-peptides CB5 and CB3 from diphtheria toxin fragment B [proceedings].

The amino acid sequence of fragment A, an enzymically active fragment of diphtheria toxin. III. The chymotryptic peptides, the peptides derived by cleavage at tryptophan residues, and the complete sequence of the protein.

The amino acid sequence of fragment A, an enzymically active fragment of diphtheria toxin. II. The cyanogen bromide peptides.

On the pathogenesis of mitochondrial myopathies. An experimental study.

The virus neutralizing activity of antibodies specific to the envelope and nucleocapsid of equine herpesvirus type 1.

The effect of perinatal exposure to tetrachlorodibenzo-p-dioxin on the immune response of young mice.

Effects of glucocorticoids on fibroblasts.

[A case of fatal interstitial pneumonitis after paraquat ingestion (author's transl)].

Pulmonary ultrastructure of the late aspects of human paraquat poisoning.

Correlation of biochemical and morphologic manifestations of acute pulmonary fibrosis in rats administered paraquat.

Paraquat lung injury in rabbits.

Autopsy findings in a case of acute paraquat poisoning with extensive cerebral purpura.

The pathology and biochemistry of paraquat.

Case of a swollen foot.

Repeated exposure to acrolein vapour: subacute studies in hamsters, rats and rabbits.

[Toxicity of the pesticide nabam as a function of dietary protein content in the rat].

[Pathomorphological studies in experimental simazine poisoning of sheep].

Pulmonary histological appearances in fatal paraquat poisoning.

Paraquat ingestion and pulmonary injury.

Report of the 40th meeting of the work group on the pathophysiology of breathing of the Society for Pathophysiology and the Society for Bronchopneumonology and Tuberculosis of the DDR. Animal experimental models of acute and chronic lung diseases.

[Changes in the respiratory tract following paraquat intoxication].

[Lung alterations after paraquat poisoning (author's transl)].

Noncardiac pulmonary edema.

The biology of oxygen radicals.

Biochemical changes in the rat brain associated with dinitrophenol-induced brain edema.

[Antipyretic activity of SL-573 (II) (author's transl)].

The defined antigen substrate sphere system with direct immunohistoperoxidase for detection of soluble dengue antigen in sera of patients with dengue hemorrhagic fever.

Collagens synthesized in vitro by diploid fibroblasts obtained from chronically inflamed human connective tissue.

Nasopharyngeal carcinoma associated with long-term arsenic ingestion.

Studies on 2,3,7,8-tetrachlorodibenzo-p-dioxin induced immune suppression and decreased resistance to infection: endotoxin hypersensitivity, serum zinc concentrations and effect of thymosin treatment.

Development and evaluation of a microimmunodiffusion test for detection of antibodies to pseudorabies virus in swine serum.

Acinar distribution of liver cell regeneration after selective zonal injury in the rat.

Isolation and characterization of the cyanogen bromide peptides from the B fragment of diphtheria toxin.

The biology and pathology of oxygen radicals.

On the association of virus proteins with the nuclei of cells infected with herpes simplex virus.

Tryptophan uptake by *Mycobacterium tuberculosis* H37Rv: effect of rifampin and ethambutol.

[Study of diphtheria toxin fragments using circular dichroism (proceedings)].

Evaluation of a finger prick blood collection method for the seroepidemiology of hepatitis B.

Some properties of the adenosine triphosphatase associated with herpes simplex virus and nuclear membrane of host cells.

Pulmonary reactions to drugs.

Guillain-Barré syndrome following organophosphate poisoning.

A comparison of the effects of paraquat and diquat on the water content of rat lung and the incorporation of thymidine into lung DNA.

[A contribution to the pathogenesis of lethal paraquat poisoning (author's transl)].

Effect of pretreatment with antiinflammatory agents on paraquat toxicity in the rat.

Accidental poisoning in children.

Acute respiratory distress in the dog associated with paraquat poisoning.

Pulmonary ultrastructure after oral and intravenous dosage of paraquat to rats.

[Severe accidental acrolein intoxication in the home (author's transl)].

Environmental agents altering lung biochemistry.

Adverse effect of a cigarette smoke component, acrolein, on pulmonary antibacterial defenses and on viral-bacterial interactions in the lung.

[Chloracne due to tetrachloro-2,3,7,8-dibenzo-p-dioxin in children (author's transl)].

Release of platelet constituents by monosodium urate crystals.

Impairment of thymus-dependent immune functions by exposure of the developing immune system to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Morphological changes in monkeys consuming a diet containing low levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Suppression of the anaphylactic response of isolated smooth muscle organs by potassium arsenite].

Studies on the nature of EA binding by lymphocytes from rheumatoid arthritis patients.

Suppressor cells in tolerance to contact sensitivity active against hapten-syngeneic and hapten-allogeneic determinants.

Accelerated degradation of acetylcholine receptor from cultured rat myotubes with myasthenia gravis sera and globulins.

Collagenase and collagenase inhibitors in osteoarthritic and normal cartilage.

Methyl iodide toxicity.

Changes in integrated vagal afferent activity induced by model lung diseases in rats.

The inhibition of histamine release from rat peritoneal mast cells by non-steroid anti-inflammatory drugs and its reversal by calcium.

Does diaminobenzidine demonstrate prostaglandin synthetase? A study on polyunsaturated fatty acid-induced DAB oxidation in sheep vesicular glands and rabbit kidney medulla.

Innocuity and toxicity testing of non-viral components of foot-and-mouth disease vaccines.

Recovery from inhalation of diquat aerosol.

Hypoxic protection in paraquat poisoning.

Paraquat revisited.

Paraquat poisoning in a dog and cat.

Penetration of proteins in the central nervous system.

Immunologic response and factors affecting its assessment.

2,3,7,8-Tetrachlorodibenzo-p-dioxin: environmental contaminant and molecular probe.

[The dynamics of changes in oxygen tension, circulatory rats, muscular and rectal temperatures in dinitrophenol hyperthermia].

[Pharmacological studies on basic ethers (R111 and R97) with antispasmodic activity].

[Effect of gingival dressings of various plastics on the mouth mucosa].

Analysis of T-cell-specific functions in continuous lymphocytic cell lines. II. A T-cell line which forms rosettes with normal thymocytes of the same species.

Ammonium uptake and metabolism by nitrogen fixing bacteria. II. *Klebsiella pneumoniae*.

CYTOTOXIC EFFECTS OF THE HERBICIDE 3-AMINO-1,2,4-TRIAZOLE ON *DAPHNIA PULEX* (CRUSTACEA:CLADOCERA).

Optimal conditions for elution of hepatitis B antigen after absorption onto colloidal silica.

Factors influencing the insulin space in cerebral cortex slices from adult and 7-day-old rats.

A morphometric and biochemical investigation of the vesiculation of kidney microvilli.

Irritant dermatitis from diallylglycol carbonate monomer in the optical industry: clinical and experimental studies of cutaneous tolerance and chemical investigations.

Collagen-and collagen peptide-induced chemotaxis of human blood monocytes.

Mechanism of injury of virus-infected cells by antiviral antibody and complement: participation of IgG, F(ab')₂, and the alternative complement pathway.

Influence of anti-inflammatory agents on rat liver mitochondrial ATPase.

Glutamate metabolism in rat kidney mitochondria.

[Morphological and toxicological studies of experimental diquat poisoning].

Letter: Unsuccessful immunosuppressant treatment of paraquat poisoning.

[Resuscitation in 1975].

[An experimental study on the toxicity of 2,4,6-trichlorophenyl-4'-nitrophenyl ether (CNP) (author's transl)].

Letter: Paraquat poisoning treated with immunosuppressants and potassium aminobenzoate.

Placental transfer and teratology of pentachlorophenol in rats.

The pathology of the lung in paraquat poisoning.

Lung function in acute paraquat intoxication.

[Polychlorodibenzo-p-dioxins (author's transl)].

Irritancy of cyclophosphamide-derived aldehydes (acrolein, chloracetaldehyde) and their effect on lymphocyte distribution in vivo: protective effect of thiols and bisulphite ions¹.

Pulmonary effects of paraquat in the first day after injection.

Proceedings: Experimental lung disease : effects of general anaesthesia.

Blockade by metal complexing agents and by catalase of the effects of arachidonic acid on platelets: relevance to the study of anti-inflammatory mechanisms.

Increased susceptibility to bacterial infection as a sequela of exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Fatal self-administration of sodium azide.

Use of cationic disc electrophoresis near neutral pH in the evaluation of trace proteins in human plasma.

Mitochondrial changes, ion and water shifts in the cellular injury of ehrlich ascites tumor cells.

Angiosarcoma of the liver associated with Fowler's solution (potassium arsenite).

Epstein-barr virus-induced cap formation in human lymphoblastoid cells.

Chemical modulation of diphtheria toxin action on cultured mammalian cells.

Allergic encephalomyelitis. Isolation of an encephalitogenic peptide active in the monkey.

Secretory and humoral immunologic response of atopic and non-atopic individuals to intranasally administered antigen.

[Detection of niacin with the paper strip test (author's transl)].

The fungicidal mechanisms of human monocytes. I. Evidence for myeloperoxidase-linked and myeloperoxidase-independent candidacidal mechanisms.

Attempted suicide with a pesticide mixture.

Osmotic thirst suppression during 2,4-dinitrophenol (DNP) hyperthermia in the dog.

Antigenic activity, in humans, of purified low molecular weight fractions of timothy pollen.

Oxidative phosphorylation in the skeletal muscles of rabbits during dinitrophenol hyperthermia.

[Utilization of luminescent monospecific sera against human immunoglobulins G, A and M for diagnostic purposes].

Type III collagen: A major constituent of rheumatoid and normal human synovial membrane.

Liver biopsy in methotrexate-treated psoriatics—a re-evaluation.

Isolation of hepatitis B surface antigen (HBsAg) by affinity chromatography on antibody-coated immunoabsorbents.

Antigen-induced inhibition of experimental allergic encephalomyelitis. III. Localization of an inhibitory site distinct from the major encephalitogenic determinant of myelin basic protein.

A new inhibitor of coupled oxidative phosphorylation, 5-hydroxynaphthalenedicarboxylic anhydride, a derivative of a carcinogenic polynuclear hydrocarbon.

[Primary structure of fragment B of diphtheria toxin: peptides obtained by cleavage by cyanogen bromide].

The effect of 2, 4-dinitrophenol on the growth of *Bordetella pertussis* in chick tracheal organ culture.

The disturbance of oxidative phosphorylation by N-acetoxy-N-acetyl-2-aminofluorene, a model ultimate carcinogen.

Chloride-dependent restoration of coupling by oligomycin in rat liver mitochondria.

Polar appearance and nonligand induced spreading of measles virus hemagglutinin at the surface of chronically infected cells.

Specific suppression of the antibody response in vitro by serum from paralyzed mice.

Food poisoning—four unusual episodes.

Glial fibrillary acidic protein from normal and gliosed human brain. Demonstration of multiple related polypeptides.

Effect of polycations and polyanions on behavior of sheep red blood cell rosettes of human lymphocytes.

[Pulmonary edema due to inhalation of gas and vapors].

The ultrastructure and time sequence of the early stages of paraquat lung in rats.

Paraquat lung: a reappraisal.

The pathogenesis and structure of paraquat-induced pulmonary fibrosis in rats.

Fatal pulmonary intra-alveolar fibrosis after paraquat ingestion.

[Alveolitis and pulmonary fibrosis--an attempt at a synopsis].

Toxic effects of the herbicide paraquat.

Letter: Induction of giant mitochondria in mouse hepatocytes by diethyldithiocarbamate (DDC).

The effect of simazin on the ultrastructure and activities of some hydrolases of the rat liver.

New aspects of laboratory techniques for studies of Colorado tick fever.

[Agglutination reaction of antibody-sensitized erythrocytes with Colorado tick fever virus].

[Oxidative phosphorylation in the skeletal muscles of rabbits in the dynamics of dinitrophenol hyperthermia].

An immunoadsorbent process for removing hepatitis antigen from blood and plasma.

Studies on the species-variability of experimental allergic encephalomyelitis in guinea pigs and rats.

The complete amino-acid sequence of non-immunoglobulin amyloid fibril protein AS in rheumatoid arthritis.

Suppression of cellular immunity in rats and mice by maternal treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Evidence for a common synthetic origin for secretory and serum IgA.

Liver biopsy in psoriatics previously treated with potassium arsenite. A controlled study.

The incidence and antigenic specificity of antibodies against denatured human collagen in rheumatoid arthritis.

[Proceedings: Isolation and characterization of peptides obtained by the action of cyanogen bromide on fragment B of diphtheria toxin].

Affinity chromatography purification of diphtheria toxin.

Table 2A-6 – Titles of Pubmed Records Related to Skin Adverse Events Following Herbicide Exposure

ALOPECIA; *BLISTER*; *BULLOUS*; *CUTANEOUS*; *DERM*; *ECZEMA*; *ERUPT*; *ERYTHEMAE*; *FLUSHING*; *LESION*; *LICHEN*; *MELANOMA*; *PEMPHIGUS*; *PITYRIASIS*; *PRURIT*; *PSORIA*; *PUSTUL*; * RASH *; * SKIN *; *SWEET SYNDROME*; *URTICARIA*; RASH; SKIN (4340)
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Mitochondrial reactive oxygen species initiate gasdermin D-mediated pyroptosis and contribute to paraquat-induced nephrotoxicity.

Pubertal glyphosate-based herbicide exposure aggravates high-fat diet-induced obesity in female mice.

Paraquat and Parkinson's Disease: The Molecular Crosstalk of Upstream Signal Transduction Pathways Leading to Apoptosis.

Amphibian-derived peptide RL-RF10 ameliorates paraquat-induced pulmonary fibrosis injury.

Autophagy mediated FTH1 degradation activates gasdermin E dependent pyroptosis contributing to diquat induced kidney injury.

Memory impairment with symmetrical hippocampal lesions following acute glufosinate-ammonium intoxication.

Pesticide exposure in greenspaces: Comparing field measurement of dermal contamination with values predicted by registration models.

Vascular read-out for TRP channel functionality on distal peripheral nerve endings in healthy men.

Fungal derived herbicidal metabolite loaded starch-chitosan-gum acacia-agar based bio composite: Preparation, characterization, herbicidal activity, release profile and biocompatibility.

Forensic significance of Roundup Full[®] II effect on the development of *Dermestes maculatus* (Coleoptera: Dermestidae) and *Lucilia sericata* (Diptera: Calliphoridae).

An in vitro evaluation of the effects of fluoride, CPP-ACP, or resin infiltration on discoloration caused by pediatric supplements.

Regulation of stress granule formation in human oligodendrocytes.

Microbial-influenced pesticide removal co-occurs with antibiotic resistance gene variation in soil-earthworm-maize system.

Luteolin Is a Potential Immunomodulating Natural Compound against Pulpal Inflammation.

Prenatal treprostinil improves pulmonary arteriolar hypermuscularization in the rabbit model of congenital diaphragmatic hernia.

MicroRNA-124-3p Modulates Alpha-Synuclein Expression Levels in a Paraquat-Induced in vivo Model for Parkinson's Disease.

Meptyldinocap induces implantation failure by forcing cell cycle arrest, mitochondrial dysfunction, and endoplasmic reticulum stress in porcine trophoctoderm and endometrial luminal epithelial cells.

Norflurazon causes cell death and inhibits implantation-related genes in porcine trophoctoderm and uterine luminal epithelial cells.

Toxicity of two pesticides in binary mixture on survival and enzymatic response of *Cerastoderma edule* - The warming influence.

Assessing and mitigating foodborne acetochlor exposure induced ileum toxicity in broiler chicks: The role of omega-3 polyunsaturated fatty acids supplementation and molecular pathways analysis.

Chemical mixture that targets the epidermal growth factor pathway impairs human trophoblast cell functions.

Concentration and non-dietary human health risk assessment of pesticide residues in soil of farms in Golestan province, Iran.

Aldo-keto reductase 1B10 as a Carcinogenic but Not a Prognostic Factor in Colorectal Cancer.

Establishment and Characterization of Amitrole-Induced Mouse Thyroid Adenomatous Nodule-Derived Cell Lines.

Positive Association of Urinary Dimethylarsinic Acid (DMA(V)) with Serum 25(OH)D in Adults Living in an Area of Water-Borne Arsenicosis in Shanxi, China.

TRPA1 as a promising target in ischemia/reperfusion: A comprehensive review.

Evaluating the risk of phthalate and non-phthalate plasticizers in dust samples from 100 Japanese houses.

Concentration and sources of persistent organic pollutants within the vicinity of a scrap-iron smelting plant: Seasonal pattern and health risk assessment.

Persistent Neutrophil Infiltration and Unique Ocular Surface Microbiome Typify Dupilumab-Associated Conjunctivitis in Patients with Atopic Dermatitis.

Phenol Toxicity.

Hydrogen cyanamide exposure: a case series from Pavia Poison Control Centre.

Use of in silico and in vitro methods as a potential new approach methodologies (NAMs) for (photo)mutagenicity and phototoxicity risk assessment of agrochemicals.

Adaptation of the metolachlor-degrading fungus *Trichoderma harzianum* to the simultaneous presence of low-density polyethylene (LDPE) microplastics.

Voluntary wheel-running improved pulmonary fibrosis by reducing epithelial mesenchymal transformation.

Effect of sublethal concentrations of glyphosate-based herbicides (Roundup Active®) on skin of the tropical frog (*Dendropsophus molitor*).

Nano-TiO₂ aggravates the adverse effect of pentachlorophenol on antioxidant and immune response in anti-predatory mussels.

The Protective Role of Oleuropein Aglycone against Pesticide-Induced Toxicity in a Human Keratinocytes Cell Model.

Toxicity of glyphosate and aminomethylphosphonic acid (AMPA) to the early stages of development of *Steindachneridion melanodermatum*, an endangered endemic species of Southern Brazil.

Biomarkers of pollution by glyphosate in the lichens, *Parmotrema tinctorium* and *Usnea barbata*.

Spatiotemporal variations of 2,4-dichlorophenoxy acetic acid with the role of sugarcane industry and related human health risk assessments in the Shadegan International Wetland.

Tolerance of microorganisms to residual herbicides found in eucalyptus plantations.

[Experimental study on the toxicokinetics and gastrointestinal damage in rats poisoned with acute diquat poisoning at different exposure doses].

A mixture of 13 pesticides, contaminants, and food additives below individual NOAELs produces histopathological and organ weight changes in rats.

Pendimethalin exposure disrupts mitochondrial function and impairs processes related to implantation.

Degradation of four pesticides in five urban landscape soils: human and environmental health risk assessment.

A novel mechanism of Dimethyl ester of Alpha-ketoglutarate in suppressing Paraquat-induced BEAS-2B cell injury by alleviating GSDME dependent pyroptosis.

Complex mixtures of pesticides and metabolites modulate the malignant phenotype of murine melanoma B16-F1 cells.

Allergic contact dermatitis caused by herbicide containing glyphosate-isopropylamine salt.

Atrazine modifies markers of melanocyte maturation and apoptosis in primary skin cultures.

Human health risks and hepatotoxicity associated with exposure to atrazine surveyed in drinking water from Ijebu-North, Southwest, Nigeria.

Dimethyl fumarate attenuates paraquat-induced pulmonary oxidative stress, inflammation and fibrosis in mice.

Postnatal exposure to a glyphosate-based herbicide interferes with the development and growth of the mammary gland of pre-pubertal Ewe lambs.

Dietary myricetin assuages atrazine-mediated hypothalamic-pituitary-testicular axis dysfunction in rats.

Chitosan nanocomposite as an effective carrier of potential herbicidal metabolites for noteworthy phytotoxic effect against major aquatic invasive weed water hyacinth (*Eichhornia crassipes*).

Treatment with paraquat affects the expression of ferroptosis-related genes.

A mass event of paraquat poisoning via inhalation.

Evaluating the Anti-Melanoma Effects and Toxicity of Cinnamaldehyde Analogues.

Computational biology and in vitro studies for anticipating cancer-related molecular targets of sweet wormwood (*Artemisia annua*).

Predicting the relationship between pesticide genotoxicity and breast cancer risk in South Indian women in in vitro and in vivo experiments.

Hydralazine plays an immunomodulation role of pro-regeneration in a mouse model of spinal cord injury.

Inactivation of microglia dampens blood-brain barrier permeability and loss of dopaminergic neurons in paraquat-lesioned mice.

Clinical and pathological characteristics of diquat poisoning-related acute kidney injury.

Follow-up of patients with a 5-year survival after paraquat poisoning using computed tomography images and spirometry.

Herbicide exposure during occupational knapsack spraying in French gardeners and municipal workers.

Trichoderma virens exerts herbicidal effect on *Arabidopsis thaliana* via modulation of amino acid metabolism.

Dermal Toxicity from a Paraquat-Poisoned Patient's Urine.

Safety and efficacy of once-daily HU6 versus placebo in people with non-alcoholic fatty liver disease and high BMI: a randomised, double-blind, placebo-controlled, phase 2a trial.

Refrigerated multi-dose insulin vials remain sterile through 6 months of use.

Xenobiotic Exposure and Migraine-Associated Signaling: A Multimethod Experimental Study Exploring Cellular Assays in Combination with Ex Vivo and In Vivo Mouse Models.

Carbon Nitride-Based siRNA Vectors with Self-Produced O₂ Effects for Targeting Combination Therapy of Liver Fibrosis via HIF-1 α -Mediated TGF- β ¹/Smad Pathway.

Mitochondrial superoxide dismutase Sod2 suppresses nuclear genome instability during oxidative stress.

Gene deletion of long-chain acyl-CoA synthetase 4 attenuates xenobiotic chemical-induced lung injury via the suppression of lipid peroxidation.

Human Preadipocytes Differentiated under Hypoxia following PCB126 Exposure during Proliferation: Effects on Differentiation, Glucose Uptake and Adipokine Profile.

Synthesis and Preclinical Evaluation of [Methylpiperazine-(11)C]brigatinib as a PET Tracer Targeting Both Mutated Epidermal Growth Factor Receptor and Anaplastic Lymphoma Kinase.

CKBA suppresses mast cell activation via ERK signaling pathway in murine atopic dermatitis.

Glycopolymer-based multifunctional antibacterial hydrogel dressings for accelerating cutaneous wound healing.

Targeting Colon Cancer Cells with Pyrazino-Imidazolinone Derivatives: Synthesis, Molecular Docking, and in Vitro Evaluation of Anti-Proliferative and Pro-Apoptotic Activities.

Ultra-stretchable, tissue-adhesive, shape-adaptive, self-healing, on-demand removable hydrogel dressings with multiple functions for infected wound healing in regions of high mobility.

4,4'-Thiobis(2-tert-butyl-5-methylphenol), an antioxidant in medical devices that may cause allergic contact dermatitis.

Impact of the pentose phosphate pathway on metabolism and pathogenesis of *Staphylococcus aureus*.

Diosmin exerts hepatoprotective and antihyperglycemic effects against sodium arsenite-induced toxicity through the modulation of oxidative stress and inflammation in mice.

Nephroprotective Effects of Selenium Nanoparticles Against Sodium Arsenite-Induced Damages.

The effect of *Alnus incana* (L.) Moench extracts in ameliorating iron overload-induced hepatotoxicity in male albino rats.

The direct catalytic synthesis of ultrasmall Cu(2)O-coordinated carbon nitrides on ceria for multimodal antitumor therapy.

A novel non-invasive colorectal cancer diagnostic method: Volatile organic compounds as biomarkers.

Acetaldehyde dehydrogenase 2 activation attenuates sepsis-induced brain injury through NLRP3 inflammasome regulation.

Chitosan-based carbon nitride-polydopamine-silver composite dressing with antibacterial properties for wound healing.

NKG2D Ligand Expression Induced by Oxidative Stress Mitigates Cutaneous Ischemia-Reperfusion Injury.

Iron pill-induced gastritis: an unrecognized side effect of iron-deficiency anemia.

Endocrine disruptors and endometriosis.

Exosomes released by environmental pollutant-stimulated Keratinocytes/PBMCs can trigger psoriatic inflammation in recipient cells via the AhR signaling pathway.

Disentangling the Tissue-Specific Variations of Volatile Flavor Profiles of the *Lentinula edodes* Fruiting Body.

Corrigendum: Development of skin diseases following systemic exposure: example of dioxins.

Skin-protective biological activities of bio-fermented *Aframomum angustifolium* extract by a consortium of microorganisms.

Regenerating Saffron (*Crocus sativus* L.) from Corm Lateral Buds via Indirect Somatic Embryogenesis.

Delta Storage Pool Deficiency: A Pediatric Case Report and Review of the Literature.

MiR-96-5p Suppresses Progression of Arsenite-Induced Human Keratinocyte Proliferation and Malignant Transformation by Targeting Denticleless E3 Ubiquitin Protein Ligase Homolog.

Carnosine synthase deficiency aggravates neuroinflammation in multiple sclerosis.

Application of an Antioxidant Response Element-Nuclear Factor Erythroid 2 Luciferase Assay for Assessing the Skin Sensitization Potential of Agrochemicals.

A multifunctional hydrogel dressing with high tensile and adhesive strength for infected skin wound healing in joint regions.

Exposure to the aryl hydrocarbon receptor agonist dioxin disrupts formation of the muscle, nerves, and vasculature in the developing jaw.

Effect of Hydralazine on Angiotensin II-Induced Abdominal Aortic Aneurysm in Apolipoprotein E-Deficient Mice.

Bifenox compromises porcine trophectoderm and luminal epithelial cells in early pregnancy by arresting cell cycle progression and impairing mitochondrial and calcium homeostasis.

Use of pesticides and risk perception of environmental contamination by farmers surrounding the Menoua River (West Cameroon).

Metabolomics reveal metabolic variation caused by co-culture of *Arthrobacter ureafaciens* and *Trichoderma harzianum* and their impacts on wheat germination.

Assessing the potential molecular mechanism of arsenite-induced skin cell senescence.

An eco-friendly system for stabilization of retinol: A step towards attending performance with improved environmental respect.

Carcinogenic and non-carcinogenic health risk assessment of organic compounds and heavy metals in electronic cigarettes.

Enrichment of carcinogen-driven "mitochondria-primed" human skin stem cells and their identification using single-cell analyses.

Exposure to arsenic, polycyclic aromatic hydrocarbons, metals, and association with skin cancers in the US adults.

Increased anti-oxidative action compensates for collagen tissue degeneration in vitiligo dermis.

Controllable-Swelling Microneedle-Assisted Ultrasensitive Paper Sensing Platforms for Personal Health Monitoring.

Development of skin diseases following systemic exposure: example of dioxins.

Risk assessment of sediment PAH, BTEX, and emerging contaminants in Chanomi Creek Niger Delta, Nigeria.

Case report: Reversible splenic lesion syndrome caused by diquat poisoning.

Laser Biostimulation Induces Wound Healing-Promoter β 2-Defensin Expression in Human Keratinocytes via Oxidative Stress.

Case report: Occupational poisoning incident from a leak of chloroacetyl chloride in Jinan, Shandong, China.

Air, Dermal, and Urinary Metabolite Levels of Backpack and Tractor Sprayers Using the Herbicide Acetochlor in Thailand.

Atrazine residue in waters of Ijebu-North local government, Nigeria: implications on human health, hematological, and biochemical parameters.

Protein adducts with lipid peroxidation products in patients with psoriasis.

Novel Use of Cell Profiling Technology to Visualize Mitochondrial Responses of Humpback Whale Fibroblasts to Chemical Exposure.

Retraction notice to "Lab-on-fruit skin and lab-on-leaf towards recognition of trifluralin using Ag-citrate/GQDs nanocomposite stabilized on the flexible substrate: A new platform for the electroanalysis of herbicides using direct writing of nano-inks and pen-on paper technology" [Heliyon 6 (2020) e05779].

Bensulide exposure causes cell division cycle arrest and apoptosis in porcine trophectoderm and uterine luminal epithelial cells.

Development of Biocellulose Sheet Incorporating Aloe vera Gel Extract for Diabetic Wound Healing.

Picolinafen exposure induces ROS accumulation and calcium depletion, leading to apoptosis in porcine embryonic trophectoderm and uterine luminal epithelial cells during the peri-implantation period.

Cell cycle dysregulation on prenatal and postnatal arsenic exposure in skin of Wistar rat neonates.

Oryzalin impairs maternal-fetal interaction during early pregnancy via ROS-mediated P38 MAPK/AKT and OXPHOS downregulation.

Excretion kinetics of 1,3-dichlorobenzene and its urinary metabolites after controlled airborne exposure in human volunteers.

Serum Level of Protein-Bound Uraemic Toxins in Haemodialysis Patients with Chronic Kidney Disease-Associated Pruritus: Myths and Facts.

Can Sulfonylureas for Agricultural Use Cause Diabetes? A Report of Three Cases.

Vineyard Management and Physicochemical Parameters of Soil Affect Native Trichoderma Populations, Sources of Biocontrol Agents against *Phaeoacremonium minimum*.

Changes of Gut Microbiome in Adolescent Patients with Chronic Spontaneous Urticaria After Omalizumab Treatment.

Purification and biochemical characterization of two laccase isoenzymes isolated from *Trichoderma harzianum* S7113 and its application for bisphenol A degradation.

PROFESSIONAL RISKS FOR AGRICULTURAL PERSONNEL TREATING BERRIES AND MELON CROPS WITH PESTICIDES.

Spectroscopic contribution to glyphosate toxicity profile and the remedial effects of *Momordica charantia*.

Pathophysiological Changes in Rhesus Monkeys with Paraquat-Induced Pulmonary Fibrosis.

Unveiling the nexus between parental exposure to toxicants and heritable spermiotoxicity - Is life history a shield or a shadow?

The toxicokinetics of acute paraquat poisoning in specific patients: a case series.

[Study on the Protective effect and mechanism of Nicotinamide Riboside on lung injury in paraquat intoxicated mice].

Subacute dermal toxicity study of bensulfuron-methyl in Sprague-Dawley rats.

Protective role of green tea against paraquat toxicity in *Allium cepa* L.: physiological, cytogenetic, biochemical, and anatomical assessment.

First report on the production of phytotoxic metabolites by *Mycoleptodiscus indicus* under optimized conditions of submerged fermentation.

Aqueous *Thunbergia laurifolia* leaf extract alleviates paraquat-induced lung injury in rats by inhibiting oxidative stress and inflammation.

Toxicity of commercial atrazine in *Rattus norvegicus* organs as a function of concentration: histopathological, ultrastructural and hematological evaluation.

Health risk assessment of exposure to atrazine in the soil of Shiraz farmlands, Iran.

Multidimensional bioresponses in nematodes contribute to the antagonistic toxic interaction between pentachlorophenol and TiO₂ nanoparticles in soil.

DNA Double-Strand Breaks Induced in Human Cells by 6 Current Pesticides: Intercomparisons and Influence of the ATM Protein.

Attenuating effect of *Prosopis cineraria* against paraquat-induced toxicity in prepubertal mice, *Mus musculus*.

Disruption of developmental programming with long-term consequences after exposure to a glyphosate-based herbicide in a rat model.

Prediction of optical coherence tomography-detected calcified nodules using coronary computed tomography angiography.

A proposed NAM-based tiered phototoxicity testing and human risk assessment framework for agrochemicals.

The immediate patch test reaction to fragrance in patients with allergic contact dermatitis to fragrance: A prospective study.

Network pharmacology and molecular docking-based prediction of active compounds and mechanisms of action of *Cnidii Fructus* in treating atopic dermatitis.

Arsenic exposure and respiratory outcomes during childhood in the INMA study.

Evaluation of cinnamaldehyde mucoadhesive patches on minor recurrent aphthous stomatitis: a randomized, double-blind, placebo-controlled clinical trial.

Protective effect of cinnamaldehyde on channel catfish infected by drug-resistant *Aeromonas hydrophila*.

[Imaging features of 10 patients with toxic encephalopathy caused by diquat].

Wnt-induced secreted proteins-1 play an important role in paraquat-induced pulmonary fibrosis.

[Clinical features of 86 cases of acute diquat poisoning].

[A five-year follow-up report on lung imaging and exercise endurance of a patient with paraquat poisoning].

Cinnamaldehyde as antimicrobial in cellulose-based dental appliances.

Anticancer Effects of Cinnamaldehyde Through Inhibition of ErbB2/HSF1/LDHA Pathway in 5637 Cell Line of Bladder Cancer.

Fluroxypyr-1-methylheptyl ester induced ROS production and mitochondrial apoptosis through the MAPK signaling cascade in porcine trophectoderm and uterine luminal epithelial cells.

The shikimate pathway regulates programmed cell death.

Cinnamaldehyde-Based Self-Nanoemulsion (CA-SNEDDS) Accelerates Wound Healing and Exerts Antimicrobial, Antioxidant, and Anti-Inflammatory Effects in Rats' Skin Burn Model.

Ethalfuralin impairs implantation by aggravation of mitochondrial viability and function during early pregnancy.

Dinitramine induces implantation failure by cell cycle arrest and mitochondrial dysfunction in porcine trophectoderm and luminal epithelial cells.

Dimethylmonothioarsenate Is Highly Toxic for Plants and Readily Translocated to Shoots.

Hexagonal liquid crystalline system containing cinnamaldehyde for enhancement of skin permeation of sinomenine hydrochloride.

Firefighters' urinary concentrations of VOC metabolites after controlled-residential and training fire responses.

Single-Center Experience With Paraquat Exposure in Nine Patients.

TRPA1 Channel Activation With Cinnamaldehyde Induces Cutaneous Vasodilation Through NOS, but Not COX and KCa Channel, Mechanisms in Humans.

BDE-209 and TCDD enhance metastatic characteristics of melanoma cells after chronic exposure.

A cell-based evaluation of human tyrosinase-mediated metabolic activation of leukoderma-inducing phenolic compounds.

A NIR-II light-modulated injectable self-healing hydrogel for synergistic photothermal/chemodynamic/chemo-therapy of melanoma and wound healing promotion.

Severe methyl bromide poisoning causing early acute renal failure and anuria: a case report.

Histopathological and immunohistochemical evaluation for detecting changes in blood hormone levels caused by endocrine disruptors in a 28-day repeated-dose study in rats.

The effect of iron sulfate nanoparticles and their fortified bread on Wistar rats and human cell lines.

Contact allergy to the Dexcom G6 glucose monitoring system-Role of 2,2'-methylenebis(6-tert-butyl-4-methylphenol) monoacrylate in the new adhesive.

Barbaloin attenuates pulmonary fibrosis through TGF- β 1/Smads/p38 pathway.

Nano-silica particles synergistically IgE-mediated mast cell activation exacerbating allergic inflammation in mice.

Further Evidence of Allergic Contact Dermatitis Caused by 2,2'-Methylenebis(6- tert -Butyl-4-Methylphenol) Monoacrylate, a New Sensitizer in the Dexcom G6 Glucose Sensor.

Eyelid malignancies in young individuals: clinical peculiarities.

Mild Mitochondrial Uncoupling Decreases Experimental Atherosclerosis, A Proof of Concept.

Sodium arsenite does not affect prostate carcinogenesis in a chemically-hormonally-induced rat model.

Rosmarinus officinalis L. Leaf Extracts and Their Metabolites Inhibit the Aryl Hydrocarbon Receptor (AhR) Activation In Vitro and in Human Keratinocytes: Potential Impact on Inflammatory Skin Diseases and Skin Cancer.

Toxic Effects of Endocrine Disruptor Exposure on Collagen-Induced Arthritis.

Severe cresol poisoning caused by massive dermal exposure.

Initial Real-World Experience With Cenobamate in Adolescents and Adults: A Single Center Experience.

TCDD aggravates the formation of the atherosclerotic plaque in ApoE KO mice with a sexual dimorphic pattern.

Flavoring agent dihydrocoumarin alleviates IgE-mediated mast cell activation and allergic inflammation.

Cancer and occupational exposure to pesticides: a bibliometric study of the past 10 years.

Metabolic trade-offs favor regulated hypothermia and inhibit fever in immune-challenged chicks.

Ubiquitinated gasdermin D mediates arsenic-induced pyroptosis and hepatic insulin resistance in rat liver.

False-negative chemicals in ESR-based photosafety test (ESR-PT) and their significance for photosafety evaluations: examples of bithionol, fenticlor and cilnidipine.

Oxidative Damage Induced Telomere Mediated Genomic Instability in Cells from Ataxia Telangiectasia Patients.

Rare fatal poisoning through dermal exposure to paraquat.

Quercetin Zinc and Iron Metal Complexes Protect against Sodium Arsenite Intoxication in the Hepato-Renal System of Wistar Rats via the Oxidative Stress Pathway.

Oxidized sodium alginate crosslinked silk fibroin composite scaffold for skin tissue engineering.

Assessment of Cosmetic and Dermatological Properties and Safety of Use of Model Skin Tonics with Kombucha-Fermented Red Berry Extracts.

Adjuvants in fungicide formulations can be skin sensitizers and cause different types of cell stress responses.

Post-Translational Modifications Evoked by Reactive Carbonyl Species in Ultraviolet-A-Exposed Skin: Implication in Fibroblast Senescence and Skin Photoaging.

Structures and Biological Activities of Secondary Metabolites from *Trichoderma harzianum*.

Optical characteristics of the skin with dark circles using pump-probe imaging.

Aclonifen could induce implantation failure during early embryonic development through apoptosis of porcine trophoblast and uterine luminal epithelial cells.

Partition of phthalates among air, PM_{2.5}, house dust and skin in residential indoor environments.

Microbiome alterations from volatile organic compounds (VOC) exposures among workers in salons primarily serving women of color.

Targeted medical examinations for workers exposed to fumigants.

Microplastic-Induced Oxidative Stress in Metolachlor-Degrading Filamentous Fungus *Trichoderma harzianum*.

Chemical Composition and Cytotoxic Activity of Extracts from *Carpesium divaricatum*: In Vitro- versus Field-Grown Plants.

Trade-off for survival: Microbiome response to chemical exposure combines activation of intrinsic resistances and adapted metabolic activity.

Approaches for the establishment of optimized co-culture system of multiple *Trichoderma* strains for culture metabolites highly effective in cucumber growth promotion.

First report on atrazine monitoring in drinking water from Ijebu-North, South-West Nigeria: Human health risk evaluation and reproductive toxicity studies.

Efficacy of kangfuxin liquid on radiotherapy-induced oral mucositis for patients with head and neck squamous cell carcinoma and its effect on salivary glands and immune function.

Food-derived bioactive oligopeptide iron complexes ameliorate iron deficiency anemia and offspring development in pregnant rats.

A prominent dual heterojunction framed CuWO₄/Bi₂WO₆/MnS ternary NCs for para-chlorophenol degradation, Cr(VI) reduction & toxicity studies.

Health risk assessment of polychlorinated biphenyls (PCBs) in baby clothes. A preliminary study.

Microbiome profiling of nasal extracellular vesicles in patients with allergic rhinitis.

Beneficial effect on the soil microenvironment of *Trichoderma* applied after fumigation for cucumber production.

Supporting discovery and development of medical countermeasures for chemical injury to eye and skin.

Dietary *Bacillus licheniformis* improves the effect of *Astragalus membranaceus* extract on blood glucose by regulating antioxidation activity and intestinal microbiota in InR[E19]/TM2 *Drosophila melanogaster*.

In Vitro Assessment of Pesticides Toxicity and Data Correlation with Pesticides Physicochemical Properties for Prediction of Toxicity in Gastrointestinal and Skin Contact Exposure.

The combined effects of Map3k1 mutation and dioxin on differentiation of keratinocytes derived from mouse embryonic stem cells.

Improving knowledge on genotoxicity dynamics in somatic and germ cells of crayfish (*Procambarus clarkii*).

Comparison of "click-to-sense" assay with frozen section analysis using simulated surgical margins in breast cancer patients.

Effects of Autophagy Modulators and Dioxin on the Expression of Epidermal Differentiation Proteins on Psoriasis-Like Keratinocytes in vitro and ex vivo.

Outcome of the first survey of atrazine in drinking water from Ijebu-North, South-West, Nigeria: Human health risk and neurotoxicological implications.

Organic and Conventional Bean Pesticides in Development of Autochthonous *Trichoderma* Strains.

Red propolis reduces inflammation in cyclophosphamide-induced hemorrhagic cystitis in rats.

The Anti-CGRP Antibody Fremanezumab Lowers CGRP Release from Rat Dura Mater and Meningeal Blood Flow.

Inclusion of Montmorillonite Clays in Environmental Barrier Formulations to Reduce Skin Exposure to Water-Soluble Chemicals from Polluted Water.

Prediction of tissue and urine concentrations of 2-phenoxyethanol and its metabolite 2-phenoxyacetic acid in rat and human after oral and dermal exposures via GastroPlus(TM) physiologically based pharmacokinetic modelling.

Cytotoxic effects of Roundup Classic and its components on NE-4C and MC3T3-E1 cell lines determined by biochemical and flow cytometric assays.

[A case of occupational allyl alcohol inhalation poisoning].

Valorization of Kiwiberry Leaves Recovered by Ultrasound-Assisted Extraction for Skin Application: A Response Surface Methodology Approach.

The bZIP Ap1 transcription factor is a negative regulator of virulence attributes of the anthropophilic dermatophyte *Trichophyton rubrum*.

Thunbergia laurifolia aqueous leaf extract ameliorates paraquat-induced kidney injury by regulating NADPH oxidase in rats.

Dermal Exposure to Hazardous Chemicals in Baby Diapers: A Re-Evaluation of the Quantitative Health Risk Assessment Conducted by The French Agency for Food, Environmental and Occupational Health and Safety (ANSES).

Diquat Poisoning: Care Management and Medico-Legal Implications.

Assessing the Role of Carbonyl Adducts, Particularly Malondialdehyde Adducts, in the Development of Dermis Yellowing Occurring during Skin Photoaging.

Laser-induced choroidal neovascularization detected on optical coherence tomography angiography in patients with diabetic retinopathy.

Plant-Derived Molecule 4-Methylumbelliferone Suppresses Fc ϵ RI-Mediated Mast Cell Activation and Allergic Inflammation.

Degradation of 2,6-dichlorophenol by *Trichoderma longibraciatum* Isolated from an industrial Soil Sample in Dammam, Saudi Arabia.

Profile occurrences and in vitro effects of toxic organic pollutants in metal shredding facilities in Wallonia (Belgium).

Some novel hybrid quinazoline-based heterocycles as potent cytotoxic agents.

6-Formylindolo[3,2-b]carbazole, a Potent Ligand for the Aryl Hydrocarbon Receptor Produced Both Endogenously and by Microorganisms, can Either Promote or Restrain Inflammatory Responses.

Salicylic Acid Acts Antagonistically to Plastid Retrograde Signaling by Promoting the Accumulation of Photosynthesis-associated Proteins in Arabidopsis.

Contact allergy to fragrance mix I and its components in individuals with photocontact allergy to ketoprofen.

Thoracic radiographic features of fatal paraquat intoxication in eleven dogs.

Evaluation of the genotoxic, mutagenic, and histopathological hepatic effects of polyoxyethylene amine (POEA) and glyphosate on *Dendropsophus minutus* tadpoles.

Subchronic exposure to a glyphosate-based herbicide causes dysplasia in the digestive tract of Wistar rats.

Antioxidative Composites Based on Multienzyme Systems Encapsulated in Metal-Organic Frameworks.

Multiple Level Effects of Imazethapyr on *Leptodactylus latinasus* (Anura) Adult Frogs.

Co-formulants and adjuvants affect the acute aquatic and terrestrial toxicity of a cycloxydim herbicide formulation to European common frogs (*Rana temporaria*).

Use of *Lens culinaris* Med test as environmental bioindicator to identify the cytogenotoxic effect of paraquat pesticide.

Chemical Burns from Secondary Exposure to Paraquat Through Mishandling Urine of a Patient with Toxic Exposure.

Glyphosate and Polyoxyethyleneamine Ingestion Leading to Renal, Hepatic, and Pulmonary Failure.

Glyphosate use in urban landscape soils: Fate, distribution, and potential human and environmental health risks.

Roles of Bak and Sirt3 in Paraquat-Induced Cochlear Hair Cell Damage.

Route of exposure influences pesticide body burden and the hepatic metabolome in post-metamorphic leopard frogs.

Amazonian soil fungi are efficient degraders of glyphosate herbicide; novel isolates of *Penicillium*, *Aspergillus*, and *Trichoderma*.

Effects of the emulsifiable herbicide Dicamba on amphibian tadpoles: an underestimated toxicity risk?

Paraquat pharmacokinetics in primates and extrapolation to humans.

Carcinogenicity and chronic toxicity of acrolein in rats and mice by two-year inhalation study.

In vitro dosimetry analyses for acrolein exposure in normal human lung epithelial cells and human lung cancer cells.

Modulation of BAG3 expression in human normal urothelial cells by Diuron.

Specific collagens maintain the cuticle permeability barrier in *Caenorhabditis elegans*.

Evaluation of the potential teratogenic and toxic effect of the herbicide 2,4-D (DMA[®] 806) in bullfrog embryos and tadpoles (*Lithobates catesbeianus*).

A Phosphonate Natural Product Made by *Pantoea ananatis* is Necessary and Sufficient for the Hallmark Lesions of Onion Center Rot.

Evaluation of dietary dose administration as an alternative to oral gavage in the rodent uterotrophic and Hershberger assays.

Genotoxic and epigenetic effects of diuron in the Pacific oyster: in vitro evidence of interaction between DNA damage and DNA methylation.

Fragrance- and Botanical-Related Allergy and Associated Concomitant Reactions: A Retrospective Analysis of the North American Contact Dermatitis Group Data 2007-2016.

Agrochemicals in freshwater systems and their potential as endocrine disrupting chemicals: A South African context.

Carnosine quenches the reactive carbonyl acrolein in the central nervous system and attenuates autoimmune neuroinflammation.

Digital image processing: a useful tool in the analysis of lung injuries caused by chronic inhalation of agricultural herbicides.

Cinnamaldehyde inhibits psoriasis-like inflammation by suppressing proliferation and inflammatory response of keratinocytes via inhibition of NF- κ B and JNK signaling pathways.

Antibiotics and Imiquimod for Cutaneous T-Cell Lymphoma in Veterans: A Patient Population with Agent Orange Exposure.

Acrolein Induces Systemic Coagulopathy via Autophagy-dependent Secretion of von Willebrand Factor in Mice after Traumatic Brain Injury.

Evaluation of Multiple Organ Dysfunction Score (MODS) and the Sequential Organ Failure Assessment (SOFA) score as in-hospital outcome predictors among cases of hydrogen cyanamide exposure: a cross-sectional study.

[A case of allergic cutaneous vasculitis caused by glyphosate].

High-dose diquat poisoning: a case report.

Health-Related Quality of Life and Angina in Fractional Flow Reserve- Versus Angiography-Guided Coronary Artery Bypass Grafting: FARGO Trial (Fractional Flow Reserve Versus Angiography Randomization for Graft Optimization).

Essential oils and their components in combating fungal pathogens of animal and human skin.

Assessment of the different skin sensitization potentials of irritants and allergens as single substances and in combination using the KeratinoSens assay.

Acrolein scavenger dimercaprol offers neuroprotection in an animal model of Parkinson's disease: implication of acrolein and TRPA1.

The Onset of Systemic Oxidative Stress Associated with the Accumulation of Lipid Peroxidation Product Acrolein in the Skin of Patients with Small-Vessel Vasculitis.

Emerging Pathogens and a Current-Use Pesticide: Potential Impacts on Eastern Hellbenders.

Potential of *Trichoderma harzianum* and Its Metabolites to Protect Wheat Seedlings against *Fusarium culmorum* and 2,4-D.

Cytotoxic effects on cancerous and non-cancerous cells of trans-cinnamaldehyde, carvacrol, and eugenol.

Cause Clarification of Cysteine Oxidation by Active Species Generated during the Oxidation Process of Cinnamaldehyde and Impact on an In Chemico Alternative Method for Skin Sensitization Using a Nucleophilic Reagent Containing Cysteine.

Effects of sodium arsenite and dimethyl arsenic acid on Liaoning cashmere goat skin fibroblasts.

Rare, Protein-Altering Variants in AS3MT and Arsenic Metabolism Efficiency: A Multi-Population Association Study.

Chrysin attenuates sodium arsenite-induced nephrotoxicity in rats by suppressing oxidative stress and inflammation.

Behavioural responses of *Phlebotomus duboscqi* to plant-derived volatile organic compounds.

Bikini textile contact dermatitis: A Sherlockian approach revealing 2,4-dichlorophenol as a potential textile contact allergen.

Aryl Hydrocarbon Receptor Repressor Is Hypomethylated in Psoriasis and Promotes Psoriasis-like Inflammation in HaCaT Cells.

Role of AHR Ligands in Skin Homeostasis and Cutaneous Inflammation.

DNA Damage and Expression Profile of Genes Associated with Nephrotoxicity Induced by Butralin and Ameliorating Effect of Arabic Gum in Female Rats.

Respiratory characteristics of the tammar wallaby pouch young and functional limitations in a newborn with skin gas exchange.

A UVB-responsive common variant at chromosome band 7p21.1 confers tanning response and melanoma risk via regulation of the aryl hydrocarbon receptor, AHR.

Staphylococcus aureus Peptide Methionine Sulfoxide Reductases Protect from Human Whole-Blood Killing.

Associations between Exposure to Organochlorine Chemicals and Endometriosis: A Systematic Review of Experimental Studies and Integration of Epidemiological Evidence.

Iron preparations for women of reproductive age with iron deficiency anaemia in pregnancy (FRIDA): a systematic review and network meta-analysis.

Dynamic alteration in miRNA and mRNA expression profiles at different stages of chronic arsenic exposure-induced carcinogenesis in a human cell culture model of skin cancer.

Chloracne: a case series on cutaneous expression of CYP1A1 as diagnostic biomarker.

Role of inhibiting Chk1-p53 pathway in hepatotoxicity caused by chronic arsenic exposure from coal-burning.

Gallic acid ameliorates sodium arsenite-induced renal and hepatic toxicity in rats.

Pharmacology of Cenobamate: Mechanism of Action, Pharmacokinetics, Drug-Drug Interactions and Tolerability.

Regulated hypothermia in response to endotoxin in birds.

Benzo(a)pyrene Enhanced Dermatophagoides Group 1 (Der f 1)-Induced TGF β 1 Signaling Activation Through the Aryl Hydrocarbon Receptor-RhoA Axis in Asthma.

Rapamycin Alleviates 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Induced Aggravated Dermatitis in Mice with Imiquimod-Induced Psoriasis-Like Dermatitis by Inducing Autophagy.

The ups and downs of alkyl-carbamates in epilepsy therapy: How does cenobamate differ?

Impact of congenital diaphragmatic hernia on diaphragm muscle function in neonatal rats.

Microbial metabolism of L-tyrosine protects against allergic airway inflammation.

Insulin, Not the Preservative m-cresol, Instigates Loss of Infusion Site Patency Over Extended Durations of CSII in Diabetic Swine.

Pbx1, Meis1, and Runx1 Expression Is Decreased in the Diaphragmatic and Pulmonary Mesenchyme of Rats with Nitrofen-Induced Congenital Diaphragmatic Hernia.

Kindlin-3 and RASSF6 are probable biomarkers for predicting metastasis in cutaneous melanoma.

Why is the Incidence of Type 1 Diabetes Increasing?

Biological Therapies for Atopic Dermatitis: A Systematic Review.

Epithelial cell-adhesion protein cadherin 26 is dysregulated in congenital diaphragmatic hernia and congenital pulmonary airway malformation.

Exposure to pollutants altered glucocorticoid signaling and clock gene expression in female mice. Evidence of tissue- and sex-specificity.

Neurological Sequela of Acute Pesticide Poisoning Among Adults in Central Taiwan.

Suppression of apoptotic signaling in rat hepatocytes by non-dioxin-like polychlorinated biphenyls depends on the receptors CAR and PXR.

Chronic Dietary Exposure of Roosters to a Glyphosate-Based Herbicide Increases Seminal Plasma Glyphosate and AMPA Concentrations, Alters Sperm Parameters, and Induces Metabolic Disorders in the Progeny.

Impact of heat on biological concentrations of toluene and acetone resulting from exposure by inhalation: A pilot study.

On the Flip Side of Mask Wearing: Increased Exposure to Volatile Organic Compounds and a Risk-Reducing Solution.

Evaluation of Behavioral Changes and Tissue Damages in Common Carp (*Cyprinus carpio*) after Exposure to the Herbicide Glyphosate.

Effect of fermentation time on the content of bioactive compounds with cosmetic and dermatological properties in Kombucha Yerba Mate extracts.

Construction and Validation of a Novel Immunosignature for Overall Survival in Uveal Melanoma.

Polychlorinated biphenyls in indoor dust from urban dwellings of Lahore, Pakistan: Congener profile, toxicity equivalency, and human health implications.

Cutaneous Effects of In Utero and Lactational Exposure of C57BL/6J Mice to 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

A Combination Sulfuryl Fluoride and Propylene Oxide Treatment for *Trogoderma granarium* (Coleoptera: Dermestidae).

Personal exposure assessment of pesticides in residents: The association between hand wipes and urinary biomarkers.

Can kissing cause paraquat poisoning: A case report and review of literature.

Cigarette Smoke Containing Acrolein Upregulates EGFR Signaling Contributing to Oral Tumorigenesis In Vitro and In Vivo.

Advancing continuous subcutaneous insulin infusion in vivo: New insights into tissue challenges.

Novel Extract from Beetle *Ulomoides dermestoides*: A Study of Composition and Antioxidant Activity.

Harzianic Acid from *Trichoderma afroharzianum* Is a Natural Product Inhibitor of Acetohydroxyacid Synthase.

Pharmacokinetics of 2-phenoxyethanol and its major metabolite, phenoxyacetic acid, after dermal and inhaled routes of exposure: application to development PBPK model in rats.

Combination of Modified Atmosphere and Irradiation for the Phytosanitary Disinfestation of *Trogoderma granarium* Everts (Coleoptera: Dermestidae).

Tenuazonic Acid-Triggered Cell Death Is the Essential Prerequisite for *Alternaria alternata* (Fr.) Keissler to Infect Successfully Host *Ageratina adenophora*.

Combined toxic effects of dioxin-like PCB77 with Fe-based nanoparticles in earthworm *Eisenia fetida*.

Complex Coronary Instant Chronic Total Occlusion Lesions: Oxidative Stress, Inflammation, and Coronary Stent Lengths.

Prolonged cognitive dysfunction in patient with splenic lesion of the corpus callosum caused by glufosinate ammonium poisoning.

AGENT ORANGE-INDUCED Anaplastic Large-Cell Lymphoma (ALCL) with Cutaneous Involvement.

Toxicity of boric acid, borax and other boron containing compounds: A review.

Neuropathy and chloracne induced by 3,5,6-trichloropyridin-2-ol sodium: Report of three cases.

Genome-wide association study in hexaploid wheat identifies novel genomic regions associated with resistance to root lesion nematode (*Pratylenchus thornei*).

Analysis of the Soil Fumigant, Dimethyl Disulfide, in Swine Blood by Dynamic Headspace Gas Chromatography-Mass Spectroscopy.

NF-Y is critical for the proper growth of zebrafish embryonic heart and its cardiomyocyte proliferation.

Design of epidermal growth factor immobilization on 3D biocompatible scaffolds to promote tissue repair and regeneration.

Targeted Metabolomics Identifies Plasma Biomarkers in Mice with Metabolically Heterogeneous Melanoma Xenografts.

2,4-Dichlorophenoxyacetic Acid Poisoning Mimicking as Organophosphorus Poisoning.

Arsenic-induced HER2 promotes proliferation, migration and angiogenesis of bladder epithelial cells via activation of multiple signaling pathways in vitro and in vivo.

Oxidative Stress and Lipid Mediators Modulate Immune Cell Functions in Autoimmune Diseases.

Protective effect of melatonin against herbicides-induced hepatotoxicity in rats.

Urinary glyphosate biomonitoring of sprayers in vegetable farm in Thailand.

Effects of wood distillate (pyroligneous acid) on sensitive bioindicators (lichen and moss).

Octreotide alleviates pancreatic damage caused by paraquat in rats by reducing inflammatory responses and oxidative stress.

Toxicological impacts of herbicide paraquat dichloride on histological profile (gills, liver, and kidney) of freshwater fish *Channa punctatus* (Bloch).

Effect of zinc supplementation on chronic hepatorenal toxicity following oral exposure to glyphosate-based herbicide (Bushfire[®]) in rats.

[Treatment of "hydration therapy" for acute paraquat poisoning].

Cichoric acid attenuates the toxicity of mesotrione. Effect on in vitro skin cell model.

Exposure to a Glyphosate-based Herbicide Alters the Expression of Key Regulators of Mammary Gland Development on Pre-pubertal Male Rats.

Relationship between agrochemical compounds and mammary gland development and breast cancer.

Environmental Pollution, Oxidative Stress and Thioretinaco Ozonide: Effects of Glyphosate, Fluoride and Electromagnetic Fields on Mitochondrial Dysfunction in Carcinogenesis, Atherogenesis and Aging.

Lipids, proteins and extracellular metabolites of *Trichoderma harzianum* modifications caused by 2,4-dichlorophenoxyacetic acid as a plant growth stimulator.

An integrated transcriptomic- and proteomic-based approach to evaluate the human skin sensitization potential of glyphosate and its commercial agrochemical formulations.

Exposure to diclofop-methyl induces cardiac developmental toxicity in zebrafish embryos.

Potential Role of Selenium Against Hepatotoxicity Induced by 2,4-Dichlorophenoxyacetic Acid in Albino Wistar Rats.

Increased severity associated with tallowamine in acute glyphosate poisoning.

[CT manifestations and prognosis of acute paraquat induced lung injury].

2,4-Dichlorophenoxyacetic Thiosemicarbazides as a New Class of Compounds Against Stomach Cancer Potentially Intercalating with DNA.

A comprehensive analysis of the animal carcinogenicity data for glyphosate from chronic exposure rodent carcinogenicity studies.

A Biostimulant Obtained from the Seaweed *Ascophyllum nodosum* Protects *Arabidopsis thaliana* from Severe Oxidative Stress.

A *Caenorhabditis elegans* ortholog of human selenium-binding protein 1 is a pro-aging factor protecting against selenite toxicity.

Effects of DNA polymerase kappa and mismatch repair on dose-responses of chromosome aberrations induced by three oxidative genotoxins in human cells.

Endoplasmic reticulum stress-related neuroinflammation and neural stem cells decrease in mice exposure to paraquat.

Effects of Cinnamon (*Cinnamomum* spp.) in Dentistry: A Review.

Co-hybridized composite nanovesicles for enhanced transdermal eugenol and cinnamaldehyde delivery and their potential efficacy in ulcerative colitis.

In vitro efficacy study of *Cinnamomum zeylanicum* essential oil and cinnamaldehyde against the larval stage of *Echinococcus granulosus*.

Identification of a cytochrome P450 hydroxylase, CYP81E22, as a causative gene for the high sensitivity of soybean to herbicide bentazon.

Topical Delivery of Four Neuroprotective Ingredients by Ethosome-Gel: Synergistic Combination for Treatment of Oxaliplatin-Induced Peripheral Neuropathy.

Phoneutria toxin PnTx3-5 inhibits TRPV1 channel with antinociceptive action in an orofacial pain model.

Cinnamon extract inhibits allergen-specific immune responses in human and murine allergy models.

Antifungal and Antimicrobial Trichothecene Sesquiterpenes from the Marine Algicolous Fungus *Trichoderma brevicompactum* A-DL-9-2.

Spatial distribution, ecological and health risk assessment and source identification of atrazine in Shadegan international wetland, Iran.

Application of mixed natural preservatives to improve the quality of vacuum skin packaged beef during refrigerated storage.

Pilot study evaluating inhalation and dermal glyphosate exposure resulting from simulated heavy residential consumer application of Roundup®.

Development of a chromophore-solid phase peptide reaction assay (C-SPRA) for assessing skin sensitization in vitro.

Chemical Defoliant Promotes Leaf Abscission by Altering ROS Metabolism and Photosynthetic Efficiency in *Gossypium hirsutum*.

Influence of a Commercial Biological Fungicide containing *Trichoderma harzianum* Rifai T-22 on Dissipation Kinetics and Degradation of Five Herbicides in Two Types of Soil.

Biotransformation and detoxification of chloroacetanilide herbicides by *Trichoderma* spp. with plant growth-promoting activities.

Do you smell the danger? Effects of three commonly used pesticides on the olfactory-mediated antipredator response of zebrafish (*Danio rerio*).

Dermal absorption of diquat and potential occupational risk.

Arsenic compounds activate the MAPK and caspase pathways to induce apoptosis in OECM1 gingival epidermal carcinoma.

Cenobamate for the treatment of focal epilepsies.

Histone demethylase JHDM2A regulates H3K9 dimethylation in response to arsenic-induced DNA damage and repair in normal human liver cells.

Polyphenol-rich fraction of *Alchornea cordifolia* leaf ameliorates arsenite-induced infertility in male rats.

Cisplatin-Induced Giant Cells Formation Is Involved in Chemoresistance of Melanoma Cells.

Glufosinate constrains synchronous and metachronous metastasis by promoting anti-tumor macrophages.

Pdgfr β -Cre mediated knockout of the aryl hydrocarbon receptor protects mice from high-fat diet induced obesity and hepatic steatosis.

[Biomonitoring of environmental exposure to inorganic arsenic].

Prebiotic inulin consumption reduces dioxin-like PCB 126-mediated hepatotoxicity and gut dysbiosis in hyperlipidemic Ldlr deficient mice.

Oct4 plays a role in 2, 3, 7, 8 - tetrachlorobenzo-p-dioxin (TCDD) inducing cleft palate and inhibiting mesenchymal proliferation.

Aryl Hydrocarbon Receptor-Dependent inductions of omega-3 and omega-6 polyunsaturated fatty acid metabolism act inversely on tumor progression.

Eckol from *Ecklonia cava* Suppresses Immunoglobulin E-mediated Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice.

Chronic Systemic Exposure to Low-Dose Rotenone Induced Central and Peripheral Neuropathology and Motor Deficits in Mice: Reproducible Animal Model of Parkinson's Disease.

The role of PSMB5 in sodium arsenite-induced oxidative stress in L-02 cells.

Alcohol-Related Dermatitis: A Review.

Inorganic arsenic methylation capacity and breast cancer by immunohistochemical subtypes in northern Mexican women.

A murine model of *Staphylococcus aureus* infected chronic diabetic wound: A new tool to develop alternative therapeutics.

Death of an apprentice bodybuilder following 2,4-dinitrophenol and clenbuterol intake.

Allergy to metacresol in a type 2 diabetes patient.

Research Note: Evaluation of dietary administration of sodium chlorate and sodium nitrate for *Histomonas meleagridis* prophylaxis in turkeys.

Pegylated carbon nitride nanosheets for enhanced reactive oxygen species generation and photodynamic therapy under hypoxic conditions.

The association between pesticide use and cutaneous melanoma: a systematic review and meta-analysis.

Role of Aryl Hydrocarbon Receptor Activation and Autophagy in Psoriasis-Related Inflammation.

Enhanced antitumor potential induced by chloroacetate-loaded benzophenones acting as fused tubulin-pyruvate dehydrogenase kinase 1 (PDHK1) ligands.

Synthesis of 2'-Deoxyuridine Modified with a 3,5-Difluoro-4-Methoxybenzylidene Imidazolinone Derivative for Incorporation into Oligonucleotide Probes for Detection of HER2 Breast Cancer Marker.

M2-like polarization of THP-1 monocyte-derived macrophages under chronic iron overload.

Synthesis and Characterization of Ru(II) Complexes with π -Expansive Imidazophen Ligands for the Photokilling of Human Melanoma Cells.

PCB126 blocks the thermogenic beiging response of adipocytes.

Cytochrome P450 1A2 activity and incidence of thyroid disease and cancer after chronic or acute exposure to dioxins.

Evolution-guided discovery of antibiotics that inhibit peptidoglycan remodelling.

Cecal Tumorigenesis in Aryl Hydrocarbon Receptor-Deficient Mice Depends on Cecum-Specific Mitogen-Activated Protein Kinase Pathway Activation and Inflammation.

Microcomedones in non-lesional acne prone skin New orientations on comedogenesis and its prevention.

In vivo acute toxicity and anti-gastric evaluation of a novel dichloro Schiff base: Bax and HSP70 alteration.

Skin application of glutathione and iron sulfate can inhibit elicitation of allergic contact dermatitis from hexavalent chromium.

Contact sensitization to cosmetic series of allergens in patients with rosacea: A prospective controlled study.

Prostate Cancer Screening Guidelines for African American Veterans: A New Perspective.

Understanding skin absorption of common aldehyde vapours from exposure during hazardous material incidents.

Is the skin an important exposure route for workers during cyanogen fumigation?

Transient receptor potential ankyrin 1 (TRPA1)-mediated toxicity: friend or foe?

An Ascophyllum nodosum-Derived Biostimulant Protects Model and Crop Plants from Oxidative Stress.

Lab-on-fruit skin and lab-on-leaf towards recognition of trifluralin using Ag-citrate/GQDs nanocomposite stabilized on the flexible substrate: A new platform for the electroanalysis of herbicides using direct writing of nano-inks and pen-on paper technology.

The Metabolomics of Childhood Atopic Diseases: A Comprehensive Pathway-Specific Review.

Wearable Bracelet Monitoring the Solar Ultraviolet Radiation for Skin Health Based on Hybrid IPN Hydrogels.

Mucuna pruriens in Parkinson's and in some other diseases: recent advancement and future prospective.

Impact of AHR Ligand TCDD on Human Embryonic Stem Cells and Early Differentiation.

Effects of Yeast Mannan Which Promotes Beneficial Bacteroides on the Intestinal Environment and Skin Condition: A Randomized, Double-Blind, Placebo-Controlled Study.

2,3,7,8-Tetrachlorodibenzo-p-Dioxin Regulates the Expression of Aryl Hydrocarbon Receptor-Related Factors and Cytokines in Peripheral Blood Mononuclear Cells and CD4⁺ T cells from Patients with Atopic Dermatitis and Psoriasis.

TCDD-induced multi- and transgenerational changes in the methylome of male zebrafish gonads.

Efficacy of Mushroom Metabolites (*Pleurotus ostreatus*) as A Natural Product for the Suppression of Broomrape Growth (*Orobancha crenata* Forsk) in Faba Bean Plants.

Regulation of the Morphological and Physical Properties of a Soft Tissue Scaffold by Manipulating DD and DS of O-Carboxymethyl Chitin.

Not All Fun and Games: A Case Report of Contact Dermatitis Related to Slime and Play-Doh.

[Hyper-Resistance of the *Bacillus licheniformis* 24 Strain to Oxidative Stress Is Associated with Overexpression of Enzymatic Antioxidant System Genes].

Protective effects of phenelzine administration on synaptic and non-synaptic cortical mitochondrial function and lipid peroxidation-mediated oxidative damage following TBI in young adult male rats.

Severe chemical burns related to dermal exposure to herbicide containing glyphosate and glufosinate with surfactant in Korea.

Herbicidal efficacy of harzianins produced by the biofertilizer fungus, *Trichoderma brevicompactum*.

Skin burns from monochloroacetic acid leak in a chemical plant: a case report.

Ethanedinitrile as a Fumigant for *Lasioderma serricorne* (Coleoptera: Anobiidae), and *Rhyzopertha dominica* (Coleoptera: Bostrichidae): Toxicity and Mode of Action.

Cytoprotection, Genoprotection, and Dermal Exposure Assessment of Chitosan-Based Agronanofungicides.

Sodium arsenite toxicity on hematology indices and reproductive parameters in Teddy goat bucks and their amelioration with vitamin C.

Chronic arsenic exposure impairs adaptive thermogenesis in male C57BL/6J mice.

Chitosan-Based Agronanofungicides as a Sustainable Alternative in the Basal Stem Rot Disease Management.

Sarcoidosis: Causes, Diagnosis, Clinical Features, and Treatments.

Potential Beneficial Effects of *Digitaria ciliaris* Flower Absolute on the Wound Healing-Linked Activities of Fibroblasts and Keratinocytes.

In utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure exacerbates urinary dysfunction in hormone-treated C57BL/6J mice through a non-malignant mechanism involving proteomic changes in the prostate that differ from those elicited by testosterone and estradiol.

Protective Effect of the Aqueous Extract of *Deschampsia antarctica* (EDAFENCE(®)) on Skin Cells against Blue Light Emitted from Digital Devices.

Evaluation of the Effects of Agro Pesticides Use on Liver and Kidney Function in Farmers from Buea, Cameroon.

The Arabidopsis receptor kinase STRUBBELIG regulates the response to cellulose deficiency.

In-Vivo Optical Monitoring of the Efficacy of Epidermal Growth Factor Receptor Targeted Photodynamic Therapy: The Effect of Fluence Rate.

Diosmin ameliorative effects on oxidative stress and fibrosis in paraquat-induced lung injury in mice.

Assessment of oxidative stress and phospholipids alterations in chloroacetanilides-degrading *Trichoderma* spp.

Protective effect of *Ganoderma atrum* polysaccharide on acrolein-induced macrophage injury via autophagy-dependent apoptosis pathway.

Effects of 2,4-D-based herbicide (DMA(®) 806) on sensitivity, respiration rates, energy reserves and behavior of tadpoles.

Toxicology and human health risk assessment of polyethoxylated tallow amine surfactant used in glyphosate formulations.

The evaluation of the potential ecotoxicity of pyroligneous acid obtained from fast pyrolysis.

Biodegradation of diuron by endophytic *Bacillus licheniformis* strain SDS12 and its application in reducing diuron toxicity for green algae.

Determination of LC₅₀ of aerosolized paraquat and its pulmonary toxic implications in non-anesthetized rats.

[Protective effects of oligomeric proanthocyanidins in mice exposed to paraquat].

Acute in vitro exposure to environmentally relevant atrazine levels perturbs bovine preimplantation embryo metabolism and cell number.

Validating buccal swabbing as a minimal-invasive method to detect pesticide exposure in squamate reptiles.

[Treatment and nursing of one patient with burns on perineal region and complicated by secondary multiple organ injuries by exposing to paraquat fluid].

Glyphosate induces benign monoclonal gammopathy and promotes multiple myeloma progression in mice.

Mechanisms behind the atherothrombotic effects of acrolein, a review.

Toxicological effects of anthropogenic activities in *Geophagus brasiliensis* from a coastal river of southern Brazil: A biomarker approach.

Mutational signatures of redox stress in yeast single-strand DNA and of aging in human mitochondrial DNA share a common feature.

Homicidal Paraquat Poisoning.

Use of Pesticides and Health Risk among Farmers in Sunsari District, Nepal.

The MEK/ERK/CREB signaling pathway is involved in atrazine induced hippocampal neurotoxicity in Sprague Dawley rats.

Effects of glyphosate and aminomethylphosphonic acid on an isogenic model of the human blood-brain barrier.

The life-threatening rash of poisoning.

"Pink Sign": The Importance of Short-Term Occlusive Testing in Suspected Cases of Contact Urticaria.

Setal-epidermal, muscular and enzymatic anomalies induced by certain agrochemicals in the earthworm *Eudrilus eugeniae* (Kinberg).

Hepatotoxicity and reproductive disruption in male lizards (*Eremias argus*) exposed to glufosinate-ammonium contaminated soil.

Alleviation of paraquat-induced oxidative lung injury by betaine via regulation of sulfur-containing amino acid metabolism despite the lack of betaine-homocysteine methyltransferase (BHMT) in the lung.

Neonatal exposure to a glyphosate-based herbicide alters the histofunctional differentiation of the ovaries and uterus in lambs.

An approach to testing undiluted e-cigarette aerosol in vitro using 3D reconstituted human airway epithelium.

Biomarkers at different levels of organisation after atrazine formulation (SIPTRAN 500SC(®)) exposure in *Rhinella schneideri* (Anura: Bufonidae) Neotropical tadpoles.

Dual drug-loaded cubic liquid crystal gels for transdermal delivery: inner structure and percutaneous mechanism evaluations.

Brain ethanol-metabolizing enzymes are differentially expressed in lead-exposed animals after voluntary ethanol consumption: Pharmacological approaches.

In vitro activity of carvacrol, cinnamaldehyde and thymol combined with antifungals against *Malassezia pachydermatis*.

Side Effects of Coronary Stenting such as Severe Coronary Stenosis and Multiple Coronary Chronic Total Occlusions in Elderly Patients via Induced Proinflammatory and Prooxidative Stress.

Antimicrobial effects of cinnamon essential oil and cinnamaldehyde combined with EDTA against canine otitis externa pathogens.

Oxidative stress in vagal neurons promotes parkinsonian pathology and intercellular α -synuclein transfer.

Paraquat Preferentially Induces Apoptosis of Late Stage Effector Lymphocyte and Impairs Memory Immune Response in Mice.

The inhibition of hypoxia-induced angiogenesis and metastasis by cinnamaldehyde is mediated by decreasing HIF-1 α protein synthesis via PI3K/Akt pathway.

Topical Application of Cinnamaldehyde Promotes Faster Healing of Skin Wounds Infected with *Pseudomonas aeruginosa*.

Phytochemicals of Cinnamomi Cortex: Cinnamic Acid, but not Cinnamaldehyde, Attenuates Oxaliplatin-Induced Cold and Mechanical Hypersensitivity in Rats.

Cinnamaldehyde and eugenol attenuates collagen induced arthritis via reduction of free radicals and pro-inflammatory cytokines.

Temporal and spatial changes of peroxiredoxin 2 levels in aortic media at very early stages of atherosclerotic lesion formation in apoE-knockout mice.

Potent Phytotoxic Harziane Diterpenes from a Soft Coral-Derived Strain of the Fungus *Trichoderma harzianum* XS-20090075.

Cinnamaldehyde application decreases tail temperature in ovariectomized rats with and without estradiol administration.

REACH Worker Exposure Model for Co-formulants Used in Plant Protection Products.

Reduction of Kiss1 expression in the anteroventral periventricular nucleus is associated with atrazine-induced attenuation of the luteinizing hormone surge in female rats.

Chloracne and Hyperpigmentation Caused by Exposure to Hazardous Aryl Hydrocarbon Receptor Ligands.

Ischemic gastritis due to oral iron.

Lesion of the Locus Coeruleus Damages Learning and Memory Performance in Paraquat and Maneb-induced Mouse Parkinson's Disease Model.

Subcutaneous Injection of Drugs: Literature Review of Factors Influencing Pain Sensation at the Injection Site.

Photoelectrochemical detection of breast cancer biomarker based on hexagonal carbon nitride tubes.

Novel polymerase spiral reaction assay for the visible molecular detection of porcine circovirus type 3.

CDK4/6 inhibitor palbociclib suppresses IgE-mediated mast cell activation.

An All-Organic Semiconductor C(3) N(4) /PDINH Heterostructure with Advanced Antibacterial Photocatalytic Therapy Activity.

Extragenital cutaneous warts - clinical presentation, diagnosis and treatment.

Human exposure risk to semivolatile organic compounds via soil in automobile workshops in Awka, South Eastern, Nigeria.

Allergic contact dermatitis caused by isopropyl methylphenol, a new hapten.

Wound healing potential of oil extracted from *Parrotiopsis jacquemontiana* (Decne) Rehder.

Slime dermatitis.

Homemade slime: A contact dermatitis "perfect storm".

Development of Ion Mobility Spectrometry with Novel Atmospheric Electron Emission Ionization for Field Detection of Gaseous and Blister Chemical Warfare Agents.

A novel target for the promotion of dermal wound healing: Ryanodine receptors.

Mitochondrial Impairment in Oligodendroglial Cells Induces Cytokine Expression and Signaling.

A Toxicogenomic Approach Reveals a Novel Gene Regulatory Network Active in In Vitro and In Vivo Models of Thyroid Carcinogenesis.

Depressed prostaglandins and leukotrienes in veterans with Gulf War illness.

High Pesticide Exposure Events and Olfactory Impairment among U.S. Farmers.

Exposure to environmental concentrations of hexachlorobenzene induces alterations associated with endometriosis progression in a rat model.

Assessment of the nitrofen model of congenital diaphragmatic hernia and of the dysregulated factors involved in pulmonary hypoplasia.

Expression of dispatched RND transporter family member 1 is decreased in the diaphragmatic and pulmonary mesenchyme of nitrofen-induced congenital diaphragmatic hernia.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces peripheral blood abnormalities and plasma cell neoplasms resembling multiple myeloma in mice.

Allergic contact dermatitis to slime: The epidemic of isothiazolinone allergy encompasses school glue.

Novel metabolites from *Trichoderma atroviride* against human prostate cancer cells and their inhibitory effect on *Helicobacter pylori* and Shigella toxin producing *Escherichia coli*.

A "seasonal bromoderma" in a farmer.

Aryl Hydrocarbon Receptor Modulates the Expression of TNF- α and IL-8 in Human Sebocytes via the MyD88-p65NF- κ B/p38MAPK Signaling Pathways.

The higher prevalence of developmental defects of enamel in the dioxin-affected region than non-dioxin-affected region: result from a cross-sectional study in Vietnam.

Soil microalgae and cyanobacteria: the biotechnological potential in the maintenance of soil fertility and health.

Levels and risk assessment of residual phthalates, polycyclic aromatic hydrocarbons and semi-volatile chlorinated organic compounds in toilet tissue papers.

Estrogen withdrawal and replacement differentially target liver and adipose tissues in female mice fed a high-fat high-sucrose diet: impact of a chronic exposure to a low-dose pollutant mixture(â~†).

Differences in classification for skin corrosion/irritation in EU and Ukraine: Case study of alternative (in vitro and in silico) methods application for classification of pesticide active ingredient imazamox.

Toxicogenomic analyses of the effects of BDE-47/209, TBBPA/S and TCBPA on early neural development with a human embryonic stem cell in vitro differentiation system.

The successful treatment of systemic toxic induced paraquat poisoning by skin absorption: case reports and a literature review.

Obesity and cancer: A mechanistic overview of metabolic changes in obesity that impact genetic instability.

Comparison of modes of action among different trophic levels of aquatic organisms for pesticides and medications based on interspecies correlations and excess toxicity: Theoretical consideration.

The Effect of UVB Irradiation and Oxidative Stress on the Skin Barrier-A New Method to Evaluate Sun Protection Factor Based on Electrical Impedance Spectroscopy.

Epidemiology of ocular surface squamous neoplasia in veterans: a retrospective case-control study.

A Potent Antifungal Agent for Basal Stem Rot Disease Treatment in Oil Palms Based on Chitosan-Dazomet Nanoparticles.

Food risk characterization from exposure to persistent organic pollutants and metals contaminating eels from an Italian lake.

A Protective Role of Aryl Hydrocarbon Receptor Repressor in Inflammation and Tumor Growth.

Effects of Phenezine Administration on Mitochondrial Function, Calcium Handling, and Cytoskeletal Degradation after Experimental Traumatic Brain Injury.

Control of *Trogoderma granarium* (Coleoptera: Dermestidae) Using High Temperatures.

Extract of *Deschampsia antarctica* (EDA) Prevents Dermal Cell Damage Induced by UV Radiation and 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Compositional and Functional Differences between Microbiota and Cervical Carcinogenesis as Identified by Shotgun Metagenomic Sequencing.

Characterizing the microbial diversity and major metabolites of Sichuan bran vinegar augmented by *Monascus purpureus*.

Dioxin and AHR impairs mesoderm gene expression and cardiac differentiation in human embryonic stem cells.

TRPA1 Channel as a Regulator of Neurogenic Inflammation and Pain: Structure, Function, Role in Pathophysiology, and Therapeutic Potential of Ligands.

Primary green turtle (*Chelonia mydas*) skin fibroblasts as an in vitro model for assessing genotoxicity and oxidative stress.

Cascade Reaction in Human Live Tissue Allows Clinically Applicable Diagnosis of Breast Cancer Morphology.

Ameliorative effect of gallic acid on sodium arsenite-induced spleno-, cardio- and hemato-toxicity in rats.

Atypical Gasdermin D and Mixed Lineage Kinase Domain-like Protein Leakage Aggravates Tetrachlorobenzoquinone-Induced Nod-like Receptor Protein 3 Inflammasome Activation.

Apigenin reverses lung injury and immunotoxicity in paraquat-treated mice.

Assessment of adverse outcome of Excel Mera 71 in *Anabas testudineus* by histological and ultrastructural alterations.

Genotoxicity by long-term exposure to the auxinic herbicides 2,4-dichlorophenoxyacetic acid and dicamba on *Cnesterodon decemmaculatus* (Pisces: Poeciliidae).

Evaluating Mode of Action of Acrolein Toxicity in an In Vitro Human Airway Tissue Model.

Evaluation of Dermal Exposure to the Herbicide Alachlor Among Vegetable Farmers in Thailand.

Potential of *Trichoderma koningii* to eliminate alachlor in the presence of copper ions.

Trichoderma harzianum diminished oxidative stress caused by 2,4-dichlorophenoxyacetic acid (2,4-D) in wheat, with insights from lipidomics.

The mechanism of DNA damage induced by Roundup 360 PLUS, glyphosate and AMPA in human peripheral blood mononuclear cells - genotoxic risk assessment.

Acute and subchronic effects of three herbicides on biomarkers and reproduction in earthworm *Dendrobaena veneta*.

[The Role of TSP-1-CD47 in ROS-mediated Pulmonary Fibrosis Induced by Paraquat].

Atrazine promotes immunomodulation by melanomacrophage centre alterations in spleen and vascular disorders in gills from *Oreochromis niloticus*.

The role of contamination history and gender on the genotoxic responses of the crayfish *Procambarus clarkii* to a penoxsulam-based herbicide.

Marine environmental risk assessment and acute water quality criterion for pentachlorophenol in coastal waters.

Diabetes, Cardiovascular Disorders and 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Body Burden in Czech Patients 50 Years After the Intoxication.

Enhanced mitochondrial DNA repair of the common disease-associated variant, Ser326Cys, of hOGG1 through small molecule intervention.

Postnatal exposure to a glyphosate-based herbicide modifies mammary gland growth and development in Wistar male rats.

Pesticides and public health: an analysis of the regulatory approach to assessing the carcinogenicity of glyphosate in the European Union.

Derivation of avian dermal LD50 values for dermal exposure models using in vitro percutaneous absorption of [(14)C]-atrazine through rat, mallard, and northern bobwhite full thickness skin.

Characteristics of acute occupational pesticide exposures reported to poison control centers in Texas, 2000-2015.

Comparative Assessment on Mechanism Underlying Renal Toxicity of Commercial Formulation of Roundup Herbicide and Glyphosate Alone in Male Albino Rat.

Effects of glyphosate and its commercial formulation, Roundup(®) Ultramax, on liver histology of tadpoles of the neotropical frog, *Leptodactylus latrans* (amphibia: Anura).

The herbicide atrazine affects sperm quality and the expression of antioxidant and spermatogenesis genes in zebrafish testes.

Commentary: IARC Monographs Program and public health under siege by corporate interests.

Induction of chronic migraine phenotypes in a rat model after environmental irritant exposure.

Genetic control of predominantly error-free replication through an acrolein-derived minor-groove DNA adduct.

An engineered cell line lacking OGG1 and MUTYH glycosylases implicates the accumulation of genomic 8-oxoguanine as the basis for paraquat mutagenicity.

Protective Effects of Olive Leaf Extract on Acrolein-Exacerbated Myocardial Infarction via an Endoplasmic Reticulum Stress Pathway.

Glyphosate ingestion causing multiple organ failure: a near-fatal case report.

Occupational koebnerization of psoriasis caused by glyphosate.

Chronic toxicity of 1,3,5-triazine herbicides in the postembryonic development of the western clawed frog *Silurana tropicalis*.

Phytantriol-based lyotropic liquid crystal as a transdermal delivery system.

Combined treatment with cinnamaldehyde and PTH enhances the therapeutic effect on glucocorticoid-induced osteoporosis through inhibiting osteoclastogenesis and promoting osteoblastogenesis.

NRF2 Activation Inhibits Both TGF- β 1- and IL-13-Mediated Periostin Expression in Fibroblasts: Benefit of Cinnamaldehyde for Antifibrotic Treatment.

Orthogonal self-assembly of an organoplatinum(II) metallacycle and cucurbit[8]uril that delivers curcumin to cancer cells.

Effects of arsenic methylation and metabolism on the changes of arsenic-related skin lesions.

Autolytic enzymes are responsible for increased melanization of carbon stressed *Aspergillus nidulans* cultures.

Combination Therapy with Pirfenidone plus Prednisolone Ameliorates Paraquat-Induced Pulmonary Fibrosis.

Immunomodulatory and therapeutic role of *Cinnamomum verum* extracts in collagen-induced arthritic BALB/c mice.

Biomethylation metabolism study of arsenite in SCC-7 cells by reversed phase ion pair high performance liquid chromatography-inductively coupled plasma-mass spectrometry.

Effect of Fluorination on Skin Sensitization Potential and Fragrant Properties of Cinnamyl Compounds.

Effects of the herbicides linuron and S-metolachlor on Perez's frog embryos.

Preparation of Fish Skin Gelatin-Based Nanofibers Incorporating Cinnamaldehyde by Solution Blow Spinning.

Photolysis of clethodim herbicide and a formulation in aquatic environments: Fate and ecotoxicity assessment of photoproducts by QSAR models.

Detoxification Mechanism of α,β -Unsaturated Carbonyl Compounds in Cigarette Smoke Observed in Sheep Erythrocytes.

Retinoic acid co-treatment aggravates severity of dioxin-induced skin lesions in hairless mice via induction of inflammatory response.

A study of the intrinsic variability and the effect of environmental conditions on the formation of a postmortem root band.

A follow-up study of the development of skin lesions associated with arsenic exposure duration.

Recognising the return of nutritional deficiencies: a modern pellagra puzzle.

Contact dermatitis from Do-It-Yourself slime.

Impaired lipid and glucose homeostasis in male mice offspring after combined exposure to low-dose bisphenol A and arsenic during the second half of gestation.

Mitochondrial uncoupling prodrug improves tissue sparing, cognitive outcome, and mitochondrial bioenergetics after traumatic brain injury in male mice.

Pesticide contact dermatitis in agricultural workers of Himachal Pradesh (India).

miR-145 via targeting ERCC2 is involved in arsenite-induced DNA damage in human hepatic cells.

[Risk assessment of dioxin in the surrounding area of a waste incineration plant in Beijing].

"Slime" May Not be so Benign: A Cause of Hand Dermatitis.

Cytochrome C oxidase Inhibition and Cold Plasma-derived Oxidants Synergize in Melanoma Cell Death Induction.

Selective synthesis of 7-O-substituted luteolin derivatives and their melanogenesis and proliferation inhibitory activity in B16 melanoma cells.

RASopathic comedone-like or cystic lesions induced by vemurafenib: a model of skin lesions similar but not identical to those induced by dioxins MADISH.

Evaluation of metabolic reactivity in macrophages from mice with chronic sodium arsenite intake and experimental carcinogenesis.

Hyperpigmentation and higher incidence of cutaneous malignancies in moderate-high PCB- and dioxin exposed individuals.

Arsenic induces cardiac rhythm dysfunction and acylcarnitines metabolism perturbation in rats.

Anti-amyloidogenic and neurotrophic effects of tetrahydroxystilbene glucoside on a chronic mitochondrial dysfunction rat model induced by sodium azide.

Photosensitized Protein-Damaging Activity, Cytotoxicity, and Antitumor Effects of P(V)porphyrins Using Long-Wavelength Visible Light through Electron Transfer.

Assessing Residential Exposure Risk from Spills of Flowback Water from Marcellus Shale Hydraulic Fracturing Activity.

Dioxin-like PCB 126 Increases Systemic Inflammation and Accelerates Atherosclerosis in Lean LDL Receptor-Deficient Mice.

Gata-6 expression is decreased in diaphragmatic and pulmonary mesenchyme of fetal rats with nitrofen-induced congenital diaphragmatic hernia.

Prenatal exposure to TCDD and atopic conditions in the Seveso second generation: a prospective cohort study.

Probiotic/prebiotic correction for adverse effects of iron fortification on intestinal resistance to Salmonella infection in weaning mice.

Safety evaluation of DAS-44406-6 soybeans in Wistar rats.

Decreased Expression of Integrin Subunits $\alpha 3$, $\alpha 6$, and $\alpha 8$ in the Branching Airway Mesenchyme of Nitrofen-Induced Hypoplastic Lungs.

The effect of association between inefficient arsenic methylation capacity and demographic characteristics on the risk of skin lesions.

Latent forms of the carious lesion of human lower third molars.

[About a cresol intoxication].

Utility of fur as a biomarker for persistent organic pollutants in Australian fur seals (*Arctocephalus pusillus doriferus*).

Morphological characteristics and human papillomavirus genotype predict the treatment response in cutaneous warts.

Dermal Absorption of Pesticide Residues.

Release and toxicity of adipose tissue-stored TCDD: Direct evidence from a xenografted fat model.

Endogenous and exogenous biomarker analysis in terrestrial phase amphibians (*Lithobates sphenoccephala*) following dermal exposure to pesticide mixtures.

Brazil nut improves the oxidative metabolism of superoxide-hydrogen peroxide chemically-imbalanced human fibroblasts in a nutrigenomic manner.

Fatty acids, polychlorinated dibenzo-p-dioxins and dibenzofurans, and dioxin-like polychlorinated biphenyls in paired muscle and skin from fish from the Bohai coast, China: Benefits and risks associated with fish consumption.

The Chemical Compositions of *Angelica pubescens* Oil and Its Prevention of UV-B Radiation-Induced Cutaneous Photoaging.

Fabrication of functionalized citrus pectin/silk fibroin scaffolds for skin tissue engineering.

From TCDD-mediated toxicity to searches of physiologic AHR functions.

Glyphosate-based herbicide enhances the uterine sensitivity to estradiol in rats.

Gain-of-function mutation of *AtDICE1*, encoding a putative endoplasmic reticulum-localized membrane protein, causes defects in anisotropic cell elongation by disturbing cell wall integrity in *Arabidopsis*.

Cutaneous Adnexal Cysts Revisited: What We Know and What We Think We Know.

Protein-bounded uremic toxin p-cresylsulfate induces vascular permeability alternations.

Continuous Infusion of Phenelzine, Cyclosporine A, or Their Combination: Evaluation of Mitochondrial Bioenergetics, Oxidative Damage, and Cytoskeletal Degradation following Severe Controlled Cortical Impact Traumatic Brain Injury in Rats.

The Role of Uron and Chlorobenzene Derivatives, as Potential Endocrine Disrupting Compounds, in the Secretion of ACTH and PRL.

A Review of Environmental Occurrence, Fate, Exposure, and Toxicity of Benzothiazoles.

sEcad and EGF Levels Increased in Urine of Non-ferrous Metal Workers and Medium of Uroepithelial Cell Line Treated by Arsenic.

Epidermal Growth Factor Receptor Signaling Disruption by Endocrine and Metabolic Disrupting Chemicals.

Arsenic Attenuates Heparin-Binding EGF-Like Growth Factor/EGFR Signaling That Promotes Matrix Metalloprotease 9-Dependent Astrocyte Damage in the Developing Rat Brain.

Association of textile industry effluent with mutagenicity and its toxic health implications upon acute and sub-chronic exposure.

Use of polychlorinated biphenyl and toxic equivalent concentrations in scat from mink (*Neovison vison*) fed fish from the upper Hudson River to predict dietary and hepatic concentrations and health effects.

Anti-mutagenic and Anti-oxidant Potencies of *Cetraria Aculeata* (Schreb.) Fr., *Cladonia Chlorophaea* (Flörke ex Sommerf.) Spreng. and *Cetrelia olivetorum* (Nyl.) W.L. Culb. & C.F. Culb.).

Impacts of glyphosate-based herbicides on disease resistance and health of crops: a review.

Histodifferentiation of oil palm somatic embryo development at low auxin concentration.

A case of herbicide-induced acute fibrinous and organizing pneumonia?

Propolis supplementation attenuates the negative effects of oxidative stress induced by paraquat injection on productive performance and immune function in turkey poults.

In vitro assessment of skin sensitization, photosensitization and phototoxicity potential of commercial glyphosate-containing formulations.

Mixture Toxicity of Bensulfuron-Methyl and Acetochlor to Red Swamp Crayfish (*Procambarus clarkii*): Behavioral, Morphological and Histological Effects.

Health risk assessment of an abandoned herbicide factory site for transportation use in Dalian, China.

Reproductive toxicity of Roundup herbicide exposure in male albino rat.

Comparative toxic responses of male and female lizards (*Eremias argus*) exposed to (S)-metolachlor-contaminated soil.

Evaluation of imazethapyr-induced DNA oxidative damage by alkaline Endo III- and Fpg-modified single-cell gel electrophoresis assay in *Hypsiboas pulchellus* tadpoles (*Anura*, *Hylidae*).

Derivation of predicted no-effect concentration and ecological risk for atrazine better based on reproductive fitness.

The health consequences of aerial spraying illicit crops: The case of Colombia.

Morphoanatomical and physiological changes in *Bauhinia variegata* L. as indicators of herbicide diuron action.

DNA damage and methylation induced by glyphosate in human peripheral blood mononuclear cells (in vitro study).

Acrolein Can Cause Cardiovascular Disease: A Review.

Time-dependent haemoperfusion after acute paraquat poisoning.

Symptoms from masked acrolein exposure suggest altered trigeminal reactivity in chemical intolerance.

Dendritic cells' death induced by contact sensitizers is controlled by Nrf2 and depends on glutathione levels.

Lichen microalgae are sensitive to environmental concentrations of atrazine.

Genotoxicity of the herbicide imazethapyr in mammalian cells by oxidative DNA damage evaluation using the Endo III and FPG alkaline comet assays.

Effects of melatonin in rats in the initial third stage of pregnancy exposed to sub-lethal doses of herbicides.

Phycoerythrin averts intracellular ROS generation and physiological functional decline in eukaryotes under oxidative stress.

Quizalofop-P-ethyl exposure increases estrogen axis activity in male and slightly decreases estrogen axis activity in female zebrafish (*Danio rerio*).

Detection of herbicide effects on pigment composition and PSII photochemistry in *Helianthus annuus* by Raman spectroscopy and chlorophyll a fluorescence.

Liver X Receptor Agonist TO901317 Attenuates Paraquat-Induced Acute Lung Injury through Inhibition of NF- κ B and JNK/p38 MAPK Signal Pathways.

Oxidative stress intensity-related effects of cadmium (Cd) and paraquat (PQ) on UV-damaged-DNA binding and excision repair activities in zebrafish (*Danio rerio*) embryos.

Cinnamaldehyde induces fat cell-autonomous thermogenesis and metabolic reprogramming.

An investigation of the health effects caused by exposure to arsenic from drinking water and coal combustion: arsenic exposure and metabolism.

The relationships between arsenic methylation and both skin lesions and hypertension caused by chronic exposure to arsenic in drinking water.

Contact sensitizers trigger human CD1-autoreactive T-cell responses.

Sodium chlorate induces DNA damage and DNA-protein cross-linking in rat intestine: A dose dependent study.

Antipruritic Effect of Cold-induced and Transient Receptor Potential-agonist-induced Counter-irritation on Histaminergic Itch in Humans.

Local upregulation of transient receptor potential ankyrin 1 and transient receptor potential vanilloid 1 ion channels in rectosigmoid deep infiltrating endometriosis.

Analysis of sugarcane herbicides in marine turtle nesting areas and assessment of risk using *in vitro* toxicity assays.

Changes in the mitochondrial protein profile due to ROS eruption during ageing of elm (*Ulmus pumila* L.) seeds.

Autophagy deficient keratinocytes display increased DNA damage, senescence and aberrant lipid composition after oxidative stress in vitro and in vivo.

Conjugation of nitrated acetaminophen to Der p1 amplifies peripheral blood monocyte response to Der p1.

Chloracne in a Farming Family.

Pathogenesis of deep endometriosis.

Hijiki and sodium arsenite stimulate growth of human colorectal adenocarcinoma cells through ERK1/2 activation.

From the Cover: High Susceptibility of Lrig1 Sebaceous Stem Cells to TCDD in Mice.

Case-control study of chronic low-level exposure of inorganic arsenic species and non-melanoma skin cancer.

A dioxin-like compound induces hyperplasia and branching morphogenesis in mouse mammary gland, through alterations in TGF- β 1 and aryl hydrocarbon receptor signaling.

Heme Biosynthetic Pathway is Functionally Linked to Adipogenesis via Mitochondrial Respiratory Activity.

Do PCDD/PCDF standard solutions used in dioxin analysis pose a risk as potentially acutely toxic to lab personnel?

Dioxin Receptor Adjusts Liver Regeneration After Acute Toxic Injury and Protects Against Liver Carcinogenesis.

Antimicrobial agents, triclosan, chloroxylenol, methylisothiazolinone and borax, used in cleaning had genotoxic and histopathologic effects on rainbow trout.

Studies of the antitumor mechanism of action of dermaseptin B2, a multifunctional cationic antimicrobial peptide, reveal a partial implication of cell surface glycosaminoglycans.

Broad Spectrum Macromolecular Antimicrobials with Biofilm Disruption Capability and In Vivo Efficacy.

High Consumption of Iron Exacerbates Hyperlipidemia, Atherosclerosis, and Female Sterility in Zebrafish via Acceleration of Glycation and Degradation of Serum Lipoproteins.

Correlation Between Nasal Epithelial Injury and In Vitro Cytotoxicity Using a Series of Small Molecule Protein Tyrosine Phosphatase 1B Inhibitors Investigated for Reversal of Leptin Resistance in Obesity.

Thiamine and benfotiamine prevent stress-induced suppression of hippocampal neurogenesis in mice exposed to predation without affecting brain thiamine diphosphate levels.

Outbreak of Occupational Dermatitis Associated With *Pyemotes ventricosus*.

Direct participation of DNA in the formation of singlet oxygen and base damage under UVA irradiation.

The history of arsenical pesticides and health risks related to the use of Agent Blue.

β -catenin Mutations Are Not Involved in Early-stage Hepatocarcinogenesis Induced by Protoporphyrinogen Oxidase Inhibitors in Mice.

The decreased growth performance and impaired immune function and structural integrity by dietary iron deficiency or excess are associated with TOR, NF- κ B, p38MAPK, Nrf2 and MLCK signaling in head kidney, spleen and skin of grass carp (*Ctenopharyngodon idella*).

TCF21 and the environmental sensor aryl-hydrocarbon receptor cooperate to activate a pro-inflammatory gene expression program in coronary artery smooth muscle cells.

Elastase and matrix metalloproteinase activities are associated with pulmonary vascular disease in the nitrofen rat model of congenital diaphragmatic hernia.

The unusual presentation of a burn from methyl bromide exposure: A case report and review of the literature.

Tyrosine kinase inhibition is an important factor for gene expression of CRTH2 in human eosinophils and lymphocytes: A novel mechanism for explaining eosinophils recruitment by the neuro-immune axis in allergic rhinitis.

Inhibition of Kupffer cell functions modulates arsenic intoxication in Wistar rats.

Dioxin-like rather than non-dioxin-like PCBs promote the development of endometriosis through stimulation of endocrine-inflammation interactions.

Strain differences in arsenic-induced oxidative lesion via arsenic biomethylation between C57BL/6J and 129X1/SvJ mice.

IL-27 triggers IL-10 production in Th17 cells via a c-Maf/ROR γ t/Blimp-1 signal to promote the progression of endometriosis.

Pharmacologic Impact (aka "Breaking Bad") of Medications on Wound Healing and Wound Development: A Literature-based Overview.

Expression of T-box transcription factors 2, 4 and 5 is decreased in the branching airway mesenchyme of nitrofen-induced hypoplastic lungs.

Toxico-vigilance - An inevitable prerequisite to keep a watch on toxins around you.

Associations of arsenic metabolites, methylation capacity, and skin lesions caused by chronic exposure to high arsenic in tube well water.

Toxicity of Juniperus oxycedrus oil constituents and related compounds and the efficacy of oil spray formulations to Dermatophagoides farinae (Acari: Pyroglyphidae).

Lung regeneration after toxic injury is improved in absence of dioxin receptor.

Continuation of non-essential medications in actively dying hospitalised patients.

Editor's Highlight: Ah Receptor Activation Potentiates Neutrophil Chemoattractant (C-X-C Motif) Ligand 5 Expression in Keratinocytes and Skin.

Acetolactate Synthase-Inhibiting Gametocide Amidosulfuron Causes Chloroplast Destruction, Tissue Autophagy, and Elevation of Ethylene Release in Rapeseed.

The endocrine disrupting alkylphenols and 4,4'-DDT interfere with estrogen conversion and clearance by mouse liver cytosol.

Polychlorinated biphenyls disrupt hepatic epidermal growth factor receptor signaling.

Assessing human health risks from pesticide use in conventional and innovative cropping systems with the BROWSE model.

Dermal absorption of fumigant gases during HAZMAT incident exposure scenarios-Methyl bromide, sulfuryl fluoride, and chloropicrin.

Squamous epithelium formation in the respiratory intestine of the bronze Corydoras Corydoras aeneus (Callichthyidae Teleostei).

Histopathological changes in zebrafish embryos exposed to DLPCBs extract from Zhanjiang coastal sediment.

Novel keratin modified bacterial cellulose nanocomposite production and characterization for skin tissue engineering.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-mediated deregulation of myeloid and sebaceous gland stem/progenitor cell homeostasis.

A useful way to develop effective in vivo skin optical clearing agents.

Acute water quality criteria for polycyclic aromatic hydrocarbons, pesticides, plastic additives, and 4-Nonylphenol in seawater.

A potential role for chondroitin sulfate/dermatan sulfate in arm regeneration in *Amphiuira filiformis*.

Fumarate Copolymer-Chitosan Cross-Linked Scaffold Directed to Osteochondrogenic Tissue Engineering.

Dermostyx (IB1) - High efficacy and safe topical skin protectant against percutaneous toxic agents.

Toxic Epidermal Necrolysis and Acute Kidney Injury due to Glyphosate Ingestion.

The toxic effects of chlorophenols and associated mechanisms in fish.

SILAC-based quantitative proteomic analysis reveals widespread molecular alterations in human skin keratinocytes upon chronic arsenic exposure.

Toxicity studies of o-chloropyridine administered dermally and in drinking water to F344/N rats and B6C3F1/N mice.

[Two death cases of lung damage due to paraquat posion caused by skin contant].

Uncovering the Molecular Mechanism of Anti-Allergic Activity of Silkworm Pupa-Grown *Cordyceps militaris* Fruit Body.

Wartime toxin exposure: recognising the silent killer.

Paraquat intoxication and associated pathological findings in three dogs in South Africa.

Organic honey supplementation reverses pesticide-induced genotoxicity by modulating DNA damage response.

Foliar penetration enhanced by biosurfactant rhamnolipid.

High-Concentration L-Menthol Exhibits Counter-Irritancy to Neurogenic Inflammation, Thermal and Mechanical Hyperalgesia Caused by Trans-cinnamaldehyde.

The Protective Role of Thiourea on *Leuciscus cephalus* Exposed to Sublethal Doses of Pendigan 330EC (Pendimethalin) Herbicide.

Effects of glyphosate and the glyphosate based herbicides Roundup Original(®) and Roundup Transorb(®) on respiratory morphophysiology of bullfrog tadpoles.

Paraquat tongue.

Nucleotide excision repair deficiency increases levels of acrolein-derived cyclic DNA adduct and sensitizes cells to apoptosis induced by docosahexaenoic acid and acrolein.

Occupational allergic airborne contact dermatitis caused by pethoxamid - a new herbicide.

Effects of glyphosate on hepatic tissue evaluating melanomacrophages and erythrocytes responses in neotropical anuran *Leptodactylus latinasus*.

Palmoplantar keratoses and Bowen's disease in a Vietnam veteran: Could Agent Blue be implicated?

Occupational Exposure to Pesticides With Occupational Sun Exposure Increases the Risk for Cutaneous Melanoma.

Hepatic effects of the clomazone herbicide in both its free form and associated with chitosan-alginate nanoparticles in bullfrog tadpoles.

Oligonucleotide-Mediated Genome Editing Provides Precision and Function to Engineered Nucleases and Antibiotics in Plants.

The effect of two glyphosate formulations on a small, diurnal lizard (*Oligosoma polychroma*).

Atrazine and malathion shorten the maturation process of *Xenopus laevis* oocytes and have an adverse effect on early embryo development.

Exposure to different glyphosate formulations on the oxidative and histological status of *Rhamdia quelen*.

Combined Effects of Pesticides and Trematode Infections on Hourglass Tree Frog *Polypedates cruciger*.

Cytotoxicity of Thirdhand Smoke and Identification of Acrolein as a Volatile Thirdhand Smoke Chemical That Inhibits Cell Proliferation.

Analysis of possible genotoxicity of the herbicide flurochloridone and its commercial formulations: Endo III and Fpg alkaline comet assays in Chinese hamster ovary (CHO-K1) cells.

Constitutive active/androstane receptor, peroxisome proliferator-activated receptor α , and cytotoxicity are involved in oxadiazon-induced liver tumor development in mice.

The role of L-type amino acid transporters in the uptake of glyphosate across mammalian epithelial tissues.

Parental exposure to the herbicide diuron results in oxidative DNA damage to germinal cells of the Pacific oyster *Crassostrea gigas*.

Common and distinct mechanisms of induced pulmonary fibrosis by particulate and soluble chemical fibrogenic agents.

Skin diseases associated with Agent Orange and other organochlorine exposures.

Yap1 and Skn7 genetically interact with Rad51 in response to oxidative stress and DNA double-strand break in *Saccharomyces cerevisiae*.

Intra-laboratory study to determine the reproducibility of LLNA:BrdU-ELISA for the prediction of the skin sensitizing potential of chemicals.

Selective inhibition of JAK2/STAT1 signaling and iNOS expression mediates the anti-inflammatory effects of coniferyl aldehyde.

Cinnamaldehyde modulates LPS-induced systemic inflammatory response syndrome through TRPA1-dependent and independent mechanisms.

Recent Progress in Analytical Methods for Determination of Urinary 3-Hydroxypropylmercapturic Acid, a Major Metabolite of Acrolein.

Chyawanprash, a formulation of traditional Ayurvedic medicine, shows a protective effect on skin photoaging in hairless mice.

Risk assessment and technical feasibility of usage of paper mill sludge biochar-based exhausted adsorbent for geopolymeric brick formation.

Somatic embryogenesis and direct as well as indirect organogenesis in *Lilium pumilum* DC. Fisch., an endangered ornamental and medicinal plant.

TRPA1 activation leads to neurogenic vasodilatation: involvement of reactive oxygen nitrogen species in addition to CGRP and NO.

[The expressions of intercellular adhesion molecule-1 in renal tissue of rats with paraquat poisoning and the effect of melatonin].

New experimental data on the human dermal absorption of Simazine and Carbendazim help to refine the assessment of human exposure.

Oral Toxicity of 2,4-Dinitroanisole in Rats.

Reduced stress granule formation and cell death in fibroblasts with the A382T mutation of TARDBP gene: evidence for loss of TDP-43 nuclear function.

Combination screening in vitro identifies synergistically acting KP372-1 and cytarabine against acute myeloid leukemia.

Modern Strategy for Identification of Congenital Heart Defects in the Neonatal Period.

Efficacy and safety of adjuvant recombinant human erythropoietin and ferrous sulfate as treatment for iron deficiency anemia during the third trimester of pregnancy.

p-Cresyl sulfate promotes the formation of atherosclerotic lesions and induces plaque instability by targeting vascular smooth muscle cells.

History of chemical sensitivity and diagnosis.

Octopamine stabilizes conduction reliability of an unmyelinated axon during hypoxic stress.

Attenuation of DMBA/croton oil induced mouse skin papilloma by *Apodytes dimidiata* mediated by its antioxidant and antimutagenic potential.

Hydrolysed inulin alleviates the azoxymethane-induced preneoplastic aberrant crypt foci by altering selected intestinal microbiota in Sprague-Dawley rats.

Alterations in juvenile diploid and triploid African catfish skin gelatin yield and amino acid composition: Effects of chlorpyrifos and butachlor exposures.

Genome-wide association study identifies novel susceptibility loci for cutaneous squamous cell carcinoma.

Toward elucidation of dioxin-mediated chloracne and Ah receptor functions.

Previously Unclassified Mutation of mtDNA m.3472T>C: Evidence of Pathogenicity in Leber's Hereditary Optic Neuropathy.

Arsenite and Cadmium Activate MAPK/ERK via Membrane Estrogen Receptors and G-Protein Coupled Estrogen Receptor Signaling in Human Lung Adenocarcinoma Cells.

Skin testing of gallic acid-based hair dye in paraphenylenediamine/paratoluenediamine-reactive patients.

Detection of Melanoma Cancer Biomarker Dimethyl Disulfide Using Cavity Ringdown Spectroscopy at 2666 nm.

Enhanced cyclooxygenase-2 expression levels and metalloproteinase 2 and 9 activation by Hexachlorobenzene in human endometrial stromal cells.

Digoxin reduces atherosclerosis in apolipoprotein E-deficient mice.

Public health and international drug policy.

In Utero and Lactational TCDD Exposure Increases Susceptibility to Lower Urinary Tract Dysfunction in Adulthood.

Antimicrobial films obtained from latex particles functionalized with quaternized block copolymers.

Comparative experimental investigation on the efficacy of mono- and multiprobiotic strains in non-alcoholic fatty liver disease prevention.

[Incidence and risk factors associated with nosocomial infection in pediatric heart surgery].

Mesenchymal expression of the FRAS1/FREM2 gene unit is decreased in the developing fetal diaphragm of nitrofen-induced congenital diaphragmatic hernia.

Gene Expression of FRAS1-Related Extracellular Matrix 1 Is Decreased in Nitrofen-Induced Congenital Diaphragmatic Hernia.

Therapeutic evaluation of HIV transduction basic domain-conjugated superoxide dismutase solution on suppressive effects of the formation of peroxynitrite and expression of COX-2 in murine skin.

Exaggerated arsenic nephrotoxicity in female mice through estrogen-dependent impairments in the autophagic flux.

Mass Spectrometric Approaches to the Identification of Potential Ingredients in Cigarette Smoke Causing Cytotoxicity.

Increased Levels of Total p-Cresylsulfate Are Associated with Pruritus in Patients with Chronic Kidney Disease.

Sesamin attenuates mast cell-mediated allergic responses by suppressing the activation of p38 and nuclear factor- κ B.

A novel synthetic Piper amide derivative NED-180 inhibits hyperpigmentation by activating the PI3K and ERK pathways and by regulating Ca²⁺ influx via TRPM1 channels.

Haptotactic Plasma Polymerized Surfaces for Rapid Tissue Regeneration and Wound Healing.

Carbon-14 radiolabeling and tissue distribution evaluation of MMV390048.

The Synthesis and Accumulation of Resveratrol Are Associated with Veraison and Abscisic Acid Concentration in Beihong (*Vitis vinifera* — *Vitis amurensis*) Berry Skin.

Soil organic matter content effects on dermal pesticide bioconcentration in American toads (*Bufo americanus*).

Study of the inhibition effect of thiazone on muscle optical clearing.

Endophytic *Trichoderma gamsii* YIM PH30019: a promising biocontrol agent with hyperosmolar, mycoparasitism, and antagonistic activities of induced volatile organic compounds on root-rot pathogenic fungi of *Panax notoginseng*.

A simple standard technique for labyrinthectomy in the rat: A methodical communication with a detailed description of the surgical process.

Identification of aryl hydrocarbon receptor signaling pathways altered in TCDD-treated red seabream embryos by transcriptome analysis.

Ablation of the mitochondrial complex IV assembly protein Surf1 leads to increased expression of the UPR(MT) and increased resistance to oxidative stress in primary cultures of fibroblasts.

Optical coherence tomography angiography offers comprehensive evaluation of skin optical clearing in vivo by quantifying optical properties and blood flow imaging simultaneously.

Oxidative DNA damage enhances the carcinogenic potential of in vitro chronic arsenic exposures.

Embryotoxicity of nitrophenols to the early life stages of zebrafish (*Danio rerio*).

Diversity of Cultivated Fungi Associated with Conventional and Transgenic Sugarcane and the Interaction between Endophytic *Trichoderma virens* and the Host Plant.

Multivariate approach to gill pathology in European sea bass after experimental exposure to cadmium and terbuthylazine.

Insights into reptile dermal contaminant exposure: Reptile skin permeability to pesticides.

Direct somatic embryogenesis of *Malaxis densiflora* (A. Rich.) Kuntze.

p-cresol but not p-cresyl sulfate stimulate MCP-1 production via NF- κ B p65 in human vascular smooth muscle cells.

Toxicity studies of sodium thioglycolate administered dermally to F344/N rats and B6C3F1/N mice.

Aortic smooth muscle cell alterations in mice systemically exposed to arsenic.

Pressurized liquid extraction-gas chromatography-mass spectrometry for confirming the photo-induced generation of dioxin-like derivatives and other cosmetic preservative photoproducts on artificial skin.

Acute Sodium Arsenite-Induced Hematological and Biochemical Changes in Wistar Rats: Protective Effects of Ethanol Extract of *Ageratum conyzoides*.

Glycine supplementation in vitro enhances porcine preimplantation embryo cell number and decreases apoptosis but does not lead to live births.

Cellular and molecular changes associated with competence acquisition during passion fruit somatic embryogenesis: ultrastructural characterization and analysis of SERK gene expression.

Ah Receptor Activation by Dioxin Disrupts Activin, BMP, and WNT Signals During the Early Differentiation of Mouse Embryonic Stem Cells and Inhibits Cardiomyocyte Functions.

Adolescent pesticide exposures reported to Texas poison centers.

Prime and boost aerosol exposure via fog machine or shisha smoke followed by cinnamon hypersensitivity and anaphylaxis to spiced food.

Effect of probiotic and prebiotic fermented milk on skin and intestinal conditions in healthy young female students.

Effects of Antioxidant N-acetylcysteine Against Paraquat-Induced Oxidative Stress in Vital Tissues of Mice.

Arsenite accumulation in the mouse eye.

Intracellular Metabolism of α,β -Unsaturated Carbonyl Compounds, Acrolein, Crotonaldehyde and Methyl Vinyl Ketone, Active Toxicants in Cigarette Smoke: Participation of Glutathione Conjugation Ability and Aldehyde-Ketone Sensitive Reductase Activity.

A novel host-vector system for heterologous protein co-expression and purification in the *Trichoderma reesei* industrial strain RUT-C30.

Histopathological and ultramicroscopical changes in gill, liver and kidney of *Anabas testudineus* (Bloch) after chronic intoxication of almix (metsulfuron methyl 10.1%+chlorimuron ethyl 10.1%) herbicide.

Uptake and toxicity of glyphosate in the lichen *Xanthoria parietina* (L.) Th. Fr.

Dual regulation of skin sensitizer-induced HMOX1 expression by Bach1 and Nrf2: Comparison to regulation of the AKR1C2-ARE element in the KeratinoSens cell line.

Dermatoprotective effects of some plant extracts (genus *Ficus*) against experimentally induced toxicological insults in rabbits.

RIFM fragrance ingredient safety assessment, α -butylcinnamaldehyde, CAS Registry Number 7492-44-6.

Caspase-2 protects against oxidative stress in vivo.

[Successful treatment of one case after acute paraquat intoxication complicated with pulmonary fibrosis, mediastinal emphysema and subcutaneous emphysema].

A Dose-Response Modeling Approach Shows That Effects From Mixture Exposure to the Skin Sensitizers Isoeugenol and Cinnamal Are in Line With Dose Addition and Not With Synergism.

Use of acetochlor and cancer incidence in the Agricultural Health Study.

Genotoxicity evaluation of the herbicide Garlon(\hat{A}) and its active ingredient (triclopyr) in fish (*Anguilla anguilla* L.) using the comet assay.

[A Case of Corneal Injury due to Herbicide Containing Paraquat: Effectiveness of 2% Rebamipide Eye Drops].

Acute effects of a prooxidant herbicide on the microalga *Chlamydomonas reinhardtii*: Screening cytotoxicity and genotoxicity endpoints.

Evaluation of early changes induced by diuron in the rat urinary bladder using different processing methods for scanning electron microscopy.

An experimentally refined tool to assess the risks of the human dermal exposure to herbicide chlorotoluron.

Survival of a patient after self-injection of paraquat and surgical excision of the injection site.

[The study of kidney injury in rats with acute paraquat poisoning].

Cinnamon spice and everything not nice: many features of intraoral allergy to cinnamic aldehyde.

Dicamba affects sex steroid hormone level and mRNA expression of related genes in adult rare minnow (*Gobiocypris rarus*) at environmentally relevant concentrations.

Traditional chinese medicine Xuebijing treatment is associated with decreased mortality risk of patients with moderate paraquat poisoning.

The volume ratio of ground glass opacity in early lung CT predicts mortality in acute paraquat poisoning.

Further development of LLNA:DAE method as stand-alone skin-sensitization testing method and applied for evaluation of relative skin-sensitizing potency between chemicals.

Sublethal exposure to commercial formulations of the herbicides dicamba, 2,4-dichlorophenoxyacetic acid, and glyphosate cause changes in antibiotic susceptibility in *Escherichia coli* and *Salmonella enterica* serovar Typhimurium.

ROS-triggered signaling pathways involved in the cytotoxicity and tumor promotion effects of pentachlorophenol and tetrachlorohydroquinone.

Acute toxicity and sublethal effects of the mixture glyphosate (Roundup Active) and Cosmo-Flux 411F to anuran embryos and tadpoles of four Colombian species.

Allergic contact dermatitis to hexyl cinnamaldehyde, cinnamaldehyde, and 3,4 methylbenzylidene camphor in a patient with previous photoallergic contact dermatitis to dexketoprofen.

Molecular mechanisms of acrolein toxicity: relevance to human disease.

Dimethylarsinic acid (DMA(V)) changed the expressions of proliferative related factors and secretion of inflammatory cytokines in rat bladder.

A cell type-specific view on the translation of mRNAs from ROS-responsive genes upon paraquat treatment of *Arabidopsis thaliana* leaves.

Clostridium tertium bacteremia in a patient with glyphosate ingestion.

Use of In Vivo and In Vitro Data to Derive a Chronic Reference Value for Crotonaldehyde Based on Relative Potency to Acrolein.

Paraquat Poisoning Followed by Toxic Epidermal Necrolysis: A Report of Two Cases and Published Work Review.

[Can a sensitizer potency be attenuated?].

DNaseI protects against Paraquat-induced acute lung injury and pulmonary fibrosis mediated by mitochondrial DNA.

North American contact dermatitis group patch test results: 2011-2012.

Reply: association between agent orange exposure and nonmelanotic invasive skin cancer: a pilot study.

Association between agent orange exposure and nonmelanotic invasive skin cancer: a pilot study.

Application of a redox-proteomics toolbox to *Daphnia magna* challenged with model pro-oxidants copper and paraquat.

Oral Administration of 4-Hydroxy-3-Methoxycinnamaldehyde Attenuates Atopic Dermatitis by Inhibiting T Cell and Keratinocyte Activation.

Topically applied metal chelator reduces thermal injury progression in a rat model of brass comb burn.

Acrolein contributes to TRPA1 up-regulation in peripheral and central sensory hypersensitivity following spinal cord injury.

The Genetic Architecture of Arsenic Metabolism Efficiency: A SNP-Based Heritability Study of Bangladeshi Adults.

A human surrogate model of itch utilizing the TRPA1 agonist trans-cinnamaldehyde.

TRPA1 mediates the hypothermic action of acetaminophen.

Role of aldehyde dehydrogenase in hypoxic vasodilator effects of nitrite in rats and humans.

Antinociceptive effect of methanol extract of leaves of *Persicaria hydropiper* in mice.

Dynamic differences in oxidative stress and the regulation of metabolism with age in visceral versus subcutaneous adipose.

Evaluation of the combined effect of thymol, carvacrol and (E)-cinnamaldehyde on *Amblyomma sculptum* (Acari: Ixodidae) and *Dermacentor nitens* (Acari: Ixodidae) larvae.

Comparison on the fatty acid profiles of liver, subcutaneous fat and muscle from feedlot steers finished on diets supplemented with or without cinnamaldehyde or monensin.

Gingiva Equivalent Secretes Negligible Amounts of Key Chemokines Involved in Langerhans Cell Migration Compared to Skin Equivalent.

Hexyl cinnamal: consideration of skin-sensitizing properties and suitability as a positive control.

Micellar formulation of indocyanine green for phototherapy of melanoma.

Development of a physiologically-based pharmacokinetic model of 2-phenoxyethanol and its metabolite phenoxyacetic acid in rats and humans to address toxicokinetic uncertainty in risk assessment.

Reversible Splenic Lesion Syndrome (RESLES) Following Glufosinate Ammonium Poisoning.

Cutaneous drug toxicity from 2,4-dinitrophenol (DNP): Case report and histological description.

Cyclodextrin-modified MEKC method for quantification of selected acidic metabolites of catecholamines in the presence of various biogenic amines. Application to diagnosis of neuroblastoma.

Modulation of aryl hydrocarbon receptor-regulated enzymes by trimethylarsine oxide in C57BL/6 mice: In vivo and in vitro studies.

Current skin symptoms of Yusho patients exposed to high levels of 2,3,4,7,8-pentachlorinated dibenzofuran and polychlorinated biphenyls in 1968.

Activation of the Prostaglandin E2 receptor EP2 prevents house dust mite-induced airway hyperresponsiveness and inflammation by restraining mast cells' activity.

Association between levels of persistent organic pollutants in adipose tissue and cryptorchidism in early childhood: a case-control study.

Using Insulin Infusion Sets in CSII for Longer Than the Recommended Usage Time Leads to a High Risk for Adverse Events: Results From a Prospective Randomized Crossover Study.

Yusho and its latest findings-A review in studies conducted by the Yusho Group.

Ablation of XP-V gene causes adipose tissue senescence and metabolic abnormalities.

Dioxin receptor regulates aldehyde dehydrogenase to block melanoma tumorigenesis and metastasis.

Allergic contact dermatitis to nickel is characterized by a specific micro-RNA signature.

Application of the KeratinoSens[®] assay for assessing the skin sensitization potential of agrochemical active ingredients and formulations.

Effect of Sodium Arsenite on Mouse Skin Carcinogenesis.

Kif7 expression is decreased in the diaphragmatic and pulmonary mesenchyme of nitrofen-induced congenital diaphragmatic hernia.

[Latest Findings of Yusho and Its Therapeutic Development].

Monochloroacetic acid application is an effective alternative to cryotherapy for common and plantar warts in primary care: a randomized controlled trial.

Increasing frequency of severe clinical toxicity after use of 2,4-dinitrophenol in the UK: a report from the National Poisons Information Service.

2,3,7,8-Tetrachlorodibenzo-p-dioxin modulates estradiol-induced aldehydic DNA lesions in human breast cancer cells through alteration of CYP1A1 and CYP1B1 expression.

TCDD-induced activation of aryl hydrocarbon receptor regulates the skin stem cell population.

Health related quality of life and polychlorinated biphenyls and dibenzofurans exposure: 30 years follow-up of Yucheng cohort.

Lineage-dependent effects of aryl hydrocarbon receptor agonists contribute to liver tumorigenesis.

Aryl Hydrocarbon Receptor Activation in Acne Vulgaris Skin: A Case Series from the Region of Naples, Italy.

L-Tryptophan as a Novel Potential Pharmacological Treatment for Wound Healing via Aryl Hydrocarbon Receptor Activation.

KML001 enhances anticancer activity of gemcitabine against pancreatic cancer cells.

Serum free indoxyl sulfate associated with in-stent restenosis after coronary artery stentings.

Volatile emission of decomposing pig carcasses (*Sus scrofa domesticus* L.) as an indicator for the postmortem interval.

Nostoc sp. extract induces oxidative stress-mediated root cell destruction in *Mimosa pigra* L.

Toxicity studies of 5-amino-o-cresol administered dermally to F344/NTac rats and B6C3F1/N mice.

Simultaneous determination of phenoxyethanol and its major metabolite, phenoxyacetic acid, in rat biological matrices by LC-MS/MS with polarity switching: Application to ADME studies.

Mechanism of triphenylmethane Cresol Red degradation by *Trichoderma harzianum* M06.

Transplanted Lichen *Pseudovernia furfuracea* as a Multi-Tracer Monitoring Tool Near a Solid Waste Incinerator in Italy: Assessment of Airborne Incinerator-Related Pollutants.

Pesticide Uptake Across the Amphibian Dermis Through Soil and Overspray Exposures.

High accumulation of arsenic in the esophagus of mice after exposure to arsenite.

Modification of Bacterial Cellulose with Organosilanes to Improve Attachment and Spreading of Human Fibroblasts.

Comparison of toxicity values across zebrafish early life stages and mammalian studies: Implications for chemical testing.

Lipid Peroxide-Derived Short-Chain Carbonyls Mediate Hydrogen Peroxide-Induced and Salt-Induced Programmed Cell Death in Plants.

Dioxin disrupts cranial cartilage and dermal bone development in zebrafish larvae.

Guanine-based structural coloration as an indicator of oxidative stress in a cichlid fish.

Role of *Bacillus subtilis* DNA Glycosylase MutM in Counteracting Oxidatively Induced DNA Damage and in Stationary-Phase-Associated Mutagenesis.

Expression of a cystatin transgene can confer resistance to root lesion nematodes in *Lilium longiflorum* cv. 'Nellie White'.

Phosphatidylcholine Specific PLC-Induced Dysregulation of Gap Junctions, a Robust Cellular Response to Environmental Toxicants, and Prevention by Resveratrol in a Rat Liver Cell Model.

Comparative transcriptome analysis reveals carbohydrate and lipid metabolism blocks in *Brassica napus* L. male sterility induced by the chemical hybridization agent monosulfuron ester sodium.

Characterization and risk assessment of polychlorinated biphenyls in city park soils of Xi'an, China.

Lipotubuloids in ovary epidermis of *Ornithogalum umbellatum* act as metabolons: suggestion of the name 'lipotubuloid metabolon'.

Production of anti-cancer triterpene (betulinic acid) from callus cultures of different *Ocimum* species and its elicitation.

The aryl hydrocarbon receptor: a review of its role in the physiology and pathology of the integument and its relationship to the tryptophan metabolism.

Nicotinamide enhances repair of arsenic and ultraviolet radiation-induced DNA damage in HaCaT keratinocytes and ex vivo human skin.

Phenolic excipients of insulin formulations induce cell death, pro-inflammatory signaling and MCP-1 release.

Glu504Lys Single Nucleotide Polymorphism of Aldehyde Dehydrogenase 2 Gene and the Risk of Human Diseases.

Increase in oxidative stress biomarkers in dogs with ascending-descending myelomalacia following spinal cord injury.

Influence of titanium dioxide nanoparticles on 2,3,7,8-tetrachlorodibenzo-p-dioxin bioconcentration and toxicity in the marine fish European sea bass (*Dicentrarchus labrax*).

The effect of Agent Orange on nonmelanoma skin cancer regression rates.

Metallothioneins attenuate paraquat-induced acute lung injury in mice through the mechanisms of anti-oxidation and anti-apoptosis.

Progression of DNA damage induced by a glyphosate-based herbicide in fish (*Anguilla anguilla*) upon exposure and post-exposure periods--insights into the mechanisms of genotoxicity and DNA repair.

Are DNA-damaging effects induced by herbicide formulations (Roundup® and Garlon®) in fish transient and reversible upon cessation of exposure?

Induction of micronuclei and nuclear lesions in *Channa punctatus* following exposure to carbosulfan, glyphosate and atrazine.

Erythema multiforme-like eruption following acute allergic contact dermatitis after exposure to the emulsified herbicide acetochlor.

From surface to intracellular non-invasive nanoscale study of living cells impairments.

[Clinical analysis of two cases of skin burned by paraquat].

Unilateral hippocampal infarction associated with an attempted suicide: a case report.

The impact of Agent Orange on characteristics of coronary artery lesion and repeat revascularization.

Exacerbation of symptoms in agricultural pesticide applicators with asthma.

Dermal developmental toxicity of N-phenylimide herbicides in rats.

Post-Vietnam military herbicide exposures in UC-123 Agent Orange spray aircraft.

Allergic dermatitis from cyanamide for chronic alcoholism detoxification.

Species-dependent effects of biochar amendment on bioaccumulation of atrazine in earthworms.

Association between Agent Orange exposure and nonmelanotic invasive skin cancer: a pilot study.

Flurochloridone-based herbicides induced genotoxicity effects on *Rhinella arenarum* tadpoles (Anura: Bufonidae).

Stable isotope labeling method for the investigation of protein haptentation by electrophilic skin sensitizers.

XRCC1 Arg194Trp and Arg399Gln polymorphisms and arsenic methylation capacity are associated with urothelial carcinoma.

Differences of urinary arsenic metabolites and methylation capacity between individuals with and without skin lesions in Inner Mongolia, Northern China.

Research on tumorigenicity of cinnamaldehyde in melanoma cell lines and its mechanism.

Biodegradation of sulfosulphuron in agricultural soil by *Trichoderma* sp.

Estimating terrestrial amphibian pesticide body burden through dermal exposure.

Somatosensory and vasomotor manifestations of individual and combined stimulation of TRPM8 and TRPA1 using topical L-menthol and trans-cinnamaldehyde in healthy volunteers.

OxyR and SoxR modulate the inducible oxidative stress response and are implicated during different stages of infection for the bacterial phytopathogen *Pantoea stewartii* subsp. *stewartii*.

An increase of oxidised nucleotides activates DNA damage checkpoint pathway that regulates post-embryonic development in *Caenorhabditis elegans*.

Acrolein modification impairs key functional features of rat apolipoprotein E: identification of modified sites by mass spectrometry.

Organophosphate pesticide exposure and dialkyl phosphate urinary metabolites among chili farmers in northeastern Thailand.

Human skin in vitro permeation of bentazon and isoproturon formulations with or without protective clothing suit.

Uremic toxicity and sclerostin in chronic kidney disease patients.

AhR signalling and dioxin toxicity.

The novel regulations of MEF2A, CAMKK2, CALM3, and TNNI3 in ventricular hypertrophy induced by arsenic exposure in rats.

Effects of in utero exposure of C57BL/6J mice to 2,3,7,8-tetrachlorodibenzo-p-dioxin on epidermal permeability barrier development and function.

The Ah receptor regulates growth factor expression in head and neck squamous cell carcinoma cell lines.

The formation of DNA single-strand breaks and alkali-labile sites in human blood lymphocytes exposed to 365-nm UVA radiation.

Yashada bhasma (Zinc calx) and Tankana (Borax) inhibit *Propionibacterium acne* and suppresses acne induced inflammation in vitro.

Responsiveness of hepatic and cerebral cytochrome P450 in rat offspring prenatally and lactationally exposed to a reconstituted PCB mixture.

Androgen receptor signaling in hepatocellular carcinoma and pancreatic cancers.

Joint effects of urinary arsenic methylation capacity with potential modifiers on arsenicosis: a cross-sectional study from an endemic arsenism area in Huhhot Basin, northern China.

Gold nanoshells-mediated bimodal photodynamic and photothermal cancer treatment using ultra-low doses of near infra-red light.

Hepatoprotective and anticlastogenic effects of ethanol extract of *Irvingia gabonensis* (IG) leaves in sodium arsenite-induced toxicity in male Wistar rats.

The acquisition of cancer stem cell-like properties and neoplastic transformation of human keratinocytes induced by arsenite involves epigenetic silencing of *let-7c* via Ras/NF- κ B.

Mammalian microtubule P-body dynamics are mediated by nesprin-1.

Synthesis and biological evaluation of 10-(11) C-dihydratetrabenazine as a vesicular monoamine transporter 2 radioligand.

The thiocarbamate disulphide drug, disulfiram induces osteopenia in rats by inhibition of osteoblast function due to suppression of acetaldehyde dehydrogenase activity.

First demonstration of gold nanorods-mediated photodynamic therapeutic destruction of tumors via near infra-red light activation.

Augmented atherogenesis in ApoE-null mice co-exposed to polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The emerging role of Nrf2 in dermatotoxicology.

Increased expression of the aryl hydrocarbon receptor in patients with chronic inflammatory skin diseases.

Activation of Nrf2 in keratinocytes causes chloracne (MADISH)-like skin disease in mice.

Downregulation of p300 gene expression in airway mesenchyme of nitrofen-induced hypoplastic lungs.

Homoisoflavanone prevents mast cell activation and allergic responses by inhibition of Syk signaling pathway.

Effects of incapacitant spray deployed in the restraint and arrest of detainees in the Metropolitan Police Service area, London, UK: a prospective study.

A new alternative method for testing skin irritation using a human skin model: a pilot study.

Accidental exposure to polychlorinated biphenyls (PCB) in waste cargo after heavy seas. Global waste transport as a source of PCB exposure.

A novel 2,6-diformyl-4-methylphenol based chemosensor for Zn(II) ions by ratiometric displacement of Cd(II) ions and its application for cell imaging on human melanoma cancer cells.

Effects of intestinal bacteria-derived p-cresyl sulfate on Th1-type immune response in vivo and in vitro.

[The functional state of the kidneys after adenosine triphosphate-sensitive potassium channels activation in experimental acute hypoxia].

Histopathological evaluation of tumor necrosis and volume after cyanogenic chemotherapy.

Chemopreventive activity of turmeric essential oil and possible mechanisms of action.

Rapid iron desensitization after generalized urticaria and facial angioedema.

Induction of a chloracne phenotype in an epidermal equivalent model by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) is dependent on aryl hydrocarbon receptor activation and is not reproduced by aryl hydrocarbon receptor knock down.

Lack of nrf2 results in progression of proliferative lesions to neoplasms induced by long-term exposure to non-genotoxic hepatocarcinogens involving oxidative stress.

Mutation spectra of Kras and Tp53 in urethral and lung neoplasms in B6C3F1 mice treated with 3,3',4,4'-tetrachloroazobenzene.

Trichoderma genes in plants for stress tolerance- status and prospects.

Epoxyalcohols: bioactivation and conjugation required for skin sensitization.

Quantitative analysis of volatile organic compounds released and consumed by rat L6 skeletal muscle cells in vitro.

[Experimental evaluation of pure traditional Chinese medical mouth rinse on skin and mucosa stimulation and bacteriostatic-bactericidal effect].

Toothache caused by trigeminal neuralgia of vestibular schwannoma: a case report. [Corrected].

Atorvastatin restores arsenic-induced vascular dysfunction in rats: modulation of nitric oxide signaling and inflammatory mediators.

Glyphosate poisoning with acute pulmonary edema.

Transplanted human adipose tissue-derived stem cells engraft and induce regeneration in mice olfactory neuroepithelium in response to dichlobenil subadministration.

The regeneration of P2 olfactory sensory neurons is selectively impaired following methyl bromide lesion.

The combined treatment with chloroquine and the enzymatic oxidation products of spermine overcomes multidrug resistance of melanoma M14 ADR2 cells: a new therapeutic approach.

Aryl hydrocarbon receptor mediated activities in road dust from a metropolitan area, Hanoi-Vietnam: contribution of polycyclic aromatic hydrocarbons (PAHs) and human risk assessment.

Two-stage culture procedure using thidiazuron for efficient micropropagation of *Stevia rebaudiana*, an anti-diabetic medicinal herb.

Polychlorinated Biphenyls in Residential Soils and their Health Risk and Hazard in an Industrial City in India.

Histopathologic alterations associated with global gene expression due to chronic dietary TCDD exposure in juvenile zebrafish.

[Effect of tumor necrosis factor receptor associated factor 6 gene silencing by small interfering RNA on proliferation of odontoblast cells].

[The first stage of toxicology evaluation and analysis of 1502 pesticide samples].

Metabolic activation of the antibacterial agent triclocarban by cytochrome P450 1A1 yielding glutathione adducts.

The induction of long-term potentiation in spinal dorsal horn after peripheral nociceptive stimulation and contribution of spinal TRPV1 in rats.

Global assessment of arsenic pollution using sperm whales (*Physeter macrocephalus*) as an emerging aquatic model organism.

Bifidobacterium fermented milk and galacto-oligosaccharides lead to improved skin health by decreasing phenols production by gut microbiota.

Glyphosate surfactant herbicide poisoning and management.

TCDD induces dermal accumulation of keratinocyte-derived matrix metalloproteinase-10 in an organotypic model of human skin.

Production of crude cellulase and xylanase from *Trichoderma harzianum* PPDDN10 NFCCI-2925 and its application in photocopier waste paper recycling.

Persistent organic pollutant levels in semi-domesticated reindeer (*Rangifer tarandus tarandus* L.), feed, lichen, blood, milk, placenta, foetus and calf.

Label-retaining, quiescent globose basal cells are found in the olfactory epithelium.

Hypoxia perturbs aryl hydrocarbon receptor signaling and CYP1A1 expression induced by PCB 126 in human skin and liver-derived cell lines.

Mechanism for the protective effect of diallyl disulfide against cyclophosphamide acute urotoxicity in rats.

Dermal uptake of organic vapors commonly found in indoor air.

Conflicts of interests, confidentiality and censorship in health risk assessment: the example of an herbicide and a GMO.

History of Chemistry in the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK).

Viscous optical clearing agent for in vivo optical imaging.

Alpha-lipoic acid protects oxidative stress, changes in cholinergic system and tissue histopathology during co-exposure to arsenic-dichlorvos in rats.

Oral lesions and pulmonary fibrosis after ingesting grapes.

High level of dioxin-TEQ in tissue is associated with Agent Orange exposure but not with biochemical recurrence after radical prostatectomy.

[Two case reports of scrotal skin burn complicated with organ function lesion caused by paraquat].

Mechanisms involved in oxidative stress regulation.

Mechanisms of permanent loss of olfactory receptor neurons induced by the herbicide 2,6-dichlorobenzonitrile: effects on stem cells and noninvolvement of acute induction of the inflammatory cytokine IL-6.

Toll-like receptor 4 is involved in myocardial damage following paraquat poisoning in mice.

Dose-response of diuron [3-(3,4-dichlorophenyl)-1,1-dimethylurea] in the urothelial mucosa of Wistar rats.

Evaluation of hydroxyatrazine in the endocrine disruptor screening and testing program's male and female pubertal protocols.

Oxidative stress-induced mutagenesis in single-strand DNA occurs primarily at cytosines and is DNA polymerase zeta-dependent only for adenines and guanines.

Procedures to evaluate the efficiency of protective clothing worn by operators applying pesticide.

Agent Orange exposure and prevalence of self-reported diseases in Korean Vietnam veterans.

Evaluation of selected biomarkers for the detection of chemical sensitization in human skin: a comparative study applying THP-1, MUTZ-3 and primary dendritic cells in culture.

Clinicopathological features of mycosis fungoides in patients exposed to Agent Orange during the Vietnam War.

Questions concerning the potential impact of glyphosate-based herbicides on amphibians.

Effects of the herbicide atrazine in neotropical catfish (*Rhamdia quelen*).

Spinal transient receptor potential ankyrin 1 channel induces mechanical hypersensitivity, increases cutaneous blood flow, and mediates the pronociceptive action of dynorphin A.

CT imaging as a prognostic indicator for patients with pulmonary injury from acute paraquat poisoning.

Specific pesticide-dependent increases in α -synuclein levels in human neuroblastoma (SH-SY5Y) and melanoma (SK-MEL-2) cell lines.

The sensitivity of the KeratinoSens[®] assay to evaluate plant extracts: a pilot study.

Severe adverse effects related to dermal exposure to a glyphosate-surfactant herbicide.

Paraquat-induced retinal degeneration is exaggerated in CX3CR1-deficient mice and is associated with increased retinal inflammation.

Allergic contact dermatitis due to dazomet absorbed by agricultural rubber boots.

Arsenic metabolism efficiency has a causal role in arsenic toxicity: Mendelian randomization and gene-environment interaction.

Slow accumulation of mutations in Xpc^{-/-} mice upon induction of oxidative stress.

Protective effects of cinnamic acid and cinnamic aldehyde on isoproterenol-induced acute myocardial ischemia in rats.

Participation of catalase in voluntary ethanol consumption in perinatally low-level lead-exposed rats.

Cinnamomum cassia essential oil inhibits α -MSH-induced melanin production and oxidative stress in murine B16 melanoma cells.

Plant derived aporphinic alkaloid S-(+)-dicentrine induces antinociceptive effect in both acute and chronic inflammatory pain models: evidence for a role of TRPA1 channels.

The dose of cyclophosphamide for treating paraquat-induced rat lung injury.

Mitochondria-targeted antioxidant peptide SS31 protects the retinas of diabetic rats.

Thermal grill-evoked sensations of heat correlate with cold pain threshold and are enhanced by menthol and cinnamaldehyde.

Regular ingestion of cinnamomi cortex pulveratus offers gastroprotective activity in mice.

9-cis retinoic acid is the ALDH1A1 product that stimulates melanogenesis.

Acrolein-conjugated low-density lipoprotein induces macrophage foam cell formation.

Thirteen week rodent feeding study with grain from molecular stacked trait lepidopteran and coleopteran protected (DP- α -4114-3) maize.

2-Hydroxycinnamaldehyde inhibits the epithelial-mesenchymal transition in breast cancer cells.

Evaluation of non-radioactive endpoints of ex vivo local lymph node assay-BrdU to investigate select contact sensitizers.

Repair kinetics of acrolein- and (E)-4-hydroxy-2-nonenal-derived DNA adducts in human colon cell extracts.

LESION SIMULATING DISEASE1 interacts with catalases to regulate hypersensitive cell death in Arabidopsis.

Reactive oxygen species promote chloroplast dysfunction and salicylic acid accumulation in fumonisin B1-induced cell death.

Translesion synthesis past acrolein-derived DNA adducts by human mitochondrial DNA polymerase β .

Direct detection of chlorpropham on potato skin using desorption electrospray ionization.

Assessment of the acaricidal activity of carvacrol, (E)-cinnamaldehyde, trans-anethole, and linalool on larvae of *Rhipicephalus microplus* and *Dermacentor nitens* (Acari: Ixodidae).

Contact sensitizing potential of pyrogallol and 5-amino-o-cresol in female BALB/c mice.

Singlet oxygen mediated DNA damage induced phototoxicity by ketoprofen resulting in mitochondrial depolarization and lysosomal destabilization.

The neurological effects of methyl bromide intoxication.

Induction of thymic stromal lymphopoietin production by nonanoic acid and exacerbation of allergic inflammation in mice.

The dioxin receptor has tumor suppressor activity in melanoma growth and metastasis.

Photosensitization of singlet oxygen and in vivo photodynamic therapeutic effects mediated by PEGylated W(18)O(49) nanowires.

Stability and performance of rapid-acting insulin analogs used for continuous subcutaneous insulin infusion: a systematic review.

Association between blood levels of PCDDs/PCDFs/dioxin-like PCBs and history of allergic and other diseases in the Japanese population.

Reduction of CC-chemokine ligand 5 by aryl hydrocarbon receptor ligands.

Iron supplementation among pregnant women: results from a population-based survey study.

Malassezia yeasts produce a collection of exceptionally potent activators of the Ah (dioxin) receptor detected in diseased human skin.

Sensitizing capacity of Disperse Orange 1 and its potential metabolites from azo reduction and their cross-reactivity pattern.

Renal metabolic profiling of early renal injury and renoprotective effects of *Poria cocos* epidermis using UPLC Q-TOF/HSMS/MSE.

Monoisoamyl 2,3-dimercaptosuccinic acid attenuates arsenic induced toxicity: behavioral and neurochemical approach.

Longwave UV light induces the aging-associated progerin.

Genotoxic and clastogenic effects of monohaloacetic acid drinking water disinfection by-products in primary human lymphocytes.

Reduction in impulse noise-induced permanent threshold shift with intracochlear application of an NADPH oxidase inhibitor.

Iron plays a certain role in patterned hair loss.

The human Ah receptor: hints from dioxin toxicities to deregulated target genes and physiological functions.

EMT and CSC-like properties mediated by the IKK β /I κ B α /RelA signal pathway via the transcriptional regulator, Snail, are involved in the arsenite-induced neoplastic transformation of human keratinocytes.

Epigenetics and pesticides.

[Effects of Shenwu capsule on learning-memory ability and cholinergic function of brain in AD-like rat model induced by chronic infusion of sodium azide by minipump].

[Effects of icariin on beta-amyloid and neurotrophic factors in brain of mitochondrial deficiency model rats].

Action of hexachlorobenzene on tumor growth and metastasis in different experimental models.

Biological and tumor-promoting effects of dioxin-like and non-dioxin-like polychlorinated biphenyls in mouse liver after single or combined treatment.

Teratogenic effects of 4-nonylphenol on early embryonic and larval development of the catfish *Heteropneustes fossilis*.

Association between exposure to dioxin-like polychlorinated biphenyls and miR-191 expression in human peripheral blood mononuclear cells.

Fentichlor photocontact dermatitis: a persistent enigma.

Cases from NACCT acute and intensive care symposium: altered mental status, seizures, and rash in a fumigation company employee.

Mortality of American bullfrog tadpoles *Lithobates catesbeianus* infected by *Gyrodactylus jennyae* and experimentally exposed to *Batrachochytrium dendrobatidis*.

Spontaneous renal tumors in two rats from a thirteen week rodent feeding study with grain from molecular stacked trait lepidopteran and coleopteran resistant (DP- \sim 4114-3) maize.

Enhanced carcinogenicity by coexposure to arsenic and iron and a novel remediation system for the elements in well drinking water.

Blood levels of PCDDs, PCDFs, and coplanar PCBs in Yusho mothers and their descendants: association with fetal Yusho disease.

CD44v6 expression in human skin keratinocytes as a possible mechanism for carcinogenesis associated with chronic arsenic exposure.

Increased kidney metabolism as a pathway to kidney tissue hypoxia and damage: effects of triiodothyronine and dinitrophenol in normoglycemic rats.

Accidental occupational exposure to phytosanitary products: experience of the Poison Control Center in Marseille from 2008 to 2010.

Estimation of the enamel and dentin mineral content from the refractive index.

Comparison of destructive periodontal disease in blue iris mink to PCB 126-induced mandibular and maxillary squamous epithelial proliferation in natural dark mink.

Linkages between the life-history evolution of tropical and temperate birds and the resistance of cultured skin fibroblasts to oxidative and non-oxidative chemical injury.

Oxysterols modulate calcium signalling in the A7r5 aortic smooth muscle cell-line.

Impact of 2,3,7,8-tetrachlorodibenzo-p-dioxin on cutaneous wound healing.

Functional recovery of odor representations in regenerated sensory inputs to the olfactory bulb.

Glyphosate, pathways to modern diseases II: Celiac sprue and gluten intolerance.

Demonstration of ATP-dependent, transcellular transport of lipid across the lymphatic endothelium using an in vitro model of the lacteal.

Paraquat poisoning by skin absorption: Two case reports and a literature review.

Rodent models of Parkinson's disease: beyond the motor symptomatology.

Comparative developmental toxicity of new aromatic halogenated DBPs in a chlorinated saline sewage effluent to the marine polychaete *Platynereis dumerilii*.

Spatial distribution of polychlorinated dibenzo-p-dioxins and dibenzo-furans (PCDDs/Fs) in dust, soil, sediment and health risk assessment from an intensive electronic waste recycling site in Southern China.

Resveratrol stimulates mitochondrial bioenergetics to protect retinal pigment epithelial cells from oxidative damage.

Gene expression and pathologic alterations in juvenile rainbow trout due to chronic dietary TCDD exposure.

A new in vivo model of pantothenate kinase-associated neurodegeneration reveals a surprising role for transcriptional regulation in pathogenesis.

Acute toxicity of some synthetic cyanogens in rats: time-dependent cyanide generation and cytochrome oxidase inhibition in soft tissues after sub-lethal oral intoxication.

Emptying of Intracellular Calcium Pool and Oxidative Stress Imbalance Are Associated with the Glyphosate-Induced Proliferation in Human Skin Keratinocytes HaCaT Cells.

Transplantation of induced pluripotent stem cells without C-Myc attenuates retinal ischemia and reperfusion injury in rats.

Lignin isolated from steam-exploded eucalyptus wood chips by phase separation and its affinity to *Trichoderma reesei* cellulase.

Synthesis and cytotoxicity of oligomycin A derivatives modified in the side chain.

Dietary carnosine prevents early atherosclerotic lesion formation in apolipoprotein E-null mice.

Switchable skin window induced by optical clearing method for dermal blood flow imaging.

Two-photon microscopy and fluorescence lifetime imaging of retinal pigment epithelial cells under oxidative stress.

Targeting ALDH1A1 to treat pigmentary disorders.

Loss of Neil3, the major DNA glycosylase activity for removal of hydantoins in single stranded DNA, reduces cellular proliferation and sensitizes cells to genotoxic stress.

Influence of cyclic mechanical stretch and tissue constraints on cellular and collagen alignment in fibroblast-derived cell sheets.

Cortical microtubule arrays are initiated from a nonrandom prepattern driven by atypical microtubule initiation.

Global expression profiling of globose basal cells and neurogenic progression within the olfactory epithelium.

Cancer incidence in pulmonary vasculitis.

Generation of rice mutants by chemical mutagenesis.

Effects of bioreactive acrolein from automotive exhaust gases on human cells in vitro.

Mechanisms underlying the inhibitory effects of arsenic compounds on protein tyrosine phosphatase (PTP).

The involvement of Arabidopsis glutathione peroxidase 8 in the suppression of oxidative damage in the nucleus and cytosol.

A step further toward glyphosate-induced epidermal cell death: involvement of mitochondrial and oxidative mechanisms.

Hepatic protein expression networks associated with masculinization in the female fathead minnow (*Pimephales promelas*).

[Therapeutic effects of epidermal growth factor (EGF) combined with plasma cryoprecipitate (CRYO) on the corneal injury induced by paraquat].

Peripheral nerve and skin damage associated with working in a STCP factory: report of four cases.

Differential genotoxicity of Roundup(®) formulation and its constituents in blood cells of fish (*Anguilla anguilla*): considerations on chemical interactions and DNA damaging mechanisms.

Effects of herbicides and the chytrid fungus *Batrachochytrium dendrobatidis* on the health of post-metamorphic northern leopard frogs (*Lithobates pipiens*).

Subchronic exposure to atrazine induces biochemical and histopathological changes in the gills of a Neotropical freshwater fish, *Prochilodus lineatus*.

Successful treatment of patients with paraquat intoxication: three case reports and review of the literature.

[Paraquat poisoning. Case report and overview].

Effect of topical dimethylarsinic acid on the expression of apoptosis-related proteins in mouse skin.

Farmers' exposure to herbicides in North Italy: assessment under real-life conditions in small-size rice and corn farms.

[The relationship between HIF-1 α expression and the early lung fibrosis in rats with acute paraquat poisoning].

Glyphosate-induced stiffening of HaCaT keratinocytes, a Peak Force Tapping study on living cells.

Animal models of Parkinson's disease.

DNA damage in fish (*Anguilla anguilla*) exposed to a glyphosate-based herbicide -- elucidation of organ-specificity and the role of oxidative stress.

Renal, hepatic, pulmonary and adrenal tumors induced by prenatal inorganic arsenic followed by dimethylarsinic acid in adulthood in CD1 mice.

[Experimental anticoagulant therapy of acute lung injury induced by paraquat].

Effects of subchronic exposure to atrazine on zebrafish (*Danio rerio*).

The effects of subchronic exposure to metribuzin on *Danio rerio*.

Effect of chronic pesticide exposure in farm workers of a Mexico community.

Exposure to a commercial glyphosate formulation (Roundup[®]) alters normal gill and liver histology and affects male sexual activity of *Jenynsia multidentata* (Anablepidae, Cyprinodontiformes).

Methylation capacity of arsenic and skin lesions in smelter plant workers.

In vitro induction of tetraploid garlic with trifluralin.

Monoclonal antibody against protein-bound glutathione: use of glutathione conjugate of acrolein-modified proteins as an immunogen.

Attenuation of mouse somatic and emotional inflammatory pain by hydralazine through scavenging acrolein and inhibiting neuronal activation.

Resveratrol inhibits paraquat-induced oxidative stress and fibrogenic response by activating the nuclear factor erythroid 2-related factor 2 pathway.

TRPA1 is functionally expressed in melanoma cells but is not critical for impaired proliferation caused by allyl isothiocyanate or cinnamaldehyde.

Evaluating the efficacy of cinnamaldehyde and *Echinacea purpurea* plant extract in broilers against *Eimeria acervulina*.

Inverse correlation between stroke and urinary 3-hydroxypropyl mercapturic acid, an acrolein-glutathione metabolite.

Stability of selected volatile contact allergens in different patch test chambers under different storage conditions.

Molecular characterization of the putative transcription factor SebA involved in virulence in *Aspergillus fumigatus*.

Effect of carcinogenic acrolein on DNA repair and mutagenic susceptibility.

Function and immunocytochemical localization of two novel odorant-binding proteins in olfactory sensilla of the scarab beetle *Holotrichia oblita* Faldermann (Coleoptera: Scarabaeidae).

TRPA1 is functionally expressed primarily by IB4-binding, non-peptidergic mouse and rat sensory neurons.

Biosynthesis and functions of a melanoid pigment produced by species of the sporothrix complex in the presence of L-tyrosine.

Enhanced apoptosis in retinal pigment epithelium under inflammatory stimuli and oxidative stress.

Predictors of cure, amputation and follow-up dropout among patients with mycetoma seen at the Mycetoma Research Centre, University of Khartoum, Sudan.

Necrosis and apoptosis of renal tubular epithelial cells in rats exposed to 3-methyl-4-nitrophenol.

Adverse alterations in mitochondrial function contribute to type 2 diabetes mellitus-related endothelial dysfunction in humans.

Eccrine porocarcinoma with carcinomatous lymphangitis in a patient with history of arsenic exposure: a case report.

Suicidal sodium azide intoxication: An analytical challenge based on a rare case.

Patch testing with the textile dyes Disperse Orange 1 and Disperse Yellow 3 and some of their potential metabolites, and simultaneous reactions to para-amino compounds.

Glutamine suppresses dinitrophenol fluorobenzene-induced allergic contact dermatitis and itching: inhibition of contact dermatitis by glutamine.

In vitro and in vivo biological evaluation of new 4,5-disubstituted 1,2,3-triazoles as cis-constrained analogs of combretastatin A4.

Tumors and proliferative lesions in adult offspring after maternal exposure to methylarsonous acid during gestation in CD1 mice.

Inorganic arsenic and basal cell carcinoma in areas of Hungary, Romania, and Slovakia: a case-control study.

Src-mediated aryl hydrocarbon and epidermal growth factor receptor cross talk stimulates colon cancer cell proliferation.

Assessment of the sensitizing potential of textile disperse dyes and some of their metabolites by the loose-fit coculture-based sensitization assay (LCSA).

Cross-regulations among NRFs and KEAP1 and effects of their silencing on arsenic-induced antioxidant response and cytotoxicity in human keratinocytes.

Metformin reduces endogenous reactive oxygen species and associated DNA damage.

Isolation and identification of C-19 fatty acids with anti-tumor activity from the spores of *Ganoderma lucidum* (reishi mushroom).

A fatal case of mothball intoxication presenting with refractory pruritus and ichthyosis.

Effects of prenatal exposure to sodium arsenite on motor and food-motivated behaviors from birth to adulthood in C57BL6/J mice.

ErbB1/2 tyrosine kinase inhibitor mediates oxidative stress-induced apoptosis in inflammatory breast cancer cells.

Up-regulation of osteopontin expression by aryl hydrocarbon receptor via both ligand-dependent and ligand-independent pathways in lung cancer.

Evidence of a suffocation alarm system within the periaqueductal gray matter of the rat.

Quantitative proteomic analyses of cerebrospinal fluid using iTRAQ in a primate model of iron deficiency anemia.

Exogenous inflammatory acne due to combined application of cosmetic and facial rubbing.

Enhancing effects of trichloroethylene and tetrachloroethylene on type I allergic responses in mice.

Genome-wide association study identifies chromosome 10q24.32 variants associated with arsenic metabolism and toxicity phenotypes in Bangladesh.

The pulmonary mesenchymal tissue layer is defective in an in vitro recombinant model of nitrofen-induced lung hypoplasia.

The cutaneous lesions of dioxin exposure: lessons from the poisoning of Victor Yushchenko.

In vitro evaluation of betamethasone esters for phototoxic potential.

Contact and fumigant toxicities of 3-methylphenol isolated from *Ostericum koreanum* and its derivatives against house dust mites.

Chitinolytic assay of indigenous *Trichoderma* isolates collected from different geographical locations of Chhattisgarh in Central India.

Arsenate reduction and methylation in the cells of *Trichoderma asperellum* SM-12F1, *Penicillium janthinellum* SM-12F4, and *Fusarium oxysporum* CZ-8F1 investigated with X-ray absorption near edge structure.

1 α ,25 dihydroxyvitamin D₃ enhances cellular defences against UV-induced oxidative and other forms of DNA damage in skin.

The effect of aryl hydrocarbon receptor ligands on the expression of polymerase (DNA directed) κ (Pol^{κ}), polymerase RNA II (DNA directed) polypeptide A (PolR2a), CYP1B1 and CYP1A1 genes in rat liver.

Incidence of jaw lesions and activity and gene expression of hepatic P4501A enzymes in mink (*Mustela vison*) exposed to dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin, 2,3,7,8-tetrachlorodibenzofuran, and 2,3,4,7,8-pentachlorodibenzofuran.

The osteogenesis of bacterial cellulose scaffold loaded with bone morphogenetic protein-2.

Mutagenic and antimutagenic properties of some lichen species grown in the Eastern Anatolia Region of Turkey.

Accumulation and toxic effect of arsenic and other heavy metals in a contaminated area of West Bengal, India, in the lichen *Pyxine coccinea* (Sw.) Nyl.

A New Rice Disease, Black Sheath Spot, Caused by *Curvularia fallax* in China.

Poor air quality in classrooms related to asthma and rhinitis in primary schoolchildren of the French 6 Cities Study.

Role of chondroitin sulfate C in the action of anthrax toxin.

Somatic embryogenesis of a wild passion fruit species *Passiflora cincinnata* Masters: histocytological and histochemical evidences.

Enhanced optical clearing of skin in vivo and optical coherence tomography in-depth imaging.

Metabolism of the antibacterial triclocarban by human epidermal keratinocytes to yield protein adducts.

Protective effect of *Enicostema axillare* on mutagenicity of *Salmonella typhimurium* by increasing free radical scavenging abilities.

GSTO and AS3MT genetic polymorphisms and differences in urinary arsenic concentrations among residents in Bangladesh.

Clinical outcome of veterans with acute coronary syndrome who had been exposed to agent orange.

Extracellular tyrosinase from the fungus *Trichoderma reesei* shows product inhibition and different inhibition mechanism from the intracellular tyrosinase from *Agaricus bisporus*.

Acute inhalation study of allyl alcohol for derivation of acute exposure guideline levels.

Maternal exposure to drinking-water chlorination by-products and small-for-gestational-age neonates.

Site-specific oxidation of apolipoprotein A-I impairs cholesterol export by ABCA1, a key cardioprotective function of HDL.

Ovariectomized mouse uterotrophic assay of 36 chemicals.

The Aryl Hydrocarbon Receptor Influences Transplant Outcomes in Response to Environmental Signals.

Enzymatic degradation of endocrine-disrupting chemicals in aquatic plants and relations to biological Fenton reaction.

Computer controlled chamber measurements for clay adherence relevant for potential dioxin exposure through skin.

Biological analysis of endocrine-disrupting chemicals in animal meats from the Pearl River Delta, China.

Effects of deliberate ingestion of organophosphate or paraquat on brain stem auditory-evoked potentials.

Enhanced sensitization and elicitation responses caused by mixtures of common fragrance allergens.

Removal of reactive oxygen species-induced 3'-blocked ends by XPF-ERCC1.

Amphibians at risk? Susceptibility of terrestrial amphibian life stages to pesticides.

Demasculinization and feminization of male gonads by atrazine: consistent effects across vertebrate classes.

Protective effect of 4,4'-diaminodiphenylsulfone against paraquat-induced mouse lung injury.

Toxicology and risk assessment of acrolein in food.

Comparison of nitrofen uptake via water and food and its distribution in tissue of common carp, *Cyprinus carpio* L.

³H-Hydroxy-1,N2-propano-2'-deoxyguanosine DNA adduct conjugates the N-terminal amine of the KWKK peptide via a carbinolamine linkage.

A novel human volunteer pain model using contact heat evoked potentials (CHEP) following topical skin application of transient receptor potential agonists capsaicin, menthol and cinnamaldehyde.

Acrolein inhalation prevents vascular endothelial growth factor-induced mobilization of Flk-1+/Sca-1+ cells in mice.

Waterborne exposure to clodinafop-propargyl disrupts the posterior and ventral development of zebrafish embryos.

Granulocyte macrophage-colony stimulating factor protects against substantia nigra dopaminergic cell loss in an environmental toxin model of Parkinson's disease.

Systemic contact dermatitis in children: how an avoidance diet can make a difference.

Neonatal exposure to herbicide acetochlor alters pubertal development in female wistar rats.

Histopathological changes in gill, liver and kidney of neotropical fish *Colossoma macropomum* exposed to paraquat at different temperatures.

Effects of atrazine, agricultural runoff, and selected effluents on antimicrobial activity of skin peptides in *Xenopus laevis*.

Acrolein, an I- κ B α -independent downregulator of NF- κ B activity, causes the decrease in nitric oxide production in human malignant keratinocytes.

A review of epidemiologic studies of triazine herbicides and cancer.

Ferulic acid attenuation of advanced glycation end products extends the lifespan of *Caenorhabditis elegans*.

Liquid chromatographic-electrospray mass spectrometric determination of 1-methyl-4-phenylpyridine (MPP+) in discrete regions of murine brain.

Chronic progressive nephropathy in male F344 rats in 90-day toxicity studies: its occurrence and association with renal tubule tumors in subsequent 2-year bioassays.

Erythema multiforme major due to occupational exposure to the herbicides alachlor and butachlor.

The effects of Click 500 SC (terbuthylazine) on common carp *Cyprinus carpio* under (sub)chronic conditions.

Pesticide risk assessment: A study on inhalation and dermal exposure to 2,4-D and paraquat among Malaysian paddy farmers.

Glycogen synthase kinase 3 β and its phosphorylated form (Y216) in the paraquat-induced model of parkinsonism.

A guide to neurotoxic animal models of Parkinson's disease.

The involvement of TRPA1 channel activation in the inflammatory response evoked by topical application of cinnamaldehyde to mice.

Isopentenyl pyrophosphate is a novel antinociceptive substance that inhibits TRPV3 and TRPA1 ion channels.

A pathway-based analysis of urinary arsenic metabolites and skin lesions.

Oral exposure to acrolein exacerbates atherosclerosis in apoE-null mice.

Arsenic methylation capacity and its correlation with skin lesions induced by contaminated drinking water consumption in residents of chronic arsenicosis area.

Carnosine protects against the neurotoxic effects of a serotonin-derived melanoid.

Mitochondrial dysfunction in skin fibroblasts from a Parkinson's disease patient with an alpha-synuclein triplication.

Measuring the penetration of a skin sensitizer and its delivery vehicles simultaneously with confocal Raman spectroscopy.

Patch testing for food-associated allergies in orofacial granulomatosis.

Application of liquid chromatography-direct-electron ionization-MS in an in vitro dermal absorption study: quantitative determination of trans-cinnamaldehyde.

Dermal carbonyl modification is related to the yellowish color change of photo-aged Japanese facial skin.

Reagent precoated targets for rapid in-tissue derivatization of the anti-tuberculosis drug isoniazid followed by MALDI imaging mass spectrometry.

Assessment of dermal exposure to pesticide residues during re-entry.

Herbicidal activity of culture filtrates of *Trichoderma* spp. against two problematic weeds of wheat.

A tingling sanshool derivative excites primary sensory neurons and elicits nocifensive behavior in rats.

Contact and fumigant toxicity of cinnamaldehyde and cinnamic acid and related compounds to *Dermatophagoides farinae* and *Dermatophagoides pteronyssinus* (Acari: Pyroglyphidae).

Occupational hand dermatitis among cement workers in Taiwan.

The management of iron deficiency in menometrorrhagia.

Controlling viral immuno-inflammatory lesions by modulating aryl hydrocarbon receptor signaling.

Environmental- and injury-related epidemic-assistance investigations, 1946-2005.

Regulation of apoptosis in human melanoma and neuroblastoma cells by statins, sodium arsenite and TRAIL: a role of combined treatment versus monotherapy.

Retinoic acid drives aryl hydrocarbon receptor expression and is instrumental to dioxin-induced toxicity during palate development.

Air pollution in autoimmune rheumatic diseases: a review.

Effect of iron on enamel demineralization and remineralization in vitro.

Discovery of potent, selective, and orally bioavailable alkynylphenoxyacetic acid CRTH2 (DP2) receptor antagonists for the treatment of allergic inflammatory diseases.

Heated indoor swimming pools, infants, and the pathogenesis of adolescent idiopathic scoliosis: a neurogenic hypothesis.

Animal models of Parkinson's disease: a source of novel treatments and clues to the cause of the disease.

Exposure to 3-methyl-4-nitrophenol affects testicular morphology and induces spermatogenic cell apoptosis in immature male rats.

Biophoton emissions from cell cultures: biochemical evidence for the plasma membrane as the primary source.

Antiproliferative and anti-invasive effects of inorganic and organic arsenic compounds on human and murine melanoma cells in vitro.

Topical absorption and systemic toxicity.

The embryology of the diaphragm.

Surprises perilous: toxic health hazards for employees unloading fumigated shipping containers.

Could *Malassezia* yeasts be implicated in skin carcinogenesis through the production of aryl-hydrocarbon receptor ligands?

Activation and up-regulation of translation initiation factor 4B contribute to arsenic-induced transformation.

Activation of aryl hydrocarbon receptor induces vascular inflammation and promotes atherosclerosis in apolipoprotein E^{-/-} mice.

Exposure to iodomethane and dichloromethane associated with a confusional state.

Long-term effects on humoral immunity among workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Insulin allergy.

2, 4-dinitrophenol poisoning caused by non-oral exposure.

Plasma levels of polychlorinated biphenyls and risk of cutaneous malignant melanoma: a preliminary study.

Activation of c-Src/HER1/STAT5b and HER1/ERK1/2 signaling pathways and cell migration by hexachlorobenzene in MDA-MB-231 human breast cancer cell line.

Aryl hydrocarbon receptor activation during pregnancy, and in adult nulliparous mice, delays the subsequent development of DMBA-induced mammary tumors.

Arsenite-induced apoptosis is prevented by selenite in A375 cell line.

Abnormal expression of MAPK, EGFR, CK17 and TGK in the skin lesions of chloracne patients exposed to dioxins.

Arsenic: toxicity, oxidative stress and human disease.

Metabolic profile and assessment of occupational arsenic exposure in copper- and steel-smelting workers in China.

Acute tubular necrosis due to cutaneous contact with cresol.

Oxidative stress and hepatic stellate cell activation are key events in arsenic induced liver fibrosis in mice.

Beneficial network effects of methylene blue in an amnesic model.

Suppression of the proinflammatory response of metastatic melanoma cells increases TRAIL-induced apoptosis.

Applicability of an exaggerated forearm wash test for efficacy testing of two corticosteroids, tacrolimus and glycerol, in topical formulations against skin irritation induced by two different irritants.

Carcinogenic effects of "whole-life" exposure to inorganic arsenic in CD1 mice.

Arsenic biotransformation by arsenic-resistant fungi *Trichoderma asperellum* SM-12F1, *Penicillium janthinellum* SM-12F4, and *Fusarium oxysporum* CZ-8F1.

An Exo2 derivative affects ER and Golgi morphology and vacuolar sorting in a tissue-specific manner in arabidopsis.

Attenuating effect of lycopene and ellagic acid on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced spermotoxicity and testicular apoptosis.

Photoirradiation of dehydropyrrolizidine alkaloids--formation of reactive oxygen species and induction of lipid peroxidation.

Protective effects of methanol extracts from *Cladonia rangiformis* and *Umbilicaria vellea* against known mutagens sodium azide and 9-aminoacridine.

Urinary arsenic metabolites of subjects exposed to elevated arsenic present in coal in Shaanxi Province, China.

Metam sodium intoxication: the specific role of degradation products--methyl isothiocyanate and carbon disulphide--as a function of exposure.

Role of mitochondria in the maintenance of platelet function during in vitro storage.

Novel hormonal delivery method using the ink-jet technology: application to pulmonary insulin therapies.

Cigarette smoke increases susceptibility to tuberculosis--evidence from in vivo and in vitro models.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters sebaceous gland cell differentiation in vitro.

Manganese uptake and distribution in the brain after methyl bromide-induced lesions in the olfactory epithelia.

Effects of a cellulose mask synthesized by a bacterium on facial skin characteristics and user satisfaction.

Mutagenicity induced by UVC in *Escherichia coli* cells: reactive oxygen species involvement.

NTP toxicity studies of toxicity studies of 2,4-decadienal (CAS No. 25152-84-5) administered by gavage to F344/N Rats and B6C3F1 mice.

Analytical method for assessing potential dermal exposure to pesticides of a non-agricultural occupationally exposed population.

Biosynthesis of the cyanogenic glucosides linamarin and lotaustralin in cassava: isolation, biochemical characterization, and expression pattern of CYP71E7, the oxime-metabolizing cytochrome P450 enzyme.

Prior exposure to organophosphorus and organochlorine pesticides increases the allergic potential of environmental chemical allergens in a local lymph node assay.

Nitric oxide in paraquat-mediated toxicity: A review.

Occupational allergy to cinnamal in a baker.

Hydroxytyrosol protects against oxidative damage by simultaneous activation of mitochondrial biogenesis and phase II detoxifying enzyme systems in retinal pigment epithelial cells.

Identification of PDL-1 as a novel biomarker of sensitizer exposure in dendritic-like cells.

Evaluation of diuron (3-[3,4-dichlorophenyl]-1,1-dimethyl urea) in a two-stage mouse skin carcinogenesis assay.

Combined exposure of peripubertal male rats to the endocrine-disrupting compound atrazine and power-frequency electromagnetic fields causes degranulation of cutaneous mast cells: a new toxic environmental hazard?

Morphological damages of a glyphosate-treated human keratinocyte cell line revealed by a micro- to nanoscale microscopic investigation.

Severe paraquat poisoning: clinical and radiological findings in a survivor.

Systemic contact dermatitis presenting as lichen planus of the lip.

Quantitative risk assessment of contact sensitization: clinical data to assess utility of the model.

Paraquat and Parkinson's disease.

Paraquat ingestion: a challenging diagnosis.

Simvastatin attenuates acrolein-induced mucin production in rats: involvement of the Ras/extracellular signal-regulated kinase pathway.

Acrolein increases 5-lipoxygenase expression in murine macrophages through activation of ERK pathway.

Atrazine affects kidney and adrenal hormones (AHs) related genes expressions of rare minnow (*Gobiocypris rarus*).

Spontaneous mutation frequency is elevated in skin of harlequin (hq)/Big Blue mice.

Oral administration of paraquat perturbs immunoglobulin productivity in mouse.

Urethral carcinoma and hyperplasia in male and female B6C3F1 mice treated with 3,3',4,4'-tetrachloroazobenzene (TCAB).

Impact of alpha-hydroxy-propanodeoxyguanine adducts on DNA duplex energetics: opposite base modulation and implications for mutagenicity and genotoxicity.

Suppression of ROS generation by 4,4-diaminodiphenylsulfone in non-phagocytic human diploid fibroblasts.

Studies on glyphosate-induced carcinogenicity in mouse skin: a proteomic approach.

Tacrolimus modulates dendritic cell activation in the sensitization phase of allergic contact dermatitis.

Cytotoxicity and regenerative proliferation as the mode of action for diuron-induced urothelial carcinogenesis in the rat.

Landscape-scale distribution and persistence of genetically modified oilseed rape (*Brassica napus*) in Manitoba, Canada.

Oxidatively generated DNA damage induced by 3-amino-5-mercapto-1,2,4-triazole, a metabolite of carcinogenic amitrole.

Behavioral evidence of thermal hyperalgesia and mechanical allodynia induced by intradermal cinnamaldehyde in rats.

Impact of smoking and chewing tobacco on arsenic-induced skin lesions.

Differential effects of substance P or hemokinin-1 on transient receptor potential channels, TRPV1, TRPA1 and TRPM8, in the rat.

Potential effects of the herbicide Diuron on mammary and urinary bladder two-stage carcinogenesis in a female Swiss mouse model.

Effects of strain differences and vehicles on results of local lymph node assays.

Substance MCS-18 isolated from *Helleborus purpurascens* is a potent antagonist of the capsaicin receptor, TRPV1, in rat cultured sensory neurons.

Urinary biomarker, dermal, and air measurement results for 2,4-D and chlorpyrifos farm applicators in the Agricultural Health Study.

Evidence for the pathophysiological relevance of TRPA1 receptors in the cardiovascular system in vivo.

Minor groove orientation of the KWKK peptide tethered via the N-terminal amine to the acrolein-derived 1,N2-gamma-hydroxypropanodeoxyguanosine lesion with a trimethylene linkage.

Topical application of TRPA1 agonists and brief cold exposure accelerate skin permeability barrier recovery.

Role of the DinB homologs Rv1537 and Rv3056 in *Mycobacterium tuberculosis*.

NMR structure of duplex DNA containing the alpha-OH-PdG.dA base pair: a mutagenic intermediate of acrolein.

Effects of estrogen on lung development in a rat model of diaphragmatic hernia.

Thyroid follicular lesions induced by oral treatment for 2 years with 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like compounds in female Harlan Sprague-Dawley rats.

[Inspect aging psoriasis patients minutely! Psoriasis or skin cancer?].

Toxicology and carcinogenesis studies of 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (CAS No. 31508-00-6) in female harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 3,3',4,4'-tetrachloroazobenzene (TCAB) (CAS No. 14047-09-7) in Harlan Sprague-Dawley rats and B6C3F1 mice (gavage studies).

Embryonic Wnt gene expression in the nitrofen-induced hypoplastic lung using 3-dimensional imaging.

A case of black urine and dark skin - cresol poisoning.

Toxicogenomic analysis of exposure to TCDD, PCB126 and PCB153: identification of genomic biomarkers of exposure to AhR ligands.

Arsenic-induced cell proliferation is associated with enhanced ROS generation, Erk signaling and CyclinA expression.

Evolution and prognosis of necrotic primary teeth after pulpectomy.

Clinical, pathologic, and ultrastructural studies of progressive macular hypomelanosis.

Short course pre-operative ferrous sulphate supplementation--is it worthwhile in patients with colorectal cancer?

Food safety.

Heart tissue of harlequin (hq)/Big Blue mice has elevated reactive oxygen species without significant impact on the frequency and nature of point mutations in nuclear DNA.

Manipulating tumor acidification as a cancer treatment strategy.

Reduction of cutaneous photosensitivity by application of ointment containing ferrous or cobaltous ions concomitant with the use of topical protoporphyrin IX precursors.

Genome-wide expression analysis of human in vivo irritated epidermis: differential profiles induced by sodium lauryl sulfate and nonanoic acid.

Reactive oxygen species (ROS) reduce the expression of BRAK/CXCL14 in human head and neck squamous cell carcinoma cells.

alpha-Synuclein- and MPTP-generated rodent models of Parkinson's disease and the study of extracellular striatal dopamine dynamics: a microdialysis approach.

Chloracne: still cause for concern.

Polychlorinated dibenzofurans as a causal agent of fetal Yusho.

The repressive effect of NF-kappaB on p53 by mot-2 is involved in human keratinocyte transformation induced by low levels of arsenite.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces disruption of glands of the prostate and fibrosis in rhesus monkeys.

Hepatoprotective effects of apple polyphenols on CCl4-induced acute liver damage in mice.

Arsenic exposure in utero and nonepidermal proliferative response in adulthood in Tg.AC mice.

Complex gene-chemical interactions: hepatic uroporphyrin as a paradigm.

[Tungiasis in native Amerindians in VaupÃ©s province: epidemiology, clinical aspects, treatment, and prevention].

Adverse effects of drugs on the esophagus.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on scratching behavior in mice.

Ground-glass-like hepatocellular inclusions in the course of adult-onset Still's disease.

Increase in in utero exposure to a migrant, 4,4'-butylidenebis(6-t-butyl-m-cresol), from nitrile-butadiene rubber gloves on brain aromatase activity in male rats.

The absence of interleukin-6 enhanced arsenite-induced renal injury by promoting autophagy of tubular epithelial cells with aberrant extracellular signal-regulated kinase activation.

The malondialdehyde-derived fluorophore DHP-lysine is a potent sensitizer of UVA-induced photooxidative stress in human skin cells.

Recombinant self-assembling peptides as biomaterials for tissue engineering.

Numerical variations and spontaneous malformations in the early embryos of the Korean salamander, *Hynobius leechii*, in the farmlands of Korea.

Metabolic stress-induced programmed cell death in *Xanthomonas*.

Influence of the photostabilizer in the photoprotective effects of a formulation containing UV-filters and vitamin A.

Expression of pax6 and sox2 in adult olfactory epithelium.

Development of an acellular bioengineered matrix with a dominant vascular pedicle.

Matrix metalloproteinase-9 and -2 expression in the olfactory bulb following methyl bromide gas exposure.

Risk Assessment Methods for the Ringspot Pathogen *Mycosphaerella brassicicola* in Vegetable Brassica Crops.

Predicting PCDD/F and dioxin-like PCB contamination levels in bovine edible tissues from in vivo sampling.

A case of toxic epidermal necrolysis (ten) with severe chronic ocular complications in a healthy 46-year-old woman.

Dissecting the role of Fgf signaling during gastrulation and left-right axis formation in mouse embryos using chemical inhibitors.

Stabilization of flux during dead-end ultra-low pressure ultrafiltration.

Dermal uptake of arsenic through human skin depends strongly on its speciation.

Synergistic effect of ultrasound and thiazone-PEG 400 on human skin optical clearing in vivo.

Characterization of a novel 2,4,6-trichlorophenol-inducible gene encoding chlorophenol O-methyltransferase from *Trichoderma longibrachiatum* responsible for the formation of chloroanisoles and detoxification of chlorophenols.

Acetic acid bacterial lipids improve cognitive function in dementia model rats.

Induction of GST-P-positive proliferative lesions facilitating lipid peroxidation with possible involvement of transferrin receptor up-regulation and ceruloplasmin down-regulation from the early stage of liver tumor promotion in rats.

Xenobiotic-metabolizing cytochromes p450 in human white adipose tissue: expression and induction.

Imaging dermal blood flow through the intact rat skin with an optical clearing method.

Programmed cell death in plants: protective effect of phenolic compounds against chitosan and H₂O₂.

Heparan sulfation-dependent fibroblast growth factor signaling maintains embryonic stem cells primed for differentiation in a heterogeneous state.

Biocompatibility and growth of human keratinocytes and fibroblasts on biosynthesized cellulose-chitosan film.

Surfactant effects on skin absorption of model organic chemicals: implications for dermal risk assessment studies.

Blue-light irradiation regulates proliferation and differentiation in human skin cells.

Simultaneous quantification of 1,N²-propano-2'-deoxyguanosine adducts derived from acrolein and crotonaldehyde in human placenta and leukocytes by isotope dilution nanoflow LC nanospray ionization tandem mass spectrometry.

Arsenate and dimethylarsinic acid in drinking water did not affect DNA damage repair in urinary bladder transitional cells or micronuclei in bone marrow.

Safe transport of cyanamide.

Intraoral contact mucositis induced by cinnamon-flavored chewing gum--a case report.

Postmortem analyses unveil the poor efficacy of decontamination, anti-inflammatory and immunosuppressive therapies in paraquat human intoxications.

Comparative DNA microarray analysis of human monocyte derived dendritic cells and MUTZ-3 cells exposed to the moderate skin sensitizer cinnamaldehyde.

[Acute glyphosate-surfactant poisoning with neurological sequels and fatal outcome].

Subchronic feeding study of grain from herbicide-tolerant maize DP-9814-6 in Sprague-Dawley rats.

[Pathologic changes and expression of Heme oxygenase-1 in paraquat-induced renal injury].

Proteomic profiling of rat lung epithelial cells induced by acrolein.

Evidence for toxicity differences between inorganic arsenite and thioarsenicals in human bladder cancer cells.

Allergic reaction induced by dermal and/or respiratory exposure to low-dose phenoxyacetic acid, organophosphorus, and carbamate pesticides.

Oryzalin bodies: in addition to its anti-microtubule properties, the dinitroaniline herbicide oryzalin causes nodulation of the endoplasmic reticulum.

Fatal diquat intoxication.

Marked recovery from paraquat-induced lung injury during long-term follow-up.

Effects of an epidermal growth factor receptor inhibitor on arsenic associated toxicity in the rat bladder epithelium.

Dimethylarsinic acid in drinking water changed the morphology of urinary bladder but not the expression of DNA repair genes of bladder transitional epithelium in F344 rats.

[Dimethylarsinous acid-promoted skin tumorigenesis through the induction of oxidative stress in mice].

Chemistry and biology of DNA containing 1,N(2)-deoxyguanosine adducts of the alpha,beta-unsaturated aldehydes acrolein, crotonaldehyde, and 4-hydroxynonenal.

Chronic exposure to high levels of atrazine alters expression of genes that regulate immune and growth-related functions in developing *Xenopus laevis* tadpoles.

OECD validation of phase 3 Hershberger assay in Korea using surgically castrated male rats with coded chemicals.

Acrolein activates matrix metalloproteinases by increasing reactive oxygen species in macrophages.

The antioxidant glutathione in the fish cell lines EPC and BCF-2: response to model pro-oxidants as measured by three different fluorescent dyes.

Solution structure of DNA containing alpha-OH-PdG: the mutagenic adduct produced by acrolein.

Age-related differences in oxidative protein-damage in young and senescent fibroblasts.

Potential method to determine irritant potency in vitro - Comparison of two reconstructed epidermal culture models with different barrier competency.

Acute exposure of the aquatic macrophyte *Callitriche obtusangula* to the herbicide oxadiazon: the protective role of N-acetylcysteine.

Heterocyclic aromatic amine pesticide use and human cancer risk: results from the U.S. Agricultural Health Study.

Effects of molinate on survival and development of *Bombina orientalis* (Boulenger) embryos.

Gene profiles of a human alveolar epithelial cell line after in vitro exposure to respiratory (non-)sensitizing chemicals: identification of discriminating genetic markers and pathway analysis.

Herbicide-treated hay as a possible cause of dermatitis in horses.

Leaf anatomy and morphometry in three eucalypt clones treated with glyphosate.

Arsenite and its mono- and dimethylated trivalent metabolites enhance the formation of benzo[a]pyrene diol epoxide-DNA adducts in *Xeroderma pigmentosum* complementation group A cells.

Toxicity of formulated glyphosate (glyphos) and cosmo-flux to larval Colombian frogs 1. Laboratory acute toxicity.

Disulfiram-like syndrome after hydrogen cyanamide professional skin exposure: two case reports in France.

The effect of gonadectomy and estradiol on sensitivity to oxidative stress.

The adverse effects of hydrogen cyanamide on human health: an evaluation of inquiries to the New Zealand National Poisons Centre.

Matrix metalloproteinase-14 mediates a phenotypic shift in the airways to increase mucin production.

Influence of cyclophosphamide and its metabolic products on the activity of peritoneal macrophages in mice.

Evaluation of diquat against an acute experimental infection of *Flavobacterium columnare* in channel catfish, *Ictalurus punctatus* (Rafinesque).

TRPV1-mediated itch in seasonal allergic rhinitis.

Effect of sildenafil on acrolein-induced airway inflammation and mucus production in rats.

The cinnamon-derived Michael acceptor cinnamic aldehyde impairs melanoma cell proliferation, invasiveness, and tumor growth.

Pharmacokinetics of trifluralin in blood and heart tissue of mice.

Determination of the effective dermal penetration barrier pH of porcine skin.

Reduced O₂ and elevated ROS in sea urchin embryos leads to defects in ectoderm differentiation.

Polynucleotide phosphorylase protects *Escherichia coli* against oxidative stress.

Generation and characterization of cells that can be conditionally depleted of mitochondrial SOD2.

Poisoning deaths in China: type and prevalence detected at the Tongji Forensic Medical Center in Hubei.

Reproductive lesions in female Harlan Sprague-Dawley rats following two-year oral treatment with dioxin and dioxin-like compounds.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces a reduction in epididymal and ejaculated sperm number in rhesus monkeys.

Arsenic exacerbates atherosclerotic lesion formation and inflammation in ApoE^{-/-} mice.

Inflammatory and chloracne-like skin lesions in B6C3F1 mice exposed to 3,3',4,4'-tetrachloroazobenzene for 2 years.

Amended safety assessment of sodium picramate and picramic acid.

Initial report of a family registry of multiple myeloma.

Comparative hepatotoxicity and clastogenicity of sodium arsenite and three petroleum products in experimental Swiss Albino Mice: the modulatory effects of Aloe vera gel.

Dioxin receptor deficiency impairs angiogenesis by a mechanism involving VEGF-A depletion in the endothelium and transforming growth factor-beta overexpression in the stroma.

Toward the development of a plant-based vaccine against reovirus.

Impact of life stage and duration of exposure on arsenic-induced proliferative lesions and neoplasia in C3H mice.

Autologous melanoma vaccine induces antitumor and self-reactive immune responses that affect patient survival and depend on MHC class II expression on vaccine cells.

Synthesis and preclinical evaluation of [(11)C]PAQ as a PET imaging tracer for VEGFR-2.

Protein-bound toxins--update 2009.

Immunogenicity of a standard trivalent influenza vaccine in patients on long-term hemodialysis: an open-label trial.

Repression of aryl hydrocarbon receptor transcriptional activity by epidermal growth factor.

Parental exposure to pesticides and childhood brain cancer: U.S. Atlantic coast childhood brain cancer study.

Transplacental and early life exposure to inorganic arsenic affected development and behavior in offspring rats.

Arsenic activates EGFR pathway signaling in the lung.

Influence of aryl hydrocarbon- (Ah) receptor and genotoxins on DNA repair gene expression and cell survival of mouse hepatoma cells.

Neonatal exposure to low-dose 2,3,7,8-tetrachlorodibenzo-p-dioxin causes autoimmunity due to the disruption of T cell tolerance.

[Evaluation of dermatological symptom of Yusho patients in the annual examination in 2005-2007].

Attenuation of 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity by resveratrol: a comparative study with different routes of administration.

Mitochondrial changes within axons in multiple sclerosis.

The use of Fluoro-Jade in primary neuronal cell cultures.

Carcinogenesis studies of cresols in rats and mice.

Evaluation of irritancy and sensitization potential of metalworking fluid mixtures and components.

Pulmonary lesion induced by low and high positive end-expiratory pressure levels during protective ventilation in experimental acute lung injury.

Tumor promoting and co-carcinogenic effects in medium-term rat hepatocarcinogenesis are not modified by co-administration of 12 pesticides in mixture at acceptable daily intake.

Activation of the aryl hydrocarbon receptor by TCDD inhibits senescence: a tumor promoting event?

Positron emission tomography (PET) imaging with [11C]-labeled erlotinib: a micro-PET study on mice with lung tumor xenografts.

Dermatitis herpetiformis flare associated with use of triiodomethane packing strips for alveolar osteitis.

Cytotoxicity and phytotoxicity of trichothecene macrolides from *Myrothecium gramminum*.

Toxicology laboratory analysis and human exposure to p-chloroaniline.

Ferric carboxymaltose: a review of its use in iron-deficiency anaemia.

Oral carcinogenicity and toxicity of 2-amino-4-chlorophenol in rats.

Iron medication-induced gastric mucosal injury.

Thyroid lesions in the great cormorant (*Phalacrocorax carbo*) of Niigata, central Japan: a possible association with dioxin accumulation.

Arsenic induced apoptosis in malignant melanoma cells is enhanced by menadione through ROS generation, p38 signaling and p53 activation.

The mammalian aryl hydrocarbon (Ah) receptor: from mediator of dioxin toxicity toward physiological functions in skin and liver.

A novel approach using DNA-repair-deficient chicken DT40 cell lines for screening and characterizing the genotoxicity of environmental contaminants.

Hemangiomas, angiosarcomas, and vascular malformations represent the signaling abnormalities of pathogenic angiogenesis.

Histological lesions in mink jaws are a highly sensitive biomarker of effect after exposure to TCDD-like chemicals: field and literature-based confirmations.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) poisoning in Victor Yushchenko: identification and measurement of TCDD metabolites.

A critical review: 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) effects on gonad development in bivalve mollusks.

Caveolin-1 plays important role in EGF-induced migration and proliferation of mouse embryonic stem cells: involvement of PI3K/Akt and ERK.

Activation of MAPKs influences the expression of drug-metabolizing enzymes in primary human hepatocytes.

Endocrine disruptive effect of 3-methyl-4-nitrophenol isolated from diesel exhaust particles in Hershberger assay using castrated immature rats.

Inhibitory effects of guarana seed extract on passive cutaneous anaphylaxis and mast cell degranulation.

Cytotoxicity of spermine oxidation products to multidrug resistant melanoma M14 ADR2 cells: sensitization by the MDL 72527 lysosomotropic compound.

Chronic low-level arsenic exposure causes gender-specific alterations in locomotor activity, dopaminergic systems, and thioredoxin expression in mice.

Performance of different work clothing types for reducing skin exposure to pesticides during open field treatment.

Lipopolysaccharide-induced apoptosis in transformed bovine brain endothelial cells and human dermal microvessel endothelial cells: the role of JNK.

Biological safety of LipoFullerene composed of squalane and fullerene-C60 upon mutagenesis, photocytotoxicity, and permeability into the human skin tissue.

Iodomethane human health risk characterization.

Evaluation of possible modes of action for acute effects of methyl iodide in laboratory animals.

Evaluation of respiratory parameters in rats and rabbits exposed to methyl iodide.

Dioxin-induced up-regulation of the active form of vitamin D is the main cause for its inhibitory action on osteoblast activities, leading to developmental bone toxicity.

Mechanisms of stress resistance in Snell dwarf mouse fibroblasts: enhanced antioxidant and DNA base excision repair capacity, but no differences in mitochondrial metabolism.

Dioxin and dioxin-like PCB profiles in the serum of industrial and municipal waste incinerator workers in Korea.

Permeability and toxicological profile estimation of organochlorine compounds by biopartitioning micellar chromatography.

In vivo and in vitro evaluation of an *Acetobacter xylinum* synthesized microbial cellulose membrane intended for guided tissue repair.

Gene profiles of a human bronchial epithelial cell line after in vitro exposure to respiratory (non-)sensitizing chemicals: identification of discriminating genetic markers and pathway analysis.

Microbial cellulose wound dressing in the treatment of nonhealing lower extremity ulcers.

The usual suspects-influence of physicochemical properties on lag time, skin deposition, and percutaneous penetration of nine model compounds.

A gene-shuffled glyphosate acetyltransferase protein from *Bacillus licheniformis* (GAT4601) shows no evidence of allergenicity or toxicity.

Formation of dimethylthioarsenicals in red blood cells.

Nucleotide excision repair and the degradation of RNA pol II by the *Caenorhabditis elegans* XPA and Rsp5 orthologues, RAD-3 and WWP-1.

Arsenic speciation analysis in human saliva.

G-protein-coupled receptor 30 and estrogen receptor-alpha are involved in the proliferative effects induced by atrazine in ovarian cancer cells.

Rhabdomyolysis from an intramuscular injection of glyphosate-surfactant herbicide.

Contact dermatitis in dairy cattle caused by calcium cyanamide.

Increased oxidative stress and antioxidant expression in mouse keratinocytes following exposure to paraquat.

[Clinical study on treatment of acute paraquat poisoning].

Interlaboratory validation of 1% pluronic I92 surfactant as a suitable, aqueous vehicle for testing pesticide formulations using the murine local lymph node assay.

Pesticide-associated pemphigus vulgaris.

Erythema multiforme-like eruption due to an irritant contact dermatitis from a glyphosate pesticide.

Variations in relative stomatal and biochemical limitations to photosynthesis in a young blackbutt (*Eucalyptus pilularis*) plantation subjected to different weed control regimes.

Review of developmental toxicity of nitrophenolic herbicide dinoseb, 2-sec-butyl-4,6-dinitrophenol.

Application of physiological computational fluid dynamics models to predict interspecies nasal dosimetry of inhaled acrolein.

Respiratory tract responses in male rats following subchronic acrolein inhalation.

Prevalence of patch test results from 1970 to 2002 in a multi-centre population in North America (NACDG).

Protein carbonyls damage the water-holding capacity of the stratum corneum.

Allergic contact dermatitis with a fertilizer containing hydrogen cyanamide (Dormex).

Pesticide-related dermatitis in Saku district, Japan, 1975-2000.

Catalytic metalloporphyrin protects against paraquat neurotoxicity in vivo.

Mutations of the withered (*whd*) gene in *Drosophila melanogaster* confer hypersensitivity to oxidative stress and are lesions of the carnitine palmitoyltransferase I (CPT I) gene.

Acrolein-activated matrix metalloproteinase 9 contributes to persistent mucin production.

Effects of TRPA1 agonists mustard oil and cinnamaldehyde on lumbar spinal wide-dynamic range neuronal responses to innocuous and noxious cutaneous stimuli in rats.

Spatial distribution of cytosolic NADP(+)-isocitrate dehydrogenase in pine embryos and seedlings.

Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in C57BL6 mice following subchronic exposure to arsenate in drinking water.

Cinnamoyl-based Nrf2-activators targeting human skin cell photo-oxidative stress.

Skin decontamination of glyphosate from human skin in vitro.

Chronic ethanol ingestion alters xenobiotic absorption through the skin: potential role of oxidative stress.

Change in optical properties of stratum corneum induced by protein carbonylation in vitro.

Development of a modified in vitro skin absorption method to study the epidermal/dermal disposition of a contact allergen in human skin.

An unusual and serious complication of topical wart treatment with monochloroacetic acid.

The effects of in utero exposure to a migrant, 4,4'-butylidenebis(6-t-butyl-m-cresol), from nitrile-butadiene rubber gloves on monoamine neurotransmitter in rats.

Dihydrolipoic acid inhibits tetrachlorohydroquinone-induced tumor promotion through prevention of oxidative damage.

Postoperative pain following the use of two different intracanal medications.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) affects bone tissue in rhesus monkeys.

Fluorescence confocal laser scanning microscopy for in vivo imaging of epidermal reactions to two experimental irritants.

Clinical outcome of the endodontic treatment of teeth with apical periodontitis using an antimicrobial protocol.

Transposition of the great arteries.

Effect of hand dermatitis on the total body burden of chromium after ferrous sulfate application in cement among cement workers.

Liver is a target of arsenic carcinogenesis.

Mitotic arrest-associated apoptosis induced by sodium arsenite in A375 melanoma cells is BUBR1-dependent.

KML001 cytotoxic activity is associated with its binding to telomeric sequences and telomere erosion in prostate cancer cells.

Transgenerational effects from exposure to environmental toxic substances.

Animal model of posterior cingulate cortex hypometabolism implicated in amnesic MCI and AD.

Can folate intake reduce arsenic toxicity?

Multiple cutaneous precanceroses and carcinomas from combined iatrogenic/professional exposure to arsenic.

Sensitivity to sodium arsenite in human melanoma cells depends upon susceptibility to arsenite-induced mitotic arrest.

A study of the process of apoptosis in animals infected with the contagious ecthyma virus.

The preparation and characterization of anti-VEGFR2 conjugated, paclitaxel-loaded PLLA or PLGA microspheres for the systemic targeting of human prostate tumors.

Neuropharmacological profile of novel and selective 5-HT₆ receptor agonists: WAY-181187 and WAY-208466.

Capillary electrophoretic studies on the photogenotoxic potential of pharmaceutical substances.

Expression of AhR, CYP1A1, GSTA1, c-fos and TGF- α in skin lesions from dioxin-exposed humans with chloracne.

Microvascular free-tissue transfer for head and neck reconstruction in Jehovah's Witness patients.

A Weibull-PBPK model for assessing risk of arsenic-induced skin lesions in children.

Dose response evaluation of gene expression profiles in the skin of K6/ODC mice exposed to sodium arsenite.

Relative potency based on hepatic enzyme induction predicts immunosuppressive effects of a mixture of PCDDS/PCDFS and PCBS.

Resveratrol sensitizes melanomas to TRAIL through modulation of antiapoptotic gene expression.

[An overview on biomarkers of arsenic-induced health hazards].

Neurological manifestation of methyl bromide intoxication.

TCDD exposure exacerbates atopic dermatitis-related inflammation in NC/Nga mice.

Environmental risk assessment of genetically engineered herbicide-tolerant *Zoysia japonica*.

[Outdoor work-related health hazards].

Anaphylaxis to oral iron salts. desensitization protocol for tolerance induction.

Oxidative damage induced genotoxic effects in human fibroblasts from Xeroderma Pigmentosum group A patients.

Tissue levels of arsenicals and skin tumor response following administration of monomethylarsonous acid and arsenite to K6/ODC mice.

The connection between C-reactive protein and atherosclerosis.

Pesticides and atopic and nonatopic asthma among farm women in the Agricultural Health Study.

Date palm pollen allergoid: characterization of its chemical-physical and immunological properties.

Chondroitin sulfate and heparan sulfate-containing proteoglycans are both partners and targets of basic fibroblast growth factor-mediated proliferation in human metastatic melanoma cell lines.

Maintaining epitheliopoietic potency when culturing olfactory progenitors.

Combining ligand-based pharmacophore modeling, quantitative structure-activity relationship analysis and in silico screening for the discovery of new potent hormone sensitive lipase inhibitors.

Reactive oxygen species in programmed death of pea guard cells.

A potential role of connexin 43 in epidermal growth factor-induced proliferation of mouse embryonic stem cells: involvement of Ca²⁺/PKC, p44/42 and p38 MAPKs pathways.

Auxin-Induced Resistance to Common Scab Disease of Potato Linked to Inhibition of Thaxtomin A Toxicity.

Successful desensitization with human insulin in a patient with an insulin allergy and hypersensitivity to protamine: a case report.

Monoxygenase activity of *Octopus vulgaris* hemocyanin.

Development of human dermal epithelial cell-based bioassay for the dioxins.

Toxic tetrapyrrole accumulation in protoporphyrinogen IX oxidase-overexpressing transgenic rice plants.

NF- κ B and caspases are involved in the hyaluronan and chondroitin-4-sulphate-exerted antioxidant effect in fibroblast cultures exposed to oxidative stress.

Vascular leakage induced by exposure to arsenic via increased production of NO, hydroxyl radical and peroxynitrite.

Expression of multiple chondroitin/dermatan sulfotransferases in the neurogenic regions of the embryonic and adult central nervous system implies that complex chondroitin sulfates have a role in neural stem cell maintenance.

Glycerol metabolism and bitterness producing lactic acid bacteria in cidermaking.

Metabolism and disposition of [¹⁴C]5-amino-o-cresol in female F344 rats and B6C3F1 mice.

In vitro and in vivo reduction of sodium arsenite induced toxicity by aqueous garlic extract.

Enhancing effect of chlorinated organic solvents on histamine release and inflammatory mediator production.

Estimation of atrazine in the stratum corneum and its toxic effects in skin following topical application to rabbits.

Anti-allergic properties of a new all-D synthetic immunoglobulin-binding peptide.

2,3,7,8-Tetrachlorodibenzo-p-dioxin increases Bovine Herpesvirus type-1 (BHV-1) replication in Madin-Darby Bovine Kidney (MDBK) cells in vitro.

Murine bone marrow-derived dendritic cells as a potential in vitro model for predictive identification of chemical sensitizers.

Environmental toxins and health--the health impact of pesticides.

Hepatotoxicity related to paraquat and diquat absorption through intact skin.

Retinoic acid-mediated differentiation protects against nitrofen-induced apoptosis.

Cutaneous reactions simulating erythema multiforme and Stevens Johnson syndrome due to occupational exposure to a plant-growth regulator.

Microbial toxicity of pesticide derivatives produced with UV-photodegradation.

Trifluralin toxicity in a Chagas disease mouse model.

Toxicity of dimethylmonothioarsinic acid toward human epidermoid carcinoma A431 cells.

Further evidence against a direct genotoxic mode of action for arsenic-induced cancer.

Pesticide poisoning.

Induction of tibial dyschondroplasia by carbamate and thiocarbamate pesticides.

No direct hepatotoxic potential following a multiple-low dose paraquat exposure in rat as related to its bioaccumulation.

Butachlor-induced acute toxic hepatitis.

Plasma cell gingivitis among herbal toothpaste users: a report of three cases.

Tongue erosions and diet cola.

Full survival of paraquat-exposed rats after treatment with sodium salicylate.

The effect of amifostine, a cytoprotective agent, on paraquat toxicity in mice.

Surflan and oryzalin impair reproduction in the teleost medaka (*Oryzias latipes*).

A fatal case of paraquat poisoning following minimal dermal exposure.

Cells deficient in the FANC/BRCA pathway are hypersensitive to plasma levels of formaldehyde.

Chromosome doubling in a *Rosa rugosa* Thunb. hybrid by exposure of in vitro nodes to oryzalin: the effects of node length, oryzalin concentration and exposure time.

Parthenium: a wide angle view.

Skin contact transfer of three fragrance residues from candles to human hands.

Arsenic metabolism, genetic susceptibility, and risk of premalignant skin lesions in Bangladesh.

Acrolein induces cyclooxygenase-2 and prostaglandin production in human umbilical vein endothelial cells: roles of p38 MAP kinase.

The skin sensitization potential of resorcinol: experience with the local lymph node assay.

Arsenic methylation, GSTT1, GSTM1, GSTP1 polymorphisms, and skin lesions.

Lack of mutagenicity of acrolein-induced DNA adducts in mouse and human cells.

Defense against dermal exposures is only skin deep: significantly increased penetration through slightly damaged skin.

Developmental plasticity of glandular trichomes into somatic embryogenesis in *Tilia amurensis*.

Cyanide-induced death of cells in plant leaves.

In vitro studies on the integrated control of rapeseed white stem rot disease through the application of herbicides and *Trichoderma* species.

Effect of the expression of cyanamide hydratase on metabolites in cyanamide-treated soybean plants kept in the light or dark.

Moisturizing lotions can increase transdermal absorption of the herbicide 2,4-dichlorophenoxyacetic acid across hairless mouse skin.

Binding of dimethylarsinous acid to cys-13 α of rat hemoglobin is responsible for the retention of arsenic in rat blood.

Pulmonary lesions in female Harlan Sprague-Dawley rats following two-year oral treatment with dioxin-like compounds.

Effects of 4-chloro-2,6-bis-(2-hydroxyl-benzyl)-phenol on healing of skin wounds and growth of bacteria.

Folate deficiency enhances arsenic effects on expression of genes involved in epidermal differentiation in transgenic K6/ODC mouse skin.

Mode of antibacterial action of a signal peptide, Pep27 from *Streptococcus pneumoniae*.

Porphyria cutanea tarda as rare cutaneous manifestation of hepatic metastases treated with interferon.

Chronic disease and early exposure to air-borne mixtures. 2. Exposure assessment.

Arsenic neurotoxicity--a review.

Effect of antenatal tetrandrine administration on endothelin-1 and epidermal growth factor levels in the lungs of rats with experimental diaphragmatic hernia.

2,3,7,8-TCDD exposure, endothelial dysfunction and impaired microvascular reactivity.

Isolation and characterization of arsenite-resistant human epidermoid carcinoma KB cells.

Enhancement of allergic responses in vivo and in vitro by butylated hydroxytoluene.

p53 response to arsenic exposure in epithelial cells: protein kinase B/Akt involvement.

Goserelin acetate 10.8 mg plus iron versus iron monotherapy prior to surgery in premenopausal women with iron-deficiency anemia due to uterine leiomyomas: results from a Phase III, randomized, multicenter, double-blind, controlled trial.

Delayed-type hypersensitivity reaction to the meta-cresol component of insulin.

Combination of 17 β -estradiol with the environmental pollutant TCDD is involved in pathogenesis of endometriosis via up-regulating the chemokine I-309-CCR8.

Imatinib mesylate inhibits cell invasion of malignant peripheral nerve sheath tumor induced by platelet-derived growth factor-BB.

Workshop overview: arsenic research and risk assessment.

Transplacental arsenic carcinogenesis in mice.

Efficacy of 2,6-dichlorophenol lure to control *Dermacentor nitens*.

[Phyt'attitude: network for toxicovigilance in agriculture].

[Chloracne after exposure to dioxin].

Sequential treatment by ionizing radiation and sodium arsenite dramatically accelerates TRAIL-mediated apoptosis of human melanoma cells.

Chemical contaminants, health indicators, and reproductive biomarker responses in fish from the Colorado River and its tributaries.

Association of allergic rhinitis with pesticide use among grape farmers in Crete, Greece.

[Relationship between blood dioxin levels and present/past clinical symptoms in Kanemi Yusho patients].

Genetic modification of chondrocytes with insulin-like growth factor-1 enhances cartilage healing in an equine model.

Pro-angiogenesis action of arsenic and its reversal by selenium-derived compounds.

In utero arsenic exposure induces early onset of atherosclerosis in ApoE^{-/-} mice.

Long-term effects of subcutaneously injected 2,3,7,8-tetrachlorodibenzo-p-dioxin on the liver of rhesus monkeys.

Rickettsial and other tick-borne infections.

Occupational exposure to methyl iodide.

Severe skin reaction due to excipients of an oral iron treatment.

Effects of 3-methyl-4-nitrophenol in diesel exhaust particles on the regulation of testicular function in immature male rats.

[Arsenical poisoning: how and why to diagnose it].

Dose- and time-dependent effects of 2,3,7,8-tetrabromodibenzo-p-dioxin on rat liver.

Intravenous ferric gluconate significantly improves response to epoetin alfa versus oral iron or no iron in anemic patients with cancer receiving chemotherapy.

Effect of alpha-asarone and a derivative on lipids, bile flow and Na⁺/K⁺-ATPase in ethinyl estradiol-induced cholestasis in the rat.

Fetal onset of aberrant gene expression relevant to pulmonary carcinogenesis in lung adenocarcinoma development induced by in utero arsenic exposure.

Involvement of cannabinoid CB2 receptors in the IgE-mediated triphasic cutaneous reaction in mice.

Microarray analysis of gene expression in peripheral blood mononuclear cells from dioxin-exposed human subjects.

Vesicle disruption, plasma membrane bleb formation, and acute cell death caused by illumination with blue light in acridine orange-loaded malignant melanoma cells.

Periradicular repair after two-visit endodontic treatment using two different intracanal medications compared to single-visit endodontic treatment.

Residual antibacterial activity of chlorhexidine digluconate and camphorated p-monochlorophenol in calcium hydroxide-based root canal dressings.

Alcoholic myopathy and acetaldehyde.

Design and synthesis of some new thiazolo [3,2-b]-1,2,4-triazole-5(6H)-ones substituted with flurbiprofen as anti-inflammatory and analgesic agents.

Arsenic methylation, urinary arsenic metabolites and human diseases: current perspective.

Involvement of substance P and neurogenic inflammation in arsenic-induced early vascular dysfunction.

Phytanic acid impairs mitochondrial respiration through protonophoric action.

An adaptable internal dose model for risk assessment of dietary and soil dioxin exposures in young children.

Tissue iron distribution and urinary mineral excretion vary depending on the form of iron (FeSO₄ or NaFeEDTA) and the route of administration (oral or subcutaneous) in rats given high doses of iron.

Identification of phenolic dermal sensitizers in a wound closure tape.

Investigation of conditions involved in the susceptibility of the dermatophyte *Trichophyton rubrum* to photodynamic treatment.

Early maturation of gonadotropin-releasing hormone secretion and sexual precocity after exposure of infant female rats to estradiol or dichlorodiphenyltrichloroethane.

Model selection and evaluation for risk assessment of dioxin-contaminated sites.

Src family tyrosine kinases mediate contraction of rat isolated tail arteries in response to a hyposmotic stimulus.

Surface desorption atmospheric pressure chemical ionization mass spectrometry for direct ambient sample analysis without toxic chemical contamination.

SCL-GFP transgenic zebrafish: in vivo imaging of blood and endothelial development and identification of the initial site of definitive hematopoiesis.

[Study on the interaction between the skin detoxifying enzyme glutathione S-transferase and the substances listed in the CE/39/2000 rules with the "skin" annotation, finalized to the biological monitoring of exposed subjects].

Sodium arsenite affects Na⁺ transport in the isolated skin of the toad *Pleurodema thaul*.

Nonintegrin laminin receptor precursor protein is expressed on olfactory stem and progenitor cells.

Role of O6-methylguanine-DNA methyltransferase in protecting from alkylating agent-induced toxicity and mutations in mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) exposure of normal human dermal fibroblasts results in AhR-dependent and -independent changes in gene expression.

Tissue residues, metabolism, and excretion of radiolabeled sodium chlorate (Na[³⁶Cl]O₃) in rats.

The Slr2-type MAP kinase Bmp3 of *Botrytis cinerea* is required for normal saprotrophic growth, conidiation, plant surface sensing and host tissue colonization.

The development of an aquatic bivalve model: evaluating the toxic effects on gametogenesis following 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) exposure in the eastern oyster (*Crassostrea virginica*).

Reduction of *Phytophthora cactorum* in Strawberry Fields by *Trichoderma* spp. and Soil Solarization.

Histological observation of somatic embryogenesis from cultured embryos of *Quercus variabilis* Bl.

Skin-derived fibroblasts from long-lived species are resistant to some, but not all, lethal stresses and to the mitochondrial inhibitor rotenone.

In vitro and in vivo characterization of alkyl hydroperoxide reductase mutant strains of *Helicobacter hepaticus*.

Photo-irradiation of Aloe vera by UVA--formation of free radicals, singlet oxygen, superoxide, and induction of lipid peroxidation.

Determination of phenolic compounds in grape skin by capillary electrophoresis with simultaneous dual fluorescence and diode array absorption detection after dynamic superheated liquid leaching.

Biomarkers for oxidative stress: clinical application in pediatric medicine.

TCDD-induced alterations in gene expression profiles of the developing mouse paw do not influence morphological differentiation of this potential target tissue.

Lack of the aryl hydrocarbon receptor leads to impaired activation of AKT/protein kinase B and enhanced sensitivity to apoptosis induced via the intrinsic pathway.

Introduction of the anti-apoptotic baculovirus p35 gene in passion fruit induces herbicide tolerance, reduced bacterial lesions, but does not inhibit passion fruit woodiness disease progress induced by cowpea aphid-borne mosaic virus (CABMV).

Aconitase plays a role in regulating resistance to oxidative stress and cell death in *Arabidopsis* and *Nicotiana benthamiana*.

Adverse effects of herbicide MCPA on dogs in a 90 day toxicological study.

A model of hemorrhagic cystitis induced with acrolein in mice.

Lack of effects of atrazine on estrogen-responsive organs and circulating hormone concentrations in sexually immature female Japanese quail (*Coturnix coturnix japonica*).

Anterograde amnesia with hippocampal lesions following glufosinate intoxication.

Cross-reactions in patch testing with ketoprofen, fragrance mix and cinnamic derivatives.

Cancer and occupational exposure to pentachlorophenol and tetrachlorophenol (Canada).

Histological changes and micronucleus induction in the zebra mussel *Dreissena polymorpha* after paraquat exposure.

Effects of Diuron [3-(3,4-dichlorophenyl)-1,1-dimethylurea] on the urinary bladder of male Wistar rats.

NTP Technical Report on the comparative toxicity studies of allyl acetate (CAS No. 591-87-7), allyl alcohol (CAS No. 107-18-6) and acrolein (CAS No. 107-02-8) administered by gavage to F344/N rats and B6C3F1 mice.

Acute paraquat poisoning: report of a survival case following intake of a potential lethal dose.

Evaluation of an ex vivo murine local lymph node assay: multiple endpoint comparison.

Immunomodulatory effects of maternal atrazine exposure on male Balb/c mice.

Indomethacin induces small intestinal damage and inhibits amitrole-associated thyroid carcinogenesis in rats initiated with N-bis(2-hydroxypropyl)nitrosamine.

Dimethylarsinic acid: results of chronic toxicity/oncogenicity studies in F344 rats and in B6C3F1 mice.

Effects of pentachlorophenol on the reproduction of Japanese medaka (*Oryzias latipes*).

Broken hyphae of the basidiomycete *Crinipellis perniciosa* allow quantitative assay of toxicity.

Neuregulin 1-Beta cytoprotective role in AML 12 mouse hepatocytes exposed to pentachlorophenol.

Dermal exposure to the herbicide-paraquat results in genotoxic and cytotoxic damage to germ cells in the male rat.

[Fatal poisoning caused by the ingestion of a concentrated solution of 2,4-D and MCPP].

Advantage of using CBA/N strain mice in a non-radioisotopic modification of the local lymph node assay.

Nonpersistent pesticide exposure self-report versus biomonitoring in farm pesticide applicators.

Analgesia mediated by the TRPM8 cold receptor in chronic neuropathic pain.

Alcohol alters skeletal muscle heat shock protein gene expression in rats: these effects are moderated by sex, raised endogenous acetaldehyde, and starvation.

Simultaneous sensitivity to fragrances.

Delayed occurrence of H-ras12V-induced hepatocellular carcinoma with long-term treatment with cinnamaldehydes.

Death of stomal guard cells in leaf epidermis under disturbance of energy provision.

Interactions of skin thickness and physicochemical properties of test compounds in percutaneous penetration studies.

Enigma, a mitochondrial protein affecting lifespan and oxidative stress response in *Drosophila*.

Distribution of urinary selenium and arsenic among pregnant women exposed to arsenic in drinking water.

Serum dioxin-like compounds and aromatase (CYP19) expression in endometriotic tissues.

Sodium arsenite accelerates TRAIL-mediated apoptosis in melanoma cells through upregulation of TRAIL-R1/R2 surface levels and downregulation of cFLIP expression.

Developmental dental toxicity of dioxin and related compounds--a review.

Oral mucosal ulceration due to ferrous sulphate tablets: report of a case.

[Peripheral neuropathy induced by acute methyl bromide skin exposure: a case report].

Induction of cyclin D1 by submicromolar concentrations of arsenite in human epidermal keratinocytes.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (Cas No. 31508-00-6) in female Harlan Sprague-Dawley rats (gavage studies).

[Current progress in animal models of arsenic carcinogenesis].

[Effect and significance of tetrandrine on epidermal growth factor and its receptor in the lung of congenital diaphragmatic hernia rat model].

Folate and arsenic metabolism: a double-blind, placebo-controlled folic acid-supplementation trial in Bangladesh.

Effect of a calcium hydroxide-based root canal dressing on periapical repair in dogs: a histological study.

Correlated resistance to glucose deprivation and cytotoxic agents in fibroblast cell lines from long-lived pituitary dwarf mice.

Airway smooth muscle dysfunction precedes teratogenic congenital diaphragmatic hernia and may contribute to hypoplastic lung morphogenesis.

Carcinogenicity of "non-dioxinlike" polychlorinated biphenyls.

Risk assessments of polychlorinated dibenzo- p-dioxins, polychlorinated dibenzofurans, and dioxin-like polychlorinated biphenyls in food.

Interferon-gamma plays protective roles in sodium arsenite-induced renal injury by up-regulating intrarenal multidrug resistance-associated protein 1 expression.

Carcinogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in experimental models.

Antimutagenic activity of methanolic extract of *Ganoderma lucidum* and its effect on hepatic damage caused by benzo[a]pyrene.

Association of 24-hour activity levels with the clinical severity of chronic venous disease.

Anti-irritants II: Efficacy against cumulative irritation.

Anti-irritants I: Dose-response in acute irritation.

Dioxin-induced chloracne--reconstructing the cellular and molecular mechanisms of a classic environmental disease.

Low-energy helium-neon laser induces locomotion of the immature melanoblasts and promotes melanogenesis of the more differentiated melanoblasts: recapitulation of vitiligo repigmentation in vitro.

Severe adverse cutaneous reaction to insulin due to cresol sensitivity.

Cutaneous poisoning syndromes in children: a review.

Stress resistance and aging: influence of genes and nutrition.

The constitutively active Ah receptor (CA-Ahr) mouse as a potential model for dioxin exposure--effects in vital organs.

[Immunization with cellulose-immobilized antigens. The development of A. E. Gurvitch concept].

Iatrogenic full-thickness chemical burns from monochloroacetic acid.

A comparative study on the antimutagenicity of atorvastatin and lovastatin against directly acting mutagens.

Lethal acute lung injury and hypoglycemia after subcutaneous administration of monochloroacetic acid.

In vitro stability of insulin lispro in continuous subcutaneous insulin infusion.

The effect of perinatal TCDD exposure on caries susceptibility in rats.

NTP technical report on the toxicology and carcinogenesis studies of 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (Gavage studies).

Regulation of the mitogen-activated protein kinase p44 ERK activity during anoxia/recovery in rainbow trout hypodermal fibroblasts.

Diffuse lesion in the splenium of the corpus callosum in patients with methyl bromide poisoning.

Dual treatment with COX-2 inhibitor and sodium arsenite leads to induction of surface Fas Ligand expression and Fas-Ligand-mediated apoptosis in human melanoma cells.

Assessment of effects in mink caused by consumption of carp collected from the Saginaw River, Michigan, USA.

NTP technical report on the toxicology and carcinogenesis studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (CAS No. 1746-01-6) in female Harlan Sprague-Dawley rats (Gavage Studies).

[Advance of research on skin injury after exposure to 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin].

Identifying soil cleanup criteria for dioxins in urban residential soils: how have 20 years of research and risk assessment experience affected the analysis?

Silybin and dehydrosilybin inhibit cytochrome P450 1A1 catalytic activity: a study in human keratinocytes and human hepatoma cells.

Effects of dimethylsulphoxide on mice arsenite-induced dysmorphogenesis in embryo culture and cytotoxicity in embryo cells.

Occupational exposure to toluene and its possible causative role in renal damage development in shoe workers.

Bacterial leakage in roots filled with different medicaments and sealed with Cavit.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces matrix metalloproteinase (MMP) expression and invasion in A2058 melanoma cells.

Gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin affects social behaviors between developing rhesus monkeys (*Macaca mulatta*).

Assessing neuroprotection in Parkinson's disease: from the animal models to molecular neuroimaging in vivo.

[The influence of polyunsaturated fat acids on the development of artificially caused exudative skin necrosis in rats].

Polychlorinated biphenyls (PCBs): routes of exposure and effects on human health.

NTP toxicology and carcinogenesis studies of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (CAS No. 57465-28-8) in female Harlan Sprague-Dawley rats (Gavage Studies).

Effects of caffeine, halothane, and 4-chloro-m-cresol on skeletal muscle lactate and pyruvate in malignant hyperthermia-susceptible and normal swine as assessed by microdialysis.

Analytical studies on the prediction of photosensitive/phototoxic potential of pharmaceutical substances.

The aryl hydrocarbon receptor directly regulates expression of the potent mitogen epiregulin.

Effect of EGF on [3H]-thymidine incorporation and cell cycle regulatory proteins in primary cultured chicken hepatocytes: Involvement of Ca²⁺/PKC and MAPKs.

Odorant identification and quality perception following methyl bromide-induced lesions of the olfactory epithelium.

Differentiation-specific factors modulate epidermal CYP1-4 gene expression in human skin in response to retinoic acid and classic aryl hydrocarbon receptor ligands.

TNF-alpha, IFN-gamma, and IL-1beta modulate hyaluronan synthase expression in human skin fibroblasts: synergistic effect by concomitant treatment with FeSO4 plus ascorbate.

Acetylcholinesterase inhibition and gill lesions in *Rasbora caverii*, an indigenous fish inhabiting rice field associated waterbodies in Sri Lanka.

EGF-induced inhibition of glucose transport is mediated by PKC and MAPK signal pathways in primary cultured chicken hepatocytes.

Epidermal growth factor synergistically enhances interleukin-8 production in human gingival fibroblasts stimulated with interleukin-1beta.

Effects of 2,3,7,8-tetrachloro-dibenzo-p-dioxin on the extracellular matrix of the thymus in juvenile marmosets (*Callithrix jacchus*).

Toxicology and carcinogenesis studies of a mixture of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (Cas No. 1746-01-6), 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4), and 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) in female Harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4) in female Harlan Sprague-Dawley rats (gavage studies).

Results of a long-term carcinogenicity bioassay on Sprague-Dawley rats exposed to sodium arsenite administered in drinking water.

Anti-androgenic activity of 3-methyl-4-nitrophenol in diesel exhaust particles.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (gavage studies).

The role of the aryl hydrocarbon receptor pathway in mediating synergistic developmental toxicity of polycyclic aromatic hydrocarbons to zebrafish.

Cortical microtubule arrays lose uniform alignment between cells and are oryzalin resistant in the *Arabidopsis* mutant, radially swollen 6.

Dietary exposure of mink (*Mustela vison*) to fish from the Housatonic River, Berkshire County, Massachusetts, USA: effects on organ weights and histology and hepatic concentrations of polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-P-dioxin toxic equivalence.

Exposure of mice to arsenic and/or benzo[a]pyrene does not increase the frequency of Aprt-deficient cells recovered from explanted skin of Aprt heterozygous mice.

Enhancing effects of simultaneous treatment with sodium nitrite on 2-amino-3-methylimidazo[4,5-f]quinoline-induced rat liver, colon and Zymbal's gland carcinogenesis after initiation with diethylnitrosamine and 1,2-dimethylhydrazine.

Dioxin cancer risk--example of hormesis?

The effects of vehicles on the human dermal irritation potentials of allyl esters.

Bioaccumulation of copper by *Trichoderma viride*.

Interference by 2,3,7,8-tetrachlorodibenzo-p-dioxin with cultured mouse submandibular gland branching morphogenesis involves reduced epidermal growth factor receptor signaling.

Analytical methods for trace levels of reactive carbonyl compounds formed in lipid peroxidation systems.

Desensitization of platelet-derived growth factor receptor-beta by oxidized lipids in vascular cells and atherosclerotic lesions: prevention by aldehyde scavengers.

Membrane protein carbonylation in non-leukodepleted CPDA-preserved red blood cells.

UVA1 radiation (340-400 nm) interferes with the perforin-granule system of CD8hi+ cytotoxic T lymphocytes in vitro.

Sensitising potential of four textile dyes and some of their metabolites in a modified local lymph node assay.

Environmental toxicants and effects on female reproductive function.

Basic fibroblast growth factor promotes melanocyte migration via increased expression of p125(FAK) on melanocytes.

Co-administration of zinc and n-acetylcysteine prevents arsenic-induced tissue oxidative stress in male rats.

Cluster analysis of the dermal permeability and stratum corneum/solvent partitioning of ten chemicals in twenty-four chemical mixtures in porcine skin.

Arabidopsis and tobacco plants ectopically expressing the soybean antiquitin-like ALDH7 gene display enhanced tolerance to drought, salinity, and oxidative stress.

PKC and MAPKs pathways mediate EGF-induced stimulation of 2-deoxyglucose uptake in mouse embryonic stem cells.

CYP2A5-mediated activation and early ultrastructural changes in the olfactory mucosa: studies on 2,6-dichlorophenyl methylsulfone.

EGF stimulates proliferation of mouse embryonic stem cells: involvement of Ca²⁺ influx and p44/42 MAPKs.

[Paraquat intoxication and hemocarboperfusion].

A stomatitis due to artificial cinnamon-flavored chewing gum.

Applicator exposure to acetochlor based on biomonitoring.

The *Helicobacter pylori* MutS protein confers protection from oxidative DNA damage.

The role of trivalent dimethylated arsenic in dimethylarsinic acid-promoted skin and lung tumorigenesis in mice: tumor-promoting action through the induction of oxidative stress.

Toxicity testing of herbicide norflurazon on an aquatic bioindicator species--the planarian *Polycelis felina* (Daly.).

Fragrance material review on cinnamaldehyde.

A toxicologic and dermatologic assessment of cinnamyl alcohol, cinnamaldehyde and cinnamic acid when used as fragrance ingredients.

Postservice mortality of Air Force veterans occupationally exposed to herbicides during the Vietnam War: 20-year follow-up results.

Toxicity of organic compounds to marine invertebrate embryos and larvae: a comparison between the sea urchin embryogenesis bioassay and alternative test species.

Hospital-based survey of pesticide poisoning in Japan, 1998--2002.

Patch testing with a new fragrance mix - reactivity to the individual constituents and chemical detection in relevant cosmetic products.

Patch testing with a new fragrance mix detects additional patients sensitive to perfumes and missed by the current fragrance mix.

Oral exposure to atrazine modulates cell-mediated immune function and decreases host resistance to the B16F10 tumor model in female B6C3F1 mice.

Allergic contact dermatitis from cyanamide.

Determination of biological reference values for chlorpyrifos metabolites in human urine using a toxicokinetic approach.

Drug-induced hypersensitivity syndrome due to cyanamide associated with multiple reactivation of human herpesviruses.

Induction of cytotoxicity, aldehydic DNA lesions, and poly(ADP-ribose) polymerase-1 activation by catechol derivatives of pentachlorophenol in calf thymus DNA and in human breast cancer cells.

Vitamins C and E reverse effect of herbicide-induced toxicity on human epidermal cells HaCaT: a biochemometric approach.

Arsenic-induced micronuclei formation in mammalian cells and its counteraction by tea.

Operator exposure when applying amenity herbicides by all-terrain vehicles and controlled droplet applicators.

Neuropathological studies on cycloate-induced neuronal cell death in the rat brain.

Acrolein impairs ATP binding cassette transporter A1-dependent cholesterol export from cells through site-specific modification of apolipoprotein A-I.

Forced uptake of trivalent and pentavalent methylated and inorganic arsenic and its cyto-/genotoxicity in fibroblasts and hepatoma cells.

Acrolein modifies apolipoprotein A-I in the human artery wall.

Influence of atrazine administration and reduction of calorie intake on prostate carcinogenesis in probasin/SV40 T antigen transgenic rats.

Urinary trivalent methylated arsenic species in a population chronically exposed to inorganic arsenic.

Very-long-chain fatty acids activate lysosomal hydrolases in neonatal human skin tissue.

Tamoxifen up-regulates catalase production, inhibits vessel wall neutrophil infiltration, and attenuates development of experimental abdominal aortic aneurysms.

Development of a method for quantification of acrolein-deoxyguanosine adducts in DNA using isotope dilution-capillary LC/MS/MS and its application to human brain tissue.

DNA damage in leukocytes of workers occupationally exposed to arsenic in copper smelters.

Coherent phase microscopy in cell biology: visualization of metabolic states.

Novel genomic targets in oxidant-induced vascular injury.

Genotoxic and cytotoxic effects in the bone marrow of rats exposed to a low dose of paraquat via the dermal route.

Dermal absorption of 2,4-D: a review of species differences.

Formation of embryogenic cell clumps from carrot epidermal cells is suppressed by 5-azacytidine, a DNA methylation inhibitor.

Fibroblast cell lines from young adult mice of long-lived mutant strains are resistant to multiple forms of stress.

Induction of heat shock protein 70 in rat olfactory epithelium by toxic chemicals: in vitro and in vivo studies.

Met5-enkephalin-induced cardioprotection occurs via transactivation of EGFR and activation of PI3K.

Association of micropenis with Pro185Ala polymorphism of the gene for aryl hydrocarbon receptor repressor involved in dioxin signaling.

Chloracne due to o-dichlorobenzene in a laboratory worker.

Chemical-induced atrial thrombosis in NTP rodent studies.

Characterization of spontaneous and chemically induced cardiac lesions in rodent model systems: the national toxicology program experience.

Classification of proliferative hepatocellular lesions in harlan sprague-dawley rats chronically exposed to dioxin-like compounds.

Gingival carcinogenicity in female Harlan Sprague-Dawley rats following two-year oral treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like compounds.

The epidemiology of non-Hodgkin lymphoma.

Glycolytic glioma cells with active glycogen synthase are sensitive to PTEN and inhibitors of PI3K and gluconeogenesis.

Vitamin E and organoselenium prevent the cocarcinogenic activity of arsenite with solar UVR in mouse skin.

Validation of Haber's Rule (dose x time = constant) in rats and mice for monochloroacetic acid and 2,3,7,8-tetrachlorodibenzo-p-dioxin under conditions of kinetic steady state.

Darbepoetin alfa treatment for post-renal transplantation anemia during pregnancy.

LAIS Allergoid.

Histologic evaluation of periradicular tissues in dogs treated with calcium hydroxide in combination with HCT20 and camphorated P-chlorophenol.

Ultrastructural findings in feline corneal sequestra.

The European standard series in 9 European countries, 2002/2003 -- first results of the European Surveillance System on Contact Allergies.

A histochemical and pathological study on the interrelationship between TCDD-induced AhR expression, AhR activation, and hepatotoxicity in mice.

Lecozotan (SRA-333): a selective serotonin 1A receptor antagonist that enhances the stimulated release of glutamate and acetylcholine in the hippocampus and possesses cognitive-enhancing properties.

Sodium methyldithiocarbamate inhibits MAP kinase activation through toll-like receptor 4, alters cytokine production by mouse peritoneal macrophages, and suppresses innate immunity.

Genomic damage and circulating AGE levels in patients undergoing daily versus standard haemodialysis.

Low level, long-term inorganic arsenite exposure causes generalized resistance to apoptosis in cultured human keratinocytes: potential role in skin co-carcinogenesis.

Biomarkers of exposure, effect, and susceptibility of arsenic-induced health hazards in Taiwan.

Immortalized mouse mammary fibroblasts lacking dioxin receptor have impaired tumorigenicity in a subcutaneous mouse xenograft model.

Photosensitizing properties of 6-methoxy-2-naphthylacetic acid, the major metabolite of the phototoxic non-steroidal anti-inflammatory and analgesic drug nabumetone.

Reply to the comments by Coenraads and Tang 'Chloracne due to o-dichlorobenzene in a laboratory worker', Contact Dermatitis 2005; 52: 108.

An epidemiological study of poisoning cases reported to the National Poisons Information Centre, All India Institute of Medical Sciences, New Delhi.

High susceptibility of human c-Ha-ras proto-oncogene transgenic rats to carcinogenesis: a cancer-prone animal model.

The heat shock protein 90 inhibitor, 17-allylamino-17-demethoxygeldanamycin, enhances osteoclast formation and potentiates bone metastasis of a human breast cancer cell line.

Effect of endodontic procedures on enterococci, enteric bacteria and yeasts in primary endodontic infections.

Acute methyl iodide exposure with delayed neuropsychiatric sequelae: report of a case.

[Skin symptoms in Yusho patients related to blood dioxin level].

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) affects tooth development in rhesus monkeys.

Chronic toxicity and carcinogenicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin displays a distinct dose/time toxicity threshold ($c \times t = k$) and a life-prolonging subthreshold effect.

Methyl bromide intoxication causes reversible symmetric brainstem and cerebellar MRI lesions.

Did TCDD exposure or service in Southeast Asia increase the risk of cancer in air force Vietnam veterans who did not spray agent orange?

Effects of PCB 126 on primary immune organs and thymocyte apoptosis in chicken embryos.

Efficacy of sublingual coseasonal immunotherapy with a monomeric allergoid in Cupressaceae pollen allergy--preliminary data.

Health status and plasma dioxin levels in chloracne cases 20 years after the Seveso, Italy accident.

Squamous epithelial lesion of the mandibles and maxillae of wild mink (*Mustela vison*) naturally exposed to polychlorinated biphenyls.

Dioxin toxicity and chloracne in the Ukraine.

Co-mutagenic activity of arsenic and benzo[a]pyrene in mouse skin.

Antimutagenicity and cytotoxicity of the constituents from the aerial parts of *Rumex acetosa*.

Predicting skin permeability from complex chemical mixtures.

First Report of *Sclerotinia minor* on *Sida spinosa* in North Carolina.

Chemicals as tumor-inducing agents.

[Political poisoning with dioxins--a weapon of chemical "disgracefulness"].

Effects of AV3V lesion on pilocarpine-induced pressor response and salivary gland vasodilation.

[Degradation of phenols formed during lignin pyrolysis by microfungi of genera *Trichoderma* and *Penicillium*].

Inhibition of IgE-dependent mouse triphasic cutaneous reaction by a boiling water fraction separated from mycelium of *Phellinus linteus*.

Evaluation of mutagenic and antimutagenic activities of alpha-bisabolol in the Salmonella/microsome assay.

Soluble branched (1,4)-beta-D-glucans from *Acetobacter* species enhance antitumor activities against MHC class I-negative and -positive malignant melanoma through augmented NK activity and cytotoxic T-cell response.

Concentrations of persistent organochlorine contaminants in bowhead whale tissues and other biota from northern Alaska: implications for human exposure from a subsistence diet.

Effects of epidermal growth factor (EGF), transforming growth factor-alpha (TGFalpha), and 2,3,7,8-tetrachlorodibenzo-p-dioxin on fusion of embryonic palates in serum-free organ culture using wild-type, EGF knockout, and TGFalpha knockout mouse strains.

Mechanisms of exocrine pancreatic toxicity induced by oral treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Harlan Sprague-Dawley Rats.

Interleukin-1beta attenuates beta-very low-density lipoprotein uptake and its receptor expression in vascular smooth muscle cells.

Thyroid lesions and dioxin accumulation in the livers of jungle crows (*Corvus macrorhynchos*) in urban and suburban Tokyo.

Phase I study of MetXia-P450 gene therapy and oral cyclophosphamide for patients with advanced breast cancer or melanoma.

MRP-1 expression levels determine strain-specific susceptibility to sodium arsenic-induced renal injury between C57BL/6 and BALB/c mice.

V79-hCYP2E1-hSULT1A1, a cell line for the sensitive detection of genotoxic effects induced by carbohydrate pyrolysis products and other food-borne chemicals.

Competing roles of cytochrome P450 1A1/1B1 and aldo-keto reductase 1A1 in the metabolic activation of (+/-)-7,8-dihydroxy-7,8-dihydro-benzo[a]pyrene in human bronchoalveolar cell extracts.

Effect of vehicles and sodium lauryl sulphate on xenobiotic permeability and stratum corneum partitioning in porcine skin.

Differential signatures of protein expression in marmoset liver and thymus induced by single-dose TCDD treatment.

Effects of N-acetylcysteine, quercetin, and phytic acid on spontaneous hepatic and renal lesions in LEC rats.

2,3,7,8-tetrachlorodibenzo-p-dioxin impairs differentiation of normal human epidermal keratinocytes in a skin equivalent model.

Allergic contact dermatitis from cinnamic aldehyde found in an industrial odour-masking agent.

Correlations of patch test reactivity and the repeated open application test (ROAT)/provocative use test (PUT).

Cigarette suppresses the expression of P4Halpa and vascular collagen production.

Pesticide patch test series for the assessment of allergic contact dermatitis among banana plantation workers in panama.

Toxicity of dipyridyl compounds and related compounds.

Different effects of CSA and CSB deficiency on sensitivity to oxidative DNA damage.

Chlorpropham-induced splenotoxicity and its recovery in rats.

Biokinetics and subchronic toxic effects of oral arsenite, arsenate, monomethylarsonic acid, and dimethylarsinic acid in v-Ha-ras transgenic (Tg.AC) mice.

Chymase is activated in the pulmonary inflammation and fibrosis induced by paraquat in hamsters.

The role of active arsenic species produced by metabolic reduction of dimethylarsinic acid in genotoxicity and tumorigenesis.

A novel approach for phytotoxicity assessment by CCD fluorescence imaging.

Application of Toxkit microbiotests for toxicity assessment in soil and compost.

An in vitro procedure for evaluation of early stage oxidative stress in an established fish cell line applied to investigation of PHAH and pesticide toxicity.

Comparison of anti-androgenic activity of flutamide, vinclozolin, procymidone, linuron, and p, p'-DDE in rodent 10-day Hershberger assay.

Attenuation of paraquat-induced motor behavior and neurochemical disturbances by L-valine in vivo.

[Human health and pesticides used in the spraying of illicit crops: an issue of science or politics?].

Gene expression analysis of the lung following paraquat administration in rats using DNA microarray.

Cancer mortality in a cohort of licensed herbicide applicators.

Chloracne with acantholytic dyskeratosis associated with herbicides: A new histological variant?

Protein binding and metabolism influence the relative skin sensitization potential of cinnamic compounds.

NTP toxicology and carcinogenesis studies of trans-cinnamaldehyde (CAS No. 14371-10-9) in F344/N rats and B6C3F1 mice (feed studies).

Cancer in US Air Force veterans of the Vietnam War.

Effects of chronic alcohol consumption on dermal penetration of pesticides in rats.

Glyphosate poisoning.

Effect of different chemical and mechanical defoliation methods on the skin quality of potatoes.

Poisoning due to chlorophenoxy herbicides.

Skin toxicity from glyphosate-surfactant formulation.

SCE analysis in G2 lymphocyte prematurely condensed chromosomes after exposure to atrazine: the non-dose-dependent increase in homologous recombinational events does not support its genotoxic mode of action.

Clastogenicity of atrazine assessed with the *Allium cepa* test.

A comparative study of the allergenic potency of wild-type and glyphosate-tolerant gene-modified soybean cultivars.

Protective role of metallothionein (I/II) against pathological damage and apoptosis induced by dimethylarsinic acid.

Possible enhancing effects of atrazine and nonylphenol on 7,12-dimethylbenz[a]anthracene-induced mammary tumor development in human c-Ha-ras proto-oncogene transgenic rats.

Somatic embryogenesis in *Solanum tuberosum* L.: a histological examination of key developmental stages.

Internal recycling of respiratory CO₂ in pods of chickpea (*Cicer arietinum* L.): the role of pod wall, seed coat, and embryo.

Arsenic exposure exacerbates atherosclerotic plaque formation and increases nitrotyrosine and leukotriene biosynthesis.

Oral and dermal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces cutaneous papillomas and squamous cell carcinomas in female hemizygous Tg.AC transgenic mice.

Contact urticaria due to p-chloro-m-cresol.

Lack of effects of postnatal exposure to a mixture of aryl hydrocarbon-receptor agonists on the development of methylnitrosourea-induced mammary tumors in sprague-dawley rats.

A chronic Alzheimer's model evoked by mitochondrial poison sodium azide for pharmacological investigations.

Trichothiodystrophy: quantification of cysteine in human hair and nails by application of sodium azide-dependent oxidation to cysteic acid.

Chronic inorganic arsenic exposure induces hepatic global and individual gene hypomethylation: implications for arsenic hepatocarcinogenesis.

Overexpression of collagenase 1 (MMP-1) is mediated by the ERK pathway in invasive melanoma cells: role of BRAF mutation and fibroblast growth factor signaling.

Magnifying endoscopy with indigo carmine contrast for differential diagnosis of neoplastic and nonneoplastic colonic polyps.

Histomorphometric alteration and cell-type specific modulation of arylhydrocarbon receptor and estrogen receptor expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin and 17beta-estradiol in mouse experimental model of endometriosis.

The accumulation and toxicity of methylated arsenicals in endothelial cells: important roles of thiol compounds.

Arsenic-induced alterations in the contact hypersensitivity response in Balb/c mice.

Arsenic and urinary bladder cell proliferation.

Evidence that arsenite acts as a cocarcinogen in skin cancer.

Animal models for arsenic carcinogenesis: inorganic arsenic is a transplacental carcinogen in mice.

Understanding arsenic carcinogenicity by the use of animal models.

The topical application of 2,3,7,8-tetrachlorodibenzo-p-dioxin lacks skin tumor-promoting potency but induces hepatic injury and tumor necrosis factor-alpha expression in ICR male mice.

[Toxicological significance of metallothionein on environmental harmful factors: verification and suggestions from a metallothionein-I/II null mouse model study].

Neuromuscular electric stimulation enhances endothelial vascular control and hemodynamic function in paretic upper extremities of patients with stroke.

Mechanisms underlying arsenic carcinogenesis: hypersensitivity of mice exposed to inorganic arsenic during gestation.

Effects of epidermal growth factor receptor deficiency and 2,3,7,8-tetrachlorodibenzo-p-dioxin on fetal development in mice.

NTP toxicology and carcinogenesis studies of triethanolamine (Cas No. 102-71-6) in B6C3F1 mice (dermal studies).

Characterization of bronchiolar metaplasia of the alveolar epithelium in female Sprague-Dawley rats exposed to 3,3',4,4',5-pentachlorobiphenyl (PCB126).

Effect of sodium arsenite on peripheral lymphocytes in vitro: individual susceptibility among a population exposed to arsenic through the drinking water.

Limited effect of selected organic pollutants on cytokine production by peripheral blood leukocytes.

Arsenic-induced enhancement of ultraviolet radiation carcinogenesis in mouse skin: a dose-response study.

How environmental hazards in childhood have been discovered: carcinogens, teratogens, neurotoxicants, and others.

Persistent suppression of contact hypersensitivity, and altered T-cell parameters in F344 rats exposed perinatally to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Soft-tissue sarcoma and dioxin: A case-control study.

Role of capsaicin-sensitive afferent nerves in different models of gastric inflammation in rats.

Phthalate ester-induced gubernacular lesions are associated with reduced *insl3* gene expression in the fetal rat testis.

Protective effects of ursodeoxycholic acid against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced testicular damage in mice.

Effects of odd-numbered medium-chain fatty acids on the accumulation of long-chain 3-hydroxy-fatty acids in long-chain L-3-hydroxyacyl CoA dehydrogenase and mitochondrial trifunctional protein deficient skin fibroblasts.

Comparison of the hemolytic activity of isopropoxyethanol and phenoxyethanol.

Effects of airbag deployment: lesions, epidemiology, and management.

Liquid growth hormone: preservatives and buffers.

Activation of inflammatory mediators and potential role of *ah*-receptor ligands in foam cell formation.

Treatment of iron deficiency anemia with Ferro-Folgamma.

Antibodies against the CB10 fragment of type II collagen in rheumatoid arthritis.

Assessing the toxicity and teratogenicity of pond water in north-central Minnesota to amphibians.

Detection of *Erysipelothrix rhusiopathiae* in clinical and environmental samples.

Follicular epithelial cell hypertrophy induced by chronic oral administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Harlan Sprague-Dawley rats.

Effect of epidermal growth factor on pulmonary hypoplasia in experimental diaphragmatic hernia.

Nitrofen-induced congenital diaphragmatic hernia in rat embryo: what model?

Induction of tumors of the liver, lung, ovary and adrenal in adult mice after brief maternal gestational exposure to inorganic arsenic: promotional effects of postnatal phorbol ester exposure on hepatic and pulmonary, but not dermal cancers.

Human bronchial smooth muscle cell proliferation via thromboxane A₂ receptor.

Expression patterns of basic helix-loop-helix transcription factors define subsets of olfactory progenitor cells.

Morphohistological analysis and histochemistry of *Feijoa sellowiana* somatic embryogenesis.

Regulation of N-acetyl-beta-D-glucosaminidase produced by *Trichoderma harzianum*: evidence that cAMP controls its expression.

Semiochemistry of the goldeneyed lacewing *Chrysopa oculata*: attraction of males to a male-produced pheromone.

Air bags and the skin.

Src kinase mediates angiotensin II-dependent increase in pulmonary endothelial nitric oxide synthase.

Blood-brain barrier permeability of novel [D-arg2]dermorphin (1-4) analogs: transport property is related to the slow onset of antinociceptive activity in the central nervous system.

Interaction between the aryl hydrocarbon receptor and retinoic acid pathways increases matrix metalloproteinase-1 expression in keratinocytes.

Reduction of DNA fragmentation and hydroxyl radical production by hyaluronic acid and chondroitin-4-sulphate in iron plus ascorbate-induced oxidative stress in fibroblast cultures.

Evidence that inhibited prostatic epithelial bud formation in 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed C57BL/6J fetal mice is not due to interruption of androgen signaling in the urogenital sinus.

Epidermal growth factor inhibits 14C-alpha-methyl-D-glucopyranoside uptake in renal proximal tubule cells: involvement of PLC/PKC, p44/42 MAPK, and cPLA2.

Versican V1 isoform induces neuronal differentiation and promotes neurite outgrowth.

Aryl hydrocarbon receptors in urogenital sinus mesenchyme mediate the inhibition of prostatic epithelial bud formation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effect of arsenic on benzo[a]pyrene DNA adduct levels in mouse skin and lung.

Altered epithelial density and expansion of bulbar projections of a discrete HSP70 immunoreactive subpopulation of rat olfactory receptor neurons in reconstituting olfactory epithelium following exposure to methyl bromide.

Multipotency of purified, transplanted globose basal cells in olfactory epithelium.

Ultraviolet A-induced production of matrix metalloproteinase-1 is mediated by macrophage migration inhibitory factor (MIF) in human dermal fibroblasts.

Odorant receptor expression patterns are restored in lesion-recovered rat olfactory epithelium.

Effect of the oxidative phosphorylation uncoupler 2,4-dinitrophenol on hypoxia-inducible factor-regulated gene expression in bovine blastocysts.

Toxicity, histopathological alterations and immunohistochemical CYP1A induction in the early life stages of the seabream, Sparus aurata, following waterborne exposure to B(a)P and TCDD.

Vascular permeability alterations induced by arsenic.

An assessment of the genotoxicity and human health risk of topical use of kojic acid [5-hydroxy-2-(hydroxymethyl)-4H-pyran-4-one].

A case of multiple skin cancers after occupational exposure to pesticides.

'Proximal-type' epithelioid sarcoma: is Agent Orange still at large?

Assessment of statistic analysis in non-radioisotopic local lymph node assay (non-RI-LLNA) with alpha-hexylcinnamic aldehyde as an example.

Role of chloroplast photosystems II and I in apoptosis of pea guard cells.

Comparative evaluation of the bioreactivity and mutagenic spectra of acrolein-derived alpha-HOPdG and gamma-HOPdG regioisomeric deoxyguanosine adducts.

Biochemical and histopathological effects of glyphosate herbicide on Nile tilapia (*Oreochromis niloticus*).

Impact of Agent Orange exposure among Korean Vietnam veterans.

Altered gene expression during rat Wolffian duct development in response to in utero exposure to the antiandrogen linuron.

Changes in the fatty acid composition and hydroxyproline content in rat lung in relation to collagen synthesis after paraquat administration.

Health effects on nearby residents of a wood treatment plant.

Parental occupational exposure to pesticides and childhood brain cancer.

Occupational airborne contact allergy to cyanamide and dibenzyl phosphite.

[Correction of immunodeficiency status caused by herbicide 2,4-D in experiment].

Assessment of cumulative allergen-activated lymph node cell proliferation using flow cytometry.

Skin tumor-promoting potential and systemic effects of pentachlorophenol and its major metabolite tetrachlorohydroquinone in CD-1 Mice.

The 5-enolpyruvylshikimate-3-phosphate synthase of glyphosate-tolerant soybean expressed in *Escherichia coli* shows no severe allergenicity.

Contact urticaria from cinnamal leading to anaphylaxis.

Cinnamic compound metabolism in human skin and the role metabolism may play in determining relative sensitisation potency.

Carcinogenicity of dimethylarsinic acid in p53 heterozygous knockout and wild-type C57BL/6J mice.

Deodorants: an experimental provocation study with cinnamic aldehyde.

Translesion synthesis past acrolein-derived DNA adduct, gamma-hydroxypropanodeoxyguanosine, by yeast and human DNA polymerase eta.

Combined initial cyclophosphamide with repeated methylprednisolone pulse therapy for severe paraquat poisoning from dermal exposure.

Pentachlorophenol poisoning.

Focal transmural necrotic tracheitis in commercial meat turkeys.

Pentachlorophenol (but not phenobarbital) promotes intrahepatic biliary cysts induced by diethylnitrosamine to cholangio cystic neoplasms in B6C3F1 mice possibly due to oxidative stress.

Comparison of cyanamide and placebo in the treatment of alcohol dependence of adolescents.

Lack of modifying effects of atrazine and/or tamoxifen on thyroid carcinogenesis in rats pretreated with N-bis(2-hydroxypropyl)nitrosamine (DHPN).

Effects of oxygen on the antioxidant responses of normal and transformed cells.

Oxidative stress and altered antioxidant defenses in children with acute exacerbation of atopic dermatitis.

Cell type-specific hypersensitivity to oxidative damage in CSB and XPA mice.

Chondroitin sulfate proteoglycans are required for lung growth and morphogenesis in vitro.

Biological activity of pentachlorophenol on the digestive gland cells of the freshwater mussel *Unio tumidus*.

Tissue-specific expression and localization of safener-induced glutathione S-transferase proteins in *Triticum tauschii*.

SKN-1 links *C. elegans* mesendodermal specification to a conserved oxidative stress response.

Induction of oxidative DNA damage by arsenite and its trivalent and pentavalent methylated metabolites in cultured human cells and isolated DNA.

Induction of glutathione S-transferase placental form positive foci in liver and epithelial hyperplasia in urinary bladder, but no tumor development in male Fischer 344 rats treated with monomethylarsonic acid for 104 weeks.

Photodegradation pathways and the in vitro phototoxicity of pyrazinamide, a phototoxic antitubercular drug.

Tolerogenic role of Kupffer cells in allergic reactions.

Lack of expression of EGF and TGF- α in the fetal mouse alters formation of prostatic epithelial buds and influences the response to TCDD.

An unusual cause of burn injury: skin exposure to monochloroacetic acid.

Arsenic exposure accelerates atherogenesis in apolipoprotein E(-/-) mice.

Systemic effects and skin injury after experimental dermal exposure to monochloroacetic acid.

2,3,7,8-tetrachlorodibenzo-p-dioxin selectively enhances spontaneous IgE production in B cells from atopic patients.

Treatment of post-burns bacterial infections by Fenton reagent, particularly the ubiquitous multiple drug resistant *Pseudomonas* spp.

Effect of corticosteroid on lung parenchyma remodeling at an early phase of acute lung injury.

Nonanoic acid--an experimental irritant.

Comparative study on the effects of ointments of tinidazole, hydrocortisone and clobetasol on animal models for inflammatory dermatitis in mice.

Dermal exposure to 3-amino-5-mercapto-1,2,4-triazole (AMT) induces sensitization and airway hyperreactivity in BALB/c mice.

Angiotensin II phosphorylation of extracellular signal-regulated kinases in rat anterior pituitary cells.

Allergenicity evaluation of p-chloro-m-cresol and p-chloro-m-xlenol by non-radioactive murine local lymph-node assay and multiple-dose guinea pig maximization test.

The reliability of long-term storage of direct immunofluorescent staining slides at room temperature.

Assessment of irritant skin reactions using electrical impedance--a comparison between 2 laboratories.

Role of elastin in pathologic calcification of xenograft heart valves.

UVB light stimulates production of reactive oxygen species: unexpected role for catalase.

Antiallergic activity of ginseng and its ginsenosides.

Association between arsenic exposure from a coal-burning power plant and urinary arsenic concentrations in Prievidza District, Slovakia.

Globose basal cells are required for reconstitution of olfactory epithelium after methyl bromide lesion.

Dioxin residues in the edible tissue of broiler chicken.

Spectrum of cross-photosensitization in 18 consecutive patients with contact photoallergy to ketoprofen: associated photoallergies to non-benzophenone-containing molecules.

Effects of metronidazole and tinidazole ointments on models for inflammatory dermatitis in mice.

Erythropoietin therapy in pre-dialysis patients with chronic renal failure: lack of need for parenteral iron.

Influence of 5-aminolevulinic acid and red light on collagen metabolism of human dermal fibroblasts.

Increase in cardiovascular pathology in female Sprague-Dawley rats following chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3,3',4,4',5-pentachlorobiphenyl.

Studies on type I collagen in skin fibroblasts cultured from twins with lethal osteogenesis imperfecta.

[Occupational epidemiology: from analysis of the apparent to investigation of the unknown].

Antiperoxidative, anti-inflammatory, and antimutagenic activities of ethanol extract of the mycelium of *Ganoderma lucidum* occurring in South India.

Transplacental carcinogenicity of inorganic arsenic in the drinking water: induction of hepatic, ovarian, pulmonary, and adrenal tumors in mice.

EGF and TGF- α expression influence the developmental toxicity of TCDD: dose response and AhR phenotype in EGF, TGF- α , and EGF + TGF- α knockout mice.

Pre- or post-treatment with the mitochondrial uncoupler 2,4-dinitrophenol attenuates striatal quinolinate lesions.

Oviposition response of the mosquito, *Culex quinquefasciatus* to the secondary metabolite(s) of the fungus, *Trichoderma viride*.

Mutagenic and antimutagenic potential of the medicinal plants *M. laevigata* and *C. xanthocarpa*.

Randomization of cortical microtubules in root epidermal cells induces root hair initiation in lettuce (*Lactuca sativa* L.) seedlings.

Blood-brain barrier transport of a novel micro 1-specific opioid peptide, H-Tyr-D-Arg-Phe-beta-Ala-OH (TAPA).

Measurement of retinoids and beta-carotene 15,15'-dioxygenase activity in HR-1 hairless mouse skin with UV exposure.

Effects of magnesium on the production of extracellular matrix metalloproteinases in cultured rat vascular smooth muscle cells.

Effect of epidermal growth factor on phosphate uptake in renal proximal tubule cells: involvement of PKC, MAPK, and cPLA2.

Epidermal growth factor regulates Ca²⁺ uptake in primary cultured renal proximal tubule cells: involvement of cAMP, PKC and cPLA2.

Proteoglycans on bone marrow endothelial cells bind and present SDF-1 towards hematopoietic progenitor cells.

Sensitivity and specificity of different staining methods to monitor apoptosis induced by oxidative stress in adherent cells.

Kinetics of monochloroacetic acid at subtoxic and toxic doses in rats after single oral and dermal administrations.

Alteration of keratinocyte differentiation and senescence by the tumor promoter dioxin.

NTP toxicology and carcinogenesis Studies of 2,4-hexadienal (89% trans,trans isomer, CAS No. 142-83-6; 11% cis,trans isomer) (Gavage Studies).

Simulation of dioxin accumulation in human tissues and analysis of reproductive risk.

Somatic embryogenesis in sisal (*Agave sisalana* Perr. ex. Engelm).

Mislocalization of membrane proteins associated with multidrug resistance in cisplatin-resistant cancer cell lines.

Characterization of an inducible chlorophenol O-methyltransferase from *Trichoderma longibrachiatum* involved in the formation of chloroanisoles and determination of its role in cork taint of wines.

On the significance of the role of cellular stress response reactions in the toxic actions of dioxin.

p38 mitogen-activated protein kinase activation by ultraviolet A radiation in human dermal fibroblasts.

Upregulation of cellular NF-kappa B activity by alkylating carcinogens in human epidermal keratinocytes.

Soluble extracts from *Helicobacter pylori* induce dome formation in polarized intestinal epithelial monolayers in a laminin-dependent manner.

Mutation or drug-dependent microtubule disruption causes radial swelling without altering parallel cellulose microfibril deposition in *Arabidopsis* root cells.

Reactive oxygen species mediate endotoxin-induced human dermal endothelial NF-kappaB activation.

Three-dimensional mapping of the lesions induced by beta-beta'-iminodipropionitrile, methyl iodide and methyl methacrylate in the rat nasal cavity.

Occurrence of *Botrytis cinerea* and Subsequent Disease Expression at Different Positions on Leaves and Bunches of Grape.

[Single and binary-combined toxicity of methamidophos, acetochlor and Cu on earthworm *Eisenia foetida*].

Role of the different mitogen-activated protein kinase subfamilies in the stimulation of dog and human thyroid epithelial cell proliferation by cyclic adenosine 5'-monophosphate and growth factors.

Developmental exposure to the pesticides paraquat and maneb and the Parkinson's disease phenotype.

Effect of chemical interactions in pentachlorophenol mixtures on skin and membrane transport.

[Effect of combined radioactive and chemical (heavy metals, herbicides) pollution on the yield of cytogenetic disruptions in the intercalary meristem of spring barley].

Environmental agents as cause of health disorders in children presented at an outpatient unit of environmental medicine.

Error prone translesion synthesis past gamma-hydroxypropano deoxyguanosine, the primary acrolein-derived adduct in mammalian cells.

Predictors of survival after acute paraquat poisoning.

Effects of in utero linuron exposure on rat Wolffian duct development.

Incidence of CTCL in Vietnam veterans.

In vivo genotoxicity evaluation of dimethylarsinic acid in MutaMouse.

An analysis of glyphosate data from the California Environmental Protection Agency Pesticide Illness Surveillance Program.

Sunscreens can increase dermal penetration of 2,4-dichlorophenoxyacetic acid.

A 'single toxin-double lesion' rat model of striatonigral degeneration by intrastriatal 1-methyl-4-phenylpyridinium ion injection: a motor behavioural analysis.

In vitro effect of air pollutants on human bronchi.

Lesions induced by 2,4-D and chlorpyrifos in tench (*Tinca tinca* L.): implication in toxicity studies.

Effects of nonylphenol, 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene (p,p'-DDE), and pentachlorophenol on the adult female guinea pig reproductive tract.

[Chlorophenols: intermediate by-products of 2,4-dichlorophenoxyacetic acid synthesis. Toxicity and hazard].

Male rats exposed to linuron in utero exhibit permanent changes in anogenital distance, nipple retention, and epididymal malformations that result in subsequent testicular atrophy.

Mutagenesis by acrolein-derived propanodeoxyguanosine adducts in human cells.

The role of sodium cromolyn in treatment of paraquat-induced pulmonary fibrosis in rat.

Carcinogenicity of dimethylarsinic acid in male F344 rats and genetic alterations in induced urinary bladder tumors.

Promoting effects of monomethylarsonic acid, dimethylarsinic acid and trimethylarsine oxide on induction of rat liver preneoplastic glutathione S-transferase placental form positive foci: a possible reactive oxygen species mechanism.

Is *Lolium* pollen from an urban environment more allergenic than rural pollen?

Mucin apoprotein expression in COPD.

A review on usnic acid, an interesting natural compound.

Analysis of DNA adducts in rats exposed to pentachlorophenol.

Inhibition of cell proliferation and AP-1 activity by acrolein in human A549 lung adenocarcinoma cells due to thiol imbalance and covalent modifications.

Ozone-induced ethylene production is dependent on salicylic acid, and both salicylic acid and ethylene act in concert to regulate ozone-induced cell death.

Systemic uptake and cutaneous disposition of pentachlorophenol in a sequential exposure scenario: effects of skin preexposure to benzo[a]pyrene.

The barley MLO modulator of defense and cell death is responsive to biotic and abiotic stress stimuli.

Involvement of chloroplasts in the programmed death of plant cells.

Assessment of the rhizosphere competency and pentachlorophenol-metabolizing activity of a pesticide-degrading strain of *Trichoderma harzianum* introduced into the root zone of corn seedlings.

9-polylysine protein transduction domain: enhanced penetration efficiency of superoxide dismutase into mammalian cells and skin.

Genotoxic mechanism for the major acrolein-derived deoxyguanosine adduct in human cells.

Involvement of the *Arabidopsis* alpha-DOX1 fatty acid dioxygenase in protection against oxidative stress and cell death.

Cell enlargement of plant tissue explants oscillates with a temperature-compensated period of ca. 24 min.

Phosphorylated alpha-synuclein is ubiquitinated in alpha-synucleinopathy lesions.

Mesenchymal nuclear transcription factors in nitrofen-induced hypoplastic lung.

Contact allergy to o-cresol--a sensitizer in phenol-formaldehyde resin.

Natal and neonatal teeth in relation to environmental toxicants.

Role of bioavailable iron in coal dust-induced activation of activator protein-1 and nuclear factor of activated T cells: difference between Pennsylvania and Utah coal dusts.

The influence of a residual group in low-molecular-weight allergoids of *Artemisia vulgaris* pollen on their allergenicity, IgE- and IgG-binding properties.

The Coca-Cola incident in Belgium, June 1999.

The clinicopathologic significance of enriching grated cassava mash with red palm oil in the production of gari.

[Phenomenon of pseudomutagenesis: experiments with modifiers of cell metabolism in human lymphocytes].

[Photocontact dermatitis due to ketoprofen and photosensitization to tetrachlorosalicylanide and to Fenticlor(R)].

Sodium arsenite-induced stress-related gene expression in normal human epidermal, HaCaT, and HEL30 keratinocytes.

Arsenite cocarcinogenesis: an animal model derived from genetic toxicology studies.

Lipid metabolism and neuropsychological follow-up study of workers exposed to 2,3,7,8-tetrachlorodibenzo- p-dioxin.

Effect of in utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on rat molar development: the role of exposure time.

Fibrinogen induces chemotactic activity in endothelial cells.

Antipruritic and antiinflammatory effects of aqueous extract from Si-Wu-Tang.

Challenging embryological theories on congenital diaphragmatic hernia: future therapeutic implications for paediatric surgery.

Induction of HSP72 by sodium arsenite fails to protect against cholecystokinin-octapeptide-induced acute pancreatitis in rats.

The stress response decreases NF-kappaB activation in liver of endotoxemic mice.

Role of ATP in the sensitivity to heat and the induction of apoptosis in mammalian cells.

Mechanisms of 2-butoxyethanol carcinogenicity: studies on Syrian Hamster Embryo (SHE) cell transformation.

Comparison of acute toxicities of indolo[3,2-b]carbazole (ICZ) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in TCDD-sensitive rats.

Cancer chemopreventive and antioxidant activities of pterostilbene, a naturally occurring analogue of resveratrol.

Studies on the photostability and phototoxicity of aloe-emodin, emodin and rhein.

Low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin increase transforming growth factor beta and cause myocardial fibrosis in marmosets (*Callithrix jacchus*).

Incidence of postoperative pain after intracanal procedures based on an antimicrobial strategy.

[Iron supplementation in a child with severe burns].

Decrease in 4-aminobiphenyl-induced methemoglobinemia in Cyp1a2(-/-) knockout mice.

Algal dermatitis in cichlids.

Recognition and management of acute pesticide poisoning.

[The prevalence of iron deficiency anemia among 6- to 18-month-old children in Japan].

Physiologic levels of epidermal growth factor in saliva stimulate cell migration of an oral epithelial cell line, HO-1-N-1.

Developmental stage-specific effects of perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on reproductive organs of male rat offspring.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on trace elements, inflammation and viral clearance in the myocardium during coxsackievirus B3 infection in mice.

Skin irritation typing and grading based on laser Doppler perfusion imaging.

Dioxin in infants--an environmental hazard?

A correlative study on antimutagenic and chemopreventive activity of *Acacia auriculiformis* A. Cunn. and *Acacia nilotica* (L.) Willd. Ex Del.

Maternal immune stimulation in mice decreases fetal malformations caused by teratogens.

Lack of promoting effect due to oral administration of dimethylarsinic acid on rat lung carcinogenesis initiated with N-bis(2-hydroxypropyl)nitrosamine.

A possible relationship between bumblefoot responsive to potassium arsenite and micrococci in the blood of three birds of prey.

Expression of the uncoupling protein 1 from the aP2 gene promoter stimulates mitochondrial biogenesis in unilocular adipocytes in vivo.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) disrupts early morphogenetic events that form the lower reproductive tract in female rat fetuses.

Interactions in developmental toxicology: effects of concurrent exposure to lead, organic mercury, and arsenic in pregnant mice.

Genomic analysis of alachlor-induced oncogenesis in rat olfactory mucosa.

Identification of 2,4-dichlorophenol in females of the American dog tick, *Dermacentor variabilis* (Acari: Ixodidae), and its possible role as a component of the attractant sex pheromone.

Methylene blue restores spatial memory retention impaired by an inhibitor of cytochrome oxidase in rats.

Enhancement of alpha-adrenoceptor-mediated responses in prostate of testosterone-treated rat.

Intake fraction for multimedia pollutants: a tool for life cycle analysis and comparative risk assessment.

Involvement of reactive oxygen species in arsenite-induced downregulation of phospholipid hydroperoxide glutathione peroxidase in human epidermoid carcinoma A431 cells.

Signal pathways involved in the production of MMP-1 and MMP-3 in human gingival fibroblasts.

In utero exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin causes accelerated terminal differentiation in fetal mouse skin.

Tissue-specific expression of AHR2, ARNT2, and CYP1A in zebrafish embryos and larvae: effects of developmental stage and 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Synthesis and cytotoxic activity of N-(2-diethylamino)ethylcarboxamide and other derivatives of 10H-quindoline.

Chronic acquired dyskeratotic papulosis of the face.

Benzo(a)pyrene, but not 2,3,7,8-tetrachlorodibenzo-p-dioxin, alters cell adhesion proteins in human uterine RL95-2 cells.

Alteration in ovarian gene expression in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin: reduction of cyclooxygenase-2 in the blockage of ovulation.

Evidence for high activity of xylem parenchyma and ray cells in the interface of host stem and *Agrobacterium tumefaciens*-induced tumours of *Ricinus communis*.

Oversulfated chondroitin/dermatan sulfates containing GlcAbeta1/IdoAalpha1-3GalNAc(4,6-O-disulfate) interact with L- and P-selectin and chemokines.

Unique property of some synthetic retinoids: activation of the aryl hydrocarbon receptor pathway.

Multidrug-resistance *mdr1a/1b* double knockout mice are more sensitive than wild type mice to acute arsenic toxicity, with higher arsenic accumulation in tissues.

In vitro cytotoxicity testing with fluorescence-based assays in cultured human lung and dermal cells.

Acute sodium arsenite treatment induces Cyp2a5 but not Cyp1a1 in the C57Bl/6 mouse in a tissue (kidney) selective manner.

Acute sodium arsenite administration induces pulmonary CYP1A1 mRNA, protein and activity in the rat.

Toxicity testing and chemical analyses of recycled fibre-based paper for food contact.

Tissue concentrations and induction of a hepatic monooxygenase in male Wistar rats after repeated doses of defined polychlorinated dibenzo-p-dioxin and dibenzofuran (PCDDs and PCDFs) mixtures.

Understanding fragrance allergy using an exposure-based risk assessment approach.

Changes in plasma antiproteases in paraquat poisoned rats using micro two-dimensional electrophoretic analysis.

DNA damage by cadmium and arsenic salts assessed by the single cell gel electrophoresis assay.

Environmental and occupational skin diseases in Taiwan.

Paraquat in developing countries.

Diquat poisoning of dairy cattle by topical application.

Oral exposure of dimethylarsinic acid, a main metabolite of inorganic arsenics, in mice leads to an increase in 8-Oxo-2'-deoxyguanosine level, specifically in the target organs for arsenic carcinogenesis.

Paraquat poisoning in a burn patient.

Langerhans cells and immature dendritic cells as model systems for screening of skin sensitizers.

Carrier-mediated processes in blood--brain barrier penetration and neural uptake of paraquat.

Unique renal tubule changes induced in rats and mice by the peroxisome proliferators 2,4-dichlorophenoxyacetic acid (2,4-D) and WY-14643.

The development of a new method to estimate total daily dose of pesticides in professional turf applicators following multiple and varied exposures in occupational settings.

Assessment of pentachlorophenol-exposed timber workers using a test-of-poisoning model.

Release of markedly increased quantities of prostaglandin D2 from the skin in vivo in humans after the application of cinnamic aldehyde.

The suitability of hexyl cinnamic aldehyde as a calibrant for the murine local lymph node assay.

Parkinsonism after glycine-derivate exposure.

Differential effects of trivalent and pentavalent arsenicals on cell proliferation and cytokine secretion in normal human epidermal keratinocytes.

Intracerebral administration of 2,4-dichlorophenoxyacetic acid induces behavioral and neurochemical alterations in the rat brain.

Attenuation of paraquat-induced dopaminergic toxicity on the substantia nigra by (-)-deprenyl in vivo.

Evaluation of the mutagenic potential of the principal DNA adduct of acrolein.

A concise review of the toxicity and carcinogenicity of dimethylarsinic acid.

Carcinogenicity assays of wood dust and wood additives in rats exposed by long-term inhalation.

No parallel relationship between nitric oxide production and wet dog shakes susceptible to nitric oxide synthase inhibitors following systemic administration of paraquat in rats.

Centrilobular endothelial cell injury by diquat in the selenium-deficient rat liver.

Effects of diquat, an aquatic herbicide, on the development of mallard embryos.

Reproductive toxicity of MCPA (4-chloro-2-methylphenoxyacetic acid) in the rat.

Complications of chronic arsenic poisoning.

Urothelial cytotoxicity and regeneration induced by dimethylarsinic acid in rats.

Immunohistochemical detection of lipid peroxidation products, protein-bound acrolein and 4-hydroxynonenal protein adducts, in actinic elastosis of photodamaged skin.

Dermal exposure to cinnamaldehyde alters lymphocyte subpopulations, number of interferon-gamma-producing cells, and expression of B7 costimulatory molecules and cytokine messenger RNAs in auricular lymph nodes of B6C3F1 mice.

Influence of caffeine on allyl alcohol-induced hepatotoxicity in rats. I. In vivo study.

Mixture component effects on the in vitro dermal absorption of pentachlorophenol.

Low-activity allele of copper-zinc superoxide dismutase (CuZnSOD) in *Drosophila* increases paraquat genotoxicity but does not affect near UV radiation damage.

High-performance liquid chromatography method for the quantification of non-radiolabelled cinnamic compounds in analytes derived from human skin absorption and metabolism experiments.

Development of sampling and analytical methods for concerted determination of commonly used chloroacetanilide, chlorotriazine, and 2,4-D herbicides in hand-wash, dermal-patch, and air samples.

Protection from drug-induced hepatocellular changes by pretreatment with conjugating enzyme inhibitors in rats.

Oxidative stress and usnic acid content in *Parmelia caperata* and *Parmelia soledians* (Lichenes).

Involvement of cortical microtubules in plastic extension regulated by gibberellin in *Lemna minor* root.

Accumulation of heavy metals in epidermal glands of the waterlily (*Nymphaeaceae*).

Oxidative stress inhibits the mitochondrial import of preproteins and leads to their degradation.

Acrolein induces activation of the epidermal growth factor receptor of human keratinocytes for cell death.

Cutaneous elimination of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Developmental dental defects in children who reside by a river polluted by dioxins and furans.

Dioxin body burdens in operation ranch hand veterans: promotion blocking and cancer causation.

Secretion of gelatinases and activation of gelatinase A (MMP-2) by human rheumatoid synovial fibroblasts.

Arsenite is a cocarcinogen with solar ultraviolet radiation for mouse skin: an animal model for arsenic carcinogenesis.

[Pseudo-Acanthosis nigricans in a 12 year old boy after kidney transplantation].

Do cool water or physiologic saline compresses enhance resolution of experimentally-induced irritant contact dermatitis?

Dioxins in adipose tissue of non-occupationally exposed persons in France: correlation with individual food exposure.

[CD7(+) acute myeloid leukemia (M0) associated with a mediastinal bulky mass lesion].

Severe 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) intoxication: clinical and laboratory effects.

In utero/lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure impairs molar tooth development in rats.

Down-regulation of regulatory proteins for differentiation and proliferation in murine fetal hypoplastic lungs: altered mesenchymal-epithelial interactions.

Absence of Crabtree effect in human melanoma cells adapted to growth at low pH: reversal by respiratory inhibitors.

[A case of chronic methyl bromide intoxication showing symmetrical lesions in the basal ganglia and brain stem on magnetic resonance imaging].

Modulatory effects of neonatal exposure to TCDD, or a mixture of PCBs, p,p'-DDT, and p,p'-DDE, on methylnitrosourea-induced mammary tumor development in the rat.

Identification of rab7 as a melanosome-associated protein involved in the intracellular transport of tyrosinase-related protein 1.

Differential effects of circulating IgA isolated from patients with IgA nephropathy on superoxide and fibronectin production of mesangial cells.

Teratogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice lacking the expression of EGF and/or TGF-alpha.

Hypoxia-inducible factor 1alpha and 1beta proteins share common signaling pathways in human prostate cancer cells.

Cardioprotective effect of propranolol from alcohol-induced heart muscle damage as assessed by plasma cardiac troponin-t.

Dietary exposure to 3,3',4,4',5-pentachlorobiphenyl (PCB 126) or 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) does not induce proliferation of squamous epithelium or osteolysis in the jaws of weanling rats.

Chronic toxicity of dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin to mink.

Arrest of rat molar tooth development by lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of chronic sodium azide on brain and muscle cytochrome oxidase activity: a potential model to investigate environmental contributions to neurodegenerative diseases.

[The changes of PCBs and PCDFs as well as symptoms in Yusho patients for 30 years].

Gene expression of insulin-like growth factor-1 and epidermal growth factor is downregulated in the heart of rats with nitrofen-induced diaphragmatic hernia.

Oral administration of dimethylarsinic acid, a main metabolite of inorganic arsenic, in mice promotes skin tumorigenesis initiated by dimethylbenz(a)anthracene with or without ultraviolet B as a promoter.

Analysis of gene expression induced by irritant and sensitizing chemicals using oligonucleotide arrays.

Fate of PCDF/PCB congeners and change of clinical symptoms in patients with Yusho PCB poisoning for 30 years.

Rhinotomy is disrupted during the re-innervation of the olfactory bulb that follows transection of the olfactory nerve.

Recent advances in arsenic carcinogenesis: modes of action, animal model systems, and methylated arsenic metabolites.

Comparative analysis of amyloid-beta chemical structure and amyloid plaque morphology of transgenic mouse and Alzheimer's disease brains.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on fetal mouse urinary tract epithelium in vitro.

[Chronic arsenicism].

Pesticide-related illness and injuries among banana workers in Costa Rica: a comparison between 1993 and 1996.

Toxicity of PCB-126 in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P4501A induction in several organ systems.

Effect of iron on the virulence of *Trichomonas vaginalis*.

Comparative biodistribution and metabolism of carbon-11-labeled N-[2-(dimethylamino)ethyl]acridine-4-carboxamide and DNA-intercalating analogues.

Association of reversible alopecia with occupational topical exposure to common borax-containing solutions.

Notification of occupational and work-related diseases and poisonings in Malaysia, 1997-1998.

Subchronic sodium chlorate exposure in drinking water results in a concentration-dependent increase in rat thyroid follicular cell hyperplasia.

A Kampo formulation: Byakko-ka-ninjin-to (Bai-Hu-Jia-Ren-Sheng-Tang) inhibits IgE-mediated triphasic skin reaction in mice: the role of its constituents in expression of the efficacy.

Squamous epithelial proliferation in the jaws of mink fed diets containing 3,3',4,4',5-pentachlorobiphenyl (PCB 126) or 2,3,7,8-tetrachlorodibenzo-P-dioxin (TCDD).

Effect of oral administration of excessive iron in adult ponies.

Dioxin exposure is an environmental risk factor for ischemic heart disease.

Successful repigmentation of six cases of herpes-labialis-induced lip leucoderma by micropigmentation.

Final report on the safety assessment of Juniperus communis Extract, Juniperus oxycedrus Extract, Juniperus oxycedrus Tar, Juniperus phoenicea extract, and Juniperus virginiana Extract.

Synthesis and evaluation of anticonvulsant activities of some new arylhexahydropyrimidine-2,4-diones.

Pesticides as a cause of occupational skin diseases in farmers.

The effect of beta-carotene on the expression of interleukin-6 and heme oxygenase-1 in UV-irradiated human skin fibroblasts in vitro.

Enhanced systemic tissue distribution after dermal versus intravenous 3,3',4,4'-tetrachlorobiphenyl exposure: limited utility of radiolabel blood area under the curve and excretion data in dermal absorption calculations and tissue exposure assessment.

Acute exposure to organochlorine pesticides does not affect striatal dopamine in mice.

Expression of human and mouse genes encoding polkappa: testis-specific developmental regulation and AhR-dependent inducible transcription.

Distinct pathways in the over-expression of matrix metalloproteinases in human fibroblasts by relaxation of mechanical tension.

Identification of the epidermal growth factor-like domains of thrombomodulin essential for the acceleration of thrombin-mediated inactivation of single-chain urokinase-type plasminogen activator.

Semi-solid-state fermentation of Eicchornia crassipes biomass as lignocellulosic biopolymer for cellulase and 3-glucosidase production by cocultivation of Aspergillus niger RK3 and Trichoderma reesei MTCC164.

Specific induction of metallothionein synthesis by mitochondrial oxidative stress.

Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds.

UVA-340 as energy source, mimicking natural sunlight, activates the transcription factor AP-1 in cultured fibroblasts: evidence for involvement of protein kinase-C.

Allergenicity testing of supermethrin, phenoxyacetic acid and DNCB using in vivo and in vitro modifications of the local lymph node assays, maximization and epicutaneous testing.

Fusarium solani major allergen peptide IV-1 binds IgE but does not release histamine.

Skin surface electric potential induced by ion-flux through epidermal cell layers.

c-Jun N-terminal kinase activation by hydrogen peroxide in endothelial cells involves SRC-dependent epidermal growth factor receptor transactivation.

Requirement of chondroitin sulfate/dermatan sulfate recognition in midkine-dependent migration of macrophages.

Effects of environmental antiandrogens on reproductive development in experimental animals.

Polychlorinated biphenyls, polychlorinated dibenzo-p-dioxins, and polychlorinated dibenzofurans as endocrine disrupters--what we have learned from Yusho disease.

Toxicology of metam sodium.

Control of chemical risks during the treatment of soil contaminated with chlorophenol, creosote and copper-chrome-arsenic-wood preservatives.

Oxidative damage and direct adducts in calf thymus DNA induced by the pentachlorophenol metabolites, tetrachlorohydroquinone and tetrachloro-1,4-benzoquinone.

Quantitative exposure assessment: application of physiologically-based pharmacokinetic (PBPK) modeling of low-dose, long-term exposures of organic acid toxicant in the brain.

Acclimative changes in root epidermal cell fate in response to Fe and P deficiency: a specific role for auxin?

Survival and proliferation of alginate encapsulated Trichoderma spp. in Egyptian soil in comparison with allyl alcohol soil fumigation.

Metabolism of ochratoxin A: absence of formation of genotoxic derivatives by human and rat enzymes.

Inhalation toxicity studies of the alpha,beta-unsaturated ketones: 2-cyclohexene-1-one.

[Paraquat poisoning. A study of 29 cases and evaluation of the effectiveness of the "Caribbean scheme"].

Comparative toxicity of trivalent and pentavalent inorganic and methylated arsenicals in rat and human cells.

[Hypersensitivity vasculitis caused by the herbicide containing the isopropylamine salt of glyphosate].

Estrogen reduces acute striatal dopamine responses in vivo to the neurotoxin MPP+ in female, but not male rats.

Promotion of skin carcinogenesis by dimethylarsinic acid in keratin (K6)/ODC transgenic mice.

Comparison of mouse strains using the local lymph node assay.

Prolonged cholestasis after acute paraquat poisoning through skin absorption.

Safety evaluation and risk assessment of the herbicide Roundup and its active ingredient, glyphosate, for humans.

Cyanamide-induced liver dysfunction after abstinence in alcoholics: a long-term follow-up study on four cases.

Effects of L-2-oxothiazolidine-4-carboxylate on the cytotoxic activity and toxicity of cyclophosphamide in mice bearing B16F10 melanoma liver metastases.

Stimulated pulmonary cell hyperplasia underlies resistance to alpha-naphthylthiourea.

Mechanisms of toxicity, clinical features, and management of acute chlorophenoxy herbicide poisoning: a review.

The expression of surface markers on dendritic cells as indicators for the sensitizing potential of chemicals.

Human skin absorption and metabolism of the contact allergens, cinnamic aldehyde, and cinnamic alcohol.

The role of orally administered dimethylarsinic acid, a main metabolite of inorganic arsenics, in the promotion and progression of UVB-induced skin tumorigenesis in hairless mice.

The frequency of fragrance allergy in a patch-test population over a 17-year period.

New strategies in dandruff treatment: growth control of *Malassezia ovalis*.

Preliminary results on embryo rescue for circumventing hybridization barriers in *Asparagus*.

Automated In Vitro Dermal Absorption (AIVDA): predicting skin permeation of atrazine with finite and infinite (swimming/bathing) exposure models.

Metabolism of fluroxypyr, fluroxypyr methyl ester, and the herbicide fluroxypyr methylheptyl ester. II: in rat skin homogenates.

Metabolism of fluroxypyr, fluroxypyr methyl ester, and the herbicide fluroxypyr methylheptyl ester. I: during percutaneous absorption through fresh rat and human skin in vitro.

Contribution of planar (0-1 ortho) and nonplanar (2-4 ortho) fractions of Aroclor 1260 to the induction of altered hepatic foci in female Sprague-Dawley rats.

Teratological effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): induction of cleft palate in the ddY and C57BL/6 mouse.

The mercapturic acid biotransformation pathway of hexachlorobenzene is not involved in the induction of splenomegaly, or skin and lung lesions in the Brown Norway rat.

Partial characterization of an abundant human skin melanosomal 66 kDa protein (MP 66) and investigation to purify a similar protein from B16 murine melanoma tumours.

Induction of the stress response increases interleukin-6 production in the intestinal mucosa of endotoxaemic mice.

[Diagnosis of acute poisoning].

Induction of lung lesions in female rats following chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Arsenic methylation capacity and skin cancer.

Punctate keratoderma-like lesions on the palms and soles in a patient with chloracne: a new clinical manifestation of dioxin intoxication?

Injection of iron compounds followed by induction of the stress response causes tissue injury and apoptosis.

Dose-response relationships for induction of CYP1A1 and CYP1A2 enzyme activity in liver, lung, and skin in female mice following subchronic exposure to polychlorinated biphenyls.

[Prophylaxis of anemia of prematurity with erythropoietin. Case control study].

Redistribution of accumulated 2,3,7,8-tetrachlorodibenzo-p-dioxin during coxsackievirus B3 infection in the mouse.

Quantitative analysis of tyrosinase transcripts in blood.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin induces developmental defects in the rat vagina.

Anaphylaxis to chlorhexidine. Case report. Implication of immunoglobulin E antibodies and identification of an allergenic determinant.

Arsenic and portal hypertension.

Airbag dermatitis.

Southeast Asia, promotability and dioxin's relationship to cancer incidence in operation ranch hand veterans.

Statistical analysis of skin tumor data from Tg.AC mouse bioassays.

Herbimycin A in the treatment of experimental proliferative vitreoretinopathy: toxicity and efficacy study.

Interaction of estradiol and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in an ovulation model: evidence for systemic potentiation and local ovarian effects.

Effect of CGS 26303, an endothelin-converting enzyme-neutral endopeptidase inhibitor, on nitrofen-induced congenital diaphragmatic hernia in the rat.

Diflubenzuron, a benzoyl-urea insecticide, is a potent inhibitor of TCDD-induced CYP1A1 expression in HepG2 cells.

Density-dependent growth of normal and nodular hepatocytes.

Human health effects after exposure to 2,3,7,8-TCDD.

Animal studies addressing the carcinogenicity of TCDD (or related compounds) with an emphasis on tumour promotion.

Photobiological properties of nabumetone (4-[6-methoxy-2-naphthalenyl]-2-butanone), a novel non-steroidal anti-inflammatory and analgesic agent.

Inhibition of UV irradiation-induced oxidative stress and apoptotic biochemical changes in human epidermal carcinoma A431 cells by genistein.

Improved selective, simple, and contrast staining of acidophilic neurons with vanadium acid fuchsin.

Toxicity of chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in diethylnitrosamine-initiated ovariectomized rats implanted with subcutaneous 17 beta-estradiol pellets.

Expression of neuronal nitric oxide synthase/NADPH-diaphorase during olfactory deafferentation and regeneration.

Second primary neoplasms following non-Hodgkin's lymphoma in New South Wales, Australia.

Chemokine receptors CXCR-1/2 activate mitogen-activated protein kinase via the epidermal growth factor receptor in ovarian cancer cells.

Increase of specific symptoms after long-term use of chlorophenol polluted drinking water in a community.

Inhibition of irritation and contact hypersensitivity by phenoxyacetic acid methyl ester in mice.

Drug-induced oesophageal disorders: pathogenesis, incidence, prevention and management.

In vivo treatment of mutant FLT3-transformed murine leukemia with a tyrosine kinase inhibitor.

Toxic action/toxicity.

Differential effect of antiallergic drugs on IgE-mediated cutaneous reaction in passively sensitized mice.

Central nervous system toxicity and early peripheral neuropathy following dermal exposure to methyl bromide.

Infusion of total dose iron versus oral iron supplementation in ambulatory peritoneal dialysis patients: a prospective, cross-over trial.

Linking environmental cancer with occupational epidemiology research: the role of the International Agency for Research on Cancer (IARC).

The future relationship between the media, the food industry and the consumer.

Comparison of solvents for removing pesticides from skin using an in vitro porcine model.

Anti-tumor effect of N-beta-alanyl-5-S-glutathionyl dihydroxyphenylalanine (5-S-GAD), a novel anti-bacterial substance from an insect.

Fumigant-related illnesses: Washington State's five-year experience.

A role for MHR1, a gene required for mitochondrial genetic recombination, in the repair of damage spontaneously introduced in yeast mtDNA.

[Hand injuries caused by self-made bombs. Observations and reconstructoin techniques. Report of 7 cases].

A laboratory comparison of two media for use in the assessment of dermal exposure to pesticides.

Estrogen modulation of prolactin gene expression requires an intact mitogen-activated protein kinase signal transduction pathway in cultured rat pituitary cells.

Chronic toxicity of arsenic in goats: clinicobiochemical changes, pathomorphology and tissue residues.

Gag3p, an outer membrane protein required for fission of mitochondrial tubules.

Air bag injury and the dermatologist.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of different cytotoxins on cytochrome P450 isoforms expression and on glycogen content.

Somatic embryogenesis induced by the simple application of abscisic acid to carrot (*Daucus carota* L.) seedlings in culture.

Pamlin-induced tyrosine phosphorylation of SUP62 protein in primary mesenchyme cells during early embryogenesis in the sea urchin, *Hemicentrotus pulcherrimus*.

Effect of O6-benzylguanine on alkylating agent-induced toxicity and mutagenicity. In Chinese hamster ovary cells expressing wild-type and mutant O6-alkylguanine-DNA alkyltransferases.

Hemodynamic dysfunction and cytochrome P4501A mRNA expression induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin during embryonic stages of lake trout development.

Toxicity of TCDD in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P450 1A induction in several organ systems.

Pathologic alterations in adult rainbow trout, *Oncorhynchus mykiss*, exposed to dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Characterization of cardiotoxicity induced by 2,3,7, 8-tetrachlorodibenzo-p-dioxin and related chemicals during early chick embryo development.

Structure-activity relationships in the induction of DNA-protein cross-links by hematotoxic ring-opened benzene metabolites and related compounds in HL60 cells.

Morphohistological study of the different constituents of a banana (*Musa AAA*, cv. Grande naine) embryogenic cell suspension.

Molecular characterization and developmental expression of the aryl hydrocarbon receptor from the chick embryo.

Pathological lesions in lambs fed raw or processed cottonseed meal.

Transforming growth factor-alpha-mediated growth pathways in human gastro-intestinal cell lines in relation to the gastrin autocrine pathway.

Occupational fatalities associated with 2,4-dichlorophenol (2,4-DCP) exposure, 1980-1998.

Gonadotropin-releasing hormone (GnRH) partially reverses the inhibitory effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on ovulation in the immature gonadotropin-treated rat.

Cytotoxicity and keratinocyte microsome-mediated mutagenic activation of carcinogens in cultured epidermal cells.

Dermal penetration and metabolism of five glycidyl ethers in human, rat and mouse skin.

Effect of gestational and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on the level and catalytic activities of hepatic microsomal CYP1A in prepubertal and adult rats.

Sodium arsenite-induced dysregulation of proteins involved in proliferative signaling.

Time course of arsenite-induced copper accumulation in rat kidney.

Dermal absorption and tissue disposition of 3,3',4,4'-tetrachlorobiphenyl (TCB) in an ex-vivo pig model: assessing the impact of dermal exposure variables.

Toxicology of environmental chemicals in the flounder (*Platichthys flesus*) with emphasis on the immune system: field, semi-field (mesocosm) and laboratory studies.

NTP Toxicology and Carcinogenesis Studies of Pyridine (CAS No. 110-86-1) in F344/N Rats, Wistar Rats, and B6C3F1 Mice (Drinking Water Studies).

Angiotensin II stimulates endothelial vascular cell adhesion molecule-1 via nuclear factor-kappaB activation induced by intracellular oxidative stress.

The role of protein-tyrosine phosphorylation and gelatinase production in the migration and proliferation of smooth muscle cells.

Attraction of immature stages of the American dog tick (*Dermacentor variabilis*) to 2,6-dichlorophenol.

Experimental exposure of rat skin to methyl bromide: a toxicokinetic and histopathological study.

Preparation of oligomeric beta-glycosides from cellulose and hemicellulosic polysaccharides via the glycosyl transferase activity of a *trichoderma reesei* cellulase.

Delamination and tyrosine phosphorylation of SUp62 during early embryogenesis of sea urchin.

Signaling regulation for synergistic effects of substance P and insulin-like growth factor-1 or epidermal growth factor on corneal epithelial migration.

Lichenoid drug eruption due to cyanamide.

Multiple logistic regression analysis of plasma paraquat concentrations as a predictor of outcome in 375 cases of paraquat poisoning.

Fragrance and contact allergens in vitro modulate the HLA-DR and E-cadherin expression on human epidermal Langerhans cells.

Human isolated airway contraction: interaction between air pollutants and passive sensitization.

Role of glutathione S-transferase 8-8 in allylamine resistance of vascular smooth muscle cells in vitro.

Homicide by paraquat poisoning.

An ecological risk assessment for the use of Irgarol 1051 as an algaecide for antifoulant paints.

Occupational risk factors for sarcoma subtypes.

Toxic action of the herbicide 2,4-D on the neuroepithelial synapse and on the nonstimulated skin of the frog *Caudiverbera caudiverbera*.

Positive correlation between mammalian life span and cellular resistance to stress.

Eczematous erythroderma induced by cyanamide.

Administration of potentially antiandrogenic pesticides (procymidone, linuron, iprodione, chlozolinate, p,p'-DDE, and ketoconazole) and toxic substances (dibutyl- and diethylhexyl phthalate, PCB 169, and ethane dimethane sulphonate) during sexual differentiation produces diverse profiles of reproductive malformations in the male rat.

Fragrance sensitivity in allergic contact dermatitis.

SODs are involved in the regulation of ICAM-1 expression in human melanoma and endothelial cells.

In vitro and in vivo comparison between the effects of treatment with adenosine triphosphate and treatment with buthionine sulfoximine on chemosensitization and tumour growth of B16 melanoma.

Evidence for site-specific bioactivation of alachlor in the olfactory mucosa of the Long-Evans rat.

Pentachlorophenol (PCP) produces liver oxidative stress and promotes but does not initiate hepatocarcinogenesis in B6C3F1 mice.

Regulation of human airway mucins by acrolein and inflammatory mediators.

Protein-bound acrolein: a novel marker of oxidative stress in Alzheimer's disease.

Effects of natural and synthetic auxins on the gravitropic growth habit of roots in two auxin-resistant mutants of *Arabidopsis*, *axr1* and *axr4*: evidence for defects in the auxin influx mechanism of *axr4*.

The p66shc adaptor protein controls oxidative stress response and life span in mammals.

Daily injections of cyanamide enhance both ethanol-induced locomotion and brain catalase activity.

HPLC-accelerator MS measurement of atrazine metabolites in human urine after dermal exposure.

Effects of secretable SOD delivered by genetically modified cells on xanthine/xanthine oxidase and paraquat-induced cytotoxicity in vitro.

Reactive oxygen species participate in *mdr1b* mRNA and P-glycoprotein overexpression in primary rat hepatocyte cultures.

The effects of superoxide and the peripheral benzodiazepine receptor ligands on the mitochondrial processing of manganese-dependent superoxide dismutase.

Role of 1,N²-propanodeoxyguanosine adducts as endogenous DNA lesions in rodents and humans.

Effect of Shimotsu-to (a Kampo medicine, Si-Wu-Tang) and its constituents on triphasic skin reaction in passively sensitized mice.

Study of the photochemical and in vitro phototoxicity of chlortalidone [2-chloro-5-(1-hydroxy-3-oxo-1-isoindolinyl)benzene sulfonamide].

Acute arsenic poisoning: clinical and histopathological features.

In vitro phototoxicity of new quinolones: production of active oxygen species and photosensitized lipid peroxidation.

[Biological actions of acetaldehyde].

Skeletal malformations associated with congenital diaphragmatic hernia: experimental and human studies.

Effect of prenatal exposure to TCDD on the promotion of endometriotic lesion growth by TCDD in adult female rats and mice.

Antimutagenic effects of centchroman--a contraceptive and a candidate drug for breast cancer in multiple mutational assays.

Blood lipid concentrations of dioxins and dibenzofurans causing chloracne.

Reinnervation of the rat olfactory bulb after methyl bromide-induced lesion: timing and extent of reinnervation.

Connective tissue responses to calcium hydroxide-based root canal medicaments.

Pheomelanin as a binding site for drugs and chemicals.

Altered *bcl-2* family expression during non-genotoxic hepatocarcinogenesis in mice.

Arsenic-related Bowen's disease, palmar keratosis, and skin cancer.

Regulation of matrix metalloproteinase-2 (MMP-2) by hepatocyte growth factor/scatter factor (HGF/SF) in human glioma cells: HGF/SF enhances MMP-2 expression and activation accompanying up-regulation of membrane type-1 MMP.

PUVA (8-methoxy-psoralen plus ultraviolet A) induces the formation of 8-hydroxy-2'-deoxyguanosine and DNA fragmentation in calf thymus DNA and human epidermoid carcinoma cells.

Hypoxia potentiates ultraviolet A-induced riboflavin cytotoxicity.

A chimeric aryl hydrocarbon receptor knockout mouse model indicates that aryl hydrocarbon receptor activation in hematopoietic cells contributes to the hepatic lesions induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Geographical differences of cancer incidence in Costa Rica in relation to environmental and occupational pesticide exposure.

Irritant contact dermatitis caused by methyl iodide.

Serum dioxin and immunologic response in veterans of Operation Ranch Hand.

Heart hypoplasia in experimental congenital diaphragmatic hernia.

Influence of phosphotyrosine kinase inhibitors on adhesive properties of highly and poorly metastatic HT-29 colon carcinoma cells to collagen.

Serum dioxin and cancer in veterans of Operation Ranch Hand.

Induction of altered hepatic foci by a mixture of dioxin-like compounds with and without 2,2',4,4',5,5'-hexachlorobiphenyl in female Sprague-Dawley rats.

Energy metabolism inhibition impairs amyloid precursor protein secretion from Alzheimer's fibroblasts.

Cytochrome P450 CYP1B1 determines susceptibility to 7,12-dimethylbenz[a]anthracene-induced lymphomas.

Recombinant human erythropoietin alpha in the correction of anaemia in epidermolysis bullosa.

[Oxidative injury and its defense system in vivo].

Phototoxicity of quinalphos under sunlight in vitro and in vivo.

The potential role of environmental toxins in the pathophysiology of endometriosis.

Long-pulse dye laser for photodynamic therapy: investigations in vitro and in vivo.

Inhibitory mechanisms of glycoprotein fraction derived from *Miscanthus sinensis* for the immediate phase response of an IgE-mediated cutaneous reaction.

Effect of overproduction of interleukin 5 on dinitrofluorobenzene-induced allergic cutaneous response in mice.

Direct somatic embryogenesis on leaf explants of *Oncidium Gower Ramsey* and subsequent plant regeneration.

NTP Toxicology and Carcinogenesis Studies of Triethanolamine (CAS No. 102-71-6) in F344 Rats and B6C3F1 Mice (Dermal Studies).

Anaphylaxis inhibitory factor in IgE-dependent mast cell stimulation.

The EL sampler: a press sampler for the quantitative estimation of dermal exposure to pesticides in housedust.

Effects of an environmental endocrine disruptor on fetal development, estrogen receptor(alpha) and epidermal growth factor receptor expression in the porcine male genital tract.

Expression and activity of cyclic and linear analogues of esculentin-1, an anti-microbial peptide from amphibian skin.

Effects of dexamethasone, growth factors, and tracheal ligation on the development of nitrofen-exposed hypoplastic murine fetal lungs in organ culture.

Suppression of sclerotinia stem rot of soybean by lactofen herbicide treatment.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of various mitogens and cytotoxins on cytochrome P450 (P450) isoforms expression and on P450 mediated monooxygenase functions.

Role of O6-alkylguanine-DNA alkyltransferase in protecting against cyclophosphamide-induced toxicity and mutagenicity.

MAP kinase-independent induction of proto-oncogene c-fos mRNA by hemin in human cells.

Arsenic toxicity and accumulation in turnip as affected by arsenic chemical speciation.

Singlet oxygen mediates the UVA-induced generation of the photoaging-associated mitochondrial common deletion.

The effect of EGF on electrolyte transport is mediated by tyrosine kinases in the rabbit cortical collecting duct.

Involvement of tyrosine kinases on cyclooxygenase expression and prostaglandin E2 production in human gingival fibroblasts stimulated with interleukin-1beta and epidermal growth factor.

NTP Toxicology and Carcinogenesis Studies of Pentachlorophenol (CAS NO. 87-86-5) in F344/N Rats (Feed Studies).

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-mediated membrane translocation of c-Src protein kinase in liver WB-F344 cells.

Carbonyl stress in the pathogenesis of diabetic nephropathy.

Immunohistochemical evidence for an increased oxidative stress and carbonyl modification of proteins in diabetic glomerular lesions.

Inhibition of protoporphyrinogen oxidase expression in Arabidopsis causes a lesion-mimic phenotype that induces systemic acquired resistance.

Induction of collagenase-3 (MMP-13) expression in human skin fibroblasts by three-dimensional collagen is mediated by p38 mitogen-activated protein kinase.

[Genetic algorithms in 3D-QSAR: Predicting the toxicity of dibenzodioxins, dibenzofurans and biphenyls].

Promotion of NCI-Black-Reiter male rat bladder carcinogenesis by dimethylarsinic acid an organic arsenic compound.

Behavioral responses to atrazine and diuron in goldfish.

Acute 2,4-D poisoning in tench (*Tinca tinca* L.): lesions in the hematopoietic portion of the kidney.

The role of glutathione S-transferases as a defense against reactive electrophiles in the blood vessel wall.

From toxicological problem to therapeutic use: the discovery of the mode of action of 2-(2-nitro-4-trifluoromethylbenzoyl)-1,3-cyclohexanedione (NTBC), its toxicology and development as a drug.

The organochlorine herbicide chloridazon interacts with cell membranes.

Temporal stability of local lymph node assay responses to hexyl cinnamic aldehyde.

The reproductive toxicity of molinate and metabolites to the male rat: effects on testosterone and sperm morphology.

Airborne contact dermatitis from cacodylic acid.

Involvement of oxidative stress in paraquat-induced metallothionein synthesis under glutathione depletion.

Malicious paraquat poisoning in Oklahoma dogs.

Clinical experience with pendimethalin (STOMP) poisoning in Taiwan.

Dermatotoxicity of agricultural chemicals in the dorsal skin of hairless dogs.

Molinate: rodent reproductive toxicity and its relevance to humans--a review.

Testicular toxicity of molinate in the rat: metabolic activation via sulfoxidation.

Allergic contact dermatitis from ethoxymethylenemalononitrile in an agrochemical chemist.

Acute 2,4-dichlorophenoxyacetic acid intoxication in broiler chicks.

Paraquat poisoning: an experimental model of dose-dependent acute lung injury due to surfactant dysfunction.

Augmentation of allergic reactions by several pesticides.

Susceptibility to skin stinging, non-immunologic contact urticaria and acute skin irritation; is there a relationship?

Evaluation of the genotoxic properties of paraquat in V79 Chinese hamster cells.

Cytoplasmic liver cell inclusions--a typical feature of porphyria cutanea tarda--are absent in porphyria-related hepatic neoplasias.

The utility of patch tests using larger screening series of allergens.

Chloracne and morbidity after dioxin exposure (preliminary results).

A morbidity study of former pentachlorophenol-production workers.

Comparison of sex differences in guinea-pig maximization test for detection of skin-sensitizing potential using OECD recommended positive control sensitizers.

Protein-bound acrolein: potential markers for oxidative stress.

Deodorants on the European market: quantitative chemical analysis of 21 fragrances.

Analytical performance of accelerator mass spectrometry and liquid scintillation counting for detection of ¹⁴C-labeled atrazine metabolites in human urine.

Drinking patterns in genetic low-alcohol-drinking (LAD) rats after systemic cyanamide and cerebral injections of THP or 6-OHDA.

Differential role of catalase and glutathione peroxidase in cultured human fibroblasts under exposure of H₂O₂ or ultraviolet B light.

Gastric and intestinal ethanol toxicity in the rat. Effect on glutathione level and role of alcohol and acetaldehyde metabolisms.

Concentrated cresol intoxication.

Clinical morphology of sodium lauryl sulfate (SLS) and nonanoic acid (NAA) irritant patch test reactions at 48 h and 96 h in 152 subjects.

Molecular and functional aspects of the hairless (hr) gene in laboratory rodents and humans.

S 18126 ([2-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)piperazin-1-yl methyl]indan-2-yl]), a potent, selective and competitive antagonist at dopamine D₄ receptors: an in vitro and in vivo comparison with L 745,870 (3-(4-[4-chlorophenyl]piperazin-1-yl)methyl-1H-pyrrolo[2, 3b]pyridine) and raclopride.

Epidermal Langerhans cell apoptosis is induced in vivo by nonanoic acid but not by sodium lauryl sulphate.

A case-control study of occupational and environmental risk factors for Parkinson's disease in the Emilia-Romagna region of Italy.

Cardiac teratogenicity of trichloroethylene metabolites.

Alterations in the growth factor signal transduction pathways and modulators of the cell cycle in endocervical cells from macaques exposed to TCDD.

Inhibition of guinea pig skin allergic reactions by nonpeptide bradykinin B₂ receptor antagonist FR173657.

P-selectin mediates adhesion of the human melanoma cell line NKI-4: identification of glycoprotein ligands.

Benzo[a]pyrene enhances the formation of 8-hydroxy-2'-deoxyguanosine by ultraviolet A radiation in calf thymus DNA and human epidermoid carcinoma cells.

Atherosclerotic risks from chemicals: part II. A RASH analysis of in vitro and in vivo bioassay data to evaluate 45 potentially hazardous compounds.

Contact sensitivity to chromate: comparison at a London contact dermatitis clinic over a 10-year period.

Suppression of decorin expression and partial induction of anchorage-independent growth by the v-src oncogene in human fibroblasts.

Reproductive toxicity and tissue concentrations of low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin in male offspring rats exposed throughout pregnancy and lactation.

A novel dosage approach for evaluation of SMANCS [poly-(styrene-co-maleyl-half-n-butylate) - neocarzinostatin] in the treatment of primary hepatocellular carcinoma.

Oral teratogenicity studies of methyl bromide in rats and rabbits.

Respiratory and cardiovascular effects of the mu-opioid receptor agonist [Lys7]dermorphin in awake rats.

Effect of *Rehmannia glutinosa* on immediate type allergic reaction.

Interruption of estradiol signal transduction by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) through disruption of the protein phosphorylation pathway in adipose tissues from immature and mature female rats.

Epidermal growth factor protects neuronal cells in vivo and in vitro against transient forebrain ischemia- and free radical-induced injuries.

Abnormality in catalase import into peroxisomes leads to severe neurological disorder.

Plasma hydrogen peroxide production in hypertensives and normotensive subjects at genetic risk of hypertension.

Tyrosine kinase-dependent modulation of 3-hydroxy-3-methylglutaryl-CoA reductase in human breast adenocarcinoma SKBR-3 cells.

Effective utilization of erythropoietin with intravenous iron therapy.

Cancer chemopreventive and therapeutic activities of red ginseng.

Differential induction of Cyp1a1, Cyp1b1, Ahd4, and Nmo1 in murine skin tumors and adjacent normal epidermis by ligands of the aryl hydrocarbon receptor.

A27L protein mediates vaccinia virus interaction with cell surface heparan sulfate.

Activation of beta1 integrin signaling stimulates tyrosine phosphorylation of p190RhoGAP and membrane-protrusive activities at invadopodia.

Chemical warfare agents: estimating oral reference doses.

Possible role of nitric oxide in IgE-mediated allergic cutaneous reaction in mice.

Epidermal growth factor receptor as a mediator of developmental toxicity of dioxin in mouse embryonic teeth.

Adult olfactory epithelium contains multipotent progenitors that give rise to neurons and non-neural cells.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazoxybenzene (CAS No. 21232-47-3) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

Cytochrome P450 1B1: a major P450 isoenzyme in human blood monocytes and macrophage subsets.

Toxicokinetics of an environmentally relevant mixture of dioxin-like PHAHs with or without a non-dioxin-like PCB in a semi-chronic exposure study in female Sprague Dawley rats.

Effect of herbimycin A on tyrosine kinase receptors and platelet derived growth factor (PDGF)-induced signal transduction.

Unequal divisions at the third cleavage increase the number of primary mesenchyme cells in sea urchin embryos.

Differential regulation of potassium currents by FGF-1 and FGF-2 in embryonic *Xenopus laevis* myocytes.

Heparan sulfate proteoglycans control intracellular processing of bFGF in vascular smooth muscle cells.

In vivo percutaneous absorption of boric acid, borax, and disodium octaborate tetrahydrate in humans compared to in vitro absorption in human skin from infinite and finite doses.

Capillary gas chromatographic assay of camphor and m-cresol in dermatological creams.

Regulation of BMP7 expression during kidney development.

Investigations of the pathways of toxicity of methyl iodide in the rat nasal cavity.

Cytotoxic effects and induction of cytochromes P450 1A1/2 by insecticides, in hepatic or epidermal cells: binding capability to the Ah receptor.

Ah receptor, ARNT, glucocorticoid receptor, EGF receptor, EGF, TGF alpha, TGF beta 1, TGF beta 2, and TGF beta 3 expression in human embryonic palate, and effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Ultrastructural apoptotic lesions induced in rat thymocytes after borax ingestion.

Human in vivo and in vitro hydroquinone topical bioavailability, metabolism, and disposition.

Development of a model for classification of toxin-induced lesions using ¹H NMR spectroscopy of urine combined with pattern recognition.

The role of glutathione S-transferase- and cytochrome P450-dependent metabolism in the olfactory toxicity of methyl iodide in the rat.

Suppression of immunoglobulin E-mediated anaphylactic reaction by Hwanglyun-Haedok-Tang water extract.

Treatment of rats during pubertal development with 2,3,7,8-tetrachlorodibenzo-p-dioxin alters both signaling kinase activities and epidermal growth factor receptor binding in the testis and the motility and acrosomal reaction of sperm.

Characterization of glycerol uptake and glycerol kinase activity in rat hepatocytes cultured under different hormonal conditions.

A selective historical review of congener-specific human tissue measurements as sensitive and specific biomarkers of exposure to dioxins and related compounds.

Analysis of matrix protein components of the dermis-like structure formed in a long-term culture of human fibroblasts: type VI collagen is a major component.

The effects of serum iminodipeptides and prednisolone on superoxide generation and tyrosyl phosphorylation of proteins in neutrophils from a patient with prolidase deficiency.

Biological characterization of human fibroblast-derived mitogenic factors for human melanocytes.

1,N²-propanodeoxyguanosine adducts: potential new biomarkers of smoking-induced DNA damage in human oral tissue.

Comparative toxicology of borates.

In vitro percutaneous absorption of boron as boric acid, borax, and disodium octaborate tetrahydrate in human skin: a summary.

Endogenous and exogenous DNA lesions recognized by N-alkylpurine-DNA glycosylases.

Use of c-Src and c-Fos knockout mice for the studies on the role of c-Src kinase signaling in the expression of toxicity of TCDD.

Respiratory symptoms, spirometry and chronic occupational paraquat exposure.

Promotion of rat hepatocarcinogenesis by dimethylarsinic acid: association with elevated ornithine decarboxylase activity and formation of 8-hydroxydeoxyguanosine in the liver.

Unintentional fatal paraquat poisonings among agricultural workers in Costa Rica: report of 15 cases.

Cyanamide-induced granulocytopenia.

Possible carcinogenic potential of dimethylarsinic acid as assessed in rat in vivo models: a review.

Occupational allergic contact dermatitis from 2-tert-butylamino-4-cyclopropylamino-6-methylthio-1,3,5-triazine.

Characterization of risks associated with the use of molinate.

Occupational depigmentation from dinoterbe.

Effects of dichlobenil on ultrastructural morphology and cell replication in the mouse olfactory mucosa.

In vitro cytotoxic effects of 4,4'-bipyridyl on normal human keratinocytes.

Inhibition of intracellular Ca²⁺ signalling, cytotoxicity and antitumor activity of the herbicide oryzalin and its analogues.

[Ultrastructure of the kidney in paraquat-poisoned rats. Comparative study with literature data on man and animal].

Drug eruption induced by cyanamide (carbimide): a clinical and histopathologic study of 7 patients.

Comparative ³²P-postlabeling analysis of exogenous and endogenous DNA adducts in mouse skin exposed to a wood-preserving waste extract, a complex mixture of polycyclic and polychlorinated chemicals.

Comparative pharmacokinetics of [¹⁴C]metosulam (N-[2,6-dichloro-3-methylphenyl]-5,7-dimethoxy-1,2,4-triazolo[1,5a]-pyrimidine-2-sulfonamide) in rats, mice and dogs.

Inhibition of sulfotransferase affecting in vivo genotoxicity and DNA adducts induced by safrole in rat liver.

Pentachlorophenol dermal absorption and disposition from soil in swine: effects of occlusion and skin microorganism inhibition.

[Effect of activity of semicarbazide-sensitive aminooxidases and cellular glutathione on the cytotoxic effect of allylamine, acrolein, and formaldehyde in human cultured endothelial cells].

Hydrogen peroxide (H₂O₂) increases the steady-state mRNA levels of collagenase/MMP-1 in human dermal fibroblasts.

Mustard oil and garlic extract as inhibitors of sodium arsenite-induced chromosomal breaks in vivo.

Failure of monochloroacetic acid and trichloroacetic acid administered in the drinking water to produce liver cancer in male F344/N rats.

From discovery to eradication of schistosomiasis in Japan: 1847-1996.

Allergy to cocamidopropyl betaine may be due to amidoamine: a patch test and product use test study.

Evidence that singlet oxygen-induced human T helper cell apoptosis is the basic mechanism of ultraviolet-A radiation phototherapy.

Sodium arsenite disturbs mitosis and induces chromosome loss in human fibroblasts.

Promotion of enzyme altered foci in female rat 2,3,3',4,4',5-hexachlorobiphenyl.

Evidence for protein dolichylation.

FK-506 and cyclosporin A potentiate the IgE antibody production by contact sensitization with hapten in mice.

Study of the enzymatic transformation of fluorescently labeled oligosaccharides in human epidermoid cells using capillary electrophoresis with laser-induced fluorescence detection.

2,3,7,8-Tetrachlorodibenzo-p-dioxin increases mRNA levels for interleukin-1beta, urokinase plasminogen activator, and tumor necrosis factor-alpha in human uterine endometrial adenocarcinoma RL95-2 cells.

[Acute myeloblastic leukemia showing pronounced skin infiltration during administration of low-dose cytarabine and etoposide with granulocyte colony-stimulating factor].

Effects of the protein tyrosine kinase inhibitor, herbimycin A, on prolactin gene expression in GH3 and 235-1 pituitary tumor cells.

Inhibition of clastogenic effects of arsenic through continued oral administration of garlic extract in mice in vivo.

Determination of the p-monochlorophenol residue in the calcium hydroxide + P-monochlorophenol combination used as an intracanal dressing in pulpless teeth of dogs with induced chronic periapical lesion.

Cross-reaction patterns in patients with contact allergy to simple methylol phenols.

Upregulation of acidic fibroblast growth factor during development of experimental lung fibrosis.

Serum beta-carotene level, arsenic methylation capability, and incidence of skin cancer.

Activity and inducibility of drug-metabolizing enzymes in immortalized hepatocyte-like cells (mhPKT) derived from a L-PK/Tag1 transgenic mouse.

Differential vulnerability of the CA1 and CA3 subfields of the hippocampus to superoxide and hydroxyl radicals in vitro.

Promotion of endometriosis in mice by polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls.

A novel derivatization of phenol after extraction from human serum using perfluorooctanoyl chloride for gas chromatography-mass spectrometric confirmation and quantification.

Isolation of three contiguous genes, ACR1, ACR2 and ACR3, involved in resistance to arsenic compounds in the yeast *Saccharomyces cerevisiae*.

[Randomized multi-center trial of the administration of erythropoietin in anemia of prematurity].

Effect of hepatic methyl donor status on urinary excretion and DNA damage in B6C3F1 mice treated with sodium arsenite.

Spontaneous and induced sister chromatid exchanges and delayed cell proliferation in peripheral lymphocytes of Bowen's disease patients and matched controls of arseniasis-hyperendemic villages in Taiwan.

Cytogenetic effects in human exposure to arsenic.

Arsenic can mediate skin neoplasia by chronic stimulation of keratinocyte-derived growth factors.

Carcinogenic polycyclic aromatic hydrocarbons increase intracellular Ca²⁺ and cell proliferation in primary human mammary epithelial cells.

Downregulation of aryl hydrocarbon receptor function and cytochrome P450 1A1 induction by expression of Ha-ras oncogenes.

Mortality among Army Chemical Corps Vietnam veterans.

Altered in vivo toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C-SRC deficient mice.

Hyporesponsiveness of inflamed human gingival fibroblasts from patients with chronic periodontal diseases against cell surface components of *Porphyromonas gingivalis*.

Some peculiarities of hepatobiliary diseases in Vietnam.

Role of cytochrome P450 enzyme induction in the metabolic activation of benzo[c]phenanthrene in human cell lines and mouse epidermis.

Mechanism of inhibition of MDA-MB-468 breast cancer cell growth by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Cell adhesion molecules and insulin-like growth factor-1 in vascular disease.

Tyrosine kinase signaling pathways control the expression of retinoic acid receptor-alpha in SK-BR-3 breast cancer cells.

Skin reactions to pesticides.

Activation of mitogenic signaling by endothelin 1 in ovarian carcinoma cells.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) affects keratin 1 and keratin 17 gene expression and differentially induces keratinization in hairless mouse skin.

Selected other effects and TEFs.

Acute work-related poisoning by pesticides in The Netherlands; a one year follow-up study.

Regulation of the release of tumour necrosis factor (TNF)alpha and soluble TNF receptor by gamma irradiation and interferon gamma in Ewing's sarcoma/peripheral primitive neuroectodermal tumour cells.

Altered profile of urinary arsenic metabolites in adults with chronic arsenicism. A pilot study.

Continuous exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin inhibits the growth of surgically induced endometriosis in the ovariectomized mouse treated with high dose estradiol.

Early life stage toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish (*Danio rerio*).

Dose-response relationships for polyhalogenated dioxins and dibenzofurans following subchronic treatment in mice. I. CYP1A1 and CYP1A2 enzyme activity in liver, lung, and skin.

Inhibitory effects of genistein on ATP-sensitive K⁺ channels in rabbit portal vein smooth muscle.

Odorant threshold following methyl bromide-induced lesions of the olfactory epithelium.

[Activation of skin cells by inorganic compounds].

Percutaneous penetration of 2-phenoxyethanol through rat and human skin.

There is temporal and spatial expression of alpha1 (IV), alpha2 (IV), alpha5 (IV), alpha6 (IV) collagen chains and beta1 integrins during the development of the basal lamina in an "in vitro" skin model.

Singlet oxygen is an early intermediate in cytokine-dependent ultraviolet-A induction of interstitial collagenase in human dermal fibroblasts in vitro.

In vitro dermal absorption of two commercial formulations of 2,4-dichlorophenoxyacetic acid dimethylamine (2,4-D amine) in rat, guinea pig and human skin.

Comparative biochemical analysis of sea urchin peristome and rat tail tendon collagen.

Singlet oxygen mediates the activation of JNK by UVA radiation in human skin fibroblasts.

Mobilization of iron from neoplastic cells by some iron chelators is an energy-dependent process.

Effects of TCDD on Ah receptor, ARNT, EGF, and TGF-alpha expression in embryonic mouse urinary tract.

Interleukin-2 increases intracellular glutathione levels and reverses the growth inhibiting effects of cyclophosphamide on B16 melanoma cells.

Inflammatory damage to skin by prolonged contact with 1,2-dichlorobenzene and chloropentafluorobenzene.

Effect of cell density and epidermal growth factor on the inducible expression of CYP3A and CYP1A genes in human hepatocytes in primary culture.

Can skin cancer in humans be prevented by alleviation of oxidative stress?

Cytochrome P450 isoenzyme activities in cultured rat and mouse liver slices.

Correlation of 2,3,7,8-tetrachlorodibenzo-p-dioxin induction of cytochrome P4501A in vascular endothelium with toxicity in early life stages of lake trout.

Increase of glycocalyx and altered lectin agglutination profiles of *Pasteurella haemolytica* A1 after incubation in bovine subcutaneous tissue chambers in vivo or in ruminant serum in vitro.

Effects of acute and chronic arsenic exposure of human-derived keratinocytes in an In Vitro human skin equivalent system: a novel model of human arsenicism.

Cryptic gonadotropin-releasing hormone receptors of rat pituitary cells in culture are unmasked by epidermal growth factor.

Nitric oxide decreases intestinal haemorrhagic lesions in rat anaphylaxis independently of mast cell activation.

[Urinary sulfates as a biologic indicator of exposure to methylsulfate compounds in manufacture of sulfate cellulose].

An assessment of boric acid and borax using the IEHR Evaluative Process for Assessing Human Developmental and Reproductive Toxicity of Agents. Expert Scientific Committee.

[Lesions of the tracheobronchial tree after the aspiration of a tablet of ferrous sulfate].

Selected lesions of dioxin in laboratory rodents.

Allergic contact dermatitis from norflurazon (Predict).

Cross-reactions in patch testing and photopatch testing with ketoprofen, thiaprophenic acid, and cinnamic aldehyde.

Histological changes in rat embryonic blood cells as a possible mechanism for ventricular septal defects produced by an N-phenylimide herbicide.

Promoting effects of dimethylarsinic acid on N-butyl-N-(4-hydroxybutyl)nitrosamine-induced urinary bladder carcinogenesis in rats.

In vivo percutaneous absorption of acetochlor in the rhesus monkey: dose-response and exposure risk assessment.

Subchronic, developmental, and genetic toxicology studies with the ethane sulfonate metabolite of alachlor.

Acute, subchronic and chronic 2,4-dichlorophenoxyacetic acid (2,4-D) intoxication in rats.

Photodermatitis from plant derivatives in topical and oral medicaments.

Experimental ureterohydronephrosis in fetal rats.

In vitro percutaneous absorption of model compounds glyphosate and malathion from cotton fabric into and through human skin.

Effect of soil loading on dermal absorption efficiency from contaminated soils.

Threshold responses in cinnamic-aldehyde-sensitive subjects: results and methodological aspects.

Effects of paraquat on the substantia nigra of the wistar rats: neurochemical, histological, and behavioral studies.

Overexpression of a Rrp1 transgene reduces the somatic mutation and recombination frequency induced by oxidative DNA damage in *Drosophila melanogaster*.

Detection of 1, N2-propanodeoxyguanosine adducts as potential endogenous DNA lesions in rodent and human tissues.

Developmental and dysmorphogenic effects of glufosinate ammonium on mouse embryos in culture.

DNA damage induced in mouse tissues by organic wood preserving waste extracts as assayed by 32P-postlabeling.

Characterization of olfactory deficits in the rat following administration of 2,6-dichlorobenzonitrile (dichlobenil), 3,3'-iminodipropionitrile, or methimazole.

Inhibition of glutathione S-transferase activity in human melanoma cells by alpha,beta-unsaturated carbonyl derivatives. Effects of acrolein, cinnamaldehyde, citral, crotonaldehyde, curcumin, ethacrynic acid, and trans-2-hexenal.

An interlaboratory evaluation of the Buehler test for the identification and classification of skin sensitizers.

The area postrema is involved in paraquat-induced conditioned aversion behavior and neuroendocrine activation of the hypothalamic-pituitary-adrenal axis.

Cancer incidence in the rural community of Tecumseh, Michigan: a pattern of increased lymphopoietic neoplasms.

A maternal requirement for glutamine synthetase I for the mitotic cycles of syncytial *Drosophila* embryos.

Identification of a novel growth-promoting factor with a wide target cell spectrum from various tumor cells as catalase.

Assessment of the biochemical effects of percutaneous exposure of sulphur mustard in an in vitro human skin system.

Percutaneous absorption of 2,4-dichlorophenoxyacetic acid from soil with respect to soil load and skin contact time: in vivo absorption in rhesus monkey and in vitro absorption in human skin.

Oxidative DNA lesions in V79 cells mediated by pentachlorophenol metabolites.

Different pathways in irritant contact eczema? Early differences in the epidermal elemental content and expression of cytokines after application of 2 different irritants.

Methyl iodide poisoning: report of two cases.

Retinoic acid affects the expression rate of the differentiation-related genes aryl hydrocarbon receptor, ARNT and keratin 4 in proliferative keratinocytes only.

12-Lipoxygenase in A431 cells: genetic identity, modulation of expression, and intracellular localization.

150-kD oxygen-regulated protein is expressed in human atherosclerotic plaques and allows mononuclear phagocytes to withstand cellular stress on exposure to hypoxia and modified low density lipoprotein.

Arsenic induces interleukin-8 expression in cultured keratinocytes.

Photosensitization of uroporphyrin augments the ultraviolet A-induced synthesis of matrix metalloproteinases in human dermal fibroblasts.

Contribution of oxygen-sensitive neurons of the rostral ventrolateral medulla to hypoxic cerebral vasodilatation in the rat.

[The perioperative use of recombinant erythropoietin (rhEPO) in Jehovah's witnesses].

Chromium allergy in consecutive patients in a country where ferrous sulfate has been added to cement since 1981.

Disturbed host defense in peritoneal cavity during CAPD: characterization of responsible factors in dwell fluid.

In ovo 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in three avian species. 1. Effects on thyroid hormones and growth during the perinatal period.

An effect of K-ras gene mutation on epidermal growth factor receptor signal transduction in PANC-1 pancreatic carcinoma cells.

Herbimycin A, a tyrosine kinase inhibitor, impairs hypercalcemia associated with a human squamous cancer producing interleukin-6 in nude mice.

[Occupational asthma in an agricultural setting].

Synthesis, characterization, and immunological properties in mice of conjugates composed of detoxified lipopolysaccharide of *Salmonella paratyphi* A bound to tetanus toxoid with emphasis on the role of O acetyls.

Target cell-induced apoptosis of interleukin-2-activated human natural killer cells: roles of cell surface molecules and intracellular events.

Chemical exposures, medical history, and risk of squamous and basal cell carcinoma of the skin.

Osteopontin activation of c-src in human melanoma cells requires the cytoplasmic domain of the integrin alpha v-subunit.

Modeling the number and size of hepatic focal lesions following exposure to 2,3,7,8-TCDD.

Exogenous catalase may potentiate oxidant-mediated lung injury in the female Sprague-Dawley rat.

Cells in vivo and in vitro from osteopetrotic mice homozygous for c-src disruption show suppression of synthesis of osteopontin, a multifunctional extracellular matrix protein.

Circulating interleukin-2 receptors are a group of multimeric proteins with immunoreactivity for interleukin-2 receptor alpha, beta, and gamma chains.

Synthesis of [11C-methyl]-alpha-aminoisobutyric acid (AIB).

Subcutaneous epoetin alfa as an adjunct to autologous blood donation before elective coronary artery bypass graft surgery.

Perisurgical use of epoetin alfa in orthopedic surgery patients.

Potential of epoetin alfa in patients in autologous blood donation programs for orthopedic surgery.

Genoprotection by UDP-glucuronosyltransferases in peroxidase-dependent, reactive oxygen species-mediated micronucleus initiation by the carcinogens 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone and benzo[a]pyrene.

Isolation and characterization of variant benzo[a]pyrene-resistant T47D human breast-cancer cells.

Different mechanisms are responsible for c-jun mRNA induction by cisplatin and ultraviolet light.

Supernumerary lumbar rib: manifestation of basic alteration in embryonic development of ribs.

Correlation of impedance response patterns to histological findings in irritant skin reactions induced by various surfactants.

Safety assessment based on irrelevant toxicologic data: an extraordinary case of bromomethane used as a fumigant.

Balloon angioplasty significantly increases collagen content but does not alter collagen subtype I/III ratios in the atherosclerotic rabbit iliac model.

Effects of tyrosine kinase inhibitors on the proliferation of human breast cancer cell lines and proteins important in the ras signaling pathway.

Energy-ubiquitin-dependent muscle proteolysis during sepsis in rats is regulated by glucocorticoids.

Arsenite, but not cadmium, induces ornithine decarboxylase and heme oxygenase activity in rat liver: relevance to arsenic carcinogenesis.

Curcumin induces apoptosis in immortalized NIH 3T3 and malignant cancer cell lines.

Splice site mutation causing deletion of exon 21 sequences from the pro alpha 2(I) chain of type I collagen in a patient with severe dentinogenesis imperfecta but very mild osteogenesis imperfecta.

Cancers of skin, bone, connective tissues, brain, eye, thyroid and other specified and unspecified sites in Inuit.

Addition of ferrous sulfate to cement and risk of chromium dermatitis among construction workers.

Mutation in the carboxy-terminal propeptide of the Pro alpha 1(I) chain of type I collagen in a child with severe osteogenesis imperfecta (OI type III): possible implications for protein folding.

Type II collagen-induced autoimmune ear disease in mice: a preliminary report on an epitope of the type II collagen molecule that induced inner ear lesions.

Characterization of the M(r) 65,000 lymphokine-activated killer proteins phosphorylated after tumor target binding: evidence that pp65a and pp65b are phosphorylated forms of L-plastin.

Pharmacokinetic model of dioxin and furan levels in adipose tissue from sawmill work involving chlorophenolate fungicides.

Immunoaffinity chromatographic purification of cellobiohydrolase II mutants from recombinant trichoderma reesei strains devoid of major endoglucanase genes.

Evidence that fibroblast growth factors 1 and 4 participate in regulation of cardiogenesis.

Binding of tissue factor pathway inhibitor to cultured endothelial cells-influence of glycosaminoglycans.

Inducibility of cytochromes P-450 by dioxin in liver and extrahepatic tissues of the marmoset monkey (*Callithrix jacchus*).

Mechanism of toxic action of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in cultured human luteinized granulosa cells.

Assessment of aspects of the toxicity of *Clostridium perfringens* epsilon-toxin using the MDCK cell line.

Degradation of cross-linked fibrin by matrix metalloproteinase 3 (stromelysin 1): hydrolysis of the gamma Gly 404-Ala 405 peptide bond.

Mutagenic responses of L5178Y mouse cells at the tk and hpert loci.

The fifth epidermal growth factor-like domain of thrombomodulin does not have an epidermal growth factor-like disulfide bonding pattern.

Somatic embryogenesis and plant regeneration in *Sorghum bicolor* (L.) Moench.

Bipyridyl dihydrochloride inhibits tumor necrosis factor- α secretion by human keratinocytes on ultraviolet irradiation.

Aryl-hydrocarbon receptor-deficient mice are resistant to 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced toxicity.

Differential regulation of mouse Ah receptor gene expression in cell lines of different tissue origins.

Efficient tissue repair underlies the resiliency of postnatally developing rats to chlordecone + CCl₄ hepatotoxicity.

Fibroblast growth factor-2 stimulates embryonic cardiac mesenchymal cell proliferation.

Lipopolysaccharide inhibits in vitro luteinizing hormone-stimulated rat ovarian granulosa cell estradiol but not progesterone secretion.

Chronic in vivo sodium azide infusion induces selective and stable inhibition of cytochrome c oxidase.

Polychlorinated dibenzo-p-dioxins and dibenzofurans via mother's milk may cause developmental defects in the child's teeth.

Purification and partial characterization of the Cu,Zn superoxide dismutase from the dermatophyte *Trichophyton mentagrophytes* var. *interdigitale*.

Comparison of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) disposition following pulmonary, oral, dermal, and parenteral exposures to rats.

Differences in binding of epidermal growth factor to liver membranes of TCDD-resistant and TCDD-sensitive rats after a single dose of TCDD.

Diallyl disulfide induces apoptosis of human colon tumor cells.

Influence of liver tumor promoters on apoptosis in rat hepatocytes induced by 2-acetylaminofluorene, ultraviolet light, or transforming growth factor beta 1.

Mammalian plasma and tissue-bound semicarbazide-sensitive amine oxidases: biochemical, pharmacological and toxicological aspects.

Arsenic-copper interaction in the kidney of the rat: influence of arsenic metabolites.

TNF- α participates in an IgE-mediated cutaneous reaction in mast cell deficient, WBB6F1-W/W^v mice.

Differential ability of 2,4-dinitrophenol to modulate etoposide cytotoxicity in mammalian tumor cell lines associated with inhibition of macromolecular synthesis.

Growth modulation of hepatocytes and rat liver epithelial cells (WB-F344) by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Changes in taurine as an indicator of hepatic dysfunction and biochemical perturbations. Studies in vivo and in vitro.

Lichen acids as uncouplers of oxidative phosphorylation of mouse-liver mitochondria.

Monomeric chemically modified allergens: immunologic and physicochemical characterization.

Effect of arsenic and cadmium on the persistence of mutagen-induced DNA lesions in human cells.

Handwipe sampling and analysis procedure for the measurement of dermal contact with pesticides.

A mechanistic model of effects of dioxin on thyroid hormones in the rat.

Involvement of wound-associated factors in rat brain astrocyte migratory response to axonal injury: in vitro simulation.

Tissue distribution after a single subcutaneous administration of 2,3,7,8-tetrabromodibenzo-p-dioxin in comparison with toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Wistar rats.

Modulation of chemical-induced lung and liver toxicity by all-trans-retinol in the male Sprague-Dawley rat.

[Paraquat-induced acute dermatitis in a child after playing with a discarded container].

Patch testing with fragrances: results of a multicenter study of the European Environmental and Contact Dermatitis Research Group with 48 frequently used constituents of perfumes.

[Eating cinnamon in cinnamaldehyde allergy].

Risk factors for occupational illnesses associated with the use of paraquat (1,1'-dimethyl-4,4'-bipyridylium dichloride) in California.

The role of free radicals in paraquat-induced corneal lesions.

Photodamage and skin cancer among paraquat workers.

Induction of 8-hydroxy-2-deoxyguanosine and single-strand breaks in DNA of V79 cells by tetrachloro-p-hydroquinone.

Developmental toxicity and structure-activity relationships of chlorophenols using human embryonic palatal mesenchymal cells.

Toxicity of cotoran (fluometuron) in Desert sheep.

Olfactory toxicity of diethyldithiocarbamate (DDTC) and disulfiram and the protective effect of DDTC against the olfactory toxicity of dichlobenil.

Cancer induction by an organic arsenic compound, dimethylarsinic acid (cacodylic acid), in F344/DuCrj rats after pretreatment with five carcinogens.

[Retrospective study of the morbidity in a group occupationally exposed to chlorotriazine herbicides: preliminary results].

Fate and effects of acrolein.

Mixed diquat/paraquat-induced burns.

Survival in a case of massive paraquat ingestion.

Pulmonary damage due to paraquat poisoning through skin absorption.

Contact allergy to cinnamic aldehyde and cinnamic alcohol in *Olea europaea*.

The guinea pig maximization test--with a multiple dose design.

Biological monitoring of commercial pesticide applicators for urine metabolites of the herbicide alachlor.

Further evidence that the blood/brain barrier impedes paraquat entry into the brain.

Protective effects of prostaglandin E2 on the paraquat-induced constriction of the fetal ductus arteriosus in the rat.

Review of the interaction between TCDD and glucocorticoids in embryonic palate.

Type 1 collagen synthesis by skin fibroblasts from 17 patients with osteogenesis imperfecta type III.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced anorexia and wasting syndrome in rats: aggravation after ventromedial hypothalamic lesion.

Induction of the 72-kD heat shock protein in human skin melanoma and squamous cell carcinoma cell lines.

Skin irritation in man: a comparative bioengineering study using improved reflectance spectroscopy.

Anti-collagen antibodies in systemic sclerosis and in primary Raynaud's phenomenon.

Persistence of TCDD-induced hepatic cell proliferation and growth of enzyme altered foci after chronic exposure followed by cessation of treatment in DEN initiated female rats.

Differential response of normal and HPV immortalized ectocervical epithelial cells to B[a]P.

Inhibition of the oncogene product p185erbB-2 in vitro and in vivo by geldanamycin and dihydrogeldanamycin derivatives.

2,3,7,8-Tetrachlorodibenzo-p-dioxin sensitization of cultured human epidermal cells to carcinogenic heterocyclic amine toxicity.

Expression of cytokine mRNA in human melanoma tissues.

Ligand-dependent and -independent activation of the transcription factor gamma RF-1 in a cell-free system.

Biochemical mechanisms and cancer risk assessment models for dioxin.

Reconstitution of the rat olfactory epithelium after methyl bromide-induced lesion.

Physiological and histological recovery of the olfactory mucosa of the frog after a dichlobenil injection.

Distribution of microsomal epoxide hydrolase and glutathione S-transferase in the rat olfactory mucosa: relevance to distribution of lesions caused by systemically-administered olfactory toxicants.

Serum erythropoietin levels in patients with severe anemia secondary to inflammatory bowel disease and the use of recombinant human erythropoietin in patients with anemia refractory to treatment.

H-ras oncogene mutation spectra in B6C3F1 and C57BL/6 mouse liver tumors provide evidence for TCDD promotion of spontaneous and vinyl carbamate-initiated liver cells.

Type I collagen biosynthesis by skin fibroblasts from patients with idiopathic juvenile osteoporosis.

Immunomodulatory effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin tested by the popliteal lymph node assay.

Accidental fatal monochloroacetic acid poisoning.

Triclosan inhibits histamine-induced inflammation in human skin.

Spreading and focal contact formation of human melanoma cells in response to the stimulation of both melanoma-associated proteoglycan (NG2) and alpha 4 beta 1 integrin.

Alpha-subunit of beta-conglycinin, an allergenic protein recognized by IgE antibodies of soybean-sensitive patients with atopic dermatitis.

Hepatic microsomal ethoxyresorufin O-deethylase-inducing potency in ovo and cytosolic Ah receptor binding affinity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: comparison of four avian species.

Identity and pathogenesis of stomach tumors in Sprague-Dawley rats associated with the dietary administration of butachlor.

Protection of UV-radiation induced skin toxicity by reactive oxygen scavengers.

Localization of porcine cardiac myosin epitopes that induce experimental autoimmune myocarditis.

Irritant dermatitis among workers cleaning up a pesticide spill: California 1991.

Workers' response to risk notification.

[Multiple palmoplantar keratoses, basalomas and porocarcinomas after arsenic therapy].

Resistance of melanoma cell lines to interferons correlates with reduction of IFN-induced tyrosine phosphorylation. Induction of the anti-viral state by IFN is prevented by tyrosine kinase inhibitors.

Expression of de-N-acetyl-gangliosides in human melanoma cells is induced by genistein or nocodazole.

Reconstitution of TCR alpha-chain expression in deletion mutants restores dinitrophenyl-specific/class I MHC-restricted suppressor molecule production.

Activation of casein kinase II in ML-1 human myeloblastic leukemia cells requires IGF-1 and transferrin.

The adverse effects of long-term cassava (*Manihot esculenta* Crantz) consumption.

Effects of inhalative exposure to dioxins in wood preservatives on cell-mediated immunity in day-care center teachers.

Embryonic cell death patterns associated with nitrofen-induced congenital diaphragmatic hernia.

Effect of epidermal growth factor on cadherin-mediated adhesion in a human oesophageal cancer cell line.

A morphological study of liver lesions in *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) with special reference to apoptosis of hepatocytes.

Image processing of 20 MHz B-scan recordings of irritant reactions.

[Medical and biological aspects of the dioxin problem].

Sodium arsenite induces chromosome endoreduplication and inhibits protein phosphatase activity in human fibroblasts.

Induction of preneoplastic lesions by sodium arsenite in human fetal respiratory epithelia in organ culture.

The importance of pharmacokinetics in determining the relative potency of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,7,8-tetrachlorodibenzofuran.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits DNA synthesis in rat primary hepatocytes.

An attempt to explain interindividual variability in 24-h urinary excretion of inorganic arsenic metabolites by C57 BL/6J mice.

Alkylating agents induce UVM, a *recA*-independent inducible mutagenic phenomenon in *Escherichia coli*.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) to the human thymus after implantation in SCID mice.

Effects of monoisoamyl meso-2,3-dimercaptosuccinate on arsenite-induced maternal and developmental toxicity in mice.

Immunochemical characterization of recombinant and native tropomyosins as a new allergen from the house dust mite, *Dermatophagoides farinae*.

Glutathione S-transferase 8-8 is localized in smooth muscle cells of rat aorta and is induced in an experimental model of atherosclerosis.

Temperature regulation and metabolism in rats exposed perinatally to dioxin: permanent change in regulated body temperature?

A new method for estimating dermal absorption from chemical exposure. 3. Compared with steady-state methods for prediction and data analysis.

A stereotypic, transplantable liver tissue-culture system.

TCDD reduces rat hepatic epidermal growth factor receptor: comparison of binding, immunodetection, and autophosphorylation.

Ethanol ingestion on allylamine-induced experimental subendocardial fibrosis.

Chronic UVB- and all-trans retinoic-acid-induced qualitative and quantitative changes in hairless mouse skin.

Metaanalysis of 4 Swedish case-control studies on exposure to pesticides as risk-factor for soft-tissue sarcoma including the relation to tumor-localization and histopathological type.

A human erythrocyte-derived growth-promoting factor with a wide target cell spectrum: identification as catalase.

Estimating skin permeation. The validation of five mathematical skin permeation models.

Indices of TCDD exposure and TCDD body burden in veterans of Operation Ranch Hand.

Oxidation and reduction of cytochrome c by mitochondrial enzymes of *Setaria cervi*.

Workshop on perinatal exposure to dioxin-like compounds. VI. Role of biomarkers.

[Morphologic characteristics of the thymus in pregnant and newborn mice exposed to sodium arsenite].

Dose-response relationships of tissue distribution and induction of CYP1A1 and CYP1A2 enzymatic activities following acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice.

Arsenic increased lipid peroxidation in rat tissues by a mechanism independent of glutathione levels.

CYP1 induction, binding to the hepatic aromatic hydrocarbon receptor and mutagenicity of a series of 11-alkoxy cyclopenta[a]phenanthren-17-ones: a structure activity relationship.

Effect of aluminum and lead salts on lipid peroxidation and cell survival in human skin fibroblasts.

Toxicology of methyl bromide.

Selective increase of rat lung cytochrome P450 1A1 dependent monooxygenase activity after acute sodium arsenite administration.

Interactive effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and retinoids on proliferation and differentiation in cultured human keratinocytes: quantification of cross-linked envelope formation.

Allergic contact dermatitis from the herbicides trifluralin and benefin.

Sclerodermatous syndrome after occupational exposure to herbicides--response to systemic steroids.

Allergic contact dermatitis from cyanamide: report of 3 cases.

Arsenic-related Bowen's disease and paraquat-related skin cancerous lesions show no detectable ras and p53 gene alterations.

Nephrotoxicity and hepatotoxicity of 5,6-dichloro-4-thia-5-hexenoic acid: evidence for fatty acid beta-oxidation-dependent bioactivation.

Contact urticaria from cinnamic aldehyde and benzaldehyde in a confectioner.

[Pathologic characteristics of diffuse alveolar damage induced by paraquat in rat lungs].

Paraquat poisoning by skin absorption: report of two cases.

Constrictive effects of paraquat on the ductus arteriosus in fetal rats.

Remodeling of the alveolar structure in the paraquat lung of humans: a morphometric study.

Olfactory toxicity resulting from dermal application of 2,6-dichlorobenzonitrile (dichlobenil) in the C57Bl mouse.

Evaluation of ocular health among alachlor manufacturing workers.

[Allergic diseases caused by pesticides: 3 case reports].

Diagnosis and treatment of soft tissue sarcomas in adults.

Substituted ureas.

Pathobiological effects of acetaldehyde in cultured human epithelial cells and fibroblasts.

A ³²P-postlabeling method for simultaneous detection and quantification of exocyclic etheno and propano adducts in DNA.

Bilateral spontaneous pneumothoraces, pneumopericardium, pneumomediastinum, and subcutaneous emphysema: a rare presentation of paraquat intoxication.

Chloracne, palmoplantar keratoderma and localized scleroderma in a weed sprayer.

Effect of ethanol on paraquat toxicity in F344 rats.

Acrolein genotoxicity in *Drosophila melanogaster*. II. Influence of mus201 and mus308 mutations.

Patch testing with fragrance mix and its constituents in a Hungarian population.

Experimental metolachlor toxicosis in Nubian goats in the Sudan.

Histochemical demonstration of hydrogen peroxide production by leukocytes in fixed-frozen tissue sections of inflammatory lesions.

A survey of actinic keratoses among paraquat production workers and a nonexposed friend reference group.

The pentachlorophenol metabolite tetrachloro-p-hydroquinone induces the formation of 8-hydroxy-2-deoxyguanosine in liver DNA of male B6C3F1 mice.

Detection of exocyclic 1,N2-propanodeoxyguanosine adducts as common DNA lesions in rodents and humans.

The predictive accuracy of in vitro measurements for the dermal absorption of a lipophilic penetrant (fluazifop-butyl) through rat and human skin.

Effect of dosing vehicle on the dermal absorption of fluazifop-butyl and fomesafen in rats in vivo.

Identification of nondisulfided pro alpha 1 (IV) chain produced by cultured B16 melanoma cells.

Menière's disease: role of antibodies against basement membrane antigens.

Therapy with recombinant human erythropoietin in patients with myelodysplastic syndromes.

Extracellular matrix remodeling after balloon angioplasty injury in a rabbit model of restenosis.

In vitro phototoxic activities of new quinolone antibacterial agents: lipid peroxidative potentials.

Reaction of inflamed periapical tissue to intracanal medicaments and root canal sealers.

Echographic evaluation with image analysis of irritant reactions induced by nonanoic acid and hydrochloric acid.

Modulation of nucleocytosolic $[Ca^{2+}]$ gradient in smooth muscle by protein phosphorylation.

Contact sensitization induces proliferation of heterogeneous populations of hapten-specific T cells.

Study of the effector mechanism involved in the production of haemorrhagic necrosis of the small intestine in rat passive anaphylaxis.

Radiographic and microbiologic evaluation of posttreatment apical and periapical repair of root canals of dogs' teeth with experimentally induced chronic lesion.

Morbidity follow up study of BASF employees exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) after a 1953 chemical reactor incident.

Accelerated degradation of 160 kDa epidermal growth factor (EGF) receptor precursor by the tyrosine kinase inhibitor herbimycin A in the endoplasmic reticulum of A431 human epidermoid carcinoma cells.

Conversion of epidermal growth factor (EGF) into a stimulatory ligand for A431-cell growth by herbimycin A by decreasing the level of expression of EGF receptor.

Chloracne. Some recent issues.

Treatment of deeply infiltrating endometriosis.

Effects of 2,3,7,8-tetrachloro- and 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin on the proliferation of preneoplastic liver cells in the rat.

Coxsackievirus B3 infection alters the uptake of 2,3,7,8-tetrachlorodibenzo-p-dioxin into various tissues of the mouse.

Substitution of an aspartic acid for glycine 700 in the alpha 2(I) chain of type I collagen in a recurrent lethal type II osteogenesis imperfecta dramatically affects the mineralization of bone.

Failure of recombinant human interleukin-3 therapy to induce erythropoiesis in patients with refractory Diamond-Blackfan anemia.

Post mortem diagnosis of *Mycobacterium bovis* infection in cattle.

[The mechanism of articular cartilage degeneration in osteoarthritis].

Substitution of cysteine for glycine-946 in the alpha 1(I) chain of type I procollagen causes lethal osteogenesis imperfecta.

Co-expression of human CYP1A1 and a human analog of cytochrome P450-EF in response to 2,3,7,8-tetrachloro-dibenzo-p-dioxin in the human mammary carcinoma-derived MCF-7 cells.

PCB and dioxin re-entry criteria for building surfaces and air.

Clofazimine alters the energy metabolism and inhibits the growth rate of a human lung-cancer cell line in vitro and in vivo.

Promotion of preneoplastic foci in rat liver with 2,3,7,8-tetrachlorodibenzo-p-dioxin, 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin and a defined mixture of 49 polychlorinated dibenzo-p-dioxins.

On the formation of neuromata in the primary olfactory projection.

Modulating effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on skin carcinogenesis initiated by the weak inducer 7,12-dimethylbenz(a)anthracene.

2,3,7,8-Tetrachlorodibenzo-p-dioxin as growth modulator in mouse hepatocytes with high and low affinity Ah receptor.

Dose-response relationship in multistage carcinogenesis: promoters.

Multiple mechanisms are responsible for altered expression of gap junction genes during oncogenesis in rat liver.

Porphyrin studies in TCDD-exposed workers.

Rat fibrosarcoma as a source of stable co-polymer of type I and type III collagens.

The hr locus and the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in newborn mice.

In vitro dermal absorption of pesticides: V. In vivo and in vitro comparison of the herbicide 2,4-dichlorophenoxyacetic acid in rat, guinea pig, pig, human and tissue-cultured skin.

NTP Toxicology and Carcinogenesis Studies of 4,4'-Thiobis(6-*t*-butyl-*m*-cresol) (CAS No. 96-69-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Retroviral lineage studies of the rat olfactory epithelium.

Plant biochemistry of xenobiotics: isolation and characterization of a soybean O-glucosyltransferase of DDT metabolism.

Influence of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on TNF-alpha levels in the skin of congenic haired and hairless mice.

Olfactory mucosal lesions in F344 rats following inhalation exposure to pyridine at threshold limit value concentrations.

Identification of a biochemical lesion, and characteristic response to lipopolysaccharide (LPS) of a cultured macrophage-like cell mutant with defective LPS-binding.

Vehicle effects on in vitro percutaneous absorption through rat and human skin.

Systemic or local administration of azide produces striatal lesions by an energy impairment-induced excitotoxic mechanism.

In vitro tape stripping as a model for in vivo skin stripping.

Pathological findings in rabbits and sheep following the subacute administration of triphenyltin acetate.

Differences in indirect risk methodologies: dioxin emissions from combustion facilities.

Identification of regions of bovine factor VII essential for binding to tissue factor.

Potential of bleomycin cytotoxicity in *Saccharomyces cerevisiae*.

Two collagen-binding proteins, osteonectin and HSP47, are coordinately induced in transformed keratinocytes by heat and other stresses.

Cross-linking of dermal collagen induced by singlet oxygen.

UV-dependent quinolone-induced human erythrocyte membrane lipid peroxidation: studies on the phototoxicity of Y-26611, a new quinolone derivative.

Effects of oxidative stress on expression of extracellular superoxide dismutase, CuZn-superoxide dismutase and Mn-superoxide dismutase in human dermal fibroblasts.

Crosslinked CNBr-activated hyaluronan-collagen matrices: effects on fibroblast contraction.

Identity of the core proteins of the large chondroitin sulphate proteoglycans synthesized by skeletal muscle and prechondrogenic mesenchyme.

A simple method for screening assessment of skin and eye irritation.

NTP Toxicology and Carcinogenesis Studies of o-Benzyl-p-Chlorophenol (CAS No. 120-32-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Dose-response relationships in mice following subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: CYP1A1, CYP1A2, estrogen receptor, and protein tyrosine phosphorylation.

Lipid peroxidation and oxidative stress during acute allylamine-induced cardiovascular toxicity.

A physiologically based mathematical model of dermal absorption in man.

Electron microscopic and molecular characterization of turnip vein-clearing virus.

Dioxin-enhanced expression of interleukin-1 beta in human epidermal keratinocytes: potential role in the modulation of immune and inflammatory responses.

[The place of pentachlorophenol in general medicinal practice].

Effects of 2-[1-(ethoxyimino)propyl]-3-hydroxy-5-(2,4,6-trimethylphenyl) cyclohex-2-enone on hepatic haem biosynthesis: species differences in hepatic porphyria.

Human pentachlorophenol poisoning.

Hepatic alterations in experimental paraquat intoxication.

Skin symptoms among workers in a spice factory.

Phototoxic contact dermatitis with toxic hepatitis due to the percutaneous absorption of paraquat.

Histometric changes in connective fibers of the lung following paraquat administration in rats.

The genotoxicity of the waste water discharged from paraquat manufacturing and its pyridyl components.

Herbicides to curb human parasitic infections: in vitro and in vivo effects of trifluralin on the trypanosomatid protozoans.

Paraquat.

Immunohistochemical localization of paraquat in skin and eye of rat.

Thiol status and cytopathological effects of acrolein in normal and xeroderma pigmentosum skin fibroblasts.

Haemotoxic effect of phenylurea herbicides in rats: role of haemoglobin-adduct formation in splenic toxicity.

An epidemiological study of the health of Sri Lankan tea plantation workers associated with long term exposure to paraquat.

Results with OECD recommended positive control sensitizers in the maximization, Buehler and local lymph node assays.

Allergic contact dermatitis from the herbicide Alachlor.

Renal lesions induced in F344/DuCrj rats by 4-weeks oral administration of dimethylarsinic acid.

Ocular injury caused by Preeglox-L, a herbicide containing paraquat, diquat and surfactants.

The effect of paraquat on the radiosensitivity of melanoma cells: the role of superoxide dismutase & catalase.

Production of transgenic mice expressing the Ki-ras oncogene under the control of a thyroglobulin promoter.

Paraquat-induced lung injury: prevention by vasoactive intestinal peptide and related peptide helodermin.

Lung growth and maturation in the rat model of experimentally induced congenital diaphragmatic hernia.

Hydrogen peroxide as an inducer of elevated tyrosinase level in melanoma cells.

Markers of occupational exposure to pentachlorophenol.

Absorption and metabolism of 2-chloro-2,6-diethyl-N-(butoxymethyl)acetanilide (butachlor) in human skin in vitro.

[Biological monitoring of workers exposed to nitrofen and experimental study on its skin permeability].

Failure of the 5-HT₂ receptor antagonist, ritanserin, to alter preference for alcohol in drinking rats.

Modelling dermal pharmacokinetics using in vitro data. Part II. Fluazifop-butyl in man.

Modelling dermal pharmacokinetics using in vitro data. Part I. Fluazifop-butyl in the rat.

In vitro percutaneous absorption and metabolism in man of 2-chloro-4-ethylamino-6-isopropylamine-s-triazine (atrazine).

Fate of fluzifop butyl in rat and human skin in vitro.

Determination of atrazine metabolites in human urine: development of a biomarker of exposure.

Occupational exposure of Sri Lankan tea plantation workers to paraquat.

Erythropoietin increases hemoglobin in cancer patients during radiation therapy.

Adenocarcinoma production in rats administered 1,2-dimethylhydrazine and fed iron salt and guar gum diets.

Tumor cell heme uptake induces ferritin synthesis resulting in altered oxidant sensitivity: possible role in chemotherapy efficacy.

Comparing the results of a Monte Carlo analysis with EPA's reasonable maximum exposed individual (RMEI): a case study of a former wood treatment site.

TCDD-mediated changes in hepatic epidermal growth factor receptor may be a critical event in the hepatocarcinogenic action of TCDD.

Differential patterns of epidermal leukocyte infiltration in patch test reactions to structurally unrelated chemical irritants.

Chromium content in human skin after in vitro application of ordinary cement and ferrous-sulphate-reduced cement.

Dermatitis on construction sites.

Angiosarcoma, porphyria cutanea tarda, and probable chloracne in a worker exposed to waste oil contaminated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

A new form of tumor and fetal collagen that binds laminin.

Characterization of an arginine 789 to cysteine substitution in alpha 1 (II) collagen chains of a patient with spondyloepiphyseal dysplasia.

Exposure to 2,3,7,8-tetrachlorodibenzo-para-dioxin leads to defective dentin formation and pulpal perforation in rat incisor tooth.

Contact dermatitis due to Metasol D3T in a Jay cushion.

Dermatitis in bulb growers.

Herbimycin A, a pp60c-src tyrosine kinase inhibitor, inhibits osteoclastic bone resorption in vitro and hypercalcemia in vivo.

Inhibitory effects of alpha- and beta-carotene on croton oil-induced or enzymatic lipid peroxidation and hydroperoxide production in mouse skin epidermis.

An acute model for IgA-mediated glomerular inflammation in rats induced by monoclonal polymeric rat IgA antibodies.

Comparative immunochemistry and ontogeny of two closely related coated pit proteins. The 280-kd target of teratogenic antibodies and the 330-kd target of nephritogenic antibodies.

Tumors produced in rats with a single dosage of 1,2-dimethylhydrazine.

Peroxisome proliferators: paradigms and prospects.

Effect of processing cement to concrete on hexavalent chromium levels.

Increased serum catalase activity in rats subjected to thermal skin injury.

DNA topoisomerases and the DNA lesion in human genetic instability syndromes.

[Neurotoxicity of methyl bromide--neuropathologic evaluation--preliminary study].

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the epidermal growth factor receptor in hepatic plasma membranes of rainbow trout (*Oncorhynchus mykiss*).

The natural history of congenital diaphragmatic hernia and pulmonary hypoplasia in the embryo.

Iron protein succinylate in the treatment of iron deficiency: controlled, double-blind, multicenter clinical trial on over 1,000 patients.

[Participation of environmental chemicals in experimental allergic conjunctivitis].

Prevention of experimental autoimmune arthritis with a peptide fragment of type II collagen.

Red blood cell regeneration induced by subcutaneous recombinant erythropoietin: iron-deficient erythropoiesis in iron-replete subjects.

Effect of intracanal dressings on repair and apical bridging of teeth with incomplete root formation.

An arm immersion model of compromised skin (I). Influence on irritation reactions.

Effect of thyrotropin-releasing hormone on pentobarbitone-induced sleep in rats: continuous treatment with a sustained release injectable formulation.

Osteogenesis imperfecta and type-I collagen mutations. A lethal variant caused by a Gly910-->Ala substitution in the alpha 1 (I) chain.

A study of the binding of immunoglobulin G and immunoglobulin E from children with bronchial asthma to peptides derived from group II antigen of *Dermatophagoides pteronyssinus*.

Chronic arsenicism: criminal poisoning or drug-intoxication? Report of two cases.

Activation of tumoricidal properties in macrophages by lipopolysaccharide requires protein-tyrosine kinase activity.

Skin dendritic cell-lymphocyte interactions in autologous system.

An intronic deletion leading to skipping of exon 21 of COL1A2 in a boy with mild osteogenesis imperfecta.

Developmental and reproductive toxicity of dioxins and related compounds: cross-species comparisons.

Comparative bioavailability of ferric polymaltose and ferrous sulphate in iron-deficient blood donors.

Approach to risk assessment of PCDDs and PCDFs in Canada.

The penetration of 2,3,7,8-tetrachlorodibenzo-p-dioxin into viable and non-viable porcine skin in vitro.

Singlet oxygen induces collagenase expression in human skin fibroblasts.

Biochemical Basis of Resistance of Tobacco Callus Tissue Cultures to Hydroxyphenylethylamines.

Estimation of octanol-water partition coefficients and correlation with dermal absorption for several polyhalogenated aromatic hydrocarbons.

Triggering of cellulase biosynthesis by cellulose in *Trichoderma reesei*. Involvement of a constitutive, sophorose-inducible, glucose-inhibited beta-diglycoside permease.

Intra-species cross-reactivity of house dust mite allergens separated by protein blotting and detected by selective elution of mite components and IgE antibodies.

Histopathologic approaches to chemical toxicity using primary cultures of dissociated neural cells grown in chamber slides.

Oxidative tyrosylation of high density lipoprotein by peroxidase enhances cholesterol removal from cultured fibroblasts and macrophage foam cells.

A mouse 3T6 fibroblast cell culture model for the study of normal and protein-engineered collagen synthesis and deposition into the extracellular matrix.

A physiologically based pharmacokinetic model for 2,3,7,8-tetrabromodibenzo-p-dioxin (TBDD) in the rat: tissue distribution and CYP1A induction.

Mapping the locations of the epitopes of five monoclonal antibodies to the core protein of dermatan sulfate proteoglycan II (decorin).

Characterization of phosphofructokinase II and regulation of fructose 2,6-bisphosphate levels in *Trichoderma reesei*.

Tyrosyl radical generated by myeloperoxidase catalyzes the oxidative cross-linking of proteins.

Gene expression and cell proliferation in rat liver after 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

A mechanistic model of effects of dioxin on gene expression in the rat liver.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) accelerates differentiation of murine preimplantation embryos in vitro.

Evidence for involvement of the growth hormone receptor-associated tyrosine kinase in actions of growth hormone.

NTP Toxicology and Carcinogenesis Studies of Pentachloroanisole (CAS No. 1825-21-4) in F344 Rats and B6C3F1 Mice (Feed Studies).

Maturation changes in dermal absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in Fischer 344 rats.

Toxicology, structure-function relationship, and human and environmental health impacts of polychlorinated biphenyls: progress and problems.

Reduction of hepatic phosphoenolpyruvate carboxykinase (PEPCK) activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) is due to decreased mRNA levels.

The herpes simplex virus type 1 US11 gene product is a phosphorylated protein found to be non-specifically associated with both ribosomal subunits.

Nonresponsiveness of normal human fibroblasts to dioxin correlates with the presence of a constitutive xenobiotic response element-binding factor.

Evaluation of collagen cross-linking techniques for the stabilization of tissue matrices.

Semicarbazide protection from in vivo oxidant injury of vascular tissue by allylamine.

Nature and role of xenobiotic metabolizing esterases in rat liver, lung, skin and blood.

Gastrointestinal effects of single and repeated doses of ferrous sulphate in rats.

Effects of acute sodium arsenite administration on the pulmonary chemical metabolizing enzymes, cytochrome P-450 monooxygenase, NAD(P)H:quinone acceptor oxidoreductase and glutathione S-transferase in guinea pig: comparison with effects in liver and kidney.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the epidermal growth factor receptor in hepatic plasma membranes of rainbow trout.

Modulation of protooncogene expression in rat aortic smooth muscle cells by benzo[a]pyrene.

Ligand/receptor binding for 2,3,7,8-TCDD: implications for risk assessment.

Developmental analysis of primary and secondary somatic embryogenesis in soybean tissue culture.

Growth stimulation of primary rat hepatocytes by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Neurotoxic effects induced by intracerebral and systemic injection of paraquat in rats.

Chronic liver injury in phenoxy herbicide-exposed Vietnam veterans.

Methyl isothiocyanate in wine.

Reproductive study of acrolein on two generations of rats.

[A cardiac lesion secondary to paraquat].

Dioxin intoxication from chronic exposure of horses to pentachlorophenol-contaminated wood shavings.

NTP technical report on the toxicity studies of Glyphosate (CAS No. 1071-83-6) Administered In Dosed Feed To F344/N Rats And B6C3F1 Mice.

Cutaneous toxicity and absorption of paraquat in porcine skin.

Studies of the quenching phenomenon.

[Toxic and drug-induced lesions of the pulmonary parenchyma].

Two-year toxicity and carcinogenicity study of acrolein in rats.

Acute toxicological studies on paraquat: pathological findings in beagle dogs following single subcutaneous injections.

Role of lipid peroxidation and DNA damage in paraquat toxicity and the interaction of paraquat with ionizing radiation.

Subacute toxicity of paraquat in beagle dogs: clinicopathology and pathologic examinations.

Distribution of paraquat into the brain after its systemic injection in rats.

Regression mechanism of cyanamide-induced inclusion bodies in the rat: a useful experimental pattern to study the beta-glycogen metabolism of hepatocytes.

Age dependent development of ethanol drinking in rats after inhibition of aldehyde dehydrogenase.

Selective reduction by the 5-HT antagonist amperozide of alcohol preference induced in rats by systemic cyanamide.

Skin sensitization to cinnamic alcohol: the role of skin metabolism.

The effects of goitrogenesis, involution, and goitrogenic rechallenge on the clonogenic cell content of the rat thyroid.

Enhancement of cytotoxic T lymphocyte growth from spleens of P815-tumor-bearing host mice with mafosfamide.

Preservation of keratin expression in oral mucosa using a novel transport medium.

Dermal absorption of the phenoxy herbicide 2,4-D dimethylamine in humans: effect of DEET and anatomic site.

Pharmacokinetics of fluazifop-butyl in human volunteers. II: Dermal dosing.

In vivo percutaneous absorption and skin decontamination of alachlor in rhesus monkey.

Inhibition of the sodium transport by pentachlorophenol (PCP) in toad skin (*Pleurodema thaul*).

Clinical responses in relation to blood acetaldehyde levels.

Conifer seedling nursery worker exposure to glyphosate.

Oral and dermal application of 2,4-dichlorophenoxyacetic acid sodium and dimethylamine salts to male rats: investigations on absorption and excretion as well as induction of hepatic mixed-function oxidase activities.

Effect of herbicides on human skin. Penetration of herbicides through the epidermis "in vitro".

Case report: neuropathology of methyl bromide intoxication.

Influence of irrigation and intracanal dressing on the healing process of dogs' teeth with apical periodontitis.

Evidence of a neurogenic component during IgE-mediated inflammation in mouse skin.

Integrated approach for evaluating species and interindividual differences in responsiveness to dioxins and structural analogs.

Cell transforming and oncogenic activity of 2,3,7,8-tetrachloro--and 2,3,7,8 tetrabromodibenzo-p-dioxin.

Myalgia and elevated creatine kinase activity associated with subcutaneous injections of diluent.

Modification of bleomycin-induced chromosome aberrations by hyperthermia and under energy depleting conditions in human peripheral lymphocytes.

Amyotrophic lateral sclerosis: increased solubility of skin collagen.

A dominant mutation in the COL1A1 gene that substitutes glycine for valine causes recurrent lethal osteogenesis imperfecta.

Detection of contact sensitivity of metal salts using the murine local lymph node assay.

Expression of mutant alpha (I)-procollagen in osteoblast and fibroblast cultures from a proband with osteogenesis imperfecta type IV.

Chronic sodium azide treatment impairs learning of the Morris water maze task.

Chemopreventive effects of green tea components on hepatic carcinogenesis.

Type I keratinocyte transglutaminase: expression in human skin and psoriasis.

Growth inhibitory and antimitogenic activity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in T47D human breast cancer cells.

Neoplastic transformation of immortalized human keratinocytes by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Detection and characterisation of an overmodified type III collagen by analysis of non-cutaneous connective tissues in a patient with Ehlers-Danlos syndrome IV.

Hepatotoxicity and carcinogenicity in female Sprague-Dawley rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): a pathology working group reevaluation.

Extraembryonic tissue changes induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,4,7,8-pentachlorodibenzofuran with a note on direction of maternal blood flow in the labyrinth of C57BL/6N mice.

Modulation of type II collagen-induced arthritis in DBA/1 mice by intravenous application of a peptide from the C1q-A chain.

Large hiatal hernias, anemia, and linear gastric erosion: studies of etiology and medical therapy.

In utero and lactational exposure of male rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin. 3. Effects on spermatogenesis and reproductive capability.

Synthesis and anticonvulsant activity of some new 4-aryl-4-imidazoline-2-one derivatives.

Mitochondrial dysfunction observed in situ in cardiomyocytes of rats in experimental diabetes.

Chemical burn with cresol intoxication and multiple organ failure.

Identification of *Candida albicans* antigens reactive with immunoglobulin E antibody of human sera.

Identification of thyroiditogenic epitope on porcine thyroid peroxidase for C57BL/6 mice.

Cytochrome oxidase inhibition: a novel animal model of Alzheimer's disease.

Lysyl hydroxylation in collagens from hyperplastic callus and embryonic bones.

Permeation and destructive effects of disinfectants on protective gloves.

Altered ratio of collagen chains in bone of a patient with non-lethal osteogenesis imperfecta.

Identification, purification, and partial sequence analysis of autotaxin, a novel motility-stimulating protein.

An osteopenic nonfracture syndrome with features of mild osteogenesis imperfecta associated with the substitution of a cysteine for glycine at triple helix position 43 in the pro alpha 1(I) chain of type I collagen.

Allergic contact dermatitis from dazomet.

Chemical modification of bovine pericardium and its effect on calcification in the rat subdermal model.

Differential ability of occupational chemical contact and respiratory allergens to cause immediate and delayed dermal hypersensitivity reactions in mice.

Toxicity of monochloroacetic acid administered by gavage to F344 rats and B6C3F1 mice for up to 13 weeks.

Fatal systemic poisoning after skin exposure to monochloroacetic acid.

Amelioration of dermal lesions in streptozotocin-induced diabetic rats by aminoguanidine.

[Contact fentichlor photoallergy from soap for handwashing].

Toxicity of pentachlorophenol to six species of white rot fungi as a function of chemical dose.

IgE-mediated inhalant allergy in inhabitants of a building infested by the rice weevil (*Sitophilus oryzae*).

Effect of enhanced erythropoiesis on iron absorption.

Aflatoxin toxicity in cultured human epidermal cells: stimulation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Potential by m-cresol on transepithelial sodium transport across frog skin induced by insulin.

Genotoxicity of environmental agents in human mammary epithelial cells.

Percutaneous absorption of nicotinic acid, phenol, benzoic acid and triclopyr butoxyethyl ester through rat and human skin in vitro: further validation of an in vitro model by comparison with in vivo data.

Dimethyl disulfide mimics the effects of milk on fetal behavior and responsiveness to cutaneous stimuli.

The potentiation of 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity by tamoxifen in female CD1 mice.

Dermal absorption of chemicals: effect of application of chemicals as a solid, aqueous paste, suspension, or in volatile vehicle.

Evaluation of the role of electrostatic residues in human epidermal growth factor by site-directed mutagenesis and chemical modification.

Pig ear skin as an in-vitro model for human skin permeability.

Health status and needs of migrant farm workers in the United States: a literature review.

Decontamination of human skin exposed to 2,3,7,8-tetrachlorodibenzo-p-Dioxin (TCDD) in vitro.

Skin photosensitizing agents and the role of reactive oxygen species in photoaging.

Recent developments on the hazards posed by 2,3,7,8-tetrachlorodibenzo-p-dioxin in soil: implications for setting risk-based cleanup levels at residential and industrial sites.

Altered expression of a mouse epidermal cytoskeletal protein is a sensitive marker for proliferation induced by tumor promoters.

Induction of the 72-kD heat shock protein in organ-cultured normal human skin.

The amino-acid sequence of a lectin from conger eel, *Conger myriaster*, skin mucus.

[Use of 2,4-dinitrophenol for immunosuppressive action on the recipient in implantation of fetal organs in mice].

NTP Toxicology and Carcinogenesis Studies of Methyl Bromide (CAS: 74-83-9) in B6C3F1 Mice (Inhalation Studies).

2,3,7,8-Tetrachlorodibenzo-p-dioxin and ethinylestradiol as co-mitogens in cultured rat hepatocytes.

Purification and localization of brain-type creatine kinase in sodium chloride transporting epithelia of the spiny dogfish, *Squalus acanthias*.

Carrier-mediated uptake of pravastatin by rat hepatocytes in primary culture.

An automated in vitro dermal absorption procedure: II. Comparative in vivo and in vitro dermal absorption of the herbicide fenoxaprop-ethyl (HOE 33171) in rats.

NTP Toxicology and Carcinogenesis Studies of Monochloroacetic Acid (CAS No. 79-11-8) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Effect of methyl bromide on regional brain glutathione, glutathione-S-transferases, monoamines, and amino acids in F344 rats.

Accidental death caused by the absorption of 2,4-dichlorophenol through the skin.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on benzo(a)pyrene hydroxylase activity in embryos of the Japanese medaka (*Oryzias latipes*).

Decreased hepatic phosphoenolpyruvate carboxykinase gene expression after 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment: implications for the acute toxicity of chlorinated dibenzo-p-dioxins in the rat.

The barrier function in atopic dry skin. Disturbance of membrane-coating granule exocytosis and formation of epidermal lipids?

Reproductive toxicity and toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin. 3. Effects of single doses on the testis of male rats.

The possibility of lidocaine ion pair absorption through excised hairless mouse skin.

Reduced expression of manganese superoxide dismutase in cells resistant to cytolysis by tumor necrosis factor.

Evidence that paraquat is able to cross the blood-brain barrier to a different extent in rats of various age.

Toxicology and carcinogenesis studies of two grades of pentachlorophenol in B6C3F1 mice.

[Fatal voluntary poisoning by parenteral paraquat].

Assessment of lawn care worker exposure to dithiopyr.

[Changes in the laboratory rat during development after parenteral administration of the herbicide Zeazin S-40. II. Morphologic findings].

[Observations of the fibrosing process in paraquat lung injury by chest X-ray and CT].

Human health effects: what the data indicate.

[Occupational asthma caused by scented gravel in cat litter boxes].

Paraquat induced pulmonary fibrosis in three survivors.

Allylamine and acrolein toxicity in perfused rat hearts.

[Elevated pentachlorophenol in urine following Fungifen therapy].

Interaction of xenobiotics on the glucose-transport system and the Na⁺/K⁽⁺⁾-ATPase of human skin fibroblasts.

Inhibition of human and rabbit platelet aggregation by chlorophenoxyacid herbicides.

Acute poisoning with a glyphosate-surfactant herbicide ('Roundup'): a review of 93 cases.

A new insight into the histogenesis of 'mesodermomas'--malignant mesotheliomas.

Studies of the quenching phenomenon in delayed contact hypersensitivity reactions.

An overview of peroxisome proliferator-induced hepatocarcinogenesis.

Dose-dependent increases in metallothionein synthesis in the lung and liver of paraquat-treated rats.

Residues of pentachlorophenol and other chlorinated contaminants in human tissues: analysis by electron capture gas chromatography and electron capture negative ion mass spectrometry.

Increase in metallothionein produced by chemicals that induce oxidative stress.

The influence of skin structure on permeability: an intersite and interspecies comparison with hydrophilic penetrants.

Glyphosate skin binding, absorption, residual tissue distribution, and skin decontamination.

Urinary excretion of acetylcyanamide in rat and human after oral and dermal application of hydrogen cyanamide (H₂N₂CN).

Dermatitis among workers cleaning the Sacramento River after a chemical spill--California, 1991.

The identification of photoallergic potential in the local lymph node assay.

Relative liver tumour promoting activity and toxicity of some polychlorinated dibenzo-p-dioxin- and dibenzofuran-congeners in female Sprague-Dawley rats.

Pathology reevaluation of the Kociba et al. (1978) bioassay of 2,3,7,8-TCDD: implications for risk assessment.

Arsenite as the probable active species in the human carcinogenicity of arsenic: mouse micronucleus assays on Na and K arsenite, orpiment, and Fowler's solution.

Hemolytic activity of ethylene glycol phenyl ether (EGPE) in rabbits.

Induction of hepatic metallothionein by nonmetallic compounds associated with acute-phase response in inflammation.

Toxic and neoplastic responses in the nasal passages: future research needs.

Induction of hsp 72/73 by herbimycin A, an inhibitor of transformation by tyrosine kinase oncogenes.

Great Lakes embryo mortality, edema, and deformities syndrome (GLEMEDS) in colonial fish-eating birds: similarity to chick-edema disease.

Inhibition of mitochondrial respiratory function by an organic solvent extractable component from an extract of burn eschar.

The acute effects of S-(1,2-dichlorovinyl)-L-cysteine and related chemicals on renal function and ultrastructure in the pentobarbital-anesthetized dog: structure-activity relationships, biotransformation, and unique site-specific nephrotoxicity.

In-vivo epidermal nuclear reactions: a selective process.

Symptoms among workers with long-term exposure to methyl bromide. An epidemiological study.

Heat treatment induces an increase in intracellular cyclic AMP content in human epidermoid A-431 cells.

[Coplanar PCBs, PCDFs and PCDDs in the subcutaneous adipose tissue of Yusho patients and normal controls].

Ninety-day toxicity study of sodium monochloroacetate in Sprague-Dawley rats.

PDGF, CSF-1, and EGF induce tyrosine phosphorylation of p120, a pp60src transformation-associated substrate.

[Experience of the Toxicology Information Center in Prague with pesticides].

Dioxin contamination and growth and development in great blue heron embryos.

Hydronephrosis in mice exposed to TCDD-contaminated breast milk: identification of the peak period of sensitivity and assessment of potential recovery.

Evaluation of the persistence of hydronephrosis induced in mice following in utero and/or lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Stimulation by Bt2cAMP of epidermal mucous metaplasia in retinol-pretreated chick embryonic cultured skin, and its inhibition by herbimycin A, an inhibitor for protein-tyrosine kinase.

Ovarian hormones enhance 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated increases in cell proliferation and preneoplastic foci in a two-stage model for rat hepatocarcinogenesis.

TCDD exposure of human embryonic palatal shelves in organ culture alters the differentiation of medial epithelial cells.

Histological study of therapy for infected nonvital permanent teeth with incompletely formed apices.

Long-term carcinogenesis studies on 2,3,7,8-tetrachlorodibenzo-p-dioxin and hexachlorodibenzo-p-dioxins.

A one-year carcinogenicity study with 2,6-dichlorobenzonitrile (Dichlobenil) in male Swiss mice: preliminary note.

Reproductive toxicity and toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin. 2. Problem of paternally-mediated abnormalities in the progeny of rat.

Allergic contact dermatitis to two antioxidants in latex gloves: 4,4'-thiobis(6-tert-butyl-meta-cresol) (Lowinox 44S36) and butylhydroxyanisole. Allergen alternatives for glove-allergic patients.

Vitamin A deficiency and the induction of cutaneous toxicity in murine skin by TCDD.

Mechanisms of cell death.

Phenotypic variability and abnormal type I collagen unstable at body temperature in a family with mild dominant osteogenesis imperfecta.

Chronic inhalation toxicity and carcinogenicity study of methyl bromide in Wistar rats.

Intra- and inter-individual variations in cornified envelope peptide composition in normal and psoriatic skin.

Differential effects of sodium lauryl sulphate and non-anoic acid on the expression of CD1a and ICAM-1 in human epidermis.

Phosphorylation of lipocortin-1 by the epidermal growth factor receptor.

Heat shock proteins in cultured human keratinocytes and fibroblasts.

Influence of the Ah locus on the effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the hepatic epidermal growth factor receptor.

Flap erupts over dioxin meeting.

A re-appraisal of multiplicity of endoglucanase I from *Trichoderma reesei* using monoclonal antibodies and plasma desorption mass spectrometry.

NTP technical report on the toxicity studies of Cresols (CAS Nos. 95-48-7, 108-39-4, 106-44-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Involvement of singlet oxygen in chloroaluminum phthalocyanine tetrasulfonate-mediated photoenhancement of lipid peroxidation in rat epidermal microsomes.

Absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) after low dose dermal exposure.

Amsacrine-induced lesions in DNA and their modulation by novobiocin and 2,4-dinitrophenol.

Alterations in the cross-links of skin collagen of rats treated with biosynthetic growth hormone.

Penetration, distribution and kinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in human skin in vitro.

Ten- and ninety-day toxicity studies of 1,2-dichlorobenzene administered by oral gavage to Sprague-Dawley rats.

[A gas-chromatographic method of analysis of monochloroacetic acid and its sodium salt in the air, skin washings, protective clothing extracts and urine].

Toxic interactions in the rat nose: pollutants from soiled bedding and methyl bromide.

Factors influencing the latency of the peroxisomal enzyme dihydroxyacetone-phosphate acyltransferase (DHAP-AT) in permeabilized human skin fibroblasts.

NTP Toxicology and Carcinogenesis Studies of Sodium Azide (CAS: 26628-22-8) in F344 Rats (Gavage Studies).

Induction of a 31,000-dalton stress protein by prostaglandins D2 and J2 in porcine aortic endothelial cells.

Toxicity of 2,6-dichlorothiobenzamide (chlorthiamid) and 2,6-dichlorobenzamide in the olfactory nasal mucosa of mice.

Oxygen uptake of isolated toad skin epithelium: micromerement and effect of ionic acclimation.

Dual-column high-performance liquid chromatographic cleanup procedure for the determination of polychlorinated dibenzo-p-dioxins and dibenzofurans in fish tissue.

Nature of plant stimulators in the production of *Acetobacter xylinum* ("tea fungus") biofilm used in skin therapy.

Assessment of mitochondrial membrane potential as an indicator of cytotoxicity.

Tissue-specific and organ-specific expression of soybean auxin-responsive transcripts GH3 and SAURs.

Lichen planus-like eruption with esophageal involvement as a result of cyanamide.

Immediate contact reactions to chemicals in the fragrance mix and a study of the quenching action of eugenol.

Cinnamic aldehyde 2% pet. is irritant on patch testing.

Comparison of the activity of topically applied pesticides and the herbicide 2,4-D in two short-term in vivo assays of genotoxicity in the mouse.

Dermal toxicity to rats of isoproturon technical and formulation.

[Scanning electron microscopic study of rat lungs in experimental chronic paraquat poisoning].

Selective vulnerability of hippocampal CA3 neurones after microinfusion of paraquat into the rat substantia nigra or into the ventral tegmental area.

[The immunomorphological characteristics of prolonged exposure to the herbicide linuron].

Ground-glass hepatocytes: light and electron microscopy. Characterization of the different types.

Chronic toxicity and oncogenicity of picloram in Fischer 344 rats.

Inhibition of rat heart mitochondrial electron transport in vitro: implications for the cardiotoxic action of allylamine or its primary metabolite, acrolein.

Failure of acrolein to produce sensitization in the guinea pig maximization test.

Summary of safety evaluation toxicity studies of glufosinate ammonium.

[Permissible dermal exposure dose and safety level for herbicide residues as an occupational hygiene standard for the evaluation of exposure].

PO₂ modulation of paraquat-induced microvascular injury in isolated dog lungs.

Irreversible binding and toxicity of the herbicide dichlobenil (2,6-dichlorobenzonitrile) in the olfactory mucosa of mice.

[Pulmonary lesion of paraquat poisoning on high resolution CT].

Full thickness skin burns secondary to an unusual exposure to diquat dibromide.

Paraquat pharmacokinetics using a subcutaneous toxic low dose in the rat.

An unusual case of fatal accidental paraquat poisoning.

Poisoning by some insecticides, herbicides and fungicides.

Long-term carcinogenicity bioassay of the herbicide atrazine in F344 rats.

Absence of delayed neurotoxicity and increased plasma butyrylcholinesterase activity in triallate-treated hens.

Chloracne associated with employment in the production of pentachlorophenol.

A possible role for calcium in oxidative plant stress.

Health status of Air Force veterans occupationally exposed to herbicides in Vietnam. I. Physical health.

Central action of an inhibitor of brain dopa-decarboxylase, NSD-1015, on cyanamide-induced alcohol drinking in rats.

The spectrum of contact urticaria. Wheals, erythema, and pruritus.

Effects of skin preapplication treatments and postapplication cleansing agents on dermal absorption of 2,4-dichlorophenoxyacetic acid dimethylamine by Fischer 344 rats.

Dermal absorption of the phenoxy herbicides 2,4-D, 2,4-D amine, 2,4-D isooctyl, and 2,4,5-T in rabbits, rats, rhesus monkeys, and humans: a cross-species comparison.

TCDD-induced altered expression of growth factors may have a role in producing cleft palate and enhancing the incidence of clefts after coadministration of retinoic acid and TCDD.

Human body burden of polychlorinated dibenzofurans associated with toxicity based on the yusho and yucheng incidents.

Embryotoxic effects of sodium azide infusions in the Syrian hamster.

Substitution of arginine for glycine at position 847 in the triple-helical domain of the alpha 1 (I) chain of type I collagen produces lethal osteogenesis imperfecta. Molecules that contain one or two abnormal chains differ in stability and secretion.

A base substitution at a splice site in the COL3A1 gene causes exon skipping and generates abnormal type III procollagen in a patient with Ehlers-Danlos syndrome type IV.

Inhibition of testicular steroidogenesis in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats: evidence that the key lesion occurs prior to or during pregnenolone formation.

Confirmation by peptide sequence and co-expression on various cell types of the identity of CD44 and P85 glycoprotein.

Lead exposure lowers the set point for food consumption and growth in weanling rats.

Photosensitizing potential of benzanthrone.

[Diagnosis of dermatitis due to plants].

Organization and disorganization of actin filaments in human epidermal keratinocytes: heat-shock treatment and recovery process.

Inhibition of high-density growth arrest in human squamous carcinoma cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

An approach towards understanding the genesis of sunlight-induced skin cancer.

Contact sensitization by pesticides in farmers.

Another mechanism for the defect in type III collagen accumulation in Ehlers-Danlos syndrome type IV: increased intracellular degradation of the procollagen.

Effects of FeSO₄ on B16 melanoma cells differentiation and proliferation.

Differential toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C57BL/6J mice congenic at the Ah Locus.

Characterization of the peak period of sensitivity for the induction of hydronephrosis in C57BL/6N mice following exposure to 2,3,7, 8-tetrachlorodibenzo-p-dioxin.

Alteration of collagen composition and cross-linking in keloid tissues.

Influence of dissolution rate and pH of oral medications on drug-induced esophageal injury.

[The nature, severity and distribution of obstructive airway lesions in COPD studied by morphometry and computer-assisted 3-D reconstruction].

Purification and characterization of a Mr approximately 66,000 lung-derived (paracrine) growth factor that preferentially stimulates the in vitro proliferation of lung-metastasizing tumor cells.

Studies on the role of lipid peroxidation in the acute toxicity of TCDD in rats.

Rat embryonic palatal shelves respond to TCDD in organ culture.

Induction of DNA damage by dimethylarsine, a metabolite of inorganic arsenics, is for the major part likely due to its peroxy radical.

Immunogenicity of collagenous implants.

Stress protein synthesis in human keratinocytes treated with sodium arsenite, phenyldichloroarsine, and nitrogen mustard.

Influence of habitat modification on the intestinal helminth community ecology of cottontail rabbit populations.

Preparation of triazolo[1,5-c]pyrimidines as potential antiasthma agents.

Risk factors for squamous cell carcinoma of the skin in Saskatchewan, Canada.

Winter's skin.

[Acute myelomonocytic leukemia with mastocytosis in bone marrow].

Methyl bromide myoclonus: an electrophysiological study.

Ethylene dichloride: the influence of disulfiram or ethanol on oncogenicity, metabolism, and DNA covalent binding in rats.

Relative toxicity and tumor-promoting ability of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), 2,3,4,7,8-pentachlorodibenzofuran (PCDF), and 1,2,3,4,7,8-hexachlorodibenzofuran (HCDF) in hairless mice.

Neurogenic inflammation, vascular permeability, and mast cells. Capsaicin desensitization fails to influence IgE-anti-DNP induced vascular permeability in rat airways.

Cornified envelopes in congenital disorders of keratinization.

A host-mediated in vivo/in vitro assay with peritoneal murine macrophages for the detection of carcinogenic chemicals.

Methemoglobinemia with oxidized hemoglobins and modified hemoglobins found in bloods of workers handling aromatic compounds and in those of a man who drank cresol solution.

Effects of TCDD on embryonic ureteric epithelial EGF receptor expression and cell proliferation.

[The intensification of lipid peroxidation in the skin for the suppression of experimental dermatitis].

The effects of TCDD on receptors for epidermal growth factor, glucocorticoid, and estrogen in Ah-responsive and -nonresponsive congenic mice and the effects of TCDD on estradiol metabolism in a liver tumor promotion model in female rats.

Comparative genetic mechanisms of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced tumors.

Thirty-four-year mortality follow-up of BASF employees exposed to 2,3,7,8-TCDD after the 1953 accident.

Natural chemicals, synthetic chemicals, risk assessment, and cancer.

Marfan syndrome: absence of type I or III collagen structural defects in 25 patients.

The effects of medium chain fatty acids and fluoride on fissure caries in Wistar rats.

Induction of ethoxyresorufin-O-deethylase and inhibition of glucocorticoid receptor binding in skin and liver of haired and hairless HRS/J mice by topically applied 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Changes in disposition kinetics of sulphadimidine in response to acute regional liver damage in sheep.

Memory consolidation of weak training experiences by hormonal treatments.

Cleavage specificity of human skin type IV collagenase (gelatinase). Identification of cleavage sites in type I gelatin, with confirmation using synthetic peptides.

Regulation of the spatial order of cortical microtubules in developing guard cells of *Allium*.

Nature's chemicals and synthetic chemicals: comparative toxicology.

Drug-induced esophageal injury. Histopathological study in a rabbit model.

UV-induced protein alterations and lipid oxidation in erythrocyte membranes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibition of 17 beta-estradiol-induced increases in rat uterine epidermal growth factor receptor binding activity and gene expression.

Oxidant stress leads to transcriptional activation of the human heme oxygenase gene in cultured skin fibroblasts.

[The effects of metabolic inhibitors on the excitability of the cells in embryonic epidermis of *Cynops orientalis*].

[Ifosfamide-induced urinary bladder lesion and its inhibition by mesna].

Age-related changes in dermal absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,4,7,8-pentachlorodibenzofuran.

The phosphocreatine shuttle of sea urchin sperm: flagellar creatine kinase resulted from a gene triplication.

A highly specific and quantitative method for determining type III/I collagen ratios in tissues.

Intracellular accumulation of azithromycin by cultured human fibroblasts.

Acetobacter cellulose pellicle as a temporary skin substitute.

NTP Toxicology and Carcinogenesis Studies of Iodinated Glycerol (Organidin(R)) (CAS No. 5634-39-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Kinetic studies of plasminogen activation by epithelial tissue plasminogen activator.

Effects of sodium arsenite on the cytotoxicity of bleomycin.

Isolation and sequencing of NOP1. A yeast gene encoding a nucleolar protein homologous to a human autoimmune antigen.

Patterns of expression of the JIM4 arabinogalactan-protein epitope in cell cultures and during somatic embryogenesis in *Daucus carota* L.

Attempts to identify the causative allergen in cases of allergic contact dermatitis using an in vitro lymphocyte transformation test.

Preservatives in insulin preparations impair leukocyte function. In vitro study.

Polyhalogenated dibenzo-p-dioxins and dibenzofurans and the immune system. 1. Effects on peripheral lymphocyte subpopulations of a non-human primate (*Callithrix jacchus*) after treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Studies on the pharmacokinetics and mutagenic potential of rhodamine B.

Complex chlorinated hydrocarbons: occupational exposure in the sawmill industry.

Oxidative stress induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Persistence of various polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDDs and PCDFs) in hepatic and adipose tissue of marmoset monkeys.

Placental markers of human exposure to polychlorinated dibenzofurans and polychlorinated biphenyls: implications for risk assessment.

Carcinogenic activity associated with halogenated acetones and acroleins in the mouse skin assay.

The safety of roundup pesticide.

[Photoallergic dermatitis caused by the herbicide phenmedipham].

Exposure to paraquat through skin absorption: clinical and laboratory observations of accidental splashing on healthy skin of agricultural workers.

Oral and dermal pharmacokinetics of triclopyr in human volunteers.

[Structural changes in the rat cerebral cortex induced by alcohol in combination with aldehyde dehydrogenase inhibitors].

Effects of a diphenyl ether herbicide (CNP emulsion) on mouse fetuses.

Induction of *sfIA* SOS function by peroxides using three different *E. coli* strains.

Cancer risk in a cohort of licensed pesticide users.

Comparative toxicity of allylamine and acrolein in cultured myocytes and fibroblasts from neonatal rat heart.

Paraquat poisoning by skin absorption.

Effect of acute propanil exposure on the immune response of C57Bl/6 mice.

[Paraquat poisoning. Pulmonary lesions].

Rat urinary bladder epithelial lesions induced by acrolein.

Contact leucoderma from paraquat dichloride?

Dinoseb toxicosis in two dogs.

Teratological evaluation of the phenoxyacid herbicide MCPA in the regenerating forelimb of the adult newt.

Contact dermatitis in children.

Interaction of hexachlorocyclohexane (HCH) and chlorpropham (CIPC) in male rats.

The behavioral effects of pesticides in male mice.

Application of an immunoassay for cyclic acrolein deoxyguanosine adducts to assess their formation in DNA of *Salmonella typhimurium* under conditions of mutation induction by acrolein.

[Lung changes in rats under the action of paraquat and the importance of antioxidants].

[The pulmonary lesions in paraquat poisoning].

An immunohistochemical study of the fibrosing process in paraquat lung injury.

Paraquat is not accumulated in B16 tumor cells by the polyamine transport system.

Effects of 2,4-dichlorophenoxyacetic acid (2,4-D) on biogenic amines and their acidic metabolites in brain and cerebrospinal fluid of rats.

Tumour initiatory activity of a herbicide diuron on mouse skin.

Aspects of pharmaceutical and chemical standardization of patch test materials.

Experimental pulmonary fibrosis induced by paraquat plus oxygen in rats: a morphologic and biochemical sequential study.

Cyanamide and its calcium form: do they differ with respect to their action on the liver cell? Experimental study in the rat.

Cross-sensitization patterns in guinea pigs between cinnamaldehyde, cinnamyl alcohol and cinnamic acid.

Inhibition of brain dopa-decarboxylase by RO 4-4602 infused ICV blocks alcohol drinking induced in rats by cyanamide.

Near real-time monitoring of potential dermal exposure during backpack herbicide spraying.

Changes in catalase, glutathione peroxidase and glutathione-S-transferase activities in the liver of newts exposed to 2-methyl-4-chlorophenoxyacetic acid (MCPA).

Differential effects of hyperoxia and hydrogen peroxide on DNA damage, polyadenosine diphosphate-ribose polymerase activity, and nicotinamide adenine dinucleotide and adenosine triphosphate contents in cultured endothelial cells and fibroblasts.

Penetration of the fragrance compounds, cinnamaldehyde and cinnamyl alcohol, through human skin in vitro.

Disposition of 2,4-dichlorophenoxyacetic acid dimethylamine by Fischer 344 rats dosed orally and dermally.

2,3,7,8-tetrachlorodibenzo-p-dioxin-induced porphyria cutanea tarda among pediatric patients.

Epidermal damage induced by irritants in man: a light and electron microscopic study.

[In vivo study of the analgesic action of different methods and drugs in endodontics].

[Noncirrhotic liver fibrosis after chronic arsenic poisoning].

Effect of subacute low level dietary sodium arsenite on dogs.

Human skin and post-burn scar hyaluronan: demonstration of the association with collagen and other proteins.

Induction of in vitro differentiation of mouse embryonal carcinoma (F9) and erythroleukemia (MEL) cells by herbimycin A, an inhibitor of protein phosphorylation.

Mortality in an area contaminated by TCDD following an industrial incident.

Retinoid receptor antisense DNAs inhibit alkaline phosphatase induction and clonogenicity in malignant keratinocytes.

Ten-year mortality study of the population involved in the Seveso incident in 1976.

Effect of TCDD on the density of Langerhans cells in murine skin.

Target tissue morphology and serum biochemistry following 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure in a TCDD-susceptible and a TCDD-resistant rat strain.

Chronic arsenicism with vitiligo, hyperthyroidism, and cancer.

Skin reactions to irritants assessed by non-invasive bioengineering methods.

Follow-up of workers from the prefabricated concrete industry after the addition of ferrous sulphate to Danish cement.

[Fibrogenesis and glycoconjugates].

Cancer incidence of workers in a Finnish sawmill.

Dynamics of epidermal growth factor receptor internalization studied by Nanovid light microscopy and electron microscopy in combination with immunogold labeling.

Carriage of Staphylococcus aureus and inflamed infusion sites with insulin-pump therapy.

Iodides and bromides.

Serum-free culture of insulin-secreting clonal cells from a hamster insulinoma.

Development and validation of a cellular transplant model for leukemia in Fischer rats: a short-term assay for potential anti-leukemic chemicals.

Follow-up of subjects who developed chloracne following TCDD exposure at Seveso.

Monitoring of genetic instability in subjects with increased risk of cancer.

Reproductive toxicity and pharmacokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin. 1. Effects of high doses on the fertility of male rats.

Assessment of hazards to workers applying pesticides.

Prevalence of cement eczema in Denmark before and since addition of ferrous sulfate to Danish cement.

[Contact eczema caused by pesticides in East Germany].

A pharmacological approach to cellular mechanisms of PGI₂-induced gastric cytoprotection on ethanol-induced gastric mucosal damage in rats.

[Recent experience with mites in stored products].

Cleavage specificity of type IV collagenase (gelatinase) from human skin. Use of synthetic peptides as model substrates.

In vivo activation of peripheral blood polymorphonuclear neutrophils by gamma interferon results in enhanced fungal killing.

Seasonal variation of skin resistance to irritants.

[Urinary bioavailability of sodium-2-mercaptoethanesulfonate (Uromitexan) following intravenous, subcutaneous and continuous subcutaneous administration].

Proteoglycans of the articular disc of the bovine temporomandibular joint. II. Low molecular weight dermatan sulphate proteoglycan.

Characterization of 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated decreases in dexamethasone binding to rat hepatic cytosolic glucocorticoid receptor.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters embryonic palatal medial epithelial cell differentiation in vitro.

Collagen metabolism in ultraviolet irradiated hairless mouse skin and its correlation to histochemical observations.

Effects of pulsed electromagnetic fields on rat skin metabolism.

Differential cytotoxicity of sodium arsenite in human fibroblasts and Chinese hamster ovary cells.

Urinary arsenic concentrations and speciation in Cornwall residents.

NTP Toxicology and Carcinogenesis Studies of 2,4-Dichlorophenol (CAS No. 120-83-2) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Comparative studies on the primary structure of human cystatin as from epidermis, liver, spleen, and leukocytes.

Prevention of cytotoxicity and inhibition of intercellular communication by antioxidant catechins isolated from Chinese green tea.

Functional characterization of monoclonal antibodies directed against fibrin binding domains of tissue-type plasminogen activator.

[Tissue distribution, inductive effect on liver enzymes and acute toxicity of 2,3,4,7,8-pentachlorodibenzofuran in Golden Syrian hamsters].

Decreased ligand binding to the hepatic glucocorticoid and epidermal growth factor receptors after 2,3,4,7,8-pentachlorodibenzofuran and 1,2,3,4,7,8-hexachlorodibenzofuran treatment of pregnant mice.

[Polychlorinated dibenzo-p-dioxins in the subcutaneous adipose tissue of yusho patients].

Synergistic toxicity between arsenic and methylated selenium compounds.

³²P-postlabeling assay for carcinogen-DNA adducts and other dna modifications.

Somatic embryogenesis and plants from immature zygotic embryos of the species *Musa acuminata* and *Musa balbisiana*.

NTP Toxicology and Carcinogenesis Studies of Two Pentachlorophenol Technical-Grade Mixtures (CAS No. 87-86-5) in B6C3F1 Mice (Feed Studies).

Microthrombomodulin. Residues 310-486 from the epidermal growth factor precursor homology domain of thrombomodulin will accelerate protein C activation.

Surface tension in the developing mammal: anisotropic tension generation in the dorsal skin of the perinatal rat.

[Local and skin-resorptive effects of monochloroacetic acid chloranhydride].

Interaction of human eosinophils or neutrophils with *Trypanosoma cruzi* in vitro causes bystander cardiac cell damage.

Comparative dermal absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin and three polychlorinated dibenzofurans.

Heme oxygenase is the major 32-kDa stress protein induced in human skin fibroblasts by UVA radiation, hydrogen peroxide, and sodium arsenite.

Effects of immunosuppressive chemicals on lymphoid development in foetal thymus organ cultures.

The use of multiple endpoints to define the mechanism of action of reproductive toxicants and germ cell mutagens.

Genotoxicity of azidoalanine in mammalian cells.

Spectroscopic studies of cutaneous photosensitizing agents--XIII. pH dependence of the photochemistry of photoallergens bithionol and fentichlor: an electron spin resonance study of the free radical photoproducts.

Polychlorinated biphenyls (PCBs): mutagenicity and carcinogenicity.

Neuropathological lesions after microinfusion of paraquat and MPP⁺ into different areas of the rat brain.

Health and reproductive outcomes among American Legionnaires in relation to combat and herbicide exposure in Vietnam.

[No Parkinsonian syndrome following acute paraquat poisoning].

[A case of bullous contact dermatitis caused by butifos].

[Hygienic standardization of monochloroacetic acid chloranhydride in the air of the work area].

Evaluation of the carcinogenic risk of the phenoxyherbicide MCPA to an urodele amphibian.

Functional teratogens of the rat kidney. II. Nitrofen and ethylenethiourea.

[20 years' experience with dermatologic assessment of herbicides and pesticides].

Topical non-steroidal anti-inflammatory drugs inhibit non-immunologic immediate contact reactions.

Mutagenesis of xeroderma pigmentosum fibroblasts by acrolein.

[Liver lesion caused by cyanamide. Study of a case and review of the bibliography].

Limited dermal ossification: a case report.

Immune-mediated glomerulonephritis after exposure to paraquat.

Paraquat poisoning by skin absorption: a review.

Prevention of occupational skin disease.

Autoradiography of [¹⁴C]paraquat or [¹⁴C]diquat in frogs and mice: accumulation in neuromelanin.

DNA damage in stomach, kidney, liver and lung of rats treated with atrazine.

Toxicokinetics and bioavailability of paraquat in rats following different routes of administration.

The accumulation and localisation of putrescine, spermidine, spermine and paraquat in the rat lung. In vitro and in vivo studies.

Altered regulation of P-450IA1 expression in a multidrug-resistant MCF-7 human breast cancer cell line.

Type II achondrogenesis-hypochondrogenesis: identification of abnormal type II collagen.

Cutaneous manifestations of tetrachlorodibenzo-p-dioxin in children and adolescents. Follow-up 10 years after the Seveso, Italy, accident.

Steroid hormones and medications that alter cancer risks.

Chemically induced inflammation in rat oral mucosa.

Molecular diversity in the abdominal aortic aneurysm phenotype.

[Effectiveness of introducing individual protection measures for workers in the phenazone industry].

Screening of pharmacological agents given peripherally with respect to TCDD-induced wasting syndrome in Long-Evans rats.

Suppression of keratinocyte differentiation in SSC-9 human squamous carcinoma cells by benzo[a]pyrene, 12-O-tetradecanoylphorbol-13-acetate and hydroxyurea.

Carcinogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the Syrian golden hamster.

A medical follow-up of the health effects of long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Type I procollagen in the severe non-lethal form of osteogenesis imperfecta. Defective pro-alpha 1(I) chains in a patient with abnormal proteoglycan metabolism and mineral deposits in the dermis.

[Health survey on morbidity and accidents in various productive agricultural sectors].

Morphological and biochemical characterization of the cornified envelopes from human epidermal keratinocytes of different origin.

Monoclonal antibodies to type IV collagenase recognize a protein with limited sequence homology to interstitial collagenase and stromelysin.

Dermal dysplasia characterized by collagen disorder-related skin fragility in a cow.

Skin lesions due to exposure to methyl bromide.

An immunotoxicological evaluation of 4,4'-thiobis-(6-t-butyl-m-cresol) in female B6C3F1 mice. 2. Humoral and cell-mediated immunity, macrophage function, and host resistance.

Photoallergic contact dermatitis from fentichlor.

Toxicity and disposition of 2,3,4,7,8-pentachlorodibenzofuran (4PeCDF) in the rhesus monkey (*Macaca mulatta*).

Landspreading dioxin-contaminated papermill sludge: a complex problem.

Doxorubicin cellular pharmacokinetics and DNA breakage in a multi-drug resistant B16 melanoma cell line.

Species differences in 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity and biotransformation in fish.

Altered elastin and collagen synthesis associated with progressive pulmonary hypertension induced by monocrotaline. A biochemical and ultrastructural study.

Variants of human tissue-type plasminogen activator. Fibrin binding, fibrinolytic, and fibrinogenolytic characterization of genetic variants lacking the fibronectin finger-like and/or the epidermal growth factor domains.

Mortality among California highway workers.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in yellow perch (*Perca flavescens*).

Morphologic lesions and acute toxicity in rainbow trout (*Salmo gairdneri*) treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Oral and dermal toxicity of MSMA to New Zealand white rabbits, *Oryctolagus cuniculus*.

Retained T-cell reactivity of rye grass pollen extract following cleavage with cyanogen bromide and nitrothiocyanobenzoic acid.

Biological effects of epidermal growth factor and 2,3,7,8-tetrachlorodibenzo-p-dioxin on developmental parameters of neonatal mink.

[Multiple squamous cell cancer as a late effect following arsenic treatment of psoriasis].

Rabbit serum hypertriglyceridemia after administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Forestomach carcinogens: pathology and relevance to man.

Dynamic behavior of the transferrin receptor followed in living epidermoid carcinoma (A431) cells with nanovid microscopy.

NTP Toxicology and Carcinogenesis Studies of C.I. Acid Orange 3 (CAS No. 6373-74-6) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Characterization of type I collagen from the skin of blue grenadier (*Macrurus novaezelandiae*).

Early changes in dermal collagen of mice exposed to chronic UVB irradiation and the effects of a UVB sunscreen.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-induced alterations in lipid peroxidation, enzymes, and divalent cations in rat testis.

Autoradiographic studies of the renal clearance of circulating type I collagen fragments in the rat.

Degeneration and regeneration of the olfactory epithelium following inhalation exposure to methyl bromide: pathology, cell kinetics, and olfactory function.

Partial characterization of specific cantharidin binding sites in mouse tissues.

A 10-kDa cyanogen bromide fragment from the epidermal growth factor homology domain of rabbit thrombomodulin contains the primary thrombin binding site.

Differential role of reactive oxygen intermediates in photofrin-I- and photofrin-II-mediated photoenhancement of lipid peroxidation in epidermal microsomal membranes.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on murine skin.

Bioavailability of soil-bound TCDD: dermal bioavailability in the rat.

CO₂ production of the chick embryo during the first day of post-laying development.

Metabolic activation of the mutagen azide in biological systems.

The permeability of grafted human transplant skin in athymic mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes an increase in protein kinases associated with epidermal growth factor receptor in the hepatic plasma membrane.

Pharmacokinetics and biological activity of 2,3,7,8-tetrachlorodibenzo-p-dioxin. 1. Dose-dependent tissue distribution and induction of hepatic ethoxyresorufin O-deethylase in rats following a single injection.

Neoplastic transformation of Chinese hamster cells in vitro after treatment with flavoring agents.

Acute, pharmacokinetic, and subchronic toxicological studies of 2,4-dichlorophenoxyacetic acid.

Evidence for participation of lipid peroxidation and iron in diquat-induced hepatic necrosis in vivo.

Eighty-five day postexposure follow-up study in Fischer 344 rats after repeated exposures to methyl isocyanate vapor.

[Clinicopathological evaluation of the lungs with unusual distribution of paraquat lesions].

Operator exposure from closed system loading and application of alachlor herbicide.

Effect of BCNU pretreatment on diquat-induced oxidant stress and hepatotoxicity.

Effect of tridiphane on reproductive parameters in Fischer 344 rats.

Occupational risk and the development of premalignant skin lesions among paraquat manufacturers.

Worker exposure to a herbicide applied with ground sprayers in the United Kingdom.

[Morphologic lesions in paraquat poisoning].

Paraquat poisoning: clinical features and immediate general management.

Mechanism of paraquat toxicity in lung and its relevance to treatment.

Paraquat--a review of safety in agricultural and horticultural use.

Critical role of iodination for T cell recognition of thyroglobulin in experimental murine thyroid autoimmunity.

Cyanamide given ICV or systemically to the rat alters subsequent alcohol drinking.

Allyl alcohol liver injury: suppression by ethanol and relation to transient glutathione depletion.

Autoradiographic studies on in vivo covalent binding of N-hydroxy-2-acetylaminofluorene in rat liver containing gamma-glutamyltranspeptidase-positive foci. The effect of the sulfation-inhibitor pentachlorophenol.

Initiation of hepatocarcinogenesis in infant male B6C3F1 mice by N-hydroxy-2-aminofluorene or N-hydroxy-2-acetylaminofluorene depends primarily on metabolism to N-sulfooxy-2-aminofluorene and formation of DNA-(deoxyguanosin-8-yl)-2-aminofluorene adducts.

Acetylsalicylic acid inhibits non-immunologic contact urticaria.

Paraquat-induced, dose-dependent conditioned taste aversions and weight loss mediated by the area postrema.

Elimination kinetics of ethanol and acetaldehyde in healthy men during the calcium carbimide-alcohol flush reaction.

Modification of intracellular glucose metabolism in human skin fibroblast preincubated with p-chlorophenoxyisobutyrate.

Exposure of the skin to methyl bromide: a study of six cases occupationally exposed to high concentrations during fumigation.

Alterations in lipid-linked oligosaccharide metabolism in human melanoma cells concomitant with induction of stress proteins.

[An immunotoxicologic experiment performed with the pesticide dinoseb].

Irritation and sensitization potential of pesticides.

Irritant dermatitis from tri-butyl tin oxide and contact allergy from chlorocresol.

Alterations in the expression of specific epidermal keratin markers in the hairless mouse by the topical application of the tumor promoters 2,3,7,8-tetrachlorodibenzo-p-dioxin and the phorbol ester 12-O-tetradecanoylphorbol-13-acetate.

[Toxico-allergic dermatitis induced by ethylenediamine in the manufacture of the herbicide zineb].

The effect of IgE-mediated mast cell degranulation on the expression of experimental contact sensitivity in the mouse.

Inactivation of *Bacillus piliformis* spores by heat and certain chemical disinfectants.

Fungicidal activity of human neutrophils and monocytes on dermatophyte fungi, *Trichophyton quinckeanum* and *Trichophyton rubrum*.

Pulmonary interstitial fibrosis induced in hapten-immune hamsters.

Dermatitis in a rubber tyre factory.

Reproductive tract lesions resulting from subchronic administration (63 days) of tri-o-cresyl phosphate in male rats.

Growth inhibitory effect of sodium azide in chemosensitivity assays.

A structural mutation of the collagen alpha 1(I)CB7 peptide in lethal perinatal osteogenesis imperfecta.

Immunochemical characterization of fibrinogen, fibrin I, and fibrin II in human thrombi and atherosclerotic lesions.

Catalase in cultured skin fibroblasts from patients with the cerebro-hepato-renal (Zellweger) syndrome: normal maturation in peroxisome-deficient cells.

Drug-induced cholestasis.

Clinical reports on plasma exchange in the Kidney Center, Tokai University School of Medicine.

[Epicutaneous testing with plant protective and pest control agents (pesticides)].

Orientation staining for the demonstration of *Mycobacterium leprae* in semithin sections.

Identification and subcellular distribution of cornified envelope precursor proteins in the transformed human keratinocyte line SV-K14.

UVB-induced collagen changes in the skin of the hairless albino mouse.

The ethylester of monochloroacetic acid.

Endogenous peroxidase activity in human cutaneous and adenoidal mast cells.

Induction of photoallergy in guinea-pigs by injection of photoallergen-protein conjugates.

Urinary chlorophenols in sawmill workers.

A canine model for the study of hapten-specific suppression of IgE-mediated bronchoconstriction and anaphylaxis.

Antineoplastic activity of azacarbazoles. II. Effect of alpha-carboline and its derivatives on transplantable animal neoplasms.

Pesticides and cancer risks in agriculture.

[Acute lung failure--a critical analysis].

[Follow-up of patients with chloracne in the Seveso area].

Prevention of cement dermatitis in construction workers with iron sulphate.

Triazene metabolism. VI. 3-Azidomethyl-3-alkyl-1-aryltriazenes, a new class of anti-tumour triazene with potential pro-drug applications.

Ah receptor: relevance of mechanistic studies to human risk assessment.

Cantharidin poisoning associated with specific binding site in liver.

Interaction of the mutagenic metabolite of sodium azide, synthesized in vitro, with DNA of barley embryos.

Both near ultraviolet radiation and the oxidizing agent hydrogen peroxide induce a 32-kDa stress protein in normal human skin fibroblasts.

The Mr 24,000 phosphoprotein from developing bone is the NH₂-terminal propeptide of the alpha 1 chain of type I collagen.

Spectroscopic studies of cutaneous photosensitizing agents--XII. Spin trapping study of the free radicals generated during the photolysis of photoallergens bithionol and fentichlor.

Evidence that 2,3,7,8-tetrachlorodibenzo-p-dioxin and thyroid hormones act through different mechanisms in human keratinocytes.

[Effect of highly dispersed iron powder and iron salt on the endogenous level of iron and zinc in animal organs and tissues].

Reversed short-circuit current across isolated skin of the toad *Bufo arenarum*.

TCDD (2,3,7,8-tetrachlorodibenzo-p-dioxin) causes an increase in protein tyrosine kinase activities at an early stage of poisoning in vivo in rat hepatocyte membranes.

Oxygen metabolite-induced cytotoxicity to cultured rat gastric mucosal cells.

Studies on the skin uptake and efflux kinetics of N-phenyl-p-phenylenediamine: an aromatic amine intermediate.

Dermal absorption of the antioxidant 4,4'-thiobis(6-tert-butyl-m-cresol) in Sencar mice and Fischer rats.

Binding and internalization of recombinant human erythropoietin in murine erythroid precursor cells.

Effect of metabolic inhibitors on platelet attachment, spreading and aggregation on collagen-coated surfaces.

Depression of rat testicular 17-hydroxylase and 17,20-lyase after administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Combinations of mesna with cyclophosphamide or adriamycin in the treatment of mice with tumors.

The toxicological significance of 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds in human adipose tissue.

Pathobiological effects of aldehydes in cultured human bronchial cells.

Central nervous system toxicity of some common environmental residues in the mouse.

Comparison of the penetration of 14 pesticides through the skin of young and adult rats.

[Excretory function of the liver with an allyl alcohol lesion and the antioxidant correction of the disorders].

Dome formation in cell cultures of chick embryo retinal pigment epithelium and effects of ouabain and 2,4-dinitrophenol thereon.

Measurement of in vivo lipid peroxidation and toxicological significance.

Urticaria from contact with pentachlorophenolate.

[Occupational eczema in billposters].

Acute, 14-day repeated dosing, and 90-day subchronic toxicity studies of potassium picloram.

The toxicity of 2,4-dichlorophenoxyacetic acid to the adult crested newt.

Toxicity of 2-methyl-4-chlorophenoxyacetic acid to the adult crested newt.

Hepatic disease associated with ground-glass inclusions in hepatocytes after cyanamide therapy.

Irritation, sensitization, photoirritation and photosensitization assays with a glyphosate herbicide.

Chloracne from pentachlorophenol-preserved wood.

Cheilitis: occult allergy to cinnamic aldehyde.

The effect of topically applied n-butylester of 2,4-dichlorophenoxyacetic acid on the immune response in mice.

The corrected collagen content in paraquat lungs.

The role of pesticides in skin disease.

Neurotoxicologic examination of rats dermally exposed to 2,4-D amine for three weeks.

[A case of acne in a subject exposed to paraquat].

Dioxin exposure. CDC study still at square one.

Management of acute childhood poisonings caused by selected insecticides and herbicides.

Allergic contact dermatitis from aminotriazole.

[Lung damage caused by paraquat. 1. Histologic, histochemical and pathophysiologic findings in rat lungs following acute paraquat poisoning].

Skin lesions as a sign of subacute pentachlorophenol intoxication.

[Ultrastructural changes on the alveolar surface in experimental respiratory distress syndrome with emphasis on the detection of surfactants].

Drug-alcohol flush reaction and breath acetaldehyde concentration: no interference with an infrared breath alcohol analyzer.

Diphenhydramine and the calcium carbimide-ethanol reaction: a placebo-controlled clinical study.

Lack of neuropathologic consequences of repeated dermal exposure to 2,4-dichlorophenoxyacetic acid in rats.

Dermal exposure and urinary metabolite excretion in farmers repeatedly exposed to 2,4-D amine.

Altered lung function and structure in the rat after subchronic exposure to acrolein.

Collagen defects in lethal perinatal osteogenesis imperfecta.

Induction of 32- and 34-kDa stress proteins by sodium arsenite, heavy metals, and thiol-reactive agents.

Effects of BHA and related phenols on the forestomach of rats.

Methyl isocyanate subchronic vapor inhalation studies with Fischer 344 rats.

Teratologic evaluation of hexabrominated naphthalenes in C57BL/6N mice.

Regression of methyl bromide-induced forestomach lesions in the rat.

Biosynthesis of electron transfer flavoprotein in a cell-free system and in cultured human fibroblasts. Defect in the alpha subunit synthesis is a primary lesion in glutaric aciduria type II.

The molecular defect in an autosomal dominant form of osteogenesis imperfecta. Synthesis of type I procollagen containing cysteine in the triple-helical domain of pro-alpha 1(I) chains.

Clinical variability of osteogenesis imperfecta reflecting molecular heterogeneity: cysteine substitutions in the alpha 1(I) collagen chain producing lethal and mild forms.

Heat stress proteins and experimental cancer metastasis.

A novel biologically active seleno-organic compound--VI. Protection by ebselen (PZ 51) against galactosamine/endotoxin-induced hepatitis in mice.

Effect of mouse skin tumor promoters upon [3H]uridine exchange and focus formation in cultures of C3H/10T1/2 mouse fibroblasts.

Effect of combined treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and phototherapy on bilirubin metabolism in the jaundiced Gunn rat.

Evaluating toxin-induced hepatic injury in rats by laboratory results and discriminant analysis.

Health effects of long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Phenotypic alterations in tumors that developed from threshold subcutaneous inocula. I. Reduced binding of natural antibodies and sensitivity to hypotonic lysis.

S-antigen-specific rat T cell lines recognize peptide fragments of S-antigen and mediate experimental autoimmune uveoretinitis and pinealitis.

Collagen in human aorta. Changes in the type III/I ratio and concentration of the reducible crosslink, dehydrohydroxylysinonorleucine in ascending aorta from healthy subjects of different age and patients with annulo-aortic ectasia.

Identification of ferrous sulfate toxicity in a commercial broiler flock.

Uptake of 2,3,7,8-tetrachlorodibenzo-p-dioxin from plasma lipoproteins by cultured human fibroblasts.

Desensitization of contact allergy to DNFB in mice. III. Characteristics of immediate desensitization induced by haptenated spleen cells.

Further discussion concerning porphyria cutanea tarda and TCDD exposure.

The diagnosis of dioxin-associated illness.

Interaction of monoclonal antibodies with the IgE-receptor on rat mast cells and rat basophilic leukemia (RBL) cells.

A variant primary structure of apolipoprotein C-II in individuals of African descent.

The human immune response to reconstituted bovine collagen.

A pilot epidemiologic study of possible health effects associated with 2,3,7,8-tetrachlorodibenzo-p-dioxin contaminations in Missouri.

Changes in the physical and chemical properties of skin collagen from broiler chickens exhibiting oily bird syndrome.

Lung neoplasms in rodents after chronic administration of dimethyl hydrogen phosphite.

Sodium arsenite potentiates the clastogenicity and mutagenicity of DNA crosslinking agents.

Analysis of the intermediate and basement membrane collagens in fibrous atherosclerotic lesions of human aorta.

Interstitial collagens in fibrous atherosclerotic lesions of human aorta.

Distribution of 2,4-dinitrophenyl groups on the epidermal Langerhans cells of guinea pigs following skin painting with 2,4-dinitrochlorobenzene.

A review of porphyria and cancer and the missing link with human exposure to hexachlorobenzene.

[Evaluation of the biological effect of polishing powders].

Contact sensitivity to arsenical compounds. Clinical and experimental studies.

[Occurrence of drug reactions].

Peroxidase, an alternate pathway to cytochrome P-450 for xenobiotic metabolism in skin: partial purification and properties of the enzyme from neonatal rat skin.

Chemical and biological characterization of low-molecular-weight human skeletal growth factor.

Health risk analysis of human exposures to soil amended with sewage sludge contaminated with polychlorinated dibenzodioxins and dibenzofurans.

Binding of a metabolite of 3,4,3',4'-tetrachlorobiphenyl to transthyretin reduces serum vitamin A transport by inhibiting the formation of the protein complex carrying both retinol and thyroxin.

A critical examination of assumptions used in risk assessments of dioxin contaminated soil.

Covalent coupling of neutralizing factors from *Xenopus* to Sepharose beads: no decrease of inducing activity.

Role of structure in diphenyl ether teratogenesis.

Acute toxicity of pesticides in adult and weanling rats.

Disulfide bond formation between nerve growth factor and the nerve growth factor receptor from embryonic sensory neurons.

Interactive effects of estradiol and 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic cytochrome P-450 and mouse uterus.

Immunoaffinity chromatography of carcinogen DNA adducts with polyclonal antibodies directed against benzo[a]pyrene diol-epoxide-DNA.

2,3,7,8-Tetrachlorodibenzo-p-dioxin metabolism and disposition in yellow perch.

Metabolism and disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rainbow trout.

Influence of skin source, penetration cell fluid, and partition coefficient on in vitro skin penetration.

Functional hepatocellular heterogeneity determined by the hepatotoxins allyl alcohol and bromobenzene in immature and adult Fischer 344 rats.

Identification of a thrombin sequence with growth factor activity on macrophages.

Studies on the metabolism of the neurotoxic tri-o-cresyl phosphate. Distribution, excretion, and metabolism in male cats after a single, dermal application.

Demonstration of sensory cutaneous nerve fibers in guinea-pig lip using endogenous oxidase histochemistry.

Amitrole: strain differences in morphological response of the liver following subchronic administration to mice.

The duration of the pulmonary paraquat toxicity--enhancement effect of O₂ in the rat.

Assessment of pentachlorophenol toxicity in newborn calves: clinicopathology and tissue residues.

Comparative behavioral, biochemical and pigmentary effects of MPTP, MPP⁺ and paraquat in *Rana pipiens*.

Mitochondrial injury of pulmonary alveolar epithelial cells in acute paraquat intoxication.

Chloracne and chloracnegens.

Human assay for identifying substances which induce non-allergic contact urticaria: the NICU-test.

Contact dermatitis to paraquat.

Systematically applied chemicals that damage lung tissue.

Allergic contact dermatitis due to a herbicide (barban).

Changes in rat lung structure and composition as a result of subchronic exposure to acrolein.

Complete recovery from paraquat poisoning causing severe unilateral pulmonary lesion.

Health hazards of natural and introduced chemical components of boatbuilding woods.

Perfume dermatitis.

Failure of desferrioxamine to modify the toxicity of paraquat in rats.

Effects of thyroid hormone on Na-K-adenosine triphosphatase activity along the rat nephron.

Long refractory period after one application of nonimmunologic contact urticaria agents to the guinea pig ear.

The role of neutrophils in the development of cadmium chloride-induced emphysema in lathyrogen-fed hamsters.

Hydrogen peroxide has a role in the aggregation of human platelets.

The cumulative contact enhancement test.

The metabolic fate of 2,4-dichlorophenoxyacetic acid-n-butyl ester in the Wistar rat.

A comparative study of the inhibition of hepatic aldehyde dehydrogenases in the rat by methyltetrazolethiol, calcium carbimide, and disulfiram.

Procedure for the determination of 2,4-D and dicamba in inhalation, dermal, hand-wash, and urine samples from spray applicators.

High-performance liquid chromatographic identification of beta-lactam antibiotics produced by dermatophytes.

Skin irritancy from nonanoic acid.

Mitochondrial cytochemistry in experimental myopathies.

Actions of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on human epidermal keratinocytes in culture.

Hypophagia-induced weight loss in mice, rats, and guinea pigs treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Problems in the assessment of human exposure to tetrachlorodibenzodioxin (TCDD): the marker chloracne.

Chloracne, "the hallmark of dioxin intoxication".

Comparative hepatic response to bromobenzene and allyl alcohol in the vitamin D-replete and vitamin D-depleted rat.

Toxicity and fetotoxicity of TCDD, TCDF and PCB isomers in rhesus macaques (*Macaca mulatta*).

Toxicity of chlorinated aromatic compounds in animals and humans: in vitro approaches to toxic mechanisms and risk assessment.

Cell-cycle-dependent expression of human melanoma membrane antigen analyzed by flow cytometry.

Hair and fingernail changes in acquired and congenital pernicious anemia.

Studies to evaluate the effectiveness of sex pheromone-impregnated formulations for control of populations of the American dog tick, *Dermacentor variabilis* (Say) (Acari: Ixodidae).

Cutaneous histologic findings in chemical workers with and without chloracne with past exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Synthesis of an altered type III procollagen in a patient with type IV Ehlers-Danlos syndrome. A structural change in the alpha 1(III) chain which makes the protein more susceptible to proteinases.

Altered triple helical structure of type I procollagen in lethal perinatal osteogenesis imperfecta.

[Multiple basalomas as a late consequence of acute iatrogenic arsenic poisoning in childhood].

[Multiple basalomas following long-term intake of arsenic].

The role of receptors in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity.

NTP Toxicology and Carcinogenesis Studies of Dimethyl Hydrogen Phosphite (CAS No. 868-85-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

NTP Toxicology and Carcinogenesis Studies of 1,2-Dichlorobenzene (o-Dichlorobenzene) (CAS No. 95-50-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Dermal absorption of pesticides calculated by deconvolution.

Conversion of 5-aminolaevulinate into haem by homogenates of human liver. Comparison with rat and chick-embryo liver homogenates.

Carcinogenicity of diallylnitrosamine following intragastric administration to Syrian hamsters.

Standardization of house dust mite extracts. Liberation of allergenic and antigenic components in relation to extraction conditions.

Polychlorinated aromatic hydrocarbon lethality, mixed-function oxidase induction, and uroporphyrinogen decarboxylase inhibition in the chick embryo: dissociation of dose-response relationships.

Effects of oxygen radicals on cerebral arterioles.

Determination of acute toxic effects in mice following exposure to methyl bromide.

Cyclophosphamide teratogenesis: a review.

Production and characterization of monoclonal antibodies to bovine skin proteodermatan sulfate.

Human effects of TCDD exposure.

The epidemiology and toxicology of TCDD.

[Allergy to decorative plants].

Diminution of immediate reactions to cinnamic aldehyde by eugenol.

Experimental paraquat poisoning--histological, electron microscopic and autoradiographic changes in the lung.

[Skin-irritating and sensitizing effects of the pesticide acetochlor].

Acute and environmental toxicity studies with hexazinone.

Collagen stimulating factors from lung in experimental paraquat poisoning demonstrated in vitro and in vivo.

Paraquat: model for oxidant-initiated toxicity.

Cinnamic aldehyde test concentrations.

Structural hepatic changes associated with cyanamide treatment: cholangiolar proliferation, fibrosis and cirrhosis.

Pathogenesis of paraquat-induced pulmonary hemorrhage in hamsters with special reference to arterial constriction.

Paraquat-induced pulmonary fibrosis. Role of the alveolitis in modulating the development of fibrosis.

Biochemical study of pentachlorophenol workers.

[Changes in the lung tissue of newborn rats after paraquat as a model of respiratory distress].

Cyanamide-induced liver cell injury. Experimental study in the rat.

The effect of quenching agents on contact urticaria caused by cinnamic aldehyde.

The metabolic fate of the herbicide nitratin in the rat.

Biochemical characteristics of rat superoxide dismutase and the effect caused by paraquat injection on the enzyme activity in various tissues.

Occupational exposure of herbicide applicators to herbicides used along electric power transmission line right-of-way.

Hepatic angiosarcoma and bronchioloalveolar carcinoma induced by Fowler's solution.

Epitopes immunologically related to glycophorin A on human malignant and non-malignant cells in culture.

Histologic changes produced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the skin of mice carrying mutations that affect the integument.

Immunologic effects of TCDD exposure in humans.

Evaluation of pesticides which pose carcinogenicity potential in animal testing. II. Consideration of human exposure conditions for regulatory decision making.

A heterozygous defect for structurally altered pro-alpha 2 chain of type I procollagen in a mild variant of osteogenesis imperfecta. The altered structure decreases the thermal stability of procollagen and makes it resistant to procollagen N-proteinase.

Biochemical and genetic analysis of variant mouse hepatoma cells which overtranscribe the cytochrome P1-450 gene in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The effectiveness of chemical carcinogens to induce atherosclerosis in the white Carneau pigeon.

Cysteine in the triple-helical domain of one allelic product of the alpha 1(I) gene of type I collagen produces a lethal form of osteogenesis imperfecta.

Suppression of type II collagen-induced arthritis by the intravenous administration of type II collagen or its constituent peptide alpha 1 (II) CB10.

Distribution of different collagen types and fibronectin in neurofibromatosis tumours.

Cutaneous signs of dioxin exposure.

Quantitation of types I and III collagens in human tissue samples and cell culture by cyanogen bromide peptide analysis.

Tissue plasminogen activator: peptide analyses confirm an indirectly derived amino acid sequence, identify the active site serine residue, establish glycosylation sites, and localize variant differences.

[The most common diseases caused by the adverse effect of phenols and chlorophenols].

Connective tissue antigens stimulate collagenase production in arthritic diseases.

Dermatitis in a dog associated with exposure to an arsenic compound.

Lipid abnormalities in workers exposed to dioxin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces hyperplasia in confluent cultures of human keratinocytes.

Collagen composition of normal and myxomatous human mitral heart valves.

DMSA, DMPS, and DMPA--as arsenic antidotes.

Cutaneous signs of systemic toxicity due to dioxins and related chemicals.

Porphyria cutanea tarda and sarcoma in a worker exposed to 2, 3, 7, 8-tetrachlorodibenzodioxin--Missouri.

Benoxaprofen photosensitization of cell membrane disruption.

Opposing effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and hydrocortisone on growth and differentiation of cultured malignant human keratinocytes.

Acute effects of 12-O-tetradecanoylphorbol-13-acetate, teleocidin B, or 2,3,7,8-tetrachlorodibenzo-p-dioxin on cultured normal human bronchial epithelial cells.

The effects of sucrose loading on lysosomal hydrolases.

Calcium is a competitive inhibitor of gentamicin-renal membrane binding interactions and dietary calcium supplementation protects against gentamicin nephrotoxicity.

Transplantation studies on induced and spontaneous nodules from B6C3F1 mouse liver.

Abnormal type I collagen metabolism by cultured fibroblasts in lethal perinatal osteogenesis imperfecta.

[Experimental porphyria induced by chlorinated hydrocarbons. Studies of porphyrinogen carboxy-lyase in the experimental model of human cutaneous delayed porphyria].

Decreased induction of aryl hydrocarbon hydroxylase activity in hyperproliferative hairless mouse epidermis.

Incorporation of alphafetoprotein by the MCF-7 human breast cancer cell line.

Polychlorinated biphenyls (PCBs) and polybrominated biphenyls (PBBs): biochemistry, toxicology, and mechanism of action.

Campylobacter jejuni and Campylobacter coli Production of a Cytotoxic Toxin Immunologically Similar to Cholera Toxin.

Effects of in vivo-administered 2,3,7,8-tetrachlorodibenzo-p-dioxin on receptor binding of epidermal growth factor in the hepatic plasma membrane of rat, guinea pig, mouse, and hamster.

Cyclophosphamide resistance developed in a human melanoma cell line.

Production of chemotactic activity for polymorphonuclear leukocytes by cultured rat hepatocytes exposed to ethanol.

N-(2,3-dimercaptopropyl)phthalamidic acid: protection, in vivo and in vitro, against arsenic intoxication.

An in vitro approach to studying cutaneous metabolism and disposition of topically applied xenobiotics.

Serum gamma glutamyl transferase as a specific indicator of bile duct lesions in the rat liver.

Respiratory tract lesions induced by sensory irritants at the RD50 concentration.

Participation of the alpha 2(I) chain of bovine skin collagen in the formation of mature crosslinks.

Increased epidermal transglutaminase activity following 2,3,7,8-tetrachlorodibenzo-p-dioxin: in vivo and in vitro studies with mouse skin.

Kinetics of the activation of plasminogen by natural and recombinant tissue-type plasminogen activator.

Initiation of callus and somatic embryos from explants of mature cotton (*Gossypium klotzschianum* Anderss).

Bioconcentration and metabolism of picric acid (2,4,6-trinitrophenol) and picramic acid (2-amino-4,6-dinitrophenol) in rainbow trout *Salmo gairdneri*.

Cinnamic aldehyde: a survey of consumer patch-test sensitization.

Nitrofen: a review and perspective.

Carcinogenicity and toxicity of 2,4-dichlorophenoxy-acetic acid.

The effects on rat pups when nitrofen (4-(2,4-dichlorophenoxy)nitrobenzene) was applied dermally to the dam during organogenesis.

Interaction effects of permethrin and atrazine combinations towards several nontarget microorganisms.

Cyanamide-induced liver injury. A predictable lesion.

Near fatal percutaneous paraquat poisoning.

[Prognostic factors in acute paraquat poisoning. A retrospective study of cases registered by the Poison Control Center of Paris in 1981].

[Clinical findings and treatment of paraquat poisoning in childhood].

Commercial PCP: Toxic Impurities.

Paraquat poisoning: evidence of systemic toxicity after dermal exposure.

Paraquat-induced enhancement of vascular permeability.

Contact dermatitis due to cinnamic aldehyde induced in a deodorant manufacturing process.

Occupational dermatitis from pesticides: patch testing procedures.

Review of the effects of Agent Orange: a psychiatric perspective on the controversy.

Sensitivity to the weed killer DNA-nitralin and cross-sensitivity to dinitrochlorobenzene.

Effects of a dermal dose of S,S,S,-tri-n-butyl phosphorotrithioate on brain acetylcholinesterase, acid phosphatase, and 2',3'-cyclic nucleotide-3' phosphohydrolase and plasma butyrylcholinesterase in hens.

Hepatitis induced by drugs used as alcohol aversion therapy.

[Irritant and sensitizing effect of the herbicide propachlor].

The role of respiratory protection on increased survival of *Treponema pallidum* (Nichols) when cocultivated with mammalian cells in vitro.

Abnormal response of ataxia-telangiectasia cells to agents that break the deoxyribose moiety of DNA via a targeted free radical mechanism.

Correlation between brain tissue and cerebrospinal fluid concentrations of selected compounds in rats with intact and injured blood-brain barrier.

A placebo-controlled double-blind comparative clinical study of the disulfiram- and calcium carbimide-acetaldehyde mediated ethanol reactions in social drinkers.

Studies on phenoxy acid herbicides. II. Oral and dermal uptake and elimination in urine of MCPA in humans.

Studies on phenoxy acid herbicides. I. Field study. Occupational exposure to phenoxy acid herbicides (MCPA, dichlorprop, mecoprop and 2,4-D) in agriculture.

Procedure for the determination of residues of (2,4-dichlorophenoxy)acetic acid in dermal exposure pads, hand rinses, urine, and perspiration from agricultural workers exposed to the herbicide.

Microbial degradation of trifluralin by *Aspergillus carneus*, *Fusarium oxysporum* and *Trichoderma viride*.

Biochemical modulation of angiogenesis in the chorioallantoic membrane of the chick embryo.

Decreased liver delta-aminolaevulinate dehydratase activity in porphyria cutanea tarda and in alcoholism.

Induction of 7-ethoxycoumarin o-deethylase activity in cultured human epithelial cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): evidence for TCDD receptor.

Effects of cytochrome P1-450 inducers on the cell-surface receptors for epidermal growth factor, phorbol 12,13-dibutyrate, or insulin of cultured mouse hepatoma cells.

[Brain death in secondary brain lesion].

Tumor initiating activity of 9- and 10-fluoro-7,12-dimethylbenz[a]-anthracene (DMBA) and the effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on tumor initiation by monofluoro derivatives of DMBA in SENCAR mice.

Langerhans cell--mononuclear cell contacts are not specific for allergy in patch tests.

Synthesis of a shortened pro-alpha 2(I) chain and decreased synthesis of pro-alpha 2(I) chains in a proband with osteogenesis imperfecta.

Analysis of cyanogen bromide peptides of type I collagen from a patient with lethal osteogenesis imperfecta.

Enhancement of carrageenan and dextran-induced edemas by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds.

Differential proteolysis and evidence for a residue exchange in tissue plasminogen activator suggest possible association between two types of protein microheterogeneity.

The role of growth of normal and preneoplastic cell populations for tumor promotion in rat liver.

Abnormal alpha 2-chain in type I collagen from a patient with a form of osteogenesis imperfecta.

Assessment of skin irritancy: measurement of skin fold thickness.

Enhancement of the skin tumor-initiating activity of polycyclic aromatic hydrocarbons by methyl-substitution at non-benzo 'bay-region' positions.

A comparative cytogenetic study on cases of induced abortions in TCDD-exposed and nonexposed women.

Effect of high fat and iron levels on the growth and mortality of chickens.

Purification and properties of human erythrocyte uroporphyrinogen decarboxylase: immunological demonstration of the enzyme defect in porphyria cutanea tarda.

Oxygen radicals and vascular damage.

[Pharmacological and clinico-pharmacological studies of a combination preparation for calves having antianemia and general tonic action].

Acute dermal toxicity of tetrachlorophenols in the rat.

Natural history of TCDD-induced liver lesions in rats as observed by transmission electron microscopy during a 32-week period after a single intraperitoneal injection.

Inhalation of products of combustion.

Uptake and retention of moulting hormones by the integument of crayfishes in vitro. II. Influence of metabolic inhibitors and sulphhydryl group inhibitors.

Oxygen and redox-active drugs: shared toxicity sites.

Lipid peroxidation as a possible cause of TCDD toxicity.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) effects on hepatic microsomal steroid metabolism and serum estradiol of pregnant rats.

Higher Chlorinated Dioxins Implicated in the Mortality of Young Pigs Kept on a Pentachlorophenol-treated Wooden Floor.

Effect of polycyclic aromatic compounds and phorbol esters on ornithine decarboxylase and aryl hydrocarbon hydroxylase activities in mouse liver.

Occurrence of 2,6-dichlorophenol in *Dermacentor albipictus* and *Haemaphysalis leporispalustris* (acari: Ixodidae).

Phagocytosis of mast cell granules by cultured fibroblasts.

Sensitivity of passive cutaneous anaphylaxis in rats. I. Inverse relationship between PCA sensitivity and amount of IgE present on mast cells.

Mechanism of skin surface lipid peroxidation.

Extensive labelling of injured insect neurons with seven different heme peptides.

[Paraquat poisoning. Prognostic and therapeutic evaluation in 28 cases].

Measurement of 2,4-dichlorophenoxyacetic acid (2,4-D) after occupational exposure.

[Experimental chronic paraquat poisoning. Functional and histopathological pulmonary changes].

Allergic contact dermatitis to chloridazon.

Allergic hypersensitivity to the herbicide 2,4-D in BALB/c mice.

Skin absorption of paraquat.

Prognosis and treatment of paraquat poisoning: a review of 28 cases.

Fatal paraquat poisonings after skin absorption.

Non-occupational exposure to pentachlorophenol: clinical findings and plasma-PCP-concentrations in three families.

Studies of the occupational exposure of Malaysian plantation workers to paraquat.

Increase in the penetration of tracer compounds into the rat brain during 2-methyl-4-chlorophenoxyacetic acid (MCPA) intoxication.

Effects of the bipyridilium herbicides, diquat and paraquat, on in vivo hexose absorption and fluid transfer in adult mice.

[Paraquat intoxication, an ultra-structural study of lung lesions. In connection with a case study (author's transl)].

Ultrastructural evidence of pulmonary capillary endothelial damage from paraquat.

Correlation between the loss of the transformed phenotype and an increase in superoxide dismutase activity in a revertant subclone of sarcoma virus-infected mammalian cells.

Possible cardiovascular hazards of the alcohol-calcium carbimide interaction.

Antimutators of mitochondrial and nuclear DNA in *Saccharomyces cerevisiae*. Relationship with gamma-ray sensitivity.

Tumour promotion by TCDD in skin of HRS/J hairless mice.

[Drug-induced lesions of the esophagus].

Industrial contact dermatitis due to nitro and amino derivatives. 2nd report: experimental study of cross sensitivities of amino derivatives.

Differential effects of 2,4-dinitrophenol and valinomycin (+ K⁺) on uncoupler-stimulated ATPase of human tumor mitochondria.

Autocatabolism of surface macromolecules shed by human melanoma cells.

Nonhelical, fibronectin-binding basement-membrane collagen from endodermal cell culture.

Human skin collagenase in recessive dystrophic epidermolysis bullosa. Purification of a mutant enzyme from fibroblast cultures.

Medicinal arsenic and internal malignancies.

Increased urinary D-glucaric acid excretion by children living in an area polluted with tetrachlorodibenzoparadioxin (TCDD).

Collagen polymorphism in the normal and diseased blood vessel wall. Investigation of collagens types I, III and V.

Immunity to homologous type III collagen after partial meniscectomy and sham surgery in rabbits.

[Pathogenesis of hyperlipidemia and fatty liver of rabbits induced by methyl iodide. Increased synthesis and secretion of triglyceride in the liver].

Influence of selected fatty acids upon plaque formation and caries in the rat.

Molecular steps in the action and regulation of epidermal growth factor: a cellular mitogen.

Structural properties of Type I collagen isolated from chickens with scoliosis.

Health effects of chlorophenol wood preservatives on sawmill workers.

Mortality study of persons exposed to dioxin in a trichlorophenol-process accident that occurred in the BASF AG on November 17, 1953.

Toxicity of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin (TCDD).

Corneocyte morphology and formation rate in lichen planus and experimental parakeratosis in subjects with and without psoriasis.

Delayed-type hypersensitivity in rabbits. Comparison of the adjuvants dimethyl dioctadecyl ammonium bromide and Freund's complete adjuvant.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated depression of rat testicular heme synthesis and microsomal cytochrome P-450.

Effects of PAM, proPAM, and DFP on behavior, thermoregulation, and brain AChE in rats.

2-14C-1-Allyl-3,5-diethyl-6-chlorouracil I: Synthesis, absorption in human skin, excretion, distribution, and metabolism in rats and rabbits.

[Reaction of rat subcutaneous connective tissue to camphorated parachlorophenol and aqueous 2% parachlorophenol].

Effect of certain pesticides on active sodium transport in the epithelium of isolated frog skin.

Collagen metabolism in rat incisor predentine in vivo: synthesis and maturation of type I, alpha 1 (I) trimer, and type V collagens.

Collagens from the skin and cartilage of the larval salamander *Ambystoma tigrinum*.

Increases in choline levels in rat brain elicited by meclofenoxate.

Carcinogenesis Bioassay of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (CAS No. 1746-01-6) in Swiss-Webster Mice (Dermal Study).

Mitochondrial bioenergetics during the initiation of mercuric chloride-induced renal injury. II. Functional alterations of renal cortical mitochondria isolated after mercuric chloride treatment.

Effect of phospholipase A2 on calcium transport in brain synaptosomes.

Adjuvant activity of dimethyl dioctadecyl ammonium bromide in guinea pigs. I. Skin test reactions.

The toxicokinetics of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in mammalian systems.

Histamine release from rat peritoneal mast cells exposed to ultraviolet light.

Allergic contact dermatitis to cyanamide (carbodiimide).

Allergen replacement (alternatives) in the management of contact dermatitis.

Subchronic administration of technical pentachlorophenol to lactating dairy cattle: immunotoxicologic evaluation.

The disulfiram (Antabuse)-Alcohol reaction in male alcoholics: its efficient management by 4-methylpyrazole.

Non-Hodgkin's lymphoma of the skin and occupational exposure to herbicides.

Hepatic injury associated with paraquat toxicity in humans.

Preliminary experimental contribution to the study of possible carcinogenic activity of two herbicides containing atrazine-simazine and trifluralin as active principles.

Paraquat poisoning in Papua New Guinea.

A comparative study on the effects of paraquat and diquat on cultured human cells.

Potential exposure of humans to 2,4,5-T and TCDD in the Oregon coast ranges.

Diquat intoxication: report of two cases and review of the literature.

Inhalation toxicity of acrylic acid.

[Superficial applications of resins and plastics: paints, varnishes, waxes, glues, insecticides].

Intrabronchial instillation of paraquat in rats: lung morphology and retention study.

[Hepatic lesion in three autopsy cases of paraquat poisoning (author's transl)].

Assessment of the teratogenic potential of acrolein and cyclophosphamide in a rat embryo culture system.

Repeated exposure to alpha-ethylacrolein vapour: subacute toxicity study in rats.

[Assessment of the potential risk for progeny in work with endodan (experimental studies)].

[Embryotropic action of the triazine herbicide polyzin 50].

[Field study of workers with longterm exposure to calcium cyanamide (author's transl)].

Subchronic administration of technical pentachlorophenol to lactating dairy cattle: performance, general health, and pathologic changes.

[Cardiogenic gas mixing in dogs with interstitial lung lesion induced by paraquat (author's transl)].

Mutagenic activity of diallate and triallate determined by a battery of in vitro mammalian and microbial tests.

Pharmacokinetics of 2,4,5-T PGBE ester applied dermally to rats.

Acute toxicity testing of some herbicides-, alkaloids-, and antibiotics-metabolizing soil bacteria in the rat.

Marfan syndrome: abnormal alpha 2 chain in type I collagen.

Antigen receptors on murine T lymphocytes in contact sensitivity. I. Functional inhibition of effector T cells by monovalent 2,4-dinitrophenol: implication for a two-receptor model.

Specific hypo-responsive granulomatous tissue reactions in *Brugia pahangi*-infected jirds.

Non-Hodgkin's lymphoma of the scalp in workers exposed to dioxins.

Reduced secretion of structurally abnormal type I procollagen in a form of osteogenesis imperfecta.

Analysis of lipids and dioxin in chloracne due to tetrachloro-2,3,7,8-p-dibenzodioxin.

A non-mitogenic analogue of epidermal growth factor enhances the phosphorylation of endogenous membrane proteins.

Enzymatic alterations in mouse hepatic nodules induced by a chlorinated hydrocarbon pesticide.

Antibody formation to dog pulp tissue altered by camphor paramonochlorophenol via the root canal.

Chloracne following environmental contamination by TCDD in Seveso, Italy.

Entactin, a novel basal lamina-associated sulfated glycoprotein.

[Use of calcium hydroxide in the treatment of teeth with periapical lesions: clinical observation of 13 cases].

Investigation of type I and type III collagens of the lung in progressive systemic sclerosis.

Suppression of contact sensitivity by IgG1 antihapten antibody in contact-sensitized guinea pigs.

The development and prognosis of chronic intoxication by tetrachlordibenzo-p-dioxin in men.

Octopus skin collagen. Isolation and characterization of collagen comprising two distinct alpha chains.

Somatic embryogenesis and plant regeneration from leaf tissues of *Panicum maximum* Jacq.

Somatic embryogenesis and plant regeneration from leaf tissues and anthers of *Pennisetum purpureum* Schum.

Enzyme histochemistry and immunohistochemistry on biopsy specimens of pathologic human bone marrow.

The differential localization of various drug metabolizing systems within the rat liver lobule as determined by the hepatotoxins allyl alcohol, carbon tetrachloride and bromobenzene.

Changes in body temperature after administration of antipyretics, LSD, delta 9-THC, CNS depressants and stimulants, hormones, inorganic ions, gases, 2,4-DNP and miscellaneous agents.

High-affinity [³H]choline accumulation in cultured human skin fibroblasts.

[The adhesion of blood platelets to collagen: molecular features of collagen (author's transl)].

Reactions of guinea pig subcutaneous connective tissue to direct or long distance exposure to parachlorophenol- or formalin-containing endodontic drugs.

Perioral leukoderma simulating vitiligo from use of a toothpaste containing cinnamic aldehyde.

[Bowen's disease with multiple lesions caused by chronic arsenic poisoning].

Dioxin. A case in point.

Toxicity and bioaccumulation of pentachlorophenol in broiler chickens.

Agent Orange and skin rash--a different experience.

Action of intensive cigarette smoke inhalations on the rat lung. Role of particulate and gaseous cofactors.

Clinical findings in workers exposed to pentachlorophenol.

Pentose pathway in pulmonary fibrosis due to chronic paraquat poisoning.

[Effect of the pesticide, fundazol, on the myocardium of rats with experimental atherosclerosis].

Paraquat: a review of worker exposure in normal usage.

Contact urticaria from cinnamic aldehyde.

The embryotoxicity of the cyclophosphamide metabolite acrolein in rabbits, tested in vivo by i.v. injection and by the yolk-sac method.

The effect of high concentrations of oxygen on paraquat and diquat toxicity in rats.

Exposure of pesticide applicators to arsenic acid.

Inhibition of mosaic virus of *Vigna sinensis* Endl. with four chemicals.

The autoradiographic localization of paraquat in the lung.

[Skin absorption of 2,4-dichlorophenoxyacetic acid].

Estimation of occupational exposure to phenoxy acids (2,4-D and 2,4,5-T).

Influence of solvents and adsorbents on dermal and intestinal absorption of TCDD.

Mortality experience of employees exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Bovine peripheral nervous system myelin P2 protein: chemical and immunological characterization of the cyanogen bromide peptides.

[Problems arising from disease during the periods of breeding and rearing canaries and other aviary birds (author's transl)].

[Immunotherapy of multiple recurring warts. Reassessment of the use of dinitrochlorobenzene (author's transl)].

Time-dependent inhibition by 2,3,7,8-tetrachlorodibenzo-p-dioxin of skin tumorigenesis with polycyclic hydrocarbons.

Characterization of collagen synthesized by normal and chemically transformed rat liver epithelial cell lines.

Allergic contact dermatitis from methylisothiocyanate in soil disinfectants.

Acute poisoning due to Wright's vaporizing fluid.

Epidermal growth factor induces tyrosine hydroxylase in a clonal pheochromocytoma cell line, PC-G2.

Nonanoic acid irritation - a positive control at routine patch testing?

Acute human exposure to TCDD in Seveso, Italy.

Collagen biosynthesis by human skin fibroblasts. II. Isolation and further characterization of type I and type III procollagens synthesized in culture.

Bioassay of a Mixture of 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin and 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (Gavage) for Possible Carcinogenicity (CAS No. 57653-85-7, CAS No. 19408-74-3).

Bioassay of a Mixture of 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin and 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (Dermal Study) for Possible Carcinogenicity (CAS No. 57653-85-7; CAS No. 19408-74-3).

[Liver regeneration characteristics in young rats in allyl alcohol lesion of the periportal areas].

Influence of hypoxia on the hepatotoxic effects of carbon tetrachloride, paracetamol, allyl alcohol, bromobenzene and thioacetamide.

Collagen synthesis and turnover following particle phagocytosis in dermal fibroblasts.

In vitro synthesis of tissue-specific type II collagen by healing cartilage. I. Short-term repair of cartilage by mature rabbits.

Effect of 2,4-dichlorophenoxyacetic acid on multiplication of tobacco mosaic virus in protoplasts from local-lesion and systemic-responding tobaccos.

Combined action of hepatotoxic substances and increased environmental temperature on the liver of rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxic effects and tissue levels in animals from the contaminated area of Seveso, Italy.

Occupational exposures to pesticides containing organoarsenicals in California.

Delayed neurotoxic, late acute and cholinergic effects of S,S,S-tributyl phosphorotrithioate (DEF): subchronic (90 days) administration in hens.

Biochemical and morphological correlation of oxidant-induced pulmonary injury: low dose exposure to paraquat, oxygen, and ozone.

[Effect of a dinitro-o-cresol-containing herbicide (Hedolit) on human reproduction].

A clinical survey of paraquat formulation workers.

Effects of paraquat aerosol on mouse lung.

[Skin sensitization to wood preservatives containing pentachlorophenol (PGP)].

Vehicle alteration of paraquat lethality in mice.

Early bronchiolar damage following paraquat poisoning in mice.

Carcinogenicity testing of herbicide 2,4,5-trichlorophenoxyethanol containing dioxin and of pure dioxin in Swiss mice.

Pulmonary effects of contact exposure to paraquat: a clinical and experimental study.

[Current dermatological problem: skin diseases caused by pesticides].

Toxicity of 1,1'-alkyl-4,4'-bipyridylium salts in the rat.

Allergic contact dermatitis from Betanal (phenmedipham).

Review of the toxicology of paraquat (1,1'-dimethyl-4,4'-bipyridinium chloride).

Propanil-chloracne and methomyl toxicity in workers of a pesticide manufacturing plant.

The effect of some selected pesticides on the embryonal development of *Acheta domesticus*.

[Allergic contact dermatitis due to propachlor (author's transl)].

Influence of histamine on estrogen-induced inhibition of compensatory ovarian hypertrophy in hemiovariectomized rats.

Tissue distribution of paraquat and diquat after oral administration in rats.

The effect of oxygen and paraquat on the ¹⁴C-glucose oxidation of rabbit alveolar macrophages and lung slices.

[Alterations in the survival of x-irradiated cells by 2,4-dinitrophenol depending on ATP deprivation].

Anticarcinogenic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on benzo(a)pyrene and 7,12-dimethylbenz(a)anthracene tumor initiation and its relationship to DNA binding.

Acute pulmonary injury in rats by nitrofurantoin and modification by vitamin E, dietary fat, and oxygen.

Human health effects from accidental release of tetrachlorodibenzo-p-dioxin (TCDD) at Seveso, Italy.

Nature of collagen in dermatofibrosarcoma protuberans.

Isolation and immunochemical characterization of antibodies from the sera of cancer patients which are reactive against human melanoma cell membranes by affinity chromatography.

Longitudinal study of tolyl-reactive IgE antibodies in workers hypersensitive to TDI.

Contact dermatitis from hydrazine derivatives.

Specific IgE antibodies to platinum salts in sensitized workers.

2,3,7,8-Tetrachlorodibenzo-P-dioxin: potent anticarcinogenic activity in CD-1 mice.

Skin responses to ultraviolet radiation in contact photodermatitis due to fentichlor.

Abnormal protein synthesis in malignant melanoma cells.

Alterations in the survival of X-irradiated cells by 2,4-dinitrophenol depending on ATP deprivation.

Estimation of the TCDD toxic potential in the light of the Seveso accident.

Bovine type I collagen: A study of cross-linking in various mature tissues.

The covalent structure of calf skin type III collagen. VI. The amino acid sequence of the carboxyterminal cyanogen bromide peptide alpha 1(III)CB9B (position 928--1028).

The covalent structure of calf skin type III collagen. V. The amino acid sequence of the cyanogen bromide peptide alpha 1(III)CB9A (position 789 to 927).

The covalent structure of calf skin type III collagen. IV. The amino acid sequence of the cyanogen bromide peptide alpha 1(III)CB5 (positions 552--788).

The covalent structure of calf skin type III collagen. III. The amino acid sequence of the cyanogen bromide peptide alpha 1(III)CB4 (positions 403--551).

The covalent structure of calf skin type III collagen. II. The amino acid sequence of the cyanogen bromide peptide alpha 1(III)CB1,8,10,2 (Positions 223--402).

Cell-mediated immune response to dog pulpal tissue altered by camphor paramonochlorophenol.

The formation of dihydrodiols by the chemical or enzymic oxidation of 7-hydroxymethyl-12-methylbenz[alpha]anthracene and the possible role of hydroxymethyl dihydrodiols in the metabolic activation of 7,12-dimethylbenz[alpha]anthracene.

Local aggregation of hormone-receptor complexes is required for activation by epidermal growth factor.

Isolation and characterization of a double chain intermolecular cross-linked peptide from insoluble calf bone collagen.

Evidence that induction and suppression of mutations and recombinations by chemical mutagens in *S. cerevisiae* during mitosis are jointly correlated.

Bioassay of dibenzo-p-dioxin for possible carcinogenicity.

Bioassay of 2,7-dichlorodibenzo-p-dioxin (DCDD) for possible carcinogenicity.

The effect of perinatal exposure to tetrachlorodibenzo-p-dioxin on the immune response of young mice.

An immunoperoxidase method for the demonstration of allergen-specific IgE in serum.

Percutaneous paraquat absorption. An association with cutaneous lesions and respiratory failure.

An effect of paraquat on the lungs of rabbits. Its implications in smoking contaminated marijuana.

[Chemical dermatoses from nitrophenol exposure].

The pathology and biochemistry of paraquat.

Dermal exposure to paraquat.

Acute percutaneous paraquat poisoning.

[Pathomorphological studies in experimental simazine poisoning of sheep].

Poisoning 1978--a medical problem, or a social lesion.

Comparative effects of aminotriazole on normal and acatalasemic mice.

[Parthenium hysterophorus allergy. A weed problem in India (author's transl)].

An assessment of human exposure to N-nitroso compounds.

2,3,7,8-tetrachlorodibenzo-p-dioxin as cocarcinogen causing 3-methylcholanthrene-initiated subcutaneous tumors in mice genetically "nonresponsive" at Ah locus.

Medical problems raised by the TCDD contamination in Seveso, Italy.

Nasopharyngeal carcinoma associated with long-term arsenic ingestion.

Lack of tumor-promoting ability of certain environmental chemicals in a two-stage mouse skin tumorigenesis assay.

The distribution of antigen in flare up reaction in contact sensitivity to DNCB.

Collagen polymorphism in pathologic human scars.

Nonsecreting myeloma variants with heavy-chain carbohydrate deficiencies.

Cell-mediated and humoral immunity to chick type II collagen and its cyanogen bromide peptides in guinea-pigs.

[Contact acne: a typical civilizational dermatosis (author's transl)].

The biosynthesis of phosphoporphyrins and dentin collagen in the continuously erupting rat incisor.

[Cyanogen bromide fractionation by skin collagen].

Human skin collagen. Presence of type I and type III at all levels of the dermis.

Bioassay of picloram for possible carcinogenicity.

Bioassay of trifluralin for possible carcinogenicity.

Bioassay of sulfallate for possible carcinogenicity (CAS No. 95-06-7).

[Occupational liver lesions].

Pulmonary reactions to drugs.

[Pulmonary injury of mice produced by chronically peroral treatment with different substances (author's transl)].

Chloracne from manufacture of a new herbicide.

Pulmonary ultrastructure after oral and intravenous dosage of paraquat to rats.

Contact dermatitis and depigmentation produced by the herbicide Carbyne.

[Severe accidental acrolein intoxication in the home (author's transl)].

[Experimental substantiation of the maximum permissible concentration of Reglone in the air of a work environment].

[Acute poisonings with Gramoxone (paraquat)].

[Dermatological views on the use of chemical substances in modern agriculture].

Allergic contact dermatitis to herbicides.

Contact urticarial skin responses to cinnamaldehyde.

In vivo oxidation of reduced nicotinamide-adenine dinucleotide phosphate by paraquat and diquat in rat lung.

[Characteristics of the skin resorptive action of new pesticides belonging to different chemical groups].

Effect of herbicidal killing of shrubs on abundance of adult *Dermaceter andersoni* (Acarina: Ixodidae) in British Columbia.

[Mechanism of metabolic and ionic germination of "Bacillus licheniformis" spores treated with hydrogen peroxide (author's transl)].

[Chloracne due to tetrachloro-2,3,7,8-dibenzo-p-dioxin in children (author's transl)].

Human dander in house dust allergy.

Tumor-initiating ability of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and Arochlor 1254 in the two-stage system of mouse skin carcinogenesis.

Dioxin: a new biological probe?

Morphological changes in monkeys consuming a diet containing low levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Cytogenetic study of the mutagenic properties of the repellents dimethyl phthalate and phenoxyacetic acid N,N-diethylamide].

Suppressor cells in tolerance to contact sensitivity active against hapten-syngeneic and hapten-allogeneic determinants.

Purification of equine infectious anemia virus antigen by affinity chromatography.

Epidemiology and pathology of a tetrachlorodibenzodioxin poisoning episode.

The collagen of heart valve.

Synthesis of types I and III procollagen and collagen by monkey aortic smooth muscle cells in vitro.

SDS-polyacrylamide gel electrophoretic determination of type I and type III collagen in small skin samples.

Melittin: an allergen of honeybee venom.

The effect of aeration and metabolic inhibitors on resistance to amphotericin in starved cultures of *Candida albicans*.

Resolution of parameters in the equivalent electrical circuit of the sodium transport mechanism across toad skin.

Bioassay of chloramben for possible carcinogenicity.

Effect of inhibitors on transepithelial efflux of Na and nonelectrolytes in frog skin.

Recovery from inhalation of diquat aerosol.

Tumorigenic effect of 3-amino-1H-1,2,4-triazole on rat thyroid.

Strain differences in histopathologic, hematologic, and blood chemistry changes induced in mice by a technical and a purified preparation of 2,4,5-trichlorophenoxyacetic acid.

[Chloracne, porphyria cutanea tarda, and other poisonings due to the herbicides].

Bioassay of 2, 4, 5-trichlorophenoxyacetic acid for carcinogenicity in mice.

Effects of vehicles and elicitation concentration in contact dermatitis testing. I. Experimental contact sensitization in humans.

3,4,3',4'-Tetrachloro azoxybenzene and azobenzene: potent inducers of aryl hydrocarbon hydroxylase.

Metabolism of [1-(14)C] and [2-(14)C] leucine in cultured skin fibroblasts from patients with isovaleric acidemia. Characterization of metabolic defects.

Anti-tumorigenic effect of maleic hydrazide on mouse skin.

Effects of selected herbicides and plant hormones on *Prototheca wickerhamii*.

Sequential histopathologic, hematologic, and blood chemistry changes induced in mice by a technical and a purified preparation of 2,4,5-trichlorophenoxyacetic acid.

High uptake in the erythrocytes and the spleen of the quaternary dipyridylum salt paraquat injected intravenously in hypotonic solutions.

Binding of chick skin collagen alpha 1 chain by isolated membranes from human platelets.

Preparation of intact monomeric collagen from rat tail tendon and skin and the structure of the nonhelical ends in solution.

Studies on the modification of renal lesions due to aspirin and oxyphenbutazone in the rat and the effects on the kidney of 2:4 dinitrophenol.

NH₂-terminal extensions on skin collagen from sheep with a genetic defect in conversion of procollagen into collagen.

Collagen polymorphism in idiopathic chronic pulmonary fibrosis.

Effect of hypothyroidism on responsiveness to beta-adrenergic stimulation.

From fentichlor sensitivity to actinic reticuloid?

Toxicity of methyl bromide and other gaseous insecticides to *Triatoma infestans*.

Isolation and characterization of CNBr derived peptides of the alpha1 (III) chain of pepsin-solubilized calf skin collagen.

Isolation of a crosslinked cyanogen-bromide peptide from insoluble rabbit collagen. Tissue differences in hydroxylation and glycosylation of the crosslink.

¹²⁵I-labeled human epidermal growth factor. Binding, internalization, and degradation in human fibroblasts.

Saturation kinetics of sodium efflux across isolated frog skin.

Homocysteine thiolactone metabolism in malignant cells.

Cytochrome P-450 content and mixed-function oxidase activity in microsomes isolated from mouse skin.

Irritant dermatitis from diallylglycol carbonate monomer in the optical industry: clinical and experimental studies of cutaneous tolerance and chemical investigations.

Collagen-and collagen peptide-induced chemotaxis of human blood monocytes.

Active sodium uptake by the skin of foetal sheep and pigs.

Gastrointestinal effects of acute ferrous sulfate poisoning in rats.

Percutaneous penetration and metabolism of topical (¹⁴C)flutamide in men.

Lung collagen heterogeneity. Synthesis of type I and type III collagen by rabbit and human lung cells in culture.

The cyanogen bromide peptides of bovine soluble and insoluble collagens. II. Tissue specific cross-linked peptides of insoluble skin and dentin collagen.

Experimental study on contact dermatitis due to herbicides sodium chlorate and sodium 2,2-dichloropropionate.

Skin disorders caused by herbicides sodium chlorate and sodium 2,2-dichloropropionate.

Toxicity studies with 5-bromo-3-sec-butyl-6-methyluracil.

[Morphological and toxicological studies of experimental diquat poisoning].

[Clinical and laboratory findings in the acute damage by precursors of the weed-killer "burex" (author's transl)].

[Ultrastructural study of a renal biopsy in a patient poisoned by paraquat].

[Treatment of dermatoses caused by pesticides].

[Acute toxic liver lesion through industrial noxious substances and drugs in higher than therapeutic doses].

Sensitivity to cinnamic aldehyde in a toothpaste. 2. Further studies.

Cinnamic aldehyde in toothpaste. 1. Clinical aspects and patch tests.

Cinnamic aldehyde allergy.

Short-term oral and dermal toxicity of MCPA and MCPP.

Aroma chemicals: Reference sources for perfume and flavour ingredients with special reference to cinnamic aldehyde.

Contact dermatitis from lead cyanamide.

Pathological changes in the liver of mice given 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Influence of IgG antibody and glycopeptide allergens on the correlation between the radioallergosorbent test (RAST) and skin testing or bronchial challenge with alternaria.

Reduced beta-adrenergic responsiveness in hypothyroid rats.

Basement membranes: structural and biosynthetic considerations.

Angiosarcoma of the liver associated with Fowler's solution (potassium arsenite).

A histochemical study of the liver lesion induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (dioxin) in rats.

Immunoglobulin E antibody formation in response to homologous rabbit albumin heavily substituted with dinitrophenol: effect of adjuvant.

Patients with Ehlers-Danlos syndrome type IV lack type III collagen.

Comparison of the cyanogen bromide peptides of insoluble guinea-pig skin and scar collagen.

Antigenic activity, in humans, of purified low molecular weight fractions of timothy pollen.

Asthma in the highlands of New Guinea Total IgE levels and incidence of IgE antibodies to house dust mite and *Ascaris lumbricoides*.

Serum IgE levels during the potentiated reagin response to egg albumin in rats infected with *Nippostrongylus brasiliensis*.

Drug-induced dyskinesia in monkeys.

Dihydroxydichlorodiphenylmonosulphide in a deodorant.

Liver biopsy in methotrexate-treated psoriatics-a re-evaluation.

Inhibition of peptide chain initiation in lysates from ATP-depleted cells. I. Stages in the evolution of the lesion and its reversal by thiol compounds, cyclic AMP or purine derivatives and phosphorylated sugars.

The covalent structure of collagen. The chymotrypsin, trypsin and hydroxylamine peptides derived from alpha2-CB4 of calf-skin collagen.

Isolation, chemical and electron microscopical characterization of neutral-salt-soluble type III collagen and procollagen from fetal bovine skin.

Some features of hydrogen (ion) secretion by the frog skin.

Interaction of a chick skin collagen fragment (alpha1-CB5) with human platelets. Biochemical studies during the aggregation and release reaction.

Chloride transport across isolated skin of *Rana pipiens*.

The order of cyanogen-bromide peptides and location of carbohydrate in the alpha2 chain of guinea-pig skin collagen.

The amino acid sequence of chick skin collagen alpha1-CB7.

Mitochondria and polarity in the egg of *Smittia spec.* (Diptera, Chironomidae): UV irradiation, respiration measurements, ATP determination and application of inhibitors.

Covalent structure of collagen: amino acid sequence of alpha1-CB6A of chick skin collagen.

Covalent structure of collagen: amino acid sequence of alpha1-CB3 of chick skin collagen.

[Isolation and properties of a preparation of arterial collagen solubilized by pretreatment with alkali (author's transl)].

Fractionation and characterization of surface antigens from group A *Neisseria meningitidis*.

The covalent structure of collagen: amino-acid sequence of the cyanogen-bromide peptides alpha1-CB2, alpha1-CB4 and alpha1-CB5 from calf-skin collagen.

Microbodies and an anomalous "microcylinder" in the ultrastructure of plants with Crassulacean acid metabolism.

Effects of exogenous ATP on short-circuit current and potential difference of the isolated frog skin.

A household remedy misused--fatal cresol poisoning following cutaneous absorption (a case report).

A radioimmunoassay for chemically modified grass pollen allergen.

[Pulmonary edema due to inhalation of gas and vapors].

Paraquat lung: a reappraisal.

[Leukonychia in bands due to paraquat].

[Modification of infrared irradiation of the skin after the effect of various indifferent substances].

Letter: Nail damage caused by weed killers and insecticides.

Editorial: Arsenic makes a comeback.

[Alveolitis and pulmonary fibrosis--an attempt at a synopsis].

[Acne chlorina, porphyria cutanea tarda and other manifestations of general poisoning during the manufacture of herbicides. II].

Toxic effects of the herbicide paraquat.

Direct injection of experimental mammary adenocarcinoma with picloram.

Proceedings: Investigations on the embryotoxic effect of 2,4,5-T in NMRI-mice.

[Modification of the heat transfer coefficient of the skin following the effect of various substances].

The covalent structure of collagen: amino acid sequence of the N-terminal region of alpha2-CB3 from rat skin collagen and alpha2-CB3.5 from calf skin collagen.

Carcinogenic activity of smoke condensate from cigarettes with ammonium sulfamate-treated paper.

Interaction of an active glycopeptide from chick skin collagen (alpha 1-CB5) with human platelets.

A morphological study of the liver lesion induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats.

Suppression of cellular immunity in rats and mice by maternal treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Liver biopsy in psoriatics previously treated with potassium arsenite. A controlled study.

Allergens of mammalian origin. III. Properties of a major feline allergen.

Purification of large crosslinked peptides from insoluble calf bone and skin collagens by hydroxyapatite chromatography.

Chemical studies on the cyanogen bromide peptides of rat skin collagen. Amino acid sequence of alpha 1-CB3.

Lung collagen heterogeneity.

Regulation of organogenesis in small explants of superficial tissue of *Nicotiana tabacum* L.

(Alpha1(3))3 human skin collagen. Release by pepsin digestion and preponderance in fetal life.

Isolation, characterization and comparative studies of the N-terminal peptides from soluble pig skin collagen.

Non-immunogenicity of purified hyaluronic acid preparations tested by passive cutaneous anaphylaxis.

Table 2A-7 – Titles of Pubmed Records Related to Endocrine/Metabolic Adverse Events Following Herbicide Exposure

ADDISON; *ADRENAL*; *CUSHING*; *DIABET*; *FABRY*; *GLAND*; *GOITER*; *GOITRE*; *GRAVE*; *HASHIMOTO*; *HORMON*; *METABOL*; *OBESE*; *OBESITY*; *PANCREA*; *PITUITARY*; *POLYCYSTIC OVARIAN SYNDROME*; *PORPHYRIA*; *THYROID* (15402)

A review of the impact of herbicides and insecticides on the microbial communities.

Assessing the ecological impact of pesticides/herbicides on algal communities: A comprehensive review.

Neurotoxicity of glyphosate: Focus on molecular mechanisms probably associated with alterations in cognition and behavior.

Co-exposure to environmental microplastic and the pesticide 2,4-dichlorophenoxyacetic acid (2,4-D) induce distinctive alterations in the metabolome and microbial community structure in the gut of the earthworm *Eisenia andrei*.

Usefulness of oxidative stress biomarkers in native species for the biomonitoring of pesticide pollution in a shallow lake of the Austral Pampas, Argentina.

Regulation of NCOA4-mediated iron recycling ameliorates paraquat-induced lung injury by inhibiting ferroptosis.

Developmental regulation of cellular metabolism is required for intestinal elongation and rotation.

Association of UGT1A1 gene variants, expression levels, and enzyme concentrations with 2,3,7,8-TCDD exposure in individuals exposed to Agent Orange/Dioxin.

A combination of silymarin and garlic extract enhances thyroid hormone activation and body metabolism in orally intoxicated male rats with atrazine: Impact on hepatic iodothyronine deiodinase type 1.

Pubertal glyphosate-based herbicide exposure aggravates high-fat diet-induced obesity in female mice.

Understanding atrazine elimination via treatment of the enzyme-based Fenton reaction: Kinetics, mechanism, reaction pathway, and metabolites toxicity.

In vivo estrogenicity of glyphosate, its formulations, and AMPA on transgenic zebrafish (*Danio rerio*) embryos.

In vitro antiandrogenic effects of the herbicide linuron and its metabolites.

Hormonal and haematological biomarkers as indicators of stress induced by Diuron herbicide toxicity on *Clarias gariepinus* (Burchell, 1822) sub-adults.

Abalone peptide increases stress resilience and cost-free longevity via SKN-1-governed transcriptional metabolic reprogramming in *C. elegans*.

Intergenerational consequences of an auxin-like herbicide on plant sensitivity to a graminicide mediated by a fungal endophyte.

Glyphosate Disorders Soil Enchytraeid Gut Microbiota and Increases Its Antibiotic Resistance Risk.

Metabolomic Changes in Rat Serum after Chronic Exposure to Glyphosate-Based Herbicide.

Exposure to pentachlorophenol destructs the symbiotic relationship between zooxanthellae and host and induces pathema in coral *Porites lutea*.

Biochemical and physiological alterations caused by Diuron and Triclosan in mussels (*Mytilus galloprovincialis*).

The ROS/SIRT1/STAR axis as a target for melatonin ameliorating atrazine-induced mitochondrial dysfunction and steroid disorders in granulosa cells.

Atrazine exposure caused oxidative stress in male rats and inhibited brain-pituitary-testicular functions.

Evaluation of neurological behavior alterations and metabolic changes in mice under chronic glyphosate exposure.

Diuron and its metabolites induce mitochondrial dysfunction-mediated cytotoxicity in urothelial cells.

A mixture of glyphosate and 2,4-D herbicides enhances the deleterious reproductive outcomes induced by Western diet in obese male mice.

Ultimate fate, transformation, and toxicological consequences of herbicide pretilachlor to biotic components and associated environment: An overview.

2,4-D mediated moderation of aluminum tolerance in *Salvinia molesta* D. Mitch. with regards to bioexclusion and related physiological and metabolic changes.

Analysis of the association between urinary glyphosate exposure and fatty liver index: a study for US adults.

Association of hair polychlorinated biphenyls and multiclass pesticides with obesity, diabetes, hypertension and dyslipidemia in NESCAV study.

Trp-574-Leu mutation and metabolic resistance by cytochrome P450 gene conferred high resistance to ALS-inhibiting herbicides in *Descurainia sophia*.

ATR induces hepatic lipid metabolism disorder in rats by activating IRE1 $\hat{\pm}$ /XBP1 signaling pathway.

Cinnamaldehyde as a Promising Dietary Phytochemical Against Metabolic Syndrome: A Systematic Review.

Degradation study of the trans-cinnamaldehyde and limonene biopesticides and their metabolites in cucumber by GC and UHPLC-HRMS: Laboratory and greenhouse studies.

Flow cytometric assessments of metabolic activity in bacterial assemblages provide insight into ecosystem condition along the Buffalo National River, Arkansas.

Insights on cyclophosphamide metabolism and anticancer mechanism of action: A computational study.

Chiral herbicide imazethapy influences plant-soil feedback on nitrogen metabolism by shaping rhizosphere microorganisms.

Protective mechanisms of neral as a plant-derived safener against fenoxaprop-p-ethyl injury in rice.

Perioperative exposure to volatile organic compounds in neonates undergoing cardiac surgery.

Pyroxasulfone Metabolism in Resistant *Lolium rigidum*: Is It All Down to GST Activity?

Glyphosate (Roundup) as phosphorus nutrient enhances carbon and nitrogen accumulation and up-regulates phosphorus metabolisms in the haptophyte *Isochrysis galbana*.

Effects and mechanisms of glyphosate as phosphorus nutrient on element stoichiometry and metabolism in the diatom *Phaeodactylum tricornutum*.

Associations of maternal exposure to 2,4-dichlorophenoxyacetic acid during early pregnancy with steroid hormones among one-month-old infants.

Non-cytochrome P450 enzyme aldehyde oxidase is involved in the oxidative metabolic pathway of diquat and its detoxification effect.

Fungal derived herbicidal metabolite loaded starch-chitosan-gum acacia-agar based bio composite: Preparation, characterization, herbicidal activity, release profile and biocompatibility.

Exposure levels and health implications of fungicides, neonicotinoid insecticides, triazine herbicides and their associated metabolites in pregnant women and men.

Factors influencing occupational exposure to pyrethroids and glyphosate: An analysis of urinary biomarkers in Malaysia, Uganda and the United Kingdom.

Surface multi-walled carbon nanotube modified quaternary amine-functionalized polymers for purification and determination of glyphosate and its four metabolites in plasma samples.

Leaching of herbicides and their metabolites in lysimeters filled with soils from railway tracks.

Exogenous Melatonin Alleviates Atrazine-Induced Glucose Metabolism Disorders in Mice Liver via Suppressing Endoplasmic Reticulum Stress.

Glyphosate effect on biofilms formation, mutagenesis and stress response of *E. coli*.

Metabolic insights into how multifunctional microbial consortium enhances atrazine removal and phosphorus uptake at low temperature.

Evaluating the imazethapyr herbicide mediated regulation of phenol and glutathione metabolism and antioxidant activity in lentil seedlings.

Disturbed nutrient accumulation and cell wall metabolism in panicles are responsible for rice straighthead disease.

Occurrence, ecological risk, and advanced removal methods of herbicides in waters: a timely review.

Triazine herbicide reduced the toxicity of the harmful dinoflagellate *Karenia mikimotoi* by impairing its photosynthetic systems.

Application of 3D-printed pollen traps as a useful tool for exposure and risk assessment of pesticide residues on bumblebees.

Phytotoxic fungal secondary metabolites as herbicides.

Methyl viologen-induced changes in the *Arabidopsis* proteome implicate PATELLIN 4 in oxidative stress responses.

Risk of papillary thyroid carcinoma and nodular goiter associated with exposure to semi-volatile organic compounds: A multi-pollutant assessment based on machine learning algorithms.

Synthetic polyploidization induces enhanced phytochemical profile and biological activities in *Thymus vulgaris* L. essential oil.

Volatilomic signatures of different strains of *Helicobacter pylori*.

The aryl hydrocarbon receptor in β -cells mediates the effects of TCDD on glucose homeostasis in mice.

Associations of chronic exposure to a mixture of pesticides and type 2 diabetes mellitus in a Chinese elderly population.

Conjugating uncoupler compounds with hydrophobic hydrocarbon chains to achieve adipose tissue selective drug accumulation.

ALDH2 deficiency exacerbates MCD-diet induced MASLD by modulating bile acid metabolism.

Regulation of stress granule formation in human oligodendrocytes.

The people behind the papers - Julia Grzymkowski and Nanette Nascone-Yoder.

Can our microbiome break our hearts? Collaborative production of p-cresol sulfate and indoxyl sulfate by commensal microbes increases susceptibility to thrombosis.

Enrichment and distribution of 3,6-dichlorocarbazole in red crucian carp (*Carassius auratus*) and its hepatotoxicity.

Agricultural exposure and risk of ovarian cancer in the AGRiculture and CANcer (AGRICAN) cohort.

Association between dietary pesticide exposure profiles and body weight change in French adults: Results from the NutriNet-Santé cohort.

Risk factors for childhood brain tumours: A systematic review and meta-analysis of observational studies from 1976 to 2022.

Investigation of the activity of a novel tropolone in osteosarcoma.

Transcriptomic and metabolomic profile changes in the liver of Sprague Dawley rat offspring after maternal PFOS exposure during gestation and lactation.

Synthetic GPR40/FFAR1 agonists: An exhaustive survey on the most recent chemical classes and their structure-activity relationships.

Dioxin(-like)-Related Biological Effects through Integrated Chemical-wide and Metabolome-wide Analyses.

Prenatal Phenol and Paraben Exposures and Adverse Birth Outcomes: A Prospective Analysis of U.S. Births.

Inhibition of the urea cycle by the environmental contaminant 2,3,7,8-tetrachlorodibenzo-p-dioxin increases serum ammonia levels in mice.

Construction of algal-bacterial consortia using green microalgae *Chlorella vulgaris* and As(III)-oxidizing bacteria: As tolerance and metabolomic profiling.

Chemical analysis of wetland plants to evaluate the bioaccumulation and metabolism of hexachlorocyclohexane (HCH).

Environmentally relevant concentrations of 2,3,7,8-TCDD induced inhibition of multicellular alternative splicing and transcriptional dysregulation.

Chemicals in menstrual products: A systematic review.

Risk assessment of pesticides used in the eastern Avocado Belt of Michoacan, Mexico: A survey and water monitoring approach.

Both acute glyphosate and the aminomethylphosphonic acid intoxication decreased the acetylcholinesterase activity in rat hippocampus, prefrontal cortex and gastrocnemius muscle.

Identification of endocrine-disrupting chemicals targeting key DCM-associated genes via bioinformatics and machine learning.

MicroRNA-124-3p Modulates Alpha-Synuclein Expression Levels in a Paraquat-Induced in vivo Model for Parkinson's Disease.

Exposure to polycyclic aromatic hydrocarbons, volatile organic compounds, and tobacco-specific nitrosamines and incidence of esophageal cancer.

Metabolism of the 4-Hydroxyphenylpyruvate Dioxygenase Inhibitor, Mesotrione, in Multiple-Herbicide-Resistant Palmer amaranth (*Amaranthus palmeri*).

An Update on the Formation in Tobacco, Toxicity, and Carcinogenicity of N'-Nitrosornicotine and 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone.

Association of pesticide exposure with neurobehavioral outcomes among avocado farmworkers in Mexico.

Hepatic glucuronidation of tetrabromobisphenol A and tetrachlorobisphenol A: interspecies differences in humans and laboratory animals and responsible UDP-glucuronosyltransferase isoforms in humans.

Oxidative stress in the bivalve *Diplodon chilensis* under direct and dietary glyphosate-based formulation exposure.

(Non)targeted Chemical Analysis and Risk Assessment of Organic Contaminants in Darkibor Kale Grown at Rural and Urban Farms.

Hepatic effects of acetochlor chiral isomers in zebrafish and L02 cells.

Gut microbiota disorders aggravate terbuthylazine-induced mitochondrial quality control disturbance and PANoptosis in chicken hepatocyte through gut-liver axis.

Impact of chronic exposure to field level glyphosate on the food consumption, survival, gene expression, gut microbiota, and metabolomic profiles of honeybees.

Disruption of spermatogenesis in testicular adult Wistar rats after short-term exposure to high dose of glyphosate based-herbicide: Histopathological and biochemical changes.

Short-term effects of sodium arsenite (AsIII) and sodium arsenate (AsV) on carbohydrate metabolism in the perfused rat liver.

Urinary and household chemical exposures in pet dogs with urothelial cell carcinoma.

Genotoxicity in humans exposed to arsenic, lithium, and boron in drinking water in the Bolivian Andes-A cross sectional study.

Associations of Urinary Total Arsenic and Arsenic Species and Periodontitis.

Metabolic Resistance to Protoporphyrinogen Oxidase-Inhibitor Herbicides in a Palmer amaranth Population from Kansas.

High-throughput screening of the effects of 90 xenobiotics on the simplified human gut microbiota model (SIHUMIX): a metaproteomic and metabolomic study.

RNA and protein biomarkers for detecting enhanced metabolic resistance to herbicides mesosulfuron-methyl and fenoxaprop-ethyl in black-grass (*Alopecurus myosuroides*).

Developmental toxicity and metabolomics analyses of zebrafish (*Danio rerio*) embryos exposed to Fenoxaprop-p-ethyl.

Anionic polysaccharides benefit the bioavailability of pork myofibrillar protein gels: Evidence from a perspective of protein absorption and metabolism.

Engineering *Camelina sativa* Seeds as a Green Bioreactor for the Production of Affordable Human Pro-insulin that Demonstrates Anti-diabetic Efficacy in Rats.

Demonstrating the reliability of in vivo metabolomics based chemical grouping: towards best practice.

Loss of flavin-containing monooxygenase 3 modulates dioxin-like polychlorinated biphenyl 126-induced oxidative stress and hepatotoxicity.

Investigating open access new approach methods (NAM) to assess biological points of departure: A case study with 4 neurotoxic pesticides.

Curative effects of tectochrysin on paraquat-instigated testicular toxicity in rats: A biochemical and histopathological based study.

The urinary metabolites of volatile organic compounds and asthma in young children: NHANES 2011-2018.

Metabolites and MRI-Derived Markers of AD/ADRD Risk in a Puerto Rican Cohort.

Renoprotective effect of esculetin against ischemic acute kidney injury-diabetic comorbidity.

Decrease in Sperm Parameters in the 21st Century: Obesity, Lifestyle, or Environmental Factors? An Updated Narrative Review.

Early and transitory hypoactivity and olfactory alterations after chronic atrazine exposure in female Sprague-Dawley rats.

Metabolic Synergy of Dehalococcoides Populations Leading to Greater Reductive Dechlorination of Polychlorinated Biphenyls.

The study of the protective effect of mitochondrial uncouplers during acute toxicity of the fungicide difenoconazole in different organs of mice.

Differential eigengene network analysis reveals benzo[a]pyrene and 2,3,7,8-tetrachlorodibenzo-p-dioxin consensus regulatory network in human liver cell line HepG2.

Integrating shotgun metagenomics and metabolomics to elucidate the dynamics of microbial communities and metabolites in fine flavor cocoa fermentation in Hainan.

The BCKDK inhibitor BT2 is a chemical uncoupler that lowers mitochondrial ROS production and de novo lipogenesis.

A Narrative Review of Contemporary Lethal Pesticides: Unveiling the Ongoing Threat of Pesticide Poisoning.

Prenatal current-use pesticide exposure and children's neurodevelopment at one year of age in the Infants' Environmental Health (ISA) birth cohort, Costa Rica.

Enhanced metabolic detoxification is associated with fluroxypyr resistance in *Bassia scoparia*.

Establishment and Characterization of Amitrole-Induced Mouse Thyroid Adenomatous Nodule-Derived Cell Lines.

Analysis of Relationships between Metabolic Changes and Selected Nutrient Intake in Women Environmentally Exposed to Arsenic.

Assessing the impact and mechanisms of environmental pollutants (heavy metals and pesticides) on the male reproductive system: a comprehensive review.

Positive Association of Urinary Dimethylarsinic Acid (DMA(V)) with Serum 25(OH)D in Adults Living in an Area of Water-Borne Arsenicosis in Shanxi, China.

Chronic arsenic exposure-provoked biotoxicity involved in liver-microbiota-gut axis disruption in chickens based on multi-omics technologies.

Screening of Secondary Metabolites Produced by *Nigrospora sphaerica* Associated with the Invasive Weed *Cenchrus ciliaris* Reveals Two New Structurally Related Compounds.

Core taxa, co-occurrence pattern, diversity, and metabolic pathways contributing to robust anaerobic biodegradation of chlorophenol.

Effects of Aminomethylphosphonic Acid on the Transcriptome and Metabolome of Red Swamp Crayfish, *Procambarus clarkii*.

Evaluation of *Salvia hispanica* as a Therapeutic Agent against Sodium Arsenic-Induced Testicular Toxicity in a Male Rats Model.

Differential Modulatory Effects of Methylmercury (MeHg) on Ahr-regulated Genes in Extrahepatic Tissues of C57BL/6 Mice.

Salvianolic acid A attenuates arsenic-induced ferroptosis and kidney injury via HIF-2 \uparrow /DUOX1/GPX4 and iron homeostasis.

2,4-D Herbicide-Induced Hepatotoxicity: Unveiling Disrupted Liver Functions and Associated Biomarkers.

Degradation kinetics of veterinary antibiotics and estrogenic hormones in a claypan soil.

Exploring Metabolic and Gut Microbiome Responses to Paraquat Administration in Male Wistar Rats: Implications for Oxidative Stress.

Association between urinary arsenic concentration and genetic polymorphisms in Korean adults.

Evaluation of the diphenyl herbicide, oxyfluorfen, for effects on thyroid hormones in the juvenile rat.

Elucidating the efficacy of functionalized multi-walled carbon nanotube in the biogenesis of L-Dopa and antioxidant metabolites in cell cultures of *Hybanthus enneaspermus*.

Uptake, translocation, accumulation, and metabolism of fluroxypyr-meptyl and oxidative stress induction in rice seedling.

Building a highly efficient *Streptomyces* super-chassis for secondary metabolite production by reprogramming naturally-evolved multifaceted shifts.

Transcriptome analysis reveal the effect of freshwater sediments containing 2,3,7,8-tetrachlorodibenzo-p-dioxin on the *Macrobrachium rosenbergii* hepatopancreas, intestine, and muscle.

Impaired Detoxification of Trans, Trans-2,4-Decadienal, an Oxidation Product from Omega-6 Fatty Acids, Alters Insulin Signaling, Gluconeogenesis and Promotes Microvascular Disease.

Ifosfamide-induced nephrotoxicity in oncological patients.

Distribution, Metabolism, and Excretion of Cenobamate in Adult, Fetal, Neonatal, and Lactating Rats.

Towards non-target proactive food safety: identification of active compounds in convenience tomato products by ten-dimensional hyphenation with integrated simulated gastrointestinal digestion.

Development and inter-laboratory validation of analytical methods for glufosinate and its two metabolites in foods of plant origin.

Organophosphate Toxicity.

[Favorable evolution of severe paraquat poisoning. Treatment with gastric lavage, activated charcoal, cyclophosphamide + corticoids, and conventional daily hemodialysis: case study at the Franck Joly Hospital Center in French Guiana].

Maternal exposure of mice to glyphosate induces depression- and anxiety-like behavior in the offspring via alterations of the gut-brain axis.

Integrating transcriptome and physiological analyses to elucidate the molecular responses of sorghum to fluxofenim and metolachlor herbicide.

Enhanced metabolic resistance mechanism endows resistance to metamifop in *Echinochloa crus-galli* (L.) P. Beauv.

2-Methoxyestradiol ameliorates paraquat-induced pulmonary fibrosis by inhibiting the TGF- β 1/Smad2/3 signaling pathway.

Serum metabolome and liver transcriptome reveal acrolein inhalation-induced sex-specific homeostatic dysfunction.

Modifying effects of 2,4-D and Glyphosate exposures on gut-liver-adipose tissue axis of diet-induced non-alcoholic fatty liver disease in mice.

Effect of atrazine on testicular toxicity involves accommodative disorder of xenobiotic metabolizing enzymes system and testosterone synthesis in European quail (*Coturnix coturnix*).

Hormesis of glyphosate on ferulic acid metabolism and antifungal volatile production in rice root biocontrol endophyte *Burkholderia cepacia* LS-044.

Association of glyphosate exposure with multiple adverse outcomes and potential mediators.

Dietary curcumin supplementation alleviates diquat-induced oxidative stress in the liver of broilers.

Salmonella mutant strains resistant to herbicides - Acetohydroxyacid synthase inhibitors and their use at the Ames test.

Involvement of glyphosate in disruption of biotransformation P450 enzymes and hepatic lipid metabolism in chicken.

Sub-acute toxicity of the herbicide glufosinate-ammonium exposure in adult red swamp crayfish (*Procambarus clarkii*).

Effect of perinatal exposure to glyphosate and its mixture with 2,4-D and dicamba on rat dam kidney and thyroid function and offspring's health.

Mutagenic effects of a commercial glyphosate-based herbicide formulation on the soil filamentous fungus *Aspergillus nidulans* depending on the mode of exposure.

Determination of the elimination half-life of Glyphosate and its main metabolite, AMPA, in chicken plasma.

Toxicity assessment and detoxification metabolism of sodium pentachlorophenol (PCP-Na) on marine economic species: a case study of *Moerella iridescens* and *Exopalaemon carinicauda*.

Abnormalities of serum lipid metabolism in patients with acute paraquat poisoning caused by ferroptosis.

Effects of glyphosate exposure on western diet-induced non-alcoholic fatty liver disease in mice.

Pentachlorophenol exposure induced neurotoxicity by disrupting citrulline metabolism in larvae and adult zebrafish.

Cyanobacterial degradation of herbicide 2,4-dichlorophenoxyacetic acid (2,4-D): Its response to the oxidative stress induced by the primary degradation product 2,4-dichlorophenol (2,4-DCP).

Glyphosate-based herbicide (GBH) challenged thermoregulation in lizards (*Eremias argus*), compensatory warming could mitigate this effect.

Zinc Oxide Nanoparticles and Vitamin C Ameliorate Atrazine-Induced Hepatic Apoptosis in Rat via CYP450s/ROS Pathway and Immunomodulation.

Enantioselective in vitro metabolism of the herbicide diclofop-methyl: Prediction of toxicokinetic parameters and reaction phenotyping.

Mitochondrial and Proteasome Dysfunction Occurs in the Hearts of Mice Treated with Triazine Herbicide Prometryn.

Glyphosate and environmental toxicity with "One Health" approach, a review.

Groundwater constituents and the incidence of kidney cancer.

Delineating the cascade of molecular events in protein aggregation triggered by Glyphosate, aminomethylphosphonic acid, and Roundup in serum albumins.

Long-Term Effects of Perinatal Exposure to a Glyphosate-Based Herbicide on Melatonin Levels and Oxidative Brain Damage in Adult Male Rats.

Effect of sublethal concentrations of glyphosate-based herbicides (Roundup Active®) on skin of the tropical frog (*Dendropsophus molitor*).

Mapping the key characteristics of carcinogens for glyphosate and its formulations: A systematic review.

Glyphosate affects larval gut microbiota and metamorphosis of honey bees with differences between rearing procedures.

The Protective Role of Oleuropein Aglycone against Pesticide-Induced Toxicity in a Human Keratinocytes Cell Model.

Contribution of differential alteration in oxidative stress and anti-oxidation related molecular signals to toxicity difference between atrazine and its main metabolites in nematodes.

Detoxification mechanism of herbicide in *Polypogon fugax* and its influence on rhizosphere enzyme activities.

Multiomics reveals new biomarkers and mechanistic insights into the combined toxicity effects of 2,2',4,4',5,5'-hexachlorobiphenyl and atrazine exposures in MCF-7 cells.

Estrogens and endocrine-disrupting chemicals differentially impact the bioenergetic fluxes of mammary epithelial cells in two- and three-dimensional models.

Effects of glyphosate-based herbicides and glyphosate exposure on sex hormones and the reproductive system: From epidemiological evidence to mechanistic insights.

2,4-dichlorophenoxyacetic acid (2,4-D) exposure during postnatal development alters the effects of western diet on mouse prostate.

Chronic dietary exposure to a glyphosate-based herbicide in broiler hens has long-term impacts on the progeny metabolism.

Toxicological effects of ocular acrolein exposure to eyelids in rabbits in vivo.

High doses of clethodim-based herbicide GrassOut Max poses reproductive hazard by affecting male reproductive function and early embryogenesis in Swiss albino mice.

A comparative review and computational assessment of acetochlor toxicity in fish: A novel endocrine disruptor?

Acyl-CoA dehydrogenase substrate promiscuity: Challenges and opportunities for development of substrate reduction therapy in disorders of valine and isoleucine metabolism.

Herbicide atrazine impairs metabolic plasticity of mixotrophic organisms: Evidence in photochemistry, morphology, and gene expression.

Analysis and management of herbicidal mixtures in a high-intensity agricultural landscape in Belgium.

Biomarkers of pollution by glyphosate in the lichens, *Parmotrema tinctorium* and *Usnea barbata*.

Assessment of the impact of glyphosate and 2,4-D herbicides on the kidney injury and transcriptome changes in obese mice fed a Western diet.

Subacute exposure to Roundup® changes steroidogenesis and gene expression of the glutathione-glutaredoxin system in rat ovaries: Implications for ovarian toxicity of this glyphosate-based herbicide.

Functional characterization of rice (*Oryza sativa*) thioredoxins for detoxification and degradation of atrazine.

The diabetogenic effects of pesticides: Evidence based on epidemiological and toxicological studies.

Synergistic toxicity of 2,4-dichlorophenoxyacetic acid and arsenic alters biomarkers in rats.

Dimethylarsinic acid induces bladder carcinogenesis via the amphiregulin pathway.

Transcriptomic analysis of maize uncovers putative genes involved in metabolic detoxification under four safeners treatment.

Mammary gland development in male rats perinatally exposed to propiconazole, glyphosate, or their mixture.

Exposure to herbicides mixtures in relation to type 2 diabetes mellitus among Chinese rural population: Results from different statistical models.

Integrated metabolomics and transcriptomics reveal glyphosate based-herbicide induced reproductive toxicity through disturbing energy and nucleotide metabolism in mice testes.

Mitochondrial Complex I Inhibition in Dopaminergic Neurons Causes Altered Protein Profile and Protein Oxidation: Implications for Parkinson's disease.

Effects of Atrazine exposure on human bone marrow-derived mesenchymal stromal cells assessed by combinatorial assay matrix.

[Investigation on health status of workers exposed to glyphosate].

Urinary glyphosate and AMPA levels in a cross-sectional study of postmenopausal women: Associations with organic eating behavior and dietary intake.

Promoted dissipation and detoxification of atrazine by graphene oxide coexisting in water.

Immunotoxicity of relevant mixtures of pesticides and metabolites on THP-1 cells.

Comparative proteomic and physiological analyses reveal tribenuron-methyl phytotoxicity and nontarget-site resistance mechanisms in *Brassica napus*.

Maternal pre-conceptional glyphosate exposure impacts the offspring hepatic and ovarian proteome.

The combined effects of atrazine and warming on environmental adaptability in lizards (*Eremias argus*) from the perspective of a life-history traits trade-off: Gender differences in trade-off strategies may reverse mortality risk.

Validation and Application of UPLC-MS/MS Method to Analysis of Glyphosate and its Metabolites in Water.

Atrazine exposure can dysregulate the immune system and increase the susceptibility against pathogens in honeybees in a dose-dependent manner.

Effects of Glyphosate on Female Reproductive Output in the Marine Polychaete Worm *Ophryotrocha diadema*.

Sex-specific respiratory and systemic endocrine effects of acute acrolein and trichloroethylene inhalation.

Glyphosate induces autophagy in hepatic L824 cell line through NO-mediated activation of RAS/RAF/MEK/ERK signaling pathway and energy metabolism disorders.

Integrated physiological and metabolomic analysis reveals new insights into toxicity pathways of paraquat to *Microcystis aeruginosa*.

Oral administration of curcumin and gallic acid alleviates pentachlorophenol-induced oxidative damage in rat intestine.

Leaching of herbicides mixtures from pre-exposed agricultural plastics severely impact microalgae.

1²-triketone herbicide exposure cause tyrosine and fat accumulation in *Caenorhabditis elegans*.

Fungal biodegradation of chlorinated herbicides: an overview with an emphasis on 2,4-D in Argentina.

Isolation and characterization of indigenous bacterial assemblage for biodegradation of persistent herbicides in the soil.

Looking beyond Cancer: Glyphosate and Liver, Metabolic Diseases in Youth.

Therapeutic effect of gossypetin against paraquat-induced testicular damage in male rats: a histological and biochemical study.

Kinetics, mechanism, and tautomerism in ametryn acid hydrolysis: From molecular structure to environmental impacts.

TDP-43 is a potential marker of dopaminergic neuronal damage caused by atrazine exposure.

Glyphosate exposure and urinary oxidative stress biomarkers in the Agricultural Health Study.

Atrazine contaminated sites and bullfrog tadpoles: evasive trends and biochemical consequences.

Role of the tyrosine aminotransferase AccTATN gene in the response to pesticide and heavy metal stress in *Apis cerana cerana*.

Transcriptome changes in chlorsulfuron-treated plants are caused by acetolactate synthase inhibition and not induction of a herbicide detoxification system in *Marchantia polymorpha*.

Design, synthesis and mechanism research of novel algicide based on bioactive fragments synthesis strategy.

The effects of short-term glyphosate-based herbicide exposure on insect gene expression profiles.

Evaluation of the herbicide glyphosate, (aminomethyl)phosphonic acid, and glyphosate-based formulations for genotoxic activity using in vitro assays.

Human 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure and thyroid cancer risk.

Impact of sub-acute acrolein inhalation on the molecular regulation of mitochondrial metabolism in rat lung.

Lycopene ameliorates atrazine-induced spatial learning and memory impairments by inhibiting ferroptosis in the hippocampus of mice.

A novel mechanism of Dimethyl ester of Alpha-ketoglutarate in suppressing Paraquat-induced BEAS-2B cell injury by alleviating GSDME dependent pyroptosis.

Complex mixtures of pesticides and metabolites modulate the malignant phenotype of murine melanoma B16-F1 cells.

Effects of the herbicide ametryn on development and thyroidogenesis of bullfrog tadpoles (*Aquarana catesbeiana*) under different temperatures.

Enhanced detoxification via Cyt-P450 governs cross-tolerance to ALS-inhibiting herbicides in weed species of *Centaurea*.

Behind the plant-bacteria system: The role of zucchini and its secondary metabolite in shaping functional microbial diversity in MCPA-contaminated soil.

Investigating the effects of glyphosate on the bumblebee proteome and microbiota.

The Tobacco Smoke Component, Acrolein, as a Major Culprit in Lung Diseases and Respiratory Cancers: Molecular Mechanisms of Acrolein Cytotoxic Activity.

[Determination of phenoxyacetic herbicides, metabolites of organophosphorus and pyrethroid pesticides in human urine using solid phase extraction coupled with ultra-performance liquid chromatography-tandem mass spectrometry].

Cyhalofop-butyl exposure induces the severe hepatotoxicity and immunotoxicity in zebrafish embryos.

Toxicity of herbicide glyphosate to planarian *Dugesia japonica* and its potential molecular mechanisms.

Minor metabolomic disturbances induced by glyphosate-isopropylammonium exposure at environmentally relevant concentrations in an aquatic turtle, *Pelodiscus sinensis*.

Adult exposure of atrazine alone or in combination with carbohydrate diet hastens the onset/progression of type 2 diabetes in *Drosophila*.

Hydroxytyrosol attenuates diquat-induced oxidative stress by activating Nrf2 pathway and modulating colonic microbiota in mice.

Transcriptome analysis reveals the mechanisms of hepatic injury caused by long-term environmental exposure to atrazine in juvenile common carp (*Cyprinus carpio* L.).

The mechanism of different cyanobacterial responses to glyphosate.

Pentachlorophenol causes redox imbalance, inhibition of brush border membrane and metabolic enzymes, DNA damage and histological alterations in rat kidney.

Toxic effects of glyphosate on histopathology and intestinal microflora of juvenile *Litopenaeus vannamei*.

Glyphosate based-herbicide disrupts energy metabolism and activates inflammatory response through oxidative stress in mice liver.

Noval bio-organic fertilizer containing *Arthrobacter* sp. DNS10 alleviates atrazine-induced growth inhibition on soybean by improving atrazine removal and nitrogen accumulation.

Postnatal exposure to a glyphosate-based herbicide interferes with the development and growth of the mammary gland of pre-pubertal Ewe lambs.

Global warming and glyphosate toxicity (I): Adult zebrafish modelling with behavioural, immunohistochemical and metabolomic approaches.

Mitigating effect of L-carnitine against atrazine-induced hepatotoxicity: histopathological and biochemical analyses in albino rats.

Dietary myricetin assuages atrazine-mediated hypothalamic-pituitary-testicular axis dysfunction in rats.

Chitosan nanocomposite as an effective carrier of potential herbicidal metabolites for noteworthy phytotoxic effect against major aquatic invasive weed water hyacinth (*Eichhornia crassipes*).

Field-realistic acute exposure to glyphosate-based herbicide impairs fine-color discrimination in bumblebees.

In vitro study of glyphosate effects on thyroid cells.

Exposure to the pesticides linuron, dimethomorph and imazalil alters steroid hormone profiles and gene expression in developing rat ovaries.

Enhanced degradation of atrazine through UV/bisulfite: Mechanism, reaction pathways and toxicological analysis.

Disruption of the Molecular Regulation of Mitochondrial Metabolism in Airway and Lung Epithelial Cells by Cigarette Smoke: Are Aldehydes the Culprit?

Metabolism of guarana (*Paullinia cupana* Kunth var. *sorbilis*) plants and fruit production subjected to glyphosate doses.

Herbicide prometryn adversely affects the development and reproduction of *Tigriopus japonicus* by disturbing the ecdysone signal pathway and chitin metabolic pathway.

Study on the toxic effects of sodium pentachlorophenol (PCP-Na) on razor clam (*Sinonovacula constricta*).

Human serum lipidomics analysis revealed glyphosate may lead to lipid metabolism disorders and health risks.

Atrazine alters early sexual development of the South American silverside, *Odontesthes bonariensis*.

Disturbance of cellular calcium homeostasis plays a pivotal role in glyphosate-based herbicide-induced oxidative stress.

Chronic effects of environmental concentrations of antifoulant diuron on two marine fish: Assessment of hormone levels, immunity, and antioxidant defense system.

Mitochondrial dysfunction due to in vitro exposure to atrazine and its metabolite in striatum.

Structure-based discovery of pyrazole-benzothiadiazole hybrid as human HPPD inhibitors.

Exposure to Agent Orange and Hepatocellular Carcinoma Among US Military Personnel.

Associations between urinary glyphosate and diabetes mellitus in the US general adult: a cross-sectional study from NHANES 2013-2016.

Glyphosate-induced glioblastoma cell proliferation: Unraveling the interplay of oxidative, inflammatory, proliferative, and survival signaling pathways.

Effects of glyphosate exposure on gut-liver axis: Metabolomic and mechanistic analysis in grass carp (*Ctenopharyngodon idellus*).

Metabolomics analyses of cancer tissue from patients with colorectal cancer.

Genetic Susceptibility to Neurotoxicity Related to Prenatal Inorganic Arsenic Exposure in Young Spanish Children.

A review of the characteristic properties of selected tobacco chemicals and their associated etiological risks.

Computational biology and in vitro studies for anticipating cancer-related molecular targets of sweet wormwood (*Artemisia annua*).

Liquid Chromatography-Mass Spectrometry Screening of Cyclophosphamide DNA Damage In Vitro and in Patients Undergoing Chemotherapy Treatment.

Triazine herbicides exposure, natural immunoglobulin M antibodies, and fasting plasma glucose changes: Association and mediation analyses in general Chinese urban adults.

Glyphosate potentiates insulin resistance in skeletal muscle through the modulation of IRS-1/PI3K/Akt mediated mechanisms: An in vivo and in silico analysis.

Acrolein adducts and responding autoantibodies correlate with metabolic disturbance in Alzheimer's disease.

Acrolein Exposure Impaired Glucose Homeostasis and Increased Risk of Type 2 Diabetes: An Urban Adult Population-Based Cohort Study with Repeated Measures.

Glyphosate-induced autophagy inhibition results in hepatic steatosis via mediating epigenetic reprogramming of PPAR α in roosters.

Hydralazine plays an immunomodulation role of pro-regeneration in a mouse model of spinal cord injury.

Exposure to Volatile Organic Compounds Is Associated with Hypertension in Black Adults: The Jackson Heart Study.

Diet as a Source of Acrolein: Molecular Basis of Aldehyde Biological Activity in Diabetes and Digestive System Diseases.

Arsenic metabolism, N6AMT1 and AS3MT single nucleotide polymorphisms, and their interaction on gestational diabetes mellitus in Chinese pregnant women.

Association of Lifetime Exposure to Glyphosate and Aminomethylphosphonic Acid (AMPA) with Liver Inflammation and Metabolic Syndrome at Young Adulthood: Findings from the CHAMACOS Study.

Snake venom nerve growth factor-inspired designing of novel peptide therapeutics for the prevention of paraquat-induced apoptosis, neurodegeneration, and alteration of metabolic pathway genes in the rat pheochromocytoma PC-12 cell.

LC-MS/MS methods for the determination of 30 quaternary ammonium compounds including benzalkonium and paraquat in human serum and urine.

Carbohydrate metabolism dynamic in chlorpropham- and 1,4-dimethylnaphthalene-treated potatoes and its effect on the browning of French fries.

Structure-activity relationship of 2,4-D correlates auxinic activity with the induction of somatic embryogenesis in *Arabidopsis thaliana*.

A neuroprotective dose of trehalose is harmless to metabolic organs: comprehensive histopathological analysis of liver, pancreas, and kidney.

Target-Site and Metabolic Resistance Mechanisms to Penoxsulam in Late Watergrass (*Echinochloa phyllopogon*) in China.

[A Preliminary Study on the Plasma Metabolomic Profiles of Patients Suffering From Acute Diquat Poisoning].

Epilithic biofilms as a discriminating matrix for long-term and growing season pesticide contamination in the aquatic environment: Emphasis on glyphosate and metabolite AMPA.

Influence of genetic polymorphisms on arsenic methylation efficiency during pregnancy: Evidence from a Spanish birth cohort.

Sciadopitysin mitigates spermatological and testicular damage instigated by paraquat administration in male albino rats.

Polyamine-Derived Aminoaldehydes and Acrolein: Cytotoxicity, Reactivity and Analysis of the Induced Protein Modifications.

Selenium-dependent glutathione peroxidase 1 regulates transcription of elongase 3 in murine tissues.

How Benthic Sediment Microbial Communities Respond to Glyphosate and Its Metabolite: a Microcosm Experiment.

Fate of glyphosate and its metabolite AminoMethylPhosponic acid (AMPA) from point source through wastewater sludge and advanced treatment.

Online solid phase extraction high-performance liquid chromatography - Isotope dilution - Tandem mass spectrometry quantification of organophosphate pesticides, synthetic pyrethroids, and selected herbicide metabolites in human urine.

Terminal Residue and Dietary Risk Assessment of Atrazine and Isoxaflutole in Corn Using High-Performance Liquid Chromatography-Tandem Mass Spectrometry.

Integrating environmental carry capacity based on pesticide risk assessment in soil management: A case study for China.

Urinary Glyphosate, 2,4-D and DEET Biomarkers in Relation to Neurobehavioral Performance in Ecuadorian Adolescents in the ESPINA Cohort.

The effects of glyphosate-based herbicide on the hypothalamic-pituitary thyroid axis are tissue-specific and dependent on age exposure.

Soil metabolomics: A powerful tool for predicting and specifying pesticide sorption.

Treatment of atrazine-containing wastewater by algae-bacteria consortia: Signal transmission and metabolic mechanism.

Comparison of urinary mercapturic acid excretions in users of various tobacco/nicotine products.

Atrazine decontamination by a newly screened psychrotroph *Paenarthrobacter* sp. KN0901 in an aquatic system: Metabolic pathway, kinetics, and hydroponics experiment.

Effects of atrazine on microbial metabolic limitations in black soils: Evidence from enzyme stoichiometry.

Recombinant glutathione transferases from flufenacet-resistant black-grass (*Alopecurus myosuroides* Huds.) form different flufenacet metabolites and differ in their interaction with pre- and post-emergence herbicides.

Development of a specific and sensitive method for the detection of glyphosate pesticide and its metabolite in tea using dummy molecularly imprinted solid-phase extraction coupled with liquid chromatography-tandem quadrupole mass spectrometry.

Fitness assessment of *Mytilus galloprovincialis* Lamarck, 1819 after exposure to herbicide metabolite propachlor ESA.

Target-site mutation and enhanced metabolism endow resistance to nicosulfuron in a *Digitaria sanguinalis* population.

Defining the toxicological profile of 4-hydroxyphenylpyruvate dioxygenase-directed herbicides to *Aedes aegypti* and *Amblyomma americanum*.

ACCase gene mutations and P450-mediated metabolism contribute to cyhalofop-butyl resistance in *Eleusine indica* biotypes from direct-seeding paddy fields.

Enhanced metabolic ability enabled wild panicgrass (*Panicum miliaceum* L. var. *ruderales* Kit.) resistance to ALS inhibitor herbicide.

Disruption of oogenesis and molting by methoprene and glyphosate in *Gammarus fossarum*: involvement of retinoic acid?

Metamifop resistance in *Echinochloa glabrescens* via glutathione S-transferases-involved enhanced metabolism.

Multiple Metabolism Pathways of Bentazone Potentially Regulated by Metabolic Enzymes in Rice.

Novel In Vitro Intestinal Microbiome Model to Study Lipidomic and Metabolomic Adaptations Due to Exposure to Glyphosate, Perfluorooctanoic Acid, and Docusate Sodium.

Integrated physiological, metabolite and proteomic analysis reveal the glyphosate stress response mechanism in tea plant (*Camellia sinensis*).

Insights into the metabolic pathways and biodegradation mechanisms of chloroacetamide herbicides.

Simultaneous and sensitive analysis of glyphosate, glufosinate, and their metabolites in surface water by HPLC-ICP-MS/MS.

Elucidation of the environmental reductive metabolism of the herbicide tritosulfuron assisted by electrochemistry and mass spectrometry.

Trichoderma virens exerts herbicidal effect on *Arabidopsis thaliana* via modulation of amino acid metabolism.

Metabolic resistance to acetolactate synthase inhibitors in *Beckmannia syzigachne*: identification of CYP81Q32 and its transcription regulation.

Simultaneous determination of glyphosate, glufosinate, and their metabolites in honey using liquid chromatography-tandem mass spectrometry and solid-phase extraction.

Multiple Metabolic Enzymes Can Be Involved in Cross-Resistance to 4-Hydroxyphenylpyruvate-Dioxygenase-Inhibiting Herbicides in Wild Radish.

Ion chromatography for the analysis of glyphosate and its selected metabolites. A review.

Mutation at the 197 site and P450-mediated metabolic resistance are involved in bensulfuron-methyl resistance in *Sagittaria trifolia*.

Metabolomics profile of plasma in acute diquat-poisoned patients using gas chromatography-mass spectrometry.

Current insights into the microbial degradation of nicosulfuron: Strains, metabolic pathways, and molecular mechanisms.

Highly-Selective Analytical Strategy for 90 Pesticides and Metabolites Residues in Fish and Shrimp Samples.

Metabolic Exploration for Cyhalofop-Butyl Antagonism in Barnyardgrass [*Echinochloa crus-galli* (L.) P. Beauv.] Following Pretreatment of Malathion.

Mutation of *Arabidopsis* SME1 and Sm core assembly improves oxidative stress resilience.

Increased Levels of the Acrolein Metabolite 3-Hydroxypropyl Mercapturic Acid in the Urine of e-Cigarette Users.

Detoxification and metabolism of glyphosate by a *Pseudomonas* sp. via biogenic manganese oxidation.

Insights into the effects of sublethal doses of pesticides glufosinate-ammonium and sulfoxaflor on honey bee health.

Metabolomic Responses of Lettuce (*Lactuca sativa*) to Allelopathic Benzoquinones from *Iris sanguinea* Seeds.

Prenatal arsenic exposure, arsenic metabolism and neurocognitive development of 2-year-old children in low-arsenic areas.

HPLC-MS/MS determination and the postmortem distribution or postmortem redistribution of paraquat and its metabolites in four fatal intoxication cases.

Associations of arsenic exposure with liver injury in US adults: NHANES 2003-2018.

Absorption, translocation, and metabolism of atrazine, carbamazepine, and sulfamethoxazole by the macrophyte Orange King Humbert canna lily (*Canna*—*generalis* L.H. Bailey (pro sp.) [*glauca*—*indica*]).

Glyphosate and Aminomethylphosphonic Acid (AMPA) Modulate Glutathione S-Transferase in Non-Tumorigenic Prostate Cells.

Use of computational toxicology models to predict toxicological points of departure: A case study with triazine herbicides.

Cyhalofop-butyl and pyribenzoxim-induced oxidative stress and transcriptome changes in the muscle of crayfish (*Procambarus clarkii*).

Effects of copper sulfate algaecide on the cell growth, physiological characteristics, the metabolic activity of *Microcystis aeruginosa* and raw water application.

Modeling and optimization of chlorpyrifos and glyphosate biodegradation using RSM and ANN: Elucidating their degradation pathways by GC-MS based metabolomics.

The retinoid metabolism of *Gammarus fossarum* is disrupted by exogenous all-trans retinoic acid, citral, and methoprene but not by the technical formulation of glyphosate.

Exogenous application of *Bradyrhizobium japonicum* AC20 enhances soybean tolerance to atrazine via regulating rhizosphere soil microbial community and amino acid, carbohydrate metabolism related genes expression.

Effect of herbicide stress on synchronization of carbon and nitrogen metabolism in lentil (*Lens culinaris* Medik.).

Systematic metabolic engineering of *Escherichia coli* for the enhanced production of cinnamaldehyde.

Urine glyphosate exposure and serum sex hormone disruption within the 2013-2014 National Health and Nutrition Examination survey (NHANES).

Glyphosate metabolism in *Tetrahymena thermophila*: A shotgun proteomic analysis approach.

Assessment of exposure to pesticide mixtures in five European countries by a harmonized urinary suspect screening approach.

Cinnamaldehyde affects lipid droplets metabolism after adipogenic differentiation of C2C12 cells.

Mitigation of atrazine-induced oxidative stress on soybean seedlings after co-inoculation with atrazine-degrading bacterium *Arthrobacter* sp. DNS10 and inorganic phosphorus-solubilizing bacterium *Enterobacter* sp. P1.

Mechanistic modeling indicates rapid glyphosate dissipation and sorption-driven persistence of its metabolite AMPA in soil.

The Lethal and Sub-Lethal Effects of Fluorinated and Copper-Based Pesticides-A Review.

Prostaglandin Metabolome Profiles in Zebrafish (*Danio rerio*) Exposed to Acetochlor and Butachlor.

Developmental toxicity of prometryn induces mitochondrial dysfunction, oxidative stress, and failure of organogenesis in zebrafish (*Danio rerio*).

The role of surface activity on the amyloid fibrillation pathway of bovine serum albumin upon interaction with glyphosate.

Closed Bipolar Electrode-Enabled Electrochromic Sensing of Multiple Metabolites in Whole Blood.

Exposure of children to glyphosate in Morocco: Urinary levels and predictors of exposure.

Urinary concentrations and determinants of glyphosate and glufosinate in pregnant Canadian participants in the MIREC study.

Impacts of a bacterial algicide on metabolic pathways in *Chlorella vulgaris*.

Ecological risk assessment of glyphosate and its possible effect on bacterial community in surface sediments of a typical shallow Lake, northern China.

Mycoremediation of pretilachlor and its metabolite by *Aspergillus ficuum*.

Low doses of glyphosate do not damage the secondary metabolism of common bean.

Integrated transcriptomic-metabolomic analysis reveals that cinnamaldehyde exposure positively regulates the phenylpropanoid pathway in postharvest Satsuma mandarin (*Citrus unshiu*).

Arsenic exposure induces urinary metabolome disruption in Pakistani male population.

The effect and mechanism of Fushen Granule on gut microbiome in the prevention and treatment of chronic renal failure.

m(6)A methylation-mediated PGC-1 α contributes to ferroptosis via regulating GSTK1 in arsenic-induced hepatic insulin resistance.

Does prenatal exposure to multiple airborne and tap-water pollutants increase neonatal thyroid-stimulating hormone concentrations? Data from the Picardy region, France.

Untargeted serum metabolomics reveals novel metabolite associations and disruptions in amino acid and lipid metabolism in Parkinson's disease.

Inflammation and cardiometabolic diseases induced by persistent organic pollutants and nutritional interventions: Effects of multi-organ interactions.

Arsenic exposure caused male infertility indicated by testis and sperm metabolic dysfunction in SD rats.

Arsenic induces metabolome remodeling in mature human adipocytes.

Urinary arsenic metabolism, genetic susceptibility, and their interaction on type 2 diabetes.

Safety and efficacy of once-daily HU6 versus placebo in people with non-alcoholic fatty liver disease and high BMI: a randomised, double-blind, placebo-controlled, phase 2a trial.

Metformin alleviates sodium arsenite-induced hepatotoxicity and glucose intolerance in mice by suppressing oxidative stress, inflammation, and apoptosis.

The sodium borate relieves the hypertrophic damage induced during pregnancy, it improves contractibility, reduces oxidative stress and stimulates cell proliferation.

Multi-omics analysis reveals that the metabolite profile of raw milk is associated with dairy cows' health status.

Untargeted metabolomics reveals dynamic changes in metabolic profiles of rat supraspinatus tendon at three different time points after diabetes induction.

Remote effects of kidney drug transporter OAT1 on gut microbiome composition and urate homeostasis.

In vitro and in silico prediction of antibacterial interaction between essential oils via graph embedding approach.

High-Soluble-Fiber Diet Attenuates Hypoxia-Induced Vascular Remodeling and the Development of Hypoxic Pulmonary Hypertension.

Dysregulated meta-organismal metabolism of aromatic amino acids in alcohol-associated liver disease.

Phloretin as an add-on therapy to losartan attenuates diabetes-induced AKI in rats: A potential therapeutic approach targeting TLR4-induced inflammation.

Overactivated Epithelial NF- κ B Disrupts Lung Development in Congenital Diaphragmatic Hernia.

Mitochondrial Dysfunction After Repeated Mild Blast Traumatic Brain Injury Is Attenuated by a Mild Mitochondrial Uncoupling Prodrug.

Postictal hypoxia involves reactive oxygen species and is ameliorated by chronic mitochondrial uncoupling.

Knockdown of IL4I1 Improved High Glucose-evoked Insulin Resistance in HepG2 Cells by Alleviating Inflammation and Lipotoxicity Through AHR Activation.

Haloxypop-P-methyl induces immunotoxicity and glucose metabolism disorders and affects the Nrf2/ARE pathway mediated antioxidant system in *Chiromantes dehaani*.

Characterizing the impact of simvastatin co-treatment of cell specific TCDD-induced gene expression and systemic toxicity.

The effects of environmental aryl hydrocarbon receptor ligands on signaling and cell metabolism in cancer.

Association between maternal use of spray formulations and offspring urological anomalies: The Japan Environment and Children's Study.

p-Cresol Sulfate Is a Sensitive Urinary Marker of Fecal Microbiota Transplantation and Antibiotics Treatments in Human Patients and Mouse Models.

Exposure to pesticides and the risk of hypothyroidism: a systematic review and meta-analysis.

Human Preadipocytes Differentiated under Hypoxia following PCB126 Exposure during Proliferation: Effects on Differentiation, Glucose Uptake and Adipokine Profile.

Deciphering the metabolic profile and anti-colorectal cancer mechanism of Capilliposide A using ultra performance liquid chromatography mass spectrometry combined with non-targeted metabolomics studies.

Liver enzymes mediate the association between aldehydes co-exposure and hypertriglyceridemia.

2,3,7,8-tetrachlorodibenzo-p-dioxin induces multigenerational testicular toxicity and biosynthetic disorder of testosterone in BALB/C mice: Transcriptional, histopathological and hormonal determinants.

Assessing farmer's exposure to pesticides and the risk for non-communicable diseases: A biomonitoring study.

Short-term triphenyltin exposure alters microbial homeostasis in the silkworm (*Bombyx mori*) midgut.

Sublethal toxicities of 2,4-dinitrophenol as inferred from online self-reports.

Precision modulation of dysbiotic adult microbiomes with a human-milk-derived synbiotic reshapes gut microbial composition and metabolites.

[Hyperoxia caused intestinal metabolism disorder in mice].

Antibiotics augment the impact of iron deficiency on metabolism in a piglet model.

Non-Cardiotoxic Tetradecanoic Acid-2,4-Dinitrophenol Ester Nanomicelles in Microneedles Exert Potent Anti-Obesity Effect by Regulating Adipocyte Browning and Lipogenesis.

Intestinal GPDH-1 regulates high glucose diet induced lifespan extension in aged worms.

A phenome-wide association study (PheWAS) to identify the health impacts of 4-cresol sulfate in the Nagahama Study.

Basidiomycota species in *Drosophila* gut are associated with host fat metabolism.

Atlas of gut microbe-derived products from aromatic amino acids and risk of cardiovascular morbidity and mortality.

Magnesium lithospermate B ameliorates diabetic nephropathy by suppressing the uremic toxin formation mediated by gut microbiota.

The health risk of acetochlor metabolite CMEPA is associated with lipid accumulation induced liver injury.

Exposome epidemiology for suspect environmental chemical exposures during pregnancy linked to subsequent breast cancer diagnosis.

Hepatoprotective and anti-hyperglycemic effects of ferulic acid in arsenic-exposed mice.

Arsenic reduces the GATA3 expression associated with an increase in proliferation and migration of mammary epithelial cell line MCF-10A.

Untargeted Multiomics Approach Coupling Lipidomics and Metabolomics Profiling Reveals New Insights in Diabetic Retinopathy.

Altered Gut Microbiota as Potential Biomarkers for Autism Spectrum Disorder in Early Childhood.

TCDD dysregulation of lncRNA expression, liver zonation and intercellular communication across the liver lobule.

Impact of the pentose phosphate pathway on metabolism and pathogenesis of *Staphylococcus aureus*.

Biomolecular phase separation in stress granule assembly and virus infection.

Exposure to p-dichlorobenzene and prevalent endocrine-related reproductive cancers among US women.

Resveratrol ameliorates ortho- polychlorinated biphenyls' induced toxicity in ovary cells.

Torsemide increases arsenic concentrations by inhibition of multidrug resistance protein 4 in arsenic trioxide treated acute promyelocytic leukemia patients.

Exposure to phenols, chlorophenol pesticides, phthalate and PAHs and mortality risk: A prospective study based on 6 rounds of NHANES.

Association between polychlorinated biphenyls exposure and incident type 2 diabetes mellitus: A nested case-control study.

Diosmin exerts hepatoprotective and antihyperglycemic effects against sodium arsenite-induced toxicity through the modulation of oxidative stress and inflammation in mice.

Durvillaea antarctica: A Seaweed for Enhancing Immune and Cardiometabolic Health and Gut Microbiota Composition Modulation.

Fetal and neonatal dioxin exposure causes sex-specific metabolic alterations in mice.

Cystine/Glutamate Xc(-) Antiporter Induction Compensates for Transsulfuration Pathway Repression by 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) to Ensure Cysteine for Hepatic Glutathione Biosynthesis.

Transcriptional, hormonal and histological alterations in the ovaries of BALB/c mice exposed to TCDD in connection with multigenerational female infertility.

Polychlorinated biphenyls, polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, pesticides, and diabetes in the Anniston Community Health Survey follow-up (ACHS II): single exposure and mixture analysis approaches.

Possible Effects of Uremic Toxins p-Cresol, Indoxyl Sulfate, p-Cresyl Sulfate on the Development and Progression of Colon Cancer in Patients with Chronic Renal Failure.

Changes in metabolic landscapes shape divergent but distinct mutational signatures and cytotoxic consequences of redox stress.

Concomitant inhibition of TLR-4 and SGLT2 by phloretin and empagliflozin prevents diabetes-associated ischemic acute kidney injury.

Removal of iodine by dry adsorbents in filtered containment venting system after 10 years of Fukushima accident.

Ferrous sulfate reverses cerebral metabolic abnormality induced by minimal hepatic encephalopathy.

Impaired pancreatic beta-cell function after a single dose of oral iron: A before-and-after (pre-post) study.

Biodegradable Hollow Nanoscavengers Restore Liver Functions to Reverse Insulin Resistance in Type 2 Diabetes.

Regenerative plantlets with improved agronomic characteristics caused by anther culture of tetraploid potato (*Solanum tuberosum* L.).

Serum Levels of Indoxyl Sulfate and P-cresol in Type II Diabetic Patients With and Without Nephropathy.

Citicoline ameliorates arsenic-induced hepatotoxicity and diabetes in mice by overexpression of VAMP2, PPAR- γ , As3MT, and SIRT3.

Effect of the probiotic strain, *Lactiplantibacillus plantarum* P9, on chronic constipation: A randomized, double-blind, placebo-controlled study.

Activation of the Cap'n'collar C pathway (Nrf2 pathway in vertebrates) signaling in insulin pathway compromised *Drosophila melanogaster* flies ameliorates the diabetic state upon pro-oxidant conditions.

Polyhalogenated carbazoles induce hepatic metabolic disorders in mice via alteration in gut microbiota.

Steatosis and Metabolic Disorders Associated with Synergistic Activation of the CAR/RXR Heterodimer by Pesticides.

The vitamin B(12) analog cobinamide ameliorates azide toxicity in cells, *Drosophila melanogaster*, and mice.

α -Lipoic acid eliminates dioxin-induced offspring sexual immaturity by improving abnormalities in folic acid metabolism.

Endocrine-disrupting chemicals (EDCs) and cancer: new perspectives on an old relationship.

Disruption of mitochondrial function augments the radiosensitivity of prostate cancer cell lines.

Exposure to nonanoic acid alters small intestinal neuroendocrine tumor phenotype.

Consequences of reprogramming acetyl-CoA metabolism by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the mouse liver.

Associations of metal mixtures with metabolic-associated fatty liver disease and non-alcoholic fatty liver disease: NHANES 2003-2018.

Ifosfamide - History, efficacy, toxicity and encephalopathy.

The capsaicinoid nonivamide suppresses the inflammatory response and attenuates the progression of steatosis in a NAFLD-rat model.

A screening test proposal for congenital defects based on maternal serum metabolomics profile.

Assessment of uremic toxins in advanced chronic kidney disease patients on maintenance hemodialysis by LC-ESI-MS/MS.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces liver lipid metabolism disorder via the ROS/AMPK/CD36 signaling pathway.

Phosphine gas in the dark induces severe phytotoxicity in *Arabidopsis thaliana* by increasing a hypoxia stress response and disrupting the energy metabolism: Transcriptomic approaches.

Rapid and sustainable HPLC method for the determination of uremic toxins in human plasma samples.

Metabolomic Analyses to Identify Candidate Biomarkers of Cystinosis.

Diagnostic biomarker panels of osteoarthritis: UPLC-QToF/MS-based serum metabolic profiling.

Food for thought-The link between *Clostridioides difficile* metabolism and pathogenesis.

Toward an understanding of the role of the exposome on fragile X phenotypes.

Association of the gut microbiome with kidney function and damage in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL).

The Aryl Hydrocarbon Receptor Ligand 6-Formylindolo(3,2-b)carbazole Promotes Estrogen Receptor Alpha and c-Fos Protein Degradation and Inhibits MCF-7 Cell Proliferation and Migration.

Bile acid metabolism involved into the therapeutic action of Xiaojianzhong Tang via gut microbiota to treat chronic atrophic gastritis in rats.

Alpha-lipoic acid inhibits sodium arsenite-mediated autophagic death of rat insulinoma cells.

Endocrine disruptors and endometriosis.

The environmental pollutant, polychlorinated biphenyl 126, alters liver function in a rodent model of alcohol-associated liver disease.

On-Demand Removable Self-Healing and pH-Responsive Europium-Releasing Adhesive Dressing Enables Inflammatory Microenvironment Modulation and Angiogenesis for Diabetic Wound Healing.

Multi-omics reveals diet-induced metabolic disorders and liver inflammation via microbiota-gut-liver axis.

Temporal decline of sperm concentration: role of endocrine disruptors.

Betaine protects against sodium arsenite-induced diabetes and hepatotoxicity in mice.

Effect of glyphosate, its metabolite AMPA, and the glyphosate formulation Roundup(®) on brown trout (*Salmo trutta f. fario*) gut microbiome diversity.

Metabolic Communication by SGLT2 Inhibition.

Antioxidant Vitamins Attenuate Glyphosate-Induced Development of Type-2 Diabetes Through the Activation of Glycogen Synthase Kinase-3 β and Forkhead Box Protein O-1 in the Liver of Adult Male Rats.

Genome-Wide Identification and Expression Analysis Reveals the B3 Superfamily Involved in Embryogenesis and Hormone Responses in *Dimocarpus longan* Lour.

Toxic risk evaluation of effluents from a swine biodigester in the plant models *Lactuca sativa* and *Allium cepa*.

An insight into the critical role of gut microbiota in triggering the phthalate-induced toxicity and its mitigation using probiotics.

Toxicological evaluation of TBBPA by common carp (*Cyprinus carpio*) about the in vivo/vitro disturbance of the AHR pathway.

Plasma metabolites of aromatic amino acids associate with clinical severity and gut microbiota of Parkinson's disease.

Arsenic-Induced Thyroid Hormonal Alterations and Their Putative Influence on Ovarian Follicles in Balb/c Mice.

Untargeted Metabolomics Analyses and Contaminant Chemistry of Dreissenid Mussels at the Maumee River Area of Concern in the Great Lakes.

Association between Environmental Exposure to Multiclass Organic Pollutants and Sex Steroid Hormone Levels in Women of Reproductive Age.

Hormonal Status of Transgenic Birch with a Pine Glutamine Synthetase Gene during Rooting In Vitro and Budburst Outdoors.

Indoor metabolites and chemicals outperform microbiome in classifying childhood asthma and allergic rhinitis.

Age-dependent changes in the gut microbiota and serum metabolome correlate with renal function and human aging.

Thiosulfate sulfurtransferase deficiency promotes oxidative distress and aberrant NRF2 function in the brain.

Uroprotective Potential of Campesterol in Cyclophosphamide Induced Interstitial Cystitis; Molecular Docking Studies.

Characterization of fifteen key genes involved in iron metabolism and their responses to dietary iron sources in yellow catfish *Pelteobagrus fulvidraco*.

Impact of endocrine disruptors on peripheral blood mononuclear cells in vitro: role of gender.

Effect of replacing inorganic iron with iron-rich microbial preparations on growth performance, serum parameters and iron metabolism of weaned piglets.

Changes in the Phenotype of Intramural Inhibitory Neurons of the Porcine Descending Colon Resulting from Glyphosate Administration.

Evaluation of arsenic metabolism and tight junction injury after exposure to arsenite and monomethylarsonous acid using a rat in vitro blood-Brain barrier model.

Differential transcriptomic alterations in nasal versus lung tissue of acrolein-exposed rats.

Influence of in vitro gastrointestinal digestion and colonic fermentation on carbonyl scavenging capacity of fiber-bound polyphenols from quinoa.

Influences of continuous and pulse atrazine exposure on intestinal flora and metabolites of *Pelophylax nigromaculatus* tadpoles.

Cross species extrapolation of the disruption of thyroid hormone synthesis by oxyfluorfen using in vitro data, physiologically based pharmacokinetic (PBPK), and thyroid hormone kinetics models.

Micropropagation and Acclimatization of *Gymnocalycium* cv. Fancy (Cactaceae): Developmental Responses to Different Explant Types and Hormone Conditions.

Metabolic Pathways for Removing Reactive Aldehydes are Diminished in Atrophic Muscle During Heart Failure.

Implication of amino acid metabolism and cell surface integrity for the thermotolerance mechanism in the thermally adapted acetic acid bacterium *Acetobacter pasteurianus* TH-3.

An overview of ATP synthase, inhibitors, and their toxicity.

Time-Dependent Proteomic Signatures Associated with Embryogenic Callus Induction in *Carica papaya* L.

ALS gene overexpression and enhanced metabolism conferring *Digitaria sanguinalis* resistance to nicosulfuron in China.

The response of nitrifying activated sludge to chlorophenols: Insights from metabolism and redox homeostasis.

Spatiotemporal accumulation differences of volatile compounds and bacteria metabolizing pickle like odor compounds during stacking fermentation of Maotai-flavor baijiu.

Mixture effect assessment applying in vitro bioassays to in-tissue silicone extracts of traditional foods prepared from beluga whale blubber.

Microbe-derived uremic solutes enhance thrombosis potential in the host.

In Vitro and In Vivo Evaluation for Antioxidant and Anti-Diabetic Properties of *Cyperus rotundus* L. Kombucha.

Proteomic characterization of a lutein-hyperaccumulating *Chlamydomonas reinhardtii* mutant reveals photoprotection-related factors as targets for increasing cellular carotenoid content.

Resveratrol Attenuates 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Mediated Induction of Myeloid-Derived Suppressor Cells (MDSC) and Their Functions.

DNA Methylation Aberrations in Dimethylarsinic Acid-Induced Bladder Carcinogenesis.

Assessment of glyphosate and its metabolites' residue concentrations in cultured African Catfish offered for sale in selected markets in Ibadan, Oyo State, Nigeria.

Epidemiology and etiology of diffuse large B-cell lymphoma.

Bifenox induces programmed cell death in bovine mammary epithelial cells by impairing calcium homeostasis, triggering ER stress, and altering the signaling cascades of PI3K/AKT and MAPK.

3-Methylglutaryl carnitine: A biomarker of mitochondrial dysfunction.

Sub-lethal toxicity of five disinfection by-products on microalgae determined by flow cytometry - Lines of evidence for adverse outcome pathways.

Determination of urinary deanol-N-oxide excretion profiles after ingestion of nutritional supplements containing deanol.

Stable isotope synthesis of glycine transporter 1 inhibitor Iclepertin (BI 425809) and its major metabolites.

Urinary acrolein protein conjugates-to-creatinine ratio is positively associated with diabetic peripheral neuropathy in patients with type 2 diabetes mellitus.

Dimethenamid promotes oxidative stress and apoptosis leading to cardiovascular, hepatic, and pancreatic toxicities in zebrafish embryo.

Deeper insights into the effects of low dietary levels of polychlorinated biphenyls on pig metabolism using gas chromatography-high resolution mass spectrometry metabolomics.

Uncovering the impact of agricultural activities and urbanization on rivers from the Piracicaba, Capivari, and Jundiaí basin in São Paulo, Brazil: A survey of pesticides, hormones, pharmaceuticals, industrial chemicals, and PFAS.

Developmental toxicity of flufenacet including vascular, liver, and pancreas defects is mediated by apoptosis and alters the Mapk and PI3K/Akt signal transduction in zebrafish.

Gut Microbiota and Its Role in the Brain-Gut-Kidney Axis in Hypertension.

Acrolein induces mitochondrial dysfunction and insulin resistance in muscle and adipose tissues in vitro and in vivo.

Huangqi Jianzhong Tang treats chronic atrophic gastritis rats by regulating intestinal flora and conjugated bile acid metabolism.

Inhibition of *Spartina alterniflora* growth alters soil bacteria and their regulation of carbon metabolism.

A critical review on environmental risk and toxic hazards of refractory pollutants discharged in chlorolignin waste of pulp and paper mills and their remediation approaches for environmental safety.

Metabolomics reveal metabolic variation caused by co-culture of *Arthrobacter ureafaciens* and *Trichoderma harzianum* and their impacts on wheat germination.

Acetobacter pomorum in the Drosophila gut microbiota buffers against host metabolic impacts of dietary preservative formula and batch variation in dietary yeast.

Comprehensive genomic and metabolomic analysis revealed the physiological characteristics and pickle like odor compounds metabolic pathways of Bacillus amyloliquefaciens ZZ7 isolated from fermented grains of Maotai-flavor baijiu.

Developmental and cardiovascular toxicities of acetochlor and its chiral isomers in zebrafish embryos through oxidative stress.

Reductive stress induced by NRF2/G6PD through glucose metabolic reprogramming promotes malignant transformation in Arsenite-exposed human keratinocytes.

Including the bioconcentration of pesticide metabolites in plant uptake modeling.

Regulating mechanism of denitrifier Comamonas sp. YSF15 in response to carbon deficiency: Based on carbon/nitrogen functions and bioaggregation.

Fibroblast Growth Factor 21 in Gestational Diabetes Mellitus and Type 2 Diabetes Mellitus.

Investigation of the Persistence, Toxicological Effects, and Ecological Issues of S-Triazine Herbicides and Their Biodegradation Using Emerging Technologies: A Review.

Bioactive strawberry fruit (Arbutus unedo L.) extract remedies paraquat-induced neurotoxicity in the offspring prenatally exposed rats.

Comprehensive insights into herbicide resistance mechanisms in weeds: a synergistic integration of transcriptomic and metabolomic analyses.

A review of food contaminant 2,3,7,8-tetrachlorodibenzo-p-dioxin and its toxicity associated with metabolic disorders.

Protective effect of didymin against 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin-induced reproductive toxicity in male rats.

Memory Reflections of the Microbiota-Gut and Oligodendrocyte Axis.

Untargeted Metabolomic Analyses of Body Fluids to Differentiate TBI DOC and NTBI DOC.

Acute paraquat poisoning complicated by acute kidney injury and lung fibrosis: a case report from Nepal.

Carbonyl cyanide-4-(trifluoromethoxy)phenylhydrazone-induced toxicities in rats: comparative study with other mitochondrial uncouplers (2,4-dinitrophenol, OPC-163493 and tolcapone).

Microbial metabolism and health risk assessment of kitchen waste odor VOCs.

Microbial dietary protein metabolism regulates GLP-1 mediated intestinal transit.

Interactions of arsenic exposure, arsenic metabolism with red blood cell folate on the risk of hypertension: NHANES 2007-2016.

Metagenomics and metabolomics of Toddy, an Indian fermented date palm beverage.

Alterations of Bax/Bcl-2 ratio contribute to NaAsO₂ induced thyrotoxicity in human thyroid follicular epithelial cells and SD rats.

Adverse bioenergetic effects of N-acyl amino acids in human adipocytes overshadow beneficial mitochondrial uncoupling.

Pelargonic acid vanillylamide alleviates hepatic autophagy and ER stress in hepatic steatosis model.

Effects of temperature-humidity index on blood metabolites of German dairy cows and their female calves.

Attenuation of sodium arsenite mediated ovarian DNA damage, follicular atresia, and oxidative injury by combined application of vitamin E and C in post pubertal Wistar rats.

Effect of Intestinal Flora on Hyperuricemia-Induced Chronic Kidney Injury in Type 2 Diabetic Patients and the Therapeutic Mechanism of New Anti-Diabetic Prescription Medications.

[Research on Occupational Poisoning and Biological Monitoring].

The impact of Parkinson's disease-associated gut microbiota on the transcriptome in *Drosophila*.

Full-length transcriptome analysis revealed that 2,4-dichlorophenoxyacetic acid promoted in vitro bulblet initiation in lily by affecting carbohydrate metabolism and auxin signaling.

Interspecific insights into direct and indirect effects of acetochlor on interactions between daphnids and microalgae: Toxic, trophic, and grazer-infochemical responses.

Levels of Urinary Mercapturic Acids of Acrolein, Methacrolein, Crotonaldehyde, and Methyl Vinyl Ketone in Relationship to Chronic Obstructive Pulmonary Disease in Cigarette Smokers of the Subpopulations and Intermediate Outcome Measures in COPD Study (SPIROMICS).

Oligomeric Changes Regulate Flavin Transfer in Two-Component FMN Reductases Involved in Sulfur Metabolism.

Pesticide residues in honey bee (*Apis mellifera*) pollen collected in two ornamental plant nurseries in Connecticut: Implications for bee health and risk assessment.

A comprehensive review of chlorophenols: Fate, toxicology and its treatment.

Stable Isotope Dilution Analysis (SIDA) to Determine Metabolites of Furan and 2-Methylfuran in Human Urine Samples: A Pilot Study.

Effects of Chronic Roundup Exposure on Medaka Larvae.

Effects of Biological Nitrogen Metabolism on Glufosinate-Susceptible and -Resistant Goosegrass (*Eleusine indica* L.).

Chronic Interstitial Nephritis in Agricultural Communities: Observational and Mechanistic Evidence Supporting the Role of Nephrotoxic Agrochemicals.

Hairy root culture: a potent method for improved secondary metabolite production of Solanaceous plants.

The response of microbial compositions and functions to chronic single and multiple antibiotic exposure by batch experiment.

Acetobacter pasteurianus BP2201 alleviates alcohol-induced hepatic and neuro-toxicity and modulate gut microbiota in mice.

Fluchloralin induces developmental toxicity in heart, liver, and nervous system during early zebrafish embryogenesis.

Connecting Suborganismal Data to Bioenergetic Processes: Killifish Embryos Exposed to a Dioxin-Like Compound.

Controllable-Swelling Microneedle-Assisted Ultrasensitive Paper Sensing Platforms for Personal Health Monitoring.

Cytochrome P450s-Involved Enhanced Metabolism Contributes to the High Level of Nicosulfuron Resistance in *Digitaria sanguinalis* from China.

Metformin Overcomes the Consequences of NKX3.1 Loss to Suppress Prostate Cancer Progression.

Development of skin diseases following systemic exposure: example of dioxins.

Three-Way Cell-Based Screening of Antistress Compounds: Identification, Validation, and Relevance to Old-Age-Related Pathologies.

The BCKDK inhibitor BT2 is a chemical uncoupler that lowers mitochondrial ROS production and de novo lipogenesis.

Integrated physiological and transcriptome analysis reveals potential toxicity mechanism of haloxyfop-P-methyl to *Chiromantes dehaani*.

Risk assessment of predatory lady beetle *Propylea japonica*'s multi-generational exposure to three non-insecticidal agrochemicals.

Lycopene supplementation: effects on oxidative stress, sex hormones, gonads and thyroid tissue in tilapia *Oreochromis niloticus* during Harness(Â®) exposure.

Subchronic Arsenite Exposure Induced Atrophy and Erythropoietin Sensitivity Reduction in Skeletal Muscle Were Relevant to Declined Serum Melatonin Levels in Middle-Aged Rats.

Roles of DNA Target in Cancer Cell-Selective Cytotoxicity by Dicopper Complexes with DNA Target/Ligand Conjugates.

Antioxidant Effects of Argan Oil and Olive Oil against Iron-Induced Oxidative Stress: In Vivo and In Vitro Approaches.

Restoration of energy homeostasis under oxidative stress: Duo synergistic AMPK pathways regulating arginine kinases.

The Arabidopsis Target of Rapamycin kinase regulates ammonium assimilation and glutamine metabolism.

Effects of Prometryn Exposure on Hepatopancreas Oxidative Stress and Intestinal Flora in *Eriocheir sinensis* (Crustacea: Decapoda).

Isolation of Aroma-Producing *Wickerhamomyces anomalus* Yeast and Analysis of Its Typical Flavoring Metabolites.

Updating "Dataset of transcriptomic changes that occur in human preadipocytes over a 3-day course of exposure to 3,3',4,4',5-Pentachlorobiphenyl (PCB126)" with additional data on exposure to 2,2',5,5'-tetrachlorobiphenyl (PCB52) or its 4-hydroxy metabolite (4-OH-PCB52).

Global survey of dioxin- and thyroid hormone-like activities in consumer products and toys.

Comparative analysis of toxicity and metabolomic profiling of rac-glufosinate and L-glufosinate in zebrafish.

Evidence for crosstalk between the aryl hydrocarbon receptor and the translocator protein in mouse lung epithelial cells.

Identification of two possible metabolic pathways responsible for the biodegradation of 3, 5, 6-trichloro-2-pyridinol in *Micrococcus luteus* ML.

[8] and [10]-Gingerol reduces urothelial damage in ifosfamide-induced hemorrhagic cystitis via JAK/STAT/FOXO signaling pathway via IL-10.

Prevention of DSS-induced colitis in mice with water kefir microbiota via anti-inflammatory and microbiota-balancing activity.

Development of Simultaneous Determination Method of Pesticide High Toxic Metabolite 3,4-Dichloroaniline and 3,5 Dichloroaniline in Chives Using HPLC-MS/MS.

Environmental cadmium exposure alters the internal microbiota and metabolome of Sprague-Dawley rats.

Rapid Detection of Volatile Organic Metabolites in Urine by High-Pressure Photoionization Mass Spectrometry for Breast Cancer Screening: A Pilot Study.

Agent Orange Causes Metabolic Dysfunction and Molecular Pathology Reminiscent of Alzheimer's Disease.

Microbial metabolite p-cresol inhibits gut hormone expression and regulates small intestinal transit in mice.

Air, Dermal, and Urinary Metabolite Levels of Backpack and Tractor Sprayers Using the Herbicide Acetochlor in Thailand.

Protective effect of vitamin C against tetrachlorobenzoquinone-induced 5-hydroxymethylation-dependent apoptosis in HepG2 cells mainly via the mitochondrial apoptosis pathway.

Adsorption of glyphosate and metabolite aminomethylphosphonic acid (AMPA) from water by polymer-based spherical activated carbon (PBSAC).

Untargeted Analysis of Serum Metabolomes in Dogs with Exocrine Pancreatic Insufficiency.

Exploring breast tissue microbial composition and the association with breast cancer risk factors.

Anti-osteoporotic drugs affect the pathogenesis of gut microbiota and its metabolites: a clinical study.

Conservation linkages of endangered medicinal plant and exploration of phytochemicals, pharmaceutical screening and in silico validation against diabetics using in vivo wild and in vitro regenerated plant *Boucerosia diffusa* Wight.

Joint effects of phenol, chlorophenol pesticide, phthalate, and polycyclic aromatic hydrocarbon on bone mineral density: comparison of four statistical models.

Protein adducts with lipid peroxidation products in patients with psoriasis.

Studies of Endocrine Disruptors: Nonylphenol and Isomers in Biological Models.

Secondary Metabolites with Herbicidal and Antifungal Activities from Marine-Derived Fungus *Alternaria iridiauxalis*.

Exposome Epidemiology for Suspect Environmental Chemical Exposures during Pregnancy Linked to Subsequent Breast Cancer Diagnosis.

Effects of prometryn on oxidative stress, immune response and apoptosis in the hepatopancreas of *Eriocheir sinensis* (Crustacea: Decapoda).

Specialized Metabolites Accumulation Pattern in Buckwheat Is Strongly Influenced by Accession Choice and Co-Existing Weeds.

Insights into the Ecotoxicology of Radicinin and (10S,11S)-(-)-epi-Pyriculol, Fungal Metabolites with Potential Application for Buffelgrass (*Cenchrus ciliaris*) Biocontrol.

Interaction between Phthalate Ester and Rice Plants: Novel Transformation Pathways and Metabolic-Network Perturbations.

The exposure to volatile organic chemicals associates positively with rheumatoid arthritis: a cross-sectional study from the NHANES program.

Altered fecal microbiome and metabolome profiles in rat models of short bowel syndrome.

Hormetic Effect of Glyphosate on the Morphology, Physiology and Metabolism of Coffee Plants.

Novel 2-alkylthio-4-chloro-N-[imino(heteroaryl)methyl]benzenesulfonamide Derivatives: Synthesis, Molecular Structure, Anticancer Activity and Metabolic Stability.

Dissecting the effects of paraquat-induced pulmonary injury in rats using UPLC-Q-TOF-MS/MS-based metabolomics.

Effects of metamifop on ammonia production and metabolism of *Monopterus albus*.

The antifungal effect induced by itraconazole in *Candida parapsilosis* largely depends on the oxidative stress generated at the mitochondria.

Associations between biomarkers of nicotine/tobacco exposure and respiratory symptoms among adults who exclusively smoke cigarettes in the U.S.: Findings from the PATH Study Waves 1-4 (2013-2017).

Engineering *Komagataella phaffii* to biosynthesize cordycepin from methanol which drives global metabolic alterations at the transcription level.

Sex-specific effects of prenatal organophosphate ester (OPE) metabolite mixtures and adverse infant birth outcomes in the maternal and developmental risks from environmental and social stressors (MADRES) pregnancy cohort.

The metabolic processes of selected pesticides and their influence on plant metabolism. A case study of two field-cultivated wheat varieties.

Ecotoxicological risk assessment of 14 pesticides and corresponding metabolites to groundwater and soil organisms using China-PEARL model and RQ approach.

Dietary rumen-protected choline supplementation regulates blood biochemical profiles and urinary metabolome and improves growth performance of growing lambs.

Agrobacterium-mediated direct transformation of wheat mature embryos through organogenesis.

Efficient Plant Regeneration System from Leaf Explant Cultures of *Daphne genkwa* via Somatic Embryogenesis.

GC-MS based untargeted metabolomics reveals the metabolic response of earthworm (*Eudrilus eugeniae*) after chronic combinatorial exposure to three different pesticides.

Development of Biocellulose Sheet Incorporating Aloe vera Gel Extract for Diabetic Wound Healing.

Human exposure to pesticides and thyroid cancer: a worldwide systematic review of the literatures.

Pentachlorophenol-induced hemotoxicity diminishes antioxidant potential and oxidizes proteins, thiols, and lipids in rat blood: An in vivo study.

Effects of perinatal stress on the metabolites and lipids in plasma of dairy goats.

In utero arsenic exposure and early childhood motor development in the New Hampshire Birth Cohort Study.

Exogenous spermine alleviates the negative effects of combined salinity and paraquat in tomato plants by decreasing stress-induced oxidative damage.

Effect of butachlor on *Microcystis aeruginosa*: Cellular and molecular mechanisms of toxicity.

Inhibition of the Beta-oxidation Pathway of Fatty Acids and Dopamine- Beta-hydroxylase by Phenyl Derivatives of Short- Chain Fatty Acids from Gastrointestinal Clostridia Bacteria is a (the) Major Cause of Autism.

Regulatory networks of hormone-involved transcription factors and their downstream pathways during somatic embryogenesis of *Arabidopsis thaliana*.

First study of bromophenols and hexabromocyclododecanes in seafood from North Africa (case of Bizerte Lagoon, Tunisia): occurrence and human health risk.

Urinary concentration of phthalates and bisphenol A during minipuberty is associated with reproductive hormone concentrations in infant boys.

Exposure to phthalates and DiNCH among preschool children in Sweden: Urinary metabolite concentrations and predictors of exposure.

Metabolomics Differences of the Donor Livers Between In Situ and Ex Situ Conditions During Ischemia-free Liver Transplantation.

Exposure to oxyfluorfen-induced hematobiochemical alterations, oxidative stress, genotoxicity, and disruption of sex hormones in male African catfish and the potential to confront by *Chlorella vulgaris*.

Urine Metabolomic Signature of People Diagnosed with Balkan Endemic Nephropathy and Other Types of Chronic Kidney Disease Compared with Healthy Subjects in Romania.

The Effects of Sodium Tetraborate against Lead Toxicity in Rats: The Behavior of Some Metabolic Enzymes.

Biological effects of sub-lethal doses of glyphosate and AMPA on cardiac myoblasts.

Novel approach for verification of a human PBPK modeling strategy using chimeric mice in the health risk assessment of epyrifenacil.

Two decades of the EU Water Framework Directive: Evidence of success and failure from a lowland arable catchment (River Wensum, UK).

Pretreatment of ellagic acid protects ifosfamide-induced acute nephrotoxicity in rat kidneys: A mitochondrial, histopathological and oxidative stress approaches.

Enhanced Herbicide Metabolism and Target-Site Mutations Confer Multiple Resistance to Fomesafen and Nicosulfuron in *Amaranthus retroflexus* L.

Sodium arsenite-induced changes in the wood of esca-diseased grapevine at cytological and metabolomic levels.

Exploratory Analysis on Herbicide Metabolism and Very-Long-Chain Fatty Acid Production in Metolachlor-Resistant Palmer Amaranth (*Amaranthus palmeri* S. Wats.).

Characterization of the Aroma Profiles of Guangdong Black Teas Using Non-Targeted Metabolomics.

The capillary-leakage syndrome caused by glyphosate poisoning: a case report.

Interosseous Membrane Stimulation: A Treatment for Painful Peripheral Neuropathy.

Toxicity and ecological risk assessment for two AhR agonistic pesticides mepanipyrim and cyprodinil and their metabolites.

Accumulation and metabolism of pyroxasulfone in tomato seedlings.

Nicosulfuron stress on the glyoxalase system and endogenous hormone content in sweet maize seedlings.

Excretion kinetics of 1,3-dichlorobenzene and its urinary metabolites after controlled airborne exposure in human volunteers.

Acetyltransferase OsACE2 acts as a regulator to reduce the environmental risk of oxyfluorfen to rice production.

Pesticides and Parabens Contaminating Aquatic Environment: Acute and Sub-Chronic Toxicity towards Early-Life Stages of Freshwater Fish and Amphibians.

Route of Arsenic Exposure Differentially Impacts the Expression of Genes Involved in Gut-Mucosa-Associated Immune Responses and Gastrointestinal Permeability.

Development of Boron-Containing PVA-Based Cryogels with Controllable Boron Releasing Rate and Altered Influence on Osteoblasts.

Specialized Metabolites Produced by Phytotopatogen Fungi to Control Weeds and Parasite Plants.

Sexual dysfunction precedes motor defects, dopaminergic neuronal degeneration, and impaired dopamine metabolism: Insights from Drosophila model of Parkinson's disease.

Production of Secondary Metabolites from Cell Cultures of *Sageretia thea* (Osbeck) M.C. Johnst. Using Balloon-Type Bubble Bioreactors.

Association of bone mineral density with trichlorophenol: a population-based study.

Unravelling the Phytotoxic Effects of Glyphosate on Sensitive and Resistant *Amaranthus palmeri* Populations by GC-MS and LC-MS Metabolic Profiling.

Pyruvate kinase M2 modification by a lipid peroxidation byproduct acrolein contributes to kidney fibrosis.

Associations between residential volatile organic compound exposures and liver injury markers: The role of biological sex and race.

Dynamic changes of quality and flavor characterization of Zhejiang rosy vinegar during fermentation and aging based on untargeted metabolomics.

Metabolomic analysis of the effects of a mixed culture of *Saccharomyces cerevisiae* and *Lactiplantibacillus plantarum* on the physicochemical and quality characteristics of apple cider vinegar.

Ceruloplasmin Interferes with the Assessment of Blood Lipid Hydroperoxide Content in Small Ruminants.

Molecular and Biochemical Evidence of the Toxic Effects of Terbutylazine and Malathion in Zebrafish.

Can Sulfonylureas for Agricultural Use Cause Diabetes? A Report of Three Cases.

Bioherbicidal Activity and Metabolic Profiling of Allelopathic Metabolites of Three *Cassia* species using UPLC-qTOF-MS/MS and Molecular Networking.

Availability of aldo-keto reductase 1C3 and ATP-binding cassette B1 as therapeutic targets for alleviating paclitaxel resistance in breast cancer MCF7 cells.

Interpretation of ametryn biodegradation in rice based on joint analyses of transcriptome, metabolome and chemo-characterization.

Combined effects of high temperature and pesticide mixture exposure on free-swimming behaviors and hepatic cytochrome P450 1A expression in goldfish, *Carassius auratus*.

Characterization of a New *Pseudomonas Putida* Strain Ch2, a Degradator of Toxic Anthropogenic Compounds Epsilon-Caprolactam and Glyphosate.

Rural Land Management and Kidney Health.

A Nomogram for Early Diagnosis of Community-Acquired Pneumonia Based on Bronchoalveolar Lavage Fluid Metabolomics.

AhR-mediated lipid peroxidation contributes to TCDD-induced cardiac defects in zebrafish.

ROS downregulate TCA activity to modulate energy metabolism via the HIF/miR-34/ACS-PK pathway for lifespan extension in *Helicoverpa armigera*.

Metabolic reconstruction of the near complete microbiome of the model sponge *Ianthella basta*.

Autophagy and its mediated mitochondrial quality control maintain pollen tube growth and male fertility in *Arabidopsis*.

Effects of p-cresol, a uremic toxin, on cancer cells.

Phytochemical Composition and Biological Activities of Extracts from Early, Mature, and Germinated Somatic Embryos of *Cotyledon orbiculata* L.

Implications of atrazine concentrations in drinking water from Ijebu-North, Southwest Nigeria on the hypothalamic-pituitary-adrenal axis.

The quest for metabolic biomarkers of agrochemicals exposure via in vitro studies and suspect screening.

Microbial Virulence Factors, Antimicrobial Resistance Genes, Metabolites, and Synthetic Chemicals in Cabins of Commercial Aircraft.

Effects on *Pseudomonas plecoglossicida* 2,4-D and Humic Substances on the Growth, Pigment Indices and Concentration of Hormones in Wheat Seedlings Grown under Water Deficit.

Multi-Omics Analyses Reveal the Mechanisms of Early Stage Kidney Toxicity by Diquat.

Vineyard Management and Physicochemical Parameters of Soil Affect Native *Trichoderma* Populations, Sources of Biocontrol Agents against *Phaeoacremonium minimum*.

Design, Synthesis, and Metabolism Studies of N-1,4-Diketophenyltriazinones as Protoporphyrinogen IX Oxidase Inhibitors.

Global Metabolome of Palmer Amaranth (*Amaranthus palmeri*) Populations Highlights the Specificity and Inducibility of Phytochemical Responses to Abiotic Stress.

Pesticide exposure and asthma morbidity in children residing in urban, multi-family housing.

The association analysis between exposure to volatile organic chemicals and obesity in the general USA population: A cross-sectional study from NHANES program.

Azole pesticide products and their hepatic metabolites cause endocrine disrupting potential by suppressing the homo-dimerization of human estrogen receptor alpha.

Melatonin alleviates arsenic (As) toxicity in rice plants via modulating antioxidant defense system and secondary metabolites and reducing oxidative stress.

Do changes in persistent organic pollutants after bariatric surgery cause endocrine disruption?

Mercury and methylmercury differentially modulate hepatic cytochrome P450 1A1 and 1A2 in vivo and in vitro.

Mulberry leaf extract improves intestinal barrier function and displays beneficial effects on colonic microbiota and microbial metabolism in weaned piglets.

Transcriptomics provides insights into toxicological effects and molecular mechanisms associated with the exposure of Chinese mitten crab, *Eriocheir sinensis*, to dioxin.

Risk Assessment of Pesticide Residues by GC-MSMS and UPLC-MSMS in Edible Vegetables.

Beneficial metabolic transformations and prebiotic potential of hemp bran and its alcalase hydrolysate, after colonic fermentation in a gut model.

The kidney drug transporter OAT1 regulates gut microbiome-dependent host metabolism.

Protection of Mitochondrial Potential and Activity by Oxyprenylated Phenylpropanoids.

Dynamics in fermentation quality, bacterial community, and metabolic profile during silage fermentation of late-harvested elephant grass.

Metamifop as an estrogen-like chemical affects the pituitary-hypothalamic-gonadal (HPG) axis of female rice field eels (*Monopterus albus*).

Metabolism Difference Is Involved in Mesosulfuron-Methyl Selectivity between *Aegilops tauschii* and *Triticum aestivum*.

Enhanced Glycolysis Confers Resistance Against Photon but Not Carbon Ion Irradiation in Human Glioma Cell Lines.

Secondary Metabolites from *Aspergillus sparsus* NBERC_28952 and Their Herbicidal Activities.

A host-gut microbial amino acid co-metabolite, p-cresol glucuronide, promotes blood-brain barrier integrity in vivo.

Rhamnazin ameliorates 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin-evoked testicular toxicity by restoring biochemical, spermatogenic and histological profile in male albino rats.

The Effect of Sub-chronic Linuron Exposure on Thyroid, Liver, and Kidney Function in Male Wistar Rats.

Biotransformation and detoxification mechanism of inorganic arsenic in a freshwater benthic fish *Tachysurus fulvidraco* with dietborne exposure.

Planting models and mulching materials management to improve anti-oxidant defense system, grain hormone balance and production of maize in semi-arid regions.

Toxicological effects and transcriptome mechanisms of rice (*Oryza sativa* L.) under stress of quinclorac and polystyrene nanoplastics.

Assessment of exposure to volatile organic compounds through urinary concentrations of their metabolites in pet dogs and cats from the United States.

Environmentally relevant uptake, elimination, and metabolic changes following early embryonic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish.

Amyotrophic Lateral Sclerosis Pathoetiology and Pathophysiology: Roles of Astrocytes, Gut Microbiome, and Muscle Interactions via the Mitochondrial Melatonergic Pathway, with Disruption by Glyphosate-Based Herbicides.

Ultimate fate and possible ecological risks associated with atrazine and its principal metabolites (DIA and DEA) in soil and water environment.

Identification of a Novel 2,4-D Metabolic Detoxification Pathway in 2,4-D-Resistant Waterhemp (*Amaranthus tuberculatus*).

Probiotics ameliorate growth retardation of glyphosate by regulating intestinal microbiota and metabolites in crucian carp (*Carassius auratus*).

Glyphosate disturbs various epigenetic processes in vitro and in vivo - A mini review.

Impact of Glyphosate on the Development of Insulin Resistance in Experimental Diabetic Rats: Role of NF- κ B Signalling Pathways.

Toxic Effects Induced by Diuron and Its Metabolites in *Caenorhabditis elegans*.

Atrazine exposure induces necroptosis through the P450/ROS pathway and causes inflammation in the gill of common carp (*Cyprinus carpio* L.).

Protective effect of biogenic selenium nanoparticles against diquat-induced acute toxicity via regulation of gut microbiota and its metabolites.

Comparative assessment of individual and mixture chronic toxicity of glyphosate and glufosinate ammonium on amphibian tadpoles: A multibiomarker approach.

Glyphosate excessive use chronically disrupts the shikimate pathway and can affect photosynthesis and yield in citrus trees.

Exposure to the environmentally toxic pesticide maneb induces Parkinson's disease-like neurotoxicity in mice: A combined proteomic and metabolomic analysis.

Feeding behavior of early life stages of the zebrafish *Danio rerio* is altered by exposure to glyphosate.

Effects of Subtoxic Concentrations of Atrazine, Cypermethrin, and Vinclozolin on microRNA-Mediated PI3K/Akt/mTOR Signaling in SH-SY5Y Cells.

Use of plant growth regulators to reduce 2-methyl-4-chlorophenoxy acetic acid-Na (MPCA-Na) damage in cotton (*Gossypium hirsutum*).

A Human Biomonitoring Study Assessing Glyphosate and Aminomethylphosphonic Acid (AMPA) Exposures among Farm and Non-Farm Families.

PsbA gene over-expression and enhanced metabolism conferring resistance to atrazine in *Commelina communis*.

Pendimethalin exposure induces bovine mammary epithelial cell death through excessive ROS production and alterations in the PI3K and MAPK signaling pathways.

Transcriptome analysis reveals hepatotoxicity in zebrafish induced by cyhalofop-butyl.

Influence of glyphosate and its metabolite aminomethylphosphonic acid on aquatic plants in different ecological niches.

Gut dysfunction may be the source of pathological aggregation of alpha-synuclein in the central nervous system through Paraquat exposure in mice.

Paraquat exposure induces Parkinsonism by altering lipid profile and evoking neuroinflammation in the midbrain.

Histopathological, immunohistochemical, and molecular investigation of atrazine toxic effect on some organs of adult male albino rats with a screening of *Acacia nilotica* as a protective trial.

Identification of differentially expressed genes and pathways in diquat and paraquat poisoning using bioinformatics analysis.

Allelopathic Toxicity of Cyanamide Could Control Amaranth (*Amaranthus retroflexus* L.) in Alfalfa (*Medicago sativa* L.) Field.

Pathogenic and Commensal Gut Bacteria Harboring Glycerol/Diol Dehydratase Metabolize Glycerol and Produce DNA-Reactive Acrolein.

Glyphosate, AMPA and glyphosate-based herbicide exposure leads to GFAP, PCNA and caspase-3 increased immunoreactive area on male offspring rat hypothalamus.

Immunotoxicity of pentachlorophenol to a marine bivalve species and potential toxification mechanisms underpinning.

Diazabicyclo derivatives as safeners protect cotton from injury caused by flumioxazin.

Effects of endocrine active contaminating pesticides on RACK1 expression and immunological consequences in THP-1 cells.

Did decades of glyphosate use have selected for resistant amphibians in agricultural habitats?

Molecular signatures associated with diuron exposure on rat urothelial mitochondria.

Chronic dietary exposure to a glyphosate-based herbicide results in total or partial reversibility of plasma oxidative stress, cecal microbiota abundance and short-chain fatty acid composition in broiler hens.

Characterization of a new selenoprotein methionine sulfoxide reductase from *Haematococcus pluvialis* and its antioxidant activity in response to high light intensity, hydrogen peroxide, glyphosate, and cadmium exposure.

Cross-sectional and longitudinal associations of acrolein exposure with pulmonary function alteration: Assessing the potential roles of oxidative DNA damage, inflammation, and pulmonary epithelium injury in a general adult population.

Biochemical and cellular responses of the freshwater mussel, *Hyriopsis bialata*, to the herbicide atrazine.

Oxidative stress of glyphosate, AMPA and metabolites of pyrethroids and chlorpyrifos pesticides among primary school children in Cyprus.

A systematic review and meta-analysis of the impacts of glyphosate on the reproductive hormones.

Thyroid Cancer and Pesticide Use in a Central California Agricultural Area: A Case Control Study.

Short-Term Test for Toxicogenomic Analysis of Ecotoxic Modes of Action in *Lemna minor*.

Metabolomic analysis of honey bee (*Apis mellifera* L.) response to glyphosate exposure.

Transcriptomic response of *Pseudomonas nicosulfuron*ens LAM1902 to the sulfonyleurea herbicide nicosulfuron.

Urinary glyphosate kinetics after occupational exposure.

Metabolomics analysis of the potential toxicological mechanisms of diquat dibromide herbicide in adult zebrafish (*Danio rerio*) liver.

Time-resolved proteome and transcriptome of paraquat-induced pulmonary fibrosis.

Effects of glyphosate on cladocera: A synthetic review.

UV activated sodium percarbonate to accelerate degradation of atrazine: Mechanism, intermediates, and evaluation on residual toxicity by metabolomics.

Alfalfa's response to atrazine stress and its secreted atrazine metabolites.

Influence of temperature on growth, development and thyroid metabolism of American bullfrog tadpoles (*Lithobates catesbeianus*) exposed to the herbicide tebuthiuron.

Chronic dietary exposure to a glyphosate-based herbicide results in reversible increase early embryo mortality in chicken.

Comparison between the mechanisms of Clearfield \hat{A} ® wheat and *Lolium rigidum* multiple resistant to acetyl CoA carboxylase and acetolactate synthase inhibitors.

Glyphosate, AMPA and glufosinate in soils and earthworms in a French arable landscape.

Curcumin improves the protective effects of quercetin against atrazine-induced testicular injury in adult Wistar rats.

Physiological and metabolic effects of glyphosate as the sole P source on a cosmopolitan phytoplankton and biogeochemical implications.

Herbicide Roundup shows toxic effects in nontarget organism *Drosophila*.

Alternation between toxic and proliferative effects of Roundup® on human thyroid cells at different concentrations.

Effects of Curcumin on Mitochondrial Function, Endoplasmic Reticulum Stress, and Mitochondria-Associated Endoplasmic Reticulum Membranes in the Jejunum of Oxidative Stress Piglets.

Acer pseudoplatanus: A Potential Risk of Poisoning for Several Herbivore Species.

Mass Spectrometry-Based Peptide Profiling of Haemolymph from *Pterostichus melas* Exposed to Pendimethalin Herbicide.

Effects of Anthropogenic Pollutants Identified in Pampas Lakes on the Development and Reproduction of Pejerrey Fish *Odontesthes bonariensis*.

Simultaneous determination of diquat and its two primary metabolites in rat plasma by ultraperformance liquid chromatography-tandem mass spectrometry and its application to the toxicokinetic study.

Developmental and behavioral toxicity assessment of glyphosate and its main metabolite aminomethylphosphonic acid (AMPA) in zebrafish embryos/larvae.

The study of human serum metabolome on the health effects of glyphosate and early warning of potential damage.

The Association Between 2, 4-Dichlorophenoxyacetic Acid and Erectile Dysfunction.

Co-exposure of Monensin Increased the Risks of Atrazine to Earthworms.

Pesticides Inhibit Retinoic Acid Catabolism in PLHC-1 and ZFL Fish Hepatic Cell Lines.

Community metabolomics provides insights into mechanisms of pollution-induced community tolerance of periphyton.

Exposure to glyphosate-based herbicide during early stages of development increases insulin sensitivity and causes liver inflammation in adult mice offspring.

Phytotoxicity and cytogenetic action mechanism of leaf extracts of *Psidium cattleianum* Sabine in plant bioassays.

Glyphosate exposure modulates lipid composition, histo-architecture and oxidative stress status and induces neurotoxicity in the smooth scallop *Flexopecten glaber*.

Cross-resistance of barnyardgrass [*Echinochloa crus-galli* (L.) P. Beauv.] to aryloxyphenoxypropionate herbicides.

Comparing toxicity and biodegradation of racemic glufosinate and L-glufosinate in green algae *Scenedesmus obliquus*.

Anaerobic biodegradation and detoxification of chloroacetamide herbicides by a novel *Proteomiclasticum sediminis* BAD-10(T).

Ecotoxicity testing of paraquat metabolites degraded by filamentous fungi in model organism.

Transcriptome analysis and the identification of genes involved in the metabolic pathways of fenoxaprop-P-ethyl in rice treated with isoxadifen-ethyl hydrolysate.

Developmental toxicity of glyphosate on embryo-larval zebrafish (*Danio rerio*).

Endocrine, immune and renal toxicity in male largemouth bass after chronic exposure to glyphosate and Rodeo®.

Integrating network pharmacology and *in vitro* model to investigate hippocampal neurotoxicity induced by atrazine.

3,4-Dihydroxybenzaldehyde attenuates pentachlorophenol-induced cytotoxicity, DNA damage and collapse of mitochondrial membrane potential in isolated human blood cells.

Specialized Metabolites from the Allelopathic Plant *Retama raetam* as Potential Biopesticides.

Atrazine exposure and recovery alter the intestinal structure, bacterial composition and intestinal metabolites of male *Pelophylax nigromaculatus*.

Probing Herbicide Toxicity to Algae (*Selenastrum capricornutum*) by Lipid Profiling with Machine Learning and Microchip/MALDI-TOF Mass Spectrometry.

Do commonly used herbicides (atrazine and glyphosate) have the potential to impair the contractions, prostaglandin releasing and conducting of oxytocin signal at the bovine cervix *in vitro*?

Realistic exposure to fipronil, 2,4-D, vinasse and their mixtures impair larval amphibian physiology.

CYP81A68 confers metabolic resistance to ALS and ACCase-inhibiting herbicides and its epigenetic regulation in *Echinochloa crus-galli*.

Comparison of the Toxicological Effects of Pesticides in Non-Tumorigenic MCF-12A and Tumorigenic MCF-7 Human Breast Cells.

Histopathological, Immunohistochemical, And Molecular Alterations In Brain Tissue And Submandibular Salivary Gland Of Atrazine-Induced Toxicity In Male Rats.

Effects of chiral herbicide dichlorprop on *Arabidopsis thaliana* metabolic profile and its implications for microbial communities in the phyllosphere.

Proteomic profiling of royal jelly produced by *Apis mellifera* L. exposed to food containing herbicide-based glyphosate.

Metabolism of glyphosate by the human fecal microbiota.

First report on the production of phytotoxic metabolites by *Mycoleptodiscus indicus* under optimized conditions of submerged fermentation.

Long-term exposure to polyethylene microplastics and glyphosate interferes with the behavior, intestinal microbial homeostasis, and metabolites of the common carp (*Cyprinus carpio* L.).

Lycopene ameliorates atrazine-induced pyroptosis in spleen by suppressing the Ox-mtDNA/Nlrp3 inflammasome pathway.

Effects of Phosphonate Herbicides on the Secretions of Plant-Beneficial Compounds by Two Plant Growth-Promoting Soil Bacteria: A Metabolomics Investigation.

Prediction of the human pharmacokinetics of epyrifenacil and its major metabolite, S-3100-CA, by a physiologically based pharmacokinetic modeling using chimeric mice with humanized liver.

Mild chronic exposure to pesticides alters physiological markers of honey bee health without perturbing the core gut microbiota.

Metabolomic and Transcript Analysis Revealed a Sex-Specific Effect of Glyphosate in Zebrafish Liver.

Integrated metabolomics and transcriptomics analysis reveals new biomarkers and mechanistic insights on atrazine exposures in MCF-7 cells.

Apiaceous vegetables protect against acrolein-induced pulmonary injuries through modulating hepatic detoxification and inflammation in C57BL/6 male mice.

Does roundup affect zinc functions in a bivalve mollusk in ex vivo exposure?

Effects of algae and fungicides on the fate of a sulfonylurea herbicide in a water-sediment system.

Impacts of early-life paraquat exposure on gut microbiota and body weight in adult mice.

Pathogenic potential and phytotoxic effects of *Coniolaria gamsii* Iran 2506C on Iranian knapweed (*Centaurea depressa*).

Evaluation of genotoxicity induced by herbicide pendimethalin in fresh water fish *Clarias batrachus* (Linn.) and possible role of oxidative stress in induced DNA damage.

The Effects of Benoxacor on the Liver and Gut Microbiome of C57BL/6 Mice.

A Novel Algicidal Bacterium, *Microbulbifer* sp. YX04, Triggered Oxidative Damage and Autophagic Cell Death in *Phaeocystis globosa*, Which Causes Harmful Algal Blooms.

Effects of co-exposure of the triazine herbicides atrazine, prometryn and terbutryn on *Phaeodactylum tricornutum* photosynthesis and nutritional value.

Cardiotoxicity of cyclophosphamide's metabolites: an in vitro metabolomics approach in AC16 human cardiomyocytes.

Comparison of quintrione and quinclorac on mechanism of action.

Phytotoxic compounds from endophytic fungi.

Effects of glyphosate exposure on honeybees.

Paraquat exposure impairs porcine oocyte meiotic maturation.

Ameliorative effects of biochar on persistency, dissipation, and toxicity of atrazine in three contrasting soils.

Insights into ROS-dependent signalling underlying transcriptomic plant responses to the herbicide 2,4-D.

Attenuating effect of *Prosopis cineraria* against paraquat-induced toxicity in prepubertal mice, *Mus musculus*.

Amelioration of sodium and arsenic toxicity in *Salvinia natans* L. with 2,4-D priming through physiological responses.

Prolonged atrazine exposure beginning in utero and adult uterine morphology in mice.

Enhanced Biodegradation of Phenylurea Herbicides by *Ochrobactrum anthropi* CD3 Assessment of Its Feasibility in Diuron-Contaminated Soils.

Resveratrol protected acrolein-induced ferroptosis and insulin secretion dysfunction via ER-stress-related PERK pathway in MIN6 cells.

Minimized Atrazine Risks to Crop Security and Its Residue in the Environment by a Rice Methyltransferase as a Regulation Factor.

Oxidative Stress and Metabolism: A Mechanistic Insight for Glyphosate Toxicology.

Searching for biomarkers of early detection of 2,4-D effects in a native tree species from the Brazilian Cerrado biome.

Induced Hepatic Glutathione and Metabolomic Alterations Following Mixed Pesticide and Fertilizer Exposures in Juvenile Leopard Frogs (*Lithobates sphenoccephala*).

Hydrogen sulfide as a potent scavenger of toxicant acrolein.

Resistance to mesosulfuron-methyl in *Beckmannia syzigachne* may involve ROS burst and non-target-site resistance mechanisms.

Physiological and transcriptomic analyses reveal the threat of herbicides glufosinate and glyphosate to the scleractinian coral *Pocillopora damicornis*.

In vitro cytotoxicity and genotoxicity of single and combined pesticides used by Bolivian farmers.

Disruption of developmental programming with long-term consequences after exposure to a glyphosate-based herbicide in a rat model.

Perinatal exposure to the thyroperoxidase inhibitors methimazole and amitrole perturbs thyroid hormone system signaling and alters motor activity in rat offspring.

ABC transporter slr0982 affects response of *Synechocystis* sp. PCC 6803 to oxidative stress caused by methyl viologen.

Mabea fistulifera and Zeyheria tuberculosa can be indicated for phytoremediation programs of soils contaminated with hormonal herbicides.

Atrazine uptake, translocation, bioaccumulation and biodegradation in cattail (*Typha latifolia*) as a function of exposure time.

The effects of syringic acid on the properties of MCPA-contaminated soil and the growth of two cucurbit species.

Characterization and Quantification of Acrolein-Induced Modifications in Hemoglobin by Mass Spectrometry—Effect of Cigarette Smoking.

Plant regeneration from leaf mesophyll derived protoplasts of cassava (*Manihot esculenta* Crantz).

Inorganic arsenic induces MDM2, p53, and their phosphorylation and affects the MDM2/p53 complex in vitro.

[Glyphosate detection in the duodenal fluid of horses with gastric ulcer syndrome].

Network pharmacology and molecular docking-based prediction of active compounds and mechanisms of action of *Cnidii Fructus* in treating atopic dermatitis.

Metolachlor Poisoning with Lactic Acidosis Improved by Thiamine Administration: A Case Report.

Comparative Assessment of the Inhibitory Potential of the Herbicide Glyphosate and Its Structural Analogs on RGD-Specific Integrins Using Enzyme-Linked Immunosorbent Assays.

DNA Damage and Oxidative Stress of Tobacco Smoke Condensate in Human Bladder Epithelial Cells.

The Therapeutic Roles of Cinnamaldehyde against Cardiovascular Diseases.

Acrolein plays a culprit role in the pathogenesis of diabetic nephropathy in vitro and in vivo.

Novel anti-arthritic mechanisms of trans-cinnamaldehyde against complete Freund's adjuvant-induced arthritis in mice: involvement of NF- κ B/TNF- α and IL-6/IL-23/IL-17 pathways in the immunoinflammatory responses.

A Composition of Phytonutrients for Glycemic and Weight Management.

pH-responsive cinnamaldehyde-TiO₂ nanotube coating: fabrication and functions in a simulated diabetes condition.

Effects of replacing fish meal with cottonseed protein concentrate on the growth, immune responses, digestive ability and intestinal microbial flora in *Litopenaeus vannamei*.

Antagonism of Cyanamide-3-O-glucoside and protocatechuic acid on Aflatoxin B₁-induced toxicity in zebrafish larva (*Danio rerio*).

The methyltransferase METTL3-mediated fatty acid metabolism revealed the mechanism of cinnamaldehyde on alleviating steatosis.

Pentachlorophenol exposure in early pregnancy and gestational diabetes mellitus: A nested case-control study.

Protective Effects of Cinnamaldehyde on the Oxidative Stress, Inflammatory Response, and Apoptosis in the Hepatocytes of Salmonella Gallinarum-Challenged Young Chicks.

Effects of cinnamaldehyde on glucose-6-phosphate dehydrogenase activity, some biochemical and hematological parameters in diabetic rats.

Homicidal paraquat poisoning: Poisoned while drinking.

Cinnamaldehyde treatment during adolescence improves white and brown adipose tissue metabolism in a male rat model of early obesity.

Acrolein inhalation acutely affects the regulation of mitochondrial metabolism in rat lung.

MyD88 deficiency ameliorates weight loss caused by intestinal oxidative injury in an autophagy-dependent mechanism.

The phytonutrient cinnamaldehyde limits intestinal inflammation and enteric parasite infection.

Combination of TRP channel dietary agonists induces energy expending and glucose utilizing phenotype in HFD-fed mice.

Urinary acrolein metabolites, systemic inflammation, and blood lipids: Results from the National Health and Nutrition Examination Survey.

Eliminating the ecological hazards of Heterosigma akashiwo bloom by a microbial algicide: removal of nitrite contamination, redirection of carbon flow and restoration of metabolic generalists.

Metabolomic Analysis of Microcystis aeruginosa After Exposure to the Algicide L-Lysine.

[Determination of 107 typical pesticides and metabolites in raw water and drinking water by online-solid phase extraction coupled with ultra performance liquid chromatography-triple quadrupole mass spectrometry].

Pesticide exposure and cortical brain activation among farmworkers in Costa Rica.

Occurrence of emerging organic contaminants and endocrine disruptors in different water compartments in Mexico - A review.

Target gene mutation and enhanced metabolism confer fomesafen resistance in an Amaranthus retroflexus L. population from China.

Tribenuron-methyl metabolism and the rare Pro197Phe double mutation together with 2,4-D metabolism and reduced absorption can evolve in Papaver rhoeas with multiple and cross herbicide resistance to ALS inhibitors and auxin mimics.

Glyphosate and its breakdown product AMPA elicit cytoprotective responses in haemocytes of the Mediterranean mussel (Mytilus galloprovincialis).

Direct toxicity of the herbicide florasulam against Chlorella vulgaris: An integrated physiological and metabolomic analysis.

Dinitroaniline herbicides: a comprehensive review of toxicity and side effects on animal non-target organisms.

The strategy of arsenic metabolism in an arsenic-resistant bacterium *Stenotrophomonas maltophilia* SC5000 isolated from fish gut.

Contribution of gut bacteria to arsenic metabolism in the first year of life in a prospective birth cohort.

Using Computational Drug-Gene Analysis to Identify Novel Therapeutic Candidates for Retinal Neuroprotection.

Effects of nicosulfuron on plant growth and sugar metabolism in sweet maize (*Zea mays* L.).

Simultaneous determination of glyphosate, glufosinate ammonium and their metabolites in maize and soybean by ultra-performance liquid chromatography with tandem mass spectrometry.

Cytochrome P450 BcCYP99A44 and BcCYP704A177 Confer Metabolic Resistance to ALS Herbicides in *Beckmannia syzigachne*.

Bensulfuron-Methyl, Terbutylazine, and 2,4-D Butylate Disturb Plant Growth and Resistance by Deteriorating Rhizosphere Environment and Plant Secondary Metabolism in Wheat Seedlings.

The Metabolite Content of the Post-Culture Medium of the Tree Fern *Cyathea delgadii* Sternb. Cell Suspension Cultured in the Presence of 2,4-D and BAP.

Peripheral tissular analysis of rapamycin's effect as a neuroprotective agent in vivo.

Aryl hydrocarbon receptor agonist diuron and its metabolites cause reproductive disorders in male marine medaka (*Oryzias melastigma*).

The shikimate pathway regulates programmed cell death.

Interspecies Metabolic Interactions in a Synergistic Consortium Drive Efficient Degradation of the Herbicide Bromoxynil Octanoate.

[Effects of arsenic and its main metabolites on A549 cell apoptosis and the expression of pro-apoptotic genes Bad and Bik].

Investigating the Metabolic Resistance to Mesosulfuron-Methyl in *Aegilops tauschii* Coss. By Transcriptome Sequencing Combined with the Reference Genome.

Higher proportion of agricultural land use around the residence is associated with higher urinary concentrations of AMPA, a glyphosate metabolite.

ROS-derived lipid peroxidation is prevented in barley leaves during senescence.

Detection of Atrazine and Its Metabolites in Natural Water Samples Using Photonic Molecularly Imprinted Sensors.

Responses of soil fertility and microbiomes of atrazine contaminated soil to remediation by hydrochar and persulfate.

Association of urinary metabolites of non-persistent pesticides with serum sex hormones among the US females: NHANES 2013-2014.

Occurrence of Banned and Currently Used Herbicides, in Groundwater of Northern Greece: A Human Health Risk Assessment Approach.

Determination of Glyphosate and AMPA in Blood Can Predict the Severity of Acute Glyphosate Herbicide Poisoning.

Bioremediation of quinclorac injury on tobacco by a rhizosphere bacterium.

Enhanced production of water-soluble cinmethylin metabolites by *Lolium rigidum* populations with reduced cinmethylin sensitivity.

Acid-Responsive Micelles Releasing Cinnamaldehyde Enhance RSL3-Induced Ferroptosis in Tumor Cells.

P450s mediated enhanced herbicide metabolism involved in the thifensulfuron-methyl resistance in *Ipomoea purpurea* L.

In vitro toxicity of glyphosate in Atlantic salmon evaluated with a 3D hepatocyte-kidney co-culture model.

Cinnamaldehyde Regulates the Generation of $\hat{\text{I}}^3$ -aminobutyric Acid to Exert Sedation via Irreversible Inhibition of ENO1 in the Cerebellar Granular Layer.

The Metabolism of a Novel Cytochrome P450 (CYP77B34) in Tribenuron-Methyl-Resistant *Descurainia sophia* L. to Herbicides with Different Mode of Actions.

Enantioselective Response of Wheat Seedlings to Imazethapyr: From the Perspective of Fe and the Secondary Metabolite DIMBOA.

Design and synthesis of amphiphilic carboxyl-functionalized magnetic polymer microspheres for fast determination of paraquat and its four metabolites in human urine samples prior to ultra-high performance liquid chromatography-high resolution mass spectrometry.

Impacts of dietary exposure to pesticides on faecal microbiome metabolism in adult twins.

The chlorophenoxy herbicide MCPA: a mechanistic basis for the observed differences in toxicological profile in humans and rats versus dogs.

Firefighters' urinary concentrations of VOC metabolites after controlled-residential and training fire responses.

Primary metabolism in an *Amaranthus palmeri* population with multiple resistance to glyphosate and pyrithiobac herbicides.

The role of endogenous versus exogenous sources in the exposome of putative genotoxins and consequences for risk assessment.

Metabolic Investigation on the Interaction Mechanism between Dietary Dihydrochalcone Intake and Lipid Peroxidation Product Acrolein Reduction.

Alterations at biochemical, proteomic and transcriptomic levels in liver of tilapia (*Oreochromis niloticus*) under chronic exposure to environmentally relevant level of glyphosate.

A cell-based electrochemical sensor for assessing immunomodulatory effects by atrazine and its metabolites.

Environmental fate studies with (14)C-polyoxyethylene tallow amine (POE-T) to characterize environmental exposure and inform environmental risk assessments.

Prenatal arsenic exposure, arsenic methylation efficiency, and neuropsychological development among preschool children in a Spanish birth cohort.

Expression of CYP76C6 Facilitates Isoproturon Metabolism and Detoxification in Rice.

Association of Glyphosate Exposure with Blood DNA Methylation in a Cross-Sectional Study of Postmenopausal Women.

Metabolic stability of glyphosate and its environmental metabolite (aminomethylphosphonic acid) in the ruminal content of cattle.

Herbicidal activity and differential metabolism of lactofen in rat and loach on an enantiomeric level.

Tribenuron-methyl-resistant *Descurainia sophia* L. exhibits negative cross-resistance to imazethapyr conferred by a Pro197Ser mutation in acetolactate synthase and reduced metabolism.

Metabolomics insight into the influence of environmental factors in responses of freshwater biofilms to the model herbicide diuron.

The association between urinary glyphosate and aminomethyl phosphonic acid with biomarkers of oxidative stress among pregnant women in the PROTECT birth cohort study.

[Rapid and simultaneous determination of glyphosate, glufosinate, and their metabolites in soil by high performance liquid chromatography-tandem mass spectrometry].

Parental diuron exposure causes lower hatchability and abnormal ovarian development in offspring of medaka (*Oryzias melastigma*).

Capillary electrophoresis applied for the determination of acidity constants and limiting electrophoretic mobilities of ionizable herbicides including glyphosate and its metabolites and for their simultaneous separation.

TRPA1 Channel Activation With Cinnamaldehyde Induces Cutaneous Vasodilation Through NOS, but Not COX and KCa Channel, Mechanisms in Humans.

Glyphosate and glufosinate-ammonium in aquaculture ponds and aquatic products: Occurrence and health risk assessment.

Identification of essential genes involved in metabolism-based resistance mechanism to fenoxaprop-P-ethyl in *Polypogon fugax*.

In situ application of the diffusive gradients in thin film technique in aquaculture ponds for monitoring antibiotics, hormones, and herbicides.

Analytical method for sequential determination of persistent herbicides and their metabolites in fish tissues by UPLC-MS/MS.

Contaminants of emerging concern (CECs) in *Zea mays*: Uptake, translocation and distribution tissue patterns over the time and its relation with physicochemical properties and plant transpiration rate.

Phytochemicals mitigation of *Brassica napus* by IAA grown under Cd and Pb toxicity and its impact on growth responses of *Anagallis arvensis*.

Occurrence and spatial-temporal distribution of atrazine and its metabolites in the aquatic environment of the Volturno River estuary, southern Italy.

A structure-guided computational screening approach for predicting plant enzyme-metabolite interactions.

Transcriptomic signaling in zebrafish (*Danio rerio*) embryos exposed to environmental concentrations of glyphosate.

Comprehending the Role of Endocrine Disruptors in Inducing Epigenetic Toxicity.

Absorption, translocation, and metabolism of floupyrauxifen-benzyl and cyhalofop-butyl in cyhalofop-butyl-resistant barnyardgrass [*Echinochloa crus-galli* (L.) P. Beauv.].

Protective effect of the *Spirulina platensis* against toxicity induced by Diuron exposure in *Mytilus galloprovincialis*.

Weed control by metabolites produced from *Diaporthe schini*.

Probiotic Bifidobacteria Mitigate the Deleterious Effects of para-Cresol in a *Drosophila melanogaster* Toxicity Model.

Pro-Inflammatory Interactions of Dolutegravir with Human Neutrophils in an In Vitro Study.

[Expression and Regulatory Mechanism of Autophagy-related Genes in Synovial Tissues of Patients with Rheumatoid Arthritis].

Promising hepatoprotective effects of lycopene in different liver diseases.

Hibiscus sabdariffa L. polyphenolic-rich extract promotes muscle glucose uptake and inhibits intestinal glucose absorption with concomitant amelioration of Fe(2+) -induced hepatic oxidative injury.

Evaluation of the mode of action and human relevance of liver tumors in male mice treated with epyrifenacil.

Efficacy and Mechanism of Buxue Yimu Pills on Gynecological Anemia: A Combination of Clinical and Network Pharmacology Study.

The Clostridium Metabolite P-Cresol Sulfate Relieves Inflammation of Primary Biliary Cholangitis by Regulating Kupffer Cells.

Lactobacillus reuteri tryptophan metabolism promotes host susceptibility to CNS autoimmunity.

A cell-based evaluation of human tyrosinase-mediated metabolic activation of leukoderma-inducing phenolic compounds.

Association of ambient fine particulate matter exposure with gestational diabetes mellitus and blood glucose levels during pregnancy.

Pharmacological testing of therapeutics using normothermic machine perfusion: A pilot study of 2,4-dinitrophenol delivery to steatotic human livers.

Development and Validation of a UHPLC-MS/MS-Based Method to Quantify Cenobamate in Human Plasma Samples.

2,4-Dinitrophenol as an Uncoupler Augments the Anthracyclines Toxicity against Prostate Cancer Cells.

The synergy of β amyloid 1-42 and oxidative stress in the development of Alzheimer's disease-like neurodegeneration of hippocampal cells.

Treatment with Amniotic Fluid Stem Cell Extracellular Vesicles Promotes Fetal Lung Branching and Cell Differentiation at Canalicular and Saccular Stages in Experimental Pulmonary Hypoplasia Secondary to Congenital Diaphragmatic Hernia.

The AHR target gene scinderin activates the WNT pathway by facilitating the nuclear translocation of β -catenin.

Analysis of environmental chemical mixtures and nonalcoholic fatty liver disease: NHANES 1999-2014.

N-myc downstream regulated gene 1 (ndrg1) functions as a molecular switch for cellular adaptation to hypoxia.

A Combination Therapy Using Electrical Stimulation and Adaptive, Conductive Hydrogels Loaded with Self-Assembled Nanogels Incorporating Short Interfering RNA Promotes the Repair of Diabetic Chronic Wounds.

Comparative plasma metabolomic analysis to identify biomarkers for lead-induced cognitive impairment.

LC-MS metabolomics of urine reveals distinct profiles for non-muscle-invasive and muscle-invasive bladder cancer.

Polyhalogenated carbazoles (PHCZs) induce cardiotoxicity and behavioral changes in zebrafish at early developmental stages.

Histopathological and immunohistochemical evaluation for detecting changes in blood hormone levels caused by endocrine disruptors in a 28-day repeated-dose study in rats.

Urinary organic acids spectra in children with altered gut microbiota composition and autistic spectrum disorder.

Trace Element Interactions, Inflammatory Signaling, and Male Sex Implicated in Reduced Growth Following Excess Oral Iron Supplementation in Pre-Weanling Rats.

The Autism Spectrum Disorder-Associated Bacterial Metabolite p-Cresol Derails the Neuroimmune Response of Microglial Cells Partially via Reduction of ADAM17 and ADAM10.

Synbiotics, prebiotics and probiotics for solid organ transplant recipients.

Mass Spectrometric Quantitation of N'-Nitrosornicotine-1N-oxide in the Urine of Cigarette Smokers and Smokeless Tobacco Users.

Metabolomics for exposure assessment and toxicity effects of occupational pollutants: current status and future perspectives.

Dioxin-elicited decrease in cobalamin redirects propionyl-CoA metabolism to the β^2 -oxidation-like pathway resulting in acrylyl-CoA conjugate buildup.

Sub-lethal concentration of metamifop exposure impair gut health of zebrafish (*Danio rerio*).

Transcriptome sequencing of 3,3',4,4',5-Pentachlorobiphenyl (PCB126)-treated human preadipocytes demonstrates progressive changes in pathways associated with inflammation and diabetes.

The Accumulation of Gut Microbiome-derived Indoxyl Sulfate and P-Cresyl Sulfate in Patients With End-stage Renal Disease.

Ameliorative role of inducible nitric oxide synthase inhibitors against sodium arsenite-induced renal and hepatic dysfunction in rats.

Selective removal of radioactive iodine from water using reusable Fe@Pt adsorbents.

Autophagy Is Impaired in Fetal Hypoplastic Lungs and Rescued by Administration of Amniotic Fluid Stem Cell Extracellular Vesicles.

HDL functionality in type 1 diabetes: enhancement of cholesterol efflux capacity in relationship with decreased HDL carbamylation after improvement of glycemic control.

Hot Air Treatment Elicits Disease Resistance against *Colletotrichum gloeosporioides* and Improves the Quality of Papaya by Metabolomic Profiling.

Removal of Uremic Solutes from Dialysate by Activated Carbon.

Effects of perinatal TCDD exposure on colonic microbiota and metabolism in offspring and mother mice.

Suppressed farnesoid X receptor by iron overload in mice and humans potentiates iron-induced hepatotoxicity.

The Association between Blood Concentrations of PCDD/DFs, DL-PCBs and the Risk of Type 2 Diabetes Mellitus and Thyroid Cancer in South Korea.

Prenatal treprostinil reduces the pulmonary hypertension phenotype in the rat model of congenital diaphragmatic hernia.

Pharmacological Management of Obesity: A Century of Expert Opinions in Cecil Textbook of Medicine.

Flurochloridone induces responses of free radical reactions and energy metabolism disorders to BRL-3A cell.

Radiosynthesis and characterization of a carbon-11 PET tracer for receptor-interacting protein kinase 1.

Boron compound administration; A novel agent in weight management: A systematic review and meta-analysis of animal studies.

Prevalence of type 2 diabetes mellitus in relation to arsenic exposure and metabolism in Mexican women.

AhR Activation Leads to Attenuation of Murine Autoimmune Hepatitis: Single-Cell RNA-Seq Analysis Reveals Unique Immune Cell Phenotypes and Gene Expression Changes in the Liver.

Thermogenic T cells: a cell therapy for obesity?

Physiologically-based pharmacokinetic model for 2,4-dinitrophenol.

Mild Mitochondrial Uncoupling Decreases Experimental Atherosclerosis, A Proof of Concept.

Sodium arsenite does not affect prostate carcinogenesis in a chemically-hormonally-induced rat model.

Supercomplex supercomplexes: Raison d'etre and functional significance of supramolecular organization in oxidative phosphorylation.

Feeding cats with chronic kidney disease food supplemented with betaine and prebiotics increases total body mass and reduces uremic toxins.

N6-Acetyl-L-Lysine and p-Cresol as Key Metabolites in the Pathogenesis of COVID-19 in Obese Patients.

Gut-derived bacterial toxins impair memory CD4+ T cell mitochondrial function in HIV-1 infection.

[Mechanism and material basis of Sparganii Rhizoma and vinegar-processed Sparganii Rhizoma in treatment of hyperlipidemia based on network pharmacology].

The metabolite p-cresol impairs dendritic development, synaptogenesis, and synapse function in hippocampal neurons: Implications for autism spectrum disorder.

Redox-dependent loss of flavin by mitochondria complex I is different in brain and heart.

Flumioxazin, a PPO inhibitor: A weight-of-evidence consideration of its mode of action as a developmental toxicant in the rat and its relevance to humans.

Clostridioides difficile Infection Dysregulates Brain Dopamine Metabolism.

OXPPOS deficiencies affect peroxisome proliferation by downregulating genes controlled by the SNF1 signaling pathway.

Bacterial neurotoxic metabolites in multiple sclerosis cerebrospinal fluid and plasma.

Curcumin Facilitates Aryl Hydrocarbon Receptor Activation to Ameliorate Inflammatory Astroglia.

Rosmarinus officinalis L. Leaf Extracts and Their Metabolites Inhibit the Aryl Hydrocarbon Receptor (AhR) Activation In Vitro and in Human Keratinocytes: Potential Impact on Inflammatory Skin Diseases and Skin Cancer.

Toxic Effects of Endocrine Disruptor Exposure on Collagen-Induced Arthritis.

Molecular characterization of the aryl hydrocarbon receptor 2 gene in black rockfish, *Sebastes schlegelii*, and its expression patterns upon exposure to benzo[a]pyrene, 2,3,7,8-tetrachlorodibenzo-p-dioxin, and β -naphthoflavone.

A Novel Ferritin-Core Analog Is a Safe and Effective Alternative to Oral Ferrous Iron for Treating Iron Deficiency during Pregnancy in Mice.

Toenail speciation biomarkers in arsenic-related disease: a feasibility study for investigating the association between arsenic exposure and chronic disease.

Oxidative stress-induced alterations in retinal glucose metabolism in Retinitis Pigmentosa.

Tryptophan Metabolites Regulate Neuropentraxin 1 Expression in Endothelial Cells.

Metabolic trade-offs favor regulated hypothermia and inhibit fever in immune-challenged chicks.

Natural Dietary Compound Xanthohumol Regulates the Gut Microbiota and Its Metabolic Profile in a Mouse Model of Alzheimer's Disease.

Integrated molecular biology and metabolomics approach to understand the mechanism underlying reduction of insulin resistance by corn silk decoction.

Ubiquitinated gasdermin D mediates arsenic-induced pyroptosis and hepatic insulin resistance in rat liver.

PCB126 induced toxic actions on liver energy metabolism is mediated by AhR in rats.

Comparative Effects between Oral Lactoferrin and Ferrous Sulfate Supplementation on Iron-Deficiency Anemia: A Comprehensive Review and Meta-Analysis of Clinical Trials.

A randomized double-blind cross-over trial to study the effects of resistant starch prebiotic in chronic kidney disease (ReSPECKD).

Measurement of Urinary Triclocarban and 2,4-Dichlorophenol Concentration and Their Relationship with Obesity and Predictors of Cardiovascular Diseases among Children and Adolescents in Kerman, Iran.

An evidence-based definition of anemia for singleton, uncomplicated pregnancies.

Oxidative Stress and Toxicity in Reproductive Biology and Medicine: A Comprehensive Update on Male Infertility Volume II - Conclusion.

Pretreatment optimization of tissue metabolomics in colorectal cancer.

Gut Microbiome-Dependent Metabolic Pathways and Risk of Lethal Prostate Cancer: Prospective Analysis of a PLCO Cancer Screening Trial Cohort.

Biotic Supplements in Patients With Chronic Kidney Disease: Meta-Analysis of Randomized Controlled Trials.

Associations between persistent organic pollutants and endometriosis: A multiblock approach integrating metabolic and cytokine profiling.

Metabolome-wide association study of serum exogenous chemical residues in a cohort with 5 major chronic diseases.

Household kindling behaviours and potential health risks of dioxins exposure in rural Northern China.

Sodium arsenite-mediated upregulation of circDHX34 promotes apoptosis in hormone-independent breast cancer cells by regulating apoptotic genes.

Acrolein-inducing ferroptosis contributes to impaired peripheral neurogenesis in zebrafish.

Role of oxidative stress in the physiology of sensitive and resistant *Amaranthus palmeri* populations treated with herbicides inhibiting acetolactate synthase.

Establishment of a Method for the Detection of Indaziflam, Spirotetramat, Cyantraniliprole, and Their Metabolites and Application for Fruit and Vegetable Risk Assessment.

Impact of Pasture-Based Diets on the Untargeted Metabolomics Profile of Sarda Sheep Milk.

Roundup in the Reproduction of Crucian Carp (*Carassius carassius*): An In Vitro Effect on the Pituitary Gland and Ovary.

[Advances in the biosynthesis of L-homoserine and its derivatives by metabolic engineering of *Escherichia coli*].

Effects of Pesticide Intake on Gut Microbiota and Metabolites in Healthy Adults.

Integrated transcriptomic and metabolomic analyses of the molecular mechanisms of two highland barley genotypes with pyroxsulam responses.

Mitochondrial uncoupler DNP induces coexistence of dual-state hyper-energy metabolism leading to tumor growth advantage in human glioma xenografts.

Treatment with MDL 72527 Ameliorated Clinical Symptoms, Retinal Ganglion Cell Loss, Optic Nerve Inflammation, and Improved Visual Acuity in an Experimental Model of Multiple Sclerosis.

Superior dimethyl disulfide degradation in a microbial fuel cell: Extracellular electron transfer and hybrid metabolism pathways.

DNP and ATP modulate the developments of pulp softening and breakdown in *Phomopsis longanae* Chi-infected fresh longan through regulating the cell wall polysaccharides metabolism.

Comprehensive analysis of the carboxylesterase gene reveals that NtCXE22 regulates axillary bud growth through strigolactone metabolism in tobacco.

Characterization of multiple pesticide exposure in pregnant women in Brittany, France.

Early life organophosphate ester exposures and bone health at age 12 years: The Health Outcomes and Measures of the Environment (HOME) Study.

Insights into metabolic and pharmacological profiling of *Aspergillus ficuum* through bioinformatics and experimental techniques.

Ethnicity Associated Microbial and Metabonomic Profiling in Newly Diagnosed Ulcerative Colitis.

Involvement of miRNAs in Metabolic Herbicide Resistance to Bispyribac-Sodium in *Echinochloa crus-galli* (L.) P. Beauv.

Environmentally relevant atrazine exposure leads to increases in DNA damage and changes in morphology in the hepatopancreas of crayfish (*Faxonius virilis*).

Investigation of diverse biosynthetic secondary metabolites gene clusters using genome mining of indigenous *Streptomyces* strains isolated from saline soils in Iran.

Can probiotic, prebiotic, and synbiotic supplementation modulate the gut-liver axis in type 2 diabetes? A narrative and systematic review of clinical trials.

A pilot study of oral iron therapy in erythropoietic protoporphyria and X-linked protoporphyria.

Urinary volatile organic compound metabolites and reduced lung function in U.S. adults.

DEAD box RNA helicases protect Antarctic *Pseudomonas syringae* Lz4W against oxidative stress.

Effect of syringic acid on steroid and gonadotropic hormones, hematological indices, sperm characteristics and morphologies, and markers of tissue damage in methyl cellosolve-administered rats.

Degradation of seven pesticides and two metabolites before and during aquifer storage transfer and recovery operation.

Toxic effects of pesticides on cellular and humoral immunity: an overview.

DAF-16 is involved in colonic metabolites of ferulic acid-promoted longevity and stress resistance of *Caenorhabditis elegans*.

Diverse mechanisms associated with cyhalofop-butyl resistance in Chinese sprangletop (*Leptochloa chinensis* (L.) Nees): Characterization of target-site mutations and metabolic resistance-related genes in two resistant populations.

Application of comparative genomics of *Acetobacter* species facilitates genome-scale metabolic reconstruction of the *Acetobacter ghanensis* LMG 23848(T) and *Acetobacter senegalensis* 108B cocoa strains.

Assessment of Cosmetic and Dermatological Properties and Safety of Use of Model Skin Tonics with Kombucha-Fermented Red Berry Extracts.

Toxicity alleviation and metabolism enhancement of nonylphenol in green algae *Dictyosphaerium* sp. by NaHCO₃.

Adjuvants in fungicide formulations can be skin sensitizers and cause different types of cell stress responses.

Low Temperature Inhibits the Defoliation Efficiency of Thidiazuron in Cotton by Regulating Plant Hormone Synthesis and the Signaling Pathway.

Chlorinated Polycyclic Aromatic Hydrocarbons Induce Immunosuppression in THP-1 Macrophages Characterized by Disrupted Amino Acid Metabolism.

The modulation of gut microbiota by herbal medicine to alleviate diabetic kidney disease - A review.

An Asp376Glu substitution in ALS gene and enhanced metabolism confers high tribenuron-methyl resistance in *Sinapis alba*.

Metabolic Regulation Effect and Potential Metabolic Biomarkers of Pre-Treated Delphinidin on Oxidative Damage Induced by Paraquat in A549 Cells.

Characterization of Urinary Pesticide Metabolite Concentrations of Pregnant Women in Suriname.

Reliable determination of the main metabolites of 2-phenoxyethanol in human blood and urine using LC-MS/MS analysis.

Structures and Biological Activities of Secondary Metabolites from *Trichoderma harzianum*.

Comparative Biochemical Profiling of Aluminum Chloride and Sodium Azide Induced Neuroinflammation and Cardiometabolic Disturbance.

Proteomic and Metabolomic Evaluation of Insect- and Herbicide-Resistant Maize Seeds.

Endocrine disruptor chemicals as obesogen and diabetogen: Clinical and mechanistic evidence.

The dichloroacetamide safener benoxacor is enantioselectively metabolized by monkey liver microsomes and cytosol.

Sodium arsenite but not aluminum chloride stimulates ABC transporter activity in renal proximal tubules of killifish (*Fundulus heteroclitus*).

Environmental behaviour of a pesticide metabolite, the AMPA. Sequestration of Ca^{2+} , Mg^{2+} , Cu^{2+} , Zn^{2+} and Al^{3+} .

Dynamics of microbial populations and metabolites of fermenting saps throughout tapping process of ron and oil palm trees in Cote d'Ivoire.

Drug transporters OAT1 and OAT3 have specific effects on multiple organs and gut microbiome as revealed by contextualized metabolic network reconstructions.

Accumulation, metabolites formation and elimination behavior of rac-glufosinate-ammonium and glufosinate-P in zebrafish (*Danio rerio*).

The formation mechanisms of key flavor substances in stinky tofu brine based on metabolism of aromatic amino acids.

Ethyl Methane Sulfonate and Sodium Azide-Mediated Chemical and X-ray-Mediated Physical Mutagenesis Positively Regulate Peroxidase 1 Gene Activity and Biosynthesis of Antineoplastic Vinblastine in *Catharanthus roseus*.

Low-Dose Dioxin Reduced Glucose Uptake in C2C12 Myocytes: The Role of Mitochondrial Oxidative Stress and Insulin-Dependent Calcium Mobilization.

Dynamics of Microbial Communities, Flavor, and Physicochemical Properties during *Ziziphus jujube* Vinegar Fermentation: Correlation between Microorganisms and Metabolites.

Sugar and acid profile of loquat (*Eriobotrya japonica* Lindl.), enzymes assay and expression profiling of their metabolism-related genes as influenced by exogenously applied boron.

Trans enantiomeric separation of MESA and MOXA, two environmentally important metabolites of the herbicide, metolachlor.

Photo-oxidation and Photoreduction of Catechols by Chlorophyll Metabolites and Methylene Blue.

Metabolite Profiling of Paraquat Tolerant *Arabidopsis thaliana* Radical-induced Cell Death1 (*rcd1*)-A Mediator of Antioxidant Defence Mechanisms.

Assessing the colonization by *Daphnia magna* of pesticide-disturbed habitats (chlorpyrifos, terbuthylazine and their mixtures) and the behavioral and neurotoxic effects.

The Role of Acrolein in Neurodegenerative Diseases and Its Protective Strategy.

Oxaloacetate acid ameliorates paraquat-induced acute lung injury by alleviating oxidative stress and mitochondrial dysfunction.

Metabolic reprogramming enables the auxiliary diagnosis of breast cancer by automated breast volume scanner.

The dynamics of microbial community and flavor metabolites during the acetic acid fermentation of Hongqu aromatic vinegar.

Idiopathic unilateral third nerve palsy with pupillary sparing in 10-year-old child -a case report.

High-throughput identification of oxidative stress-inducing environmental chemicals in the *C. elegans* system.

Trade-off for survival: Microbiome response to chemical exposure combines activation of intrinsic resistances and adapted metabolic activity.

Exploring the dynamic of microbial community and metabolic function in food waste composting amended with traditional Chinese medicine residues.

Isoforms of the transcriptional cofactor SIN3 differentially regulate genes necessary for energy metabolism and cell survival.

The involvement of branched-chain amino acids (BCAAs) in aromatic trihalogenated DBP exposure-induced kidney damage in mice.

Approaches for the establishment of optimized co-culture system of multiple *Trichoderma* strains for culture metabolites highly effective in cucumber growth promotion.

Altered gut microbiota and gut-derived p-cresyl sulfate serum levels in peritoneal dialysis patients.

Interference of Dihydrocoumarin with Hormone Transduction and Phenylpropanoid Biosynthesis Inhibits Barnyardgrass (*Echinochloa crus-galli*) Root Growth.

First report on atrazine monitoring in drinking water from Ijebu-North, South-West Nigeria: Human health risk evaluation and reproductive toxicity studies.

Regulation of gut microbiota of *Astragali Radix* in treating for chronic atrophic gastritis rats based on metabolomics coupled with 16S rRNA gene sequencing.

An online atlas of human plasma metabolite signatures of gut microbiome composition.

Assessment of Semen Respiratory Activity of Domesticated Species before and after Cryopreservation: Boars, Bulls, Stallions, Reindeers and Roosters.

[Determination of chlorobenzene metabolite-p-chlorophenol in urine by solid phase extraction-gas chromatography].

Differential Effects of Arsenic in Drinking Water on Mouse Hepatic and Intestinal Heme Oxygenase-1 Expression.

Efficacy of kangfuxin liquid on radiotherapy-induced oral mucositis for patients with head and neck squamous cell carcinoma and its effect on salivary glands and immune function.

Occurrence and distribution of persistent organic pollutants in the liver and muscle of Atlantic blue sharks: Relevance and health risks.

Cobinamide is a strong and versatile antioxidant that overcomes oxidative stress in cells, flies, and diabetic mice.

Abscisic Acid Improves Rice Thermo-Tolerance by Affecting Trehalose Metabolism.

Periplaneta americana Extract Pretreatment Alleviates Oxidative Stress and Inflammation and Increases the Abundance of Gut *Akkermansia muciniphila* in Diquat-Induced Mice.

Ioxynil and diethylstilbestrol increase the risks of cardiovascular and thyroid dysfunction in zebrafish.

Protection against Paraquat-Induced Oxidative Stress by *Curcuma longa* Extract-Loaded Polymeric Nanoparticles in Zebrafish Embryos.

Influence of Plant Growth Regulators on Glandular Trichome Density and Steviol Glycosides Accumulation in *Stevia rebaudiana*.

Plant hormone signals regulate trehalose accumulation against osmotic stress in watermelon cells.

Life Cycle Exposure to Cyhalofop-Butyl Induced Reproductive Toxicity in Zebrafish.

Sludge reduction and microbial community evolution of activated sludge induced by metabolic uncoupler o-chlorophenol in long-term anaerobic-oxic process.

Adult health and transition stage-specific rotenone-mediated *Drosophila* model of Parkinson's disease: Impact on late-onset neurodegenerative disease models.

The effects of secondary bacterial metabolites on photosynthesis in microalgae cells.

Microbiome profiling of nasal extracellular vesicles in patients with allergic rhinitis.

Mild pentachlorophenol-mediated uncoupling of mitochondria depletes ATP but does not cause an oxidized redox state or dopaminergic neurodegeneration in *Caenorhabditis elegans*.

Agent Orange Exposure, Transformation From MGUS to Multiple Myeloma, and Outcomes in Veterans.

Oral administration of pentachlorophenol impairs antioxidant system, inhibits enzymes of brush border membrane, causes DNA damage and histological changes in rat intestine.

E-cigarette aerosol exacerbates cardiovascular oxidative stress in mice with an inactive aldehyde dehydrogenase 2 enzyme.

Interindividual variation contributes to differential PCB 126 induced gene expression in primary breast epithelial cells and tissues.

Metabolic Engineering of Rice Cells with Vanillin Synthase Gene (VpVAN) to Produce Vanillin.

Boron Compounds Exhibit Protective Effects against Aluminum-Induced Neurotoxicity and Genotoxicity: In Vitro and In Vivo Study.

Artemisia argyi allelopathy: a generalist compromises hormone balance, element absorption, and photosynthesis of receptor plants.

Atrazine Exposure Induces Hepatic Metabolism Disorder in Male Adult Zebrafish.

Diverse Effects of Amino Acids on Monascus Pigments Biosynthesis in *Monascus purpureus*.

Metabolites From Trypanosome-Infected Cattle as Sensitive Biomarkers for Animal Trypanosomiasis.

Dietary *Bacillus licheniformis* improves the effect of *Astragalus membranaceus* extract on blood glucose by regulating antioxidation activity and intestinal microbiota in InR[E19]/TM2 *Drosophila melanogaster*.

In Vitro Assessment of Pesticides Toxicity and Data Correlation with Pesticides Physicochemical Properties for Prediction of Toxicity in Gastrointestinal and Skin Contact Exposure.

Integrated Multilayer Omics Reveals the Genomic, Proteomic, and Metabolic Influences of Histidyl Dipeptides on the Heart.

Aryl Hydrocarbon Receptor (AhR)-Mediated Signaling in iPSC-Derived Human Motor Neurons.

Cytomegalovirus-related Cystitis in a Patient with Membranous Glomerulonephritis Receiving Cyclophosphamide: A Case Study.

Improving knowledge on genotoxicity dynamics in somatic and germ cells of crayfish (*Procambarus clarkii*).

[Determination of dazomet and its metabolite methyl isothiocyanate residues in plant-derived foods by gas chromatography-triple quadrupole mass spectrometry].

Effects of dietary 2-(2H-benzotriazol-2-yl)-4-methylphenol (UV-P) exposure on Japanese medaka (*Oryzias latipes*) in a short-term reproduction assay.

Evaluation of dioxin induced transcriptomic responses in a 3D human liver microtissue model.

Tocopherol Enhances the Antioxidant Defense System and Histomorphometric Parameters in The Gastrointestinal Tract of Rats Treated with Sodium Arsenite.

Human Adult Microbiota in a Static Colon Model: AhR Transcriptional Activity at the Crossroads of Host-Microbe Interaction.

In vivo toxicity evaluations of halophenolic disinfection byproducts in drinking water: A multi-omics analysis of toxic mechanisms.

Melatonin Prevents NaAsO₂-Induced Developmental Cardiotoxicity in Zebrafish through Regulating Oxidative Stress and Apoptosis.

Dynamic Transcriptome Analysis Reveals Complex Regulatory Pathway Underlying Induction and Dose Effect by Different Exogenous Auxin IAA and 2,4-D During in vitro Embryogenic Redifferentiation in Cotton.

Effects of Vine Tea Extract on Meat Quality, Gut Microbiota and Metabolome of Wenchang Broiler.

Exposure to 3,3',4,4',5-Pentachlorobiphenyl (PCB126) Causes Widespread DNA Hypomethylation in Adult Zebrafish Testis.

The Role of Insect Symbiotic Bacteria in Metabolizing Phytochemicals and Agrochemicals.

Pro-197-Ser Mutation and Cytochrome P450-Mediated Metabolism Conferring Resistance to Flucarbazono-Sodium in *Bromus japonicus*.

Chronic Toxicity of Primary Metabolites of Chloroacetamide and Glyphosate to Early Life Stages of Marbled Crayfish *Procambarus virginalis*.

Effects of the Herbicide Atrazine on Crustacean Reproduction. Mini-Review.

Exposure to the Dioxin-like Pollutant PCB 126 Afflicts Coronary Endothelial Cells via Increasing 4-Hydroxy-2 Nonenal: A Role for Aldehyde Dehydrogenase 2.

Isobaric 4-Plex Tagging for Absolute Quantitation of Biological Acids in Diabetic Urine Using Capillary LC-MS/MS.

Chemical manipulation of mitochondrial function affects metabolism of red carotenoids in a marine copepod (*Tigriopus californicus*).

Biodegradation and Subsequent Toxicity Reduction of Co-contaminants Tribenuron Methyl and Metsulfuron Methyl by a Bacterial Consortium B2R.

Impact of Ferrous Sulfate on Thylakoidal Multiprotein Complexes, Metabolism and Defence of *Brassica juncea* L. under Arsenic Stress.

Integration of Metabolomics and Transcriptomics for Investigating the Tolerance of Foxtail Millet (*Setaria italica*) to Atrazine Stress.

Substitution of Refined Conventional Wheat Flour with Wheat High in Resistant Starch Modulates the Intestinal Microbiota and Fecal Metabolites in Healthy Adults: A Randomized, Controlled Trial.

Development and Automation of a Bacterial Biosensor to the Targeting of the Pollutants Toxic Effects by Portable Raman Spectrometer.

Impact of a 7-day homogeneous diet on interpersonal variation in human gut microbiomes and metabolomes.

Red propolis reduces inflammation in cyclophosphamide-induced hemorrhagic cystitis in rats.

Comparison of the toxic effects of organic and inorganic arsenic in *Caenorhabditis elegans* using a multigenerational approach.

Alachlor breaks down intracellular calcium homeostasis and leads to cell cycle arrest through JNK/MAPK and PI3K/AKT signaling mechanisms in bovine mammary gland epithelial cells.

Mitochondrial uncouplers induce proton leak by activating AAC and UCP1.

Fate of undigested proteins in the pig large intestine: What impact on the colon epithelium?

Effects of 1,3,7-tribromodibenzo-p-dioxin, a natural dioxin on chicken embryos: Comparison with effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Use of in vitro metabolism and biokinetics assays to refine predicted in vivo and in vitro internal exposure to the cosmetic ingredient, phenoxyethanol, for use in risk assessment.

Relationship between dioxins and steroid hormone in 6-year-olds: A follow-up study in an e-waste region of China.

Metabolomics and lipidomics to identify biomarkers of effect related to exposure to non-dioxin-like polychlorinated biphenyls in pigs.

Simultaneous determination of isoxaflutole and its two metabolites in corn under field conditions by LC-MS/MS.

Antimicrobial Mechanism and Secondary Metabolite Profiles of Biocontrol Agent *Streptomyces lydicus* M01 Based on Ultra-High-Performance Liquid Chromatography Connected to a Quadrupole Time-of-Flight Mass Spectrometer Analysis and Genome Sequencing.

Physiological and Metabolic Response of *Arthrospira maxima* to Organophosphates.

[Determination of acetochlor and its metabolites in urine using liquid chromatography-tandem mass spectrometry].

Distinct Epithelial Cell Profiles in Normal Versus Induced-Congenital Diaphragmatic Hernia Fetal Lungs.

Bioinspired Synthesis of Pinoxaden Metabolites Using a Site-Selective C-H Oxidation Strategy.

Pesticide exposure in New Zealand school-aged children: Urinary concentrations of biomarkers and assessment of determinants.

Dioxin-like polychlorinated biphenyl 126 (PCB126) disrupts gut microbiota-host metabolic dysfunction in mice via aryl hydrocarbon receptor activation.

Prediction of tissue and urine concentrations of 2-phenoxyethanol and its metabolite 2-phenoxyacetic acid in rat and human after oral and dermal exposures via GastroPlus(TM) physiologically based pharmacokinetic modelling.

Associations of total urinary arsenic with total cholesterol and high-density lipoprotein among 12-17-year-old participants from the 2009-2016 NHANES cycles: A cross-sectional study.

Evaluation of the Acute Effects of Arsenic on Adults of the Neotropical Native Fish *Cnesterodon decemmaculatus* Using a Set of Biomarkers.

Simultaneous determination of pinoxaden, cloquintocet-mexyl, clodinafop-propargyl ester and its major metabolite in barley products and soil using QuEChERS modified with multi-walled carbon nanotubes coupled with LC-MS/MS.

Effects of Different Formulations of Glyphosate on Rumen Microbial Metabolism and Bacterial Community Composition in the Rumen Simulation Technique System.

Ferrous Bisglycinate Supplementation Modulates Intestinal Antioxidant Capacity via the AMPK/FOXO Pathway and Reconstitutes Gut Microbiota and Bile Acid Profiles in Pigs.

Dioxin Disrupts Thyroid Hormone and Glucocorticoid Induction of *klf9*, a Master Regulator of Frog Metamorphosis.

[A case of occupational allyl alcohol inhalation poisoning].

The Potential Role of Mitochondrial Acetaldehyde Dehydrogenase 2 in Urological Cancers From the Perspective of Ferroptosis and Cellular Senescence.

Environmental induced transgenerational inheritance impacts systems epigenetics in disease etiology.

Assessment of Physicochemical, Microbiological and Toxicological Hazards at an Illegal Landfill in Central Poland.

Breath chemical markers of sexual arousal in humans.

Corrigendum to "Enantioselective metabolomic modulations in *Arabidopsis thaliana* leaf induced by the herbicide dichlorprop" [Sci. Total Environ. 797 (2021) 149015].

Agent Orange Reviewed: Potential Role in Peripheral Neuropathy and Neurodegeneration.

Potent mutagenicity of an azide, 3-azido-1,2-propanediol, in human TK6 cells.

Determination of Glyphosate, Glufosinate, and Their Major Metabolites in Tea Infusions by Dual-Channel Capillary Electrophoresis following Solid-Phase Extraction.

Connecting primary and specialized metabolism: Amino acid conjugation of phytohormones by GRETCHEN HAGEN 3 (GH3) acyl acid amido synthetases.

A Negative Feedback Loop and Transcription Factor Cooperation Regulate Zonal Gene Induction by 2, 3, 7, 8-Tetrachlorodibenzo-p-Dioxin in the Mouse Liver.

Physiological role of isocitrate lyase in dibenzo-p-dioxin and dibenzofuran metabolism by *Sphingomonas wittichii* RW1.

Effects of essential oil mixtures on nitrogen metabolism and odor emission via in vitro simulated digestion and in vivo growing pig experiments.

Profiles of Cytokinins Metabolic Genes and Endogenous Cytokinins Dynamics during Shoot Multiplication In Vitro of Phalaenopsis.

Minimum variance optimized Fisher ratio analysis of comprehensive two-dimensional gas chromatography / mass spectrometry data: Study of the pacu fish metabolome.

Insight in Hypoxia-Mimetic Agents as Potential Tools for Mesenchymal Stem Cell Priming in Regenerative Medicine.

Membrane Hormone Receptors and Their Signaling Pathways as Targets for Endocrine Disruptors.

Expression Pattern of Entire Cytochrome P450 Genes and Response of Defenses in a Metabolic-Herbicide-Resistant Biotype of *Polypogon fugax*.

Cytochrome P450 CYP709C56 metabolizing mesosulfuron-methyl confers herbicide resistance in *Alopecurus aequalis*.

Enhancement of cancer-cell-selective cytotoxicity by a dicopper complex with a phenanthrene amide-tether ligand conjugate via mitochondrial apoptosis.

Comprehensive characterization of the bacterial community structure and metabolite composition of food waste fermentation products via microbiome and metabolome analyses.

The aryl hydrocarbon receptor: A predominant mediator for the toxicity of emerging dioxin-like compounds.

Gut microbial metabolite p-cresol alters biotransformation of bisphenol A: Enzyme competition or gene induction?

Novel Coconut Vinegar Attenuates Hepatic and Vascular Oxidative Stress in Rats Fed a High-Cholesterol Diet.

Microbial Interactions in Kombucha through the Lens of Metabolomics.

Is the Use of Glyphosate in Modern Agriculture Resulting in Increased Neuropsychiatric Conditions Through Modulation of the Gut-brain-microbiome Axis?

Improving the Acetic Acid Fermentation of *Acetobacter pasteurianus* by Enhancing the Energy Metabolism.

Disulfiram Produces Potent Anxiolytic-Like Effects Without Benzodiazepine Anxiolytics-Related Adverse Effects in Mice.

Metabolomic and transcriptomic investigation of the mechanism involved in enantioselective toxicity of imazamox in *Lemna minor*.

Fungicide-loaded mesoporous silica nanoparticles promote rice seedling growth by regulating amino acid metabolic pathways.

More than Meets the Eye: The Aryl Hydrocarbon Receptor is an Environmental Sensor, Physiological Regulator and a Therapeutic Target in Ocular Disease.

Metabolic profiling of serum and urine in lactating dairy cows affected by subclinical ketosis using proton nuclear magnetic resonance spectroscopy.

Identification of the AccCDK1 gene in *Apis cerana cerana* and its relationship with the oxidative stress response.

Significant Correlations between p-Cresol Sulfate and Mycophenolic Acid Plasma Concentrations in Adult Kidney Transplant Recipients.

Laser-induced choroidal neovascularization detected on optical coherence tomography angiography in patients with diabetic retinopathy.

Distinguish oral-source VOCs and control their potential impact on breath biomarkers.

Concentrations and Toxic Implications of Dioxin-Like Polychlorinated Biphenyls in Soil Samples from Electrical Power Stations in Lagos, Nigeria.

Using metabolomic profiling to inform use of surrogate species in ecological risk assessment practices.

Cyhalofop-butyl resistance conferred by a novel Trp-2027-Leu mutation of acetyl-CoA carboxylase and enhanced metabolism in *Leptochloa chinensis*.

Effects of the L-tyrosine-derived bacterial metabolite p-cresol on colonic and peripheral cells.

Interference of dietary polyphenols with potentially toxic amino acid metabolites derived from the colonic microbiota.

Root exudation of prometryn and its metabolites from Chinese celery (*Apium graveolens*).

The OxyR and SoxR transcriptional regulators are involved in a broad oxidative stress response in *Paraburkholderia xenovorans* LB400.

Pharmacological Inhibition of Spermine Oxidase Suppresses Excitotoxicity Induced Neuroinflammation in Mouse Retina.

Inhibitory effect of individual and mixtures of nitrophenols on anaerobic toxicity assay of anaerobic systems: Metabolism and evaluation modeling.

Unravelling the contribution of nitrifying and methanotrophic bacteria to micropollutant co-metabolism in rapid sand filters.

Comparative metabolomics and microbial communities associated network analysis of black and white horse-sourced koumiss.

Mitochondrial proteomics reveals new insights into embryogenic competence acquisition in *Carica papaya* L. callus.

Potential neurotoxicity, immunotoxicity, and carcinogenicity induced by metribuzin and tebuconazole exposure in earthworms (*Eisenia fetida*) revealed by transcriptome analysis.

Aclonifen induces bovine mammary gland epithelial cell death by disrupting calcium homeostasis and inducing ROS production.

Removal of azimsulfuron and zoxamide using a tapered variable diameter biological fluidized bed combined with electrochemistry: Mass fraction division, energy metabolism activity and carbon emissions.

Pesticides alter ecosystem respiration via phytoplankton abundance and community structure: Effects on the carbon cycle?

Identifying potential thyroid hormone disrupting effects among diphenyl ether structure pesticides and their metabolites in silico.

Effect of freeze-dried kombucha culture on microbial composition and assessment of metabolic dynamics during fermentation.

Instrumental and bioanalytical assessment of pharmaceuticals and hormone-like compounds in a major drinking water source-wastewater receiving Zayandeh Rood river, Iran.

Probiotic *Bacillus* Alleviates Oxidative Stress-Induced Liver Injury by Modulating Gut-Liver Axis in a Rat Model.

Algae and Their Metabolites as Potential Bio-Pesticides.

Why Do High-Risk Patients Develop or Not Develop Coronary Artery Disease? Metabolic Insights from the CAPIRE Study.

[Relationship between pesticide exposure and lipid metabolism in population].

Glyphosate vs. Glyphosate-Based Herbicides Exposure: A Review on Their Toxicity.

Oxyfluorfen induces hepatotoxicity through lipo-sugar accumulation and inflammation in zebrafish (*Danio rerio*).

Hormonal interactions underlying parthenocarpic fruit formation in horticultural crops.

Locust density shapes energy metabolism and oxidative stress resulting in divergence of flight traits.

Naltrexone Transport by a Proton-Coupled Organic Cation Antiporter in hCMEC/D3 Cells, an in Vitro Human Blood-Brain Barrier Model.

Gut neurotoxin p-cresol induces brain-derived neurotrophic factor secretion and increases the expression of neurofilament subunits in PC-12 cells.

Temporal Modulation of Differential Alternative Splicing in HaCaT Human Keratinocyte Cell Line Chronically Exposed to Arsenic for up to 28 Wk.

A direct and simple immobilization route for immunosensors by CNBr activation for covalent attachment of anti-leptin: obesity diagnosis point of view.

Fluroxypyr-1-methylheptyl ester causes apoptosis of bovine mammary gland epithelial cells by regulating PI3K and MAPK signaling pathways and endoplasmic reticulum stress.

Biofilm formed by *Hanschlegelia zihuaiae* S113 on root surface mitigates the toxicity of bensulfuron-methyl residues to maize.

Juvenile hormone mimics with phenyl ether and amide functionality to be insect growth regulators (IGRs): synthesis, characterization, computational and biological study.

Aminomethylphosphonic acid (AMPA) alters oxidative status during embryonic development in an amphibian species.

Bioaccumulation, metabolism and endocrine-reproductive effects of metolachlor and its S-enantiomer in adult zebrafish (*Danio rerio*).

Insight investigation of the on-site activated sludge reduction induced by metabolic uncoupler: Effects of 2,6-dichlorophenol on soluble microbial products, microbial activity, and environmental impact.

Exposome of attention deficit hyperactivity disorder in Taiwanese children: exploring risks of endocrine-disrupting chemicals.

Infrared thermography can detect previsual bacterial growth in a laboratory setting via metabolic heat detection.

Soybean isoflavones protect SH-SY5Y neurons from atrazine-induced toxicity by activating mitophagy through stimulation of the BEX2/BNIP3/NIX pathway.

Generational effects of a chronic exposure to a low environmentally relevant concentration of glyphosate on rainbow trout, *Oncorhynchus mykiss*.

Effects of Pesticides on Longevity and Bioenergetics in Invertebrates-The Impact of Polyphenolic Metabolites.

Alterations in small RNA profiles in liver following a subchronic exposure to a low-dose pesticide mixture in Sprague-Dawley rats.

ADME/T-based strategies for paraquat detoxification: Transporters and enzymes.

Salicylic Acid Acts Antagonistically to Plastid Retrograde Signaling by Promoting the Accumulation of Photosynthesis-associated Proteins in Arabidopsis.

Repeated Low-Dose Acrolein Triggers Irreversible Lamina Propria Edema in Urinary Bladder, Transient Voiding Behavior and Widening of Eyes to Mechanical Stimuli.

An NMR-based metabolomics study on sea anemones *Exaiptasia diaphana* (Rapp, 1829) with atrazine exposure.

Superabsorbent polymer as a supplement substrate of constructed wetland to retain pesticides from agricultural runoff.

Application of the health risk assessment of acetochlor in the development of water quality criteria.

Acute exposition to Roundup Transorb[®] induces systemic oxidative stress and alterations in the expression of newly sequenced genes in silverside fish (*Odontesthes humensis*).

Enantioselective metabolomic modulations in *Arabidopsis thaliana* leaf induced by the herbicide dichlorprop.

An integrated host-microbiome response to atrazine exposure mediates toxicity in *Drosophila*.

Pleiotropic Outcomes of Glyphosate Exposure: From Organ Damage to Effects on Inflammation, Cancer, Reproduction and Development.

Review: Mechanisms of Glyphosate and Glyphosate-Based Herbicides Action in Female and Male Fertility in Humans and Animal Models.

Proteomic Profile of Glyphosate-Resistant Soybean under Combined Herbicide and Drought Stress Conditions.

Quinoxaline derivatives as herbicide safeners by improving *Zea mays* tolerance.

The phytotoxicity mechanism of florypyrauxifen-benzyl to *Echinochloa crus-galli* (L.) P. Beauv and weed control effect.

The effect of atrazine on intestinal histology, microbial community and short chain fatty acids in *Pelophylax nigromaculatus* tadpoles.

Herbicide atrazine exposure induce oxidative stress, immune dysfunction and WSSV proliferation in red swamp crayfish *Procambarus clarkii*.

Exposure to the herbicide butachlor activates hepatic stress signals and disturbs lipid metabolism in mice.

Soil bacterial community dynamics following bioaugmentation with *Paenarthrobacter* sp. W11 in atrazine-contaminated soil.

Paraquat promotes acute lung injury in rats by regulating alveolar macrophage polarization through glycolysis.

Endophytic bacterium CIMAP-A7 mediated amelioration of atrazine induced phyto-toxicity in *Andrographis paniculata*.

Sex-dependent acrolein sensitivity in mice is associated with differential lung cell, protein, and transcript changes.

Functional roles of polyamines and their metabolite acrolein in eukaryotic cells.

Negative cross-resistance to clomazone in imazethapyr-resistant *Echinochloa crus-galli* caused by increased metabolism.

Effects of co-formulants on the absorption and secretion of active substances in plant protection products in vitro.

Melatonin Increases Life Span, Restores the Locomotor Activity, and Reduces Lipid Peroxidation (LPO) in Transgenic Knockdown Parkin *Drosophila melanogaster* Exposed to Paraquat or Paraquat/Iron.

Improving screening model of pesticide risk assessment in surface soils: Considering degradation metabolites.

Prenatal exposure to organophosphate and pyrethroid insecticides and the herbicide 2,4-dichlorophenoxyacetic acid and size at birth in urban pregnant women.

Global transcriptome profiling reveals antagonizing response of head kidney of juvenile common carp exposed to glyphosate.

Exposure to 2,4-D herbicide induces hepatotoxicity in zebrafish larvae.

Reproductive toxicity due to herbicide exposure in freshwater organisms.

Growth and metabolic responses to methyl viologen (1,1'-dimethyl - 4,4'-bipyridinium dichloride) on *Chlorella vulgaris*.

Phytotoxicity of the chiral herbicide dichlorprop: Cross-talk between nitric oxide, reactive oxygen species and phytohormones.

Olfactory perception of herbicide butachlor by GOBP2 elicits ecdysone biosynthesis and detoxification enzyme responsible for chlorpyrifos tolerance in *Spodoptera litura*.

Paraquat-induced cholesterol biosynthesis proteins dysregulation in human brain microvascular endothelial cells.

Perinatal exposure to a glyphosate-based herbicide causes dysregulation of dynorphins and an increase of neural precursor cells in the brain of adult male rats.

Modified zeolite-supported biofilm in service of pesticide biodegradation.

Immunological and metabolic effects of acute sublethal exposure to glyphosate or glyphosate-based herbicides on juvenile rainbow trout, *Oncorhynchus mykiss*.

Assessment of risks to listed species from the use of atrazine in the USA: a perspective.

Fragment Recombination Design, Synthesis, and Safener Activity of Novel Ester-Substituted Pyrazole Derivatives.

3,5,6-trichloro-2-pyridinol intensifies the effect of chlorpyrifos on the paracrine function of Sertoli cells by preventing binding of testosterone and the androgen receptor.

Developmental effect of parental or direct chronic exposure to environmental concentration of glyphosate on the larvae of rainbow trout, *Oncorhynchus mykiss*.

Effects of the herbicide Irgarol 1051 on the transcriptome of hermatypic coral *Acropora tenuis* and its symbiotic dinoflagellates.

Toxicological status changes the susceptibility of the honey bee *Apis mellifera* to a single fungicidal spray application.

Route of exposure influences pesticide body burden and the hepatic metabolome in post-metamorphic leopard frogs.

Phytotoxicity of *Schiekia timida* Seed Extracts, a Mixture of Phenylphenalenones.

Whole transcriptome analysis resulted in the identification of Chinese sprangletop (*Leptochloa chinensis*) genes involved in cyhalofop-butyl tolerance.

Low-Dose Acrolein, an Endogenous and Exogenous Toxic Molecule, Inhibits Glucose Transport via an Inhibition of Akt-Regulated GLUT4 Signaling in Skeletal Muscle Cells.

Glyphosate-based herbicides: Evidence of immune-endocrine alteration.

N-acetylcysteine is more effective than ellagic acid in preventing acrolein induced dysfunction in mitochondria isolated from rat liver.

Paraquat induces redox imbalance and disrupts glutamate and energy metabolism in the hippocampus of prepubertal rats.

Proteome of *Saccharomyces cerevisiae* under paraquat stress regulated by therapeutic concentration of copper ions.

Exposure to sublethal concentrations of the glyphosate-based herbicide Faena[®] increases sensitivity in the progeny of the American cladoceran *Daphnia exilis* (Herrick, 1895).

Metazachlor effect on poplar - Pioneer plant species for riparian buffers.

Mendelian randomization analysis of arsenic metabolism and pulmonary function within the Hispanic Community Health Study/Study of Latinos.

Possible effects of agent orange and posttraumatic stress disorder on hyperglycemia in Korean veterans from the US-Vietnam war.

Amazonian soil fungi are efficient degraders of glyphosate herbicide; novel isolates of *Penicillium*, *Aspergillus*, and *Trichoderma*.

Changes in soil microbial community and activity caused by application of dimethachlor and linuron.

Perinatal exposure to low doses of glyphosate-based herbicide combined with a high-fat diet in adulthood causes changes in the jejunums of mice.

Acrolein-conjugated proteomics in brains of adult C57BL/6 mice chronically exposed to acrolein and aged APP/PS1 transgenic AD mice.

Modeling acetylcholine esterase inhibition resulting from exposure to a mixture of atrazine and chlorpyrifos using a physiologically-based kinetic model in fish.

Physiological and metagenomic strategies uncover the rhizosphere bacterial microbiome succession underlying three common environmental stresses in cassava.

Current insights into the microbial degradation for butachlor: strains, metabolic pathways, and molecular mechanisms.

Genotoxicity of chloroacetamide herbicides and their metabolites *in vitro* and *in vivo*.

Ground-glass hepatocellular inclusions are associated with polypharmacy.

Identification of lncRNA expression profiles and analysis of ceRNA in the hippocampus of perinatal glyphosate-exposed mice.

Atrazine-induced cell-mediated immunotoxicity in rabbits and the ameliorating role of glycyrrhizic acid.

Effects of the emulsifiable herbicide Dicamba on amphibian tadpoles: an underestimated toxicity risk?

Influence of temperature on biomarker responses and histology of the liver of American bullfrog tadpoles (*Lithobates catesbeianus*, Shaw, 1802) exposed to the herbicide Tebuthiuron.

Intergenerational thyroid hormone homeostasis imbalance in cerebellum of rats perinatally exposed to glyphosate-based herbicide.

The hepatotoxicity of atrazine exposure in mice involves the intestinal microbiota.

Toxicity assessment at different experimental scenarios with glyphosate, chlorpyrifos and antibiotics in *Rhinella arenarum* (Anura: Bufonidae) tadpoles.

Chloroplast-derived photo-oxidative stress causes changes in H₂O₂ and EGSH in other subcellular compartments.

Micronucleus Formation Induced by Glyphosate and Glyphosate-Based Herbicides in Human Peripheral White Blood Cells.

Epigenetic Changes Associated With Exposure to Glyphosate-Based Herbicides in Mammals.

Synergistic effects of glyphosate and multiwall carbon nanotubes on *Arabidopsis thaliana* physiology and metabolism.

Compositional differences in hybrids between protoporphyrinogen IX oxidase (PPO)-inhibiting herbicide-resistant transgenic rice and weedy rice accessions.

Ubiquinone Metabolism and Transcription HIF-1 Targets Pathway Are Toxicity Signature Pathways Present in Extracellular Vesicles of Paraquat-Exposed Human Brain Microvascular Endothelial Cells.

Pesticides in a case study on no-tillage farming systems and surrounding forest patches in Brazil.

Analysis of Biomechanical Parameters of Muscle Soleus Contraction and Blood Biochemical Parameters in Rat with Chronic Glyphosate Intoxication and Therapeutic Use of C(60) Fullerene.

Carryover effect of atrazine and its metabolite from treated bovine spermatozoa to the embryo's transcriptome.

Developmental atrazine exposure in zebrafish produces the same major metabolites as mammals along with altered behavioral outcomes.

Mutation of the Cytochrome P450 CYP360A8 Gene Increases Sensitivity to Paraquat in *Daphnia magna*.

Exposure Impacts of Environmentally Relevant Concentrations of a Glufosinate Ammonium Herbicide Formulation on Larval Development and Thyroid Histology of *Xenopus laevis*.

Transcriptome analysis reveals gene responses to herbicide, tribenuron methyl, in *Brassica napus* L. during seed germination.

Multi-omics phenotyping of the gut-liver axis reveals metabolic perturbations from a low-dose pesticide mixture in rats.

Phytotoxic Secondary Metabolites from Fungi.

A simple paper-based colorimetric analytical device for rapid detection of *Enterococcus faecalis* under the stress of chlorophenols.

In vitro Interference of a Glyphosate Commercial Formulation with the Stimulation of Ovarian Maturation by Progesterone, in the Estuarine Crab *Neohelice granulata*.

Agent Orange Exposure and Dementia Diagnosis in US Veterans of the Vietnam Era.

Characterizing the protracted neurobiological and neuroanatomical effects of paraquat in a murine model of Parkinson's disease.

A novel idea for establishing Parkinson's disease mouse model by intranasal administration of paraquat.

No hints at glyphosate-induced ruminal dysbiosis in cows.

Developmental toxicity and transcriptome analysis of zebrafish (*Danio rerio*) embryos following exposure to chiral herbicide safener benoxacor.

Could Glyphosate and Glyphosate-Based Herbicides Be Associated With Increased Thyroid Diseases Worldwide?

Controversies on Endocrine and Reproductive Effects of Glyphosate and Glyphosate-Based Herbicides: A Mini-Review.

The oxidative stress caused by atrazine in root exudation of *Pennisetum americanum* (L.) K. Schum.

Investigation of in vivo unscheduled DNA synthesis in rabbit corneas following instillation of genotoxic agents.

Effects of a mixture of glyphosate, 17 β -ethynylestradiol and amyl salicylate on cellular and biochemical parameters of the mussel *Mytilus galloprovincialis*.

Transcriptomic profiling of atrazine phytotoxicity and comparative study of atrazine uptake, movement, and metabolism in *Potamogeton crispus* and *Myriophyllum spicatum*.

Effects of glyphosate-based herbicide-contaminated diets on reproductive organ toxicity and hypothalamic-pituitary-ovarian axis hormones in weaned piglets.

Developmental assays using invasive cane toads, *Rhinella marina*, reveal safety concerns of a common formulation of the rice herbicide, butachlor.

Comparison of the Effect on Fetal Growth of a Mixture of Atrazine and Nitrates in Drinking Water and of Active Tobacco Exposure during Pregnancy.

Assessment of Glyphosate Impact on the Agrofood Ecosystem.

PET nanoplastics interactions with water contaminants and their impact on human cells.

Effects of glyphosate residues and different concentrate feed proportions in dairy cow rations on hepatic gene expression, liver histology and biochemical blood parameters.

Low-dose exposure of glyphosate-based herbicides disrupt the urine metabolome and its interaction with gut microbiota.

Glycolate combats massive oxidative stress by restoring redox potential in *Caenorhabditis elegans*.

Concealed metabolic reprogramming induced by different herbicides in tomato.

A novel UDP-glycosyltransferase 91C1 confers specific herbicide resistance through detoxification reaction in *Arabidopsis*.

Protective effects of black seed (*Nigella sativa*) diet supplementation in common carp (*Cyprinus carpio*) against immune depression, oxidative stress and metabolism dysfunction induced by glyphosate.

Environmental disappearance of acetochlor and its bioavailability to weed: A general prototype for reduced herbicide application instruction.

Pentachlorophenol and ciprofloxacin present dissimilar joint toxicities with carbon nanotubes to *Bacillus subtilis*.

The use of combined high-fructose diet and glyphosate to model rats type 2 diabetes symptomatology.

Genotoxic and epigenetic effects of diuron in the Pacific oyster: in vitro evidence of interaction between DNA damage and DNA methylation.

Characterization, genome functional analysis, and detoxification of atrazine by *Arthrobacter* sp. C2.

A single gene inherited trait confers metabolic resistance to chlorsulfuron in grain sorghum (*Sorghum bicolor*).

Evaluation on reprogrammed biological processes in transgenic maize varieties using transcriptomics and metabolomics.

The effect of chronic exposure to chloridazon and its degradation product chloridazon-desphenyl on signal crayfish *Pacifastacus leniusculus*.

The agrochemical S-metolachlor disrupts molecular mediators and morphology of the swim bladder: Implications for locomotor activity in zebrafish (*Danio rerio*).

Effects of subchronic exposure to environmentally relevant concentrations of the herbicide atrazine in the Neotropical fish *Astyanax altiparanae*.

2, 4-D removal efficiency of *Salvinia natans* L. and its tolerance to oxidative stresses through glutathione metabolism under induction of light and darkness.

Common and particular biochemical responses of *Unio tumidus* to herbicide, pharmaceuticals and their combined exposure with heating.

Paraquat exposure over generation affects lifespan and reproduction through mitochondrial disruption in *C. elegans*.

Melatonin alleviates the deterioration of oocytes and hormonal disorders from mice subjected to glyphosate.

Profiling and fingerprinting strategies to assess exposure of edible plants to herbicides.

Chloro-s-triazines-toxicokinetic, Toxicodynamic, Human Exposure, and Regulatory Considerations.

Use of Shotgun Metagenomics and Metabolomics to Evaluate the Impact of Glyphosate or Roundup MON 52276 on the Gut Microbiota and Serum Metabolome of Sprague-Dawley Rats.

RNA-Seq transcriptome analysis to identify candidate genes involved in non-target site-based mesosulfuron-methyl resistance in *Beckmannia syzigachne*.

Impact of chronic exposure of rainbow trout, *Oncorhynchus mykiss*, to low doses of glyphosate or glyphosate-based herbicides.

Herbicides glyphosate and glufosinate ammonium negatively affect human sperm mitochondria respiration efficiency.

HSPB5 (β -crystallin) confers protection against paraquat-induced oxidative stress at the organismal level in a tissue-dependent manner.

Changes induced by atrazine in *Clarias gariepinus* provide insight into alterations in ovarian histoarchitecture and direct effects on oogenesis.

Agrochemicals in freshwater systems and their potential as endocrine disrupting chemicals: A South African context.

Hormesis in plants: Physiological and biochemical responses.

Effects of chronic glyphosate exposure on antioxidative status, metabolism and immune response in tilapia (*GIFT, Oreochromis niloticus*).

Life-threatening triclopyr poisoning due to diethylene glycol monoethyl ether solvent.

Short-term changes related to autotetraploidy in essential oil composition of *Eucalyptus benthamii* Maiden & Cambage and its applications in different bioassays.

Resistance to a nonselective 4-hydroxyphenylpyruvate dioxygenase-inhibiting herbicide via novel reduction-dehydration-glutathione conjugation in *Amaranthus tuberculatus*.

In vitro activities of carvacrol, cinnamaldehyde and thymol against *Candida* biofilms.

Exposure to 2,4-dichlorophenol, 2,4,6-trichlorophenol, pentachlorophenol and risk of thyroid cancer: a case-control study in China.

Reduced Acrolein Detoxification in *akr1a1a* Zebrafish Mutants Causes Impaired Insulin Receptor Signaling and Microvascular Alterations.

Protective effect of genistein pre-treatment on paraquat hepatotoxicity in rats.

The relationship between chronic arsenic exposure and body measures among US adults: National Health and Nutrition Examination Survey 2009-2016.

Monomethylated arsenic was the Major methylated arsenic in Red blood cells of acute promyelocytic leukemia patients treated with arsenic trioxide.

Psychosocial impairment following mild blast-induced traumatic brain injury in rats.

Cinnamaldehyde Improves Metabolic Functions in Streptozotocin-Induced Diabetic Mice by Regulating Gut Microbiota.

Pilot study on the urinary excretion of the glyphosate metabolite aminomethylphosphonic acid and breast cancer risk: The Multiethnic Cohort study.

Mechanistic role of antioxidants in rescuing delayed gastric emptying in high fat diet induced diabetic female mice.

Urinary total arsenic and arsenic methylation capacity in pregnancy and gestational diabetes mellitus: A case-control study.

Neuroprotective effects of pomegranate (*Punica granatum* L.) juice and seed extract in paraquat-induced mouse model of Parkinson's disease.

The Onset of Systemic Oxidative Stress Associated with the Accumulation of Lipid Peroxidation Product Acrolein in the Skin of Patients with Small-Vessel Vasculitis.

Effect of Fluorofenidone Against Paraquat-Induced Pulmonary Fibrosis Based on Metabolomics and Network Pharmacology.

Neuroprotective potential of cinnamon and its metabolites in Parkinson's disease: Mechanistic insights, limitations, and novel therapeutic opportunities.

Cinnamaldehyde mitigates placental vascular dysfunction of gestational diabetes and protects from the associated fetal hypoxia by modulating placental angiogenesis, metabolic activity and oxidative stress.

Polyamine biomarkers as indicators of human disease.

Suppression of Th17 cell differentiation via sphingosine-1-phosphate receptor 2 by cinnamaldehyde can ameliorate ulcerative colitis.

Urinary Levels of the Acrolein Conjugates of Carnosine Are Associated with Cardiovascular Disease Risk.

Cinnamaldehyde Could Reduce the Accumulation of Diarrhetic Shellfish Toxins in the Digestive Gland of the Mussel *Perna viridis* under Laboratory Conditions.

Glyphosate-induced lipid metabolism disorder contributes to hepatotoxicity in juvenile common carp.

Metabolic Pathways for S-Metolachlor Detoxification Differ Between Tolerant Corn and Multiple-Resistant Waterhemp.

Titanium dioxide-coated core-shell silica microspheres-based solid-phase extraction combined with sheathless capillary electrophoresis-mass spectrometry for analysis of glyphosate, glufosinate and their metabolites in baby foods.

Potential of *Trichoderma harzianum* and Its Metabolites to Protect Wheat Seedlings against *Fusarium culmorum* and 2,4-D.

Antibacterial and herbicidal properties of secondary metabolites from fungi.

Absorption, Distribution, Metabolism, and Excretion of a New Herbicide, Epyrifenacil, in Rats.

Adduct Formation of Acrolein with Cyanidin-3-O-glucoside and Its Degradants/Metabolites during Thermal Processing or In Vivo after Consumption of Red Bayberry.

Target site mutations and cytochrome P450s-involved metabolism confer resistance to nicosulfuron in green foxtail (*Setaria viridis*).

E-cigarette vaping liquids and the flavoring chemical cinnamaldehyde perturb bone, cartilage and vascular development in zebrafish embryos.

Transcriptome and metabolome analyses of response of *Synechocystis* sp. PCC 6803 to methyl viologen.

Metabolic and residual characteristic of different arsenic species contained in laver during mouse digestion.

Identification of adducts formed between acrolein and alanine or serine in fried potato crisps and the cytotoxicity-lowering effect of acrolein in three cell lines.

Residues and dietary intake risk assessments of clomazone, fomesafen, haloxyfop-methyl and its metabolite haloxyfop in spring soybean field ecosystem.

Interconversion and Acrolein-Trapping Capacity of Cardamonin/Alpinetin and Their Metabolites In Vitro and In Vivo.

Identification of the organic anion transporting polypeptides responsible for the hepatic uptake of the major metabolite of epyrifenacil, S-3100-CA, in mice.

The hidden effects of agrochemicals on plant metabolism and root-associated microorganisms.

Antifungal activity of glyphosate against fungal blast disease on glyphosate-tolerant OsmEPSPS transgenic rice.

Simultaneous determination of triazine herbicides and their metabolites in shellfish by HPLC-MS/MS combined with Q/E-Orbitrap HRMS.

Epigenome-wide association study for glyphosate induced transgenerational sperm DNA methylation and histone retention epigenetic biomarkers for disease.

Inhibition of amyloid formation of amyloid \tilde{I}^2 (1-42), amylin and insulin by 1,5-diazacyclooctanes, a spermine-acrolein conjugate.

Accelerated atrazine degradation and altered metabolic pathways in goat manure assisted soil bioremediation.

Effective and rugged analysis of glyphosate, glufosinate, and metabolites in *Tenebrio molitor* larva (mealworms) using liquid chromatography tandem mass spectrometry.

Acrolein but not its metabolite, 3-Hydroxypropylmercapturic acid (3HPMA), activates vascular transient receptor potential Ankyrin-1 (TRPA1): Physiological to toxicological implications.

Bioconcentration and Metabolism of the New Herbicide Methiozolin in Ricefish (*Oryzias latipes*).

Study of muscle fibers of the extensor digitorum longus and soleus muscles of C57BL/6 females exposed to glyphosate during pregnancy and lactation.

Two Auxinic Herbicides Affect *Brassica napus* Plant Hormone Levels and Induce Molecular Changes in Transcription.

A simple method for the determination of glyphosate, glufosinate and their metabolites in biological specimen by liquid chromatography/tandem mass spectrometry: an application for forensic toxicology.

Leaf metabolic influence of glyphosate and nanotubes on the *Arabidopsis thaliana* phyllosphere.

Establishment of a HPLC-MS/MS Detection Method for Glyphosate, Glufosinate-Ammonium, and Aminomethyl Phosphoric Acid in Tea and Its Use for Risk Exposure Assessment.

One-step purification/extraction method to access glyphosate, glufosinate, and their metabolites in natural waters.

The Herbicide Atrazine Potentiates Angiotensin II-Induced Aldosterone Synthesis and Release From Adrenal Cells.

Cytotoxicity and effects of curcumin and cinnamaldehyde hybrids on biofilms of oral pathogens.

Maternal urinary levels of glyphosate during pregnancy and anogenital distance in newborns in a US multicenter pregnancy cohort.

Different leaf-mediated deposition, absorbed and metabolism behaviors of 2,4-D isooctyl ester between *Triticum aestivum* and *Aegilops tauschii* Coss.

Metribuzin-induced non-adverse liver changes result in rodent-specific non-adverse thyroid effects via uridine 5'-diphospho-glucuronosyltransferase (UDPGT, UGT) modulation.

Selective β -Mono-Glycosylation of a C15-Hydroxylated Metabolite of the Agricultural Herbicide Cinmethylin Using Leloir Glycosyltransferases.

The TRPA1 Agonist Cinnamaldehyde Induces the Secretion of HCO₃⁻ by the Porcine Colon.

Metabolomic analysis of *Schoenoplectus juncooides* reveals common markers of acetolactate synthase inhibition among paddy weeds.

Origins, fate, and actions of methylated trivalent metabolites of inorganic arsenic: progress and prospects.

Exposure to volatile organic compounds - acrolein, 1,3-butadiene, and crotonaldehyde - is associated with vascular dysfunction.

Enhanced metabolism confers a high level of cyhalofop-butyl resistance in a Chinese sprangletop (*Leptochloa chinensis* (L.) Nees) population.

Regulation of secondary metabolite biosynthesis in *Monascus purpureus* via cofactor metabolic engineering strategies.

Arsenic Exposure, Arsenic Metabolism, and Glycemia: Results from a Clinical Population in New York City.

Rare, Protein-Altering Variants in AS3MT and Arsenic Metabolism Efficiency: A Multi-Population Association Study.

Dietary intake and urinary excretion of methylated arsenicals of Japanese adults consuming marine foods and rice.

Coexisting antibiotic changes the persistence and metabolic profile of atrazine in the environment.

Enhanced metabolism and target gene overexpression confer resistance against acetolactate synthase-inhibiting herbicides in *Bromus sterilis*.

Influence of Cd on atrazine degradation and the formation of three primary metabolites in water under the combined pollution.

Investigating the Mechanism of Metabolic Resistance to Tribenuron-Methyl in *Capsella bursa-pastoris* (L.) Medik. by Full-Length Transcriptome Assembly Combined with RNA-Seq.

The Effect of Glyphosate on the Reproduction of Estuarine Crabs: *Neohelice granulata* as a Study Model.

Whole-genome sequencing, genome mining, metabolic reconstruction and evolution of pentachlorophenol and other xenobiotic degradation pathways in *Bacillus tropicus* strain AOA-CPS1.

Determination of glyphosate, glufosinate and their major metabolites in urine by the UPLC-MS/MS method applicable to biomonitoring and epidemiological studies.

Cytochrome P450 metabolism-based herbicide resistance to imazamox and 2,4-D in *Papaver rhoeas*.

Comprehensive analyses of degradative enzymes associated with mesotrione-degraded process in rice for declining environmental risks.

LC-MS untargeted metabolomics assesses the delayed response of glufosinate treatment of transgenic glufosinate resistant (GR) buffalo grasses (*Stenotaphrum secundatum* L.).

Aquaculture-derived distribution, partitioning, migration, and transformation of atrazine and its metabolites in seawater, sediment, and organisms from a typical semi-closed mariculture bay.

Secondary Metabolites, Ferulic Acid and p-Hydroxybenzoic Acid Induced Toxic Effects on Photosynthetic Process in *Rumex acetosa* L.

Simultaneous determination of the herbicide bixlozone and its metabolites in plant and animal samples by liquid chromatography-tandem mass spectrometry.

Concentrations of selected arsenic species in urine across various stages of renal function including hyperfiltration.

Effects of simazine and food deprivation chronic stress on energy allocation among the costly physiological processes of male lizards (*Eremias argus*).

Micropropagation and Secondary Metabolites Content of White-Purple Varieties of *Orthosiphon aristatus* Blume Miq.

Indaziflam sorption-desorption and its three metabolites from biochars- and their raw feedstock-amended agricultural soils using radiometric technique.

Understanding the origins of herbicides metabolites in an agricultural watershed through their spatial and seasonal variations.

Ecological risk assessment of current-use pesticides and biocides in soils, sediments and surface water of a mixed land-use basin of the Pampas region, Argentina.

The problem with implementing fish farms in agricultural regions: A trial in a pampean pond highlights potential risks to both human and fish health.

The challenge of detecting the herbicide glyphosate and its metabolite AMPA in seawater - Method development and application in the Baltic Sea.

Cytochrome P450 CYP81A10v7 in *Lolium rigidum* confers metabolic resistance to herbicides across at least five modes of action.

Melanophryniscus admirabilis tadpoles' responses to sulfentrazone and glyphosate-based herbicides: an approach on metabolism and antioxidant defenses.

Cytochrome P450-mediated herbicide metabolism in plants: current understanding and prospects.

Effects of Different Intensity Exercise on Glucose Metabolism and Hepatic IRS/PI3K/AKT Pathway in SD Rats Exposed with TCDD.

Low-dose PCB126 exposure disrupts cardiac metabolism and causes hypertrophy and fibrosis in mice.

Chemical constituents and medicinal properties of *Allium* species.

Platelet autophagic machinery involved in thrombosis through a novel linkage of AMPK-MTOR to sphingolipid metabolism.

Evaluating Glycemic Control During Basalin or Lantus Administration in Adults With Controlled Type 2 Diabetes Mellitus Using Continuous Glucose Monitoring.

Metabolomic Profiling of Poor Ovarian Response Identifies Potential Predictive Biomarkers.

Carbohydrate Sulfation As a Mechanism for Fine-Tuning Siglec Ligands.

Aryl Hydrocarbon Receptor (AhR) Activation by 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) Dose-Dependently Shifts the Gut Microbiome Consistent with the Progression of Non-Alcoholic Fatty Liver Disease.

Gut Microbiota and Their Derived Metabolites, a Search for Potential Targets to Limit Accumulation of Protein-Bound Uremic Toxins in Chronic Kidney Disease.

Role of AHR Ligands in Skin Homeostasis and Cutaneous Inflammation.

Neurons die with heightened but functional macro- and chaperone mediated autophagy upon increased amyloid- β induced toxicity with region-specific protection in prolonged intermittent fasting.

The Role of Iron and Zinc in the Treatment of ADHD among Children and Adolescents: A Systematic Review of Randomized Clinical Trials.

Polychlorinated environmental toxicants affect sphingolipid metabolism during neurogenesis in vitro.

Aryl hydrocarbon receptor (AHR) functions in infectious and sterile inflammation and NAD(+)-dependent metabolic adaptation.

Impaired Tubular Secretion of Organic Solutes in Advanced Chronic Kidney Disease.

Untargeted serum metabolomics and potential biomarkers for Sjögren's syndrome.

Joint effect of urinary arsenic species and serum one-carbon metabolism nutrients on gestational diabetes mellitus: A cross-sectional study of Chinese pregnant women.

Respiratory characteristics of the tammar wallaby pouch young and functional limitations in a newborn with skin gas exchange.

Computational studies on bacterial secondary metabolites against breast cancer.

The protective effect of *Xanthoceras sorbifolia* Bunge husks on cognitive disorder based on metabolomics and gut microbiota analysis.

An Overview: The Toxicity of *Ageratina adenophora* on Animals and Its Possible Interventions.

AMP deamination is sufficient to replicate an atrophy-like metabolic phenotype in skeletal muscle.

Metabolomics profiling for identification of potential biomarkers in chickens infected with avian leukosis virus subgroup J (ALV-J).

The protein-bound uremic toxin p-cresyl-sulfate promotes intracellular ROS production and lipid peroxidation in 3T3-L1 adipose cells.

Lipid metabolism disorders associated with dioxin exposure in a cohort of Chinese male workers revealed by a comprehensive lipidomics study.

The consequences of altered microbiota in immune-related chronic kidney disease.

Transcriptome-based analysis of blood samples reveals elevation of DNA damage response, neutrophil degranulation, cancer and neurodegenerative pathways in *Plasmodium falciparum* patients.

Evaluation of arsenic species in leukocytes and granulocytes of acute promyelocytic leukemia patients treated with arsenic trioxide.

Metabolite Profiling of Rosemary Cell Lines with Antiproliferative Potential against Human HT-29 Colon Cancer Cells.

The Aryl hydrocarbon receptor mediates reproductive toxicity of polychlorinated biphenyl congener 126 in rats.

Effects of the prenatal environment on cryptorchidism: A narrative review.

Efficient flavinylation of glycosomal fumarate reductase by its own ApbE domain in *Trypanosoma brucei*.

Citrullinated and homocitrullinated low-density lipoprotein in rheumatoid arthritis.

A case of iron deficiency anemia with extremely hyperferritinemia responds well to oral iron: the first identified hereditary hyperferritinemia cataract syndrome in China.

Maternal 3,3-Dimethyl-1-Butanol Therapy Protects Adult Male Rat Offspring against Hypertension Programmed by Perinatal TCDD Exposure.

2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD)-Inducible Poly-ADP-Ribose Polymerase (TIPARP/PARP7) Catalytic Mutant Mice (TiparpH532A) Exhibit Increased Sensitivity to TCDD-Induced Hepatotoxicity and Lethality.

Fenofibrate, a peroxisome proliferator-activated receptor- α agonist, blocks steatosis and alters the inflammatory response in a mouse model of inflammation-dioxin interaction.

Dietary Selenium Deficiency Partially Mimics the Metabolic Effects of Arsenic.

Metabolic signatures in the conversion from gestational diabetes mellitus to postpartum abnormal glucose metabolism: a pilot study in Asian women.

Perspective on prenatal polychlorinated biphenyl exposure and the development of the progeny nervous system (Review).

A molecular signature for the metabolic syndrome by urine metabolomics.

Untargeted metabolomics and transcriptomics identified glutathione metabolism disturbance and PCS and TMAO as potential biomarkers for ER stress in lung.

Circulating p-Cresyl Sulfate, Non-Hepatic Alkaline Phosphatase and Risk of Bone Fracture Events in Chronic Kidney Disease-Mineral Bone Disease.

The microbial metabolite p-Cresol induces autistic-like behaviors in mice by remodeling the gut microbiota.

Surface-Enhanced Raman Spectroscopy of Bacterial Metabolites for Bacterial Growth Monitoring and Diagnosis of Viral Infection.

Oxidative stress inducers potentiate 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated pre-cardiac edema in larval zebrafish.

Intravenous iron is non-inferior to oral iron regarding cell growth and iron metabolism in colorectal cancer associated with iron-deficiency anaemia.

Skeletal myopathy in CKD: a comparison of adenine-induced nephropathy and 5/6 nephrectomy models in mice.

A novel imidazolinone metformin-methylglyoxal metabolite promotes endothelial cell angiogenesis via the eNOS/HIF-1 α pathway.

Effects of 2,4-dichlorophenol exposure on zebrafish: Implications for the sex hormone synthesis.

Iron overload during the embryonic period develops hyperactive like behavior and dysregulation of biogenic amines in *Drosophila melanogaster*.

Chloracne: a case series on cutaneous expression of CYP1A1 as diagnostic biomarker.

Gallic acid ameliorates sodium arsenite-induced renal and hepatic toxicity in rats.

Effect of Polyploidy Induction on Natural Metabolite Production in Medicinal Plants.

Unconjugated p-cresol activates macrophage macropinocytosis leading to increased LDL uptake.

Association between pesticide exposure and obesity: A cross-sectional study of 20,295 farmers in Thailand.

Urinary Volatilomics Unveils a Candidate Biomarker Panel for Noninvasive Detection of Clear Cell Renal Cell Carcinoma.

Gene expression profile analysis and target gene discovery of *Mycobacterium tuberculosis* biofilm.

Regulated hypothermia in response to endotoxin in birds.

Beverages containing *Lactobacillus paracasei* LC-37 improved functional dyspepsia through regulation of the intestinal microbiota and their metabolites.

Prolonged Low-Dose Dioxin Exposure Impairs Metabolic Adaptability to High-Fat Diet Feeding in Female but Not Male Mice.

Inulin supplementation ameliorates hyperuricemia and modulates gut microbiota in Uox-knockout mice.

Thidiazuron suppresses breast cancer via targeting miR-132 and dysregulation of the PI3K-Akt signaling pathway mediated by the miR-202-5p-PTEN axis.

Biochemistry of Terpenes and Recent Advances in Plant Protection.

[Risk factors associated with acute kidney injury caused by pesticide poisoning].

TP53INP1 exerts neuroprotection under ageing and Parkinson's disease-related stress condition.

Identification and prioritization of the potent components for combined exposure of multiple persistent organic pollutants associated with gestational diabetes mellitus.

Exposure to non-persistent pesticides and puberty timing: a systematic review of the epidemiological evidence.

Role of Endocrine-Disrupting Chemicals in the Pathogenesis of Non-Alcoholic Fatty Liver Disease: A Comprehensive Review.

Hard as Iron: A Case of Delayed Presentation of Severe Iron Toxicity With Diagnostic and Treatment Dilemmas.

Pathology of salivary gland dysfunction and restoration of function.

Associations among total p-cresylsulfate, indoxyl sulfate and hippuric acid levels with hemodialysis quality indicators in maintenance hemodialysis patients.

Non-targeted metabolomics analyses by mass spectrometry to explore metabolic stress after six training weeks in high level swimmers.

Postnatal Iron Supplementation with Ferrous Sulfate vs. Ferrous Bis-Glycinate Chelate: Effects on Iron Metabolism, Growth, and Central Nervous System Development in Sprague Dawley Rat Pups.

Dietary Strategies for Management of Metabolic Syndrome: Role of Gut Microbiota Metabolites.

Circulating short and medium chain fatty acids are associated with normoalbuminuria in type 1 diabetes of long duration.

High Serum-Induced AhRL Is Associated with Prevalent Metabolic Syndrome and Future Impairment of Glucose Tolerance in the Elderly.

Attenuation of growth hormone production at the fetal stage is critical for dioxin-induced developmental disorder in rat offspring.

2,4-Dinitrophenol overdose - Everything old is new again.

Role of aryl hydrocarbon receptor (AHR) in overall retinoid metabolism: Response comparisons to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure between wild-type and AHR knockout mice.

Pre- and post-diagnostic blood profiles of chlorinated persistent organic pollutants and metabolic markers in type 2 diabetes mellitus cases and controls; a pilot study.

Regulation of Mitochondrial Function by Epac2 Contributes to Acute Inflammatory Hyperalgesia.

Influences of Selenium-Enriched Yeast on Growth Performance, Immune Function, and Antioxidant Capacity in Weaned Pigs Exposure to Oxidative Stress.

Environmental exposures to endocrine disrupting chemicals (EDCs) and their role in endometriosis: a systematic literature review.

Thrombolome and Its Emerging Role in Chronic Kidney Diseases.

Microbial metabolism of L-tyrosine protects against allergic airway inflammation.

Assessment of fibrotic pathways induced by environmental chemicals using 3D-human liver microtissue model.

Insulin, Not the Preservative m-cresol, Instigates Loss of Infusion Site Patency Over Extended Durations of CSII in Diabetic Swine.

Cenobamate: Neuroprotective Potential of a New Antiepileptic Drug.

The Role of Gut Bacterial Metabolites in Brain Development, Aging and Disease.

Pharmacological inhibition of catalase induces peroxisome leakage and suppression of LPS induced inflammatory response in Raw 264.7 cell.

Carbon nitride nanoparticles as ultrasensitive fluorescent probes for the detection of β -glucosidase activity and inhibitor screening.

Proportionate mortality study of unionized maintenance of way railroad workers.

A Positive Relationship between Exposure to Heavy Metals and Development of Chronic Diseases: A Case Study from Chile.

Predicting changes in renal metabolism after compound exposure with a genome-scale metabolic model.

Potent aneugenicity of 1-methylpyrene in human cells dependent on metabolic activation by endogenous enzymes.

Platinum and zinc oxide modified carbon nitride electrode as non-enzymatic highly selective and reusable electrochemical diabetic sensor in human blood.

Adverse effects of iron deficiency anemia on pregnancy outcome and offspring development and intervention of three iron supplements.

Aryl Hydrocarbon Receptor and Dioxin-Related Health Hazards-Lessons from Yusho.

An enriched biosignature of gut microbiota-dependent metabolites characterizes maternal plasma in a mouse model of fetal alcohol spectrum disorder.

Cardiovascular risk factors associated with coronary ectasia and acute myocardial infarction.

Elucidation of the species differences of epyrifenacil-induced hepatotoxicity between mice and humans by mass spectrometry imaging analysis in chimeric mice with humanized liver.

Protein-Bound Uremic Toxins and Immunity.

Reno-Hepatoprotective and Antidiabetic Properties of Methanol Leaf Extract of *Laportea Aestuans* in Wistar Rats.

Why is the Incidence of Type 1 Diabetes Increasing?

Amniotic fluid metabolic fingerprinting indicated metabolites which may play a role in the pathogenesis of foetal Down syndrome - a preliminary report.

Arsenic metabolism differs between child and adult patients during acute arsenic poisoning.

Forensic taphonomy: Characterization of the gravesoil chemistry using a multivariate approach combining chemical and volatile analyses.

Pesticide exposure and incident thyroid cancer among male pesticide applicators in agricultural health study.

Prenatal exposure to glycol ethers and visual contrast sensitivity in 6-year-old children in the PELAGIE mother-child cohort.

Hypusination of Eif5a regulates cytoplasmic TDP-43 aggregation and accumulation in a stress-induced cellular model.

Association of urinary chlorophenols with central obesity in Korean girls.

Single-Nuclei RNA Sequencing Assessment of the Hepatic Effects of 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Exposure to pollutants altered glucocorticoid signaling and clock gene expression in female mice. Evidence of tissue- and sex-specificity.

Phytotoxic metabolites produced by Diaporthe eres involved in cane blight of grapevine in Italy.

Co-metabolic biodegradation of 4-chlorophenol by photosynthetic bacteria.

Differences in exposure to toxic and/or carcinogenic volatile organic compounds between Black and White cigarette smokers.

An update of the Worldwide Integrated Assessment (WIA) on systemic insecticides. Part 1: new molecules, metabolism, fate, and transport.

Co-exposure to nTiO₂ impairs arsenic metabolism and affects antioxidant capacity in the marine shrimp *Litopenaeus vannamei*.

Sex-specific Associations Between Type 2 Diabetes Incidence and Exposure to Dioxin and Dioxin-like Pollutants: A Meta-analysis.

A Glyphosate-Based Herbicide in Soil Differentially Affects Hormonal Homeostasis and Performance of Non-target Crop Plants.

Vegan Diet Is Associated With Favorable Effects on the Metabolic Performance of Intestinal Microbiota: A Cross-Sectional Multi-Omics Study.

Evidence-Based Challenges to the Continued Recommendation and Use of Peroxidatively-Susceptible Polyunsaturated Fatty Acid-Rich Culinary Oils for High-Temperature Frying Practises: Experimental Revelations Focused on Toxic Aldehydic Lipid Oxidation Products.

Associations Between Residential Exposure to Volatile Organic Compounds and Liver Injury Markers.

Forming 4-Methylcatechol as the Dominant Bioavailable Metabolite of Intraruminal Rutin Inhibits p-Cresol Production in Dairy Cows.

Profiling of co-metabolic degradation of tetracycline by the bio-cathode in microbial fuel cells.

Somatic Embryo Yield and Quality From Norway Spruce Embryogenic Tissue Proliferated in Suspension Culture.

Overexpression of CERKL Protects Retinal Pigment Epithelium Mitochondria from Oxidative Stress Effects.

Yeast β -Glucan Altered Intestinal Microbiome and Metabolome in Older Hens.

Dietary supplements consumption and its association with socioeconomic factors, obesity and main non-communicable chronic diseases in the north of Iran: the PERSIAN Guilan Cohort Study (PGCS).

Protracted Impairment of Maternal Metabolic Health in Mouse Dams Following Pregnancy Exposure to a Mixture of Low Dose Endocrine-Disrupting Chemicals, a Pilot Study.

Proteomics and metabolic phenotyping define principal roles for the aryl hydrocarbon receptor in mouse liver.

The Improvement of the Adaptation Process of Tocopherol and Acetylsalicylic Acid in Offspring of Mothers Exposed to TCDD.

Miniaturized multiresidue method for determination of 267 pesticides, their metabolites and polychlorinated biphenyls in low mass bee bread samples by liquid and gas chromatography coupled with tandem mass spectrometry.

In vitro metabolism of tebuconazole, flurtamone, fenhexamid, metalaxyl-M and spirotolifen in *Cannabis sativa* L. (hemp) callus cultures.

Protective Effect of Dictyophora Polysaccharides on Sodium Arsenite-Induced Hepatotoxicity: A Proteomics Study.

Chronic Dietary Exposure of Roosters to a Glyphosate-Based Herbicide Increases Seminal Plasma Glyphosate and AMPA Concentrations, Alters Sperm Parameters, and Induces Metabolic Disorders in the Progeny.

Comparative hepatotoxicity of a herbicide, epyrifenacil, in humans and rodents by comparing the dynamics and kinetics of its causal metabolite.

Formation of Cytoplasmic Actin-Cofilin Rods is Triggered by Metabolic Stress and Changes in Cellular pH.

Urinary metabolites of multiple volatile organic compounds among general population in Wuhan, central China: Inter-day reproducibility, seasonal difference, and their associations with oxidative stress biomarkers.

A novel dominant selection system for plant transgenics based on phosphite metabolism catalyzed by bacterial alkaline phosphatase.

Stepwise increase of thaxtomins production in *Streptomyces albidoflavus* J1074 through combinatorial metabolic engineering.

A mixture of 15 phthalates and pesticides below individual chemical no observed adverse effect levels (NOAELs) produces reproductive tract malformations in the male rat.

Effects of Acute 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Exposure on the Circulating and Cecal Metabolome Profile.

Arnica montana Cell Culture Establishment, and Assessment of Its Cytotoxic, Antibacterial, α -Amylase Inhibitor, and Antioxidant In Vitro Bioactivities.

BiG-MAP: an Automated Pipeline To Profile Metabolic Gene Cluster Abundance and Expression in Microbiomes.

The Role of Bacterial-Derived Aromatic Amino Acids Metabolites Relevant in Autism Spectrum Disorders: A Comprehensive Review.

Residues of Reduced Herbicides Terbutylazine, Ametryn, and Atrazine and Toxicology to Maize and the Environment through Salicylic Acid.

Earthworms accelerated the degradation of the highly toxic acetochlor S-enantiomer by stimulating soil microbiota in repeatedly treated soils.

Catalytic promiscuity of rice 2-oxoglutarate/Fe(II)-dependent dioxygenases supports xenobiotic metabolism.

REPRODUCTIVE TOXICOLOGY: Impact of endocrine disruptors on neurons expressing GnRH or kisspeptin and pituitary gonadotropins.

Transcriptomic evaluation on methyl bromide-induced phytotoxicity in *Arabidopsis thaliana* and its mode of phytotoxic action via the occurrence of reactive oxygen species and uneven distribution of auxin hormones.

The correlation between the level of 3-hydroxypropyl mercapturic acid, CYP2B6 polymorphisms, and hematuria occurrences after cyclophosphamide administration and its bioanalytical methods: A systematic review.

Low-Dose Cyclophosphamide Induces Nerve Injury and Functional Overactivity in the Urinary Bladder of Rats.

Metabolic programming of *Rhododendron chrysanthum* leaves following exposure to UVB irradiation.

Absence of prostacyclin greatly relieves cyclophosphamide-induced cystitis and bladder pain in mice.

Bone toxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and the retinoid system: A causality analysis anchored in osteoblast gene expression and mouse data.

Exposure impacts of Imazapyr formulation on larval development and thyroid histology of *Xenopus laevis*.

ABA signalling promotes cell totipotency in the shoot apex of germinating embryos.

In-vessel composting of HMX and RDX contaminated sludge using microbes isolated from contaminated site.

The use of biomarkers associated with leaky gut as a diagnostic tool for early intervention in autism spectrum disorder: a systematic review.

Bioherbicidal Activity and Metabolic Profiling of Potent Allelopathic Plant Fractions Against Major Weeds of Wheat-Way Forward to Lower the Risk of Synthetic Herbicides.

Cimicifuga racemosa Extract Ze 450 Re-Balances Energy Metabolism and Promotes Longevity.

Impacts of Decaying Aromatic Plants on the Soil Microbial Community and on Tomato Seedling Growth and Metabolism: Suppression or Stimulation?

ROCK1 Mediates Retinal Glial Cell Migration Promoted by Acrolein.

Simultaneous Enantiomeric Separation of Carfentrazone-Ethyl Herbicide and Its Hydrolysis Metabolite Carfentrazone by Cyclodextrin Electrokinetic Chromatography. Analysis of Agrochemical Products and a Degradation Study.

[Toxic effects of sublethal acetochlor with sublethal doses on earthworms in soil using multi-endpoints system].

GDNF requires HIF-1 α and RET activation for suppression of programmed cell death of enteric neurons by metabolic challenge.

Xenopus laevis tadpoles exposed to metamifop: Changes in growth, behavioral endpoints, neurotransmitters, antioxidant system and thyroid development.

Effect of Dietary Inulin Supplementation on the Gut Microbiota Composition and Derived Metabolites of Individuals Undergoing Hemodialysis: A Pilot Study.

Acclimation to cold stress reduces injury from low temperature and bispyribac-sodium on rice.

3-Hydroxypropionic acid contributes to the antibacterial activity of glycerol metabolism by the food microbe *Limosilactobacillus reuteri*.

Endocrine disrupting chemicals and bone.

Mechanisms of Neurotoxicity Associated with Exposure to the Herbicide Atrazine.

Impact of broad-spectrum pesticides used in the agricultural and forestry sector on the pesticide profile in wild boar, roe deer and deer and risk assessment for venison consumers.

Cutaneous Effects of In Utero and Lactational Exposure of C57BL/6J Mice to 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Growth, secondary metabolite production, and in vitro antiplasmodial activity of *Sonchus arvensis* L. callus under dolomite [CaMg(CO₃)₂] treatment.

The flavin monooxygenase Bs3 triggers cell death in plants, impairs growth in yeast and produces H₂O₂ in vitro.

Intakes of Fish and Long-chain n-3 Polyunsaturated Fatty Acid Supplements During Pregnancy and Subsequent Risk of Type 2 Diabetes in a Large Prospective Cohort Study of Norwegian Women.

Impact of Estrogen Withdrawal and Replacement in Female Mice along the Intestinal Tract. Comparison of E2 Replacement with the Effect of a Mixture of Low Dose Pollutants.

Characterization of human sulfotransferases catalyzing the formation of p-cresol sulfate and identification of mefenamic acid as a potent metabolism inhibitor and potential therapeutic agent for detoxification.

Insight into metabolism pathways of pesticide fomesafen in rice: Reducing cropping and environmental risks.

Predictive Biomarkers of Intensive Care Unit and Mechanical Ventilation Duration in Critically-Ill Coronavirus Disease 2019 Patients.

Effects of sublethal concentration of metamifop on hepatic lipid metabolism in adult zebrafish (*Danio rerio*).

Induction of *Catharanthus roseus* Secondary Metabolites When *Calotropis procera* Was Used as Bio-Stimulant.

Microbial Diversity and Metabolite Profile of Fermenting Millet in the Production of Hausa koko, a Ghanaian Fermented Cereal Porridge.

Mechanistic Investigation of Xuebijing for Treatment of Paraquat-Induced Pulmonary Fibrosis by Metabolomics and Network Pharmacology.

Thioesterase induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin results in a futile cycle that inhibits hepatic β -oxidation.

Potential secondary metabolite from Indonesian Actinobacteria (InaCC A758) against *Mycobacterium tuberculosis*.

Bioassays to screen the toxicity in drinking water samples collected in Brazilian rural area.

Unraveling the metabolic network of organic acids in solid-state fermentation of Chinese cereal vinegar.

Comparison of the *in vitro* assays to investigate the hepatic metabolism of seven pesticides in *Cyprinus carpio* and *Oncorhynchus mykiss*.

Fine particulate matter air pollution and aortic perivascular adipose tissue: Oxidative stress, leptin, and vascular dysfunction.

Arc1 and the microbiota together modulate growth and metabolic traits in *Drosophila*.

Age and sex modify cellular proliferation responses to oxidative stress and glucocorticoid challenges in baboon cells.

Personal exposure assessment of pesticides in residents: The association between hand wipes and urinary biomarkers.

Characterisation of (anti-)progestogenic and (anti-)androgenic activities in surface and wastewater using high resolution effectdirected analysis.

Arsenic-induced uterine apoptotic damage is protected by ethyl acetate fraction of *Camellia sinensis* (green tea) via Bcl-2-BAX through NF- κ B regulations in Wistar rats.

Methylene blue can act as an antidote to pesticide poisoning of bumble bee mitochondria.

Independent and combined associations of urinary heavy metals exposure and serum sex hormones among adults in NHANES 2013-2016.

Metabolic process and spatial partition dynamics of Atrazine in an estuary-to-bay system, Jiaozhou bay.

Resveratrol Attenuates Diquat-Induced Oxidative Stress by Regulating Gut Microbiota and Metabolome Characteristics in Piglets.

Conserved Metabolic and Evolutionary Themes in Microbial Degradation of Carbamate Pesticides.

Determination of Pendimethalin Dynamic Residual Distribution in Crucian Carp Tissues and Associated Risk Assessment.

Metabolic profile of main organic acids and its regulatory mechanism in solid-state fermentation of Chinese cereal vinegar.

Predicting consequences of POP-induced disruption of blubber glucose uptake, mass gain rate and thyroid hormone levels for weaning mass in grey seal pups.

Hair versus urine for the biomonitoring of pesticide exposure: Results from a pilot cohort study on pregnant women.

TCDD induced lipid accumulation by impairment of autophagic flux in THP-1 macrophages.

Advancing continuous subcutaneous insulin infusion in vivo: New insights into tissue challenges.

Protective and therapeutic effect of hydrogen sulfide on hemorrhagic cystitis and testis dysfunction induced with cyclophosphamide.

Pesticide-induced multigenerational effects on amphibian reproduction and metabolism.

Herbicides Tolerance in a Pseudomonas Strain Is Associated With Metabolic Plasticity of Antioxidative Enzymes Regardless of Selection.

In Vitro Selection of Probiotics, Prebiotics, and Antioxidants to Develop an Innovative Synbiotic (NatuREN G) and Testing Its Effect in Reducing Uremic Toxins in Fecal Batches from CKD Patients.

Effects of p-Cresol on Oxidative Stress, Glutathione Depletion, and Necrosis in HepaRG Cells: Comparisons to Other Uremic Toxins and the Role of p-Cresol Glucuronide Formation.

Assessment of the in vivo genotoxicity of pendimethalin via mitochondrial bioenergetics and transcriptional profiles during embryogenesis in zebrafish: Implication of electron transport chain activity and developmental defects.

Impacts of type II toxin-antitoxin systems on cell physiology and environmental behavior in acetic acid bacteria.

Endocrine, metabolic and apical effects of in utero and lactational exposure to non-dioxin-like 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180): A postnatal follow-up study in rats.

Mitochondrial activities play a pivotal role in regulating cell cycle in response to doxorubicin.

Pharmacokinetics of 2-phenoxyethanol and its major metabolite, phenoxyacetic acid, after dermal and inhaled routes of exposure: application to development PBPK model in rats.

Antibiotic exposure decreases soil arsenic oral bioavailability in mice by disrupting ileal microbiota and metabolic profile.

Phytotoxic property of metabolites isolated from *Garcinia gardneriana*.

Xanthohumol prolongs lifespan and decreases stress-induced mortality in *Drosophila melanogaster*.

Changes induced by chronic exposure to high arsenic concentrations in the intestine and its microenvironment.

Genetics-Based Approach to Identify Novel Genes Regulated by the Aryl Hydrocarbon Receptor in Mouse Liver.

Multiple persistent organic pollutants in mothers' breastmilk: Implications for infant dietary exposure and maternal thyroid hormone homeostasis in Uganda, East Africa.

Ablation of Selenbp1 Alters Lipid Metabolism via the Ppar β Pathway in Mouse Kidney.

Role of Fucoïdan on the Growth Behavior and Blood Metabolites and Toxic Effects of Atrazine in Nile Tilapia *Oreochromis niloticus* (Linnaeus, 1758).

Assessing Vesicular Monoamine Transport and Toxicity Using Fluorescent False Neurotransmitters.

Hormones induce the metabolic growth and cytotoxin production of *Microcystis aeruginosa* under terpinolene stress.

Glyphosate, aminomethylphosphonic acid, and glufosinate ammonium in agricultural groundwater and surface water in China from 2017 to 2018: Occurrence, main drivers, and environmental risk assessment.

Hidroxiacetone Counteracts Cyclophosphamide-Induced Male Infertility through NRF2 Pathways in a Mouse Model.

Side Effects of Pesticides and Metabolites in Groundwater: Impact on Denitrification.

Functional regulation of an outer retina hyporeflexive band on optical coherence tomography images.

Comparative Evaluation of Microbiota Dynamics and Metabolites Correlation Between Spontaneous and Inoculated Fermentations of Nanfeng Tangerine Wine.

Predicted Metabolic Function of the Gut Microbiota of *Drosophila melanogaster*.

Disruption of the Diurnal Cortisol Hormone Pattern by Pesticide Use in a Longitudinal Study of Farmers in Thailand.

Removal of the fishy malodor from *Bangia fusco-purpurea* via fermentation of *Saccharomyces cerevisiae*, *Acetobacter pasteurianus*, and *Lactobacillus plantarum*.

Simultaneous determination and dietary risk assessment of clethodim and its metabolites in different fruits and vegetables.

2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure disrupts development of the visceral and ocular vasculature.

Urinary arsenic species and methylation efficiency during pregnancy: Concentrations and associated factors in Spanish pregnant women.

Metabolic network of ammonium in cereal vinegar solid-state fermentation and its response to acid stress.

An Antifungal Polycyclic Tetramate Macrolactam, Heat-Stable Antifungal Factor (HSAF), Is a Novel Oxidative Stress Modulator in *Lysobacter enzymogenes*.

Comparison of Pancreatic Damage in Rats for Two Methods of Paraquat Administration.

Combined toxic effects of dioxin-like PCB77 with Fe-based nanoparticles in earthworm *Eisenia fetida*.

Structure-Activity Relationship Investigation on Reaction Mechanism between Chlorinated Quinoid Carcinogens and Clinically-Used Aldoxime Nerve-Agent Antidote under Physiological Condition.

Uremic Toxins in Organ Crosstalk.

The effect of *Ulva lactuca* and *Sargassum hemiphyllum* var. *chinense* on arsenic metabolites and enzymes in broilers.

Strategies for Enhancing in vitro Degradation of Linuron by *Variovorax* sp. Strain SRS 16 Under the Guidance of Metabolic Modeling.

Chronic pesticide exposure elicits a subtle carry-over effect on the metabolome of *Aurelia coerulea* ephyrae.

Flexibility of equine bioenergetics and muscle plasticity in response to different types of training: An integrative approach, questioning existing paradigms.

Mentha pulegium L.: A Plant Underestimated for Its Toxicity to Be Recovered from the Perspective of the Circular Economy.

Ethanol extract of *Vitellaria paradoxa* (Gaertn, F) leaves protects against sodium arsenite - induced toxicity in male wistar rats.

Paraquat poisoning in Andaman and Nicobar Islands - Government must intervene.

Point Mutations as Main Resistance Mechanism Together With P450-Based Metabolism Confer Broad Resistance to Different ALS-Inhibiting Herbicides in *Glebionis coronaria* From Tunisia.

In vitro and in vivo digestion of red cured cooked meat: oxidation, intestinal microbiota and fecal metabolites.

Self-referencing optical fiber pH sensor for marine microenvironments.

Physical activity, body mass index and arsenic metabolism among Mexican women.

Toxicokinetic analysis of commonly used pesticides using data on acute poisoning cases from Hyderabad, South India.

Effects of different hormonal treatments on growth parameters and secondary metabolite production in organ culture of *Hyssopus officinalis* L.

Impact of multigenerational exposure to AgNO₃ or NM300K Ag NPs on antioxidant defense and oxidative stress in *Caenorhabditis elegans*.

Adaptation of *Dinoroseobacter shibae* to oxidative stress and the specific role of RirA.

Direct and Indirect Somatic Embryogenesis Induction in *Camellia oleifera* Abel.

Regulatory groundwater monitoring: Realistic residues of pinoxaden and metabolites at vulnerable locations.

Lung Metabolomics Profiling of Congenital Diaphragmatic Hernia in Fetal Rats.

Gas chromatography-mass spectrometry-based metabolomics analysis of metabolites in commercial and inoculated pickles.

Reproductive Toxicity of 3,4-dichloroaniline (3,4-DCA) on Javanese Medaka (*Oryzias javanicus*, Bleeker 1854).

Adenosine Receptor and Its Downstream Targets, Mod(mdg4) and Hsp70, Work as a Signaling Pathway Modulating Cytotoxic Damage in *Drosophila*.

Immune and Nervous Systems Interaction in Endocrine Disruptors Toxicity: The Case of Atrazine.

Primary hepatocytes isolated from human and porcine donors display similar patterns of cytochrome p450 expression following exposure to prototypical activators of AhR, CAR and PXR.

Computational study on the metabolic activation mechanism of PeCDD by Cytochrome P450 1A1.

Sodium arsenite induces spatial learning and memory impairment associated with oxidative stress and activates the Nrf2/PPAR γ pathway against oxidative injury in mice hippocampus.

Occupational use of agrochemicals results in inhibited cholinesterase activity and altered reproductive hormone levels in male farmers from Buea, Cameroon.

Impact of manipulation of glycerol/diol dehydratase activity on intestinal microbiota ecology and metabolism.

Oxidative testicular injury: effect of L-leucine on redox, cholinergic and purinergic dysfunctions, and dysregulated metabolic pathways.

New sample preparation method to analyse 15 specific and non-specific pesticide metabolites in human urine using LC-MS/MS.

Effect of uncouplers of oxidative phosphorylation on metabolism of propionate in liver explants from dairy cows.

Acetobacter orientalis XJC-C with a high lignocellulosic biomass-degrading ability improves significantly composting efficiency of banana residues by increasing metabolic activity and functional diversity of bacterial community.

Effects of 2,4,6-trichlorophenol and its intermediates on acute toxicity of sludge from wastewater treatment and functional gene expression.

Smoke Chemistry, In Vitro Cytotoxicity, and Genotoxicity Demonstrates Enhanced Toxicity of Cigarillos Compared With Cigarettes.

Enantioselective effects of imazethapyr on the secondary metabolites and nutritional value of wheat seedlings.

Endocrine Disruptor Potential of Short- and Long-Chain Perfluoroalkyl Substances (PFASs)-A Synthesis of Current Knowledge with Proposal of Molecular Mechanism.

Proteomics Reveals Octyl Gallate as an Environmentally Friendly Wood Preservative Leading to Reactive Oxygen Species-Driven Metabolic Inflexibility and Growth Inhibition in White-Rot Fungi (*Lenzites betulina* and *Trametes versicolor*).

Extended suspect screening to identify contaminants of emerging concern in riverine and coastal ecosystems and assessment of environmental risks.

Importance of monitoring arsenic methylation metabolism in acute promyelocytic leukemia patients receiving the treatment of arsenic trioxide.

Convergent evolution of plant specialized 1,4-naphthoquinones: metabolism, trafficking, and resistance to their allelopathic effects.

Isolation and characterization of arsenic-binding siderophores from *Rhodococcus erythropolis* S43: role of heterobactin B and other heterobactin variants.

A targeted ultra performance liquid chromatography - Tandem mass spectrometric assay for tyrosine and metabolites in urine and plasma: Application to the effects of antibiotics on mice.

The insulin-like growth factor system: A target for endocrine disruptors?

Selective beta-cell toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin on isolated pancreatic islets.

Fungal diversity and metabolomic profiles in GM and isogenic non-GM maize cultivars from Brazil.

Lipidomics reveals multiple stressor effects (temperature and mitochondrial toxicant) in the zebrafish embryo toxicity test.

Tetrachlorobenzoquinone exposure triggers ferroptosis contributing to its neurotoxicity.

UHPLC/GC-TOF-MS metabolomics, MTT assay, and molecular docking studies reveal physostigmine as a new anticancer agent from the ethyl acetate and butanol fractions of *Kigelia africana* (Lam.) Benth. fruit extracts.

Cyclophosphamide arrhythmogenicity testing using human-induced pluripotent stem cell-derived cardiomyocytes.

Simultaneous Determination of Multiple Reactive Carbonyl Species in High Fat Diet-Induced Metabolic Disordered Mice and the Inhibitory Effects of Rosemary on Carbonyl Stress.

Targeted Metabolomics Identifies Plasma Biomarkers in Mice with Metabolically Heterogeneous Melanoma Xenografts.

Arsenic-induced HER2 promotes proliferation, migration and angiogenesis of bladder epithelial cells via activation of multiple signaling pathways in vitro and in vivo.

Acute Changes in Thyroid Hormone Levels among Thai Pesticide Sprayers.

Identification of molecular toxicity pathways across early life-stages of zebrafish exposed to PCB126 using a whole transcriptomics approach.

PCB153 reduces apoptosis in primary cultures of murine pituitary cells through the activation of NF- κ B mediated by PI3K/Akt.

Oxidative Stress and Lipid Mediators Modulate Immune Cell Functions in Autoimmune Diseases.

Antagonistic Interaction between Phosphinothricin and Nepeta rtanjensis Essential Oil Affected Ammonium Metabolism and Antioxidant Defense of Arabidopsis Grown In Vitro.

Lysosomal SLC46A3 modulates hepatic cytosolic copper homeostasis.

Acrolein and other toxicant exposures in relation to cardiovascular disease among marijuana and tobacco smokers in a longitudinal cohort of HIV-positive and negative adults.

Genome Sequence of Acetobacter tropicalis DmPark25_167, a Bacterium Isolated from a Drosophila melanogaster Genetic Model of Parkinson's Disease.

Disturbances in Microbial and Metabolic Communication across the Gut-Liver Axis Induced by a Dioxin-like Pollutant: An Integrated Metagenomics and Metabolomics Analysis.

Chlorogenic acid abates male reproductive dysfunction in arsenic-exposed mice via attenuation of testicular oxido-inflammatory stress and apoptotic responses.

[Risks associated with the consumption of inorganic and organic arsenic].

Endocrine disrupting chemicals and reproductive disorders in women, men, and animal models.

Identification of odor biomarkers in irradiation injury urine based on headspace SPME-GC-MS.

Live Cell Imaging Using Riboswitch-Spinach tRNA Fusions as Metabolite-Sensing Fluorescent Biosensors.

Oleuropein attenuates the 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-perturbing effects on pancreatic β -cells.

Cruciferous vegetables (Brassica oleracea) confer cytoprotective effects in Drosophila intestines.

Short-term metabolic disruptions in urine of mouse models following exposure to low doses of oxygen ion radiation.

Renal tubular injury induced by glyphosate combined with hard water: the role of cytosolic phospholipase A2.

Neurophysiological and behavioral responses of blacklegged ticks to host odors.

Associations of PCBs, dioxins and furans with follicle-stimulating hormone and luteinizing hormone in postmenopausal women: National Health and Nutrition Examination Survey 1999-2002.

Fish consumption is an indicator of exposure to non-dioxin like polychlorinated biphenyls in cumulative risk assessments based on a probabilistic and sensitive approach.

Transgenerational disease specific epigenetic sperm biomarkers after ancestral exposure to dioxin.

Roundup causes embryonic development failure and alters metabolic pathways and gut microbiota functionality in non-target species.

Non-targeted metabolomic profiling of atrazine in *Caenorhabditis elegans* using UHPLC-QE Orbitrap/MS.

Integrated proteomics, metabolomics and physiological analyses for dissecting the toxic effects of halosulfuron-methyl on soybean seedlings (*Glycine max merr.*).

The impact and toxicity of glyphosate and glyphosate-based herbicides on health and immunity.

Exposure to the herbicide 2,4-dichlorophenoxyacetic acid impairs mitochondrial function, oxidative status, and behavior in adult zebrafish.

Mucosal-associated invariant T-Cell (MAIT) activation is altered by chlorpyrifos- and glyphosate-treated commensal gut bacteria.

Neuroprotective Metabolites from Vietnamese Marine Derived Fungi of *Aspergillus* and *Penicillium* Genera.

Chronic Atrazine Exposure Beginning Prenatally Impacts Liver Function and Sperm Concentration With Multi-Generational Consequences in Mice.

The glyphosate formulation Roundup® LB plus influences the global metabolome of pig gut microbiota in vitro.

Acrolein: A Potential Mediator of Oxidative Damage in Diabetic Retinopathy.

Transcriptomic and metabolomic landscape of the molecular effects of glyphosate commercial formulation on *Apis mellifera ligustica* and *Apis cerana cerana*.

lanostane Triterpenoid Metabolites from a *Penares* sp. Marine Sponge Protect Neuro-2a Cells against Paraquat Neurotoxicity.

Spn modulates lipid droplet content in adult *Drosophila* glial cells and protects against paraquat toxicity.

Piperine-Coated Gold Nanoparticles Alleviate Paraquat-Induced Neurotoxicity in *Drosophila melanogaster*.

Quantitative in Vitro to in Vivo Extrapolation (QIVIVE) for Predicting Reduced Anogenital Distance Produced by Anti-Androgenic Pesticides in a Rodent Model for Male Reproductive Disorders.

Reduction by, ligand exchange among, and covalent binding to glutathione and cellular thiols link metabolism and disposition of dietary arsenic species with toxicity.

Aminomethylphosphonic acid alters amphibian embryonic development at environmental concentrations.

High throughput deep sequencing elucidates the important role of lncRNAs in Foxtail millet response to herbicides.

Octreotide alleviates pancreatic damage caused by paraquat in rats by reducing inflammatory responses and oxidative stress.

Toxicological impacts of herbicide paraquat dichloride on histological profile (gills, liver, and kidney) of freshwater fish *Channa punctatus* (Bloch).

Herbicide Glyphosate: Toxicity and Microbial Degradation.

Mixtures of an insecticide, a fungicide and a herbicide induce high toxicities and systemic physiological disturbances in winter *Apis mellifera* honey bees.

Aqueous Bark Extract of *Ceiba speciosa* (A. St.-Hill) Ravenna Protects against Glucose Toxicity in *Caenorhabditis elegans*.

Degradation of the Organochlorinated Herbicide Diuron by Rainforest Basidiomycetes.

Toxicities of Neonicotinoid-Containing Pesticide Mixtures on Nontarget Organisms.

Transcriptome analysis of *Panax vannamei* hepatopancreas reveals differences in toxicity mechanisms between phoxim and prometryne.

Insecticidal activity and mechanism of cinnamaldehyde in *C. elegans*.

Neonatal exposure to a glyphosate-based herbicide alters the uterine differentiation of prepubertal ewe lambs.

Invasive species versus pollutants: Potential of *Limnoperna fortunei* to degrade glyphosate-based commercial formulations.

Perinatal exposure to glyphosate or a glyphosate-based formulation disrupts hormonal and uterine milieu during the receptive state in rats.

Ovarian mitochondrial and oxidative stress proteins are altered by glyphosate exposure in mice.

Determination of arsenicals in mouse tissues after simulated exposure to arsenic from rice for sixteen weeks and the effects on histopathological features.

Cross-Taxa Distinctions in Mechanisms of Developmental Effects for Aquatic Species Exposed to Trifluralin.

Polyps of the Jellyfish *Aurelia aurita* Are Unaffected by Chronic Exposure to a Combination of Pesticides.

Orthotopic foetal lung tissue direct injection into lung showed a preventive effect against paraquat-induced acute lung injury in mice.

AhR-activating pesticides increase the bovine ABCG2 efflux activity in MDCKII-bABCG2 cells.

Effect of zinc supplementation on chronic hepatorenal toxicity following oral exposure to glyphosate-based herbicide (Bushfire[®]) in rats.

Does pendimethalin develop in pancreatic cancer induced inflammation?

Toxicity of diuron metabolites in human cells.

The selected epigenetic effects of aminomethylphosphonic acid, a primary metabolite of glyphosate on human peripheral blood mononuclear cells (in vitro).

A Geometric Clustering Tool (AGCT) to robustly unravel the inner cluster structures of time-series gene expressions.

Changes in thyroid hormone levels and related gene expressions in embryo-larval zebrafish exposed to binary combinations of bifenthrin and acetochlor.

Long-term effects of in ovo exposure to an environmentally relevant dose of atrazine on the thyroid gland of *Caiman latirostris*.

The enantioselective enrichment, metabolism, and toxicity of fenoxaprop-ethyl and its metabolites in zebrafish.

Embryotoxicity of atrazine and its degradation products to early life stages of zebrafish (*Danio rerio*).

Control of the neuroprotective Lipocalin Apolipoprotein D expression by alternative promoter regions and differentially expressed mRNA 5' UTR variants.

Agrochemicals and neurogenesis.

Emerging contaminants in water used for maize irrigation: Economic and food safety losses associated with ciprofloxacin and glyphosate.

Osteonecrosis of Femoral Head, An Overlooked Long-Term Complication after Paraquat Intoxication: A Retrospective Cohort Study.

Exposure to a Glyphosate-based Herbicide Alters the Expression of Key Regulators of Mammary Gland Development on Pre-pubertal Male Rats.

Glyphosate Induces Metaphase II Oocyte Deterioration and Embryo Damage by Zinc Depletion and Overproduction of Reactive Oxygen Species.

Exposure to inorganic arsenic and its methylated metabolites alters metabolomics profiles in INS-1 832/13 insulinoma cells and isolated pancreatic islets.

Titanium dioxide nanoparticles enhanced thyroid endocrine disruption of pentachlorophenol rather than neurobehavioral defects in zebrafish larvae.

Cytogenotoxic effect of propanil using the *Lens culinaris* Med and *Allium cepa* L test.

Identification of chromosomes in *Triticum aestivum* possessing genes that confer tolerance to the synthetic auxin herbicide haloxyfop-methyl.

Maternal glyphosate exposure causes autism-like behaviors in offspring through increased expression of soluble epoxide hydrolase.

Relationship between agrochemical compounds and mammary gland development and breast cancer.

Transgenerational epigenetic effects from male exposure to endocrine-disrupting compounds: a systematic review on research in mammals.

Prenatal exposure to glufosinate ammonium disturbs gut microbiome and induces behavioral abnormalities in mice.

Environmental Pollution, Oxidative Stress and Thioretinaco Ozonide: Effects of Glyphosate, Fluoride and Electromagnetic Fields on Mitochondrial Dysfunction in Carcinogenesis, Atherogenesis and Aging.

Comparison of the effects of resveratrol and its derivative pterostilbene on hepatic oxidative stress and mitochondrial dysfunction in piglets challenged with diquat.

Acrolein contributes to urothelial carcinomas in patients with chronic kidney disease.

Lipids, proteins and extracellular metabolites of *Trichoderma harzianum* modifications caused by 2,4-dichlorophenoxyacetic acid as a plant growth stimulator.

Effects of fertilization on the triafamone photodegradation in aqueous solution: Kinetic, identification of photoproducts and degradation pathway.

Reproductive cycle progression arrest and modification of cell morphology (shape and biovolume) in the alga *Pseudokirchneriella subcapitata* exposed to metolachlor.

Understanding the influence of glyphosate on the structure and function of freshwater microbial community in a microcosm.

Sub-chronic exposure to Kalach 360 SL, Glyphosate-based Herbicide, induced bone rarefaction in female Wistar rats.

Effects of parental exposure to glyphosate-based herbicides on embryonic development and oxidative status: a long-term experiment in a bird model.

Environmentally relevant mixture of S-metolachlor and its two metabolites affects thyroid metabolism in zebrafish embryos.

Postnatal zinc or paraquat administration increases paraquat or zinc-induced loss of dopaminergic neurons: insight into augmented neurodegeneration.

Distinct m(6)A methylome profiles in poly(A) RNA from *Xenopus laevis* testis and that treated with atrazine.

Transgenerational disrupting impacts of atrazine in zebrafish: Beneficial effects of dietary spirulina.

Metabolic profiles in the course of the shikimic acid pathway of *Raphanus sativus* var. *longipinnatus* exposed to mesotrione and its degradation products.

Glyphosate-based herbicide exposure during pregnancy and lactation malprograms the male reproductive morphofunction in F1 offspring.

Where ferroptosis inhibitors and paraquat detoxification mechanisms intersect, exploring possible treatment strategies.

Effect of Plant Growth Regulators on Coloured Callus Formation and Accumulation of Azadirachtin, an Essential Biopesticide in *Azadirachta indica*.

Hyperamylasemia as an early predictor of mortality in patients with acute paraquat poisoning.

Transcriptome profiling of the fungus *Aspergillus nidulans* exposed to a commercial glyphosate-based herbicide under conditions of apparent herbicide tolerance.

Dimethylarsinic acid (DMA) enhanced lung carcinogenesis via histone H3K9 modification in a transplacental mouse model.

Dipteryx alata, a tree native to the Brazilian Cerrado, is sensitive to the herbicide nicosulfuron.

Light and temperature influence on diuron bioaccumulation and toxicity in biofilms.

Association of urinary metabolites of organophosphate and pyrethroid insecticides, and phenoxy herbicides with endometriosis.

Modulation of antioxidant gene expressions by Roundup® exposure in the decapod *Macrobrachium potiana*.

The effects of glyphosate and AMPA on the mediterranean mussel *Mytilus galloprovincialis* and its microbiota.

Quantification of selected aroma compounds in e-cigarette products and toxicity evaluation in HUVEC/Tert2 cells.

Glyphosate affects methylation in the promoter regions of selected tumor suppressors as well as expression of major cell cycle and apoptosis drivers in PBMCs (in vitro study).

Effects of glyphosate exposure on human health: Insights from epidemiological and in vitro studies.

Glyphosate-based herbicide impairs energy metabolism and increases autophagy in C6 astrogloma cell line.

Uric acid induces stress resistance and extends the life span through activating the stress response factor DAF-16/FOXO and SKN-1/NRF2.

A comprehensive analysis of the animal carcinogenicity data for glyphosate from chronic exposure rodent carcinogenicity studies.

Changes in Microbiome Confer Multigenerational Host Resistance after Sub-toxic Pesticide Exposure.

Glyphosate-based herbicide induces hyperplastic ducts in the mammary gland of aging Wistar rats.

Glyphosate does not show higher phytotoxicity than cadmium: Cross talk and metabolic changes in common herb.

Toxicology of paraquat and pharmacology of the protective effect of 5-hydroxy-1-methylhydantoin on lung injury caused by paraquat based on metabolomics.

Biodegradation Potential and Ecotoxicity Assessment in Soil Extracts Amended with Phenoxy Acid Herbicide (2,4-D) and a Structurally-Similar Plant Secondary Metabolite (Ferulic Acid).

Effects of L-Glufosinate-ammonium and temperature on reproduction controlled by neuroendocrine system in lizard (*Eremias argus*).

Effects of acrolein in comparison to its prodrug cyclophosphamide on human primary endothelial cells in vitro.

In vitro effects of glyphosate and Roundup on Sertoli cell physiology.

Effects of glyphosate and a commercial formulation Roundup® exposures on maturation of *Xenopus laevis* oocytes.

Effects of metazachlor and its major metabolite metazachlor OA on early life stages of marbled crayfish.

Seasonal variations in the dose-response relationship of acetylcholinesterase activity in freshwater fish exposed to chlorpyrifos and glyphosate.

A Biostimulant Obtained from the Seaweed *Ascophyllum nodosum* Protects *Arabidopsis thaliana* from Severe Oxidative Stress.

Comparative acute toxicity of glyphosate-based herbicide (GBH) to *Daphnia magna*, *Tisbe longicornis*, and *Emerita analoga*.

Secretogranin III upregulation is involved in parkinsonian toxin-mediated astroglia activation.

Interference of an atrazine commercial formulation with the endocrine control of ovarian growth exerted by the eyestalks.

Frequently encountered pesticides can cause multiple disorders in developing worker honey bees.

Increased risk of head and neck cancer in Agent Orange exposed Vietnam Era veterans.

A Synthetic Snake-Venom-Based Tripeptide Protects PC12 Cells from the Neurotoxicity of Acrolein by Improving Axonal Plasticity and Bioenergetics.

Evaluation of apoptotic potential of glyphosate metabolites and impurities in human peripheral blood mononuclear cells (in vitro study).

In vitro assessment of corticosteroid effects of eight chiral herbicides.

Assessment of the effects of metribuzin, glyphosate, and their mixtures on the metabolism of the model plant *Lemna minor* L. applying metabolomics.

Magnesium supplementation ameliorates toxic effects of 2,4-dichlorophenoxyacetic acid in rat model.

Identification of potential post-ethylene events in the signaling cascade induced by stimuli of bud dormancy release in grapevine.

Coniferaldehyde ameliorates the lipid and glucose metabolism in palmitic acid-induced HepG2 cells via the LKB1/AMPK signaling pathway.

Pathological Role of Unsaturated Aldehyde Acrolein in Diabetic Retinopathy.

Combination of Quercetin, Hirudin and Cinnamaldehyde Promotes Schwann Cell Differentiation and Myelination against High Glucose by Inhibiting ERK Signaling Pathway.

Study the antibacterial mechanism of cinnamaldehyde against drug-resistant *Aeromonas hydrophila* in vitro.

Quantification of 3-Hydroxypropyl Mercapturic Acid in the Urine of Patients with Breast Cancer to Monitor Cyclophosphamide Toxicity.

Cystitis-Related Bladder Pain Involves ATP-Dependent HMGB1 Release from Macrophages and Its Downstream H₂S/Ca^v3.2 Signaling in Mice.

Nrf-2: The Target of Vascular Dysfunction in Diabetes.

Cinnamaldehyde Ameliorates Vascular Dysfunction in Diabetic Mice by Activating Nrf2.

Cardiospecific Overexpression of ATPGD1 (Carnosine Synthase) Increases Histidine Dipeptide Levels and Prevents Myocardial Ischemia Reperfusion Injury.

Protective effects of Alda-1, an ALDH2 activator, on alcohol-derived DNA damage in the esophagus of human ALDH2*2 (Glu504Lys) knock-in mice.

The polypharmacy reduction potential of cinnamic acids and some related compounds in pre- and post-onset management of type 2 diabetes mellitus.

Stephalagine, an aporphine alkaloid from *Annona crassiflora* fruit peel, induces antinociceptive effects by TRPA1 and TRPV1 channels modulation in mice.

Treatment with cinnamaldehyde reduces the visceral adiposity and regulates lipid metabolism, autophagy and endoplasmic reticulum stress in the liver of a rat model of early obesity.

Untargetted Metabolomic Exploration of the *Mycobacterium tuberculosis* Stress Response to Cinnamon Essential Oil.

Use of human neuroblastoma SH-SY5Y cells to evaluate glyphosate-induced effects on oxidative stress, neuronal development and cell death signaling pathways.

Aldehyde Dehydrogenase Inhibition Ameliorates Cardiac Dysfunction and Exacerbates Hypotension Caused by Alcohol in Female Rats.

Acrolein is involved in ischemic stroke-induced neurotoxicity through spermidine/spermine-N1-acetyltransferase activation.

A novel TIPT double mutation in EPSPS conferring glyphosate resistance in tetraploid *Bidens subalternans*.

Water management affects arsenic uptake and translocation by regulating arsenic bioavailability, transporter expression and thiol metabolism in rice (*Oryza sativa* L.).

Trapping Acrolein by Theophylline/Caffeine and Their Metabolites from Green Tea and Coffee in Mice and Humans.

Cover crops, hormones and herbicides: Priming an integrated weed management strategy.

Loss of trifluralin metabolic resistance in *Lolium rigidum* plants exposed to prosulfocarb recurrent selection.

Comparing the effects of different exogenous hormone combinations on seed-derived callus induction in *Nicotiana tabacum*.

[NEURO-HUMORAL DISORDERS OF THE ADAPTATION SYSTEM UNDER THE ACTION OF CERTAIN CLASSES OF PESTICIDES].

Direct Analysis of Glyphosate, Glufosinate, and Their Metabolites in Palm Oil Using Liquid Chromatography with Tandem Mass Spectrometry.

Secondary Metabolites and Their Bioactivities Produced by *Paecilomyces*.

Metabolomic profiling and comparison of major cinnamon species using UHPLC-HRMS.

Leaching of herbicidal residues from gravel surfaces - A lysimeter-based study comparing gravels with agricultural topsoil.

Glyphosate-based herbicides influence antioxidants, reproductive hormones and gut microbiome but not reproduction: A long-term experiment in an avian model.

Metribuzin resistance via enhanced metabolism in a multiple herbicide resistant *Lolium rigidum* population.

Proteomic signatures of acute oxidative stress response to paraquat in the mouse heart.

Sisters in structure but different in character, some benzaldehyde and cinnamaldehyde derivatives differentially tune *Aspergillus flavus* secondary metabolism.

Ultimate fate of herbicide tembotrione and its metabolite TCMBA in soil.

Simultaneous determination of tiafenacil and its six metabolites in fruits using ultra-high-performance liquid chromatography/tandem mass spectrometry.

Metabolic profiling of rats poisoned with paraquat and treated with Xuebijing using a UPLC-QTOF-MS/MS metabolomics approach.

Benoxacor is enantioselectively metabolized by rat liver subcellular fractions.

Dissipation of Herbicide Methiozolin and Its Metabolites in Aerobic Sediment-Water Systems.

Cytotoxicity and hormonal activity of glyphosate-based herbicides.

Organic diet intervention significantly reduces urinary glyphosate levels in U.S. children and adults.

Dysregulation of prostaglandin E2 and BDNF signaling mediated by estrogenic dysfunction induces primary hippocampal neuronal cell death after single and repeated paraquat treatment.

Cinnamaldehyde changes the dynamic balance of glucose metabolism by targeting ENO1.

TOR kinase activity in *Chlamydomonas reinhardtii* is modulated by cellular metabolic states.

Review of the pharmacokinetics and metabolism of triclopyr herbicide in mammals: Impact on safety assessments.

Children exposure to inorganic and organic arsenic metabolites: A cohort study in Northeast Italy.

Biodegradation of Butachlor by *Bacillus altitudinis* and Identification of Metabolites.

Safening activity and metabolism of the safener cyprosulfamide in maize and wheat.

Dimethylarsinic acid is the causal agent inducing rice straighthead disease.

Enantioselectivity effects of imazethapyr enantiomers to metabolic responses in mice.

Review and analysis of the potential for glyphosate to interact with the estrogen, androgen and thyroid pathways.

Metabolic resistance to S-metolachlor in two waterhemp (*Amaranthus tuberculatus*) populations from Illinois, USA.

Uptake, translocation, and metabolism of glyphosate, glufosinate, and dicamba mixtures in *Echinochloa crus-galli* and *Amaranthus palmeri*.

Silicon tackles butachlor toxicity in rice seedlings by regulating anatomical characteristics, ascorbate-glutathione cycle, proline metabolism and levels of nutrients.

Enantioselective in vitro metabolism and in vitro-in vivo correlation of the herbicide ethofumesate in a human model.

Genome-scale reconstruction of *Paenarthrobacter aurescens* TC1 metabolic model towards the study of atrazine bioremediation.

As3MT and GST Polymorphisms Influencing Arsenic Metabolism in Human Exposure to Drinking Groundwater.

Complex study of glyphosate and metabolites influence on enzymatic activity and microorganisms association in soil enriched with *Pseudomonas fluorescens* and sewage sludge.

Pilot study evaluating inhalation and dermal glyphosate exposure resulting from simulated heavy residential consumer application of Roundup(®).

Understanding the Functional Impact of VOC-Ozone Mixtures on the Chemistry of RNA in Epithelial Lung Cells.

Mitochondrial metabolism is central for response and resistance of *Saccharomyces cerevisiae* to exposure to a glyphosate-based herbicide.

The quick and the dead: a new model for the essential role of ABA accumulation in synthetic auxin herbicide mode of action.

Transcriptomics in *Erigeron canadensis* reveals rapid photosynthetic and hormonal responses to auxin herbicide application.

Reactivity of vadose-zone solids to S-metolachlor and its two main metabolites: case of a glaciofluvial aquifer.

Chronic exposure to glyphosate induces transcriptional changes in honey bee larva: A toxicogenomic study.

Agnes Rimando, a Pioneer in the Fate of Glyphosate and Its Primary Metabolite in Plants.

Transient receptor potential ankyrin-1 causes rapid bronchodilation via nonepithelial PGE(2).

Evolution of resistance to HPPD-inhibiting herbicides in a wild radish population via enhanced herbicide metabolism.

Concentration Distribution and Analysis of Urinary Glyphosate and Its Metabolites in Occupationally Exposed Workers in Eastern China.

Chemical Defoliant Promotes Leaf Abscission by Altering ROS Metabolism and Photosynthetic Efficiency in *Gossypium hirsutum*.

Structure-Dependent Effects of Cinnamaldehyde Derivatives on TRPA1-Induced Serotonin Release in Human Intestinal Cell Models.

Protective effect of catechin on pentachlorophenol-induced cytotoxicity and genotoxicity in isolated human blood cells.

2,4-D exposure and urinary markers of oxidative DNA damage and lipid peroxidation: a longitudinal study.

Combined cell death of co-exposure to aldehyde mixtures on human bronchial epithelial BEAS-2B cells: Molecular insights into the joint action.

Influence of eco-friendly phytotoxic metabolites from *Lasiodiplodia pseudotheobromae* C1136 on physiological, biochemical, and ultrastructural changes on tested weeds.

Introducing selective agrochemical manipulation of gibberellin metabolism into a cereal crop.

Biotransformation and detoxification of chloroacetanilide herbicides by *Trichoderma* spp. with plant growth-promoting activities.

Maternal and Fetal Blood Pharmacokinetics and Organ Distribution of Atrazine, Propazine, Simazine, and Their Metabolites in Pregnant Rats After Chronic Oral Administration.

A Val-202-Phe β -tubulin mutation and enhanced metabolism confer dinitroaniline resistance in a single *Lolium rigidum* population.

Utilization of GC-MS untargeted metabolomics to assess the delayed response of glufosinate treatment of transgenic herbicide resistant (HR) buffalo grasses (*Stenotaphrum secundatum* L.).

Herbicidal Secondary Metabolites from Actinomycetes: Structure Diversity, Modes of Action, and Their Roles in the Development of Herbicides.

Loss of CNDP causes a shorter lifespan and higher sensitivity to oxidative stress in *Drosophila melanogaster*.

Thermal decomposition kinetics of glyphosate (GP) and its metabolite aminomethylphosphonic acid (AMPA).

Levothyroxine Therapy in Thyroidectomized Patients.

The Aryl Hydrocarbon Receptor in Energy Balance: The Road from Dioxin-Induced Wasting Syndrome to Combating Obesity with Ahr Ligands.

The Impact of Low-Level Iron Supplements on the Faecal Microbiota of Irritable Bowel Syndrome and Healthy Donors Using In Vitro Batch Cultures.

Female mice exposed to low doses of dioxin during pregnancy and lactation have increased susceptibility to diet-induced obesity and diabetes.

ALS-Linked Mutant SOD1 Associates with TIA-1 and Alters Stress Granule Dynamics.

Aryl hydrocarbon receptor (AHR)-mediated inflammation and resolution: Non-genomic and genomic signaling.

Catechol protects against iron-mediated oxidative brain injury by restoring antioxidative metabolic pathways; and modulation of purinergic and cholinergic enzymes activities.

US EPA's regulatory pesticide evaluations need clearer guidelines for considering mammary gland tumors and other mammary gland effects.

Role of sodium tetraborate as a cardioprotective or competitive agent: Modulation of hypertrophic intracellular signals.

Exposure to Endocrine Disrupting Chemicals and Risk of Breast Cancer.

Effects of Fecal Microbiota Transplantation on Composition in Mice with CKD.

Integrative transcriptomics and metabolomics explore the mechanism of kaempferol on improving nonalcoholic steatohepatitis.

4E-BP1 Protects Neurons from Misfolded Protein Stress and Parkinson's Disease Toxicity by Inducing the Mitochondrial Unfolded Protein Response.

Polyphenol-rich fraction of *Alchornea cordifolia* leaf ameliorates arsenite-induced infertility in male rats.

Matching Minute Ventilation in Hypermetabolic State of Dinitrophenol Poisoning.

Reply: Matching Minute Ventilation in the Hypermetabolic State of Dinitrophenol Poisoning.

Weight of Evidence and Human Relevance Evaluation of the Benfluralin Mode of Action in Rats (Part II): Thyroid carcinogenesis.

Metabolic and Hematological Responses to Endotoxin-Induced Inflammation in Chicks Experiencing Embryonic 2,3,7,8-Tetrachlorodibenzodioxin Exposure.

Serum indoxyl sulfate concentrations associate with progression of chronic kidney disease in children.

Cisplatin-Induced Giant Cells Formation Is Involved in Chemoresistance of Melanoma Cells.

High-Resolution Respirometry Reveals MPP(+) Mitochondrial Toxicity Mechanism in a Cellular Model of Parkinson's Disease.

Distinct Fecal and Plasma Metabolites in Children with Autism Spectrum Disorders and Their Modulation after Microbiota Transfer Therapy.

Glufosinate constrains synchronous and metachronous metastasis by promoting anti-tumor macrophages.

Dexamethasone-Loaded Thermosensitive Hydrogel Suppresses Inflammation and Pain in Collagen-Induced Arthritis Rats.

Interactions of arsenic metabolism with arsenic exposure and individual factors on diabetes occurrence: Baseline findings from Arsenic and Non-Communicable disease cohort (AsNCD) in China.

In Vitro Studies on Therapeutic Potential of Probiotic Yeasts Isolated from Various Sources.

Serum concentrations of pesticides including organophosphates, pyrethroids and neonicotinoids in a population with osteoarthritis in Saudi Arabia.

A metabolomics approach to investigate urine levels of neurotransmitters and related metabolites in autistic children.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) dysregulates hepatic one carbon metabolism during the progression of steatosis to steatohepatitis with fibrosis in mice.

Distinguishing mode of action of compounds inducing craniofacial malformations in zebrafish embryos to support dose-response modeling in combined exposures.

Evaluation of the Aryl Hydrocarbon Receptor Response in LMH 3D Spheroids.

Influence of Resveratrol on the Cardiovascular Health Effects of Chronic Kidney Disease.

Prenatal exposure to organic pollutants in northwestern Spain using non-invasive matrices (placenta and meconium).

Gestational dioxin exposure suppresses prolactin-stimulated nursing in lactating dam rats to impair development of postnatal offspring.

Aryl hydrocarbon receptor (AHR) functions: Balancing opposing processes including inflammatory reactions.

In utero exposure to arsenite contributes to metabolic and reproductive dysfunction in male offspring of CD-1 mice.

Longitudinal metabolic and gut bacterial profiling of pregnant women with previous bariatric surgery.

Targeting on Gut Microbiota-Derived Metabolite Trimethylamine to Protect Adult Male Rat Offspring against Hypertension Programmed by Combined Maternal High-Fructose Intake and Dioxin Exposure.

Impact of pesticide exposure on adipose tissue development and function.

Pdgfr β -Cre mediated knockout of the aryl hydrocarbon receptor protects mice from high-fat diet induced obesity and hepatic steatosis.

Occupational Exposure to Pesticides and Chronic Lymphocytic Leukaemia in the MCC-Spain Study.

AHR is a tunable knob that controls HTLV-1 latency-reactivation switching.

Environmental Toxic Exposures Using Companion Animals as an Indicator of Human Toxicity: A Case Report and Discussion.

Capsaicinoid nonivamide improves nonalcoholic fatty liver disease in rats fed a high-fat diet.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) alters hepatic polyunsaturated fatty acid metabolism and eicosanoid biosynthesis in female Sprague-Dawley rats.

Microbiota Composition and Metabolism Are Associated With Gut Function in Parkinson's Disease.

Maternal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin suppresses male reproductive functions in their adulthood.

Marrubium vulgare L.: A Phytochemical and Pharmacological Overview.

Gut microbiota generation of protein-bound uremic toxins and related metabolites is not altered at different stages of chronic kidney disease.

Volatile Organic Compounds of Endophytic Burkholderia pyrrocinia Strain JK-SH007 Promote Disease Resistance in Poplar.

Prebiotic inulin consumption reduces dioxin-like PCB 126-mediated hepatotoxicity and gut dysbiosis in hyperlipidemic Ldlr deficient mice.

Boric acid and Borax Supplementation Reduces Weight Gain in Overweight Rats and Alter L-Carnitine and IGF-I Levels.

Human CYP2E1-activated mutagenicity of dioxin-like PCBs 105 and 118-Experimental data consistent with molecular docking results.

Aryl Hydrocarbon Receptor-Dependent inductions of omega-3 and omega-6 polyunsaturated fatty acid metabolism act inversely on tumor progression.

Effects of the oral adsorbent AST-120 on fecal p-cresol and indole levels and on the gut microbiota composition.

Chronic Kidney Disease-Associated Immune Dysfunctions: Impact of Protein-Bound Uremic Retention Solutes on Immune Cells.

Quantification of microbiota-related phenols and aromatic acids in mouse feces of a diabetic nephropathy model by simultaneous BDAPE derivatization using ultra-performance liquid chromatography-tandem mass spectrometry.

Inorganic arsenic methylation capacity and breast cancer by immunohistochemical subtypes in northern Mexican women.

Arsenic Exposure Decreases Adiposity During High-Fat Feeding.

Identification of environmental chemicals targeting miscarriage genes and pathways using the comparative toxicogenomics database.

A murine model of Staphylococcus aureus infected chronic diabetic wound: A new tool to develop alternative therapeutics.

Inulin-type fructan intervention restricts the increase in gut microbiome-generated indole in patients with peritoneal dialysis: a randomized crossover study.

Allergy to metacresol in a type 2 diabetes patient.

Low concentrations of sodium arsenite induce hepatotoxicity in prepubertal male rats.

Urine metabolomic analysis in clear cell and papillary renal cell carcinoma: A pilot study.

Applying mass spectrometry-based assays to explore gut microbial metabolism and associations with disease.

Streptococcal H₂O₂ inhibits IgE-triggered degranulation of RBL-2H3 mast cell/basophil cell line by inducing cell death.

Pediatric glioblastoma target-specific efficient delivery of gemcitabine across the blood-brain barrier via carbon nitride dots.

Gut-Derived Metabolites and Their Role in Immune Dysfunction in Chronic Kidney Disease.

A combination of monosodium glutamate and high-fat and high-fructose diets increases the risk of kidney injury, gut dysbiosis and host-microbial co-metabolism.

Metabolomic alternations of follicular fluid of obese women undergoing in-vitro fertilization treatment.

Prenatal dioxin exposure and thyroid hormone levels in the Seveso second generation study.

Lactobacillus salivarius BP121 prevents cisplatin-induced acute kidney injury by inhibition of uremic toxins such as indoxyl sulfate and p-cresol sulfate via alleviating dysbiosis.

Polymorphisms in arsenic (+³ oxidation state) methyltransferase (AS3MT) predict the occurrence of hyperleukocytosis and arsenic metabolism in APL patients treated with As₂O₃.

Diet aid or aid to die: an update on 2,4-dinitrophenol (2,4-DNP) use as a weight-loss product.

Taurocholic acid inhibits features of age-related macular degeneration in vitro.

Dioxin and endometriosis: a new possible relation based on epigenetic theory.

The anti-inflammatory effect of omega-3 polyunsaturated fatty acids dramatically decreases by iron in the hippocampus of diabetic rats.

Isolation and Quantification of Uremic Toxin Precursor-Generating Gut Bacteria in Chronic Kidney Disease Patients.

Effect of fatty fish or nut consumption on concentrations of persistent organic pollutants in overweight or obese men and women: A randomized controlled clinical trial.

A Young Man with Accelerated Hyperthermia, Hypercapnia, and Profound Muscle Rigidity after Ingestion of a Weight Loss Agent.

PCB126 blocks the thermogenic beiging response of adipocytes.

Cytochrome P450 1A2 activity and incidence of thyroid disease and cancer after chronic or acute exposure to dioxins.

The impaired redox balance in peroxisomes of catalase knockout mice accelerates nonalcoholic fatty liver disease through endoplasmic reticulum stress.

The Natural Metabolite 4-Cresol Improves Glucose Homeostasis and Enhances β^2 -Cell Function.

Evolution-guided discovery of antibiotics that inhibit peptidoglycan remodelling.

Association of Maternal Exposure to Persistent Organic Pollutants in Early Pregnancy With Fetal Growth.

Prenatal exposure to glycol ethers and response inhibition in 6-year-old children: The PELAGIE cohort study.

Longitudinal association of biomarkers of pesticide exposure with cardiovascular disease risk factors in youth with diabetes.

Novel 5-(1-aryl-1H-pyrazol-3-yl)-1H-tetrazoles as glycogen phosphorylase inhibitors: An in vivo antihyperglycemic activity study.

Understanding ligands driven mechanism of wild and mutant aryl hydrocarbon receptor in presence of phytochemicals combating Parkinson's disease: an in silico and in vivo study.

Tagetnoic acid, a new lipoxygenase inhibitor peroxy fatty acid from *Tagetes minuta* growing in Saudi Arabia.

Long-term metabolic consequences of acute dioxin exposure differ between male and female mice.

Molecular and Cellular Mechanisms that Induce Arterial Calcification by Indoxyl Sulfate and P-Cresyl Sulfate.

Human CYP1B1-dependent genotoxicity of dioxin-like polychlorinated biphenyls in mammalian cells.

High-throughput sequencing analysis of intestinal flora changes in ESRD and CKD patients.

An unsupervised learning approach to identify novel signatures of health and disease from multimodal data.

In vivo acute toxicity and anti-gastric evaluation of a novel dichloro Schiff base: Bax and HSP70 alteration.

Bibliometrics and Visualization of the Mechanisms of Parkinson's Diseases Based on Animal Models.

Resveratrol Regulates Nrf2-Mediated Expression of Antioxidant and Xenobiotic Metabolizing Enzymes in Pesticides-Induced Parkinsonism.

Gut Microbiota as Diagnostic Tools for Mirroring Disease Progression and Circulating Nephrotoxin Levels in Chronic Kidney Disease: Discovery and Validation Study.

Porphobilinogen synthase: An equilibrium of different assemblies in human health.

Tandem mass tag (TMT) proteomic analysis of fetal lungs revealed differential expression of tight junction proteins in a rat model of congenital diaphragmatic hernia.

Physiologically based toxicokinetic models and in silico predicted partition coefficients to estimate tetrachlorodibenzo-p-dioxin transfer from feed into growing pigs.

Prenatal dioxin exposure and glucose metabolism in the Seveso Second Generation study.

Effects of arsenic exposure on D-serine metabolism in the hippocampus of offspring mice at different developmental stages.

Multiple pesticides in mothers' hair samples and children's measurements at birth: Results from the French national birth cohort (ELFE).

Arsenic-induced immunomodulatory effects disorient the survival-death interface by stabilizing the Hsp90/Beclin1 interaction.

Metformin as a protective agent against natural or chemical toxicities: a comprehensive review on drug repositioning.

Microbiome and Metabolome Profiles Associated With Different Types of Short Bowel Syndrome: Implications for Treatment.

Bowel Habits and the Association With Uremic Toxins in Non-Dialysis-Dependent Chronic Kidney Disease Patients.

Ferric-Induced Pancreatic Injury Involves Exacerbation of Cholinergic and Proteolytic Activities, and Dysregulation of Metabolic Pathways: Protective Effect of Caffeic Acid.

Distribution and Determinants of Chronic Kidney Disease of Unknown Etiology: A Brief Overview.

Pesticide exposure among Bolivian farmers: associations between worker protection and exposure biomarkers.

Anaerobic biodegradation of pyrene by *Klebsiella* sp. LZ6 and its proposed metabolic pathway.

The ability of arsenic metabolism affected the expression of lncRNA PANDAR, DNA damage, or DNA methylation in peripheral blood lymphocytes of laborers.

Inhibitory effect of isomaltodextrin on tyrosine metabolite production in rat gut microbiota.

May agricultural water sources containing mixtures of agrochemicals cause hormonal disturbances?

Biodegradation and toxicity reduction of nonylphenol, 4-tert-octylphenol and 2,4-dichlorophenol by the ascomycetous fungus *Thielavia* sp HJ22: Identification of fungal metabolites and proposal of a putative pathway.

Characterizing the potential estrogenic and androgenic activities of two disinfection byproducts, mono-haloacetic acids and haloacetamides, using *in vitro* bioassays.

Quantitative seasonal variation of the faltarinol-type polyacetylene (3S)-16,17-didehydrofaltarinol and its spatial tissue distribution in *Tridax procumbens*.

Risk factors for abdominal wall defects.

Formation of microbial products by activated sludge in the presence of a metabolic uncoupler o-chlorophenol in long-term operated sequencing batch reactors.

Cyclophosphamide-induced cystitis results in NLRP3-mediated inflammation in the hippocampus and symptoms of depression in rats.

Skeletal toxicity resulting from exposure of growing male rats to coplanar PCB 126 is associated with disruption of calcium homeostasis and the GH-IGF-1 axis and direct effects on bone formation.

Loss of the mitochondrial lipid cardiolipin leads to decreased glutathione synthesis.

Association of dioxin in maternal breast milk and salivary steroid hormone levels in preschool children: A five-year follow-up study of a Vietnam cohort.

Degradation studies of dimethachlor in soils and water by UHPLC-HRMS: putative elucidation of unknown metabolites.

Biomonitoring of non-persistent pesticides in urine from lactating mothers: Exposure and risk assessment.

Changes in urinary excretion of phthalates, phthalate substitutes, bisphenols and other polychlorinated and phenolic substances in young Danish men; 2009-2017.

Candidate Gene Networks for Acylsugar Metabolism and Plant Defense in Wild Tomato *Solanum pennellii*.

Which chemicals should be grouped together for mixture risk assessments of male reproductive disorders?

Analysis of 2,4-Dinitrophenol in Postmortem Blood and Urine by Gas Chromatography-Mass Spectrometry: Method Development and Validation and Report of Three Fatalities in the United States.

An unexpected new pathway for nitroxide radical production via more reactive nitrogen-centered amidyl radical intermediate during detoxification of the carcinogenic halogenated quinones by N-alkyl hydroxamic acids.

Integrative Metagenomics-Metabolomics for Analyzing the Relationship Between Microorganisms and Non-volatile Profiles of Traditional Xiaoqu.

Transporter Gene Regulation in Sandwich Cultured Human Hepatocytes Through the Activation of Constitutive Androstane Receptor (CAR) or Aryl Hydrocarbon Receptor (AhR).

Predominance of Metabolic Resistance in a Six-Way-Resistant Palmer Amaranth (*Amaranthus palmeri*) Population.

Curing of Cocoa Beans: Fine-Scale Monitoring of the Starter Cultures Applied and Metabolomics of the Fermentation and Drying Steps.

An *Ascophyllum nodosum*-Derived Biostimulant Protects Model and Crop Plants from Oxidative Stress.

Changes in the Serum Metabolome of Patients Treated With Broad-Spectrum Antibiotics.

Fast and Easy Phage-Tagging and Live/Dead Analysis for the Rapid Monitoring of Bacteriophage Infection.

The Protective Effect of Aspirin Eugenol Ester on Paraquat-Induced Acute Liver Injury Rats.

The Metabolomics of Childhood Atopic Diseases: A Comprehensive Pathway-Specific Review.

Secondary Metabolites with Agricultural Antagonistic Potentials from *Beauveria felina*, a Marine-Derived Entomopathogenic Fungus.

Cytochrome P450 Expression and Chemical Metabolic Activity before Full Liver Development in Zebrafish.

Characterization, Genetic Analyses, and Identification of QTLs Conferring Metabolic Resistance to a 4-Hydroxyphenylpyruvate Dioxygenase Inhibitor in Sorghum (*Sorghum bicolor*).

A Case of Paraquat Poisoning Presenting With Spontaneous Pneumothorax and Pneumomediastinum.

Coexpression Clusters and Allele-Specific Expression in Metabolism-Based Herbicide Resistance.

Toxicological effects of chlorophenols to green algae observed at various pH and concentration of humic acid.

Whether Gametophytes are Reduced or Unreduced in Angiosperms Might Be Determined Metabolically.

Endocrine-Disrupting Air Pollutants and Their Effects on the Hypothalamus-Pituitary-Gonadal Axis.

Impact of environmental toxin exposure on male fertility potential.

Modulating microbiota metabolism via bioaugmentation with *Lactobacillus casei* and *Acetobacter pasteurianus* to enhance acetoin accumulation during cereal vinegar fermentation.

Mucuna pruriens in Parkinson's and in some other diseases: recent advancement and future prospective.

Effects on the Liver Transcriptome in Baltic Salmon: Contributions of Contamination with Organohalogen Compounds and Origin of Salmon.

UbK is Involved in the Resistance of *Bacillus Subtilis* to Oxidative Stress.

Heat-not-burn tobacco products: an emerging threat to cardiovascular health.

Genome-scale metabolic modeling of *Acetobacter pasteurianus* 386B reveals its metabolic adaptation to cocoa fermentation conditions.

The impact of endocrine-disrupting chemical exposure in the mammalian hypothalamic-pituitary axis.

Exposure and cumulative risk assessment to non-persistent pesticides in Spanish children using biomonitoring.

Effects of agricultural pesticides on the reproductive system of aquatic wildlife species, with crocodylians as sentinel species.

Agrochemicals with estrogenic endocrine disrupting properties: Lessons Learned?

Metabolomics Profiling and Diagnosis Biomarkers Searching for Drug-Induced Liver Injury Implicated to *Polygonum multiflorum*: A Cross-Sectional Cohort Study.

Wrangling Shape-Shifting Morpheesins to Tackle Disease and Approach Drug Discovery.

Advancements in Low-Chill Blueberry *Vaccinium corymbosum* L. Tissue Culture Practices.

Evaluation of Callus Cultures to Elucidate the Metabolism of Tebuconazole, Flurtamone, Fenhexamid, and Metalaxyl-M in *Brassica napus* L., *Glycine max* (L.) Merr., *Zea mays* L., and *Triticum aestivum* L.

Risk Assessment of Pesticide Mixtures in Australian Rivers Discharging to the Great Barrier Reef.

Cytochrome P450 Herbicide Metabolism as the Main Mechanism of Cross-Resistance to ACCase- and ALS-Inhibitors in *Lolium* spp. Populations From Argentina: A Molecular Approach in Characterization and Detection.

Screening of Bioactive Metabolites and Biological Activities of Calli, Shoots, and Seedlings of *Mertensia maritima* (L.) Gray.

A laboratory investigation into features of morphology and physiology for their potential to predict reproductive success in male frogs.

Metabolic impact of persistent organic pollutants on gut microbiota.

A Comprehensive Review on Source, Types, Effects, Nanotechnology, Detection, and Therapeutic Management of Reactive Carbonyl Species Associated with Various Chronic Diseases.

Analysis of urinary VOCs using mass spectrometric methods to diagnose cancer: A review.

Correlation between the uncoupling metabolism induced by 2,4,6-trichlorophenol and sludge toxicity in sequence batch reactors.

Outcome of Canine Multicentric Lymphoma after Single or Divided Treatment with Cyclophosphamide in Multidrug Chemotherapy.

Tissue- and Region-Specific Accumulation of Arsenic Species, Especially in the Brain of Mice, After Long-term Arsenite Exposure in Drinking Water.

Occupational exposure to organophosphorus and carbamates in farmers in La Cienega, Jalisco, Mexico: oxidative stress and membrane fluidity markers.

Simultaneous determination of polar pesticides in human blood serum by liquid chromatography coupled to triple quadrupole mass spectrometer.

Variation in surface properties, metabolic capping, and antibacterial activity of biosynthesized silver nanoparticles: comparison of bio-fabrication potential in phytohormone-regulated cell cultures and naturally grown plants.

Analysis of large-scale monitoring data to identify spatial and temporal trend of risk for terbuthylazine and desethyl-terbuthylazine in surface water bodies of Po plain (Italy).

Online Headspace-Solid Phase Microextraction-Gas Chromatography-Mass Spectrometry-based untargeted volatile metabolomics for studying emerging complex biopesticides: A proof of concept.

Effects of oral exposure to arsenite on arsenic metabolism and transport in rat kidney.

Cloning, overexpression, purification, characterization and structural modelling of a metabolically active Fe(2+) dependent 2,6-dichloro-p-hydroquinone 1,2-dioxygenase (CpsA) from *Bacillus cereus* strain AOA-CPS_1.

Phytotoxicity, Morphological, and Metabolic Effects of the Sesquiterpenoid Nerolidol on *Arabidopsis thaliana* Seedling Roots.

Synthesis and antiproliferative effect of the proposed stereoisomer of the marine sponge metabolite halisphingosine A.

Longitudinal Study of Thyroid Hormones between Conventional and Organic Farmers in Thailand.

2,3,7,8-Tetrachlorodibenzo-p-Dioxin Regulates the Expression of Aryl Hydrocarbon Receptor-Related Factors and Cytokines in Peripheral Blood Mononuclear Cells and CD4+ T cells from Patients with Atopic Dermatitis and Psoriasis.

In vitro effects of selected endocrine disruptors (DEHP, PCB118, BPA) on narrow-clawed crayfish (*Astacus leptodactylus*) primary cells.

Development and establishment of a QuEChERS-based extraction method for determining tembotrione and its metabolite AE 1417268 in corn, corn oil and certain animal-origin foods by HPLC-MS/MS.

Plasmid-Mediated Biodegradation of Chlorpyrifos and Analysis of Its Metabolic By-Products.

Serum metabolic changes associated with dioxin exposure in a Chinese male cohort.

Association of dietary intake and urinary excretion of inorganic arsenic in the Japanese subjects.

In Vitro Detoxification Studies of p-Cresol by Intestinal Bacteria Isolated from Human Feces.

Functional analysis of newly identified RYR1 variants in patients susceptible to malignant hyperthermia.

Xanthohumol Effect on 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Treated Japanese Quails in Terms of Serum Lipids, Liver Enzymes, Estradiol, and Thyroid Hormones.

Physiological and Oxidative Stress Responses of Lettuce to Cleomside A: A Thiohydroximate, as a New Allelochemical from *Cleome arabica* L.

TCDD-induced multi- and transgenerational changes in the methylome of male zebrafish gonads.

Nanometer accuracy statistical interferometric technique in monitoring the short-term effects of exogenous plant hormones, auxin and gibberellic acid, on rice plants.

Efficacy of Mushroom Metabolites (*Pleurotus ostreatus*) as A Natural Product for the Suppression of Broomrape Growth (*Orobancha crenata* Forsk) in Faba Bean Plants.

Gut Bacterial Species Distinctively Impact Host Purine Metabolites during Aging in *Drosophila*.

Correlation of polyamines, acrolein-conjugated lysine and polyamine metabolic enzyme levels with age in human liver.

Assessment of arsenic-induced modifications in the DNA methylation of insulin-related genes in rat pancreatic islets.

Moderate Wine Consumption Reduces Faecal Water Cytotoxicity in Healthy Volunteers.

Comparison of the basic morphology and function of 3D lung epithelial cultures derived from several donors.

High Throughput Residue Analysis of Indaziflam and its Metabolites in Palm Oil Using Liquid Chromatography-Tandem Mass Spectrometry.

Inhibition of rat brain and human red cell acetylcholinesterase by thiocarbamate herbicides.

Role of CAPE in reducing oxidative stress in animal models with traumatic brain injury.

Oxidative stress via the Maillard reaction is associated with the occurrence of internal browning in roots of sweetpotato (*Ipomoea batatas*).

Influence of surface water - groundwater interactions on the spatial distribution of pesticide metabolites in groundwater.

Urinary biomonitoring of subjects with different smoking habits. Part II: an untargeted metabolomic approach and the comparison with the targeted measurement of mercapturic acids.

Fungal and plant metabolites in industrially-processed fruit juices in Nigeria.

The Morphoregulatory Role of Thidiazuron: Metabolomics-Guided Hypothesis Generation for Mechanisms of Activity.

Predictors of Urinary Pyrethroid and Organophosphate Compound Concentrations among Healthy Pregnant Women in New York.

Metabolic cross-feeding in imbalanced diets allows gut microbes to improve reproduction and alter host behaviour.

Comparative assessment of the acute toxicity, haematological and genotoxic effects of ten commonly used pesticides on the African Catfish, *Clarias gariepinus* Burchell 1822.

Nanoparticles in Agroindustry: Applications, Toxicity, Challenges, and Trends.

Study of uptake, translocation, and metabolic behavior of pesticides in water milfoil.

Development of an ELISA for Measurement of Urinary 3-Hydroxypropyl Mercapturic Acid (3-HPMA), the Marker of Stroke.

Saliva as a non-invasive tool for monitoring oxidative stress in swimmers athletes performing a VO₂(max) cycle ergometer test.

Induction of Callogenesis, Organogenesis, and Embryogenesis in Non-Meristematic Explants of Bleeding Heart and Evaluation of Chemical Diversity of Key Metabolites from Callus.

Varying Protein Levels Influence Metabolomics and the Gut Microbiome in Healthy Adult Dogs.

How the AHR Became Important in Intestinal Homeostasis-A Diurnal FICZ/AHR/CYP1A1 Feedback Controls Both Immunity and Immunopathology.

Protective Effect of Fenofibrate on Oxidative Stress-Induced Apoptosis in Retinal-Choroidal Vascular Endothelial Cells: Implication for Diabetic Retinopathy Treatment.

Metabolite Profile and Immunomodulatory Properties of Bellflower Root Vinegar Produced Using *Acetobacter pasteurianus* A11-2.

Aqueous Humor Outflow Requires Active Cellular Metabolism in Mice.

Dietary Components, Microbial Metabolites and Human Health: Reading between the Lines.

The relationship between perinatal exposure to dioxins and serum steroid hormone levels in preschool-aged children at an e-waste region in China.

Metabolic and proteomic analysis of nitrogen metabolism mechanisms involved in the sugarcane - *Fusarium verticillioides* interaction.

Visual system: An understudied target of aquatic toxicology.

Bioactivity of the Novel Fungicide SYP-14288 Against Plant Pathogens and the Study of its Mode of Action Based on Untargeted Metabolomics.

Net release and uptake of xenometabolites across intestinal, hepatic, muscle, and renal tissue beds in healthy conscious pigs.

Agrochemicals disrupt multiple endocrine axes in amphibians.

Potentials and pitfalls of transient in vitro reporter bioassays: interference by vector geometry and cytotoxicity in recombinant zebrafish cell lines.

Energy pathways associated with sustained spermatozoon motility in the endangered Siberian sturgeon *Acipenser baerii*.

Spatiotemporal variation in occurrence and co-occurrence of pesticides, hormones, and other organic contaminants in rivers in the Chesapeake Bay Watershed, United States.

Assessment of the absorbed dose after exposure to surgical smoke in an operating room.

Mass Balance, Metabolism, and Excretion of Cenobamate, a New Antiepileptic Drug, After a Single Oral Administration in Healthy Male Subjects.

Urinary Biomarkers of Exposure to Volatile Organic Compounds from the Population Assessment of Tobacco and Health Study Wave 1 (2013-2014).

Synergy between Experiments and Computations: A Green Channel for Revealing Metabolic Mechanism of Xenobiotics in Chemical Toxicology.

One pot green synthesis of m-aminophenol-urea-glyoxal resin as pipette tip solid-phase extraction adsorbent for simultaneous determination of four plant hormones in watermelon juice.

Synthesis of cyclophosphamide metabolites by a peroxygenase from *Marasmius rotula* for toxicological studies on human cancer cells.

Temporal Shotgun Metagenomics Revealed the Potential Metabolic Capabilities of Specific Microorganisms During Lambic Beer Production.

Organic selenium supplement partially alleviated diquat-induced oxidative insults and hepatic metabolic stress in nursery pigs.

Cardiac amyloidosis possibly secondary to Agent Orange exposure.

Quantitative Proteomic Profiling of Mitochondrial Toxicants in a Human Cardiomyocyte Cell Line.

Reproductive enhancement in buffalo: looking at urinary pheromones and hormones.

Uroprotective mechanisms of natural products against cyclophosphamide-induced urinary bladder toxicity: A comprehensive review.

Tissue distribution, hormonal regulation, ontogeny, diurnal expression, and induction of mouse cystine transporters *Slc3a1* and *Slc7a9*.

Dioxin-like and non-dioxin-like PCBs differentially regulate the hepatic proteome and modify diet-induced nonalcoholic fatty liver disease severity.

Enantioselective effects of imazethapyr residues on *Arabidopsis thaliana* metabolic profile and phyllosphere microbial communities.

Functional modulation of sarcolemmal K(ATP) channels by atrial natriuretic peptide-elicited intracellular signaling in adult rabbit ventricular cardiomyocytes.

The association between dioxins and steroid hormones in general adult males: a cross-sectional study in an e-waste region of China.

Review of Health Consequences of Electronic Cigarettes and the Outbreak of Electronic Cigarette, or Vaping, Product Use-Associated Lung Injury.

Intergenerational toxicity of nonylphenol ethoxylate (NP-9) in *Caenorhabditis elegans*.

Urinary biomonitoring of subjects with different smoking habits. Part I: Profiling mercapturic acids.

Recyclable Eu(3+) functionalized Hf-MOF fluorescent probe for urinary metabolites of some organophosphorus pesticides.

Causes and possibilities to circumvent cyclophosphamide toxicity.

Gut microbiota and blood metabolomics in weaning multiparous sows: Associations with oestrous.

Cross-Sectional and Longitudinal Effects of PCB Exposure on Human Stress Hormones in the German HELPCB Surveillance Program.

Metabolic Cooperation among Commensal Bacteria Supports *Drosophila* Juvenile Growth under Nutritional Stress.

Exploring the effects of carbon source level on the degradation of 2,4,6-trichlorophenol in the co-metabolism process.

Longitudinal Study of Metabolic Biomarkers among Conventional and Organic Farmers in Thailand.

Structural Studies of Glutamate Dehydrogenase (Isoform 1) From *Arabidopsis thaliana*, an Important Enzyme at the Branch-Point Between Carbon and Nitrogen Metabolism.

Regulation of Spermine Oxidase through Hypoxia-Inducible Factor-1 α Signaling in Retinal Glial Cells under Hypoxic Conditions.

Evaluation of different types of arsenic methylation and its relationship with metabolic syndrome in an area chronically exposed to arsenic.

Oxidative stress delays development and alters gene expression in the agricultural pest moth, *Helicoverpa armigera*.

In older women, a high-protein diet including animal-sourced foods did not impact serum levels and urinary excretion of trimethylamine-N-oxide.

Structural and metabolic performance of p-cresol producing microbiota in different carbon sources.

Multigenerational and transgenerational effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on ovarian reserve and follicular development through AMH/AMHR2 pathway in adult female rats.

Metabolomic and Transcriptomic Investigation of Metabolic Perturbations in *Oryza sativa* L. Triggered by Three Pesticides.

Fluxes of agricultural nitrogen and metolachlor metabolites are highly correlated in a first order stream in Maryland, USA.

Microencapsulation of luteinizing hormone-releasing hormone agonist in poly (lactic-co-glycolic acid) microspheres by spray-drying.

Non-Targeted Metabolomic Profiling of Coronary Heart Disease Patients With Taohong Siwu Decoction Treatment.

Production of the secondary metabolite catechin by in vitro cultures of *Camellia sinensis* L.

Instability of urinary excreted methyl-2-acetamido-2-deoxy-1-seleno- β -D-galactopyranoside (selenosugar 1), the main elimination product of human selenium metabolism, and measures for its stabilization.

Genotoxicant exposure, activation of the aryl hydrocarbon receptor, and lipid peroxidation in cultured human alveolar type II A549 cells.

N,O-Nucleoside Analogues: Metabolic and Apoptotic Activity.

Exposure assessment of toxic metals and organochlorine pesticides among employees of a natural history museum.

Sodium arsenite toxicity on hematology indices and reproductive parameters in Teddy goat bucks and their amelioration with vitamin C.

A comparison of the fate of diflufenican in agricultural sandy soil and gravel used in urban areas.

Chronic arsenic exposure impairs adaptive thermogenesis in male C57BL/6J mice.

Compositional profiles, persistency and toxicity of polychlorinated naphthalene (PCN) congeners in edible cod liver products from 1972 to 2017.

Immunohistochemical and histological evaluations of cyclophosphamide-induced acute cardiotoxicity in wistar rats: The role of turmeric extract (curcuma).

Kaempferol modulates TCDD- and t-BHQ-induced drug-metabolizing enzymes and luteolin enhances this effect.

Decreased Glucose Utilization Contributes to Memory Impairment in Patients with Glufosinate Ammonium Intoxication.

Metabolomic Profiling Revealed Potential Biomarkers in Patients With Moyamoya Disease.

Icariin protects against sodium azide-induced neurotoxicity by activating the PI3K/Akt/GSK-3 β signaling pathway.

P-cresol Alters Brain Dopamine Metabolism and Exacerbates Autism-Like Behaviors in the BTBR Mouse.

Assessing the impact of arsenic metabolism efficiency on DNA methylation using Mendelian randomization.

Dioxin male rat reproductive toxicity mode of action and relative potency of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,7,8-tetrachlorodibenzofuran characterized by fetal pituitary and testis transcriptome profiling.

Dietary exposure to pesticide residues and associated health risks in infants and young children - Results of the French infant total diet study.

The potential endocrine disruption of pesticide transformation products (TPs): The blind spot of pesticide risk assessment.

Urinary Arsenic Species are Detectable in Urban Underserved Hispanic/Latino Populations: A Pilot Study from the Study of Latinos: Nutrition & Physical Activity Assessment Study (SOLNAS).

Manipulating Gibberellin Control Over Growth and Fertility as a Possible Target for Managing Wild Radish Weed Populations in Cropping Systems.

Simultaneous Analysis and Dietary Exposure Risk Assessment of Fomesafen, Clomazone, Clethodim and Its Two Metabolites in Soybean Ecosystem.

Drosophila SLC22 Orthologs Related to OATs, OCTs, and OCTNs Regulate Development and Responsiveness to Oxidative Stress.

Dissipation behavior, residues distribution and dietary risk assessment of tembotrione and its metabolite in maize via QuEChERS using HPLC-MS/MS technique.

Metformin lowers glucose 6-phosphate in hepatocytes by activation of glycolysis downstream of glucose phosphorylation.

Establishment of an in vitro regeneration system and genetic transformation of the Tunisian 'Maltese half-blood' (*Citrus sinensis*): an agro-economically important variety.

Does the application of human waste as a fertilization material in agricultural production pose adverse effects on human health attributable to contaminants of emerging concern?

Evaluation of potential sodium-iodide symporter (NIS) inhibitors using a secondary Fischer rat thyroid follicular cell (FRTL-5) radioactive iodide uptake (RAIU) assay.

Primary Metabolite Responses to Oxidative Stress in Early-Senescing and Paraquat Resistant *Arabidopsis thaliana* rcd1 (Radical-Induced Cell Death1).

Phytotoxic Metabolites from Three *Neofusicoccum* Species Causal Agents of *Botryosphaeria* Dieback in Australia, Luteopyroxin, Neoanthraquinone, and Luteoxepinone, a Disubstituted Furo- $\hat{\pm}$ -pyrone, a Hexasubstituted Anthraquinone, and a Trisubstituted Oxepi-2-one from *Neofusicoccum luteum*.

In utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure exacerbates urinary dysfunction in hormone-treated C57BL/6J mice through a non-malignant mechanism involving proteomic changes in the prostate that differ from those elicited by testosterone and estradiol.

Water Deficit Affects the Growth and Leaf Metabolite Composition of Young Loquat Plants.

Current Perspectives on the Auxin-Mediated Genetic Network that Controls the Induction of Somatic Embryogenesis in Plants.

Identification of Serum-Based Metabolic Feature and Characteristic Metabolites in Paraquat Intoxicated Mouse Models.

Characterization of Volatile Organic Compound Metabolites in Cigarette Smokers, Electronic Nicotine Device Users, Dual Users, and Nonusers of Tobacco.

Diabetes and Toxicant Exposure.

Mechanisms of Metabolism Interaction Between p-Cresol and Mycophenolic Acid.

Metabolic profile and behavior of clethodim and spirotetramat in herbs during plant growth and processing under controlled conditions.

High resolution respirometry to assess function of mitochondria in native homogenates of human heart muscle.

Novel imaging biomarkers for mapping the impact of mild mitochondrial uncoupling in the outer retina in vivo.

Curcumin Attenuates Acrolein-induced COX-2 Expression and Prostaglandin Production in Human Umbilical Vein Endothelial Cells.

Graves' disease: Epidemiology, genetic and environmental risk factors and viruses.

An Analysis of Biomarkers in Patients with Chronic Pain.

Erratum to: Identification of phenol- and p-cresol-producing intestinal bacteria by using media supplemented with tyrosine and its metabolites.

Developmental Exposure to PCB153 (2,2',4,4',5,5'-Hexachlorobiphenyl) Alters Circadian Rhythms and the Expression of Clock and Metabolic Genes.

Metabolic switch in energy metabolism mediates the sublethal effects induced by glyphosate-based herbicide on tadpoles of a farmland frog *Microhyla fissipes*.

Cost-effective detection of genome-wide signatures for 2,4-D herbicide resistance adaptation in red clover.

Acute and chronic toxicity of herbicides and their mixtures measured by *Aliivibrio fischeri* ecotoxicological assay.

Adipocyte epigenetic alterations and potential therapeutic targets in transgenerationally inherited lean and obese phenotypes following ancestral exposures.

Comparative cyto- and genotoxicity assessment of glyphosate and glyphosate-based herbicides in human peripheral white blood cells.

Glycyrrhizic acid modulates the atrazine-induced apoptosis in rabbit spleen.

Environmental risk assessment of triazine herbicides in the Bohai Sea and the Yellow Sea and their toxicity to phytoplankton at environmental concentrations.

Paraquat exposure delays late-stage Leydig cell differentiation in rats during puberty.

Aldo-keto Reductase Metabolizes Glyphosate and Confers Glyphosate Resistance in *Echinochloa colona*.

Physiologically Based Pharmacokinetic Modeling of Salivary Concentrations for Noninvasive Biomonitoring of 2,4-Dichlorophenoxyacetic Acid (2,4-D).

Atrazine-induced toxicity in goat spermatozoa is alleviated to some extent by polyphenol-enriched feed.

Immunotoxicity and transcriptome analysis of zebrafish embryos in response to glufosinate-ammonium exposure.

Effect of the herbicide atrazine and its major metabolite, DACT, on bovine sperm cryotolerance.

Gut microbiota and neurological effects of glyphosate.

Antigerminative comparison between naturally occurring naphthoquinones and commercial pesticides.
Soil dehydrogenase activity used as bioindicator to test soil toxicity.

Pesticide and trace element residues in honey and beeswax combs from Israel in association with human risk assessment and honey adulteration.

Comparative molecular and metabolic responses of wheat seedlings (*Triticum aestivum* L.) to the imazethapyr enantiomers S-IM and R-IM.

[From the traces in the wells of the urban aqueduct network to the subsequent prohibition of the use of glyphosate: the case of an area of high-intensity wine production in the province of Treviso, Veneto].

Novel insights into the mechanism of cyclophosphamide-induced bladder toxicity: chloroacetaldehyde's contribution to urothelial dysfunction in vitro.

Atrazine induces necroptosis by miR-181-5p targeting inflammation and glycometabolism in carp lymphocytes.

A glyphosate-based herbicide induces sub-lethal effects in early life stages and liver cell line of rainbow trout, *Oncorhynchus mykiss*.

Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels.

The response of the algae *Fucus virsoides* (Fucales, Ochrophyta) to Roundup® solution exposure: A metabolomics approach.

Effects of chronic glyphosate exposure to pregnant mice on hepatic lipid metabolism in offspring.

Effects of 2,4-D-based herbicide (DMA® 806) on sensitivity, respiration rates, energy reserves and behavior of tadpoles.

Imbalances in the male reproductive function of the estuarine crab *Neohelice granulata*, caused by glyphosate.

Impact of diuron and S-metolachlor on the freshwater diatom *Gomphonema gracile*: Complementarity between fatty acid profiles and different kinds of ecotoxicological impact-endpoints.

Ecotoxicological hazard of a mixture of glyphosate and aminomethylphosphonic acid to the mussel *Mytilus galloprovincialis* (Lamarck 1819).

Nuclear receptor AHR-mediated xenobiotic detoxification pathway involves in atrazine-induced nephrotoxicity in quail (*Coturnix C. coturnix*).

Paraquat induced impaired reproductive function and modulation of retinal and extra-retinal photoreceptors in Japanese quail (*Coturnix coturnix japonica*).

Cytochrome P450 and Glutathione-S-Transferase Activity are Altered Following Environmentally Relevant Atrazine Exposures in Crayfish (*Faxoniusvirilis*).

Animal models in the neurotoxicology of 2,4-D.

Kinetics of the metabolic effects, distribution spaces and lipid-bilayer affinities of the organo-chlorinated herbicides 2,4-D and picloram in the liver.

Protective mechanism of 1-methylhydantoin against lung injury induced by paraquat poisoning.

Arsenite and its trivalent methylated metabolites inhibit glucose-stimulated calcium influx and insulin secretion in murine pancreatic islets.

Effects of the glyphosate-based herbicide roundup on the survival, immune response, digestive activities and gut microbiota of the Chinese mitten crab, *Eriocheir sinensis*.

Xenobiotic mediated diabetogenesis: Developmental exposure to dichlorvos or atrazine leads to type 1 or type 2 diabetes in *Drosophila*.

[Exposure of vapors to formaldehyde and acrolein: A systematic review].

Melatonin protects against Fenoxaprop-ethyl exposure-induced meiotic defects in mouse oocytes.

Maternal glyphosate-based herbicide exposure alters antioxidant-related genes in the brain and serum metabolites of male rat offspring.

Transcriptome responses to the natural phytotoxin t-chalcone in *Arabidopsis thaliana* L.

Conserved roles of glucose in suppressing reactive oxygen species-induced cell death and animal survival.

Effects of ecologically relevant concentrations of Boral[®] 500 SC, Glifosato[®] Biocarb, and a blend of both herbicides on markers of metabolism, stress, and nutritional condition factors in bullfrog tadpoles.

Acute in vitro exposure to environmentally relevant atrazine levels perturbs bovine preimplantation embryo metabolism and cell number.

Atrazine induced transgenerational reproductive effects in medaka (*Oryzias latipes*).

Quizalofop-p-Ethyl Induces Adipogenesis in 3T3-L1 Adipocytes.

Serial measurement of glyphosate blood concentration in a glyphosate potassium herbicide-intoxicated patient: A case report.

The effects of Roundup[®] in embryo development and energy metabolism of the zebrafish (*Danio rerio*).

Activation of the N-methyl-d-aspartate receptor is involved in glyphosate-induced renal proximal tubule cell apoptosis.

Cytotoxic activity of pentachlorophenol and its active metabolites in SH-SY5Y neuroblastoma cells.

Exposure to herbicides reduces larval sensitivity to insecticides in *Spodoptera litura* (Lepidoptera: Noctuidae).

Thyroid Hormones in Conventional and Organic Farmers in Thailand.

Effects of short-time exposure to atrazine on miRNA expression profiles in the gonad of common carp (*Cyprinus carpio*).

Microcosm study of atrazine bioremediation by indigenous microorganisms and cytotoxicity of biodegraded metabolites.

Glyphosate-based herbicides at low doses affect canonical pathways in estrogen positive and negative breast cancer cell lines.

Effects of low glyphosate-based herbicide concentrations on endocrine-related gene expression in the decapoda *Macrobrachium potiuna*.

Evaluating sub-lethal stress from Roundup(®) exposure in *Artemia franciscana* using (1)H NMR and GC-MS.

Effect of Individual and Combined Treatments of Pesticide, Fertilizer, and Salt on Growth and Corticosterone Levels of Larval Southern Leopard Frogs (*Lithobates sphenoccephala*).

Exploring the glyphosate-degrading characteristics of a newly isolated, highly adapted indigenous bacterial strain, *Providencia rettgeri* GDB 1.

Unravelling mesosulfuron-methyl phytotoxicity and metabolism-based herbicide resistance in *Alopecurus aequalis*: Insight into regulatory mechanisms using proteomics.

Impact of the glyphosate-based commercial herbicide, its components and its metabolite AMPA on non-target aquatic organisms.

Enrofloxacin and Roundup(®) interactive effects on the aquatic macrophyte *Elodea canadensis* physiology.

Reactive oxygen species trigger the fast action of glufosinate.

Gene expression patterns and related enzymatic activities of detoxification and oxidative stress systems in zebrafish larvae exposed to the 2,4-dichlorophenoxyacetic acid herbicide.

Neuroprotective effects of PACAP against paraquat-induced oxidative stress in the *Drosophila* central nervous system.

Glimepiride prevents paraquat-induced Parkinsonism in mice: involvement of oxidative stress and neuroinflammation.

Metabolic response of bacteria to elevated concentrations of glyphosate-based herbicide.

Impacts of S-metolachlor and terbuthylazine in fatty acid and carbohydrate composition of the benthic clam *Scrobicularia plana*.

Inflammatory Effects of Subacute Exposure of Roundup in Rat Liver and Adipose Tissue.

Effect of glyphosate on the growth, morphology, ultrastructure and metabolism of *Scenedesmus vacuolatus*.

How Glyphosate Impairs Liver Condition in the Field Lizard *Podarcis siculus* (Rafinesque-Schmaltz, 1810): Histological and Molecular Evidence.

Mutational signatures of redox stress in yeast single-strand DNA and of aging in human mitochondrial DNA share a common feature.

Comparative studies on endogenous stress hormones, antioxidant, biochemical and hematological status of metabolic disturbance in albino rat exposed to roundup herbicide and its active ingredient glyphosate.

Histopathological and ultrastructural indices for the assessment of glyphosate-based herbicide cytotoxicity in decapod crustacean hepatopancreas.

Prenatal exposure to the herbicide 2,4-D is associated with deficits in auditory processing during infancy.

Acrolein Is Involved in the Synergistic Potential of Cigarette Smoking- and Betel Quid Chewing-Related Human Oral Cancer.

Paraquat Exposure Increases Oxidative Stress Within the Dorsal Striatum of Male Mice With a Genetic Deficiency in One-carbon Metabolism.

The Alexipharmic Mechanisms of Five Licorice Ingredients Involved in CYP450 and Nrf2 Pathways in Paraquat-Induced Mice Acute Lung Injury.

Assessment of Glyphosate Induced Epigenetic Transgenerational Inheritance of Pathologies and Sperm Epimutations: Generational Toxicology.

Glyphosate, but not its metabolite AMPA, alters the honeybee gut microbiota.

Metabolomics Analysis in Acute Paraquat Poisoning Patients Based on UPLC-Q-TOF-MS and Machine Learning Approach.

Metabolic profiling of amino acids in paraquat-induced acute kidney injury.

Is soil contamination by a glyphosate commercial formulation truly harmless to non-target plants? - Evaluation of oxidative damage and antioxidant responses in tomato.

2,4-Dichlorophenoxyacetic acid containing herbicide impairs essential visually guided behaviors of larval fish.

Identification of the first glyphosate transporter by genomic adaptation.

Demonstrating the need for chemical exposure characterisation in a microplate test system: toxicity screening of sixteen pesticides on two marine microalgae.

Long-term Immunotoxic Effects of Oral Prenatal and Neonatal Atrazine Exposure.

Effects of glyphosate and aminomethylphosphonic acid on an isogenic model of the human blood-brain barrier.

Combined effects of pentachlorophenol and its byproduct hexachlorobenzene on endocrine and reproduction in zebrafish.

The GMO90+ Project: Absence of Evidence for Biologically Meaningful Effects of Genetically Modified Maize-based Diets on Wistar Rats After 6-Months Feeding Comparative Trial.

The Impact of Agent Orange Exposure on Prostate Cancer Outcomes.

Short-term glucose dysregulation following acute poisoning with organophosphorus insecticides but not herbicides, carbamate or pyrethroid insecticides in South Asia.

Subchronic low-dose 2,4-D exposure changed plasma acylcarnitine levels and induced gut microbiome perturbations in mice.

The Ramazzini Institute 13-week pilot study glyphosate-based herbicides administered at human-equivalent dose to Sprague Dawley rats: effects on development and endocrine system.

Toxicological impact of oxyfluorfen 24% herbicide on the reproductive system, antioxidant enzymes, and endocrine disruption of *Biomphalaria alexandrina* (Ehrenberg, 1831) snails.

Physiological responses of eelgrass (*Zostera marina*) to ambient stresses such as herbicide, insufficient light, and high water temperature.

Antioxidative status, immunological responses, and heat shock protein expression in hepatopancreas of Chinese mitten crab, *Eriocheir sinensis* under the exposure of glyphosate.

Hepatotoxicity and reproductive disruption in male lizards (*Eremias argus*) exposed to glufosinate-ammonium contaminated soil.

PBTK model for assessment of operator exposure to haloxyfop using human biomonitoring and toxicokinetic data.

Effects of dietary antioxidants and environmental stressors on immune function and condition in *Lithobates* (*Rana*) *sylvaticus*.

CYP81A P450s are involved in concomitant cross-resistance to acetolactate synthase and acetyl-CoA carboxylase herbicides in *Echinochloa phyllopogon*.

Enantioselective thyroid disruption in zebrafish embryo-larvae via exposure to environmental concentrations of the chloroacetamide herbicide acetochlor.

Alleviation of paraquat-induced oxidative lung injury by betaine via regulation of sulfur-containing amino acid metabolism despite the lack of betaine-homocysteine methyltransferase (BHMT) in the lung.

Assessment of the ecotoxicological impact of natural and synthetic β^2 -triketone herbicides on the diversity and activity of the soil bacterial community using omic approaches.

Male mammary gland development and methylation status of estrogen receptor alpha in Wistar rats are modified by the developmental exposure to a glyphosate-based herbicide.

Cyanobacterial antimetabolite 7-deoxy-sedoheptulose blocks the shikimate pathway to inhibit the growth of prototrophic organisms.

Adverse effects of acrolein, a ubiquitous environmental toxicant, on muscle regeneration and mass.

Moderation of physiological responses in rice plants with Azolla under 2,4-Dichlorophenoxy acetic acid stress.

Modeling microbial communities from atrazine contaminated soils promotes the development of biostimulation solutions.

Disruption of oocyte maturation by selected environmental chemicals in zebrafish.

Using mathematical modeling to infer the valence state of arsenicals in tissues: A PBPK model for dimethylarsinic acid (DMA(V)) and dimethylarsinous acid (DMA(III)) in mice.

Longitudinal stability in cigarette smokers of urinary biomarkers of exposure to the toxicants acrylonitrile and acrolein.

Modeling the mobility of glyphosate from two contrasting agricultural soils in laboratory column experiments.

Respiration induced by substrate and bacteria diversity after application of diuron, hexazinone, and sulfometuron-methyl alone and in mixture.

Effects of s-metolachlor on early life stages of marbled crayfish.

Herbicide Paraquat provokes the stress responses of HPA axis of laboratory mouse, *Mus musculus*.

Neuroprotective action of Eicosapentaenoic (EPA) and Docosahexaenoic (DHA) acids on Paraquat intoxication in *Drosophila melanogaster*.

Atrazine exposure triggers common carp neutrophil apoptosis via the CYP450s/ROS pathway.

Effect of trans-Cinnamaldehyde on Methicillin-Resistant *Staphylococcus aureus* Biofilm Formation: Metabolic Activity Assessment and Analysis of the Biofilm-Associated Genes Expression.

Brain ethanol-metabolizing enzymes are differentially expressed in lead-exposed animals after voluntary ethanol consumption: Pharmacological approaches.

Effect of Fenofibrate on the Expression of Inflammatory Mediators in a Diabetic Rat Model.

Association of plasma folate, vitamin B12 levels, and arsenic methylation capacity with developmental delay in preschool children in Taiwan.

Evaluation of relaxant responses properties of cinnamon essential oil and its major component, cinnamaldehyde on human and rat corpus cavernosum.

Speciation analysis of arsenic in urine samples from APL patients treated with single agent As(2)O(3) by HPLC-HG-AFS.

The relationship between acrolein and oxidative stress in COPD: in systemic plasma and in local lung tissue.

Cinnamaldehyde Ameliorates High-Glucose-Induced Oxidative Stress and Cardiomyocyte Injury Through Transient Receptor Potential Ankyrin 1.

Photobiomodulation therapy reduces acute pain and inflammation in mice.

Mendelian randomization of inorganic arsenic metabolism as a risk factor for hypertension- and diabetes-related traits among adults in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL) cohort.

Anti-inflammatory effect of trans-4-methoxycinnamaldehyde from *Etilingera pavieana* in LPS-stimulated macrophages mediated through inactivation of NF- κ B and JNK/c-Jun signaling pathways and in rat models of acute inflammation.

Activation of Nrf2 attenuates delayed gastric emptying in obesity induced diabetic (T2DM) female mice.

Cinnamaldehyde regulates H₂O₂-induced skeletal muscle atrophy by ameliorating the proteolytic and antioxidant defense systems.

Topical Application of Cinnamaldehyde Promotes Faster Healing of Skin Wounds Infected with *Pseudomonas aeruginosa*.

Time course of arsenic species in red blood cells of acute promyelocytic leukemia (APL) patients treated with single agent arsenic trioxide.

Exposure to atrazine during puberty reduces sperm viability, increases weight gain and alters the expression of key metabolic genes in the liver of male mice.

On the Use of Hair Analysis for Assessing Arsenic Intoxication.

Inhibition of the Nrf2/HO-1 Axis Suppresses the Mitochondria-Related Protection Promoted by Gastrodin in Human Neuroblastoma Cells Exposed to Paraquat.

Curcumin and Cinnamaldehyde as PTP1B Inhibitors With Antidiabetic and Anticancer Potential.

Cinnamaldehyde ameliorates STZ-induced rat diabetes through modulation of IRS1/PI3K/AKT2 pathway and AGEs/RAGE interaction.

Mitochondrial superoxide generation induces a parkinsonian phenotype in zebrafish and huntingtin aggregation in human cells.

Urinary acrolein metabolite levels in severe acute alcoholic hepatitis patients.

Hydrogen cyanamide induces grape bud endodormancy release through carbohydrate metabolism and plant hormone signaling.

Enhanced Metabolic Degradation: The Last Evolved Glyphosate Resistance Mechanism of Weeds?

Sustained Human Background Exposure to Acrolein Evidenced by Monitoring Urinary Exposure Biomarkers.

Investigation of the presence of glyphosate and its major metabolite AMPA in Greek soils.

Assessment of hematological, hepato-renal, antioxidant, and hormonal responses of *Clarias gariepinus* exposed to sub-lethal concentrations of oxyfluorfen.

Superoxide-hydrogen peroxide imbalance differentially modulates the keratinocytes cell line (HaCaT) oxidative metabolism via Keap1-Nrf2 redox signaling pathway.

Purification, molecular characterization and metabolic mechanism of an aerobic tetrabromobisphenol A dehalogenase, a key enzyme of halorespiration in *Ochrobactrum* sp. T.

Trp-1999-Ser mutation of acetyl-CoA carboxylase and cytochrome P450s-involved metabolism confer resistance to fenoxaprop-P-ethyl in *Polypogon fugax*.

Short-chain lipid peroxidation products form covalent adducts with pyruvate kinase and inhibit its activity in vitro and in breast cancer cells.

Analysis of Soybean Somatic Embryogenesis Using Chromosome Segment Substitution Lines and Transcriptome Sequencing.

Mitochondrial Oxidative Stress Impairs Energy Metabolism and Reduces Stress Resistance and Longevity of *C. elegans*.

Rapid metabolism increases the level of 2,4-D resistance at high temperature in common waterhemp (*Amaranthus tuberculatus*).

Enhanced metabolism causes reduced flufenacet sensitivity in black-grass (*Alopecurus myosuroides* Huds.) field populations.

Unsaturated Aldehyde Acrolein Promotes Retinal Glial Cell Migration.

Isolation, identification and characterization of *Streptomyces* metabolites as a potential bioherbicide.

Cellular Uptake and Clearance of Oxidatively-modified Apolipoprotein E3 by Cerebral Cortex Endothelial Cells.

The Antialgal Mechanism of Luteolin-7-O-Glucuronide on *Phaeocystis globosa* by Metabolomics Analysis.

Fast analysis of glufosinate, glyphosate and its main metabolite, aminomethylphosphonic acid, in edible oils, by liquid chromatography coupled with electrospray tandem mass spectrometry.

Speciation transformation of arsenic in abalone viscera hydrolysate fraction: In vitro digestion and in vivo metabolism.

2,4-D causes oxidative stress induction and apoptosis in human dental pulp stem cells (hDPSCs).

Bioavailability and metabolism in a soil-crop system compared using DGT and conventional extraction techniques.

NMR-based metabolomics and bioassays to study phytotoxic extracts and putative phytotoxins from Mediterranean plant species.

Genotoxicity of water samples from an area of the Pampean region (Argentina) impacted by agricultural and livestock activities.

Role of Glutamine Synthetase Isogenes and Herbicide Metabolism in the Mechanism of Resistance to Glufosinate in *Lolium perenne* L. spp. multiflorum Biotypes from Oregon.

Metabolism and disposition of arsenic species from controlled dosing with dimethylarsinic acid (DMA(V)) in adult female CD-1 mice. V. Toxicokinetic studies following oral and intravenous administration.

Residues of pesticides and some metabolites in dissolved and particulate phase in surface stream water of Cachapoal River basin, central Chile.

Target-Site and Metabolic Resistance Mechanisms to Penoxsulam in Barnyardgrass (*Echinochloa crus-galli* (L.) P. Beauv).

A urinary metabolomics study of a Polish subpopulation environmentally exposed to arsenic.

Salicylic acid alleviates glyphosate-induced oxidative stress in *Hordeum vulgare* L.

Biological effect of protein modifications by lipid peroxidation products.

Concentration of metabolites from *Phoma* sp. using microfiltration membrane for increasing bioherbicidal activity.

Metabolic Activation and Cytotoxicity of Aloe-Emodin Mediated by Sulfotransferases.

Role of CYP81A cytochrome P450s in clomazone metabolism in *Echinochloa phyllopogon*.

Behavior of the Chiral Herbicide Imazamox in Soils: pH-Dependent, Enantioselective Degradation, Formation and Degradation of Several Chiral Metabolites.

Diquat Determines a Deregulation of lncRNA and mRNA Expression in the Liver of Postweaned Piglets.

Pentachlorophenol-induced cytotoxicity in human erythrocytes: enhanced generation of ROS and RNS, lowered antioxidant power, inhibition of glucose metabolism, and morphological changes.

Towards integrated multi-sensor platform using dual electrochemical and optical detection for on-site pollutant detection in water.

Direct Determination of Glyphosate and its Metabolite AMPA in Soil Using Mixed-Mode Solid-Phase Purification and LC-MS/MS Determination on a Hypercarb Column.

Effect of roxarsone metabolites in chicken manure on soil biological property.

â€¦ Fell Upas Sits, the Hydra-Tree of Death (â€¦), or the Phytotoxicity of Trees.

Dual-template imprinted polymers for class-selective solid-phase extraction of seventeen triazine herbicides and metabolites in agro-products.

Use of an integrated metabolomics platform for mechanistic investigations of three commonly used algaecides on cyanobacterium, *Microcystis aeruginosa*.

Simultaneous determination of saflufenacil and three metabolites in five agriculture products using liquid chromatography-Tandem mass spectrometry.

Effects of inhibition of hepatic sulfotransferase activity on renal genotoxicity induced by lucidin-3-O-primeveroside.

Detection of glyphosate and its metabolites in food of animal origin based on ion-chromatography-high resolution mass spectrometry (IC-HRMS).

Interaction of methyl viologen-induced chloroplast and mitochondrial signalling in Arabidopsis.

Gene-environment interaction and maternal arsenic methylation efficiency during pregnancy.

Removal of batch effects using stratified subsampling of metabolomic data for in vitro endocrine disruptors screening.

A method for determining glyphosate and its metabolite aminomethyl phosphonic acid by gas chromatography-flame photometric detection.

Recent developments in metabolomics-based research in understanding transgenic grass metabolism.

Does juvenile hormone prompt oxidative stress in male damselflies?

Effects of 2,4-Dichlorophenoxyacetic Acid on Cucumber Fruit Development and Metabolism.

Redox-dependent catalase mimetic cerium oxide-based nanozyme protect human hepatic cells from 3-AT induced acatalasemia.

Yeast chemogenomic screen identifies distinct metabolic pathways required to tolerate exposure to phenolic fermentation inhibitors ferulic acid, 4-hydroxybenzoic acid and coniferyl aldehyde.

Metribuzin Resistance in a Wild Radish (*Raphanus raphanistrum*) Population via Both psbA Gene Mutation and Enhanced Metabolism.

Reduced Absorption and Impaired Translocation Endows Glyphosate Resistance in *Amaranthus palmeri* Harvested in Glyphosate-Resistant Soybean from Argentina.

Metabolic activity testing can underestimate acute drug cytotoxicity as revealed by HepG2 cell clones overexpressing cytochrome P450 2C19 and 3A4.

Development of native forest species of the Atlantic forest in soil contaminated with hormonal herbicides.

[Determination of Flufenacet and Its Metabolites in Agricultural Products by LC-MS/MS].

Reduction of Kiss1 expression in the anteroventral periventricular nucleus is associated with atrazine-induced attenuation of the luteinizing hormone surge in female rats.

Serum Proteomic Profiling Analysis of Rats Chronically Exposed to Arsenic.

Serum P-Cresyl Sulfate Is a Predictor of Central Arterial Stiffness in Patients on Maintenance Hemodialysis.

Hypertension in Relation to Dioxins and Polychlorinated Biphenyls from the Anniston Community Health Survey Follow-Up.

Geographic distribution and environmental risk factors of lymphoma in dogs under primary-care in the UK.

Aryl hydrocarbon receptor pathway: Role, regulation and intervention in atherosclerosis therapy (Review).

The gut microbiota and its relationship with chronic kidney disease.

Dioxin-like (DL-) polychlorinated biphenyls induced immunotoxicity through apoptosis in mice splenocytes via the AhR mediated mitochondria dependent signaling pathways.

Environmental exposures in young adults with declining kidney function in a population at risk of Mesoamerican nephropathy.

Simultaneous quantification of estrogens and glucocorticoids in human adipose tissue by liquid-chromatography-tandem mass spectrometry.

LncRNA-241 inhibits 1,2-Dichloroethane-induced hepatic apoptosis.

Prenatal exposure to glycol ethers and motor inhibition function evaluated by functional MRI at the age of 10 to 12 years in the PELAGIE mother-child cohort.

Mitochondrial Uncoupling Coordinated With PDH Activation Safely Ameliorates Hyperglycemia via Promoting Glucose Oxidation.

High fat diet deteriorates the memory impairment induced by arsenic in mice: a sub chronic in vivo study.

Clinical association between the metabolite of healthy gut microbiota, 3-indolepropionic acid and chronic kidney disease.

Plasma Metabolic Profiling Analysis of Gout Party on Acute Gout Arthritis Rats Based on UHPLC-Q-TOF/MS Combined with Multivariate Statistical Analysis.

Expression and Functional Analysis of Hepcidin from Mandarin Fish (*Siniperca chuatsi*).

Metabolomics for improved treatment monitoring of phenylketonuria: urinary biomarkers for non-invasive assessment of dietary adherence and nutritional deficiencies.

Discovery of HWL-088: A highly potent FFA1/GPR40 agonist bearing a phenoxyacetic acid scaffold.

Nephrotoxic metals of cadmium, lead, mercury and arsenic and the odds of kidney stones in adults: An exposure-response analysis of NHANES 2007-2016.

Functions of aryl hydrocarbon receptor (AHR) and CD38 in NAD metabolism and nonalcoholic steatohepatitis (NASH).

In utero dioxin exposure and cardiometabolic risk in the Seveso Second Generation Study.

NLRX1 Regulation Following Acute Mitochondrial Injury.

Epigenetic Activation of BRCA1 by Genistein In Vivo and Triple Negative Breast Cancer Cells Linked to Antagonism toward Aryl Hydrocarbon Receptor.

Epidemic of Chronic Kidney Disease of Nontraditional Etiology in El Salvador: Integrated Health Sector Action and South-South Cooperation.

Creatine is Neuroprotective to Retinal Neurons In Vitro But Not In Vivo.

Metal-induced nephrotoxicity to diabetic and non-diabetic Wistar rats.

GH3 and RC-4BC cell lines are not suitable as in vitro models to study prolactin modulation and AHR responsiveness in rat pituitary.

Design, synthesis and biological evaluation of novel FFA1/GPR40 agonists: New breakthrough in an old scaffold.

Mass spectrometry-based urinary metabolomics for the investigation on the mechanism of action of *Eleutherococcus senticosus* (Rupr. & Maxim.) Maxim. leaves against ischemic stroke in rats.

Tissue-Specific Peculiarities of Vibration-Induced Hypoxia in Rabbit Liver and Kidney.

Food as medicine: Selenium enriched lentils offer relief against chronic arsenic poisoning in Bangladesh.

Multi-Compartment Profiling of Bacterial and Host Metabolites Identifies Intestinal Dysbiosis and Its Functional Consequences in the Critically Ill Child.

Can contamination of the environment by dioxins cause craniofacial defects?

Role of epigenetic regulation of Igf2 and H19 in 2,3,7,8-Tetrachlorobenzo-p-dioxin (TCDD)-induced ovarian toxicity in offspring rats.

Targetome analysis of chaperone-mediated autophagy in cancer cells.

Fecal Changes Following Introduction of Milk in Infants With Outgrowing Non-IgE Cow's Milk Protein Allergy Are Influenced by Previous Consumption of the Probiotic LGG.

Selected persistent organic pollutants associated with the risk of primary ovarian insufficiency in women.

Interleukin 33 Expression Induced by Aryl Hydrocarbon Receptor in Macrophages.

A comprehensive review on hepatoprotective and nephroprotective activities of chrysin against various drugs and toxic agents.

Effects of dietary fat on gut microbiota and faecal metabolites, and their relationship with cardiometabolic risk factors: a 6-month randomised controlled-feeding trial.

LC-MS/MS study of the degradation processes of nitisinone and its by-products.

Relative Effect Potency Estimates for Dioxin-Like Compounds in Pregnant Women with Gestational Diabetes Mellitus and Blood Glucose Outcomes Based on a Nested Case-control Study.

Effects of Aryl Hydrocarbon Receptor Deficiency on PCB-77-Induced Impairment of Glucose Homeostasis during Weight Loss in Male and Female Obese Mice.

Stress granules are formed in renal proximal tubular cells during metabolic stress and ischemic injury for cell survival.

Chlorinated persistent organic pollutants and type 2 diabetes - A population-based study with pre- and post- diagnostic plasma samples.

Psammalyisin F increases the efficacy of bortezomib and sorafenib through regulation of stress granule formation.

Persistent organic pollutants, pesticides, and the risk of thyroid cancer: systematic review and meta-analysis.

The AtHSP17.4C1 Gene Expression Is Mediated by Diverse Signals that Link Biotic and Abiotic Stress Factors with ROS and Can Be a Useful Molecular Marker for Oxidative Stress.

Role of dantrolene in dinitrophenol (DNP) overdose: A continuing question?

High temperature aggravates the effects of pesticides in goldfish.

Slime dermatitis.

Pesticide use and incident hyperthyroidism in farmers in the Agricultural Health Study.

Aryl hydrocarbon receptor (AHR) functions in NAD(+) metabolism, myelopoiesis and obesity.

Prenatal exposure to organohalogen compounds and children's mental and motor development at 18 and 30 months of age.

Development of the LC-MS/MS method for determining the p-cresol level in plasma.

Metabolic perturbation, proliferation and reactive oxygen species jointly contribute to cytotoxicity of human breast cancer cell induced by tetrabromo and tetrachloro bisphenol A.

Characterization of dissolved organic carbon in shallow groundwater of chronic kidney disease affected regions in Sri Lanka.

Chiral phenoxyacetic acid analogues inhibit colon cancer cell proliferation acting as PPAR γ partial agonists.

The 2nd to 4th digit length ratio (2D:4D) among children of Seveso women exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Respiratory analysis as a tool to detect physiological changes in Anisakis larvae subjected to stress.

Effect of continuous venovenous haemodialysis on outcome and pharmacokinetics of arsenic species in a patient with acute promyelocytic leukaemia and acute kidney injury.

Non-targeted metabolomic biomarkers and metabolotypes of type 2 diabetes: A cross-sectional study of PREDIMED trial participants.

Adhesion and invasion of gingival epithelial cells by Porphyromonas gulae.

Arsenic-induced BRCA1 CpG promoter methylation is associated with the downregulation of ER α and resistance to tamoxifen in MCF7 breast cancer cells and mouse mammary tumor xenografts.

Persistent organic pollutants and gestational diabetes: A multi-center prospective cohort study of healthy US women.

Cell surface heparan sulfate proteoglycans are involved in the extracellular Hsp90-stimulated migration and invasion of cancer cells.

Long-term airborne dioxin exposure and breast cancer risk in a case-control study nested within the French E3N prospective cohort.

The role of prostaglandin E(2) receptor EP1 in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced neonatal hydronephrosis in mice.

Associations between endocrine disrupting chemicals and equine metabolic syndrome phenotypes.

Urinary 2,5-dichlorophenol and 2,4-dichlorophenol concentrations and prevalent disease among adults in the National Health and Nutrition Examination Survey (NHANES).

Identification of Metabolites Associated with Onset of CAD in Diabetic Patients Using CE-MS Analysis: A Pilot Study.

Moderate Physical Activity in an Aquatic Environment During Pregnancy (SWEP Study) and Its Influence in Preventing Postpartum Depression.

Synbiotic meal decreases uremic toxins in hemodialysis individuals: A placebo-controlled trial.

A two-photon excited O(2)-evolving nanocomposite for efficient photodynamic therapy against hypoxic tumor.

Targeted deletion of the aryl hydrocarbon receptor in dendritic cells prevents thymic atrophy in response to dioxin.

The protective effect exerted by dietary borax on toxicity metabolism in rainbow trout (*Oncorhynchus mykiss*) tissues.

Gas chromatography-mass spectrometry based metabolomics profile of hippocampus and cerebellum in mice after chronic arsenic exposure.

Konzo: a distinct neurological disease associated with food (cassava) cyanogenic poisoning.

Mechanisms of Developmental Toxicity of Dioxins and Related Compounds.

Polychlorinated biphenyl exposures differentially regulate hepatic metabolism and pancreatic function: Implications for nonalcoholic steatohepatitis and diabetes.

A Toxicogenomic Approach Reveals a Novel Gene Regulatory Network Active in In Vitro and In Vivo Models of Thyroid Carcinogenesis.

Depressed prostaglandins and leukotrienes in veterans with Gulf War illness.

Biochanin A prevents 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced adipocyte dysfunction in cultured 3T3-L1 cells.

Hygienic assessment of the effects of pesticides application on children population morbidity with thyroid gland diseases.

Modelling the role of microbial p-cresol in colorectal genotoxicity.

Gut microbiome disruption altered the biotransformation and liver toxicity of arsenic in mice.

Metabolism and disposition of arsenic species from oral dosing with sodium arsenite in neonatal CD-1 mice. IV. Toxicokinetics following gavage administration and lactational transfer.

Novel metabolites from *Trichoderma atroviride* against human prostate cancer cells and their inhibitory effect on *Helicobacter pylori* and *Shigella* toxin producing *Escherichia coli*.

A "seasonal bromoderma" in a farmer.

Moderate Renal Impairment and Toxic Metabolites Produced by the Intestinal Microbiome: Dietary Implications.

The specific impact of uremic toxins upon cognitive domains: a review.

Aryl Hydrocarbon Receptor Modulates the Expression of TNF- α and IL-8 in Human Sebocytes via the MyD88-p65NF- κ B/p38MAPK Signaling Pathways.

Comparison of the Androgenic Response of Spring and Winter Wheat (*Triticum aestivum* L.).

Basin-scale monitoring and risk assessment of emerging contaminants in South American Atlantic coastal lagoons.

Method Development for Effect-Directed Analysis of Endocrine Disrupting Compounds in Human Amniotic Fluid.

Environmental Chemical Diethylhexyl Phthalate Alters Intestinal Microbiota Community Structure and Metabolite Profile in Mice.

Improvised method for urinary p-cresol detection and measurement using high performance liquid chromatography/mass spectrometry.

Integrative Metabolomic and Metallomic Analysis in a Case-Control Cohort With Parkinson's Disease.

Genome-Scale Metabolic Reconstruction of *Acetobacter pasteurianus* 386B, a Candidate Functional Starter Culture for Cocoa Bean Fermentation.

Associations of Benzo(ghi)perylene and Heptachlorodibenzo-p-dioxin in Serum of Service Personnel Deployed to Balad, Iraq, and Bagram, Afghanistan Correlates With Perturbed Amino Acid Metabolism in Human Lung Fibroblasts.

Synthesis and characterization of a 5-membered ring cyclic hydroxylamine coupled to triphenylphosphonium to detect mitochondrial superoxide by EPR spectrometry.

Secondary metabolites that could contribute to the monodominance of *Erythrina fusca* in the Brazilian Pantanal.

Oxidative stress, lysosomal damage and dysfunctional autophagy in molluscan hepatopancreas (digestive gland) induced by chemical contaminants.

Genome-Scale Characterization of Toxicity-Induced Metabolic Alterations in Primary Hepatocytes.

Soil microalgae and cyanobacteria: the biotechnological potential in the maintenance of soil fertility and health.

Soil attribute regulates assimilation of roxarsone metabolites by rice (*Oryza sativa* L.).

Arsenic metabolism in technical biogas plants: possible consequences for resident microbiota and downstream units.

Dietary Supplementation With Citrus Extract Altered the Intestinal Microbiota and Microbial Metabolite Profiles and Enhanced the Mucosal Immune Homeostasis in Yellow-Feathered Broilers.

Combination of yeast-based *in vitro* screens with high-performance thin-layer chromatography as a novel tool for the detection of hormonal and dioxin-like compounds.

Effect of Zearalenone and Hormone Regulators on Microspore Embryogenesis in Anther Culture of Wheat.

Effect of Heat Stress on Bacterial Composition and Metabolism in the Rumen of Lactating Dairy Cows.

Gut Microbiota in Alcoholic Hepatitis is Disparate from Those in Acute Alcoholic Pancreatitis and Biliary Disease.

Characterizing the Role of HMG-CoA Reductase in Aryl Hydrocarbon Receptor-Mediated Liver Injury in C57BL/6 Mice.

Degradation of Fenoxaprop-p-Ethyl and Its Metabolite in Soil and Wheat Crops.

A dual mixture of persistent organic pollutants modifies carbohydrate metabolism in the human hepatic cell line HepaRG.

Ultrasonic energy-assisted *in-situ* synthesis of Ru(0)/PANI/g-C(3)N(4) nanocomposite: Application for picomolar-level electrochemical detection of endocrine disruptor (Bisphenol-A) in humans and animals.

Metabolism and disposition of arsenic species from controlled dosing with sodium arsenite in adult and neonatal rhesus monkeys. VI. Toxicokinetic studies following oral administration.

Metabolomics as read-across tool: An example with 3-aminopropanol and 2-aminoethanol.

The Effect of an Iron Supplement on Lycopene Metabolism and Absorption During Digestion in Healthy Humans.

Cholestatic liver disease results increased production of reactive aldehydes and an atypical periportal hepatic antioxidant response.

Acetaldehyde Induces an Endothelium-Dependent Relaxation of Superior Mesenteric Artery: Potential Role in Postprandial Hyperemia.

Enantioselective Degradation and Chiral Stability of Glufosinate in Soil and Water Samples and Formation of 3-Methylphosphinicopropionic Acid and N-Acetyl-glufosinate Metabolites.

Temporal Dynamics of the Soil Metabolome and Microbiome During Simulated Anaerobic Soil Disinfestation.

In vitro application of sodium arsenite to mice testicular and epididymal organ cultures induces oxidative, biochemical, hormonal, and genotoxic stress.

Energy Metabolism and Redox State in Brains of Wistar Audiogenic Rats, a Genetic Model of Epilepsy.

Estrogen withdrawal and replacement differentially target liver and adipose tissues in female mice fed a high-fat high-sucrose diet: impact of a chronic exposure to a low-dose pollutant mixture(â~+).

Blood pharmacokinetic of 17 common pesticides in mixture following a single oral exposure in rats: implications for human biomonitoring and exposure assessment.

Xenopus laevis as a Bioindicator of Endocrine Disruptors in the Region of Central Chile.

Arsenic impairs GLUT1 trafficking through the inhibition of the calpain system in lymphocytes.

Simultaneous analysis of indaziflam and its metabolites in pitaya using dispersive solid phase extraction coupled with liquid chromatography coupled with tandem mass spectrometry.

Aryl hydrocarbon receptor ligands increase ABC transporter activity and protein expression in killifish (Fundulus heteroclitus) renal proximal tubules.

10,000-Times Diluted Doses of ACCase-Inhibiting Herbicides Can Permanently Change the Metabolomic Fingerprint of Susceptible Avena fatua L. Plants.

Updated peer review of the pesticide risk assessment for the active substance terbuthylazine in light of confirmatory data submitted.

Enterobacter asburiae Reduces Cadmium Toxicity in Maize Plants by Repressing Iron Uptake-Associated Pathways.

Hepatic heparan sulfate is a master regulator of hepcidin expression and iron homeostasis in human hepatocytes and mice.

Neuroprotective effects of anthocyanins and its major component cyanidin-3-O-glucoside (C3G) in the central nervous system: An outlined review.

Monitoring of organophosphate and pyrethroid metabolites in human urine samples by an automated method (TurboFlow(â,,ç)) coupled to ultra-high performance liquid chromatography-Orbitrap mass spectrometry.

Pyrazinamide may possess cardioprotective properties.

Pesticide metabolite concentrations in Queensland pre-schoolers - Exposure trends related to age and sex using urinary biomarkers.

Temporal variability in urinary pesticide concentrations in repeated-spot and first-morning-void samples and its association with oxidative stress in healthy individuals.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the differentiation of embryonic stem cells towards pancreatic lineage and pancreatic beta cell function.

Relationship between faecal microbiota and plasma metabolome in rats fed NK603 and MON810 GM maize from the GMO90+ study.

Obesity and cancer: A mechanistic overview of metabolic changes in obesity that impact genetic instability.

Gut microbial transformation of the dietary mutagen MeIQx may reduce exposure levels without altering intestinal transport.

Simultaneous Determination of Rimsulfuron and Haloxyfop-P-methyl and Its Metabolite Haloxyfop in Tobacco Leaf by LC-MS/MS.

Comparison of Urinary Biomarkers of Exposure in Humans Using Electronic Cigarettes, Combustible Cigarettes, and Smokeless Tobacco.

Astrocytic Oxidative/Nitrosative Stress Contributes to Parkinson's Disease Pathogenesis: The Dual Role of Reactive Astrocytes.

Defining the Contribution of CYP1A1 and CYP1A2 to Drug Metabolism Using Humanized CYP1A1/1A2 and Cyp1a1/Cyp1a2 Knockout Mice.

Composition and endocrine effects of water collected in the Kibale national park in Uganda.

The impact of maternally derived dioxins on embryonic development and hepatic AHR signaling in a long-lived apex predator.

Development and validation of a sensitive liquid-chromatography tandem mass spectrometry assay for mycophenolic acid and metabolites in HepaRG cell culture: Characterization of metabolism interactions between p-cresol and mycophenolic acid.

Gas chromatography-mass spectrometry metabolomics-based prediction of potato tuber sprouting during long-term storage.

Metabolism of 3-[5'-deoxy-5'-(dimethylarsinoyl)- β -ribofuranosyloxy]-2-hydroxypropylene glycol in an artificial digestive system.

Systematic Isolation and Structure Elucidation of Urinary Metabolites Optimized for the Analytical-Scale Molecular Profiling Laboratory.

Occurrence and ecological risk of pharmaceuticals and personal care products (PPCPs) and pesticides in typical surface watersheds, China.

Metabolomic analysis of energy regulated germination and sprouting of organic mung bean (*Vigna radiata*) using NMR spectroscopy.

Status Epilepticus Caused by an Herbicide Poisoning.

Comparing the Microbial Community in Four Stomach of Dairy Cattle, Yellow Cattle and Three Yak Herds in Qinghai-Tibetan Plateau.

Photodegradation of Myrigalone A, an Allelochemical from *Myrica gale*: Photoproducts and Effect of Terpenes.

3-Chloro-5-trifluoromethylpyridine-2-carboxylic acid, a Metabolite of the Fungicide Fluopyram, Causes Growth Disorder in *Vitis vinifera*.

Multiple Metabolic Pathways of 2,4,6-Tribromophenol in Rice Plants.

Effects of Pinacidil and Calcium on Succinate-Energized Rat Heart Mitochondria in the Presence of Rotenone.

Proposed Key Characteristics of Female Reproductive Toxicants as an Approach for Organizing and Evaluating Mechanistic Data in Hazard Assessment.

Alcohol dehydrogenase 1 participates in the Crabtree effect and connects fermentative and oxidative metabolism in the Zygomycete *Mucor circinelloides*.

Effect of plant extracts on the genotoxicity of 1'-hydroxy alkenylbenzenes.

Neuroprotective Role of Selected Antioxidant Agents in Preventing Cisplatin-Induced Damage of Human Neurons In Vitro.

Bacterial diversity and metabolite profiles of curd prepared by natural fermentation of raw milk and back sloping of boiled milk.

A Quantitative HILIC-MS/MS Assay of the Metabolic Response of Huh-7 Cells Exposed to 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Hermetia illucens larvae as a potential dietary protein source altered the microbiota and modulated mucosal immune status in the colon of finishing pigs.

Host Gender and Androgen Levels Regulate Gut Bacterial Taxa in Pigs Leading to Sex-Biased Serum Metabolite Profiles.

Study on the Metabolism of Six Systemic Insecticides in a Newly Established Cell Suspension Culture Derived from Tea (*Camellia Sinensis* L.) Leaves.

Toxicity of perfluorooctane sulfonate on *Phanerochaete chrysosporium*: Growth, pollutant degradation and transcriptomics.

Scientific Opinion on the setting of health-based reference values for metabolites of the active substance terbuthylazine.

[Effects of exogenous ABA on translocation of photosynthate to fruit of Fuji apple during late stage of fruit rapid-swelling.].

Pollutants released from the pulp paper industry: Aquatic toxicity and their health hazards.

An LC-MS/MS method to profile urinary mercapturic acids, metabolites of electrophilic intermediates of occupational and environmental toxicants.

Toxicity of binary mixtures of pesticides to the marine microalgae *Tisochrysis lutea* and *Skeletonema marinoi*: Substance interactions and physiological impacts.

Thyroid and reproductive hormones in relation to pesticide use in an agricultural population in Southern Brazil.

Measurement of Respiration Rate in Live *Caenorhabditis elegans*.

Very Low Protein Diet for Patients with Chronic Kidney Disease: Recent Insights.

Thiamine and benfotiamine protect neuroblastoma cells against paraquat and $\text{A}\beta$ -amyloid toxicity by a coenzyme-independent mechanism.

ifl54 (*ifl*) plays a central role in carbon metabolism in the industrially relevant *Clostridium beijerinckii*.

Growth and metabolite production of a grape sour rot yeast-bacterium consortium on different carbon sources.

Identification of acrolein metabolites in human buccal cells, blood, and urine after consumption of commercial fried food.

Gender- and dose-related metabolome alterations in rat offspring after in utero and lactational exposure to PCB 180.

Attenuation of the effects of oxidative stress by the MAO-inhibiting antidepressant and carbonyl scavenger phenelzine.

Heavy metal exposure causes changes in the metabolic health-associated gut microbiome and metabolites.

Prebiotic Supplementation of In Vitro Fecal Fermentations Inhibits Proteolysis by Gut Bacteria, and Host Diet Shapes Gut Bacterial Metabolism and Response to Intervention.

Arsenic-Induced Neurotoxicity by Dysfunctioning Cholinergic and Dopaminergic System in Brain of Developing Rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin abolishes circadian regulation of hepatic metabolic activity in mice.

Metabolic functions of the human gut microbiota: the role of metalloenzymes.

The stimulating role of syringic acid, a plant secondary metabolite, in the microbial degradation of structurally-related herbicide, MCPA.

Polychlorinated Biphenyls and Nonalcoholic Fatty Liver Disease.

Synthesis and preclinical evaluation of the CRTH2 antagonist [(11)C]MK-7246 as a novel PET tracer and potential surrogate marker for pancreatic beta-cell mass.

Characterization of interactions between a metabolic uncoupler O-chlorophenol and extracellular polymeric substances of activated sludge.

Organic diet intervention significantly reduces urinary pesticide levels in U.S. children and adults.

Immunomodulatory effects of synthetic endocrine disrupting chemicals on the development and functions of human immune cells.

Glutathione peroxidase-1 inhibits transcription of regenerating islet-derived protein-2 in pancreatic islets.

Corrigendum: Identification of phenol- and p-cresol-producing intestinal bacteria by using media supplemented with tyrosine and its metabolites.

Serum folate levels and urinary arsenic methylation profiles in the US population: NHANES, 2003-2012.

Administration of Fenugreek Seed Extract Produces Better Effects in Glibenclamide-Induced Inhibition in Hepatic Lipid Peroxidation: An in vitro Study.

Lipidomic profiling of subchronic As(4)S(4) exposure identifies inflammatory mediators as sensitive biomarkers in rats.

Elevated arsenic exposure and efficient arsenic metabolism in indigenous women around Lake Poopó³, Bolivia.

Transcriptomic Impact of IMA-08401, a Novel AHR Agonist Resembling Laquinimod, on Rat Liver.

Depressive Symptoms After PCB Exposure: Hypotheses for Underlying Pathomechanisms via the Thyroid and Dopamine System.

The histone methyltransferase G9a regulates tolerance to oxidative stress-induced energy consumption.

The Main Metabolites of Fluorouracil + Adriamycin + Cyclophosphamide (FAC) Are Not Major Contributors to FAC Toxicity in H9c2 Cardiac Differentiated Cells.

Excessive Reactive Iron Impairs Hematopoiesis by Affecting Both Immature Hematopoietic Cells and Stromal Cells.

Compositional and Functional Differences between Microbiota and Cervical Carcinogenesis as Identified by Shotgun Metagenomic Sequencing.

Characterizing the microbial diversity and major metabolites of Sichuan bran vinegar augmented by *Monascus purpureus*.

Effects of glyphosate on soybean metabolism in strains bred for glyphosate-resistance.

Na(+) and Cl(-) induce differential physiological, biochemical responses and metabolite modulations in vitro in contrasting salt-tolerant soybean genotypes.

Ioxynil and diethylstilbestrol disrupt vascular and heart development in zebrafish.

ABA promotes starch synthesis and storage metabolism in dormant grapevine buds.

ER stress differentially affects pro-inflammatory changes induced by mitochondrial dysfunction in the human monocytic leukemia cell line, THP-1.

The endocrine-disrupting potential of four chlorophenols by *in vitro* and *in silico* assay.

Nonderivatization method for determination of glyphosate, glufosinate, bialaphos, and their main metabolites in environmental waters based on magnetic metal-organic framework pretreatment.

Oxidative stress induces release of 2'-AMP from microglia.

Cilostazol Attenuates Retinal Oxidative Stress and Inflammation in a Streptozotocin-Induced Diabetic Animal Model.

Abscisic acid prevents pollen abortion under high-temperature stress by mediating sugar metabolism in rice spikelets.

Environmental toxicants in breast milk of Norwegian mothers and gut bacteria composition and metabolites in their infants at 1 month.

Evaluation of PCDD/Fs, dioxin-like PCBs and PBDEs in sperm whales from the Mediterranean Sea.

Differential Production of Phenylpropanoid Metabolites in Callus Cultures of *Ocimum basilicum* L. with Distinct *In Vitro* Antioxidant Activities and *In Vivo* Protective Effects against UV stress.

Native roles of Baeyer-Villiger monooxygenases in the microbial metabolism of natural compounds.

Radiosynthesis and *in vivo* evaluation of (11)C-labeled BMS-193885 and its desmethyl analog as PET tracers for neuropeptide Y1 receptors.

Optimization and establishment of QuEChERS based method for determination of propoxycarbazone and its metabolite in food commodities by liquid chromatography coupled to tandem mass spectrometry.

Study of the Potential Endocrine-Disrupting Effects of Phenylurea Compounds on Neurohypophysis Cells *In Vitro*.

Effect of metabolic uncoupler, 2,4-dinitrophenol (DNP) on sludge properties and fouling potential in ultrafiltration membrane process.

IPSE, a urogenital parasite-derived immunomodulatory protein, ameliorates ifosfamide-induced hemorrhagic cystitis through downregulation of pro-inflammatory pathways.

The effects of hesperidin on sodium arsenite-induced different organ toxicity in rats on metabolic enzymes as antidiabetic and anticholinergics potentials: A biochemical approach.

Bacterial community and metabolome shifts in the cecum and colon of captive sika deer (*Cervus nippon*) from birth to post weaning.

Organochlorine pesticides and polychlorinated biphenyls (PCBs) in early adulthood and blood lipids over a 23-year follow-up.

High accumulation of tilianin in in-vitro cultures of *Agastache mexicana* and its potential vasorelaxant action.

Molecular mechanism involved in cyclophosphamide-induced cardiotoxicity: Old drug with a new vision.

Environmental pollutant-mediated disruption of gut microbial metabolism of the prebiotic inulin.

Is CYP1B1 involved in the metabolism of dioxins in the pig?

Combined Toxicity of 2,4-Dichlorophenoxyacetic Acid and Its Metabolites 2,4-Dichlorophenol (2,4-DCP) on Two Nontarget Organisms.

Cascade Reaction in Human Live Tissue Allows Clinically Applicable Diagnosis of Breast Cancer Morphology.

RiboTag translational profiling of *Drosophila* oenocytes under aging and induced oxidative stress.

Metabolic Basis for Mutualism between Gut Bacteria and Its Impact on the *Drosophila melanogaster* Host.

Exposure to Herbicides Prime P450-Mediated Detoxification of *Helicoverpa armigera* against Insecticide and Fungal Toxin.

[Determination of glufosinate-ammonium and its three metabolites in litchi and banana by high performance liquid chromatography coupled with triple quadrupole mass spectrometry].

The antiSMASH database version 2: a comprehensive resource on secondary metabolite biosynthetic gene clusters.

Estimation of potential risk of allyl alcohol induced liver injury in diabetic patients using type 2 diabetes spontaneously diabetic Torii-Lepr(fa) (SDT fatty) rats.

Bioactive Lipids in Cancer, Inflammation and Related Diseases : Acute and Chronic Mild Traumatic Brain Injury Differentially Changes Levels of Bioactive Lipids in the CNS Associated with Headache.

Regulation of organohalide respiration.

An Increased Level of Aryl Hydrocarbon Receptor in Patients with Pancreatic Cancer.

Embryonic arsenic exposure reduces intestinal cell proliferation and alters hepatic IGF mRNA expression in killifish (*Fundulus heteroclitus*).

High frequency somatic embryogenesis and plant regeneration of interspecific ginseng hybrid between *Panax ginseng* and *Panax quinquefolius*.

Longitudinal, Seasonal, and Occupational Trends of Multiple Pesticides in House Dust.

An imazamox-based herbicide causes apoptotic changes in rat liver and pancreas.

Taurine rescues the arsenic-induced injury in the pancreas of rat offsprings and in the INS-1 cells.

Rewiring metabolic network by chemical modulator based laboratory evolution doubles lipid production in *Cryptocodium cohnii*.

Protective effect of lycopene against chemical and natural toxins: A review.

Thermal processing food-related toxicants: a review.

The distinct ripening processes in the reproductive and non-reproductive parts of the fig syconium are driven by ABA.

A GC-MS untargeted metabolomics approach for the classification of chemical differences in grape juices based on fungal pathogen.

[Exploration about the protection mechanism of 5-hydroxy-1-methylhydantoin on paraquat poisoning model].

Multiple effects of the herbicide glufosinate-ammonium and its main metabolite on neural stem cells from the subventricular zone of newborn mice.

Differences in apoptotic signaling and toxicity between dimethylmonothioarsinic acid (DMMTA(V)) and its active metabolite, dimethylarsinous acid (DMA(III)), in HepaRG cells: Possibility of apoptosis cascade based on diversity of active metabolites of DMMTA(V).

Effects of glyphosate on the ovarian function of pregnant mice, the secretion of hormones and the sex ratio of their fetuses.

Effects of aminomethylphosphonic acid, the main breakdown product of glyphosate, on cellular and biochemical parameters of the mussel *Mytilus galloprovincialis*.

Chronic toxicity of metolachlor OA on growth, ontogenetic development, antioxidant biomarkers and histopathology of early life stages of marbled crayfish.

Müller glial dysfunction during diabetic retinopathy in rats is reduced by the acrolein-scavenging drug, 2-hydrazino-4,6-dimethylpyrimidine.

Designing strategies for operating Microbial Electrochemical Systems to clean up polluted soils under non-flooded conditions.

Specialisation events of fungal metacommunities exposed to a persistent organic pollutant are suggestive of augmented pathogenic potential.

Biochemical responses of the golden mussel *Limnoperna fortunei* under dietary glyphosate exposure.

Identification and validation of QTL and their associated genes for pre-emergent metribuzin tolerance in hexaploid wheat (*Triticum aestivum* L.).

Effects of the herbicide Roundup® on the metabolic activity of *Gammarus fossarum* Koch, 1836 (Crustacea; Amphipoda).

Acute renal toxicity of sodium chlorate: Redox imbalance, enhanced DNA damage, metabolic alterations and inhibition of brush border membrane enzymes in rats.

Changes in hypopharyngeal glands of nurse bees (*Apis mellifera*) induced by pollen-containing sublethal doses of the herbicide Roundup®.

Influence of microplastic addition on glyphosate decay and soil microbial activities in Chinese loess soil.

Toxicity induced by glyphosate and glyphosate-based herbicides in the zebrafish hepatocyte cell line (ZF-L).

Potential of *Trichoderma koningii* to eliminate alachlor in the presence of copper ions.

Protective effects of curcumin on acrolein-induced neurotoxicity in HT22 mouse hippocampal cells.

Changes in thyroid status of *Menidia beryllina* exposed to the antifouling booster irgarol: Impacts of temperature and salinity.

The mechanism of DNA damage induced by Roundup 360 PLUS, glyphosate and AMPA in human peripheral blood mononuclear cells - genotoxic risk assessment.

Transplacental transfer and metabolism of diuron in human placenta.

Acrolein induces ribotoxic stress in human cancer cells regardless of p53 status.

Exposure Through Runoff and Ground Water Contamination Differentially Impact Behavior and Physiology of Crustaceans in Fluvial Systems.

Acrolein-induced autophagy-dependent apoptosis via activation of the lysosomal-mitochondrial pathway in EAhy926 cells.

Modulation of physiological responses with TiO₂ nano-particle in *Azolla pinnata* R.Br. under 2,4-D toxicity.

Perinatal Glyphosate-Based Herbicide Exposure in Rats Alters Brain Antioxidant Status, Glutamate and Acetylcholine Metabolism and Affects Recognition Memory.

The P450 gene CYP749A16 is required for tolerance to the sulfonylurea herbicide trifloxysulfuron sodium in cotton (*Gossypium hirsutum* L.).

Pesticide Use and Incident Hypothyroidism in Pesticide Applicators in the Agricultural Health Study.

Inhibition effects of pesticides on glutathione-S-transferase enzyme activity of Van Lake fish liver.

Joint toxicity on hepatic detoxication enzymes in goldfish (*Carassius auratus*) exposed to binary mixtures of lead and paraquat.

Acrolein, a commonly found environmental toxin, causes oocyte mitochondrial dysfunction and negatively affects embryo development.

Atrazine-xenobiotic nuclear receptor interactions induce cardiac inflammation and endoplasmic reticulum stress in quail (*Coturnix coturnix coturnix*).

Endocrine disruptors in breeding ponds and reproductive health of toads in agricultural, urban and natural landscapes.

Diabetes, Cardiovascular Disorders and 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Body Burden in Czech Patients 50 Years After the Intoxication.

Changes in hepatic phase I and phase II biotransformation enzyme expression and glutathione levels following atrazine exposure in female rats.

Jasmonic Acids Facilitate the Degradation and Detoxification of Herbicide Isoproturon Residues in Wheat Crops (*Triticum aestivum*).

Pancreatic function and histoarchitecture in Wistar rats following chronic exposure to Bushfire[®]: the mitigating role of zinc.

Biochemical and histological effects of sub-chronic exposure to atrazine in crayfish *Cherax destructor*.

Characterization and safety evaluation of HPPD W336, a modified 4-hydroxyphenylpyruvate dioxygenase protein, and the impact of its expression on plant metabolism in herbicide-tolerant MST-FG[~]72-2 soybean.

Postnatal exposure to a glyphosate-based herbicide modifies mammary gland growth and development in Wistar male rats.

Pesticides as risk factors for head and neck cancer: A review.

An integrative omics approach to unravel toxicity mechanisms of environmental chemicals: effects of a formulated herbicide.

Biodegradation and toxicity of a maize herbicide mixture: mesotrione, nicosulfuron and S-metolachlor.

Circular RNA expression profiles in hippocampus from mice with perinatal glyphosate exposure.

Effects of the chloro-s-triazine herbicide terbuthylazine on DNA integrity in human and mouse cells.

In vivo NMR investigations of glyphosate influences on plant metabolism.

Selective and context-dependent effects of chemical stress across trophic levels at the basis of marine food webs.

Expression of the human gene CYP1A2 enhances tolerance and detoxification of the phenylurea herbicide linuron in *Arabidopsis thaliana* plants and *Escherichia coli*.

Atrazine Triggers Mitochondrial Dysfunction and Oxidative Stress in Quail (*Coturnix C. coturnix*) Cerebrum via Activating Xenobiotic-Sensing Nuclear Receptors and Modulating Cytochrome P450 Systems.

Metabolome disruption of pregnant rats and their offspring resulting from repeated exposure to a pesticide mixture representative of environmental contamination in Brittany.

Glyphosate affects the secretion of regulators of uterine contractions in cows while it does not directly impair the motoric function of myometrium in vitro.

Effects of environmentally relevant sub-chronic atrazine concentrations on African clawed frog (*Xenopus laevis*) survival, growth and male gonad development.

Effect of glyphosate-based herbicide on hematological and hemopoietic parameters in common carp (*Cyprinus carpio* L).

Ecotoxicological effects of the herbicide glyphosate in non-target aquatic species: Transcriptional responses in the mussel *Mytilus galloprovincialis*.

The Ramazzini Institute 13-week study on glyphosate-based herbicides at human-equivalent dose in Sprague Dawley rats: study design and first in-life endpoints evaluation.

Proteomic analysis of ametryn toxicity in zebrafish embryos.

2-Methyl-4-chlorophenoxyacetic acid (MCPA) and bromoxynil herbicide ingestion.

Environmental risk assessment of pesticides in the River Madre de Dios, Costa Rica using PERPEST, SSD, and msPAF models.

Toxicological responses on cytochrome P450 and metabolic transferases in liver of goldfish (*Carassius auratus*) exposed to lead and paraquat.

Melatonin preserves ovarian tissues of rats exposed to chronic TCDD: An electron microscopic approach to effects of TCDD on ovarian cells.

Changes in gene expression following long-term in vitro exposure of *Macaca mulatta* trophoblast stem cells to biologically relevant levels of endocrine disruptors.

Effects of atrazine on vitellogenesis, steroid levels and lipid peroxidation, in female red swamp crayfish *Procambarus clarkii*.

Acrolein-induced oxidative stress and genotoxicity in rats: protective effects of whey protein and conjugated linoleic acid.

Deficiency of Atg6 impairs beneficial effect of metformin on intestinal stem cell aging in *Drosophila*.

Metabolic Profiling of Amino Acids Associated with Mortality in Patients with Acute Paraquat Poisoning.

Acrolein Exposure in Hookah Smokers and Non-Smokers Exposed to Hookah Tobacco Secondhand Smoke: Implications for Regulating Hookah Tobacco Products.

Changes in intermediate metabolism and oxidative balance parameters in sexually matured three-barbeled catfishes exposed to herbicides from rice crops (Roundup[®], Primoleo[®] and Facet[®]).

Caloric restriction ameliorates acrolein-induced neurotoxicity in rats.

Effects of glyphosate on early life stages: comparison between *Cyprinus carpio* and *Danio rerio*.

Celecoxib, a cyclooxygenase-2 inhibitor, offers chemoprevention against reproductive and neurobehavioural abnormalities induced by atrazine in male Wistar rats.

Associations of maternal exposure to organophosphate and pyrethroid insecticides and the herbicide 2,4-D with birth outcomes and anogenital distance at 3 months in the Odense Child Cohort.

Isolated and mixed effects of diuron and its metabolites on biotransformation enzymes and oxidative stress response of Nile tilapia (*Oreochromis niloticus*).

Hepatotoxicity of paraquat on common carp (*Cyprinus carpio* L.).

Do host-associated gut microbiota mediate the effect of an herbicide on disease risk in frogs?

Potential biomarkers for monitoring the toxicity of long-term exposure to atrazine in rat by metabolomic analysis.

Genetic control of predominantly error-free replication through an acrolein-derived minor-groove DNA adduct.

Changes in Sensitivity to the Effects of Atrazine on the Luteinizing Hormone Surge in Female Sprague-Dawley Rats after Repeated Daily Doses: Correlation with Liver Enzyme Expression.

Atrazine suppresses FSH-induced steroidogenesis and LH-dependent expression of ovulatory genes through PDE-cAMP signaling pathway in human cumulus granulosa cells.

Evidence the U.S. autism epidemic initiated by acetaminophen (Tylenol) is aggravated by oral antibiotic amoxicillin/clavulanate (Augmentin) and now exponentially by herbicide glyphosate (Roundup).

No treatment-related effects with aryloxyalkanoate dioxygenase-12 in three 28-day mouse toxicity studies.

The sensitivity of soil enzymes, microorganisms and spring wheat to soil contamination with carfentrazone-ethyl.

Neurotransmitter changes in rat brain regions following glyphosate exposure.

Ecotoxicological risk assessment for the herbicide glyphosate to non-target aquatic species: A case study with the mussel *Mytilus galloprovincialis*.

Mitochondrial bioenergetics and locomotor activity are altered in zebrafish (*Danio rerio*) after exposure to the bipyridylum herbicide diquat.

Glyphosate has limited short-term effects on commensal bacterial community composition in the gut environment due to sufficient aromatic amino acid levels.

Metabolic reduction of resazurin; location within the cell for cytotoxicity assays.

Assessment of hepatic metabolism-dependent nephrotoxicity on an organs-on-a-chip microdevice.

Arsenite and methylarsonite inhibit mitochondrial metabolism and glucose-stimulated insulin secretion in INS-1 832/13 β^2 cells.

Analysis of earthworm sublethal toxic responses to atrazine exposure using (^1H) nuclear magnetic resonance (NMR)-based metabolomics.

[The impact of electronic cigarettes usage on the endothelial function and the progression of atherosclerosis].

Glyphosate ingestion causing multiple organ failure: a near-fatal case report.

Flumioxazin metabolism in pregnant animals and cell-based protoporphyrinogen IX oxidase (PPO) inhibition assay of fetal metabolites in various animal species to elucidate the mechanism of the rat-specific developmental toxicity.

Transketolase Is Identified as a Target of Herbicidal Substance $\hat{\pm}$ -Terthienyl by Proteomics.

Effects on metabolic parameters in young rats born with low birth weight after exposure to a mixture of pesticides.

Acrolein-induced atherogenesis by stimulation of hepatic flavin containing monooxygenase 3 and a protection from hydroxytyrosol.

Dependence of growth inhibiting action of increased planting density on capacity of lettuce plants to synthesize ABA.

Elimination and detoxification of 2,4-D by *Umbelopsis isabellina* with the involvement of cytochrome P450.

Treatment Outcome of Combined Continuous Venovenous Hemofiltration and Hemoperfusion in Acute Paraquat Poisoning: A Prospective Controlled Trial.

Effect on the dopaminergic metabolism induced by oral exposure to simazine during the prepubertal period in rats.

Paraquat affects mitochondrial bioenergetics, dopamine system expression, and locomotor activity in zebrafish (*Danio rerio*).

Chronic toxicity of 1,3,5-triazine herbicides in the postembryonic development of the western clawed frog *Silurana tropicalis*.

Lethal Bentazone Intoxication - A Report of Two Cases.

Neuroprotective Activity of Some Marine Fungal Metabolites in the 6-Hydroxydopamin- and Paraquat-Induced Parkinson's Disease Models.

Combined treatment with cinnamaldehyde and PTH enhances the therapeutic effect on glucocorticoid-induced osteoporosis through inhibiting osteoclastogenesis and promoting osteoblastogenesis.

Cytotoxicity of the natural herbicidal chemical, berberine, on *Nicotiana tabacum* Bright yellow-2 cells.

Cinnamaldehyde exerts vasculoprotective effects in hypercholesterolemic rabbits.

Cinnamic aldehyde inhibits vascular smooth muscle cell proliferation and neointimal hyperplasia in Zucker Diabetic Fatty rats.

'Real-world' compensatory behaviour with low nicotine concentration e-liquid: subjective effects and nicotine, acrolein and formaldehyde exposure.

Orthogonal self-assembly of an organoplatinum(II) metallacycle and cucurbit[8]uril that delivers curcumin to cancer cells.

Aldehyde dehydrogenase 2 activation ameliorates cyclophosphamide-induced acute cardiotoxicity via detoxification of toxic aldehydes and suppression of cardiac cell death.

Effects of arsenic methylation and metabolism on the changes of arsenic-related skin lesions.

Acrolein Contributes to the Neuropathic Pain and Neuron Damage after Ischemic-Reperfusion Spinal Cord Injury.

Allergenicity of acrolein-treated shrimp tropomyosin evaluated using RBL-2H3 cell and mouse model.

FGF21 attenuates pulmonary fibrogenesis through ameliorating oxidative stress in vivo and in vitro.

Astrocytic JWA deletion exacerbates dopaminergic neurodegeneration by decreasing glutamate transporters in mice.

Expression of the methionine sulfoxide reductase lost during evolution extends *Drosophila* lifespan in a methionine-dependent manner.

Acid-activatable oxidative stress-inducing polysaccharide nanoparticles for anticancer therapy.

Anti-inflammatory effect of cinnamaldehyde and linalool from the leaf essential oil of *Cinnamomum osmophloeum* Kanehira in endotoxin-induced mice.

Alterations in Acrolein Metabolism Contribute to Alzheimer's Disease.

Identity and Activity of 2,4-Dichlorophenoxyacetic Acid Metabolites in Wild Radish (*Raphanus raphanistrum*).

Antibiotics may increase triazine herbicide exposure risk via disturbing gut microbiota.

Urinary concentrations and profiles of organophosphate and pyrethroid pesticide metabolites and phenoxyacid herbicides in populations in eight countries.

Interspecific and intraspecific transference of metabolism-based mesotrione resistance in dioecious weedy *Amaranthus*.

Stress Resistance Development and Genome-Wide Transcriptional Response of *Escherichia coli* O157:H7 Adapted to Sublethal Thymol, Carvacrol, and trans-Cinnamaldehyde.

Exogenous Melatonin Mitigates Methyl Viologen-Triggered Oxidative Stress in Poplar Leaf.

Inhibition of catalase activity with 3-amino-1,2,4-triazole intensifies bisphenol A (BPA)-induced toxicity in granulosa cells of female albino rats.

Evaluation of Alkaloids Isolated from *Ruta graveolens* as Photosynthesis Inhibitors.

Method Development and Validation of Indaziflam and Its Five Metabolites in Soil, Water, and Fruits by Modified QuEChERS and UHPLC-MS/MS.

Atrazine and nicosulfuron affect the reproductive fitness of the predator *Podisus nigrispinus* (Hemiptera: Pentatomidae).

Culturable epiphytic bacteria isolated from *Teleogryllus occipitalis* crickets metabolize insecticides.

Biomethylation metabolism study of arsenite in SCC-7 cells by reversed phase ion pair high performance liquid chromatography-inductively coupled plasma-mass spectrometry.

Metabolism of 2,4-dichlorophenoxyacetic acid contributes to resistance in a common waterhemp (*Amaranthus tuberculatus*) population.

Enhanced Herbicide Metabolism and Metabolic Resistance Genes Identified in Tribenuron-Methyl Resistant *Myosoton aquaticum* L.

[Determination of glyphosate, glufosinate, and main metabolite aminomethylphosphonic acid residues in dry tea using ultra-high performance liquid chromatography-tandem mass spectrometry].

Characterization of Activation of the Hypothalamic-Pituitary-Adrenal Axis by the Herbicide Atrazine in the Female Rat.

Isolation and identification of a novel algicidal peptide from mackerel muscle hydrolysate.

Global transcriptomic analysis of *Rhodococcus erythropolis* D310-1 in responding to chlorimuron-ethyl.

Highly Accurate Detection and Identification Methodology of Xenobiotic Metabolites Using Stable Isotope Labeling, Data Mining Techniques, and Time-Dependent Profiling Based on LC/HRMS/MS.

Metabolic Profiling of Chloroacetanilide Herbicides in Earthworm Coelomic Fluid Using $(1)H$ NMR and GC-MS.

Multidrug Resistance Protein 1 (MRP1/ABCC1)-Mediated Cellular Protection and Transport of Methylated Arsenic Metabolites Differs between Human Cell Lines.

Enhanced Trifluralin Metabolism Can Confer Resistance in *Lolium rigidum*.

Recent insights into the microbial catabolism of aryloxyphenoxy-propionate herbicides: microbial resources, metabolic pathways and catabolic enzymes.

Dietary flavonoids improve urinary arsenic elimination among Mexican women.

Overexpression of PDX-II gene in potato (*Solanum tuberosum* L.) leads to the enhanced accumulation of vitamin B6 in tuber tissues and tolerance to abiotic stresses.

On the metabolites produced by *Colletotrichum gloeosporioides* a fungus proposed for the *Ambrosia artemisiifolia* biocontrol; spectroscopic data and absolute configuration assignment of colletochlorin A.

2,4-dichlorophenoxyacetic acid-induced oxidative stress: Metabolome and membrane modifications in *Umbelopsis isabellina*, a herbicide degrader.

Pyroxasulfone resistance in *Lolium rigidum* is metabolism-based.

Breakthrough dynamics of s-metolachlor metabolites in drinking water wells: Transport pathways and time to trend reversal.

Exposure to 2,4-dichlorophenoxyacetic acid induced PPAR α -dependent disruption of glucose metabolism in HepG2 cells.

Influence of exposure to pesticide mixtures on the metabolomic profile in post-metamorphic green frogs (*Lithobates clamitans*).

Using in vitro derived enzymatic reaction rates of metabolism to inform pesticide body burdens in amphibians.

Metabolic Resistance to Acetolactate Synthase Inhibiting Herbicide Tribenuron-Methyl in *Descurainia sophia* L. Mediated by Cytochrome P450 Enzymes.

Cultivable fungi present in Antarctic soils: taxonomy, phylogeny, diversity, and bioprospecting of antiparasitic and herbicidal metabolites.

Salinity reduces 2,4-D efficacy in *Echinochloa crusgalli* by affecting redox balance, nutrient acquisition, and hormonal regulation.

Interactions of cinnamaldehyde and its metabolite cinnamic acid with human serum albumin and interference of other food additives.

Acrolein-stressed threshold adaptation alters the molecular and metabolic bases of an engineered *Saccharomyces cerevisiae* to improve glutathione production.

Impacts of Salinity and Temperature on the Thyroidogenic Effects of the Biocide Diuron in *Menidia beryllina*.

Effect on transcriptome and metabolome of stacked transgenic maize containing insecticidal cry and glyphosate tolerance epsps genes.

Comparative Metabolomic Analyses of *Ipomoea lacunosa* Biotypes with Contrasting Glyphosate Tolerance Captures Herbicide-Induced Differential Perturbations in Cellular Physiology.

Metabolic Hydrolysis of Aromatic Amides in Selected Rat, Minipig, and Human In Vitro Systems.

Associations between Methylated Metabolites of Arsenic and Selenium in Urine of Pregnant Bangladeshi Women and Interactions between the Main Genes Involved.

Are the adverse effects of stressors on amphibians mediated by their effects on stress hormones?

Evidence of co-metabolic bentazone transformation by methanotrophic enrichment from a groundwater-fed rapid sand filter.

An assessment of the acute dietary exposure to glyphosate using deterministic and probabilistic methods.

Gut Microbial Glycerol Metabolism as an Endogenous Acrolein Source.

Taurine Inhibits TRPV-Dependent Activity to Overcome Oxidative Stress in *Caenorhabditis elegans*.

Catabolic task division between two near-isogenic subpopulations co-existing in a herbicide-degrading bacterial consortium: consequences for the interspecies consortium metabolic model.

Diuron metabolites act as endocrine disruptors and alter aggressive behavior in Nile tilapia (*Oreochromis niloticus*).

Ametryn removal by *Metarhizium brunneum*: Biodegradation pathway proposal and metabolic background revealed.

Determination of triazine herbicides and their metabolites in multiple medicinal parts of traditional Chinese medicines using streamlined pretreatment and UFLC-ESI-MS/MS.

Dantrolene is not the answer to 2,4-dinitrophenol poisoning: more heated debate.

Association between Protein-Bound Uremic Toxins and Asymptomatic Cardiac Dysfunction in Patients with Chronic Kidney Disease.

The Aryl Hydrocarbon Receptor and the Maintenance of Lung Health.

Association between maternal urinary speciated arsenic concentrations and gestational diabetes in a cohort of Canadian women.

Associations of cumulative exposure to heavy metal mixtures with obesity and its comorbidities among U.S. adults in NHANES 2003-2014.

Flavin homeostasis in the mouse retina during aging and degeneration.

Profile of three boron-containing compounds on the body weight, metabolism and inflammatory markers of diabetic rats.

Hexachloronaphthalene (HxCN) as a potential endocrine disruptor in female rats.

Quantitative assessment of cyanide in cystic fibrosis sputum and its oxidative catabolism by hypochlorous acid.

Impairment of ovaries by 2,3,7,8-tetrachlorobenzo-p-dioxin (TCDD) exposure in utero associated with BMP15 and GDF9 in the female offspring rat.

Cigarette Smoke Toxins-Induced Mitochondrial Dysfunction and Pancreatitis Involves Aryl Hydrocarbon Receptor Mediated Cyp1 Gene Expression: Protective Effects of Resveratrol.

AHR gene-dioxin interactions and birthweight in the Seveso Second Generation Health Study.

Increases in bioactive lipids accompany early metabolic changes associated with β^2 -cell expansion in response to short-term high-fat diet.

Dinitrophenol (DNP) Fatality Associated with a Falsely Elevated Salicylate Level: a Case Report with Verification of Laboratory Cross Reactivity.

Development of Biomarkers for Inhibition of SLC6A19 (B⁰AT1)-A Potential Target to Treat Metabolic Disorders.

Genetic background and window of exposure contribute to thyroid dysfunction promoted by low-dose exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice.

Dioxin-like PCB 126 increases intestinal inflammation and disrupts gut microbiota and metabolic homeostasis.

Morphological evaluation of liposomal iron carriers.

Impaired lipid and glucose homeostasis in male mice offspring after combined exposure to low-dose bisphenol A and arsenic during the second half of gestation.

Upregulated EFNB2 and EPHB4 promotes lung development in a nitrofen-induced congenital diaphragmatic hernia rat model.

Cohort study of workers at a New Zealand agrochemical plant to assess the effect of dioxin exposure on mortality.

Arsenite methyltransferase (AS3MT) polymorphisms and arsenic methylation in children in rural Bangladesh.

Sperm epigenome as a marker of environmental exposure and lifestyle, at the origin of diseases inheritance.

Mitochondrial uncoupling prodrug improves tissue sparing, cognitive outcome, and mitochondrial bioenergetics after traumatic brain injury in male mice.

Isolated hypospadias: The impact of prenatal exposure to pesticides, as determined by meconium analysis.

Hepatocyte-Specific Deletion of TIPARP, a Negative Regulator of the Aryl Hydrocarbon Receptor, Is Sufficient to Increase Sensitivity to Dioxin-Induced Wasting Syndrome.

Plasma metabolite profiles in children with current asthma.

Biomarkers for detection, prognosis and therapeutic assessment of neurological disorders.

Efficacy of Lactoferrin Oral Administration in the Treatment of Anemia and Anemia of Inflammation in Pregnant and Non-pregnant Women: An Interventional Study.

Para-cresol production by *Clostridium difficile* affects microbial diversity and membrane integrity of Gram-negative bacteria.

Exploring a Novel Screening Method for Patients with Oral Squamous Cell Carcinoma: A plasma Metabolomics Analysis.

Impacts of Indoxyl Sulfate and p-Cresol Sulfate on Chronic Kidney Disease and Mitigating Effects of AST-120.

Uremic Toxins Activates Na/K-ATPase Oxidant Amplification Loop Causing Phenotypic Changes in Adipocytes in In Vitro Models.

Diagnostic meaning of blood p-cresol concentration in forensic autopsy cases.

Predictive metabolomic signatures of end-stage renal disease: A multivariate analysis of population-based data.

Incident thyroid disease in female spouses of private pesticide applicators.

Ursodeoxycholic acid improves liver function via phenylalanine/tyrosine pathway and microbiome remodelling in patients with liver dysfunction.

[Clinical features and prognosis analysis of the elderly and youth patients with acute severe poisoning].

Integrated transcriptomics and metabolomics reveal signatures of lipid metabolism dysregulation in HepaRG liver cells exposed to PCB 126.

Clinical pharmacokinetics and safety profile of single agent arsenic trioxide by continuous slow-rate infusion in patients with newly diagnosed acute promyelocytic leukemia.

Associations of Arsenic Exposure With Telomere Length and Na⁺-ve T Cells in Childhood-A Birth Cohort Study.

The aryl hydrocarbon receptor is indispensable for dioxin-induced defects in sexually-dimorphic behaviors due to the reduction in fetal steroidogenesis of the pituitary-gonadal axis in rats.

Treatment of rat congenital diaphragmatic hernia with sildenafil and NS-304, selexipag's active compound, at the pseudoglandular stage improves lung vasculature.

LC-Q-TOF-MS based plasma metabolomic profile of subclinical pelvic inflammatory disease: A pilot study.

N(6)-methyladenosine mediates the cellular proliferation and apoptosis via microRNAs in arsenite-transformed cells.

RASopathic comedone-like or cystic lesions induced by vemurafenib: a model of skin lesions similar but not identical to those induced by dioxins MADISH.

The Association of Arsenic Exposure and Arsenic Metabolism With the Metabolic Syndrome and Its Individual Components: Prospective Evidence From the Strong Heart Family Study.

Protective Effect of Ellagic Acid Against Sodium Arsenite-Induced Cardio- and Hematotoxicity in Rats.

Evaluation of metabolic reactivity in macrophages from mice with chronic sodium arsenite intake and experimental carcinogenesis.

Associations between persistent organic pollutants and metabolic syndrome in morbidly obese individuals.

Arsenic speciation in hair and nails of acute promyelocytic leukemia (APL) patients undergoing arsenic trioxide treatment.

The Influence of Obesity on the Pharmacokinetics of Dioxin in Mice: An Assessment Using Classical and PBPK Modeling.

Arsenic induces cardiac rhythm dysfunction and acylcarnitines metabolism perturbation in rats.

Toluene and methylethylketone: effect of combined exposure on their metabolism in rat.

Endoribonuclease YbeY Is Linked to Proper Cellular Morphology and Virulence in *Brucella abortus*.

Increasing kynurenine brain levels reduces ethanol consumption in mice by inhibiting dopamine release in nucleus accumbens.

Of mice and men - environmental temperature, body temperature, and treatment of obesity.

Serum folate and cobalamin levels and urinary dimethylarsinic acid in US children and adults.

Metabolic Activation of the Cooked Meat Carcinogen 2-Amino-1-Methyl-6-Phenylimidazo[4,5-b]Pyridine in Human Prostate.

Non-dioxin-like polychlorinated biphenyls in early pregnancy and risk of gestational diabetes mellitus.

SLC6A19 is a novel putative gene, induced by dioxins via AhR in human hepatoma HepG2 cells.

Plasma p-cresol lowering effect of sevelamer in non-dialysis CKD patients: evidence from a randomized controlled trial.

A delayed proinflammatory response of human preadipocytes to PCB126 is dependent on the aryl hydrocarbon receptor.

Possible Obesogenic Effects of Bisphenols Accumulation in the Human Brain.

Metabolic profiles in community-acquired pneumonia: developing assessment tools for disease severity.

Deficiency of aldose reductase exacerbates early pressure overload-induced cardiac dysfunction and autophagy in mice.

Metabolism and disposition of arsenic species after repeated oral dosing with sodium arsenite in drinking water. II. Measurements in pregnant and fetal CD-1 mice.

Persistent organic pollutants and risk of type 2 diabetes: A prospective investigation among middle-aged women in Nurses' Health Study II.

Modulation of intestinal microbiota, control of nitrogen products and inflammation by pre/probiotics in chronic kidney disease: a systematic review.

Optically-controlled bacterial metabolite for cancer therapy.

Relationship between serum trimethylamine N-oxide and exposure to dioxin-like pollutants.

In rats gestational iron deficiency does not change body fat or hepatic mitochondria in the aged offspring.

Anti-inflammatory evaluation and characterization of leaf extract of *Ananas comosus*.

Host biotin is required for liver stage development in malaria parasites.

Extended Duration Nocturnal Hemodialysis and Changes in Plasma Metabolite Profiles.

Exploration of the Fecal Microbiota and Biomarker Discovery in Equine Grass Sickness.

Performance Verification of Alternative Quality Control Materials for Urine Albumin Assessment.

Contributory Role of Gut Microbiota and Their Metabolites Toward Cardiovascular Complications in Chronic Kidney Disease.

Microbial volatiles as plant growth inducers.

Environmental pollutant hexachlorobenzene induces hypertension in a rat model.

Receptor activities of persistent pollutant serum mixtures and breast cancer risk.

Anti-oxidants correct disturbance of redox enzymes in the hearts of rat fetuses with congenital diaphragmatic hernia.

Metabolic characterization of human aqueous humor in the cataract progression after pars plana vitrectomy.

Does bird metabolic rate influence mosquito feeding preference?

iTRAQ-based quantitative proteomic analysis reveals important metabolic pathways for arsenic-induced liver fibrosis in rats.

Disorder of gut amino acids metabolism during CKD progression is related with gut microbiota dysbiosis and metagenome change.

Differences in fecal microbial metabolites and microbiota of children with autism spectrum disorders.

PCB95 and PCB153 change dopamine levels and turn-over in PC12 cells.

Association of urinary concentrations of four chlorophenol pesticides with cardiometabolic risk factors and obesity in children and adolescents.

Arsenic exposure induces glucose intolerance and alters global energy metabolism.

Roles of cytosolic phospholipase A(2) in reproductive and systemic toxicities in 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed mice.

Aberrant expression of miR-451a contributes to 1,2-dichloroethane-induced hepatic glycerol gluconeogenesis disorder by inhibiting glycerol kinase expression in NIH Swiss mice.

Redox cycling induces spermatosis and necrosis in stallion spermatozoa while the hydroxyl radical (OH•) only induces spermatosis.

Occupational pesticide exposure and subclinical hypothyroidism among male pesticide applicators.

A comparison of clinical efficacy and economic value in Basalin- and Lantus-treated patients with type 2 diabetes using continuous glucose monitoring system.

The Role of Cytochromes P450 in Infection.

Association between diabetes and pesticides: a case-control study among Thai farmers.

The aryl hydrocarbon receptor regulates the expression of TIPARP and its cis long non-coding RNA, TIPARP-AS1.

High AHR expression in breast tumors correlates with expression of genes from several signaling pathways namely inflammation and endogenous tryptophan metabolism.

Recent decreasing trends of exposure to PCDDs/PCDFs/dioxin-like PCBs in general populations, and associations with diabetes, metabolic syndrome, and gout/hyperuricemia.

Untargeted metabolomics approach (UPLC-Q-TOF-MS) explores the biomarkers of serum and urine in overweight/obese young men.

[Importance of Two Birth Cohorts (n=20,926 and n=514): 15 Years' Experience of the Hokkaido Study on Environment and Children's Health: Malformation, Development and Allergy].

Hygienic assessment of the effects of pesticides application on adult population morbidity with thyroid gland diseases.

Arsenic Exposure in Relation to Ischemic Stroke: The Reasons for Geographic and Racial Differences in Stroke Study.

Evidence for estrogeno-mimetic effects of a mixture of low-dose pollutants in a model of ovariectomized mice.

Epigenetic Therapy: Novel Translational Implications for Arrest of Environmental Dioxin-Induced Disease in Females.

Prenatal exposure to glycol ethers and cryptorchidism and hypospadias: a nested case-control study.

Morbidity in New Zealand pesticide producers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Microbiota-derived uremic retention solutes: perpetrators of altered nonrenal drug clearance in kidney disease.

Effects of Endocrine-Disrupting Chemicals and Epigenetic Modifications in Ovarian Cancer: A Review.

Elucidating Conserved Transcriptional Networks Underlying Pesticide Exposure and Parkinson's Disease: A Focus on Chemicals of Epidemiological Relevance.

Parkinsonian Neurotoxins Impair the Pro-inflammatory Response of Glial Cells.

Degradation of pendimethalin by the yeast YC2 and determination of its two main metabolites.

Effects of Polychlorinated Pesticides and Their Metabolites on Phospholipid Organization in Model Microbial Membranes.

TCDD Toxicity Mediated by Epigenetic Mechanisms.

CYP1A1 and 1B1-mediated metabolic pathways of dolutegravir, an HIV integrase inhibitor.

Production of bioactive cyclotides in somatic embryos of *Viola odorata*.

Arsenic exposure, profiles of urinary arsenic species, and polymorphism effects of glutathione-s-transferase and metallothioneins.

Enantioselective bioaccumulation and metabolism of lactofen in zebrafish *Danio rerio* and combined effects with its metabolites.

Differences in reproductive toxicity of TBBPA and TCBPA exposure in male *Rana nigromaculata*.

Effect of explant type and plant growth regulators on callus induction, growth and secondary metabolites production in *Cnidium officinale* Makino.

Study of metabolic activity of human embryos focused on amino acids by capillary electrophoresis with light-emitting diode-induced fluorescence detection.

Glutathione-S-transferase-theta genotypes and the risk of cyclophosphamide toxicity in dogs.

Pharmaceuticals, hormones, pesticides, and other bioactive contaminants in water, sediment, and tissue from Rocky Mountain National Park, 2012-2013.

Toxicity of aqueous mixture of phenol and chlorophenols upon photosensitized oxidation initiated by sunlight or vis-lamp.

Endogenous and exogenous biomarker analysis in terrestrial phase amphibians (*Lithobates sphenoccephala*) following dermal exposure to pesticide mixtures.

Surface-Enhanced Raman Spectroscopy for the Detection of a Metabolic Product in the Headspace Above Live Bacterial Cultures.

Diversity and predictive metabolic pathways of the prokaryotic microbial community along a groundwater salinity gradient of the Pearl River Delta, China.

Metabolic Pathway of Topramezone in Multiple-Resistant Waterhemp (*Amaranthus tuberculatus*) Differs From Naturally Tolerant Maize.

Persistent Organic Pollutant Burden, Experimental POP Exposure, and Tissue Properties Affect Metabolic Profiles of Blubber from Gray Seal Pups.

Wort Substrate Consumption and Metabolite Production During Lambic Beer Fermentation and Maturation Explain the Successive Growth of Specific Bacterial and Yeast Species.

2,6-Dihydroxybenzaldehyde Analogues of the Iron Chelator Salicylaldehyde Isonicotinoyl Hydrazone: Increased Hydrolytic Stability and Cytoprotective Activity against Oxidative Stress.

Tissue-specific bioaccumulation, depuration and metabolism of 4,4'-dichlorodiphenyl sulfide in the freshwater mussel *Anodonta woodiana*.

Pesticide toxicity: a mechanistic approach.

A novel decarboxylating amidohydrolase involved in avoiding metabolic dead ends during cyanuric acid catabolism in *Pseudomonas* sp. strain ADP.

Antiobesity Effect of Fermented Chokeberry Extract in High-Fat Diet-Induced Obese Mice.

The impact and prospect of natural product discovery in agriculture: New technologies to explore the diversity of secondary metabolites in plants and microorganisms for applications in agriculture.

Elucidation of the Amygdalin Pathway Reveals the Metabolic Basis of Bitter and Sweet Almonds (*Prunus dulcis*).

Metabolism and disposition of arsenic species from controlled dosing with sodium arsenite in adult female CD-1 mice. III. Toxicokinetic studies following oral and intravenous administration.

Brazil nut improves the oxidative metabolism of superoxide-hydrogen peroxide chemically-imbalanced human fibroblasts in a nutrigenomic manner.

Glutathione S-transferase P deficiency induces glucose intolerance via JNK-dependent enhancement of hepatic gluconeogenesis.

Exposure to bisphenol A, chlorophenols, benzophenones, and parabens in relation to reproductive hormones in healthy women: A chemical mixture approach.

Multiple pesticide analysis in hair samples of pregnant French women: Results from the ELFE national birth cohort.

Screening of bacterial endophytes as potential biocontrol agents against soybean diseases.

The effect of prenatal exposure on disposition of hexachloronaphthalene in female Wistar rats and fetal compartment.

Stereoselective degradation behaviour of carfentrazone-ethyl and its metabolite carfentrazone in soils.

Bacterial Microbiota and Metabolic Character of Traditional Sour Cream and Butter in Buryatia, Russia.

Photosystem-II D1 protein mutants of *Chlamydomonas reinhardtii* in relation to metabolic rewiring and remodelling of H-bond network at Q(B) site.

Diagnostic Usefulness of Serum Albumin as a Predictor of Diabetic Ketoacidosis.

Concentration dependent adsorption of aromatic organic compounds by SWCNTs: Quantum-mechanical descriptors for nano-toxicological studies of biomolecules and agrochemicals.

Utility of Serum miR-122, Liver Enzymes, and Hepatic Histopathology in Response to Hepatotoxicants in Sprague-Dawley Rats.

Nrf2 Signaling in Sodium Azide-Treated Oligodendrocytes Restores Mitochondrial Functions.

Effects of simvastatin on nuclear receptors, drug metabolizing enzymes and transporters expression in Human Umbilical Vein Endothelial Cells.

Simultaneous determination of enantiomers of carfentrazone-ethyl and its metabolite in eight matrices using high-performance liquid chromatography with tandem mass spectrometry.

Reduced intestinal epithelial mitochondrial function enhances in vitro interleukin-8 production in response to commensal *Escherichia coli*.

Environmental phenols and parabens in adipose tissue from hospitalized adults in Southern Spain.

In vitro toxicity and in silico docking analysis of two novel selective AH-receptor modulators.

Analysis of the cocobiota and metabolites of *Moniliophthora perniciosa*-resistant *Theobroma cacao* beans during spontaneous fermentation in southern Brazil.

Supplementation of Short-Chain Fatty Acid, Sodium Propionate, in Patients on Maintenance Hemodialysis: Beneficial Effects on Inflammatory Parameters and Gut-Derived Uremic Toxins, A Pilot Study (PLAN Study).

Bioinformatics tools for the identification of gene clusters that biosynthesize specialized metabolites.

Real-time carbon allocation into biogenic volatile organic compounds (BVOCs) and respiratory carbon dioxide (CO₂) traced by PTR-TOF-MS, ¹³CO₂ laser spectroscopy and ¹³C-pyruvate labelling.

RXFP1 Receptor Activation by Relaxin-2 Induces Vascular Relaxation in Mice via a G_{i2}-Protein/PI3K/Ĥ³/Nitric Oxide-Coupled Pathway.

Pseudomelanosis intestini "from pylorus to jejunum:" A rare endoscopic finding in a patient with GI bleeding.

Renal Energy Metabolism Following Acute Dichloroacetate and 2,4-Dinitrophenol Administration: Assessing the Cumulative Action with Hyperpolarized [1-(¹³C)Pyruvate MRI.

Delayed death following paraquat poisoning: three case reports and a literature review.

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin increases the activation of aryl hydrocarbon receptor and is associated with the aggressiveness of osteosarcoma MG-63 osteoblast-like cells.

Concealed ester formation and amino acid metabolism to volatile compounds in table grape (*Vitis vinifera* L.) berries.

Two-stage oxygen supply strategy based on energy metabolism analysis for improving acetic acid production by *Acetobacter pasteurianus*.

Identification of phenol- and p-cresol-producing intestinal bacteria by using media supplemented with tyrosine and its metabolites.

Low dose exposure to HBCD, CB-153 or TCDD induces histopathological and hormonal effects and changes in brain protein and gene expression in juvenile female BALB/c mice.

Bacterial Methionine Metabolism Genes Influence *Drosophila melanogaster* Starvation Resistance.

Transcriptomic and methylomic analysis reveal the toxicological effect of 2,3,7,8-Tetrachlorodibenzodioxin on human embryonic stem cell.

New insights for risks of chlorophenols (CPs) exposure: Inhibition of UDP-glucuronosyltransferases (UGTs).

Producing Acetic Acid of *Acetobacter pasteurianus* by Fermentation Characteristics and Metabolic Flux Analysis.

Protective Effect of Hydroxytyrosol Against Oxidative Stress Mediated by Arsenic-Induced Neurotoxicity in Rats.

Arsenic-containing hydrocarbons disrupt a model in vitro blood-cerebrospinal fluid barrier.

The Aryl Hydrocarbon Receptor and the Nervous System.

Volatile Organic Compounds of Malignant Breast Cancer Wounds: Identification and Odors.

Microbiome-Metabolomics Analysis of the Impacts of Long-Term Dietary Advanced-Glycation-End-Product Consumption on C57BL/6 Mouse Fecal Microbiota and Metabolites.

Glyphosate-based herbicide enhances the uterine sensitivity to estradiol in rats.

Comparison of the Metabolic Behaviors of Six Systemic Insecticides in a Newly Established Cell Suspension Culture Derived from Tea (*Camellia sinensis* L.) Leaves.

Data on recurrent somatic embryogenesis and in vitro micropropagation of *Cnidium officinale* Makino.

Gut microbiota influences Alzheimer's disease pathogenesis by regulating acetate in *Drosophila* model.

Metabolite profiles of callus and cell suspension cultures of mangosteen.

Ancestral TCDD Exposure Induces Multigenerational Histologic and Transcriptomic Alterations in Gonads of Male Zebrafish.

Sex-related differences in the associations between maternal dioxin-like compounds and reproductive and steroid hormones in cord blood: The Hokkaido study.

Behaviour of S-metolachlor and its oxanilic and ethanesulfonic acids metabolites under fresh vs. partially decomposed cover crop mulches: A laboratory study.

The Role of Endocrine and Dioxin-Like Activity of Extracts of Petroleum Substances in Developmental Toxicity as Detected in a Panel of CALUX Reporter Gene Assays.

Effects of Prebiotic Fiber Xylooligosaccharide in Adenine-Induced Nephropathy in Mice.

Acetyl-L-Carnitine Attenuates Arsenic-Induced Oxidative Stress and Hippocampal Mitochondrial Dysfunction.

Serum metabolome profiling revealed potential biomarkers for milk protein yield in dairy cows.

A Suspect Screening Method for Characterizing Multiple Chemical Exposures among a Demographically Diverse Population of Pregnant Women in San Francisco.

Metabolomics Discovers Early-Response Metabolic Biomarkers that Can Predict Chronic Reproductive Fitness in Individual *Daphnia magna*.

Food Chemicals Disrupt Human Gut Microbiota Activity And Impact Intestinal Homeostasis As Revealed By In Vitro Systems.

Metabolomic analysis of serum from rats following long-term intake of Chinese sausage.

Advancing Patient Safety and Access to Concentrated Insulin (U-500 Regular Insulin) in the Veterans Health Administration: A Clinician Education Program in the Primary Care Setting.

Toward an adverse outcome pathway for impaired growth: Mitochondrial dysfunction impairs growth in early life stages of the fathead minnow (*Pimephales promelas*).

Nuclear magnetic resonance- and gas chromatography/mass spectrometry-based metabolomic characterization of water-soluble and volatile compound profiles in cabbage vinegar.

The impact of short-chain fatty acids on GLP-1 and PYY secretion from the isolated perfused rat colon.

Arsenic methylation capacity in relation to nutrient intake and genetic polymorphisms in one-carbon metabolism.

Acclimation process of cultivating *Chlorella vulgaris* in toxic excess sludge extract and its response mechanism.

Association of dioxin exposure and reproductive hormone levels in men living near the Bien Hoa airbase, Vietnam.

Exposure and risk assessment to arsenic species in Spanish children using biomonitoring.

Melatonin Rescues Mesenchymal Stem Cells from Senescence Induced by the Uremic Toxin p-Cresol via Inhibiting mTOR-Dependent Autophagy.

Transcriptomic evidence for involvement of reactive oxygen species in *Rhizoctonia solani* AG1 IA sclerotia maturation.

Systemic Acrolein Elevations in Mice With Experimental Autoimmune Encephalomyelitis and Patients With Multiple Sclerosis.

The gut microbiota metabolite indole alleviates liver inflammation in mice.

Metabolomic assessment of arsenite toxicity and novel biomarker discovery in early development of zebrafish embryos.

Cutaneous Adnexal Cysts Revisited: What We Know and What We Think We Know.

Dynamic microbial succession of Shanxi aged vinegar and its correlation with flavor metabolites during different stages of acetic acid fermentation.

Urinary metabolites of volatile organic compounds of infants in the neonatal intensive care unit.

The ability of human intestinal anaerobes to metabolize different oligosaccharides: Novel means for microbiota modulation?

High-throughput assessment of oxidative respiration in fish embryos: Advancing adverse outcome pathways for mitochondrial dysfunction.

Characterization of toluene metabolism by methanotroph and its effect on methane oxidation.

Explaining the accelerated degradation of ciprofloxacin, sulfamethazine, and erythromycin in different soil exposure scenarios by their aqueous extractability.

Peripubertal serum dioxin concentrations and subsequent sperm methylome profiles of young Russian adults.

PCB126 Inhibits the Activation of AMPK-CREB Signal Transduction Required for Energy Sensing in Liver.

Continuous Infusion of Phenyline, Cyclosporine A, or Their Combination: Evaluation of Mitochondrial Bioenergetics, Oxidative Damage, and Cytoskeletal Degradation following Severe Controlled Cortical Impact Traumatic Brain Injury in Rats.

Accumulation properties of polychlorinated biphenyl congeners in Yusho patients and prediction of their cytochrome P450-dependent metabolism by in silico analysis.

The Role of Uron and Chlorobenzene Derivatives, as Potential Endocrine Disrupting Compounds, in the Secretion of ACTH and PRL.

Factors Influencing in Vitro Organogenesis of *Chrysanthemum morifolium* cv. 'Resomee Splendid'.

Effects of biochar on the fate and toxicity of herbicide fenoxaprop-ethyl in soil.

Electrochemical simulation of triclosan metabolism and toxicological evaluation.

Human biomonitoring reference values for some non-persistent chemicals in blood and urine derived from the Canadian Health Measures Survey 2009-2013.

Transformation techniques for metabolic engineering of diatoms and haptophytes: current state and prospects.

From lignin to nylon: Cascaded chemical and biochemical conversion using metabolically engineered *Pseudomonas putida*.

Developing a piggyBac Transposon System and Compatible Selection Markers for Insertional Mutagenesis and Genome Engineering in *Yarrowia lipolytica*.

Somatic embryogenesis of muskmelon (*Cucumis melo* L.) and genetic stability assessment of regenerants using flow cytometry and ISSR markers.

Palmitic acid induces neurotoxicity and gliatotoxicity in SH-SY5Y human neuroblastoma and T98G human glioblastoma cells.

Phytotoxic and Antifungal Metabolites from *Curvularia crepinii* QTYC-1 Isolated from the Gut of *Pantala flavescens*.

Improved safety margin for embryotoxicity in rats for the new endoperoxide artefenomel (OZ439) as compared to artesunate.

A Three-Ring Circus: Metabolism of the Three Proteogenic Aromatic Amino Acids and Their Role in the Health of Plants and Animals.

Pasture Feeding Changes the Bovine Rumen and Milk Metabolome.

Molecular Mechanism of Alternative P450-Catalyzed Metabolism of Environmental Phenolic Endocrine-Disrupting Chemicals.

Adolescent Exposure to Toxic Volatile Organic Chemicals From E-Cigarettes.

Prenatal exposure to glycol ethers and sex steroid hormones at birth.

Ophthalmic acid is a marker of oxidative stress in plants as in animals.

A comparison of fish pesticide metabolic pathways with those of the rat and goat.

Using *Chlorella vulgaris* to treat toxic excess sludge extract, and identification of its response mechanism by proteomics approach.

Epidermal Growth Factor Receptor Signaling Disruption by Endocrine and Metabolic Disrupting Chemicals.

Cellular and Molecular Effects of Prolonged Low-Level Sodium Arsenite Exposure on Human Hepatic HepaRG Cells.

Pretty Good or Pretty Bad? The Ovary and Chemicals in Personal Care Products.

Metabolite profiling and isolation of biologically active compounds from *Scadoxus puniceus*, a highly traded South African medicinal plant.

Curcumin and its derivatives inhibit 2,3,7,8,-tetrachloro-dibenzo-p-dioxin-induced expression of drug metabolizing enzymes through aryl hydrocarbon receptor-mediated pathway.

Simultaneous determination and method validation of clethodim and its metabolites clethodim sulfoxide and clethodim sulfone in tobacco by LC-MS/MS.

Integrated metabolic models for xenobiotic induced mitochondrial toxicity in skeletal muscle.

Enzyme polymorphism, oxygen and injury: a lipidomic analysis of flight-induced oxidative damage in a succinate dehydrogenase d (Sdhd)-polymorphic insect.

The aryl hydrocarbon receptor and retinoid receptors cross-talk at the CYP1A1 promoter in vitro.

ER-stress mobilization of death-associated protein kinase-1-dependent xenophagy counteracts mitochondria stress-induced epithelial barrier dysfunction.

The Effect of Oxidative Stress Towards The Expression of Thiamine Biosynthesis Genes (THIC and THI1/THI4) in Oil Palm (*Elaeis guineensis*).

Differential induction of polar and non-polar metabolism during wound-induced suberization in potato (*Solanum tuberosum* L.) tubers.

Phenyl sulfate, indoxyl sulfate and p-cresyl sulfate decrease glutathione level to render cells vulnerable to oxidative stress in renal tubular cells.

Dysregulation of Intestinal Health by Environmental Pollutants: Involvement of the Estrogen Receptor and Aryl Hydrocarbon Receptor.

Prenatal dioxin exposure estimated from dioxins in breast milk and sex hormone levels in umbilical cord blood in Vietnamese newborn infants.

Association of prenatal exposure to PCDD/Fs and PCBs with maternal and infant thyroid hormones: The Hokkaido Study on Environment and Children's Health.

Effects of sulfur-fumigation on the pharmacokinetics, metabolites and analgesic activity of *Radix Paeoniae Alba*.

Haloacetic Acid Water Disinfection Byproducts Affect Pyruvate Dehydrogenase Activity and Disrupt Cellular Metabolism.

The rolB plant oncogene affects multiple signaling protein modules related to hormone signaling and plant defense.

Persistence behavior of metamifop and its metabolite in rice ecosystem.

Synthesis of Scutellarein Derivatives with a Long Aliphatic Chain and Their Biological Evaluation against Human Cancer Cells.

Sensitive and rapid determination of glyphosate, glufosinate, bialaphos and metabolites by UPLC-MS/MS using a modified Quick Polar Pesticides Extraction method.

Differential exposure and acute health impacts of inhaled solid-fuel emissions from rudimentary and advanced cookstoves in female CD-1 mice.

Effects of arsenolipids on in vitro blood-brain barrier model.

A hierarchical testing strategy for micropollutants in drinking water regarding their potential endocrine-disrupting effects-towards health-related indicator values.

The Contribution of Superoxide Radical to Cadmium Toxicity in E. coli.

Plant hormone cytokinins control cell cycle progression and plastid replication in apicomplexan parasites.

Aryl hydrocarbon receptor signaling modulates antiviral immune responses: ligand metabolism rather than chemical source is the stronger predictor of outcome.

Development and Metabolite Profiling of Elephant Garlic Vinegar.

Compensation for chronic oxidative stress in ALADIN null mice.

Comprehensive genome-wide analysis of Glutathione S-transferase gene family in potato (*Solanum tuberosum* L.) and their expression profiling in various anatomical tissues and perturbation conditions.

The levels of peroxisomal catalase protein and activity modulate the onset of cell death in tobacco BY-2 cells via reactive oxygen species levels and autophagy.

Electronic cigarette-generated aldehydes: The contribution of e-liquid components to their formation and the use of urinary aldehyde metabolites as biomarkers of exposure.

[Determination of Hexazinone and Its Major Metabolites in Livestock Products by LC-MS/MS].

[Polymorphisms of the Arsenite Methyltransferase (As3MT) gene and urinary efficiency of arsenic metabolism in a population in northern Mexico].

A Review on the Expression and Metabolic Features of Orphan Human Cytochrome P450 2S1 (CYP2S1).

Novel Biosensors for the Rapid Detection of Toxicants in Foods.

Cigarette Smoke Extract Disrupts Transcriptional Activities Mediated by Thyroid Hormones and Its Receptors.

Self-Directed in Cell Production of Methionine Analogue Azidohomoalanine by Synthetic Metabolism and Its Incorporation into Model Proteins.

Dioxin Exposure Alters Molecular and Morphological Responses to Thyroid Hormone in *Xenopus laevis* Cultured Cells and Prometamorphic Tadpoles.

Neighborhood Factors and Urinary Metabolites of Nicotine, Phthalates, and Dichlorobenzene.

Enabling the valorization of guaiacol-based lignin: Integrated chemical and biochemical production of cis,cis-muconic acid using metabolically engineered *Amycolatopsis* sp ATCC 39116.

Metabolism and disposition of arsenic species from controlled oral dosing with sodium arsenite in adult female CD-1 mice. I. Pilot study to determine dosing, analytical measurements, and sampling strategies.

Combined toxicity of triclosan, 2,4-dichlorophenol and 2,4,6-trichlorophenol to zebrafish (*Danio rerio*).

Early Metabolome Profiling and Prognostic Value in Paraquat-Poisoned Patients: Based on Ultraperformance Liquid Chromatography Coupled To Quadrupole Time-of-Flight Mass Spectrometry.

Enantioselective disturbance of chiral herbicide dichlorprop to nitrogen metabolism of *Arabidopsis thaliana*: Regular analysis and stable isotope attempt.

Cytogenetic damage in peripheral blood lymphocytes of children exposed to pesticides in agricultural areas of the department of Cordoba, Colombia.

Effects of glyphosate residues and different concentrate feed proportions on performance, energy metabolism and health characteristics in lactating dairy cows.

Effects of glyphosate-based herbicides on survival, development and growth of invasive snail (*Pomacea canaliculata*).

Effects of glyphosate-based herbicide on pintado da AmazÃ´nia: Hematology, histological aspects, metabolic parameters and genotoxic potential.

Tissue metabolic changes for effects of pirfenidone in rats of acute paraquat poisoning by GC-MS.

Editor's Highlight: Structure-Based Investigation on the Binding and Activation of Typical Pesticides With Thyroid Receptor.

RNA sequencing indicates that atrazine induces multiple detoxification genes in *Daphnia magna* and this is a potential source of its mixture interactions with other chemicals.

Exposures to arsenite and methylarsonite produce insulin resistance and impair insulin-dependent glycogen metabolism in hepatocytes.

Acrolein Disrupts Tight Junction Proteins and Causes Endoplasmic Reticulum Stress-Mediated Epithelial Cell Death Leading to Intestinal Barrier Dysfunction and Permeability.

Facts and Fallacies in the Debate on Glyphosate Toxicity.

Genetic variation in Dip5, an amino acid permease, and Pdr5, a multiple drug transporter, regulates glyphosate resistance in *S. cerevisiae*.

Agricultural expansion as risk to endangered wildlife: Pesticide exposure in wild chimpanzees and baboons displaying facial dysplasia.

Dopaminergic Dysfunction in Mammalian Dopamine Neurons Induced by Simazine Neurotoxicity.

The hepatoprotective effects of aquatic extract of *Levisticum officinale* against paraquat hepatocyte toxicity.

Fluazifop-P-butyl induced ROS generation with IAA (indole-3-acetic acid) oxidation in *Acanthospermum hispidum* D.C.

Mechanism of resistance to cyhalofop-butyl in Chinese sprangletop (*Leptochloa chinensis* (L.) Nees).

Characterization of glutathione S-transferases in the detoxification of metolachlor in two maize cultivars of differing herbicide tolerance.

Multiple mechanisms are involved in new imazamox-resistant varieties of durum and soft wheat.

Induction of the PDH bypass and upregulation of the ALDH7B4 in plants treated with herbicides inhibiting amino acid biosynthesis.

Proteomic analysis of the soil filamentous fungus *Aspergillus nidulans* exposed to a Roundup formulation at a dose causing no macroscopic effect: a functional study.

The dissipation and risk assessment of 2,4-D sodium, a preharvest anti-fruit-drop plant hormone in bayberries.

Glyphosate-induced oxidative stress in *Arabidopsis thaliana* affecting peroxisomal metabolism and triggers activity in the oxidative phase of the pentose phosphate pathway (OxPPP) involved in NADPH generation.

Atrazine exposure decreases the activity of DNMTs, global DNA methylation levels, and dnmt expression.

Exposure of frogs and tadpoles to chiral herbicide fenoxaprop-ethyl.

Serine alleviates oxidative stress via supporting glutathione synthesis and methionine cycle in mice.

Epi/perineural and Schwann Cells as Well as Perineural Sheath Integrity are Affected Following 2,4-D Exposure.

Detoxification of Atrazine by Low Molecular Weight Thiols in Alfalfa (*Medicago sativa*).

Assessment of genotoxicity of four volatile pollutants from cigarette smoke based on the in vitro $^3\text{H}2\text{AX}$ assay using high content screening.

Influence of sublethal doses of acetamiprid and halosulfuron-methyl on metabolites of zebra fish (*Brachydanio rerio*).

Neonatal exposure to a glyphosate-based herbicide alters uterine decidualization in rats.

Effects of sub-chronic exposure to terbuthylazine on DNA damage, oxidative stress and parent compound/metabolite levels in adult male rats.

Lack of immunotoxic effects of repeated exposure to atrazine associated with the adaptation of adrenal gland activation.

Herbicide glufosinate inhibits yeast growth and extends longevity during wine fermentation.

Atrazine induced epigenetic transgenerational inheritance of disease, lean phenotype and sperm epimutation pathology biomarkers.

Reproductive toxicity of Roundup herbicide exposure in male albino rat.

Simultaneous determination of bentazone and its metabolites in postmortem whole blood using liquid chromatography-tandem mass spectrometry.

The metabolic effects of diuron in the rat liver.

Insights into the differential toxicological and antioxidant effects of 4-phenylchalcogenil-7-chloroquinolines in *Caenorhabditis elegans*.

Cyclophosphamide and acrolein induced oxidative stress leading to deterioration of metaphase II mouse oocyte quality.

Gender-specific histopathological response in guppies *Poecilia reticulata* exposed to glyphosate or its metabolite aminomethylphosphonic acid.

Toxicity of two classes of arsenolipids and their water-soluble metabolites in human differentiated neurons.

Exogenous Acrolein intensifies sensory hypersensitivity after spinal cord injury in rat.

Role of metabolites of cyclophosphamide in cardiotoxicity.

Distribution and incorporation mode of the herbicide MCPA in soil derived organo-clay complexes.

Respiratory Effects and Systemic Stress Response Following Acute Acrolein Inhalation in Rats.

Biomarkers of Chronic Acrolein Inhalation Exposure in Mice: Implications for Tobacco Product-Induced Toxicity.

Tanshinone I Induces Mitochondrial Protection through an Nrf2-Dependent Mechanism in Paraquat-Treated Human Neuroblastoma SH-SY5Y Cells.

[Experimental study scavenging effect of paraquat by hemoperfusion].

Metabolic profiling of goldfish (*Carassius auratus*) after long-term glyphosate-based herbicide exposure.

Influence of temperature on the antioxidant responses and lipid peroxidation of two species of tadpoles (*Rhinella schneideri* and *Physalaemus nattereri*) exposed to the herbicide sulfentrazone (Boral 500SC[®]).

Effects of monosulfuron-ester on metabolic processes of nitrogen-fixing cyanobacteria *Anabaena flos-aquae* and *Anabaena azotica*.

In utero exposure to atrazine analytes and early menarche in the Avon Longitudinal Study of Parents and Children Cohort.

Effect of glyphosate acid on biochemical markers of periphyton exposed in outdoor mesocosms in the presence and absence of the mussel *Limnoperna fortunei*.

DNA damage and methylation induced by glyphosate in human peripheral blood mononuclear cells (in vitro study).

Glucose Metabolism and AMPK Signaling Regulate Dopaminergic Cell Death Induced by Gene (±-Synuclein)-Environment (Paraquat) Interactions.

Arginine metabolism and its protective effects on intestinal health and functions in weaned piglets under oxidative stress induced by diquat.

Is it time to reassess current safety standards for glyphosate-based herbicides?

Activating nuclear xenobiotic receptors and triggering ER stress and hepatic cytochromes P450 systems in quails (*Coturnix C. coturnix*) during atrazine exposure.

Evidence for direct effects of glyphosate on ovarian function: glyphosate influences steroidogenesis and proliferation of bovine granulosa but not theca cells in vitro.

Exchange of polar lipids from adults to neonates in *Daphnia magna*: Perturbations in sphingomyelin allocation by dietary lipids and environmental toxicants.

Isoxadifen safening mechanism in sweet corn genotypes with differential response to P450-metabolized herbicides.

Isolation and characterization of two glutathione S-transferases from freshwater bivalve *Anodonta woodiana*: Chronic effects of pentachlorophenol on gene expression profiles.

Weight-of-the-evidence evaluation of 2,4-D potential for interactions with the estrogen, androgen and thyroid pathways and steroidogenesis.

Root-level exposure reveals multiple physiological toxicity of triazine xenobiotics in *Arabidopsis thaliana*.

Reduced expression of selective immune-related genes in silver catfish (*Rhamdia quelen*) monocytes exposed to atrazine.

Effects of atrazine and chlorothalonil on the reproductive success, development, and growth of early life stage sockeye salmon (*Oncorhynchus nerka*).

Effects of three triazine metabolites and their mixture at environmentally relevant concentrations on early life stages of marbled crayfish (*Procambarus fallax f. virginalis*).

Metabolic Interference of sod gene mutations on catalase activity in *Escherichia coli* exposed to Gramoxone® (paraquat) herbicide.

The association of cancer risks with pentachlorophenol exposure: Focusing on community population in the areas along certain section of Yangtze River in China.

Sodium chlorate, a major water disinfection byproduct, alters brush border membrane enzymes, carbohydrate metabolism and impairs antioxidant system of Wistar rat intestine.

Assessing genotoxicity of diuron on *Drosophila melanogaster* by the wing-spot test and the wing imaginal disk comet assay.

Effects of melatonin in rats in the initial third stage of pregnancy exposed to sub-lethal doses of herbicides.

Evaluation of various glyphosate concentrations on DNA damage in human Raji cells and its impact on cytotoxicity.

Biological responses to phenylurea herbicides in fish and amphibians: New directions for characterizing mechanisms of toxicity.

Acrolein increases macrophage atherogenicity in association with gut microbiota remodeling in atherosclerotic mice: protective role for the polyphenol-rich pomegranate juice.

Effects of a glyphosate-based herbicide on the uterus of adult ovariectomized rats.

The chronic effects of terbuthylazine-2-hydroxy on early life stages of marbled crayfish (*Procambarus fallax f. virginalis*).

Mapping Proteome-wide Targets of Glyphosate in Mice.

Identification of sulfonylurea biodegradation pathways enabled by a novel nicosulfuron-transforming strain *Pseudomonas fluorescens* SG-1: Toxicity assessment and effect of formulation.

Perinatal exposure to glyphosate-based herbicide alters the thyrotrophic axis and causes thyroid hormone homeostasis imbalance in male rats.

Fast pesticide detection inside microfluidic device with integrated optical pH, oxygen sensors and algal fluorescence.

Ustiloxin G, a New Cyclopeptide Mycotoxin from Rice False Smut Balls.

Quizalofop-P-ethyl exposure increases estrogen axis activity in male and slightly decreases estrogen axis activity in female zebrafish (*Danio rerio*).

Biodegradation of the Herbicide 2,4-Dichlorophenoxyacetic Acid by a New Isolated Strain of *Achromobacter* sp. LZ35.

Effects of atrazine on ovarian growth, in the estuarine crab *Neohelice granulata*.

A glyphosate-based herbicide induces histomorphological and protein expression changes in the liver of the female guppy *Poecilia reticulata*.

Mixtures of herbicides and metals affect the redox system of honey bees.

Neonatal exposure to a glyphosate based herbicide alters the development of the rat uterus.

Protective effects of activated signaling pathways by insulin on C6 glial cell model of MPP(+)-induced Parkinson's disease.

The protective effects of *Cichorium glandulosum* seed and cynarin against cyclophosphamide and its metabolite acrolein-induced hepatotoxicity in vivo and in vitro.

Toxicity of Plant Secondary Metabolites Modulating Detoxification Genes Expression for Natural Red Palm Weevil Pesticide Development.

Acrolein and Human Disease: Untangling the Knotty Exposure Scenarios Accompanying Several Diverse Disorders.

Pesticide Chemical Research in Toxicology: Lessons from Nature.

Multiomics reveal non-alcoholic fatty liver disease in rats following chronic exposure to an ultra-low dose of Roundup herbicide.

Protective action of Omega-3 on paraquat intoxication in *Drosophila melanogaster*.

[Unexplored Chemical Reactions of Endogenous Acrolein: Detection, Toxicity, and Biological Roles].

A longitudinal study of atrazine and 2,4-D exposure and oxidative stress markers among Iowa corn farmers.

Biomarker analysis of American toad (*Anaxyrus americanus*) and grey tree frog (*Hyla versicolor*) tadpoles following exposure to atrazine.

Effect of the herbicide atrazine and its metabolite DACT on bovine sperm quality.

Sodium chlorate, a herbicide and major water disinfectant byproduct, generates reactive oxygen species and induces oxidative damage in human erythrocytes.

Effects of glyphosate acid and the glyphosate-commercial formulation (Roundup) on *Dimorphandra wilsonii* seed germination: Interference of seed respiratory metabolism.

Immunotoxic effects of atrazine and its main metabolites at environmental relevant concentrations on larval zebrafish (*Danio rerio*).

Pentachlorophenol affected both reproductive and interrenal systems: In silico and in vivo evidence.

Embryo-larval exposure to atrazine reduces viability and alters oxidative stress parameters in *Drosophila melanogaster*.

Prometryn and humic acid induce Cytochrome P450 1A expression in *Danio rerio* (zebrafish).

Short-term phytotoxicity in *Brassica napus* (L.) in response to pre-emergently applied metazachlor: A microcosm study.

Beneficial Effects of the Amino Acid Glycine.

Population and life-stage-specific effects of two herbicide formulations on the aquatic development of European common frogs (*Rana temporaria*).

Association of Low-Moderate Arsenic Exposure and Arsenic Metabolism with Incident Diabetes and Insulin Resistance in the Strong Heart Family Study.

Cinnamaldehyde induces fat cell-autonomous thermogenesis and metabolic reprogramming.

Soluble Vascular Adhesion Protein-1 Mediates Spermine Oxidation as Semicarbazide-Sensitive Amine Oxidase: Possible Role in Proliferative Diabetic Retinopathy.

An investigation of the health effects caused by exposure to arsenic from drinking water and coal combustion: arsenic exposure and metabolism.

Coadministration of isomalto-oligosaccharides augments metabolic health benefits of cinnamaldehyde in high fat diet fed mice.

Acrolein Scavenger Hydralazine Prevents Streptozotocin-Induced Painful Diabetic Neuropathy and Spinal Neuroinflammation in Rats.

Combined Catalase and ADH Inhibition Ameliorates Ethanol-Induced Myocardial Dysfunction Despite Causing Oxidative Stress in Conscious Female Rats.

Individual Amino Acid Supplementation Can Improve Energy Metabolism and Decrease ROS Production in Neuronal Cells Overexpressing Alpha-Synuclein.

Carbenoxolone inhibits TRPV4 channel-initiated oxidative urothelial injury and ameliorates cyclophosphamide-induced bladder dysfunction.

Targeted proteome analysis with isotope-coded protein labels for monitoring the influence of dietary phytochemicals on the expression of cytoprotective proteins in primary human colon cells.

Fusarium infection causes genotoxic disorders and antioxidant-based damages in *Orobancha* spp.

Cinnamaldehyde in diabetes: A review of pharmacology, pharmacokinetics and safety.

4-Hydroxyphenylpyruvate Dioxygenase and Its Inhibition in Plants and Animals: Small Molecules as Herbicides and Agents for the Treatment of Human Inherited Diseases.

Computational study involving identification of endocrine disrupting potential of herbicides: Its implication in TDS and cancer progression in CRPC patients.

Cinnamaldehyde potentially attenuates gestational hyperglycemia in rats through modulation of PPAR α , proinflammatory cytokines and oxidative stress.

In vitro antioxidant activities of resveratrol, cinnamaldehyde and their synergistic effect against cyadox-induced cytotoxicity in rabbit erythrocytes.

Effects of cinnamaldehyde or monensin on performance of weaned Holstein dairy heifers.

Diquat-induced cellular pyridine nucleotide redox changes and alteration of metabolic enzyme activities in colonic carcinoma cells.

Cinnamaldehyde Ameliorates Diet-Induced Obesity in Mice by Inducing Browning of White Adipose Tissue.

Local upregulation of transient receptor potential ankyrin 1 and transient receptor potential vanilloid 1 ion channels in rectosigmoid deep infiltrating endometriosis.

Localization of Acrolein-Lysine Adduct in Fibrovascular Tissues of Proliferative Diabetic Retinopathy.

Antifungal Activity of *Ramulus cinnamomi* Explored by $^1\text{H-NMR}$ Based Metabolomics Approach.

[Confirmation and analysis of the metabolites of pentachlorophenol in loaches using ultra-performance liquid chromatography-high resolution mass spectrometry].

A CRISPR screen identifies a pathway required for paraquat-induced cell death.

Metabolomic analysis of oxidative stress: Superoxide dismutase mutation and paraquat induced stress in *Drosophila melanogaster*.

Unusual arsenic metabolism in Giant Pandas.

Phytotoxic activity against *Bromus tectorum* for secondary metabolites of a seed-pathogenic *Fusarium* strain belonging to the *F. tricinctum* species complex.

Chloroplast-associated metabolic functions influence the susceptibility of maize to *Ustilago maydis*.

Foliar Glyphosate Treatment Alters Transcript and Hormone Profiles in Crown Buds of Leafy Spurge and Induces Dwarfed and Bushy Phenotypes throughout its Perennial Lifecycle.

Microbial catabolism of chemical herbicides: Microbial resources, metabolic pathways and catabolic genes.

Different Routes for Conifer- and Sinapaldehyde and Higher Saccharification upon Deficiency in the Dehydrogenase CAD1.

Multiple spectroscopic analyses reveal the fate and metabolism of sulfamide herbicide triafamone in agricultural environments.

The inhibition of myometrial contractions by chlorinated herbicides (atrazine and linuron), and their disruptive effect on the secretory functions of uterine and ovarian cells in cow, in vitro.

Phytochemicals reduce aflatoxin-induced toxicity in chicken embryos.

Using short-term bioassays to evaluate the endocrine disrupting capacity of the pesticides linuron and fenoxycarb.

An accurate and robust LC-MS/MS method for the quantification of chlorfenvinphos, ethion and linuron in liver samples.

Biochemical characterization of metabolism-based atrazine resistance in *Amaranthus tuberculatus* and identification of an expressed GST associated with resistance.

Uptake, Translocation, Metabolism, and Distribution of Glyphosate in Nontarget Tea Plant (*Camellia sinensis* L.).

Combination of quercetin, cinnamaldehyde and hirudin protects rat dorsal root ganglion neurons against high glucose-induced injury through Nrf-2/HO-1 activation and NF- κ B inhibition.

Enantioselective accumulation, metabolism and phytoremediation of lactofen by aquatic macrophyte *Lemna minor*.

Biodegradation of diuron by an endophytic fungus *Neurospora intermedia* DP8-1 isolated from sugarcane and its potential for remediating diuron-contaminated soils.

Identification and Biological Evaluation of Secondary Metabolites from Marine Derived Fungi-*Aspergillus* sp. SCSLOW3, Cultivated in the Presence of Epigenetic Modifying Agents.

Evidence of *in vitro* metabolic interaction effects of a chlorfenvinphos, ethion and linuron mixture on human hepatic detoxification rates.

Biokinetic Analysis and Metabolic Fate of 2,4-D in 2,4-D-Resistant Soybean (*Glycine max*).

Estimating Pesticide Attenuation From Water Dating and the Ratio of Metabolite to Parent Compound.

Iron and Zinc Supplementation Does Not Impact Urinary Arsenic Excretion in Mexican School Children.

The metabolic pathway of metamifop degradation by consortium ME-1 and its bacterial community structure.

A drastic superoxide-dependent oxidative stress is prerequisite for the down-regulation of IRP1: Insights from studies on SOD1-deficient mice and macrophages treated with paraquat.

ROS regulation of axonal mitochondrial transport is mediated by Ca²⁺ and JNK in *Drosophila*.

Optimization and Validation of a Residue Analysis Method for Glyphosate, Glufosinate, and Their Metabolites in Plant Matrixes by Liquid Chromatography with Tandem Mass Spectrometry.

Changes in the mitochondrial protein profile due to ROS eruption during ageing of elm (*Ulmus pumila* L.) seeds.

Metabolic parameters and oxidative balance in juvenile *Rhamdia quelen* exposed to rice paddy herbicides: Roundup(®), Primoleo(®), and Facet(®).

Formation of 2,4-D bound residues in soils: New insights into microbial metabolism.

Autophagy deficient keratinocytes display increased DNA damage, senescence and aberrant lipid composition after oxidative stress *in vitro* and *in vivo*.

Simple and sensitive determination of atrazine and its toxic metabolites in environmental water by carboxyl modified polyacrylonitrile nanofibers mat-based solid-phase extraction coupled with liquid chromatography-diode array detection.

Urinary Concentrations of Insecticide and Herbicide Metabolites among Pregnant Women in Rural Ghana: A Pilot Study.

Interaction of chiral herbicides with soil microorganisms, algae and vascular plants.

Metabolome based volatiles profiling in 13 date palm fruit varieties from Egypt via SPME GC-MS and chemometrics.

In vitro study of soil arsenic release by human gut microbiota and its intestinal absorption by Caco-2 cells.

Phorate can reverse P450 metabolism-based herbicide resistance in *Lolium rigidum*.

Effect of pesticides and metabolites on groundwater bacterial community.

The Mitochondrial Lon Protease Is Required for Age-Specific and Sex-Specific Adaptation to Oxidative Stress.

Enhanced Indirect Somatic Embryogenesis from Shoot-Tip Explants of Date Palm by Gradual Reductions of 2,4-D Concentration.

Phytotoxic, Antifungal and Immunosuppressive Metabolites from *Aspergillus terreus* QT122 Isolated from the Gut of Dragonfly.

Occurrence of the herbicide glyphosate and its metabolite AMPA in surface waters in Switzerland determined with on-line solid phase extraction LC-MS/MS.

Novel insights into the metabolic pathway of iprodione by soil bacteria.

Impact of the Oral Adsorbent AST-120 on Organ-Specific Accumulation of Uremic Toxins: LC-MS/MS and MS Imaging Techniques.

Effects of Nrf2 deficiency on arsenic metabolism in mice.

Diverse pathways of epithelial mesenchymal transition related with cancer progression and metastasis and potential effects of endocrine disrupting chemicals on epithelial mesenchymal transition process.

Environmental estrogen-like endocrine disrupting chemicals and breast cancer.

Chloracne in a Farming Family.

p-Cresyl glucuronide is a major metabolite of p-cresol in mouse: in contrast to p-cresyl sulphate, p-cresyl glucuronide fails to promote insulin resistance.

Persistent Endocrine-Disrupting Chemicals and Fatty Liver Disease.

From the Cover: High Susceptibility of Lrig1 Sebaceous Stem Cells to TCDD in Mice.

The Effects of an Environmentally Relevant Level of Arsenic on the Gut Microbiome and Its Functional Metagenome.

Editor's Highlight: PCB126 Exposure Increases Risk for Peripheral Vascular Diseases in a Liver Injury Mouse Model.

Elucidation of protective efficacy of Pentahydroxy flavone isolated from *Madhuca indica* against arsenite-induced cardiomyopathy: Role of Nrf-2, PPAR- γ , c-fos and c-jun.

Genetic susceptibility to breast cancer risk associated with inorganic arsenic exposure.

Maternal Resveratrol Treatment Reduces the Risk of Mammary Carcinogenesis in Female Offspring Prenatally Exposure to 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Changes in vasoactive pathways in congenital diaphragmatic hernia associated pulmonary hypertension explain unresponsiveness to pharmacotherapy.

Enoxacin with UVA Irradiation Induces Apoptosis in the AsPC1 Human Pancreatic Cancer Cell Line Through ROS Generation.

Obesogenic endocrine disruptors and obesity: myths and truths.

A dioxin-like compound induces hyperplasia and branching morphogenesis in mouse mammary gland, through alterations in TGF- β 1 and aryl hydrocarbon receptor signaling.

Microbiome perturbation by oral vancomycin reduces plasma concentration of two gut-derived uremic solutes, indoxyl sulfate and p-cresyl sulfate, in end-stage renal disease.

Targeting energy metabolism of cancer cells: Combined administration of NCL-240 and 2-DG.

[Sensory axonal polyneuropathy due to 2,4-dinitrophenol].

Mitochondrial uncoupling in the melanocortin system differentially regulates NPY and POMC neurons to promote weight-loss.

Association Between Dioxin and Metabolic Syndrome by Age and Sex in an Endemic Area of Exposure in Taiwan.

Heme Biosynthetic Pathway is Functionally Linked to Adipogenesis via Mitochondrial Respiratory Activity.

Mixture effects of 30 environmental contaminants on incident metabolic syndrome-A prospective study.

Effect of dioxin and 17 β -estradiol on the expression of cytochrome P450 1A1 gene via an estrogen receptor dependent pathway in cellular and xenografted models.

The relationship between dioxins exposure and risk of prostate cancer with steroid hormone and age in Vietnamese men.

The human bitter taste receptor T2R38 is broadly tuned for bacterial compounds.

Overexpression of the Transcriptional Regulator WOR1 Increases Susceptibility to Bile Salts and Adhesion to the Mouse Gut Mucosa in *Candida albicans*.

Adipose Tissue as a Site of Toxin Accumulation.

Chronic exposure of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces an obesogenic effect in C57BL/6J mice fed a high fat diet.

Changes in Serum Adiponectin in Mice Chronically Exposed to Inorganic Arsenic in Drinking Water.

Metabolic inhibition reduces cardiac L-type Ca²⁺ channel current due to acidification caused by ATP hydrolysis.

Relationships between serum-induced AhR bioactivity or mitochondrial inhibition and circulating polychlorinated biphenyls (PCBs).

Distribution, lipid-bilayer affinity and kinetics of the metabolic effects of dinoseb in the liver.

Increased Frequency of Rheumatoid Arthritis and Allergic Rhinitis among Pesticide Sprayers and Associations with Pesticide Use.

The Complex Biology of the Aryl Hydrocarbon Receptor and Its Role in the Pituitary Gland.

Tert-butylhydroquinone protects PC12 cells against ferrous sulfate-induced oxidative and inflammatory injury via the Nrf2/ARE pathway.

An infant and mother with severe B(12) deficiency: vitamin B(12) status assessment should be determined in pregnant women with anaemia.

Benign and tumor parenchyma metabolomic profiles affect compensatory renal growth in renal cell carcinoma surgical patients.

Key Role for the Organic Anion Transporters, OAT1 and OAT3, in the in vivo Handling of Uremic Toxins and Solutes.

High Consumption of Iron Exacerbates Hyperlipidemia, Atherosclerosis, and Female Sterility in Zebrafish via Acceleration of Glycation and Degradation of Serum Lipoproteins.

Insights into the intracellular mechanisms of citronellal in *Candida albicans*: implications for reactive oxygen species-mediated necrosis, mitochondrial dysfunction, and DNA damage.

Correlation Between Nasal Epithelial Injury and In Vitro Cytotoxicity Using a Series of Small Molecule Protein Tyrosine Phosphatase 1B Inhibitors Investigated for Reversal of Leptin Resistance in Obesity.

Downregulation of androgen receptors by NaAsO₂ via inhibition of AKT-NF- κ B and HSP90 in castration resistant prostate cancer.

Role of the aryl hydrocarbon receptor in carcinogenesis and potential as an anti-cancer drug target.

Thiamine and benfotiamine prevent stress-induced suppression of hippocampal neurogenesis in mice exposed to predation without affecting brain thiamine diphosphate levels.

Absence of the NOD2 protein renders epithelia more susceptible to barrier dysfunction due to mitochondrial dysfunction.

Effect of pistachio consumption on the modulation of urinary gut microbiota-related metabolites in prediabetic subjects.

Direct participation of DNA in the formation of singlet oxygen and base damage under UVA irradiation.

Protective effect of hydroxytyrosol in arsenic-induced mitochondrial dysfunction in rat brain.

Indole-3-carbinol, a plant nutrient and AhR-Ligand precursor, supports oral tolerance against OVA and improves peanut allergy symptoms in mice.

Dioxin-induced increase in leukotriene B₄ biosynthesis through the aryl hydrocarbon receptor and its relevance to hepatotoxicity owing to neutrophil infiltration.

Mitochondrion to endoplasmic reticulum apposition length in zebrafish embryo spinal progenitors is unchanged in response to perturbations associated with Alzheimer's disease.

Progesterone resistance in endometriosis: origins, consequences and interventions.

Levels and profiles of organohalogenated contaminants in human blood from Egypt.

Polychlorinated biphenyls exposure-induced insulin resistance is mediated by lipid droplet enlargement through Fsp27.

NAD(+) loss, a new player in AhR biology: prevention of thymus atrophy and hepatosteatosis by NAD(+) repletion.

TCF21 and the environmental sensor aryl-hydrocarbon receptor cooperate to activate a pro-inflammatory gene expression program in coronary artery smooth muscle cells.

Iron Supplements Modulate Colon Microbiota Composition and Potentiate the Protective Effects of Probiotics in Dextran Sodium Sulfate-induced Colitis.

Elastase and matrix metalloproteinase activities are associated with pulmonary vascular disease in the nitrofen rat model of congenital diaphragmatic hernia.

Limited reduction in uremic solute concentrations with increased dialysis frequency and time in the Frequent Hemodialysis Network Daily Trial.

The unusual presentation of a burn from methyl bromide exposure: A case report and review of the literature.

Dose-Response Relationship between Inorganic Arsenic Exposure and Lung Cancer among Arseniasis Residents with Low Methylation Capacity.

DNP, mitochondrial uncoupling, and neuroprotection: A little dab'll do ya.

Fecal metagenomic profiles in subgroups of patients with myalgic encephalomyelitis/chronic fatigue syndrome.

Lipidomic Evaluation of Aryl Hydrocarbon Receptor-Mediated Hepatic Steatosis in Male and Female Mice Elicited by 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Relation of polymorphism of arsenic metabolism genes to arsenic methylation capacity and developmental delay in preschool children in Taiwan.

Prevalence and pattern of potential drug-drug interactions among chronic kidney disease patients in south-western Nigeria.

Cost-effectiveness analysis of ultrasonography screening for nonalcoholic fatty liver disease in metabolic syndrome patients.

Endocrine disrupting compounds modulates adiponectin secretion, expression of its receptors and action on steroidogenesis in ovarian follicle.

Tyrosine kinase inhibition is an important factor for gene expression of CRTH2 in human eosinophils and lymphocytes: A novel mechanism for explaining eosinophils recruitment by the neuro-immune axis in allergic rhinitis.

Persistent organic pollutants and diabetes among Inuit in the Canadian Arctic.

1,2-Dichloroethane impairs glucose and lipid homeostasis in the livers of NIH Swiss mice.

Evaluation of sodium arsenite exposure on reproductive competence in pregnant and postlactational dams and their offspring.

Intracellular ATP in balance of pro- and anti-inflammatory cytokines in adipose tissue with and without tissue expansion.

Protective effects of levamisole, acetylsalicylic acid, and α -tocopherol against dioxin toxicity measured as the expression of AhR and COX-2 in a chicken embryo model.

In utero and childhood DDT, DDE, PBDE and PCBs exposure and sex hormones in adolescent boys: The CHAMACOS study.

Immunomodulation of cell-penetrating tat-metallothionein for successful outcome of xenotransplanted pancreatic islet.

Iron Deficiency Anemia in Adolescents Who Present with Heavy Menstrual Bleeding.

Prenatal Exposure to Glycol Ethers and Neurocognitive Abilities in 6-Year-Old Children: The PELAGIE Cohort Study.

Dioxin-like rather than non-dioxin-like PCBs promote the development of endometriosis through stimulation of endocrine-inflammation interactions.

Dose-response characteristics of Clematis triterpenoid saponins and clematichinenoside AR in rheumatoid arthritis rats by liquid chromatography/mass spectrometry-based serum and urine metabolomics.

Strain differences in arsenic-induced oxidative lesion via arsenic biomethylation between C57BL/6J and 129X1/SvJ mice.

Hyperglycemia enhances arsenic-induced platelet and megakaryocyte activation.

Bisphenol A and its derivatives tetrabromobisphenol A and tetrachlorobisphenol A induce apelin expression and secretion in ovarian cancer cells through a peroxisome proliferator-activated receptor gamma-dependent mechanism.

Pharmacologic Impact (aka "Breaking Bad") of Medications on Wound Healing and Wound Development: A Literature-based Overview.

Endocrine Disruptors and Obesity.

Targeted mitochondrial uncoupling beyond UCP1 - The fine line between death and metabolic health.

Chronic Exposure to Low Doses of Dioxin Promotes Liver Fibrosis Development in the C57BL/6J Diet-Induced Obesity Mouse Model.

Arsenite in drinking water produces glucose intolerance in pregnant rats and their female offspring.

Pesticides: an update of human exposure and toxicity.

Epidemiology of endometriosis and its comorbidities.

p-Cresyl Sulfate.

Aryl hydrocarbon receptor/cytochrome P450 1A1 pathway mediates breast cancer stem cells expansion through PTEN inhibition and β -Catenin and Akt activation.

Urinary metabolomics revealed arsenic exposure related to metabolic alterations in general Chinese pregnant women.

[Uremic toxins and gut micro biome].

[Molecular Mechanism Whereby Maternal Exposure to Dioxin Suppresses Sexual Maturation of the Offspring after Growing Up].

Probiotics for experimental obesity prevention: focus on strain dependence and viability of composition.

From Weed Killer to Wonder Drug.

Dioxin-metabolizing genes in relation to effects of prenatal dioxin levels and reduced birth size: The Hokkaido study.

Flavin nucleotides act as electron shuttles mediating reduction of the [2Fe-2S] clusters in mitochondrial outer membrane protein mitoNEET.

Determination of S-methyl-L-methionine (SMM) from Brassicaceae Family Vegetables and Characterization of the Intestinal Transport of SMM by Caco-2 Cells.

Persistent organic pollutants in early pregnancy and risk of gestational diabetes mellitus.

Genome Editing with Engineered Nucleases in Economically Important Animals and Plants: State of the Art in the Research Pipeline.

Targeted Modification of Mitochondrial ROS Production Converts High Glucose-Induced Cytotoxicity to Cytoprotection: Effects on Anesthetic Preconditioning.

Associations of arsenic metabolites, methylation capacity, and skin lesions caused by chronic exposure to high arsenic in tube well water.

A relationship in adrenal androgen levels between mothers and their children from a dioxin-exposed region in Vietnam.

Identification, Synthesis, and Safety Assessment of Thidiazuron [1-Phenyl-3-(1,2,3-thiadiazol-5-yl)urea] and Its Metabolites in Kiwifruits.

Biomarkers identification by a combined clinical and metabolomics analysis in Henoch-Schonlein purpura nephritis children.

The Fate of Glyphosate and AMPA in a Freshwater Endorheic Basin: An Ecotoxicological Risk Assessment.

Synergistic Effect in Core Microbiota Associated with Sulfur Metabolism in Spontaneous Chinese Liquor Fermentation.

Receptor-interacting protein 140 as a co-repressor of Heat Shock Factor 1 regulates neuronal stress response.

The genomic study of an environmental isolate of *Scedosporium apiospermum* shows its metabolic potential to degrade hydrocarbons.

Identification of differentially expressed genes response to TCDD in rat brain after long-term low-dose exposure.

Tissue breathing and topology of rats thymocytes surface under acute total $\hat{1}^3$ -irradiation.

Effects of water extracts of *Rehmannia glutinosa* on antioxidant system of Nrf2 in paraquat-induced insulin resistance diabetic rat model.

Microbial metabolism directly affects trace gases in (sub) polar snowpacks.

Caffeine - rich infusion from *Cola nitida* (kola nut) inhibits major carbohydrate catabolic enzymes; abates redox imbalance; and modulates oxidative dysregulated metabolic pathways and metabolites in Fe(2+)-induced hepatic toxicity.

Hexachlorobenzene as a persistent organic pollutant: Toxicity and molecular mechanism of action.

Endocrine disruptors affect larval zebrafish behavior: Testing potential mechanisms and comparisons of behavioral sensitivity to alternative biomarkers.

A fatal case of acute bentazone overdose despite cricothyroidotomy during cardiopulmonary resuscitation.

Morphological and morphometrical changes on adult Wistar rat testis caused by chronic sodium arsenite exposure.

Actein alleviates 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated cellular dysfunction in osteoblastic MC3T3-E1 cells.

2, 3, 7, 8-Tetrachlorodibenzo-p-dioxin promotes endothelial cell apoptosis through activation of EP3/p38MAPK/Bcl-2 pathway.

Molecular interactions of dioxins and DLCs with the xenosensors (PXR and CAR): An in silico risk assessment approach.

Comparative metabolomics in vanilla pod and vanilla bean revealing the biosynthesis of vanillin during the curing process of vanilla.

Hydrogeological characteristics influencing the occurrence of pesticides and pesticide metabolites in groundwater across the Republic of Ireland.

Interaction of mammary bovine ABCG2 with AFB1 and its metabolites and regulation by PCB 126 in a MDCKII in vitro model.

Evaluation of 2,4-dichlorophenol exposure of Japanese medaka, *Oryzias latipes*, using a metabolomics approach.

Toxic effects of polybrominated diphenyl ethers (BDE 47 and 99) and localization of BDE-99-induced cyp1a mRNA in zebrafish larvae.

In Silico Analysis of Putrefaction Pathways in Bacteria and Its Implication in Colorectal Cancer.

Pinocembrin, a novel histidine decarboxylase inhibitor with anti-allergic potential in in vitro.

Editor's Highlight: Ah Receptor Activation Potentiates Neutrophil Chemoattractant (C-X-C Motif) Ligand 5 Expression in Keratinocytes and Skin.

The Burden of Mental Illness Among Veterans: Use of VHA Health Care Services by Those With Service-connected Conditions.

Neuroprotective effects of hydrogen sulfide on sodium azide-induced autophagic cell death in PC12 cells.

Concentrations of urinary arsenic species in relation to rice and seafood consumption among children living in Spain.

Synergistic antimutagenic effect of isothiocyanates against varied mutagens.

Demonstrating Principles of Metabolism through Herbicide Treatment of Microalgae.

Assessment of prescribed medications and pattern of distribution for potential drug-drug interactions among chronic kidney disease patients attending the Nephrology Clinic of Lagos University Teaching Hospital in Sub-Saharan West Africa.

Residue Dynamics and Risk Assessment of Prochloraz and Its Metabolite 2,4,6-Trichlorophenol in Apple.

Polychlorinated biphenyls and depression: cross-sectional and longitudinal investigation of a dopamine-related Neurochemical path in the German HELPCB surveillance program.

Transcriptomic and Functional Analyses on the Effects of Dioxin on Insulin Secretion of Pancreatic Islets and β -Cells.

Rice 7-Hydroxymethyl Chlorophyll a Reductase Is Involved in the Promotion of Chlorophyll Degradation and Modulates Cell Death Signaling.

Novel Pathways of Ponatinib Disposition Catalyzed By CYP1A1 Involving Generation of Potentially Toxic Metabolites.

Toxicological interactions of pesticide mixtures: an update.

24-Epibrassinolide alleviates organic pollutants-retarded root elongation by promoting redox homeostasis and secondary metabolism in *Cucumis sativus* L.

The roles of metabolic thermogenesis in body fat regulation in striped hamsters fed high-fat diet at different temperatures.

Phospholipase D γ negatively regulates plant thermotolerance by destabilizing cortical microtubules in *Arabidopsis*.

Microbial metabolites are associated with a high adherence to a Mediterranean dietary pattern using a (1)H-NMR-based untargeted metabolomics approach.

Design of anti-thyroid drugs: Binding studies and structure determination of the complex of lactoperoxidase with 2-mercaptoimidazole at 2.30 Å... resolution.

Protein-bound uremic toxins impaired mitochondrial dynamics and functions.

Acetolactate Synthase-Inhibiting Gametocide Amidosulfuron Causes Chloroplast Destruction, Tissue Autophagy, and Elevation of Ethylene Release in Rapeseed.

Energy status regulates disease development and respiratory metabolism of *Lasiodiplodia theobromae* (Pat.) Griff. & Maubl.-infected longan fruit.

Enhanced 2,4-D Metabolism in Two Resistant *Papaver rhoeas* Populations from Spain.

Alterations in the programming of energy metabolism in adolescents with background exposure to dioxins, dl-PCBs and PBDEs.

Benzene exposure is associated with cardiovascular disease risk.

Peer review of the pesticide risk assessment of the potential endocrine disrupting properties of glyphosate.

Protective efficacy of various carbonyl compounds and their metabolites, and nutrients against acute toxicity of some cyanogens in rats: biochemical and physiological studies.

(1)H NMR and MVA metabolomic profiles of urines from piglets fed with boluses contaminated with a mixture of five mycotoxins.

Incidence and pathological study of *Explanatum explanatum* (Creplin, 1847) Fukui, 1929 in goats in Andhra Pradesh, India.

Acetobacter pasteurianus metabolic change induced by initial acetic acid to adapt to acetic acid fermentation conditions.

Epigenetic Regulation by Agonist-Specific Aryl Hydrocarbon Receptor Recruitment of Metastasis-Associated Protein 2 Selectively Induces Stanniocalcin 2 Expression.

Gut Microbial Transformation of the Dietary Imidazoquinoxaline Mutagen MelQx Reduces Its Cytotoxic and Mutagenic Potency.

The endocrine disrupting alkylphenols and 4,4'-DDT interfere with estrogen conversion and clearance by mouse liver cytosol.

Tissue-specific distributions of inorganic arsenic and its methylated metabolites, especially in cerebral cortex, cerebellum and hippocampus of mice after a single oral administration of arsenite.

Polychlorinated biphenyls disrupt hepatic epidermal growth factor receptor signaling.

Unraveling the correlation between microbiota succession and metabolite changes in traditional Shanxi aged vinegar.

Ifosfamide-Induced Malignancy of Ureter and Bladder.

Effect of spermine-derived AGEs on oxidative stress and polyamine metabolism.

Metabolism of Foodborne Heterocyclic Aromatic Amines by *Lactobacillus reuteri* DSM 20016.

Deficiency of long isoforms of Nfe2l1 sensitizes MIN6 pancreatic β cells to arsenite-induced cytotoxicity.

Metabolite profiling and volatiles of pineapple wine and vinegar obtained from pineapple waste.

Determination and dissipation of mesotrione and its metabolites in rice using UPLC and triple-quadrupole tandem mass spectrometry.

Patchouli oil ameliorates acute colitis: A targeted metabolite analysis of 2,4,6-trinitrobenzenesulfonic acid-induced rats.

Toxicity of 56 substances to trees.

Targeted metabolomics analysis of aromatic amino acids and their gut microbiota-host cometabolites in rat serum and urine by liquid chromatography coupled with tandem mass spectrometry.

Identification of tissue-specific transcriptional markers of caloric restriction in the mouse and their use to evaluate caloric restriction mimetics.

Catalase increases ethanol oxidation through the purine catabolism in rat liver.

Effects of unintentional PCBs in pigments and chemical products on transcriptional activity via aryl hydrocarbon and nuclear hormone receptors.

Accumulation of Arsenic Speciation and In Vivo Toxicity Following Oral Administration of a Chinese Patent Medicine Xiao-Er-Zhi-Bao-Wan in Rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-elicited effects on bile acid homeostasis: Alterations in biosynthesis, enterohepatic circulation, and microbial metabolism.

Transcriptome and Metabolite Changes during Hydrogen Cyanamide-Induced Floral Bud Break in Sweet Cherry.

Deficiencies in mitochondrial dynamics sensitize *Caenorhabditis elegans* to arsenite and other mitochondrial toxicants by reducing mitochondrial adaptability.

Age and Chronicity of Administration Dramatically Influenced the Impact of Low Dose Paraquat Exposure on Behavior and Hypothalamic-Pituitary-Adrenal Activity.

The Association of Combined GSTM1 and CYP2C9 Genotype Status with the Occurrence of Hemorrhagic Cystitis in Pediatric Patients Receiving Myeloablative Conditioning Regimen Prior to Allogeneic Hematopoietic Stem Cell Transplantation.

Flavin-containing monooxygenases in aging and disease: Emerging roles for ancient enzymes.

Zinc and Copper Metabolism and Risk of Autism: a reply to Sayehmiri et al.

Further evidence for the association of CYP2D6*4 gene polymorphism with Parkinson's disease: a case control study.

Co-Administration of Vitamin E and Testosterone Attenuates The Atrazine-Induced Toxic Effects on Sperm Quality and Testes in Rats.

Mitochondrial activity and oxidative stress functions are influenced by the activation of AhR-induced CYP1A1 overexpression in cardiomyocytes.

Metabolic engineering of *Gluconobacter oxydans* 621H for increased biomass yield.

Phenolic metabolism and molecular mass distribution of polysaccharides in cellulose-deficient maize cells.

Toxicological characterisation of two novel selective aryl hydrocarbon receptor modulators in Sprague-Dawley rats.

Potential role of heme metabolism in the inducible expression of heme oxygenase-1.

Xenobiotic transporters and kidney injury.

A systematic review of the risks factors associated with the onset and natural progression of spina bifida.

Peer review of the pesticide risk assessment for the active substance terbuthylazine in light of confirmatory data submitted.

Pharmacological manipulations of autophagy modulate paraquat-induced cytotoxicity in PC12 cells.

Effect of aspartic acid and glutamate on metabolism and acid stress resistance of *Acetobacter pasteurianus*.

Peer review of the pesticide risk assessment for the active substance metazachlor in light of confirmatory data submitted.

Activated thyroid hormone receptor modulates dioxin-inducible aryl hydrocarbon receptor-mediated CYP1A1 induction in human hepatocytes but not in human hepatocarcinoma HepG2 cells.

Relation of dietary inorganic arsenic exposure and urinary inorganic arsenic metabolites excretion in Japanese subjects.

Squamous epithelium formation in the respiratory intestine of the bronze Corydoras *Corydoras aeneus* (Callichthyidae Teleostei).

The Toxic Effects of Tetrachlorobisphenol A in *Saccharomyces cerevisiae* Cells via Metabolic Interference.

Single-cell time-lapse imaging of intracellular O₂ in response to metabolic inhibition and mitochondrial cytochrome-c release.

Interactive effects of protein and carbohydrates on production of microbial metabolites in the large intestine of growing pigs.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-mediated deregulation of myeloid and sebaceous gland stem/progenitor cell homeostasis.

Exposure to endocrine disruptors during adulthood: consequences for female fertility.

Exposure to polycyclic aromatic hydrocarbons and volatile organic compounds among recently pregnant rural Guatemalan women cooking and heating with solid fuels.

Evaluation of various approaches to the isolation of steroid hormones from urine samples prior to FASS-MEKC analysis.

Multiple AMPK activators inhibit l-carnitine uptake in C2C12 skeletal muscle myotubes.

Expression of advanced glycation end-products and NF κ B in chick embryos exposed to dioxins and treated with acetylsalicylic acid and α -tocopherol.

Soil microorganisms can overcome respiration inhibition by coupling intra- and extracellular metabolism: (13)C metabolic tracing reveals the mechanisms.

Benzene and 2-ethyl-phthalate induce proliferation in normal rat pituitary cells.

Metabolic Investigations of the Molecular Mechanisms Associated with Parkinson's Disease.

Biofilm vs. Planktonic Lifestyle: Consequences for Pesticide 2,4-D Metabolism by *Cupriavidus necator* JMP134.

Oxidative metabolism of curcumin-glucuronide by peroxidases and isolated human leukocytes.

Levels of infants' urinary arsenic metabolites related to formula feeding and weaning with rice products exceeding the EU inorganic arsenic standard.

Cerebellar Molecular and Cellular Characterization in Rat Models of Alzheimer's Disease: Neuroprotective Mechanisms of Garcinia Biflavonoid Complex.

Sodium meta-arsenite induced reactive oxygen species in human red blood cells: impaired antioxidant and membrane redox systems, haemoglobin oxidation, and morphological changes.

Lycopene, resveratrol, vitamin C and FeSO₄ increase damage produced by pro-oxidant carcinogen 4-nitroquinoline-1-oxide in *Drosophila melanogaster*: Xenobiotic metabolism implications.

Butyrate alters expression of cytochrome P450 1A1 and metabolism of benzo[a]pyrene via its histone deacetylase activity in colon epithelial cell models.

Ingestion of Bt rice pollen does not reduce the survival or hypopharyngeal gland development of *Apis mellifera* adults.

Metabolomics analysis of urine from rats administered with long-term, low-dose acrylamide by ultra-performance liquid chromatography-mass spectrometry.

Diet-induced obesity alters dorsal CGRP release and potentiates TRPA1-mediated trigeminovascular responses.

Uncovering Potential Applications of Cyanobacteria and Algal Metabolites in Biology, Agriculture and Medicine: Current Status and Future Prospects.

Toward the Design of Less Hazardous Chemicals: Exploring Comparative Oxidative Stress in Two Common Animal Models.

Saving the injured: Rescue behavior in the termite-hunting ant *Megaponera analis*.

A rare case of epilepsy and acute pancreatitis induced by severe paraquat poisoning.

Cell and region specificity of Aryl hydrocarbon Receptor (AhR) system in the testis and the epididymis.

Human and rodent aryl hydrocarbon receptor (AHR): from mediator of dioxin toxicity to physiologic AHR functions and therapeutic options.

Metabolomic responses to sublethal contaminant exposure in neonate and adult *Daphnia magna*.

Metabonomic analysis of quercetin against the toxicity of acrylamide in rat urine.

Early-life chemical exposures and risk of metabolic syndrome.

Nicotine, Carcinogen, and Toxin Exposure in Long-Term E-Cigarette and Nicotine Replacement Therapy Users: A Cross-sectional Study.

Carnosine Attenuates the Development of both Type 2 Diabetes and Diabetic Nephropathy in BTBR ob/ob Mice.

The association of peripubertal serum concentrations of organochlorine chemicals and blood lead with growth and pubertal development in a longitudinal cohort of boys: a review of published results from the Russian Children's Study.

Characterization of E-NTPDase (EC 3.6.1.5) activity in hepatic lymphocytes: A different activity profile from peripheral lymphocytes.

The toxic effects of chlorophenols and associated mechanisms in fish.

Mechanism of synergistic DNA damage induced by the hydroquinone metabolite of brominated phenolic environmental pollutants and Cu(II): Formation of DNA-Cu complex and site-specific production of hydroxyl radicals.

Arsenic-induced genotoxic responses and their amelioration by diphenylene iodonium, 24-epibrassinolide and proline in *Glycine max* L.

Development of Rapid and Economical Colorimetric Screening Method for p-Phenylenediamine in Variety of Biological Matrices and its Application to Eleven Fatal Cases of p-Phenylenediamine Poisoning.

Differential effect of early antibiotic intervention on bacterial fermentation patterns and mucosal gene expression in the colon of pigs under diets with different protein levels.

Molecular responses of genetically modified maize to abiotic stresses as determined through proteomic and metabolomic analyses.

Cyanogen Metabolism in Cassava Roots: Impact on Protein Synthesis and Root Development.

Pharmacodynamics of S-dimethylarsino-glutathione, a putative metabolic intermediate of inorganic arsenic, in mice.

De novo transcriptome assembly analysis of weed *Apera spica-venti* from seven tissues and growth stages.

Lethal and sub-lethal effects of triclosan toxicity to the earthworm *Eisenia fetida* assessed through GC-MS metabolomics.

Quantitative Global Proteomics of Yeast PBP1 Deletion Mutants and Their Stress Responses Identifies Glucose Metabolism, Mitochondrial, and Stress Granule Changes.

Beyond the Aryl Hydrocarbon Receptor: Pathway Interactions in the Hepatotoxicity of 2,3,7,8-Tetrachlorodibenzo-p-dioxin and Related Compounds.

Is chronic AhR activation by rapidly metabolized ligands safe for the treatment of immune-mediated diseases?

Elevated Urinary Glyphosate and Clostridia Metabolites With Altered Dopamine Metabolism in Triplets With Autistic Spectrum Disorder or Suspected Seizure Disorder: A Case Study.

Expression profiles and hormonal regulation of tobacco NtEXGT gene and its involvement in abiotic stress response.

A novel continuous two-phase partitioning bioreactor operated with polymeric tubing: Performance validation for enhanced biological removal of toxic substrates.

Arsenic levels among pregnant women and newborns in Canada: Results from the Maternal-Infant Research on Environmental Chemicals (MIREC) cohort.

Use of read-across to simplify the toxicological assessment of a complex mixture of lysimeter leachate metabolites on the basis of chemical similarity and ADME behavior.

Structural-functional adaptations of porcine CYP1A1 to metabolize polychlorinated dibenzo-p-dioxins.

Exposure to Nicotine and Selected Toxicants in Cigarette Smokers Who Switched to Electronic Cigarettes: A Longitudinal Within-Subjects Observational Study.

Review of Advances in Uroprotective Agents for Cyclophosphamide- and Ifosfamide-induced Hemorrhagic Cystitis.

Non-dioxin-like organic toxicant PCB153 modulates sphingolipid metabolism in liver progenitor cells: its role in Cx43-formed gap junction impairment.

The Anti-Inflammatory and Vasodilating Effects of Three Selected Dietary Organic Sulfur Compounds from *Allium* Species.

Beta-Glucans Supplementation Associates with Reduction in P-Cresyl Sulfate Levels and Improved Endothelial Vascular Reactivity in Healthy Individuals.

Metabolite exchange between microbiome members produces compounds that influence *Drosophila* behavior.

The antiSMASH database, a comprehensive database of microbial secondary metabolite biosynthetic gene clusters.

Urinary Arsenic Speciation in Children and Pregnant Women from Spain.

Crosstalk between Aryl Hydrocarbon Receptor and Glucocorticoid Receptor in Human Retinal Pigment Epithelial Cells.

Benefits of Alcohol on Arsenic Toxicity in Rats.

Feeble Antipyretic, Analgesic, and Anti-inflammatory Activities were Found with Regular Dose 4'-O- β -D-Glucosyl-5-O-Methylvisamminol, One of the Conventional Marker Compounds for Quality Evaluation of Radix Saposhnikoviae.

Possible health impacts of Bt toxins and residues from spraying with complementary herbicides in genetically engineered soybeans and risk assessment as performed by the European Food Safety Authority EFSA.

Secondary Hemochromatosis due to Chronic Oral Iron Supplementation.

Tetrachloro-1,4-benzoquinone induces apoptosis of mouse embryonic stem cells.

Urinary 3-hydroxypropyl mercapturic acid (3-HPMA) concentrations in dogs with acute spinal cord injury due to intervertebral disc herniation.

Occupational exposure to pesticides, reproductive hormone levels and sperm quality in young Brazilian men.

β -Lipoic acid potentially targets AMP-activated protein kinase and energy production in the fetal brain to ameliorate dioxin-produced attenuation in fetal steroidogenesis.

Secondary metabolites of endophytic Xylaria species with potential applications in medicine and agriculture.

Effect of phytotoxic secondary metabolites and semisynthetic compounds from endophytic fungus Xylaria feejeensis strain SM3e-1b on spinach chloroplast photosynthesis.

Exploring the Impacts of Postharvest Processing on the Microbiota and Metabolite Profiles during Green Coffee Bean Production.

Interactive Influence of N6AMT1 and As3MT Genetic Variations on Arsenic Metabolism in the Population of Inner Mongolia, China.

From dioxin toxicity to putative physiologic functions of the human Ah receptor in homeostasis of stem/progenitor cells.

Effect of three safeners on sulfur assimilation and iron deficiency response in barley (*Hordeum vulgare*) plants.

Novel roles for AhR and ARNT in the regulation of alcohol dehydrogenases in human hepatic cells.

Influence of waterborne gallic and pelargonic acid exposures on biochemical and reproductive parameters in the zebrafish (*Danio rerio*).

Histone deacetylase inhibitors mediate DNA damage repair in ameliorating hemorrhagic cystitis.

The sublethal effects of (2,4-Dichlorophenoxy) acetic acid (2,4-D) on narrow-clawed crayfish (*Astacus leptodactylus* Eschscholtz, 1823).

Changing agricultural practices: potential consequences to aquatic organisms.

Effect of single and combination of three triazine metabolites at environmental concentrations on early life stages of common carp (*Cyprinus carpio* L.).

Individual and joint toxicity of the herbicide S-metolachlor and a metabolite, deethylatrazine on aquatic crustaceans: Difference between ecological groups.

Influence of imazethapyr and quizalofop-p-ethyl application on microbial biomass and enzymatic activity in peanut grown soil.

PPAR α -dependent cholesterol/testosterone disruption in Leydig cells mediates 2,4-dichlorophenoxyacetic acid-induced testicular toxicity in mice.

Effects of anti-androgens cyproterone acetate, linuron, vinclozolin, and p,p'-DDE on the reproductive organs of the copepod *Acartia tonsa*.

Antioxidant and neuroprotective effects of *Dictyophora indusiata* polysaccharide in *Caenorhabditis elegans*.

Examination of in vivo mutagenicity of sodium arsenite and dimethylarsinic acid in gpt delta rats.

Physiological Stress Responses in Amphibian Larvae to Multiple Stressors Reveal Marked Anthropogenic Effects even below Lethal Levels.

Effects of alkylphenols on the biotransformation of diuron and enzymes involved in the synthesis and clearance of sex steroids in juvenile male tilapia (*Oreochromis mossambica*).

Antioxidative response in variegated *Pelargonium zonale* leaves and generation of extracellular H₂O₂ in (peri)vascular tissue induced by sunlight and paraquat.

Identification of Homogentisate Dioxygenase as a Target for Vitamin E Biofortification in Oilseeds.

Metabolomics as read-across tool: A case study with phenoxy herbicides.

Interactive effects of herbicide and enhanced UV-B on growth, oxidative damage and the ascorbate-glutathione cycle in two *Azolla* species.

Mechanism of glyphosate control of *Phelipanche aegyptiaca*.

Glyphosate and aminomethylphosphonic acid chronic risk assessment for soil biota.

The receptor for activated C kinase 1 (RACK1) functions in hematopoiesis through JNK activation in Chinese mitten crab *Eriocheir sinensis*.

Glyphosate: environmental contamination, toxicity and potential risks to human health via food contamination.

Cleaning-up atrazine-polluted soil by using Microbial Electroremediating Cells.

Carcinogenic compounds in alcoholic beverages: an update.

Effects of terbutylazine-desethyl, a terbutylazine degradation product, on red swamp crayfish (*Procambarus clarkii*).

Effects of 2,4-dichlorophenoxyacetic acid on the ventral prostate of rats during the peri-pubertal, pubertal and adult stage.

Acute Acrolein Exposure Induces Impairment of Vocal Fold Epithelial Barrier Function.

Triazine herbicides inhibit relaxin signaling and disrupt nitric oxide homeostasis.

[Phytotoxic metabolite from QTYC01, a fungus residing in the gut of *Pantala flavescens* larvae].

Embryonic Atrazine Exposure Elicits Alterations in Genes Associated with Neuroendocrine Function in Adult Male Zebrafish.

An assessment of dietary exposure to glyphosate using refined deterministic and probabilistic methods.

Evaluating long-term cellular effects of the arsenic species thio-DMA(V): qPCR-based gene expression as screening tool.

Gene expression profiles in testis of developing male *Xenopus laevis* damaged by chronic exposure of atrazine.

Investigations on the possible impact of a glyphosate-containing herbicide on ruminal metabolism and bacteria *in vitro* by means of the 'Rumen Simulation Technique'.

Effects of atrazine on growth and sex differentiation, in juveniles of the freshwater crayfish *Cherax quadricarinatus*.

Evaluation of potential mechanisms of atrazine-induced reproductive impairment in fathead minnow (*Pimephales promelas*) and Japanese medaka (*Oryzias latipes*).

Characterization and genome functional analysis of a novel metamidron-degrading strain *Rhodococcus* sp. MET via both triazinone and phenyl rings cleavage.

Role of adipokinetic hormone and adenosine in the anti-stress response in *Drosophila melanogaster*.

Does nitrate co-pollution affect biological responses of an aquatic plant to two common herbicides?

Response of selenium-dependent glutathione peroxidase in the freshwater bivalve *Anodonta woodiana* exposed to 2,4-dichlorophenol, 2,4,6-trichlorophenol and pentachlorophenol.

Accumulation and detoxication responses of the gastropod *Lymnaea stagnalis* to single and combined exposures to natural (cyanobacteria) and anthropogenic (the herbicide RoundUp® Flash) stressors.

Assessment of oxidative stress responses and the cytotoxic and genotoxic potential of the herbicide tembotrione in HepG2 cells.

Effects of glyphosate and the glyphosate based herbicides Roundup Original[®] and Roundup Transorb[®] on respiratory morphophysiology of bullfrog tadpoles.

Lycopene ameliorates atrazine-induced oxidative damage in adrenal cortex of male rats by activation of the Nrf2/HO-1 pathway.

Identification of transcriptome involved in atrazine detoxification and degradation in alfalfa (*Medicago sativa*) exposed to realistic environmental contamination.

Synergistic stress exacerbation in hippocampal neurons: Evidence favoring the dual-hit hypothesis of neurodegeneration.

Determination of glyphosate and its metabolite in emergency room in Korea.

Atrazine alters expression of reproductive and stress genes in the developing hypothalamus of the snapping turtle, *Chelydra serpentina*.

[The change of cancer-related genes expression profile in Nthy-ori-3-1 cell induced by the pesticide amitrole].

Multiple effects of a commercial Roundup[®] formulation on the soil filamentous fungus *Aspergillus nidulans* at low doses: evidence of an unexpected impact on energetic metabolism.

Differential protein expression in the estuarine copepod *Eurytemora affinis* after diuron and alkylphenol exposures.

Production of a toxic metabolite in 2,4-D-resistant GM crop plants.

Effect of glyphosate on reproductive organs in male rat.

Effects of pentachlorophenol on the detoxification system in white-rumped munia (*Lonchura striata*).

HIGH PREVALENCE OF AGENT ORANGE EXPOSURE AMONG THYROID CANCER PATIENTS IN THE NATIONAL VA HEALTHCARE SYSTEM.

Modulation of NADH Levels by Arabidopsis Nudix Hydrolases, AtNUDX6 and 7, and the Respective Proteins Themselves Play Distinct Roles in the Regulation of Various Cellular Responses Involved in Biotic/Abiotic Stresses.

Comparative embryotoxicity and genotoxicity of the herbicide diuron and its metabolites in early life stages of *Crassostrea gigas*: Implication of reactive oxygen species production.

Atrazine blocks ovulation via suppression of Lhr and Cyp19a1 mRNA and estradiol secretion in immature gonadotropin-treated rats.

Imazapyr+imazapic herbicide determines acute toxicity in silver catfish *Rhamdia quelen*.

Thyroid endocrine disruption of acetochlor on zebrafish (*Danio rerio*) larvae.

The developmental effects of pentachlorophenol on zebrafish embryos during segmentation: A systematic view.

Changes in rhizosphere bacterial gene expression following glyphosate treatment.

The metabolite 3,4,3',4'-tetrachloroazobenzene (TCAB) exerts a higher ecotoxicity than the parent compounds 3,4-dichloroaniline (3,4-DCA) and propanil.

Effects of glyphosate on hepatic tissue evaluating melanomacrophages and erythrocytes responses in neotropical anuran *Leptodactylus latinasus*.

Multifactorial theory applied to the neurotoxicity of paraquat and paraquat-induced mechanisms of developing Parkinson's disease.

Evaluation of the toxic effect of the herbicide 2, 4-D on rat hepatocytes: an FT-IR spectroscopic study.

Acute paraquat exposure determines dose-dependent oxidative injury of multiple organs and metabolic dysfunction in rats: impact on exercise tolerance.

Advances in the mechanism of paraquat-induced pulmonary injury.

The effect of two glyphosate formulations on a small, diurnal lizard (*Oligosoma polychroma*).

Atrazine and its main metabolites alter the locomotor activity of larval zebrafish (*Danio rerio*).

Influence of dioxin exposure upon levels of prostate-specific antigen and steroid hormones in Vietnamese men.

Atrazine exposure causes mitochondrial toxicity in liver and muscle cell lines.

Estrogenic activities of diuron metabolites in female Nile tilapia (*Oreochromis niloticus*).

Establishing a herbicide-metabolizing enzyme library in *Beckmannia syzigachne* to identify genes associated with metabolic resistance.

Melatonin inhibits paraquat-induced cell death in bovine preimplantation embryos.

Co-Formulants in Glyphosate-Based Herbicides Disrupt Aromatase Activity in Human Cells below Toxic Levels.

Cdk12 Is A Gene-Selective RNA Polymerase II Kinase That Regulates a Subset of the Transcriptome, Including Nrf2 Target Genes.

An embryonic atrazine exposure results in reproductive dysfunction in adult zebrafish and morphological alterations in their offspring.

Concerns over use of glyphosate-based herbicides and risks associated with exposures: a consensus statement.

Changes in the metabolome of rats after exposure to arginine and N-carbamylglutamate in combination with diquat, a compound that causes oxidative stress, assessed by ¹H NMR spectroscopy.

Constitutive active/androstane receptor, peroxisome proliferator-activated receptor $\hat{\pm}$, and cytotoxicity are involved in oxadiazon-induced liver tumor development in mice.

Reduced salinity increases susceptibility of zooxanthellate jellyfish to herbicide toxicity during a simulated rainfall event.

Exogenous jasmonic acid induces stress tolerance in tobacco (*Nicotiana tabacum*) exposed to imazapic.

Perturbations in polar lipids, starvation survival and reproduction following exposure to unsaturated fatty acids or environmental toxicants in *Daphnia magna*.

Toxicological effects of pet food ingredients on canine bone marrow-derived mesenchymal stem cells and enterocyte-like cells.

Transcriptional profiles of glutathione-S-Transferase isoforms, Cyp, and AOE genes in atrazine-exposed zebrafish embryos.

Degradation and Isotope Source Tracking of Glyphosate and Aminomethylphosphonic Acid.

Toxicity of AMPA to the earthworm *Eisenia andrei* Bouché, 1972 in tropical artificial soil.

Multiple biomarker responses in *Prochilodus lineatus* subjected to short-term in situ exposure to streams from agricultural areas in Southern Brazil.

[Experimental evaluation of the impact of low doses of the herbicide 2,4-D in drinking water on some indices of lipid and immune status].

A novel metabolic activation associated with glutathione in dimethylmonothioarsinic acid (DMMTA(V))-induced toxicity obtained from in vitro reaction of DMMTA(V) with glutathione.

Successful Extracorporeal Life Support in a Case of Severe Glyphosate-Surfactant Intoxication.

Effects of Neonicotinoids on Promoter-Specific Expression and Activity of Aromatase (CYP19) in Human Adrenocortical Carcinoma (H295R) and Primary Umbilical Vein Endothelial (HUVEC) Cells.

Metabolic changes in rat urine after acute paraquat poisoning and discriminated by support vector machine.

Effects of the terbuthylazine metabolite terbuthylazine-desethyl on common carp embryos and larvae.

Skin diseases associated with Agent Orange and other organochlorine exposures.

Association between arsenic exposure and thyroid function: data from NHANES 2007-2010.

Metabolomic Analysis Provides Insights on Paraquat-Induced Parkinson-Like Symptoms in *Drosophila melanogaster*.

Comparative toxicity of Paraquat herbicide and some plant extracts in *Lymnaea natalensis* snails.

Acrolein preferentially damages nucleolus eliciting ribosomal stress and apoptosis in human cancer cells.

Uremic toxins: some thoughts on acrolein and spermine.

Role of phytochemicals in the management of metabolic syndrome.

Reversal of diabetes-induced behavioral and neurochemical deficits by cinnamaldehyde.

Association between Exposure to Endocrine Disruptors in Drinking Water and Preterm Birth, Taking Neighborhood Deprivation into Account: A Historic Cohort Study.

Discovery of a novel anti-cancer agent targeting both topoisomerase I and II in hepatocellular carcinoma Hep 3B cells in vitro and in vivo: Cinnamomum verum component 2-methoxycinnamaldehyde.

Development of a combined method to assess the complex effect of atrazine on sex steroid synthesis in H295R cells.

Roles of catalase and glutathione peroxidase in the tolerance of a pulmonate gastropod to anoxia and reoxygenation.

Arsenic Metabolism in Children Differs From That in Adults.

Acrolein metabolites, diabetes and insulin resistance.

Cinnamaldehyde and allopurinol reduce fructose-induced cardiac inflammation and fibrosis by attenuating CD36-mediated TLR4/6-IRAK4/1 signaling to suppress NLRP3 inflammasome activation.

A carnosine intervention study in overweight human volunteers: bioavailability and reactive carbonyl species sequestering effect.

Cinnamaldehydes in Cancer Chemotherapy.

Inhibition of para-Hydroxyphenylpyruvate Dioxygenase by Analogues of the Herbicide Nitisinone As a Strategy to Decrease Homogentisic Acid Levels, the Causative Agent of Alkaptonuria.

Impact of 3-Amino-1,2,4-Triazole (3-AT)-Derived Increase in Hydrogen Peroxide Levels on Inflammation and Metabolism in Human Differentiated Adipocytes.

Parkinson-Related LRRK2 Mutation R1628P Enables Cdk5 Phosphorylation of LRRK2 and Upregulates Its Kinase Activity.

Cinnamaldehyde supplementation prevents fasting-induced hyperphagia, lipid accumulation, and inflammation in high-fat diet-fed mice.

Structural and biochemical abnormalities in the absence of acute deficits in mild primary blast-induced head trauma.

Diet-induced and mono-genetic obesity alter volatile organic compound signature in mice.

Exceptions in patterns of arsenic compounds in urine of acute promyelocytic leukaemia patients treated with As₂O₃.

Discovery of a novel anticancer agent with both anti-topoisomerase I and II activities in hepatocellular carcinoma SK-Hep-1 cells in vitro and in vivo: Cinnamomum verum component 2-methoxycinnamaldehyde.

Novel Role of Endogenous Catalase in Macrophage Polarization in Adipose Tissue.

Recent Progress in Analytical Methods for Determination of Urinary 3-Hydroxypropylmercapturic Acid, a Major Metabolite of Acrolein.

Low dose cyclophosphamide: Mechanisms of T cell modulation.

Mutant characterization and in vivo conditional repression identify aromatic amino acid biosynthesis to be essential for *Aspergillus fumigatus* virulence.

An integrated multi-omics analysis of the NK603 Roundup-tolerant GM maize reveals metabolism disturbances caused by the transformation process.

Influence of Temperature on the Thyroidogenic Effects of Diuron and Its Metabolite 3,4-DCA in Tadpoles of the American Bullfrog (*Lithobates catesbeianus*).

Rapid selective accelerated solvent extraction and simultaneous determination of herbicide atrazine and its metabolites in fruit by ultra high performance liquid chromatography.

Climate change increases the risk of herbicide-resistant weeds due to enhanced detoxification.

Polymorphic variants of MRP4/ABCC4 differentially modulate the transport of methylated arsenic metabolites and physiological organic anions.

Thiolated arsenicals in arsenic metabolism: Occurrence, formation, and biological implications.

Sex differences in the reduction of arsenic methylation capacity as a function of urinary total and inorganic arsenic in Mexican children.

Herbicide-related signaling in plants reveals novel insights for herbicide use strategies, environmental risk assessment and global change assessment challenges.

Detection of three herbicide, and one metabolite, residues in brown rice and rice straw using various versions of the QuEChERS method and liquid chromatography-tandem mass spectrometry.

Metabolism and Residues of 2,4-Dichlorophenoxyacetic Acid in DAS-40278-9 Maize (*Zea mays*) Transformed with Aryloxyalkanoate Dioxygenase-1 Gene.

Effects of Food Components That Activate TRPA1 Receptors on Mucosal Ion Transport in the Mouse Intestine.

Combined herbicide and saline stress differentially modulates hormonal regulation and antioxidant defense system in *Oryza sativa* cultivars.

Environmental Metabolic Footprinting: A novel application to study the impact of a natural and a synthetic \hat{I}^2 -triketone herbicide in soil.

Stable Isotope Resolved Metabolomics Reveals the Role of Anabolic and Catabolic Processes in Glyphosate-Induced Amino Acid Accumulation in *Amaranthus palmeri* Biotypes.

A full evaluation for the enantiomeric impacts of lactofen and its metabolites on aquatic macrophyte *Lemna minor*.

Metabolism and Bioactivation of Fluorochloridone, a Novel Selective Herbicide, in Vivo and in Vitro.

Validation of a liquid chromatography ultraviolet method for determination of herbicide diuron and its metabolites in soil samples.

Genetics of metabolic resistance.

Novel NAD⁺-Farnesal Dehydrogenase from *Polygonum minus* Leaves. Purification and Characterization of Enzyme in Juvenile Hormone III Biosynthetic Pathway in Plant.

Metabolic engineering of microbial competitive advantage for industrial fermentation processes.

Metabolism of Pyriithobac Sodium in Soils and Sediment, Addressing Bound Residues via Kinetics Modeling.

Molecular Responses to Small Regulating Molecules against Huanglongbing Disease.

2,4-D and IAA Amino Acid Conjugates Show Distinct Metabolism in Arabidopsis.

Arsenic Metabolites, Including N-Acetyl-4-hydroxy-m-arsanilic Acid, in Chicken Litter from a Roxarsone-Feeding Study Involving 1600 Chickens.

2-Phenethyl Isothiocyanate, Glutathione S-transferase M1 and T1 Polymorphisms, and Detoxification of Volatile Organic Carcinogens and Toxicants in Tobacco Smoke.

The Impact of Glyphosate, Its Metabolites and Impurities on Viability, ATP Level and Morphological changes in Human Peripheral Blood Mononuclear Cells.

Phytotoxic Potential of Secondary Metabolites and Semisynthetic Compounds from Endophytic Fungus *Xylaria feejeensis* Strain SM3e-1b Isolated from *Sapium macrocarpum*.

Differential effects of glyphosate and aminomethylphosphonic acid (AMPA) on photosynthesis and chlorophyll metabolism in willow plants.

Overexpression of human SOD1 in VDAC1-less yeast restores mitochondrial functionality modulating beta-barrel outer membrane protein genes.

Knockdown of *Drosophila* hemoglobin suggests a role in O₂ homeostasis.

Novel Approach for High-Throughput Metabolic Screening of Whole Plants by Stable Isotopes.

Both foliar and residual applications of herbicides that inhibit amino acid biosynthesis induce alternative respiration and aerobic fermentation in pea roots.

Phaseolus vulgaris L. Seedlings Exposed to Prometryn Herbicide Contaminated Soil Trigger an Oxidative Stress Response.

PBPK Model for Atrazine and Its Chlorotriazine Metabolites in Rat and Human.

Arsenic Metabolites and Methylation Capacity Among Individuals Living in a Rural Area with Endemic Arseniasis in Inner Mongolia, China.

Cinnamaldehyde Characterization as an Antibacterial Agent toward *E. coli* Metabolic Profile Using 96-Blade Solid-Phase Microextraction Coupled to Liquid Chromatography-Mass Spectrometry.

Atrazine and its metabolites degradation in mineral salts medium and soil using an enrichment culture.

Synthesis of docosahexaenoic acid from eicosapentaenoic acid in retina neurons protects photoreceptors from oxidative stress.

Effects of TRP channel agonist ingestion on metabolism and autonomic nervous system in a randomized clinical trial of healthy subjects.

Arsenic speciation and susceptibility to oxidative stress in the fanworm *Sabella spallanzanii* (Gmelin) (Annelida, Sabellidae) under naturally acidified conditions: An in situ transplant experiment in a Mediterranean CO₂ vent system.

Cytoprotective Effect of Makgeolli Lees on Paraquat Induced Oxidative Stress in A549 Cells via Activation of NRF2 and Antioxidant Genes.

Widespread occurrence of both metabolic and target-site herbicide resistance mechanisms in *Lolium rigidum* populations.

Metabolic engineering of *Escherichia coli* for the production of cinnamaldehyde.

Risk assessment of triazine herbicides in surface waters and bioaccumulation of Irgarol and M1 by submerged aquatic vegetation in Southeast Florida.

Light-induced biochemical variations in secondary metabolite production and antioxidant activity in callus cultures of *Stevia rebaudiana* (Bert).

Anti-oxidative and anti-inflammatory effects of cinnamaldehyde on protecting high glucose-induced damage in cultured dorsal root ganglion neurons of rats.

Hormonal and epigenetic regulation during embryogenic tissue habituation in *Cucurbita pepo* L.

A characteristic biosignature for discrimination of gastric cancer from healthy population by high throughput GC-MS analysis.

Disseminated tungiasis in a 78-year-old woman from Tanzania: a case report.

Semilobar holoprosencephaly in a 12-month-old baby boy born to a primigravida patient with type 1 diabetes mellitus: a case report.

The Role of Mitochondrial Aldehyde Dehydrogenase 2 (ALDH2) in Neuropathology and Neurodegeneration.

Metabolism and toxicity of arsenicals in mammals.

Protein-bound toxins: has the Cinderella of uraemic toxins turned into a princess?

Aryl Hydrocarbon Receptor Ligands in Cigarette Smoke Induce Production of Interleukin-22 to Promote Pancreatic Fibrosis in Models of Chronic Pancreatitis.

Dose-Dependent Metabolic Reprogramming and Differential Gene Expression in TCDD-Elicited Hepatic Fibrosis.

Association of GSTT1 and GSTM1 gene polymorphisms with coronary artery disease in North Indian Punjabi population: a case-control study.

Enhanced Production of Anthraquinones and Phenolic Compounds and Biological Activities in the Cell Suspension Cultures of *Polygonum multiflorum*.

Oral Toxicity of 2,4-Dinitroanisole in Rats.

Exposure to polychlorinated biphenyl-153 decreases incidence of autoimmune Type 1 diabetes in non-obese diabetic mice.

An Aryl Hydrocarbon Receptor-Mediated Amplification Loop That Enforces Cell Migration in ER-/PR-/Her2- Human Breast Cancer Cells.

Pesticide exposure and thyroid function in an agricultural population in Brazil.

A comparison of biomarker responses in juvenile diploid and triploid African catfish, *Clarias gariepinus*, exposed to the pesticide butachlor.

Electrophoretic stacking for sensitive determination of antibiotic ceftazidime in human blood and microdialysates from diabetic foot.

Combination screening in vitro identifies synergistically acting KP372-1 and cytarabine against acute myeloid leukemia.

Metabolomics approach reveals metabolic disorders and potential biomarkers associated with the developmental toxicity of tetrabromobisphenol A and tetrachlorobisphenol A.

Pseudomelanosis duodeni: is there a common denominator?

Mammary Gland Evaluation in Juvenile Toxicity Studies: Temporal Developmental Patterns in the Male and Female Harlan Sprague-Dawley Rat.

The effects of fat loss after bariatric surgery on inflammation, serum hepcidin, and iron absorption: a prospective 6-mo iron stable isotope study.

Hypoxic Preconditioning Improves the Therapeutic Potential of Aging Bone Marrow Mesenchymal Stem Cells in Streptozotocin-Induced Type-1 Diabetic Mice.

Participation of protein kinases in cytotoxic and proapoptotic effects of ethylene glycol ethers and their metabolites in SH-SY5Y cells.

Para-Dichlorobenzene Exposure Is Associated with Thyroid Dysfunction in US Adolescents.

Arsenic and subclinical vascular damage in a sample of Italian young adults: a cross-sectional analysis.

Polyuria-associated hydronephrosis induced by xenobiotic chemical exposure in mice.

From the Cover: Tetrachlorobenzoquinone Exerts Neurological Proinflammatory Activity by Promoting HMGB1 Release, Which Induces TLR4 Clustering within the Lipid Raft.

Relationship of polychlorinated biphenyls (PCBs) with parasitism, iron homeostasis, and other health outcomes: Results from a cross-sectional study on recently arrived African immigrants.

Hypermetabolism in B-lymphocytes from malignant hyperthermia susceptible individuals.

Death within 44 days of 2,4-dinitrophenol intake.

Diabetes Prevalence in Relation to Serum Concentrations of Polychlorinated Biphenyl (PCB) Congener Groups and Three Chlorinated Pesticides in a Native American Population.

Sodium arsenite inhibited genomic estrogen signaling but induced pER \pm (Ser118) via MAPK pathway in breast cancer cells.

Enhanced Pulmonary Vascular and Alveolar Development via Prenatal Administration of a Slow-Release Synthetic Prostacyclin Agonist in Rat Fetal Lung Hypoplasia.

Tyrosine Phosphorylation of Focal Adhesion Anchoring Proteins Enhances Human Pancreatic Cancer Cell Invasion.

TCDD modulation of gut microbiome correlated with liver and immune toxicity in streptozotocin (STZ)-induced hyperglycemic mice.

Protective effect of prostacyclin against pre-cardiac edema caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin and a thromboxane receptor agonist in developing zebrafish.

In vitro and in vivo effects of the phytohormone inhibitor fluridone against *Neospora caninum* infection.

Toward elucidation of dioxin-mediated chloracne and Ah receptor functions.

Colon-derived uremic biomarkers induced by the acute toxicity of Kansui radix: A metabolomics study of rat plasma and intestinal contents by UPLC-QTOF-MS(E).

Metabolism, Protein Binding, and Renal Clearance of Microbiota-Derived p-Cresol in Patients with CKD.

METABOLIC DYSBIOSIS OF THE GUT MICROBIOTA AND ITS BIOMARKERS.

Previously Unclassified Mutation of mtDNA m.3472T>C: Evidence of Pathogenicity in Leber's Hereditary Optic Neuropathy.

Physiological Aspects of Female Fertility: Role of the Environment, Modern Lifestyle, and Genetics.

Oxygen consumption deficit in Huntington disease mouse brain under metabolic stress.

Elucidating the chemical structure of native 1-deoxysphingosine.

Dioxin-like pollutants increase hepatic flavin containing monooxygenase (FMO3) expression to promote synthesis of the pro-atherogenic nutrient biomarker trimethylamine N-oxide from dietary precursors.

Alterations in glutamate cysteine ligase content in the retina of two retinitis pigmentosa animal models.

A Systems Biology Approach Reveals Converging Molecular Mechanisms that Link Different POPs to Common Metabolic Diseases.

Increased p-cresyl sulfate level is independently associated with poor outcomes in patients with heart failure.

Endocrine-disrupting chemicals, risk of type 2 diabetes, and diabetes-related metabolic traits: A systematic review and meta-analysis.

Effect of colestimide on the concentrations of polychlorinated dibenzo-p-dioxins, polychlorinated dioxofurans, and polychlorinated biphenyls in blood of Yusho patients.

Inflammation, glucose, and vascular cell damage: the role of the pentose phosphate pathway.

Enhanced cyclooxygenase-2 expression levels and metalloproteinase 2 and 9 activation by Hexachlorobenzene in human endometrial stromal cells.

Association of dioxins, furans and dioxin-like PCBs in human blood with nephropathy among US teens and young adults.

Involvement of Mouse Constitutive Androstane Receptor in Acifluorfen-Induced Liver Injury and Subsequent Tumor Development.

Aryl hydrocarbon receptor knockout rats are insensitive to the pathological effects of repeated oral exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

New insights into BaP-induced toxicity: role of major metabolites in transcriptomics and contribution to hepatocarcinogenesis.

Metabonomic study of the fruits of *Alpinia oxyphylla* as an effective treatment for chronic renal injury in rats.

The effect of a vegetarian versus conventional hypocaloric diet on serum concentrations of persistent organic pollutants in patients with type 2 diabetes.

Microbial-Derived Metabolites Reflect an Altered Intestinal Microbiota during Catch-Up Growth in Undernourished Neonatal Mice.

Digoxin reduces atherosclerosis in apolipoprotein E-deficient mice.

Resistant starch alters gut microbiome and metabolomic profiles concurrent with amelioration of chronic kidney disease in rats.

Free p-Cresol Alters Neutrophil Function in Dogs.

Urinary concentrations of 2,5-dichlorophenol and diabetes in US adults.

Investigating paternal preconception risk factors for adverse pregnancy outcomes in a population of internet users.

Beware the yellow slimming pill: fatal 2,4-dinitrophenol overdose.

Public health and international drug policy.

In Utero and Lactational TCDD Exposure Increases Susceptibility to Lower Urinary Tract Dysfunction in Adulthood.

Development and validation of a LC-MS/MS method for quantitative analysis of uraemic toxins p-cresol sulphate and indoxyl sulphate in saliva.

SCO₂ Mediates Oxidative Stress-Induced Glycolysis to Oxidative Phosphorylation Switch in Hematopoietic Stem Cells.

Gut microbiome in chronic kidney disease.

Comparative experimental investigation on the efficacy of mono- and multiprobiotic strains in non-alcoholic fatty liver disease prevention.

Association between Blood Dioxin Level and Chronic Kidney Disease in an Endemic Area of Exposure.

Untargeted plasma and tissue metabolomics in rats with chronic kidney disease given AST-120.

[Effects of Tetrandrine Prenatal Intervention on Alveolar Epithelial Cells Type I Differentiation in Rat Model of Nitrofen-induced Congenital Diaphragmatic Hernia].

Diabetes in Native Americans: elevated risk as a result of exposure to polychlorinated biphenyls (PCBs).

Effects of in Utero Exposure to Arsenic during the Second Half of Gestation on Reproductive End Points and Metabolic Parameters in Female CD-1 Mice.

[Not Available].

Metformin Scavenges Methylglyoxal To Form a Novel Imidazolinone Metabolite in Humans.

Urban Endocrine Disruptors Targeting Breast Cancer Proteins.

Effects of dioxin-related compounds on bone mineral density in patients affected by the Yusho incident.

Cottonseed Oil in Diets for Broilers in the Pre-Starter and Starter Phases.

Determination of multiple human arsenic metabolites employing high performance liquid chromatography inductively coupled plasma mass spectrometry.

Abdominal Obesity and Insulin Resistance in People Exposed to Moderate-to-High Levels of Dioxin.

Activation of ALDH2 with Low Concentration of Ethanol Attenuates Myocardial Ischemia/Reperfusion Injury in Diabetes Rat Model.

Melatonergic System in Parkinson's Disease: From Neuroprotection to the Management of Motor and Nonmotor Symptoms.

Increased Levels of Total p-Cresylsulfate Are Associated with Pruritus in Patients with Chronic Kidney Disease.

[Application of Metabolomics to Multiple Chemical Sensitivity Research].

Tetrachlorobenzoquinone exhibits neurotoxicity by inducing inflammatory responses through ROS-mediated IKK/ $\text{I}\hat{\text{I}}^{\text{B}}$ /NF- $\hat{\text{I}}^{\text{B}}$ signaling.

The role of aryl hydrocarbon receptor (AhR) in the pathology of pleomorphic adenoma in parotid gland.

PCB126-Induced Disruption in Gluconeogenesis and Fatty Acid Oxidation Precedes Fatty Liver in Male Rats.

Associations between urinary concentrations of 2,5-dichlorophenol and metabolic syndrome among non-diabetic adults.

Oxidative stress-related liver dysfunction by sodium arsenite: Alleviation by Pistacia lentiscus oil.

Riluzole But Not Melatonin Ameliorates Acute Motor Neuron Degeneration and Moderately Inhibits SOD1-Mediated Excitotoxicity Induced Disrupted Mitochondrial Ca⁽²⁺⁾ Signaling in Amyotrophic Lateral Sclerosis.

Pyruvate attenuates the anti-neoplastic effect of carnosine independently from oxidative phosphorylation.

Characterization of the Clostridium difficile volatile metabolome using comprehensive two-dimensional gas chromatography time-of-flight mass spectrometry.

Effects of PCB 126 and PCB 153 on secretion of steroid hormones and mRNA expression of steroidogenic genes (STAR, HSD3B, CYP19A1) and estrogen receptors (ER¹, ER²) in prehierarchical chicken ovarian follicles.

Concentration and congener pattern of polychlorinated biphenyls in blubber and liver of Hubbs' beaked whale (Mesoplodon carlhubbsi), using a sulfoxide and an Ag-ION solid phase extraction cartridge as a simplified cleanup technique for biological samples.

A high fat diet does not affect the iron bioavailability in Wistar rats fed with chia and increases gene expression of iron metabolism proteins.

Single Heteroatom Substitutions in the Efavirenz Oxazinone Ring Impact Metabolism by CYP2B6.

Influence of LED light spectra on in vitro somatic embryogenesis and LC-MS analysis of chlorogenic acid and rutin in Peucedanum japonicum Thunb.: a medicinal herb.

The mutagenic assessment of an electronic-cigarette and reference cigarette smoke using the Ames assay in strains TA98 and TA100.

Effect of early antibiotic administration on cecal bacterial communities and their metabolic profiles in pigs fed diets with different protein levels.

Diazepam influences urinary bioindicator of occupational toluene exposure.

Mitochondrial ATP is required for the maintenance of membrane integrity in stallion spermatozoa, whereas motility requires both glycolysis and oxidative phosphorylation.

Changes in fatty acid composition of Stenotrophomonas maltophilia KB2 during co-metabolic degradation of monochlorophenols.

Evaluation of sludge reduction of three metabolic uncouplers in laboratory-scale anaerobic-anoxic-oxic process.

In vitro mutagenic, antimutagenic, and antioxidant activities evaluation and biotransformation of some bioactive 4-substituted 1-(2-methoxyphenyl)piperazine derivatives.

Toxicological characterisation of a thio-arsenosugar-glycerol in human cells.

Toxic effects of arsenic on semen and hormonal profile and their amelioration with vitamin E in Teddy goat bucks.

Sex Steroid Hormone Single-Nucleotide Polymorphisms, Pesticide Use, and the Risk of Prostate Cancer: A Nested Case-Control Study within the Agricultural Health Study.

Sulfur Metabolism Pathways in *Sulfobacillus acidophilus* TPY, A Gram-Positive Moderate Thermoacidophile from a Hydrothermal Vent.

Comparative liver accumulation of dioxin-like compounds in sheep and cattle: Possible role of AhR-mediated xenobiotic metabolizing enzymes.

The Synthesis and Accumulation of Resveratrol Are Associated with Veraison and Abscisic Acid Concentration in Beihong (*Vitis vinifera* L.— *Vitis amurensis*) Berry Skin.

Global metabolic changes induced by plant-derived pyrrolizidine alkaloids following a human poisoning outbreak and in a mouse model.

Protective Effects of Essential Oils as Natural Antioxidants against Hepatotoxicity Induced by Cyclophosphamide in Mice.

A high-throughput screen for mitochondrial function reveals known and novel mitochondrial toxicants in a library of environmental agents.

Structure-Based Virtual Screening Protocol for in Silico Identification of Potential Thyroid Disrupting Chemicals Targeting Transthyretin.

Retrospective analysis of pesticide metabolites in urine using liquid chromatography coupled to high-resolution mass spectrometry.

Relative effect potency estimates of dioxin-like activity for dioxins, furans, and dioxin-like PCBs in adults based on cytochrome P450 1A1 and 1B1 gene expression in blood.

Dietary micronutrient intake and its relationship with arsenic metabolism in Mexican women.

N-methyltetrahydropyridines and pyridinium cations as toxins and comparison with naturally-occurring alkaloids.

Dietary Omega-3 Polyunsaturated Fatty Acids Prevent Vascular Dysfunction and Attenuate Cytochrome P4501A1 Expression by 2,3,7,8-Tetrachlorodibenzo-P-Dioxin.

Quantum-mechanical parameters for the risk assessment of multi-walled carbon-nanotubes: A study using adsorption of probe compounds and its application to biomolecules.

Salicylic acid mediates antioxidant defense system and ABA pathway related gene expression in *Oryza sativa* against quinclorac toxicity.

Influence of the metabolic state on the tolerance of *Pichia kudriavzevii* to heavy metals.

Multi-residue analysis of pesticides, plant hormones, veterinary drugs and mycotoxins using HILIC chromatography - MS/MS in various food matrices.

Dioxin induces Ahr-dependent robust DNA demethylation of the Cyp1a1 promoter via Tdg in the mouse liver.

1,5-Diazacyclooctanes, as Exclusive Oxidative Polyamine Metabolites, Inhibit Amyloid- β (1-40) Fibrillization.

Mechanisms of Action Point Towards Combined PBDE/NDL-PCB Risk Assessment.

Histological and Transcriptomic Changes in Male Zebrafish Testes Due to Early Life Exposure to Low Level 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Tumor necrosis factor receptor-associated protein 1 improves hypoxia-impaired energy production in cardiomyocytes through increasing activity of cytochrome c oxidase subunit II.

In vitro toxicity of reuterin, a potential food biopreservative.

Cigarette smoking behaviour and blood metabolomics.

Nutrient Intake Is Associated with Longevity Characterization by Metabolites and Element Profiles of Healthy Centenarians.

Diminished Phosphorylation of CREB Is a Key Event in the Dysregulation of Gluconeogenesis and Glycogenolysis in PCB126 Hepatotoxicity.

Activating Transcription Factor 4 (ATF4)-ATF3-C/EBP Homologous Protein (CHOP) Cascade Shows an Essential Role in the ER Stress-Induced Sensitization of Tetrachlorobenzoquinone-Challenged PC12 Cells to ROS-Mediated Apoptosis via Death Receptor 5 (DR5) Signaling.

Comparative study of chemical and physical methods for distinguishing between passive and metabolically active mechanisms of water contaminant removal by biofilms.

Acrolein Is a Pathogenic Mediator of Alcoholic Liver Disease and the Scavenger Hydralazine Is Protective in Mice.

Urinary Metabotyping of Hepatocellular Carcinoma in a UK Cohort Using Proton Nuclear Magnetic Resonance Spectroscopy.

Genotoxicity Expert Panel review: weight of evidence evaluation of the genotoxicity of glyphosate, glyphosate-based formulations, and aminomethylphosphonic acid.

Glyphosate rodent carcinogenicity bioassay expert panel review.

Diabetes Impairs the Aldehyde Detoxifying Capacity of the Retina.

Impact of co-exposure with butachlor and triadimefon on thyroid endocrine system in larval zebrafish.

Toxicogenomic applications of Chinese rare minnow (*Gobiocypris rarus*) in aquatic toxicology.

Perinatal exposure to dioxins and dioxin-like compounds and infant growth and body mass index at seven years: A pooled analysis of three European birth cohorts.

Molecular impacts of perfluorinated chemicals (PFASs) in the liver and testis of male largemouth bass (*Micropterus salmoides*) in Minnesota Lakes.

Plasma metabolomics study on toxicity biomarker in rats treated with *Euphorbia fischeriana* based on LC-MS.

Aryl hydrocarbon receptor-ligand axis mediates pulmonary fibroblast migration and differentiation through increased arachidonic acid metabolism.

Exposure to Inorganic Arsenic Is Associated with Increased Mitochondrial DNA Copy Number and Longer Telomere Length in Peripheral Blood.

Tyrosine Detoxification Is an Essential Trait in the Life History of Blood-Feeding Arthropods.

[Effect of chronic arsenic exposure on mouse brain tissue and serum metabolomics].

Identification and Molecular Interaction Studies of Thyroid Hormone Receptor Disruptors among Household Dust Contaminants.

BDE-99, but not BDE-47, is a transient aryl hydrocarbon receptor agonist in zebrafish liver cells.

Nrf2-dependent protection against acute sodium arsenite toxicity in zebrafish.

How PBDEs Are Transformed into Dihydroxylated and Dioxin Metabolites Catalyzed by the Active Center of Cytochrome P450s: A DFT Study.

The role of AHR-inducible cytochrome P450s in metabolism of polyunsaturated fatty acids.

Association between polymorphisms in arsenic metabolism genes and urinary arsenic methylation profiles in girls and boys chronically exposed to arsenic.

Toxicity of 3,5,6-trichloro-2-pyridinol tested at multiple stages of zebrafish (*Danio rerio*) development.

Mitochondrial-targeted aryl hydrocarbon receptor and the impact of 2,3,7,8-tetrachlorodibenzo-p-dioxin on cellular respiration and the mitochondrial proteome.

In vitro toxicity assessment of sediment samples from Huangpu River and Suzhou River, Shanghai, China.

Microbial communities from different subsystems in biological heap leaching system play different roles in iron and sulfur metabolisms.

Arsenic Species in Chicken Breast: Temporal Variations of Metabolites, Elimination Kinetics, and Residual Concentrations.

Hepatic Aryl Hydrocarbon Receptor Attenuates Fibroblast Growth Factor 21 Expression.

Metabolic Pathway Involved in 6-Chloro-2-Benzoxazolinone Degradation by *Pigmentiphaga* sp. Strain DL-8 and Identification of the Novel Metal-Dependent Hydrolase CbaA.

Multi-tissue metabolic responses of goldfish (*Carassius auratus*) exposed to glyphosate-based herbicide.

Chemical Constituents, Antimicrobial, Cytotoxicity, Mutagenic and Antimutagenic Effects of *Artemisia ciniformis*.

Alteration of human hepatic drug transporter activity and expression by cigarette smoke condensate.

Chronic dietary exposure to pesticide residues and associated risk in the French ELFE cohort of pregnant women.

Experimental and modeling of the unsaturated transports of S-metolachlor and its metabolites in glaciofluvial vadose zone solids.

Mitigation of sensory and motor deficits by acrolein scavenger phenelzine in a rat model of spinal cord contusive injury.

Urinary Phthalate Metabolites in American Alligators (*Alligator mississippiensis*) from Selected Florida Wetlands.

Bisphenol Analogues Other Than BPA: Environmental Occurrence, Human Exposure, and Toxicity-A Review.

Involvement of endogenous antioxidant systems in the protective activity of pituitary adenylate cyclase-activating polypeptide against hydrogen peroxide-induced oxidative damages in cultured rat astrocytes.

Chiral quizalofop-ethyl and its metabolite quizalofop-acid in soils: Enantioselective degradation, enzymes interaction and toxicity to *Eisenia foetida*.

Exposure to butachlor causes thyroid endocrine disruption and promotion of metamorphosis in *Xenopus laevis*.

Organic contaminants in Great Lakes tributaries: Prevalence and potential aquatic toxicity.

The effects of CYP1A inhibition on alkyl-phenanthrene metabolism and embryotoxicity in marine medaka (*Oryzias melastigma*).

A Microfabricated Platform for Generating Physiologically-Relevant Hepatocyte Zonation.

Impact of dioxins on antipyrine metabolism in firefighters.

A biological indicator of inorganic arsenic exposure using the sum of urinary inorganic arsenic and monomethylarsonic acid concentrations.

Deleterious Effect of p-Cresol on Human Colonic Epithelial Cells Prevented by Proanthocyanidin-Containing Polyphenol Extracts from Fruits and Proanthocyanidin Bacterial Metabolites.

Identification of flurochloridone metabolites in rat urine using liquid chromatography/high resolution mass spectrometry.

Skatole (3-Methylindole) Is a Partial Aryl Hydrocarbon Receptor Agonist and Induces CYP1A1/2 and CYP1B1 Expression in Primary Human Hepatocytes.

Preparation of Methylated Products of A-type Procyranidin Trimers in Cinnamon Bark and Their Protective Effects on Pancreatic β^2 -Cell.

Synthesis and Preclinical Evaluation of ^{11}C -UCB-J as a PET Tracer for Imaging the Synaptic Vesicle Glycoprotein 2A in the Brain.

Bacterial dynamics and metabolite changes in solid-state acetic acid fermentation of Shanxi aged vinegar.

Safety assessment of a standardized polyphenolic extract of clove buds: Subchronic toxicity and mutagenicity studies.

Pesticide Mixture Toxicity in Surface Water Extracts in Snails (*Lymnaea stagnalis*) by an in Vitro Acetylcholinesterase Inhibition Assay and Metabolomics.

Treatment of Resistant Cyclophosphamide Induced Haemorrhagic Cystitis: Review of Literature and Three Case Reports.

Energy Utilization for Survival and Fertilization-Parsimonious Quiescent Sperm Turn Extravagant on Motility Activation in Rat.

Polychlorinated biphenyl 126 exposure in L6 myotubes alters glucose metabolism: a pilot study.

Retrospective screening of pesticide metabolites in ambient air using liquid chromatography coupled to high-resolution mass spectrometry.

Pesticides in the Ebro River basin: Occurrence and risk assessment.

Effects of Common Pesticides on Prostaglandin D2 (PGD2) Inhibition in SC5 Mouse Sertoli Cells, Evidence of Binding at the COX-2 Active Site, and Implications for Endocrine Disruption.

Assessment of Exposure to VOCs among Pregnant Women in the National Children's Study.

Microbial diversity and metabolite composition of Belgian red-brown acidic ales.

Underestimation of the Maximal Capacity of the Mitochondrial Electron Transport System in Oligomycin-Treated Cells.

Attenuation of hepatotoxicity and oxidative stress in diabetes STZ-induced type 1 by biotin in Swiss albino mice.

A urinary metabolomics analysis of long-term effect of acetochlor exposure on rats by ultra-performance liquid chromatography/mass spectrometry.

Proton-Coupled Organic Cation Antiporter Contributes to the Hepatic Uptake of Matrine.

Pretilachlor has the potential to induce endocrine disruption, oxidative stress, apoptosis and immunotoxicity during zebrafish embryo development.

Glycine supplementation in vitro enhances porcine preimplantation embryo cell number and decreases apoptosis but does not lead to live births.

Toxicity assessment of atmospheric particulate matter in the Mediterranean and Black Seas open waters.

Lysines, Achilles' heel in alpha-synuclein conversion to a deadly neuronal endotoxin.

Inhibition of ATP synthesis by fenbufen and its conjugated metabolites in rat liver mitochondria.

How does cigarette smoking cause acute pancreatitis?

Characterization of triclosan metabolism in *Sphingomonas* sp. strain YL-JM2C.

Combined effects of n-TiO₂ and 2,3,7,8-TCDD in *Mytilus galloprovincialis* digestive gland: A transcriptomic and immunohistochemical study.

Novel human hepatic organoid model enables testing of drug-induced liver fibrosis in *in vitro*.

Differential effects of metal ions on TCDD-induced cytotoxicity and cytochrome P4501A1 gene expression in a zebrafish liver (ZFL) cell-line.

Pyruvate Kinase Isoform Switching and Hepatic Metabolic Reprogramming by the Environmental Contaminant 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Metabolism of the (14)C-labeled herbicide clodinafop-propargyl in plant cell cultures of wheat and tobacco.

Role of transpiration and metabolism in translocation and accumulation of cadmium in tobacco plants (*Nicotiana tabacum* L.).

Human CYP2E1-dependent mutagenicity of mono- and dichlorobiphenyls in Chinese hamster (V79)-derived cells.

Redirection of metabolite biosynthesis from hydroxybenzoates to volatile terpenoids in green hairy roots of *Daucus carota*.

Multistress effects on goldfish (*Carassius auratus*) behavior and metabolism.

Protective Effects of Zinc Against Acute Arsenic Toxicity by Regulating Antioxidant Defense System and Cumulative Metallothionein Expression.

Dysfunctional chloroplasts up-regulate the expression of mitochondrial genes in *Arabidopsis* seedlings.

Kolaviron was protective against sodium azide (NaN₃) induced oxidative stress in the prefrontal cortex.

Astaxanthin Inhibits Expression of Retinal Oxidative Stress and Inflammatory Mediators in Streptozotocin-Induced Diabetic Rats.

Divergent Effects of Dioxin- or Non-Dioxin-Like Polychlorinated Biphenyls on the Apoptosis of Primary Cell Culture from the Mouse Pituitary Gland.

Evaluation and identification of dioxin exposure biomarkers in human urine by high-resolution metabolomics, multivariate analysis and *in vitro* synthesis.

[Toxicological characteristics of the main lipid oxidation products].

Toward understanding the impacts of sediment contamination on a native fish species: transcriptional effects, EROD activity, and biliary PAH metabolites.

The pretransplant systemic metabolic profile reflects a risk of acute graft versus host disease after allogeneic stem cell transplantation.

Aryl Hydrocarbon Receptor Activation by TCDD Modulates Expression of Extracellular Matrix Remodeling Genes during Experimental Liver Fibrosis.

Evaluation of metabolomics profiles of grain from maize hybrids derived from near-isogenic GM positive and negative segregant inbreds demonstrates that observed differences cannot be attributed unequivocally to the GM trait.

Intracellular Metabolism of α,β -Unsaturated Carbonyl Compounds, Acrolein, Crotonaldehyde and Methyl Vinyl Ketone, Active Toxicants in Cigarette Smoke: Participation of Glutathione Conjugation Ability and Aldehyde-Ketone Sensitive Reductase Activity.

Evaluating the Effects of Tetrachloro-1,4-benzoquinone, an Active Metabolite of Pentachlorophenol, on the Growth of Human Breast Cancer Cells.

Antioxidant Potential of *Spirulina platensis* Mitigates Oxidative Stress and Reprotoxicity Induced by Sodium Arsenite in Male Rats.

Sensitivity of KATP channels to cellular metabolic disorders and the underlying structural basis.

Somatic Embryogenesis in Horse Chestnut (*Aesculus hippocastanum* L.).

The combined effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and the phytoestrogen genistein on steroid hormone secretion, AhR and ER α expression and the incidence of apoptosis in granulosa cells of medium porcine follicles.

Phenylephrine preconditioning in embryonic heart H9c2 cells is mediated by up-regulation of SUR2B/Kir6.2: A first evidence for functional role of SUR2B in sarcolemmal KATP channels and cardioprotection.

Methylation of inorganic arsenic by murine fetal tissue explants.

Tick-borne encephalitis--lipid peroxidation and its consequences.

Interplay of metabolizing enzymes and transporter of xenobiotics.

The role of oxidative stress on carotene production by *Blakeslea trispora* in submerged fermentation.

Genome-Wide Transcriptional Profiling and Metabolic Analysis Uncover Multiple Molecular Responses of the Grass Species *Lolium perenne* Under Low-Intensity Xenobiotic Stress.

Tribenuron-Methyl Induces Male Sterility through Anther-Specific Inhibition of Acetolactate Synthase Leading to Autophagic Cell Death.

trans-Cinnamaldehyde stimulates mitochondrial biogenesis through PGC-1 α and PPAR α leading to enhanced GLUT4 expression.

Atrazine triggers developmental abnormality of ovary and oviduct in quails (*Coturnix Coturnix coturnix*) via disruption of hypothalamo-pituitary-ovarian axis.

Executive Summary to EDC-2: The Endocrine Society's Second Scientific Statement on Endocrine-Disrupting Chemicals.

Prenatal pesticide exposure and otitis media during early childhood in the PELAGIE mother-child cohort.

Histopathological and ultramicroscopical changes in gill, liver and kidney of *Anabas testudineus* (Bloch) after chronic intoxication of almix (metsulfuron methyl 10.1%+chlorimuron ethyl 10.1%) herbicide.

The enzymatic and antioxidative stress response of *Lemna minor* to copper and a chloroacetamide herbicide.

Differential effects of bevacizumab, ranibizumab and aflibercept on cell viability, phagocytosis and mitochondrial bioenergetics of retinal pigment epithelial cell.

Oral exposure of pubertal male mice to endocrine-disrupting chemicals alters fat metabolism in adult livers.

Abnormal pancreatic enzymes and their prognostic role after acute paraquat poisoning.

Protective effects of caffeic acid phenethyl ester on dose-dependent intoxication of rats with paraquat.

Antifungal, Phytotoxic, and Cytotoxic Activities of Metabolites from *Epichloa bromicola*, a Fungus Obtained from *Elymus tangutorum* Grass.

Effect of Age, Duration of Exposure, and Dose of Atrazine on Sexual Maturation and the Luteinizing Hormone Surge in the Female Sprague-Dawley Rat.

Impairment of striatal mitochondrial function by acute paraquat poisoning.

The Effect of Exposure to Atrazine on Dopaminergic Development in Pubertal Male SD Rats.

Toxicological evaluation of ametryn effects in Wistar rats.

Potential toxic effects of glyphosate and its commercial formulations below regulatory limits.

Environmental pollutants parathion, paraquat and bisphenol A show distinct effects towards nuclear receptors-mediated induction of xenobiotics-metabolizing cytochromes P450 in human hepatocytes.

A Novel Aldo-Keto Reductase (AKR17A1) of *Anabaena* sp. PCC 7120 Degrades the Rice Field Herbicide Butachlor and Confers Tolerance to Abiotic Stresses in *E. coli*.

Effect of acetochlor on transcription of genes associated with oxidative stress, apoptosis, immunotoxicity and endocrine disruption in the early life stage of zebrafish.

A collection of cytochrome P450 monooxygenase genes involved in modification and detoxification of herbicide atrazine in rice (*Oryza sativa*) plants.

Oxidative stress and metabolic perturbations in *Escherichia coli* exposed to sublethal levels of 2,4-dichlorophenoxyacetic acid.

Use of acetochlor and cancer incidence in the Agricultural Health Study.

Chlamydomonas reinhardtii cells adjust the metabolism to maintain viability in response to atrazine stress.

Protective role of bacillithiol in superoxide stress and Fe-S metabolism in *Bacillus subtilis*.

Proteomics analysis of *Xenopus laevis* gonad tissue following chronic exposure to atrazine.

The Effects of Simazine, a Chlorotriazine Herbicide, on the Expression of Genes in Developing Male *Xenopus laevis*.

Spectrum of patients intentionally poisoned with an emulsified concentrate pendimethalin herbicide.

Arsenic and Its Methylated Metabolites Inhibit the Differentiation of Neural Plate Border Specifier Cells.

Analyzing *Arabidopsis thaliana* root proteome provides insights into the molecular bases of enantioselective imazethapyr toxicity.

Proteomic and histopathological response in the gills of *Poecilia reticulata* exposed to glyphosate-based herbicide.

Anti-androgenic activities of diuron and its metabolites in male Nile tilapia (*Oreochromis niloticus*).

Pronamide: Weight of evidence for potential estrogen, androgen or thyroid effects.

Pronamide: Human relevance of liver-mediated rat leydig cell tumors.

Atrazine Triggers DNA Damage Response and Induces DNA Double-Strand Breaks in MCF-10A Cells.

Molecular cytotoxicity mechanisms of allyl alcohol (acrolein) in budding yeast.

Mercapturic Acids Derived from the Toxicants Acrolein and Crotonaldehyde in the Urine of Cigarette Smokers from Five Ethnic Groups with Differing Risks for Lung Cancer.

Glutathione S-transferase P protects against cyclophosphamide-induced cardiotoxicity in mice.

2-Methyl-4-chlorophenoxyacetic acid and bromoxynil herbicide death.

Transcriptional profiling of the soil invertebrate *Folsomia candida* in pentachlorophenol-contaminated soil.

Soft tissue sarcoma, non-Hodgkin's lymphoma and chronic lymphocytic leukaemia in workers exposed to phenoxy herbicides: extended follow-up of a UK cohort.

Aminomethylphosphonic acid has low chronic toxicity to *Daphnia magna* and *Pimephales promelas*.

Rapid fluorescence-based measurement of toxicity in anaerobic digestion.

Effects of currently used pesticides and their mixtures on the function of thyroid hormone and aryl hydrocarbon receptor in cell culture.

Dicamba affects sex steroid hormone level and mRNA expression of related genes in adult rare minnow (*Gobiocypris rarus*) at environmentally relevant concentrations.

Gulpyrones A and B and Phomentrioloxins B and C Produced by *Diaporthe gulyae*, a Potential Mycoherbicide for Saffron Thistle (*Carthamus lanatus*).

Diuron in water: functional toxicity and intracellular detoxification patterns of active concentrations assayed in tandem by a yeast-based probe.

Mode of action and human relevance of pronamide-induced rat thyroid tumors.

An efficient machine learning approach for diagnosis of paraquat-poisoned patients.

How the edaphic *Bacillus megaterium* strain Mes11 adapts its metabolism to the herbicide mesotrione pressure.

Subcellular energy balance of *Odontesthes bonariensis* exposed to a glyphosate-based herbicide.

Metabolic profiling of *Lolium perenne* shows functional integration of metabolic responses to diverse subtoxic conditions of chemical stress.

Proposal for novel metabolic pathway of highly toxic dimethylated arsenics accompanied by enzymatic sulfuration, desulfuration and oxidation.

Physiological effects of temperature on turfgrass tolerance to amicarbazone.

Kernel compositions of glyphosate-tolerant and corn rootworm-protected MON 88017 sweet corn and insect-protected MON 89034 sweet corn are equivalent to that of conventional sweet corn (*Zea mays*).

ROS-triggered signaling pathways involved in the cytotoxicity and tumor promotion effects of pentachlorophenol and tetrachlorohydroquinone.

Effect of arsenic compounds on the in vitro differentiation of mouse embryonic stem cells into cardiomyocytes.

RNA-Seq transcriptome analysis of maize inbred carrying nicosulfuron-tolerant and nicosulfuron-susceptible alleles.

[Clinical study on the treatment of acute paraquat poisoning with sequential whole gastric and bowel irrigation].

Evaluation of carcinogenic potential of the herbicide glyphosate, drawing on tumor incidence data from fourteen chronic/carcinogenicity rodent studies.

The invertebrate *Caenorhabditis elegans* biosynthesizes ascorbate.

Assessment of pesticide residues and gene expression in common carp exposed to atrazine and chlorpyrifos: Health risk assessments.

Modeling of degradation kinetic and toxicity evaluation of herbicides mixtures in water using the UV/H₂O₂ process.

Genetic and physiological responses of three freshwater diatoms to realistic diuron exposures.

Molecular mechanisms of acrolein toxicity: relevance to human disease.

(1)H NMR based metabolomics approach to study the toxic effects of herbicide butachlor on goldfish (*Carassius auratus*).

Relative developmental toxicities of pentachloroanisole and pentachlorophenol in a zebrafish model (*Danio rerio*).

Dimethylarsinic acid (DMA(V)) changed the expressions of proliferative related factors and secretion of inflammatory cytokines in rat bladder.

Global transcriptomic profiling demonstrates induction of oxidative stress and of compensatory cellular stress responses in brown trout exposed to glyphosate and Roundup.

Study of Cytotoxic Effects of Benzonitrile Pesticides.

Serum Metabolomics in Rats after Acute Paraquat Poisoning.

Metabolic changes in paraquat poisoned patients and support vector machine model of discrimination.

Clearance rate and BP-ANN model in paraquat poisoned patients treated with hemoperfusion.

Environmental hormones and their impacts on sex differentiation in fathead minnows.

Acute Effects of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) or Paraquat on Core Temperature in C57BL/6J Mice.

Effect of titanium dioxide nanoparticles on the bioavailability, metabolism, and toxicity of pentachlorophenol in zebrafish larvae.

Effects of glyphosate on juvenile rainbow trout (*Oncorhynchus mykiss*): transcriptional and enzymatic analyses of antioxidant defence system, histopathological liver damage and swimming performance.

Combined effects of repeated administration of Bretmont Wipeout (glyphosate) and Ultrazin (atrazine) on testosterone, oxidative stress and sperm quality of Wistar rats.

Isolation of arginine kinase from *Apis cerana cerana* and its possible involvement in response to adverse stress.

Superoxide produced in the matrix of mitochondria enhances methylmercury toxicity in human neuroblastoma cells.

EDC-2: The Endocrine Society's Second Scientific Statement on Endocrine-Disrupting Chemicals.

Cinnamaldehyde attenuates pressure overload-induced cardiac hypertrophy.

Increase in acrolein-conjugated immunoglobulins in saliva from patients with primary Sjögren's syndrome.

Evaluation of dementia by acrolein, amyloid- β^2 and creatinine.

The Genetic Architecture of Arsenic Metabolism Efficiency: A SNP-Based Heritability Study of Bangladeshi Adults.

Methylated arsenic metabolites bind to PML protein but do not induce cellular differentiation and PML-RAR α protein degradation.

Antifungal Effect of Essential Oils against *Fusarium* Keratitis Isolates.

Controlling *Aspergillus flavus* and *Aspergillus parasiticus* growth and aflatoxin production in poultry feed using carvacrol and trans-cinnamaldehyde.

Effect of essential oils of *Syzygium aromaticum* and *Cinnamomum zeylanicum* and their major components on biofilm production in *Staphylococcus aureus* strains isolated from milk of cows with mastitis.

Absence of *sodA* Increases the Levels of Oxidation of Key Metabolic Determinants of *Borrelia burgdorferi*.

Soluble Epoxide Hydrolase Deficiency or Inhibition Attenuates MPTP-Induced Parkinsonism.

Endogenous hydrogen peroxide in the hypothalamic paraventricular nucleus regulates neurohormonal excitation in high salt-induced hypertension.

Partitioning of dietary energy of chickens fed maize- or wheat-based diets with and without a commercial blend of phytogenic feed additives.

Elevated levels of mercapturic acids of acrolein and crotonaldehyde in the urine of Chinese women in Singapore who regularly cook at home.

Cinnamic aldehyde treatment alleviates chronic unexpected stress-induced depressive-like behaviors via targeting cyclooxygenase-2 in mid-aged rats.

Distinguishing mild cognitive impairment from Alzheimer's disease with acrolein metabolites and creatinine in urine.

Cinnamic acid exerts anti-diabetic activity by improving glucose tolerance in vivo and by stimulating insulin secretion in vitro.

Cinnamaldehyde Contributes to Insulin Sensitivity by Activating PPAR α , PPAR δ , and RXR.

[Changes in mRNA expression of p53 and related downstream genes in peripheral blood lymphocytes in workers occupationally exposed to arsenic].

Detoxification of Atrazine by Endophytic *Streptomyces* sp. Isolated from Sugarcane and Detection of Nontoxic Metabolite.

Dynamic differences in oxidative stress and the regulation of metabolism with age in visceral versus subcutaneous adipose.

The ethanol metabolite acetaldehyde induces water and salt intake via two distinct pathways in the central nervous system of rats.

Reduction of the Pentavalent Arsenical Dimethylarsinic Acid and the GSTO1 Substrate S-(4-Nitrophenacyl)glutathione by Rat Liver Cytosol: Analyzing the Role of GSTO1 in Arsenic Reduction.

Renal function is associated with indicators of arsenic methylation capacity in Bangladeshi adults.

Metabolic and process engineering of *Clostridium cellulovorans* for biofuel production from cellulose.

Metabolic Profiling and Enzyme Analyses Indicate a Potential Role of Antioxidant Systems in Complementing Glyphosate Resistance in an *Amaranthus palmeri* Biotype.

Catabolism of coniferyl aldehyde, ferulic acid and p-coumaric acid by *Saccharomyces cerevisiae* yields less toxic products.

Measuring Rates of Herbicide Metabolism in Dicot Weeds with an Excised Leaf Assay.

In Silico Approach To Identify Potential Thyroid Hormone Disruptors among Currently Known Dust Contaminants and Their Metabolites.

Differential tissue accumulation of 2,3,7,8-Tetrachlorinated dibenzo-p-dioxin in *Arabidopsis thaliana* affects plant chronology, lipid metabolism and seed yield.

Metabolism and dissipation kinetics of a novel protoporphyrinogen IX oxidase herbicide [oxadiargyl] in various buffered aqueous system under laboratory-simulated condition.

Absorption, translocation and metabolism of bispyribac-sodium on rice seedlings under cold stress.

Mechanism study of alachlor biodegradation by *Paecilomyces marquandii* with proteomic and metabolomic methods.

Oxidative and reductive metabolism of lipid-peroxidation derived carbonyls.

A pesticide monitoring survey in rivers and lakes of northern Greece and its human and ecotoxicological risk assessment.

Cinnamaldehyde and nitric oxide attenuate advanced glycation end products-induced the Jak/STAT signaling in human renal tubular cells.

Metabolism of agrochemicals and related environmental chemicals based on cytochrome P450s in mammals and plants.

Glyphosate's impact on vegetative growth in leafy spurge identifies molecular processes and hormone cross-talk associated with increased branching.

An Efficient Protocol for Plantlet Regeneration via Direct Organogenesis by Using Nodal Segments from Embryo-Cultured Seedlings of *Cinnamomum camphora* L.

Measuring oxidative stress resistance of *Caenorhabditis elegans* in 96-well microtiter plates.

Steady-state metabolism of ethanol in perfused rat livers treated with cyanamide: quantitative analysis of acetaldehyde effects on the metabolic flux rates.

Effects of atrazine on estrogen receptor $\hat{\pm}$ - and G protein-coupled receptor 30-mediated signaling and proliferation in cancer cells and cancer-associated fibroblasts.

Modelling the biodegradation kinetics of the herbicide propanil and its metabolite 3,4-dichloroaniline.

Genotoxicity of 1-methylpyrene and 1-hydroxymethylpyrene in Chinese hamster V79-derived cells expressing both human CYP2E1 and SULT1A1.

The distribution in tissues and urine of arsenic metabolites after subchronic exposure to dimethylarsinic acid (DMAV) in rats.

Metabolic process engineering of *Clostridium tyrobutyricum* Δ ack-adhE2 for enhanced n-butanol production from glucose: effects of methyl viologen on NADH availability, flux distribution, and fermentation kinetics.

Proinflammatory effect of trivalent arsenical species in a co-culture of Caco-2 cells and peripheral blood mononuclear cells.

Electrochemical sensor for simultaneous determination of herbicide MCPA and its metabolite 4-chloro-2-methylphenol. Application to photodegradation environmental monitoring.

Hydrophilic interaction liquid chromatography coupled with tandem mass spectrometry for acidic herbicides and metabolites analysis in fresh water.

Menthol attenuates respiratory irritation and elevates blood cotinine in cigarette smoke exposed mice.

Activation of auxin signalling counteracts photorespiratory H₂O₂-dependent cell death.

[Relationships between H₂O₂ metabolism and Ca²⁺ transport in dormancy-breaking process of nectarine floral buds].

Expression of cytochrome P450 CYP81A6 in rice: tissue specificity, protein subcellular localization, and response to herbicide application.

A micro-QuEChERS method coupled to GC-MS for the quantification of pesticides in specific maternal and fetal tissues.

A potential role for endogenous microflora in dormancy release, cytokinin metabolism and the response to fluridone in *Lolium rigidum* seeds.

Analysis of benzobicyclon and its metabolite in brown rice and rice straw after field application using liquid chromatography-tandem mass spectrometry.

Simultaneous determination of cinnamaldehyde and its metabolite in rat tissues by gas chromatography-mass spectrometry.

Influence of the level of arsenic (As) exposure and the presence of T860C polymorphism in human As urinary metabolic profile.

Anti-obesity and anti-hyperglycemic effects of cinnamaldehyde via altered ghrelin secretion and functional impact on food intake and gastric emptying.

DMA(V) in Drinking Water Activated NF- κ B Signal Pathway and Increased TGF- β 2 and IL-1 β Expressions in Bladder Epithelial Cells of Rats.

Metabolic fate of the (14)C-labeled herbicide clodinafop-propargyl in a sediment-water system.

Cinnamaldehyde prevents endothelial dysfunction induced by high glucose by activating Nrf2.

Winery vermicomposts to control the leaching of diuron, imidacloprid and their metabolites: role of dissolved organic carbon content.

Ryecyanatines A and B and ryecarbonitrilines A and B, substituted cyanatophenol, cyanatobenzo[1,3]dioxole, and benzo[1,3]dioxolecarbonitriles from rye (*Secale cereale* L.) root exudates: Novel metabolites with allelopathic activity on *Orobanche* seed germination and radicle growth.

Urinary arsenic speciation profile in ethnic group of the Atacama desert (Chile) exposed to variable arsenic levels in drinking water.

Risk of Soil Recontamination Due to Using *Eleusine coracana* and *Panicum maximum* Straw After Phytoremediation of Picloram.

Effective attenuation of atrazine-induced histopathological changes in testicular tissue by antioxidant N-phenyl-4-aryl-polyhydroquinolines.

Selective phytotoxic activity of 2,3,11¹²,13-tetrahydroaromaticin and ilicic acid isolated from *Inula graveolens*.

Drugs That Bind to α -Synuclein: Neuroprotective or Neurotoxic?

Progression of micronutrient alteration and hepatotoxicity following acute PCB126 exposure.

Compound- and sex-specific effects on programming of energy and immune homeostasis in adult C57BL/6JxFVB mice after perinatal TCDD and PCB 153.

2,3,7,8-Tetrachlorodibenzo-p-Dioxin Alters Lipid Metabolism and Depletes Immune Cell Populations in the Jejunum of C57BL/6 Mice.

Paraoxonase 1 and cytochrome P450 polymorphisms in susceptibility to acute organophosphorus poisoning in Egyptians.

Short-Term Changes in Body Composition and Response to Micronutrient Supplementation After Laparoscopic Sleeve Gastrectomy.

Effects of co-exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin and polychlorinated biphenyls on nonalcoholic fatty liver disease in mice.

Design, synthesis and biological activity of phenoxyacetic acid derivatives as novel free fatty acid receptor 1 agonists.

Green tea inhibited the elimination of nephro-cardiovascular toxins and deteriorated the renal function in rats with renal failure.

Design, Synthesis and in Vivo Evaluation of Novel Glycosylated Sulfonylureas as Antihyperglycemic Agents.

In utero/lactational and adult exposures to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) show differential effects on craniofacial development and growth in rats.

Development of a physiologically-based pharmacokinetic model of 2-phenoxyethanol and its metabolite phenoxyacetic acid in rats and humans to address toxicokinetic uncertainty in risk assessment.

Evaluating microRNA profiles reveals discriminative responses following genotoxic or non-genotoxic carcinogen exposure in primary mouse hepatocytes.

Correlation between dioxin and endometriosis: an epigenetic route to unravel the pathogenesis of the disease.

Reversible Splenic Lesion Syndrome (RESLES) Following Glufosinate Ammonium Poisoning.

Cutaneous drug toxicity from 2,4-dinitrophenol (DNP): Case report and histological description.

Epigenetic mechanisms underlying arsenic-associated lung carcinogenesis.

Cyclodextrin-modified MEKC method for quantification of selected acidic metabolites of catecholamines in the presence of various biogenic amines. Application to diagnosis of neuroblastoma.

A constitutive active MAPK/ERK pathway due to BRAFV600E positively regulates AHR pathway in PTC.

Association between Dioxin and Diabetes Mellitus in an Endemic Area of Exposure in Taiwan: A Population-Based Study.

17-Allylamino-17-demethoxygeldanamycin and Herbimycin A Induce Cell Death by Modulating β -Catenin and PI3K/AKT Signaling in FRO Anaplastic Thyroid Carcinoma Cells.

Proximal tubular efflux transporters involved in renal excretion of p-cresyl sulfate and p-cresyl glucuronide: Implications for chronic kidney disease pathophysiology.

Modulation of Glycosaminoglycans Affects PrPSc Metabolism but Does Not Block PrPSc Uptake.

Current skin symptoms of Yusho patients exposed to high levels of 2,3,4,7,8-pentachlorinated dibenzofuran and polychlorinated biphenyls in 1968.

Vitamin B12 and folate levels increase during treatment of iron deficiency anaemia in young adult woman.

Activation of the Prostaglandin E2 receptor EP2 prevents house dust mite-induced airway hyperresponsiveness and inflammation by restraining mast cells' activity.

Continuous Reduction of Protein-Bound Uraemic Toxins with Improved Oxidative Stress by Using the Oral Charcoal Adsorbent AST-120 in Haemodialysis Patients.

Using Insulin Infusion Sets in CSII for Longer Than the Recommended Usage Time Leads to a High Risk for Adverse Events: Results From a Prospective Randomized Crossover Study.

NADPH Oxidase-Mediated Superoxide Production by Intermediary Bacterial Metabolites of Dibenzofuran: A Potential Cause for Trans-Mitochondrial Membrane Potential ($\Delta\psi_m$) Collapse in Human Hepatoma Cells.

Dietary protein-fiber ratio associates with circulating levels of indoxyl sulfate and p-cresyl sulfate in chronic kidney disease patients.

Detection of urine metabolites in polycystic ovary syndrome by UPLC triple-TOF-MS.

Ablation of XP-V gene causes adipose tissue senescence and metabolic abnormalities.

Differential Effects of Glycyrrhiza Species on Genotoxic Estrogen Metabolism: Licochalcone A Downregulates P450 1B1, whereas Isoliquiritigenin Stimulates It.

The Role of Liver in Determining Serum Colon-Derived Uremic Solutes.

Gut-Microbiota-Metabolite Axis in Early Renal Function Decline.

Malignant hyperthermia: a review.

Medical interventions to reverse pulmonary hypoplasia in the animal model of congenital diaphragmatic hernia: A systematic review.

Fluorimetric screening assay for protein carbonyl evaluation in biological samples.

Left ventricular global longitudinal strain is associated with cardiovascular risk factors and arterial stiffness in chronic kidney disease.

[Reevaluation of the concept of developmental abnormality: the importance of faulty perinatal imprinting].

The AhR Ligand, TCDD, Regulates Androgen Receptor Activity Differently in Androgen-Sensitive versus Castration-Resistant Human Prostate Cancer Cells.

Anti-obesity and metabolic efficacy of the β -adrenergic agonist, CL316243, in mice at thermoneutrality compared to 22°C.

Improved method for quantitative analysis of methylated phosphatidylethanolamine species and its application for analysis of diabetic-mouse liver samples.

The Transcriptional Effects of PCB118 and PCB153 on the Liver, Adipose Tissue, Muscle and Colon of Mice: Highlighting of Glut4 and Lipin1 as Main Target Genes for PCB Induced Metabolic Disorders.

Arsenic-induced dyslipidemia in male albino rats: comparison between trivalent and pentavalent inorganic arsenic in drinking water.

Environmental immune disruptors, inflammation and cancer risk.

The effect of environmental chemicals on the tumor microenvironment.

Activation of aryl hydrocarbon receptor dissociates fatty liver from insulin resistance by inducing fibroblast growth factor 21.

Serum aryl hydrocarbon receptor ligand activity is associated with insulin resistance and resulting type 2 diabetes.

Effect of tocopherol on biochemical blood parameters in pleuritis-induced rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Aminomethylphosphonic acid and methoxyacetic acid induce apoptosis in prostate cancer cells.

Omeprazole Inhibits Pancreatic Cancer Cell Invasion through a Nongenomic Aryl Hydrocarbon Receptor Pathway.

Involvement of iron depletion in palmitate-induced lipotoxicity of beta cells.

[Latest Findings of Yusho and Its Therapeutic Development].

[The Distribution of Dioxin Concentrations in the Blood of Yusho Patients].

[Bone Mineral Density in Yusho Health Examination].

[Serum Levels of Regulatory T Cell in the Yusho Patients].

Foreword. The Twenty-five Reports of the Study on Yusho--PCBs and Dioxin-Related Compounds.

Novel Mitochondrial Cationic Uncoupler C4R1 Is an Effective Treatment for Combating Obesity in Mice.

Luteolin suppresses TCDD-induced wasting syndrome in a cultured adipocyte model.

The aryl hydrocarbon receptor (AhR) mediates resistance to apoptosis induced in breast cancer cells.

Effect of vitamin D supplementation during pregnancy on maternal and neonatal outcomes: a systematic review and meta-analysis of randomized controlled trials.

Oligofructose protects against arsenic-induced liver injury in a model of environment/obesity interaction.

The drosophila T-box transcription factor midline functions within Insulin/Akt and c-Jun-N terminal kinase stress-reactive signaling pathways to regulate interommatial bristle formation and cell survival.

Anti-leukemic effect of sodium metaarsenite (KML001) in acute myeloid leukemia with breaking-down the resistance of cytosine arabinoside.

Time- and spectrally resolved characteristics of flavin fluorescence in U87MG cancer cells in culture.

2,3,7,8-Tetrachlorodibenzo-p-dioxin modulates estradiol-induced aldehydic DNA lesions in human breast cancer cells through alteration of CYP1A1 and CYP1B1 expression.

Metabolic outcome of female mice exposed to a mixture of low-dose pollutants in a diet-induced obesity model.

Sodium meta-arsenite prevents the development of autoimmune diabetes in NOD mice.

Modulation of colon cancer by nutmeg.

Mitochondrial vulnerability and increased susceptibility to nutrient-induced cytotoxicity in fibroblasts from leigh syndrome French canadian patients.

Quantitative analysis of volatile metabolites released in vitro by bacteria of the genus *Stenotrophomonas* for identification of breath biomarkers of respiratory infection in cystic fibrosis.

Associations of plasma concentrations of dichlorodiphenyldichloroethylene and polychlorinated biphenyls with prostate cancer: a case-control study in Guadeloupe (French West Indies).

Gestational exposure to the AhR agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin induces BRCA-1 promoter hypermethylation and reduces BRCA-1 expression in mammary tissue of rat offspring: preventive effects of resveratrol.

A potential synergy between incomplete arsenic methylation capacity and demographic characteristics on the risk of hypertension: findings from a cross-sectional study in an arsenic-endemic area of inner Mongolia, China.

Inorganic Arsenic-induced cellular transformation is coupled with genome wide changes in chromatin structure, transcriptome and splicing patterns.

Mitochondrial superoxide in osteocytes perturbs canalicular networks in the setting of age-related osteoporosis.

Dose-response relationship between serum 2,3,7,8-tetrachlorodibenzo-p-dioxin and diabetes mellitus: a meta-analysis.

Controlled-release mitochondrial protonophore reverses diabetes and steatohepatitis in rats.

Synergic actions of polyphenols and cyanogens of peanut seed coat (*Arachis hypogaea*) on cytological, biochemical and functional changes in thyroid.

The cellular and molecular progression of mitochondrial dysfunction induced by 2,4-dinitrophenol in developing zebrafish embryos.

In Ivorian school-age children, infection with hookworm does not reduce dietary iron absorption or systemic iron utilization, whereas afebrile *Plasmodium falciparum* infection reduces iron absorption by half.

Serum metabolomics reveals that arsenic exposure disrupted lipid and amino acid metabolism in rats: a step forward in understanding chronic arsenic toxicity.

TCDD-induced activation of aryl hydrocarbon receptor regulates the skin stem cell population.

Internal exposure to organochlorine pollutants and cadmium and self-reported health status: a prospective study.

The inflammation and estrogen metabolism impacts of polychlorinated biphenyls on endometrial cancer cells.

Behavioral characterization of mouse models of neuroferritinopathy.

Novel heat shock protein 90 inhibitor NVP-AUY922 synergizes with the histone deacetylase inhibitor PXD101 in induction of death of anaplastic thyroid carcinoma cells.

Aryl hydrocarbon receptor SNP -130 C/T associates with dioxins susceptibility through regulating its receptor activity and downstream effectors including interleukin 24.

Metabolic disturbances of the vitamin A pathway in human diaphragmatic hernia.

Urinary amino acid alterations in 3-year-old children with neurodevelopmental effects due to perinatal dioxin exposure in Vietnam: a nested case-control study for neurobiomarker discovery.

Aryl Hydrocarbon Receptor Activation in Acne Vulgaris Skin: A Case Series from the Region of Naples, Italy.

Dioxin-Produced Alteration in the Profiles of Fecal and Urinary Metabolomes: A Change in Bile Acids and Its Relevance to Toxicity.

In Vitro Protective Potentials of *Annona muricata* Leaf Extracts Against Sodium Arsenite-induced Toxicity.

Indoxyl sulfate, not P-cresyl sulfate, is associated with advanced glycation end products in patients on long-term hemodialysis.

KML001 enhances anticancer activity of gemcitabine against pancreatic cancer cells.

Synthesis and biological evaluation of phenoxyacetic acid derivatives as novel free fatty acid receptor 1 agonists.

Antiandrogenic mechanisms of pesticides in human LNCaP prostate and H295R adrenocortical carcinoma cells.

Genetic variation in arsenic (+3 oxidation state) methyltransferase (AS3MT), arsenic metabolism and risk of basal cell carcinoma in a European population.

Alterations of platelet functions in children and adolescents with iron-deficiency anemia and response to therapy.

Microbial Metabolism Shifts Towards an Adverse Profile with Supplementary Iron in the TIM-2 In vitro Model of the Human Colon.

Genes of the de novo and Salvage Biosynthesis Pathways of Vitamin B6 are Regulated under Oxidative Stress in the Plant Pathogen *Rhizoctonia solani*.

Light Inhibition of Shoot Regeneration Is Regulated by Endogenous Abscisic Acid Level in Calli Derived from Immature Barley Embryos.

Atrazine Exposure and Reproductive Dysfunction through the Hypothalamus-Pituitary-Gonadal (HPG) Axis.

Aryl hydrocarbon receptor antagonism and its role in rheumatoid arthritis.

[Determination of 135 pesticides and their metabolites in *Angelica sinensis* by ultra-fast liquid chromatography-tandem mass spectrometry coupled with solid-phase extraction].

Effect of in utero exposure to endocrine disruptors on fetal steroidogenesis governed by the pituitary-gonad axis: a study in rats using different ways of administration.

Determination of endocrine disruptors and endogenic androgens and estrogens in rat serum by high-performance liquid chromatography-tandem mass spectrometry.

Metabolic pathway involved in 2-methyl-6-ethylaniline degradation by *Sphingobium* sp. strain MEA3-1 and cloning of the novel flavin-dependent monooxygenase system *meaBA*.

Effects of iron-glycine chelate on growth, carcass characteristic, liver mineral concentrations and haematological and biochemical blood parameters in broilers.

Paraquat and psychological stressor interactions as pertains to Parkinsonian co-morbidity.

Monomethylarsonous Acid (MMAIII) Has an Adverse Effect on the Innate Immune Response of Human Bronchial Epithelial Cells to *Pseudomonas aeruginosa*.

Snapping Turtles (*Chelydra serpentina*) from Canadian Areas of Concern across the southern Laurentian Great Lakes: Chlorinated and brominated hydrocarbon contaminants and metabolites in relation to circulating concentrations of thyroxine and vitamin A.

Simultaneous determination of phenoxyethanol and its major metabolite, phenoxyacetic acid, in rat biological matrices by LC-MS/MS with polarity switching: Application to ADME studies.

Comparison of alternative remediation technologies for recycled gravel contaminated with heavy metals.

Efflux systems in bacteria and their metabolic engineering applications.

Biochemical characterization of embryogenic calli of *Vanilla planifolia* in response to two years of thidiazuron treatment.

Evaluation of [(11)C]methyl-losartan and [(11)C]methyl-EXP3174 for PET imaging of renal AT1receptor in rats.

Differential embryotoxicity of the organic pollutants in rural and urban air particles.

Mechanism of triphenylmethane Cresol Red degradation by *Trichoderma harzianum* M06.

The fish embryo test (FET): origin, applications, and future.

Do hormone-modulating chemicals impact on reproduction and development of wild amphibians?

Synthesis, Molecular Structure, Metabolic Stability and QSAR Studies of a Novel Series of Anticancer N-Acylbenzenesulfonamides.

Hepatotoxicity, Nephrotoxicity and Oxidative Stress in Rat Testis Following Exposure to Haloxyfop-p-methyl Ester, an Aryloxyphenoxypropionate Herbicide.

The role of thioredoxin reductase and glutathione reductase in plumbagin-induced, reactive oxygen species-mediated apoptosis in cancer cell lines.

Transcriptional profiling of rat white adipose tissue response to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin.

Screening a mouse liver gene expression compendium identifies modulators of the aryl hydrocarbon receptor (AhR).

[2, 4, 6-Trichlorophenol Mineralization Promoted by Anaerobic Reductive Dechlorination of Acclimated Sludge and Extracellular Respiration Dechlorination Pathway].

Predictive modes of action of pesticides in uterine adenocarcinoma development in rats.

Activation of NRF2 pathway in spleen, thymus as well as peripheral blood mononuclear cells by acute arsenic exposure in mice.

Levels of selected urinary metabolites of volatile organic compounds among children aged 6-11 years.

Combination effects of nano-TiO₂ and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on biotransformation gene expression in the liver of European sea bass *Dicentrarchus labrax*.

Metabolic engineering of *Escherichia coli* to enhance acetol production from glycerol.

Toxicogenetic effects of low concentrations of the pesticides imidacloprid and sulfentrazone individually and in combination in *in vitro* tests with HepG2 cells and *Salmonella typhimurium*.

Aryl Hydrocarbon Receptor Activity of Tryptophan Metabolites in Young Adult Mouse Colonocytes.

Removing selected steroid hormones, biocides and pharmaceuticals from water by means of biogenic manganese oxide nanoparticles *in situ* at ppb levels.

Comparative proteomics of oxidative stress response in three cyanobacterial strains native to Indian paddy fields.

[Fatal course following poisoning with an illegal weight-reducing agent].

Hydroxyl metabolite of PCB 180 induces DNA damage signaling and enhances the DNA damaging effect of benzo[a]pyrene.

Expression of aryl hydrocarbon receptor 1 (AHR1), AHR1 nuclear translocator 1 (ARNT1) and CYP1 family monooxygenase mRNAs and their activity in chicken ovarian follicles following *in vitro* exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Synthesis and phototoxicity of isomeric 7,9-diglutathione pyrrole adducts: Formation of reactive oxygen species and induction of lipid peroxidation.

A microdroplet cell culture based high frequency somatic embryogenesis system for pigeonpea, *Cajanus cajan* (L.) Millsp.

Low-level sodium arsenite induces apoptosis through inhibiting TrxR activity in pancreatic β -cells.

Biotin amelioration of nephrotoxicity in streptozotocin-induced diabetic mice.

Distributions of selected urinary metabolites of volatile organic compounds by age, gender, race/ethnicity, and smoking status in a representative sample of U.S. adults.

Exogenous plant hormones and cyclotide expression in *Viola uliginosa* (Violaceae).

Evaluation of exposure to organophosphate, carbamate, phenoxy acid, and chlorophenol pesticides in pregnant women from 10 Caribbean countries.

Toxicokinetic Model Development for the Insensitive Munitions Component 2,4-Dinitroanisole.

Two persistent organic pollutants which act through different xenosensors (α -endosulfan and 2,3,7,8 tetrachlorodibenzo-p-dioxin) interact in a mixture and downregulate multiple genes involved in human hepatocyte lipid and glucose metabolism.

Aquatic risk assessment of priority and other river basin specific pesticides in surface waters of Mediterranean river basins.

Biochemical and Molecular Alterations Following Arsenic-Induced Oxidative Stress and Mitochondrial Dysfunction in Rat Brain.

Green tea (*Camellia sinensis*) alleviates arsenic-induced damages to DNA and intestinal tissues in rat and in situ intestinal loop by reinforcing antioxidant system.

TCDD and corticosterone on testicular steroidogenesis and antioxidant system of epididymal sperm in rats.

Body Mass Parameters, Lipid Profiles and Protein Contents of Zebrafish Embryos and Effects of 2,4-Dinitrophenol Exposure.

Male and female mice show significant differences in hepatic transcriptomic response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Identification of Microbial Metabolites Elevating Vitamin Contents in Barley Seeds.

Application of liquid chromatography/electrospray ionization tandem mass spectrometry for the elucidation of hydroxyl radical oxidation of metsulfuron methyl and related sulfonylurea pesticide products: evidence for the triazine skeleton scission.

Genetic Deficiency of Glutathione S-Transferase P Increases Myocardial Sensitivity to Ischemia-Reperfusion Injury.

Reproduction of the Medicinal Plant *Pelargonium sidoides* via Somatic Embryogenesis.

The mitochondrial uncoupler DNP triggers brain cell mTOR signaling network reprogramming and CREB pathway up-regulation.

The effects of drugs with immunosuppressive or immunomodulatory activities on xenobiotics-metabolizing enzymes expression in primary human hepatocytes.

The deleterious metabolic and genotoxic effects of the bacterial metabolite p-cresol on colonic epithelial cells.

Correlation of Serum Thyroid Hormones Autoantibodies with Self-Reported Exposure to Thyroid Disruptors in a Group of Nonsegmental Vitiligo Patients.

Rapid kinetics of dehalogenation promoted by iodotyrosine deiodinase from human thyroid.

Simple and sensitive GC/MS-method for the quantification of urinary phenol, o- and m-cresol and ethylphenols as biomarkers of exposure to industrial solvents.

Butafenacil: A positive control for identifying anemia- and variegate porphyria-inducing chemicals.

Metabolomics Reveals that Aryl Hydrocarbon Receptor Activation by Environmental Chemicals Induces Systemic Metabolic Dysfunction in Mice.

Metabolic Effect Level Index Links Multivariate Metabolic Fingerprints to Ecotoxicological Effect Assessment.

Phytoremedial effect of *Withania somnifera* against arsenic-induced testicular toxicity in Charles Foster rats.

Effects of Endocrine-Disrupting Chemicals on the Ovary.

Effect of tocopherol and acetylsalicylic acid on the biochemical indices of blood in dioxin-exposed rats.

A multiplexed assay for determination of neurotoxicant effects on spontaneous network activity and viability from microelectrode arrays.

A bioassay to measure energy metabolism in mouse colonic crypts, organoids, and sorted stem cells.

Analysis of 18 urinary mercapturic acids by two high-throughput multiplex-LC-MS/MS methods.

Analysis of amicarbazone and its two metabolites in grains and soybeans by liquid chromatography with tandem mass spectrometry.

Guanine-based structural coloration as an indicator of oxidative stress in a cichlid fish.

A rapid in vivo zebrafish model to elucidate oxidative stress-mediated PCB126-induced apoptosis and developmental toxicity.

Identification, quantification, spatiotemporal distribution and genetic variation of major latex secondary metabolites in the common dandelion (*Taraxacum officinale* agg.).

Mechanisms of Fatal Cardiotoxicity following High-Dose Cyclophosphamide Therapy and a Method for Its Prevention.

Two-Dimensional Algal Collection and Assembly by Combining AC-Dielectrophoresis with Fluorescence Detection for Contaminant-Induced Oxidative Stress Sensing.

Glucose stimulates neurotensin secretion from the rat small intestine by mechanisms involving SGLT1 and GLUT2, leading to cell depolarization and calcium influx.

Human FMO2-based microbial whole-cell catalysts for drug metabolite synthesis.

Towards microbial fermentation metabolites as markers for health benefits of prebiotics.

Planteose as a storage carbohydrate required for early stage of germination of *Orobancha minor* and its metabolism as a possible target for selective control.

Steroid hormone related effects of marine persistent organic pollutants in human H295R adrenocortical carcinoma cells.

Application of (1)h NMR profiling to assess seed metabolomic diversity. A case study on a soybean era population.

[The Effect of Maternal Exposure to Dioxins on the Level of Thyroid Hormone in Developing Pups].

A new *P. putida* instrumental toxicity bioassay.

Metabolic switching: synergistic induction of carotenogenesis in the aerial microalga, *Vischeria helvetica*, under environmental stress conditions by inhibitors of fatty acid biosynthesis.

Increased brain nitric oxide levels following ethanol administration.

Utility of cell viability assays for use with ex vivo vocal fold epithelial tissue.

Neuropathological effect of dimethyl disulfide on neurons of the desert locust *Schistocerca gregaria*.

±-Naphthoflavone Increases Lipid Accumulation in Mature Adipocytes and Enhances Adipocyte-Stimulated Endothelial Tube Formation.

Sex-related differences in murine hepatic transcriptional and proteomic responses to TCDD.

Role of ALADIN in human adrenocortical cells for oxidative stress response and steroidogenesis.

Use status and metabolism of realgar in Chinese patent medicine.

Triphenyl phosphate-induced developmental toxicity in zebrafish: potential role of the retinoic acid receptor.

Synthesis and biological evaluation of [¹⁴C]AZ12504948; a novel tracer for imaging of glucokinase in pancreas and liver.

Human inhalation exposures to toluene, ethylbenzene, and m-xylene and physiologically based pharmacokinetic modeling of exposure biomarkers in exhaled air, blood, and urine.

Regulation of human hepatic drug transporter activity and expression by diesel exhaust particle extract.

Comparative transcriptome analysis reveals carbohydrate and lipid metabolism blocks in *Brassica napus* L. male sterility induced by the chemical hybridization agent monosulfuron ester sodium.

Alcohol induced alterations to the human fecal VOC metabolome.

Inflammation and pyroptosis mediate muscle expansion in an interleukin-1² (IL-1²)-dependent manner.

[Influence of abscisic acid and fluridone on the content of phytohormones and polyamines and the level of oxidative stress in plants of *Mesembryanthemum crystallinum* L. under salinity].

Contraction of gut smooth muscle cells assessed by fluorescence imaging.

Comparison of the in vitro effects of TCDD, PCB 126 and PCB 153 on thyroid-restricted gene expression and thyroid hormone secretion by the chicken thyroid gland.

Abscisic acid (ABA) regulates grape bud dormancy, and dormancy release stimuli may act through modification of ABA metabolism.

Identification of 2-aminothiazolobenzazepine metabolites in human, rat, dog, and monkey microsomes by ion-molecule reactions in linear quadrupole ion trap mass spectrometry.

Lipotubuloids in ovary epidermis of *Ornithogalum umbellatum* act as metabolons: suggestion of the name 'lipotubuloid metabolon'.

Longitudinal assessment of occupational exposures to the organophosphorous insecticides chlorpyrifos and profenofos in Egyptian cotton field workers.

Hypoxia-induced localization of chemotaxis-related signaling proteins in *Vibrio cholerae*.

The toxicity of sediments from Taihu Lake evaluated by several in vitro bioassays.

Production of anti-cancer triterpene (betulinic acid) from callus cultures of different *Ocimum* species and its elicitation.

The effects of dietary boron compounds in supplemented diet on hormonal activity and some biochemical parameters in rats.

The aryl hydrocarbon receptor: a review of its role in the physiology and pathology of the integument and its relationship to the tryptophan metabolism.

Nitric oxide production and sequestration in the sinus gland of the green shore crab *Carcinus maenas*.

Quantitative proteomics and transcriptomics reveal key metabolic processes associated with cotton fiber initiation.

Dinitrophenol modulates gene expression levels of angiogenic, cell survival and cardiomyogenic factors in bone marrow derived mesenchymal stem cells.

Pollutants in pet dogs: a model for environmental links to breast cancer.

Risk assessment based prioritization of 200 organic micropollutants in 4 Iberian rivers.

Metabolomic pattern analysis after mediterranean diet intervention in a nondiabetic population: a 1- and 3-year follow-up in the PREDIMED study.

[The Relationship of Obesity to the Character of Nutrition].

The Role of the Metabolism of Anticancer Drugs in Their Induced-Cardiotoxicity.

Glu504Lys Single Nucleotide Polymorphism of Aldehyde Dehydrogenase 2 Gene and the Risk of Human Diseases.

Applications of Metabonomics in Pesticide Toxicology.

Cyclic Adenosine Monophosphate-Mediated Enhancement of Vascular Endothelial Growth Factor Released by Differentiated Human Monocytic Cells: The Role of Protein Kinase A.

Autotetraploid plant regeneration by indirect somatic embryogenesis from leaf mesophyll protoplasts of diploid *Gentiana decumbens* L.f.

Molecular biology of the stress response in the early embryo and its stem cells.

Plant growth hormones suppress the development of *Harpophora maydis*, the cause of late wilt in maize.

Listeria monocytogenes batch culture growth response to metabolic inhibitors.

Oxidative stress in COPD: molecular background and clinical monitoring.

Association between maternal urinary arsenic species and infant cord blood leptin levels in a New Hampshire Pregnancy Cohort.

Human fetal ventricular cardiomyocyte, RL-14 cell line, is a promising model to study drug metabolizing enzymes and their associated arachidonic acid metabolites.

Chronic exposure to low-dose arsenic modulates lipogenic gene expression in mice.

Repositioning of 2,4-dichlorophenoxy acetic acid as a potential anti-inflammatory agent: in silico and pharmaceutical formulation study.

Short-term oral atrazine exposure alters the plasma metabolome of male C57BL/6 mice and disrupts $\hat{\pm}$ -linolenate, tryptophan, tyrosine and other major metabolic pathways.

Diet with diphenyl diselenide mitigates quinclorac toxicity in silver catfish (*Rhamdia quelen*).

Acute systemic accumulation of acrolein in mice by inhalation at a concentration similar to that in cigarette smoke.

Effects of atrazine in fish, amphibians, and reptiles: an analysis based on quantitative weight of evidence.

Transcriptional changes induced by in vivo exposure to pentachlorophenol (PCP) in *Chironomus riparius* (Diptera) aquatic larvae.

Proteome-wide light/dark modulation of thiol oxidation in cyanobacteria revealed by quantitative site-specific redox proteomics.

Agent Orange exposure and cancer incidence in Korean Vietnam veterans: a prospective cohort study.

The roles of the shikimate pathway genes, *aroA* and *aroB*, in virulence, growth and UV tolerance of *Burkholderia glumae* strain 411gr-6.

Unraveling the toxicity mechanisms of the herbicide diclofop-methyl in rice: modulation of the activity of key enzymes involved in citrate metabolism and induction of cell membrane anion channels.

Perturbed porphyrin biosynthesis contributes to differential herbicidal symptoms in photodynamically stressed rice (*Oryza sativa*) treated with 5-aminolevulinic acid and oxyfluorfen.

Various effects of the photosystem II--inhibiting herbicides on 5-n-alkylresorcinol accumulation in rye seedlings.

Gene expression profiles of *Arabidopsis* under the stress of methyl viologen: a microarray analysis.

Carcinogenicity of metamifop, a novel herbicide, in Wistar rats following oral administration for 104 weeks.

Metabolic and behavior changes in surubim acutely exposed to a glyphosate-based herbicide.

Soil surface colonization by phototrophic indigenous organisms, in two contrasted soils treated by formulated maize herbicide mixtures.

Characterization of nuclear receptor-mediated murine hepatocarcinogenesis of the herbicide pronamide and its human relevance.

Guarana (*Paullinia cupana* Mart.) prevents β -amyloid aggregation, generation of advanced glycation-end products (AGEs), and acrolein-induced cytotoxicity on human neuronal-like cells.

Agrichemicals chronically inhibit the cortisol response to stress in fish.

Oxidative stress response induced by atrazine in *Palaemonetes argentinus*: the protective effect of vitamin E.

An unusual case of non-fatal poisoning due to herbicide 4-chloro-2-methyl phenoxyacetic acid (MCPA).

Prediction of paraquat exposure and toxicity in clinically ill poisoned patients: a model based approach.

Butachlor causes disruption of HPG and HPT axes in adult female rare minnow (*Gobiocypris rarus*).

De novo transcriptome assembly for rudimentary leaves in *Litchi chinensis* Sonn. and identification of differentially expressed genes in response to reactive oxygen species.

Alterations in energy/redox metabolism induced by mitochondrial and environmental toxins: a specific role for glucose-6-phosphate-dehydrogenase and the pentose phosphate pathway in paraquat toxicity.

Reductive detoxification of acrolein as a potential role for aldehyde reductase (AKR1A) in mammals.

Erythema multiforme-like eruption following acute allergic contact dermatitis after exposure to the emulsified herbicide acetochlor.

Alteration of plant physiology by glyphosate and its by-product aminomethylphosphonic acid: an overview.

Atrazine reduces reproduction in Japanese medaka (*Oryzias latipes*).

Antioxidant and neurotoxicity markers in the model organism *Enchytraeus albidus* (Oligochaeta): mechanisms of response to atrazine, dimethoate and carbendazim.

Effects of glyphosate-based herbicides on survival, development, growth and sex ratios of wood frog (*Lithobates sylvaticus*) tadpoles. II: agriculturally relevant exposures to Roundup WeatherMax[®] and Vision[®] under laboratory conditions.

Effects of glyphosate-based herbicides on survival, development, growth and sex ratios of wood frogs (*Lithobates sylvaticus*) tadpoles. I: chronic laboratory exposures to VisionMax[®].

Earthworm tolerance to residual agricultural pesticide contamination: field and experimental assessment of detoxification capabilities.

[Cloning of full-length cDNA of HMGR from *Gobiocypris rarus* and analysis of its expression profiles in male exposed to pentachlorophenol].

Toxicity endpoint selections for a simazine risk assessment.

Cytotoxic effects of pentachlorophenol (PCP) and its metabolite tetrachlorohydroquinone (TCHQ) on liver cells are modulated by antioxidants.

A quantitative HPLC-MS/MS method for studying internal concentrations and toxicokinetics of 34 polar analytes in zebrafish (*Danio rerio*) embryos.

Methyl viologen responsive proteome dynamics of *Anabaena* sp. strain PCC7120.

Agent Orange exposure and disease prevalence in Korean Vietnam veterans: the Korean veterans health study.

Novel molecular events associated with altered steroidogenesis induced by exposure to atrazine in the intact and castrate male rat.

Effects of glyphosate on egg incubation, larvae hatching, and ovarian rematuration in the estuarine crab *Neohelice granulata*.

Prenatal exposure to low doses of atrazine affects mating behaviors in male guppies.

Effects of Sublethal Exposure to a Glyphosate-Based Herbicide Formulation on Metabolic Activities of Different Xenobiotic-Metabolizing Enzymes in Rats.

Mechanisms underlying the neurotoxicity induced by glyphosate-based herbicide in immature rat hippocampus: involvement of glutamate excitotoxicity.

The effect of atrazine administered by gavage or in diet on the LH surge and reproductive performance in intact female Sprague-Dawley and Long Evans rats.

Developmental toxicity studies with atrazine and its major metabolites in rats and rabbits.

Atrazine contamination at the watershed scale and environmental factors affecting sampling rates of the polar organic chemical integrative sampler (POCIS).

Pentachlorophenol exposure causes Warburg-like effects in zebrafish embryos at gastrulation stage.

Effects of glyphosate on growth rate, metabolic rate and energy reserves of early juvenile crayfish, *Cherax quadricarinatus* M.

Hydrolysis reaction mechanism in atrazine metabolism and prediction of its metabolites' toxicities.

Age-dependent dopaminergic dysfunction following fetal exposure to atrazine in SD rats.

The effect of glyphosate, its metabolites and impurities on erythrocyte acetylcholinesterase activity.

Diuron-induced rat urinary bladder carcinogenesis: mode of action and human relevance evaluations using the International Programme on Chemical Safety framework.

Chaetoglobosins from *Chaetomium globosum*, an endophytic fungus in *Ginkgo biloba*, and their phytotoxic and cytotoxic activities.

Toxic effects of atrazine on reproductive system of male rats.

Identification of metabolites of propyrisulfuron in rats.

Herbicide clomazone effects on $\hat{\gamma}$ -aminolevulinic acid activity and metabolic parameters in *Cyprinus carpio*.

A unique co-culture model for fundamental and applied studies of human fetoplacental steroidogenesis and interference by environmental chemicals.

Toxicological properties of the thiolated inorganic arsenic and arsenosugar metabolite thio-dimethylarsinic acid in human bladder cells.

Does area deprivation modify the association between exposure to a nitrate and low-dose atrazine metabolite mixture in drinking water and small for gestational age? A historic cohort study.

Chronic exposure of mice to environmental endocrine-disrupting chemicals disturbs their energy metabolism.

The long-term effects of the herbicide atrazine on the dopaminergic system following exposure during pubertal development.

Chlorotriazines do not activate the aryl hydrocarbon receptor, the oestrogen receptor or the thyroid receptor in in vitro assays.

Exposure of mice to atrazine and its metabolite diaminochlorotriazine elicits oxidative stress and endocrine disruption.

Dietary administration of paraquat for 13 weeks does not result in a loss of dopaminergic neurons in the substantia nigra of C57BL/6J mice.

Herbicides induce change in metabolic and genetic diversity of bacterial community from a cold oligotrophic lake.

Genes for iron-sulphur cluster assembly are targets of abiotic stress in rice, *Oryza sativa*.

Degeneration modulates retinal response to transient exogenous oxidative injury.

Exposure to atrazine during gestation and lactation periods: toxicity effects on dopaminergic neurons in offspring by downregulation of Nurr1 and VMAT2.

The effect of metabolites and impurities of glyphosate on human erythrocytes (in vitro).

Genotoxic and biochemical effects of atrazine and Roundup(®), alone and in combination, on the Asian clam *Corbicula fluminea*.

Cellular impact of combinations of endosulfan, atrazine, and chlorpyrifos on human primary hepatocytes and HepaRG cells after short and chronic exposures.

Persistent organic pollutants and diabetes: a review of the epidemiological evidence.

Genotoxicity assessment of some cosmetic and food additives.

Longevity effect of IGF-1R(+/-) mutation depends on genetic background-specific receptor activation.

[Protective effect and mechanisms of pituitrin on acute paraquat-induced lung injury in rats].

Rotenone and paraquat perturb dopamine metabolism: A computational analysis of pesticide toxicity.

Acrolein, a highly toxic aldehyde generated under oxidative stress in vivo, aggravates the mouse liver damage after acetaminophen overdose.

The effect of subchronic metribuzin exposure to signal crayfish (*Pacifastacus leniusculus* Dana 1852).

Effects of the exposure of fish to triazine herbicides.

Evaluation of metabolic enzymes in response to Excel Mera 71, a glyphosate-based herbicide, and recovery pattern in freshwater teleostean fishes.

Engineering the metabolism of the phenylurea herbicide chlortoluron in genetically modified *Arabidopsis thaliana* plants expressing the mammalian cytochrome P450 enzyme CYP1A2.

Effect of chronic exposure to prometryne on oxidative stress and antioxidant response in red swamp crayfish (*Procambarus clarkii*).

Evaluating the degradation of the herbicides picloram and 2,4-D in a compartmentalized reactive biobarrier with internal liquid recirculation.

Environmental fate and toxicology of clomazone.

Preface. Endocrine disrupters.

Clinical characteristics of patients after dicamba herbicide ingestion.

Chronic exposure to pentachlorophenol alters thyroid hormones and thyroid hormone pathway mRNAs in zebrafish.

High cortisol and cortisone levels are associated with breast milk dioxin concentrations in Vietnamese women.

Pesticide tolerant *Azotobacter* isolates from paddy growing areas of northern Karnataka, India.

Acetohydroxyacid synthase: a target for antimicrobial drug discovery.

Consensus diagnoses and mode of action for the formation of gastric tumors in rats treated with the chloroacetanilide herbicides alachlor and butachlor.

Catalase inhibition in diabetic rats potentiates DNA damage and apoptotic cell death setting the stage for cardiomyopathy.

Arsenic methylation capacity and obesity are associated with insulin resistance in obese children and adolescents.

Agent Orange exposure and risk of death in Korean Vietnam veterans: Korean Veterans Health Study.

Is science public health's BFF?

Metabolism of arsenic trioxide in acute promyelocytic leukemia cells.

XRCC1 Arg194Trp and Arg399Gln polymorphisms and arsenic methylation capacity are associated with urothelial carcinoma.

Acrolein exposure is associated with increased cardiovascular disease risk.

Interaction of plasma glutathione redox and folate deficiency on arsenic methylation capacity in Bangladeshi adults.

Localized changes to glycogen synthase kinase-3 and collapsin response mediator protein-2 in the Huntington's disease affected brain.

Differences of urinary arsenic metabolites and methylation capacity between individuals with and without skin lesions in Inner Mongolia, Northern China.

Suppression of sulfoconjugation reduces the protective effect of ortho-aminoazotoluene on hepatocarcinogenesis induced by diethylnitrosamine in mice.

Cytotoxicity of PVPAC-treated bovine pericardium: a potential replacement for glutaraldehyde in biological heart valves.

wALADin benzimidazoles differentially modulate the function of porphobilinogen synthase orthologs.

Cinnamon extract improves insulin sensitivity in the brain and lowers liver fat in mouse models of obesity.

The pentachlorophenol metabolite tetrachlorohydroquinone induces massive ROS and prolonged p-ERK expression in splenocytes, leading to inhibition of apoptosis and necrotic cell death.

Prenatal exposure to organophosphate pesticides and neurobehavioral development of neonates: a birth cohort study in Shenyang, China.

Potential ecological roles of artemisinin produced by *Artemisia annua* L.

Effect of lung fibrosis on glycogen content in different extrapulmonary tissues.

Cinnamaldehyde/chemotherapeutic agents interaction and drug-metabolizing genes in colorectal cancer.

Synthesis, characterization, and preclinical evaluation of new thiazolidin-4-ones substituted with p-chlorophenoxy acetic acid and clofibrac acid against insulin resistance and metabolic disorder.

Rhizobium leguminosarum bv. *viciae* 3841 Adapts to 2,4-Dichlorophenoxyacetic Acid with "Auxin-Like" Morphological Changes, Cell Envelope Remodeling and Upregulation of Central Metabolic Pathways.

Large-scale functional analysis of the roles of phosphorylation in yeast metabolic pathways.

Urinary biomarkers of exposure to insecticides, herbicides, and one insect repellent among pregnant women in Puerto Rico.

Integrated electrochemical biosensor based on algal metabolism for water toxicity analysis.

Metabolism-based herbicide resistance and cross-resistance in crop weeds: a threat to herbicide sustainability and global crop production.

Dual function of the cytochrome P450 CYP76 family from *Arabidopsis thaliana* in the metabolism of monoterpenols and phenylurea herbicides.

Biodegradation of sulfosulphuron in agricultural soil by *Trichoderma* sp.

Metabolites from thermophilic bacteria I: N-propionylanthranilic acid, a co-metabolite of the bacillamide class antibiotics and tryptophan metabolites with herbicidal activity from *Laceyella sacchari*.

Effect of fungal and plant metabolites on broomrapes (*Orobanche* and *Phelipanche* spp.) seed germination and radicle growth.

Urinary metabolomics revealed arsenic internal dose-related metabolic alterations: a proof-of-concept study in a Chinese male cohort.

Enantioselective metabolism of the chiral herbicide diclofop-methyl and diclofop by HPLC in loach (*Misgurnus anguillicaudatus*) liver microsomes in vitro.

A simple method for routine monitoring of glyphosate and its main metabolite in surface waters using lyophilization and LC-FLD+MS/MS. Case study: canals with influence on Biscayne National Park.

Hypericin biosynthesis in *Hypericum hookerianum* Wight and Arn: investigation on biochemical pathways using metabolite inhibitors and suppression subtractive hybridization.

Human plasma concentrations of herbicidal carbamate molinate extrapolated from the pharmacokinetics established in in vivo experiments with chimeric mice with humanized liver and physiologically based pharmacokinetic modeling.

Determination and study on dissipation and residue determination of cyhalofop-butyl and its metabolite using HPLC-MS/MS in a rice ecosystem.

Metabolism of propyrisulfuron: ¹⁴C excretion, ¹⁴C concentration in plasma and tissues, and amount of metabolites in rats.

Centrally formed acetaldehyde mediates ethanol-induced brain PKA activation.

Phytotoxic and antibacterial metabolites from *Fusarium proliferatum* ZS07 isolated from the gut of long-horned grasshoppers.

Integrated metabolic flux and omics analysis of *Synechocystis* sp. PCC 6803 under mixotrophic and photoheterotrophic conditions.

An efficient in vitro system for somatic embryogenesis and podophyllotoxin production in *Podophyllum hexandrum* Royle.

A derivatization and validation strategy for determining the spatial localization of endogenous amine metabolites in tissues using MALDI imaging mass spectrometry.

Trivalent methylated arsenic metabolites induce apoptosis in human myeloid leukemic HL-60 cells through generation of reactive oxygen species.

Sorption of polar herbicides and herbicide metabolites by biochar-amended soil.

Novel bioassay for the discovery of inhibitors of the 2-C-methyl-D-erythritol 4-phosphate (MEP) and terpenoid pathways leading to carotenoid biosynthesis.

Ultrasound-assisted extraction with LC-TOF/MS identification and LC-UV determination of imazamox and its metabolites in leaves of wheat plants.

Metabolism and physiologically based pharmacokinetic modeling of flumioxazin in pregnant animals.

Evaluation of urinary speciated arsenic in NHANES: issues in interpretation in the context of potential inorganic arsenic exposure.

Effects of atrazine and chlorpyrifos on cytochrome P450 in common carp liver.

[Determination of three exogenous plant hormone residues in bean sprout by high performance liquid chromatography-quadrupole-time of flight mass spectrometry].

[The molecular mechanism of interaction of trivalent dimethylarsinous acid (DMA(III)) binding to rat hemoglobin].

Metabolic responses in root nodules of *Phaseolus vulgaris* and *Vicia sativa* exposed to the imazamox herbicide.

Recharging mitochondrial batteries in old eyes. Near infra-red increases ATP.

Micropropagation of *Dalbergia sissoo* Roxb. through tissue culture technique.

Why don't plants have diabetes? Systems for scavenging reactive carbonyls in photosynthetic organisms.

Regulation of anthocyanin biosynthesis in *Arabidopsis thaliana* red pap1-D cells metabolically programmed by auxins.

The dormancy-breaking stimuli "chilling, hypoxia and cyanamide exposure" up-regulate the expression of α -amylase genes in grapevine buds.

Triacylglycerol accumulation and oxidative stress in *Rhodococcus* species: differential effects of pro-oxidants on lipid metabolism.

Effect of various growth hormone concentration and combination on callus induction, nature of callus and callogenic response of *Nerium odorum*.

Metolachlor metabolite (MESA) reveals agricultural nitrate-N fate and transport in Choptank River watershed.

Pesticide exposures to migrant farmworkers in Eastern NC: detection of metabolites in farmworker urine associated with housing violations and camp characteristics.

Compositional analysis of grain and forage from MON 87427, an inducible male sterile and tissue selective glyphosate-tolerant maize product for hybrid seed production.

Studies on the anoxic dissipation and metabolism of pyribambenz propyl (ZJ0273) in soils using position-specific radiolabeling.

Metabolic pathway elucidation towards time- and dose-dependent electrophoretic screening of stable oxidative phenolic compounds.

Environmental determinants of the urinary concentrations of herbicides during pregnancy: the PELAGIE mother-child cohort (France).

Biodegradation of atrazine by *Rhodococcus* sp. BCH2 to N-isopropylammelide with subsequent assessment of toxicity of biodegraded metabolites.

In-silico analysis and expression profiling implicate diverse role of EPSPS family genes in regulating developmental and metabolic processes.

Acrolein modification impairs key functional features of rat apolipoprotein E: identification of modified sites by mass spectrometry.

New competitive dendrimer-based and highly selective immunosensor for determination of atrazine in environmental, feed and food samples: the importance of antibody selectivity for discrimination among related triazinic metabolites.

Organophosphate pesticide exposure and dialkyl phosphate urinary metabolites among chili farmers in northeastern Thailand.

Sorption-desorption of indaziflam and its three metabolites in sandy soils.

Determination of herbicides and its metabolite in soil and water samples by capillary electrophoresis-laser induced fluorescence detection using microwave-assisted derivatization.

Disposition of atrazine metabolites following uptake and degradation of atrazine in switchgrass.

Dietary essential oils improve the hepatic antioxidative status of broiler chickens.

Qualitative/quantitative strategy for the determination of glufosinate and metabolites in plants.

Metabolic fate of the (14)C-labeled herbicide clodinafop-propargyl in soil.

Molecular mechanisms of herbicide-inducible gene expression of tobacco CYP71AH11 metabolizing the herbicide chlorotoluron.

The factors influencing urinary arsenic excretion and metabolism of workers in steel and iron smelting foundry.

p-Cresol affects reactive oxygen species generation, cell cycle arrest, cytotoxicity and inflammation/atherosclerosis-related modulators production in endothelial cells and mononuclear cells.

Herbimycin A inhibits cell growth with reversal of epithelial-mesenchymal transition in anaplastic thyroid carcinoma cells.

Human CYP2E1-dependent and human sulfotransferase 1A1-modulated induction of micronuclei by benzene and its hydroxylated metabolites in Chinese hamster V79-derived cells.

Endocrine disruptive compounds and cardio-metabolic risk factors in children.

An efficient in vitro process for cyclic clonal production of shoots from adult tree of *Cassia alata* L. and evaluation of genetic stability using DNA-based markers.

Genetic deletion of LXR β prevents arsenic-enhanced atherosclerosis, but not arsenic-altered plaque composition.

Net survival after exposure to polychlorinated biphenyls and dioxins: the Yusho study.

Antagonism of ionotropic glutamate receptors attenuates chemical ischemia-induced injury in rat primary cultured myenteric ganglia.

Global metabolomic profiling of acute myocarditis caused by *Trypanosoma cruzi* infection.

Mannitol-induced drought stress on calli of *Trigonella foenum-graecum* L. Var. RMT-303.

The role of nitrotyrosine in tyrosine pathway disorders.

Dynamic changes in metabolic profiles of rats subchronically exposed to mequindox.

Arabidopsis ENHANCED DISEASE SUSCEPTIBILITY1 promotes systemic acquired resistance via azelaic acid and its precursor 9-oxo-nonanoic acid.

Effect of mitochondrial metabolism-interfering agents on cancer cell mitochondrial function and radio/chemosensitivity.

Low brain iron effects and reversibility on striatal dopamine dynamics.

Dioxin-induced fetal growth retardation: the role of a preceding attenuation in the circulating level of glucocorticoid.

Impact of agriculture on the selection of insecticide resistance in the malaria vector *Anopheles gambiae*: a multigenerational study in controlled conditions.

Increased tolerance of *Anopheles gambiae* s.s. to chemical insecticides after exposure to agrochemical mixture.

Metformin suppresses CYP1A1 and CYP1B1 expression in breast cancer cells by down-regulating aryl hydrocarbon receptor expression.

Mitochondrial uncoupling as a regulator of life-history trajectories in birds: an experimental study in the zebra finch.

Association of urinary phenols with increased body weight measures and obesity in children and adolescents.

Commentary on nephropathy and longitudinal studies of diabetes, and dioxins, furans, and dioxin-like PCBs.

Metabolites related to gut bacterial metabolism, peroxisome proliferator-activated receptor- α activation, and insulin sensitivity are associated with physical function in functionally-limited older adults.

An integrative risk assessment approach for persistent chemicals: a case study on dioxins, furans and dioxin-like PCBs in France.

A mouse strain less responsive to dioxin-induced prostaglandin E2 synthesis is resistant to the onset of neonatal hydronephrosis.

Nitric oxide as a target for the hypotensive and vasorelaxing effects induced by (Z)-ethyl 12-nitrooxy-octadec-9-enoate in rats.

Monitoring chlorinated persistent organic pollutants in adolescents in Flanders (Belgium): concentrations, trends and dose-effect relationships (FLEHS II).

Burn after feeding. An old uncoupler of oxidative phosphorylation is redesigned for the treatment of nonalcoholic fatty liver disease.

Defining molecular sensors to assess long-term effects of pesticides on carcinogenesis.

Targeting mitochondria-derived reactive oxygen species to reduce epithelial barrier dysfunction and colitis.

Radiosynthesis, photoisomerization, biodistribution, and metabolite analysis of ¹¹C-PBB3 as a clinically useful PET probe for imaging of tau pathology.

Inhibition of human drug-metabolising cytochrome P450 and UDP-glucuronosyltransferase enzyme activities in vitro by uremic toxins.

Diet pills and the cataract outbreak of 1935: reflections on the evolution of consumer protection legislation.

Pesticide use and incident diabetes among wives of farmers in the Agricultural Health Study.

Estimated infant intake of persistent organic pollutants through breast milk in New Zealand.

Toxicological profile of ultrapure 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180) in adult rats.

Gestational and lactational exposure to the polychlorinated biphenyl mixture Aroclor 1254 modulates retinoid homeostasis in rat offspring.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on hormones of energy balance in a TCDD-sensitive and a TCDD-resistant rat strain.

Clinical and etiological heterogeneity in patients with tracheo-esophageal malformations and associated anomalies.

Sodium arsenite induces ROS-dependent autophagic cell death in pancreatic β^2 -cells.

Morphine glucuronidation increases its analgesic effect in guinea pigs.

Androgen receptor signaling in hepatocellular carcinoma and pancreatic cancers.

Pesticide methoxychlor promotes the epigenetic transgenerational inheritance of adult-onset disease through the female germline.

The association of uremic toxins and inflammation in hemodialysis patients.

Novel benzoxazine-based aglycones block glucose uptake in vivo by inhibiting glycosidases.

Aryl hydrocarbon receptor catabolic activity in bone metabolism is osteoclast dependent in vivo.

The chemical uncoupler 2,4-dinitrophenol (DNP) protects against diet-induced obesity and improves energy homeostasis in mice at thermoneutrality.

Interplay between Dioxin-mediated signaling and circadian clock: a possible determinant in metabolic homeostasis.

KML001 inhibits cell proliferation and invasion in pancreatic cancer cells through suppression of NF- κ B and VEGF-C.

Role of the autonomic nervous system and baroreflex in stress-evoked cardiovascular responses in rats.

Marginally excessive iron loading transiently blocks mucosal iron uptake in iron-deficient rats.

Dioxins, furans and dioxin-like PCBs in human blood: causes or consequences of diabetic nephropathy?

Postnatal development of eupneic ventilation and metabolism in rats chronically exposed to moderate hyperoxia.

Metabolites of tobacco smoking and colorectal cancer risk.

Obstetric and neonatal outcomes of maternal vitamin D supplementation: results of an open-label, randomized controlled trial of antenatal vitamin D supplementation in Pakistani women.

Mitochondrial dysfunction promotes and aggravates the inflammatory response in normal human synoviocytes.

Uremic toxins impair human bone marrow-derived mesenchymal stem cells functionality in vitro.

Production of the anti-inflammatory compound 6-O-palmitoyl-3-O- β -D-glucopyranosylcampesterol by Callus cultures of *Lopezia racemosa* Cav. (Onagraceae).

Cardiovascular disease relates to intestinal uptake of p-cresol in patients with chronic kidney disease.

Relationship between urine dichlorophenol levels and asthma morbidity.

Effects of acute dietary iron overload in pigs (*Sus scrofa*) with induced type 2 diabetes mellitus.

The metabolically healthy but obese phenotype is associated with lower plasma levels of persistent organic pollutants as compared to the metabolically abnormal obese phenotype.

Determinants of cognitive performance in children relying on cyanogenic cassava as staple food.

The cytochrome c oxidase and its mitochondrial function in the whiteleg shrimp *Litopenaeus vannamei* during hypoxia.

Elevated protein carbonyl and HIF-1 α levels in eyes with proliferative diabetic retinopathy.

Heritability and clinical determinants of serum indoxyl sulfate and p-cresyl sulfate, candidate biomarkers of the human microbiome enterotype.

Association of dioxin and other persistent organic pollutants (POPs) with diabetes: epidemiological evidence and new mechanisms of beta cell dysfunction.

Tetrachlorobenzoquinone induces acute liver injury, up-regulates HO-1 and NQO1 expression in mice model: the protective role of chlorogenic acid.

Protein-bound uremic toxins, inflammation and oxidative stress: a cross-sectional study in stage 3-4 chronic kidney disease.

Effects of the continuous intake of a milk drink containing *Lactobacillus casei* strain Shirota on abdominal symptoms, fecal microbiota, and metabolites in gastrectomized subjects.

Interaction between arsenic exposure from drinking water and genetic susceptibility in carotid intima-media thickness in Bangladesh.

Cisplatin plus sodium arsenite and hyperthermia induces pseudo-G1 associated apoptotic cell death in ovarian cancer cells.

The thiocarbamate disulphide drug, disulfiram induces osteopenia in rats by inhibition of osteoblast function due to suppression of acetaldehyde dehydrogenase activity.

Fruit and vegetable intake, as reflected by serum carotenoid concentrations, predicts reduced probability of polychlorinated biphenyl-associated risk for type 2 diabetes: National Health and Nutrition Examination Survey 2003-2004.

A single inhibitory upstream open reading frame (uORF) is sufficient to regulate *Candida albicans* GCN4 translation in response to amino acid starvation conditions.

The emerging role of Nrf2 in dermatotoxicology.

Activation of Nrf2 in keratinocytes causes chloracne (MADISH)-like skin disease in mice.

Alcohol-induced autophagy contributes to loss in skeletal muscle mass.

Homoisoflavanone prevents mast cell activation and allergic responses by inhibition of Syk signaling pathway.

Alcohol oxidizing enzymes and ethanol-induced cytotoxicity in rat pancreatic acinar AR42J cells.

The gut microbiome, kidney disease, and targeted interventions.

The aryl hydrocarbon receptor-activating effect of uremic toxins from tryptophan metabolism: a new concept to understand cardiovascular complications of chronic kidney disease.

Metabonomic analysis of quercetin against the toxicity of chronic exposure to low-level dichlorvos in rats via ultra-performance liquid chromatography-mass spectrometry.

In utero exposure to compounds with dioxin-like activity and birth outcomes.

Effect of uremic serum and uremic toxins on drug metabolism in human microsomes.

Urinary concentrations of dichlorophenol pesticides and obesity among adult participants in the U.S. National Health and Nutrition Examination Survey (NHANES) 2005-2008.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin modulates dysregulation of the lipid metabolism in mouse offspring fed a high-calorie diet.

Benzimidazoisoquinolines: a new class of rapidly metabolized aryl hydrocarbon receptor (AhR) ligands that induce AhR-dependent Tregs and prevent murine graft-versus-host disease.

Predominant role of cytosolic phospholipase A₂± in dioxin-induced neonatal hydronephrosis in mice.

Expression of Eya1 and Six1 is decreased in distal airways of rats with experimental pulmonary hypoplasia.

VEGF receptor expression decreases during lung development in congenital diaphragmatic hernia induced by nitrofen.

Micronuclei in cord blood lymphocytes and associations with biomarkers of exposure to carcinogens and hormonally active factors, gene polymorphisms, and gene expression: the NewGeneris cohort.

Exploration of novel predictive markers in rat plasma of the early stages of chronic renal failure.

Methylarsonous acid causes oxidative DNA damage in cells independent of the ability to biomethylate inorganic arsenic.

Pulmonary FGF9 gene expression is downregulated during the pseudoglandular stage in nitrofen-induced hypoplastic lungs.

The aryl hydrocarbon receptor mediates raloxifene-induced apoptosis in estrogen receptor-negative hepatoma and breast cancer cells.

Effects of intestinal bacteria-derived p-cresyl sulfate on Th1-type immune response in vivo and in vitro.

Mitochondrial dysfunction, oxidative stress, and neurodegeneration elicited by a bacterial metabolite in a *C. elegans* Parkinson's model.

Plastid-bearing sea slugs fix CO₂ in the light but do not require photosynthesis to survive.

CYP1B1: a unique gene with unique characteristics.

Sodium meta-arsenite ameliorates hyperglycemia in obese diabetic db/db mice by inhibition of hepatic gluconeogenesis.

Chemopreventive activity of turmeric essential oil and possible mechanisms of action.

What would you like to eat, Mr CKD Microbiota? A Mediterranean Diet, please!

Effect of dietary supplementation of (-)-epigallocatechin gallate on gut microbiota and biomarkers of colonic fermentation in rats.

[Role of the critical period in sex and brain differentiation: learning from dioxin-induced disorders in next generations].

Expansion of urease- and uricase-containing, indole- and p-cresol-forming and contraction of short-chain fatty acid-producing intestinal microbiota in ESRD.

In utero and lactational exposure to a mixture of environmental contaminants detected in Canadian Arctic human populations alters retinoid levels in rat offspring with low margins of exposure.

Gene-environment interactions in male reproductive health: special reference to the aryl hydrocarbon receptor signaling pathway.

Micronucleus frequency in copper-mine workers exposed to arsenic is modulated by the AS3MT Met287Thr polymorphism.

Ultrahigh resolution mass spectrometry-based metabolic characterization reveals cerebellum as a disturbed region in two animal models.

Maternal exposure to dioxin imprints sexual immaturity of the pups through fixing the status of the reduced expression of hypothalamic gonadotropin-releasing hormone.

Lack of nrf2 results in progression of proliferative lesions to neoplasms induced by long-term exposure to non-genotoxic hepatocarcinogens involving oxidative stress.

The toxic chemistry of methyl bromide.

Mutation spectra of Kras and Tp53 in urethral and lung neoplasms in B6C3F1 mice treated with 3,3',4,4'-tetrachloroazobenzene.

Metabolomics differentiation of canola genotypes: toward an understanding of canola allelochemicals.

Ligand binding and functional selectivity of L-tryptophan metabolites at the mouse aryl hydrocarbon receptor (mAHR).

A novel magnetic ionic liquid modified carbon nanotube for the simultaneous determination of aryloxyphenoxy-propionate herbicides and their metabolites in water.

In vitro propagation and analysis of secondary metabolites in *Glossogyne tenuifolia* (Hsiang-Ju) - a medicinal plant native to Taiwan.

Low concentration of a dioxin (2, 3, 7, 8 TCDD) affects the glycosidases and Acid phosphatase activity in mice hepatocytes.

Early-life Exposure to Endocrine Disrupting Chemicals and Later-life Health Outcomes: An Epigenetic Bridge?

[Medication use during the first trimester of pregnancy: drug safety and adoption of folic acid and ferrous sulphate].

Endocrine disruption in human placenta: expression of the dioxin-inducible enzyme, CYP1A1, is correlated with that of thyroid hormone-regulated genes.

Glufosinate binds N-methyl-D-aspartate receptors and increases neuronal network activity in vitro.

4-methylphenol produced in freshwater sediment microcosms is not a bisphenol A metabolite.

Inhibition of ROS production through mitochondria-targeted antioxidant and mitochondrial uncoupling increases post-thaw sperm viability in yellow catfish.

Chronic mitochondrial uncoupling treatment prevents acute cold-induced oxidative stress in birds.

Transcriptional responses and embryotoxic effects induced by pyrene and methylpyrene in Japanese medaka (*Oryzias latipes*) early life stages exposed to spiked sediments.

Liquid chromatography combined with atomic and molecular mass spectrometry for speciation of arsenic in chicken liver.

Metabolic pathway for degradation of 2-chloro-4-aminophenol by *Arthrobacter* sp. SPG.

2,3,4,7,8-Pentachlorodibenzofuran is far less potent than 2,3,7,8-tetrachlorodibenzo-p-dioxin in disrupting the pituitary-gonad axis of the rat fetus.

Association of PCB, PBDE and PCDD/F body burdens with hormone levels for children in an e-waste dismantling area of Zhejiang Province, China.

Cytotoxic effects exerted by pentachlorophenol by targeting nodal pro-survival signaling pathways in human pancreatic cancer cells.

Differential Fmo3 gene expression in various liver injury models involving hepatic oxidative stress in mice.

The effect of dietary tryptophan levels on oxidative stress of liver induced by diquat in weaned piglets.

Deiodinases and thyroid metabolism disruption in teleost fish.

Acute paraquat poisoning with sinus bradycardia: A case report.

High dose of prebiotics reduces fecal water cytotoxicity in healthy subjects.

Effects of Atrazine on Reproductive Health of Nondiabetic and Diabetic Male Rats.

Estrogen receptor β and aryl hydrocarbon receptor cross-talk in a transfected hepatoma cell line (HepG2) exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Photolytic degradation products of two highly brominated flame retardants cause cytotoxicity and mRNA expression alterations in chicken embryonic hepatocytes.

Epoxyalcohols: bioactivation and conjugation required for skin sensitization.

Exposure to difenoconazole, diclofop-methyl alone and combination alters oxidative stress and biochemical parameters in albino rats.

Human urinary biomarkers of dioxin exposure: analysis by metabolomics and biologically driven data dimensionality reduction.

Comparative proteomic analysis of ovary for Chinese rare minnow (*Gobiocypris rarus*) exposed to chlorophenol chemicals.

Quantitative analysis of volatile organic compounds released and consumed by rat L6 skeletal muscle cells in vitro.

4-Amino-2-chlorophenol: Comparative in vitro nephrotoxicity and mechanisms of bioactivation.

The role lipid aldehydes and ALEs in the pathogenesis of diabetic retinopathy.

Oxidative stress affects FET proteins localization and alternative pre-mRNA processing in cellular models of ALS.

A comparison of the *Caulobacter* NA1000 and K31 genomes reveals extensive genome rearrangements and differences in metabolic potential.

Differential susceptibility of human peripheral blood T cells to suppression by environmental levels of sodium arsenite and monomethylarsonous acid.

A metabonomic analysis of the effect of quercetin on toxicity induced by chronic exposure to low-level dichlorvos in rat plasma.

Increased expression of Fe-chelatase leads to increased metabolic flux into heme and confers protection against photodynamically induced oxidative stress.

Urinary VEGF and PGE2 levels and the association with arsenical metabolites in copper-smelting workers.

Species-specific considerations in using the fish embryo test as an alternative to identify endocrine disruption.

Estimates of heavy metal tolerance and chromium(VI) reducing ability of *Pseudomonas aeruginosa* CCTCC AB93066: chromium(VI) toxicity and environmental parameters optimization.

Endogenous aryl hydrocarbon receptor promotes basal and inducible expression of tumor necrosis factor target genes in MCF-7 cancer cells.

^{11}C -ORM-13070, a novel PET ligand for brain β_1 -adrenoceptors: radiometabolism, plasma pharmacokinetics, whole-body distribution and radiation dosimetry in healthy men.

TCDD induces the hypoxia-inducible factor (HIF)-1 α regulatory pathway in human trophoblastic JAR cells.

Critical electrolyte concentration of silk gland chromatin of the sugarcane borer *Diatraea saccharalis*, induced using agrochemicals.

Combination effects of (tri)azole fungicides on hormone production and xenobiotic metabolism in a human placental cell line.

Polychlorinated biphenyls (PCB 101, PCB 153 and PCB 180) alter leptin signaling and lipid metabolism in differentiated 3T3-L1 adipocytes.

Detection of cresyl phosphate-modified butyrylcholinesterase in human plasma for chemical exposure associated with aerotoxic syndrome.

Developmental neurotoxicity of 3,3',4,4'-tetrachloroazobenzene with thyroxine deficit: Sensitivity of glia and dentate granule neurons in the absence of behavioral changes.

Glyphosate poisoning with acute pulmonary edema.

[To the question of the optimization of methods for detection of vinyl chloride and 1,2-dichloroethane, and their metabolites in biological fluids in workers involved in production of polyvinyl chloride].

NADPH oxidase and the cardiovascular toxicity associated with smoking.

Serum dioxin concentrations and thyroid hormone levels in the Seveso Women's Health Study.

The combined treatment with chloroquine and the enzymatic oxidation products of spermine overcomes multidrug resistance of melanoma M14 ADR2 cells: a new therapeutic approach.

Luteolin modulates expression of drug-metabolizing enzymes through the AhR and Nrf2 pathways in hepatic cells.

Magnas functions as a ROS regulator and provides cytoprotection against oxidative stress-mediated damages.

Structure- and concentration-specific assessment of the physiological reactivity of α -dicarbonyl glucose degradation products in peritoneal dialysis fluids.

Mammalian cytochrome P450-dependent metabolism of polychlorinated dibenzo-p-dioxins and coplanar polychlorinated biphenyls.

Two-stage culture procedure using thidiazuron for efficient micropropagation of *Stevia rebaudiana*, an anti-diabetic medicinal herb.

Acute arsenic treatment alters arachidonic acid and its associated metabolite levels in the brain of C57Bl/6 mice.

Expression and functional regulation of the nuclear receptors AHR, PXR, and CAR, and the transcription factor Nrf2 in rat parotid gland.

Improved protocol for somatic embryogenesis and calcium alginate encapsulation in *Anethum graveolens* L.: a medicinal herb.

Blood biochemistry, thyroid hormones, and oxidant/antioxidant status of guinea pigs challenged with sodium arsenite or arsenic trioxide.

Arsenite-induced changes in hepatic protein abundance in cynomolgus monkeys (*Macaca fascicularis*).

Arsenic thiolation and the role of sulfate-reducing bacteria from the human intestinal tract.

Dioxin-induced retardation of development through a reduction in the expression of pituitary hormones and possible involvement of an aryl hydrocarbon receptor in this defect: a comparative study using two strains of mice with different sensitivities to dioxin.

Assessment of oxidative stress in serum by d-ROMs test.

Improving the in vitro ethoxyresorufin-O-deethylase (EROD) assay with RTL-W1 by metabolic normalization and use of β -naphthoflavone as the reference substance.

Arsenic exposure alters expression of cell cycle and lipid metabolism genes in the liver of adult zebrafish (*Danio rerio*).

Products of the Parkinson's disease-related glyoxalase DJ-1, D-lactate and glycolate, support mitochondrial membrane potential and neuronal survival.

Redox proteomics changes in the fungal pathogen *Trichosporon asahii* on arsenic exposure: identification of protein responses to metal-induced oxidative stress in an environmentally-sampled isolate.

Honeybee colony disorder in crop areas: the role of pesticides and viruses.

Evaluation of BDE-47 hydroxylation metabolic pathways based on a strong electron-withdrawing pentafluorobenzoyl derivatization gas chromatography/electron capture negative ionization quadrupole mass spectrometry.

FGF21 as a Hepatokine, Adipokine, and Myokine in Metabolism and Diseases.

Physiological and electrochemical effects of different electron acceptors on bacterial anode respiration in bioelectrochemical systems.

Development of an analytical strategy based on LC-MS/MS for the measurement of different classes of pesticides and their metabolites in meconium: application and characterisation of foetal exposure in France.

Application of metabolic engineering for the biotechnological production of L-valine.

A PET Tracer for Brain β -Adrenoceptors, (11)^C-ORM-13070: Radiosynthesis and Preclinical Evaluation in Rats and Knockout Mice.

Biomonitoring and hormone-disrupting effect biomarkers of persistent organic pollutants in vitro and ex vivo.

Fibroblast growth factor (Fgf) 21 is a novel target gene of the aryl hydrocarbon receptor (AhR).

Metabolic activation of the antibacterial agent triclocarban by cytochrome P450 1A1 yielding glutathione adducts.

Children's exposure to secondhand and thirdhand smoke carcinogens and toxicants in homes of hookah smokers.

Effects of uremic toxin p-cresol on proliferation, apoptosis, differentiation, and glucose uptake in 3T3-L1 cells.

Potential Use of Rice Field Cyanobacterium *Nostoc muscorum* in the Evaluation of Butachlor Induced Toxicity and their Degradation.

Enantioselective metabolism of quizalofop-ethyl in rat.

Tissue-Specific Metabolic Profile Study of *Moringa oleifera* L. Using Nuclear Magnetic Resonance Spectroscopy.

[Levels distribution and risk assessment of the indicator and dioxin-like polychlorinated biphenyls in ten different species of marine fish of Bohai Bay, China].

Environmentally persistent free radicals inhibit cytochrome P450 activity in rat liver microsomes.

RNA-Seq transcriptome analysis to identify genes involved in metabolism-based diclofop resistance in *Lolium rigidum*.

Assessment of re-aggregated human pancreatic islets for secondary drug screening.

Improving the efficiency of isolated microspore culture in six-row spring barley: II-exploring novel growth regulators to maximize embryogenesis and reduce albinism.

Antimutagenic potential and modulation of carcinogen-metabolizing enzymes by ginger essential oil.

Bifidobacterium fermented milk and galacto-oligosaccharides lead to improved skin health by decreasing phenols production by gut microbiota.

Nicotinamide nucleotide transhydrogenase (Nnt) links the substrate requirement in brain mitochondria for hydrogen peroxide removal to the thioredoxin/peroxiredoxin (Trx/Prx) system.

Guanosine regulates adenosine levels in the kidney.

Improving production of malonyl coenzyme A-derived metabolites by abolishing Snf1-dependent regulation of Acc1.

Glyphosate surfactant herbicide poisoning and management.

Relationship between dioxin and steroid hormones in sera of Vietnamese men.

Wild fish from the Bay of Quinte Area of Concern contain elevated tissue concentrations of PCBs and exhibit evidence of endocrine-related health effects.

Microbiome-derived tryptophan metabolites and their aryl hydrocarbon receptor-dependent agonist and antagonist activities.

Fish oil rich in eicosapentaenoic acid protects against oxidative stress-related renal dysfunction induced by TCDD in Wistar rats.

Monomethylated trivalent arsenic species disrupt steroid receptor interactions with their DNA response elements at non-cytotoxic cellular concentrations.

Novel resveratrol-based substrates for human hepatic, renal, and intestinal UDP-glucuronosyltransferases.

In Vitro Metabolism of Flucetosulfuron by Human Liver Microsomes.

Identification of a novel mitochondrial uncoupler that does not depolarize the plasma membrane.

Nucleoside 5'-phosphorothioate derivatives are highly effective neuroprotectants.

Analysis of hepatic deiodinase 2 mRNA levels in natural fish lake populations exposed to different levels of putative thyroid disrupters.

Roxarsone and its metabolites in chicken manure significantly enhance the uptake of As species by vegetables.

loxynil and tetrabromobisphenol A suppress thyroid-hormone-induced activation of transcriptional elongation mediated by histone modifications and RNA polymerase II phosphorylation.

In vivo effects of the pure aryl hydrocarbon receptor antagonist GNF-351 after oral administration are limited to the gastrointestinal tract.

A novel MDCKII in vitro model for assessing ABCG2-drug interactions and regulation of ABCG2 transport activity in the caprine mammary gland by environmental pollutants and pesticides.

Endocrine disrupting chemicals affect the gonadotropin releasing hormone neuronal network.

Cytotoxic clerodane diterpenes from *Zuelania guidonia*.

New branches in the degradation pathway of monochlorocatechols by *Aspergillus nidulans*: a metabolomics analysis.

Development of a convenient in vivo hepatotoxin assay using a transgenic zebrafish line with liver-specific DsRed expression.

Human urinary excretion of non-persistent environmental chemicals: an overview of Danish data collected between 2006 and 2012.

Transient overexpression of *adh8a* increases allyl alcohol toxicity in zebrafish embryos.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on secretion of steroids and STAR, HSD3B and CYP19A1 mRNA expression in chicken ovarian follicles.

Comparison of the in vivo and in vitro genotoxicity of glyphosate isopropylamine salt in three different organisms.

Oxidation of metabolites highlights the microbial interactions and role of *Acetobacter pasteurianus* during cocoa bean fermentation.

Simultaneous determination of saflufenacil and its two metabolites in soil samples by ultra-performance liquid chromatography with tandem mass spectrometry.

2, 3, 7, 8-Tetrachlorodibenzo-P-dioxin (TCDD) induces premature senescence in human and rodent neuronal cells via ROS-dependent mechanisms.

Mitochondrial uncoupling reduces exercise capacity despite several skeletal muscle metabolic adaptations.

Profiling of enantiopure drugs towards aryl hydrocarbon (AhR), glucocorticoid (GR) and pregnane X (PXR) receptors in human reporter cell lines.

Proteomic approach to reveal the regulatory function of aconitase *AcnA* in oxidative stress response in the antibiotic producer *Streptomyces viridochromogenes* TÅ¼494.

[Effect of synchronous perfusion of NaN₃ in changes in content of cholinergic neurotransmitter in medial prefrontal cortex and hippocampal extra-cellular fluid].

Hypoxia perturbs aryl hydrocarbon receptor signaling and CYP1A1 expression induced by PCB 126 in human skin and liver-derived cell lines.

Increases in levels of epoxyeicosatrienoic and dihydroxyeicosatrienoic acids (EETs and DHETs) in liver and heart in vivo by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and in hepatic EET:DHET ratios by cotreatment with TCDD and the soluble epoxide hydrolase inhibitor AUDA.

Evaluation of N-acetyl-cysteine against tetrachlorobenzoquinone-induced genotoxicity and oxidative stress in HepG2 cells.

Adaptive response of *Amphibacillus xylanus* to normal aerobic and forced oxidative stress conditions.

Response to metronidazole and oxidative stress is mediated through homeostatic regulator HsrA (HP1043) in *Helicobacter pylori*.

Mechanism for the protective effect of diallyl disulfide against cyclophosphamide acute urotoxicity in rats.

Lack of isocitrate lyase in *Chlamydomonas* leads to changes in carbon metabolism and in the response to oxidative stress under mixotrophic growth.

A stable and efficient *Agrobacterium tumefaciens*-mediated genetic transformation of the medicinal plant *Digitalis purpurea* L.

Methylated pentavalent arsenic metabolites are bifunctional inducers, as they induce cytochrome P450 1A1 and NAD(P)H:quinone oxidoreductase through AhR- and Nrf2-dependent mechanisms.

Urinary metabolites of a polycyclic aromatic hydrocarbon and volatile organic compounds in relation to lung cancer development in lifelong never smokers in the Shanghai Cohort Study.

Dissipation and residues of clethodim and its oxidation metabolites in a rape-field ecosystem using QuEChERS and liquid chromatography/tandem mass spectrometry.

Republished study: long-term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize.

Transcriptome-metabolome wide association study (TMWAS) of maneb and paraquat neurotoxicity reveals network level interactions in toxicologic mechanism.

History of Chemistry in the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK).

Chemoprevention against arsenic-induced mutagenic DNA breakage and apoptotic liver damage in rat via antioxidant and SOD1 upregulation by green tea (*Camellia sinensis*) which recovers broken DNA resulted from arsenic-H₂O₂ related in vitro oxidant stress.

Mutagenicity and antimutagenicity of hydrophilic and lipophilic extracts of Thai northern purple rice.

Field dissipation and storage stability of glufosinate ammonium and its metabolites in soil.

Effects of short term exposure of atrazine on the liver and kidney of normal and diabetic rats.

Influence of dioxin intoxication on the human system and possibilities of limiting its negative effects on the environment and living organisms.

Influence of zinc supplementation on histopathological changes in the stomach, liver, kidney, brain, pancreas and spleen during subchronic exposure of Wistar rats to glyphosate.

Effect of SP-A/B in lipoic acid on acute paraquat poisoning.

Levels and risk assessment of chemical contaminants in byproducts for animal feed in Denmark.

[2,4-dinitrophenol--a lethal weight reducing agent].

Alteration of ROS homeostasis and decreased lifespan in *S. cerevisiae* elicited by deletion of the mitochondrial translocator FLX1.

Effects on development, growth responses and thyroid-hormone systems in eyed-eggs and yolk-sac larvae of Atlantic salmon (*Salmo salar*) continuously exposed to 3,3',4,4'-tetrachlorobiphenyl (PCB-77).

Risk ranking priority of carcinogenic and/or genotoxic environmental contaminants in food in Belgium.

3,3',4,4'-Tetrachlorobiphenyl-mediated decrease of serum thyroxine level in C57BL/6 and DBA/2 mice occurs mainly through enhanced accumulation of thyroxine in the liver.

Uptake and metabolic effects of salicylic acid on the pulvinar motor cells of *Mimosa pudica* L.

Identification of arsenolipids and their degradation products in cod-liver oil.

Serum dioxin concentrations and bone density and structure in the Seveso Women's Health Study.

Oleic acid promotes adaptability against oxidative stress in 3T3-L1 cells through lipohormesis.

A moderate toxin, GraT, modulates growth rate and stress tolerance of *Pseudomonas putida*.

Detection, fate and transport of estrogen family hormones in soil.

More than meets the eye in bacterial cellulose: biosynthesis, bioprocessing, and applications in advanced fiber composites.

Isolation of a high malic and low acetic acid-producing sake yeast *Saccharomyces cerevisiae* strain screened from respiratory inhibitor 2,4-dinitrophenol (DNP)-resistant strains.

Antioxidant, mutagenic and antimutagenic activities of an aqueous extract of *Limoniastrum guyonianum* gall.

Diuron metabolites and urothelial cytotoxicity: in vivo, in vitro and molecular approaches.

A built-in strategy to mitigate transgene spreading from genetically modified corn.

[Cyanamide-ethanol reaction induced shock: report of a case and literature review].

Microcalorimetry: a powerful and original tool for tracking the toxicity of a xenobiotic on *Tetrahymena pyriformis*.

Oxidative stress as a mechanism for toxicity of 2,4-dichlorophenoxyacetic acid (2,4-D): studies with goldfish gills.

An F1-extended one-generation reproductive toxicity study in Crl:CD(SD) rats with 2,4-dichlorophenoxyacetic acid.

Accumulation, histopathological effects and response of biochemical markers in the spleens and head kidneys of common carp exposed to atrazine and chlorpyrifos.

Changes in cellular energy allocation in *Enchytraeus albidus* when exposed to dimethoate, atrazine, and carbendazim.

Dietary predictors of young children's exposure to current-use pesticides using urinary biomonitoring.

Thermally induced process-related contaminants: the example of acrolein and the comparison with acrylamide: opinion of the Senate Commission on Food Safety (SKLM) of the German Research Foundation (DFG).

Dopaminergic neurotoxicity of S-ethyl N,N-dipropylthiocarbamate (EPTC), molinate, and S-methyl-N,N-diethylthiocarbamate (MeDETC) in *Caenorhabditis elegans*.

Aldose reductase regulates acrolein-induced cytotoxicity in human small airway epithelial cells.

Effects of low-dose exposure to pesticide mixture on physiological responses of the Pacific oyster, *Crassostrea gigas*.

Benzothiazole aniline tetra(ethylene glycol) and 3-amino-1,2,4-triazole inhibit neuroprotection against amyloid peptides by catalase overexpression in vitro.

Ethoxylated adjuvants of glyphosate-based herbicides are active principles of human cell toxicity.

Glufosinate herbicide intoxication causing unconsciousness, convulsion, and 6th cranial nerve palsy.

Acrolein-induced oxidative stress in NAD(P)H Oxidase Subunit gp91phox knock-out mice and its modulation of NF- κ B and CD36.

Specific proteomic response of *Unio pictorum* mussel to a mixture of glyphosate and microcystin-LR.

Mechanisms of permanent loss of olfactory receptor neurons induced by the herbicide 2,6-dichlorobenzonitrile: effects on stem cells and noninvolvement of acute induction of the inflammatory cytokine IL-6.

Oxidative stress responses in zebrafish *Danio rerio* after subchronic exposure to atrazine.

Alterations in fatty acids of polar lipids in *Salmo trutta* on long-term exposure to a glyphosate-based herbicide (Roundup).

Thyroid endocrine system disruption by pentachlorophenol: an in vitro and in vivo assay.

Alachlor oxidation by the filamentous fungus *Paecilomyces marquandii*.

Currently used pesticides and their mixtures affect the function of sex hormone receptors and aromatase enzyme activity.

Evaluation of hydroxyatrazine in the endocrine disruptor screening and testing program's male and female pubertal protocols.

Methylene blue protects against paraquat-induced acute lung injury in rats.

Proteomic analysis of rat cerebral cortex following subchronic acrolein toxicity.

Effects of the glyphosate-based herbicide Roundup WeatherMax[®] on metamorphosis of wood frogs (*Lithobates sylvaticus*) in natural wetlands.

Effect of fluazifop-p-butyl treatment on pigments and polyamines level within tissues of non-target maize plants.

Comparisons of metabolic and physiological changes in rats following short term oral dosing with pesticides commonly found in food.

Evaluation of biochemical markers in the golden mussel *Limnoperna fortunei* exposed to glyphosate acid in outdoor microcosms.

Transient effects of 2,4-dichlorophenoxyacetic acid (2,4-D) exposure on some metabolic and free radical processes in goldfish white muscle.

Attic dust assessment near a wood treatment plant: past air pollution and potential exposure.

Enhanced herbicide metabolism induced by 2,4-D in herbicide susceptible *Lolium rigidum* provides protection against diclofop-methyl.

Short-term atrazine exposure causes behavioral deficits and disrupts monoaminergic systems in male C57BL/6 mice.

Glyphosate induces human breast cancer cells growth via estrogen receptors.

Changes in *Lumbriculus variegatus* metabolites under hypoxic exposure to benzo(a)pyrene, chlorpyrifos and pentachlorophenol: consequences on biotransformation.

Effect of safeners on damage of human erythrocytes treated with chloroacetamide herbicides.

Dynamics and environmental risk assessment of the herbicide glyphosate and its metabolite AMPA in a small vineyard river of the Lake Geneva catchment.

Climate change, multiple stressors, and the decline of ectotherms.

The oxidizing agent, paraquat, is more toxic to *Wolbachia* than to mosquito host cells.

Prognostic value of initial arterial lactate level and lactate metabolic clearance rate in patients with acute paraquat poisoning.

YjcC, a c-di-GMP phosphodiesterase protein, regulates the oxidative stress response and virulence of *Klebsiella pneumoniae* CG43.

The chiral herbicide beflubutamid (I): Isolation of pure enantiomers by HPLC, herbicidal activity of enantiomers, and analysis by enantioselective GC-MS.

Triazine herbicides and their chlorometabolites alter steroidogenesis in BLTK1 murine Leydig cells.

In vitro toxicological characterization of two arsenosugars and their metabolites.

Exposure to 2,4-dichlorophenoxyacetic acid alters glucose metabolism in immature rat Sertoli cells.

Pharmacokinetic, neurochemical, stereological and neuropathological studies on the potential effects of paraquat in the substantia nigra pars compacta and striatum of male C57BL/6J mice.

Alteration of lipid status and lipid metabolism, induction of oxidative stress and lipid peroxidation by 2,4-dichlorophenoxyacetic herbicide in rat liver.

Effects of water contamination on site selection by amphibians: experiences from an arena approach with European frogs and newts.

Influence of increasing temperature and salinity on herbicide toxicity in estuarine phytoplankton.

PACAP deficiency sensitizes nigrostriatal dopaminergic neurons to paraquat-induced damage and modulates central and peripheral inflammatory activation in mice.

Spinal transient receptor potential ankyrin 1 channel induces mechanical hypersensitivity, increases cutaneous blood flow, and mediates the pronociceptive action of dynorphin A.

CT imaging as a prognostic indicator for patients with pulmonary injury from acute paraquat poisoning.

Application of an amphibian (*Silurana tropicalis*) metamorphosis assay to the testing of the chronic toxicity of three rice paddy herbicides: simetryn, mefenacet, and thiobencarb.

Dietary supplementation with *Lactobacillus fermentum* I5007 improves the anti-oxidative activity of weanling piglets challenged with diquat.

Synergistic effects between pesticide stress and predator cues: conflicting results from life history and physiology in the damselfly *Enallagma cyathigerum*.

[Hormonotherapy for treating femoral head necrosis induced by paraquat poisoning: a report of 2 cases].

[Effect of glyphosate on the energy exchange in carp organs].

Caloric content of *Daphnia magna* as reflect of propanil stress during a short-term exposure and its relationship to long-term responses.

Pesticide-induced decrease in rat testicular steroidogenesis is differentially prevented by lipoate and tocopherol.

Assessing eco-toxicological effects of industrial 2,4-D acid iso-octylester herbicide on rat pancreas and liver.

Enantioselective physiological effects of the herbicide diclofop on cyanobacterium *Microcystis aeruginosa*.

Oral exposure to atrazine modulates hormone synthesis and the transcription of steroidogenic genes in male peripubertal mice.

Transcriptome alterations following developmental atrazine exposure in zebrafish are associated with disruption of neuroendocrine and reproductive system function, cell cycle, and carcinogenesis.

An evaluation of 2,4-dichlorophenoxyacetic acid in the Amphibian Metamorphosis Assay and the Fish Short-Term Reproduction Assay.

Drinking-water exposure to a mixture of nitrate and low-dose atrazine metabolites and small-for-gestational age (SGA) babies: a historic cohort study.

Goldfish can recover after short-term exposure to 2,4-dichlorophenoxyacetate: use of blood parameters as vital biomarkers.

Differential toxicity and gene expression in Caco-2 cells exposed to arsenic species.

Reduction of dimethylarsinic acid to the highly toxic dimethylarsinous acid by rats and rat liver cytosol.

Bioactivation of the nasal toxicant 2,6-dichlorobenzonitrile: an assessment of metabolic activity in human nasal mucosa and identification of indicators of exposure and potential toxicity.

Effects of glyphosate-based herbicides on embryo-larval development and metamorphosis in the Pacific oyster, *Crassostrea gigas*.

Effect of dietary treatment with dimethylarsinous acid (DMA(III)) on the urinary bladder epithelium of arsenic (+3 oxidation state) methyltransferase (As3mt) knockout and C57BL/6 wild type female mice.

In vitro toxicological characterisation of the S-containing arsenic metabolites thio-dimethylarsinic acid and dimethylarsinic glutathione.

[Neurotoxicity of pesticides: its relationship with neurodegenerative diseases].

Mutagenic/recombinogenic effects of four lipid peroxidation products in *Drosophila*.

Effects of quercetin on mRNA expression of steroidogenesis genes in primary cultures of Leydig cells treated with atrazine.

Periphyton responses to nutrient and atrazine mixtures introduced through agricultural runoff.

Response of *Lumbriculus variegatus* transcriptome and metabolites to model chemical contaminants.

Severe adverse effects related to dermal exposure to a glyphosate-surfactant herbicide.

Changes in differential gene expression in fibroblast cells from patients with triple A syndrome under oxidative stress.

The effect of stereochemistry on the biological activity of natural phytotoxins, fungicides, insecticides and herbicides.

Risk assessment of herbicides and booster biocides along estuarine continuums in the Bay of Vilaine area (Brittany, France).

Biochemical and molecular mechanisms of N-acetyl cysteine and silymarin-mediated protection against maneb- and paraquat-induced hepatotoxicity in rats.

Differentiation state-dependent effects of in vitro exposure to atrazine or its metabolite diaminochlorotriazine in a dopaminergic cell line.

Influence of diet with kale on lipid peroxides and malondialdehyde levels in blood serum of laboratory rats over intoxication with paraquat.

[Glyphosate and its formulations--toxicity, occupational and environmental exposure].

The effects of atrazine exposure on early life stages of common carp (*Cyprinus carpio*).

Functional analysis of the AKR4C subfamily of *Arabidopsis thaliana*: model structures, substrate specificity, acrolein toxicity, and responses to light and [CO(2)].

Renal replacement therapy in acute poisonings--one center experience.

Oral administration of pentachlorophenol induces interferon signaling mRNAs in C57BL/6 male mouse liver.

Cytoprotective effect of alpha-lipoic acid on paraquat-exposed human bronchial epithelial cells via activation of nuclear factor erythroid related factor-2 pathway.

Evaluation of the capacity of the cyanobacterium *Microcystis novacekii* to remove atrazine from a culture medium.

Thyroid disruption in the lizard *Podarcis bocagei* exposed to a mixture of herbicides: a field study.

Involvement of interleukin-6-regulated nitric oxide synthase in hemorrhagic cystitis and impaired bladder contractions in young rats induced by acrolein, a urinary metabolite of cyclophosphamide.

The antidote effect of quinone oxidoreductase 2 inhibitor against paraquat-induced toxicity in vitro and in vivo.

Oxidative stress in ventral prostate, ovary, and breast by 2,4-dichlorophenoxyacetic acid in pre- and postnatal exposed rats.

Arsenic metabolism efficiency has a causal role in arsenic toxicity: Mendelian randomization and gene-environment interaction.

Cigarette smoke induces systemic defects in cystic fibrosis transmembrane conductance regulator function.

Fluridone as a new anti-inflammatory drug.

Metabolic shift in lung alveolar cell mitochondria following acrolein exposure.

SLCO1B1 variants and urine arsenic metabolites in the Strong Heart Family Study.

Gene expression modulation by paraquat-induced oxidative stress conditions in *Paracoccidioides brasiliensis*.

Role of aldose reductase in the metabolism and detoxification of carnosine-acrolein conjugates.

Cinnamomum cassia essential oil inhibits α -MSH-induced melanin production and oxidative stress in murine B16 melanoma cells.

European corn borer (*Ostrinia nubilalis*) induced responses enhance susceptibility in maize.

Determination of urine 3-HPMA, a stable acrolein metabolite in a rat model of spinal cord injury.

Mitochondria-targeted antioxidant peptide SS31 protects the retinas of diabetic rats.

Chemical composition and hypoglycemic and pancreas-protective effect of leaf essential oil from indigenous cinnamon (*Cinnamomum osmophloeum* Kanehira).

Mutagenic activation reduces carcinogenic activity of ortho-aminoazotoluene for mouse liver.

Arsenic speciation in saliva of acute promyelocytic leukemia patients undergoing arsenic trioxide treatment.

Atrazine biodegradation efficiency, metabolite detection, and trzD gene expression by enrichment bacterial cultures from agricultural soil.

Liquid chromatography-diode array detection to study the metabolism of glufosinate in *Triticum aestivum* T-590 and influence of the genetic modification on its resistance.

Estimation of placental and lactational transfer and tissue distribution of atrazine and its main metabolites in rodent dams, fetuses, and neonates with physiologically based pharmacokinetic modeling.

Sorption and mineralization of S-metolachlor and its ionic metabolites in soils and vadose zone solids: consequences on groundwater quality in an alluvial aquifer (Ain Plain, France).

Carotenoid deficiency impairs ABA and IAA biosynthesis and differentially affects drought and cold tolerance in rice.

Transcript profiling of common bean nodules subjected to oxidative stress.

In vivo absorption, distribution, excretion, and metabolism of a new herbicide, methiozolin, in rats following oral administration.

[Study on the optimum combinations of plant hormone in callus culture of *Thermopsis lanceolata*].

Biomonitoring short- and long-term exposure to the herbicide terbuthylazine in agriculture workers and in the general population using urine and hair specimens.

Atrazine-induced elevation or attenuation of the LH surge in the ovariectomized, estrogen-primed female rat: role of adrenal progesterone.

Identification of a role for a mouse sperm surface aldo-keto reductase (AKR1B7) and its human analogue in the detoxification of the reactive aldehyde, acrolein.

Sethoxydim treatment inhibits lipid metabolism and enhances the accumulation of anthocyanins in rape (*Brassica napus* L.) leaves.

Opposite motor responses elicited by ethanol in the posterior VTA: the role of acetaldehyde and the non-metabolized fraction of ethanol.

Interaction of phthalates and phenoxy acid herbicide environmental pollutants with intestinal intracellular lipid binding proteins.

A vortex-assisted MSPD method for the extraction of pesticide residues from fish liver and crab hepatopancreas with determination by GC-MS.

Acetaldehyde-induced cytotoxicity involves induction of spermine oxidase at the transcriptional level.

In vitro intestinal bioavailability of arsenosugar metabolites and presystemic metabolism of thio-dimethylarsinic acid in Caco-2 cells.

Extension of *Sphingobium* sp. BHC-A to a 2,4,5-trichlorophenoxyacetic acid mineralizing strain by metabolic engineering.

Soil metabolism of [¹⁴C]methiozolin under aerobic and anaerobic flooded conditions.

The chiral herbicide beflubutamid (II): Enantioselective degradation and enantiomerization in soil, and formation/degradation of chiral metabolites.

Low environmentally relevant levels of bioactive xenobiotics and associated degradation products cause cryptic perturbations of metabolism and molecular stress responses in *Arabidopsis thaliana*.

Semi-automated solid phase extraction method for the mass spectrometric quantification of 12 specific metabolites of organophosphorus pesticides, synthetic pyrethroids, and select herbicides in human urine.

Dissipation of clodinafop-propargyl and its metabolite in wheat field ecosystem.

Automated SPME-GC-MS monitoring of headspace metabolomic responses of *E. coli* to biologically active components extracted by the coating.

Enzyme inhibitor studies reveal complex control of methyl-D-erythritol 4-phosphate (MEP) pathway enzyme expression in *Catharanthus roseus*.

Integrated transcriptomic and metabolomic analysis of the central metabolism of *Synechocystis* sp. PCC 6803 under different trophic conditions.

Post-translational control of nitrate reductase activity responding to light and photosynthesis evolved already in the early vascular plants.

Carbon source utilization profiles suggest additional metabolic interactions in a synergistic linuron-degrading bacterial consortium.

Enhanced rates of herbicide metabolism in low herbicide-dose selected resistant *Lolium rigidum*.

GH3 expression and IAA-amide synthetase activity in pea (*Pisum sativum* L.) seedlings are regulated by light, plant hormones and auxinic herbicides.

Inhibitors of hydroperoxide metabolism enhance ascorbate-induced cytotoxicity.

Screening of endocrine-disrupting phenols, herbicides, steroid estrogens, and estrogenicity in drinking water from the waterworks of 35 Italian cities and from PET-bottled mineral water.

Agropyrenol, a phytotoxic fungal metabolite, and its derivatives: a structure-activity relationship study.

Acrolein and chloroacetaldehyde: an examination of the cell and cell-free biomarkers of toxicity.

In planta mechanism of action of leptospermon: impact of its physico-chemical properties on uptake, translocation, and metabolism.

Differential regulation of GLUT1 activity in human corneal limbal epithelial cells and fibroblasts.

Metabolic flux ratio analysis and multi-objective optimization revealed a globally conserved and coordinated metabolic response of *E. coli* to paraquat-induced oxidative stress.

The response of *Mucor plumbeus* to pentachlorophenol: a toxicoproteomics study.

Direct determination of glyphosate and its major metabolite, aminomethylphosphonic acid, in fruits and vegetables by mixed-mode hydrophilic interaction/weak anion-exchange liquid chromatography coupled with electrospray tandem mass spectrometry.

Atrazine inhibits pulsatile gonadotropin-releasing hormone (GnRH) release without altering GnRH messenger RNA or protein levels in the female rat.

Metabolism of quizalofop and rimsulfuron in herbicide resistant grain sorghum.

Simultaneous LC-MS/MS analysis of glyphosate, glufosinate, and their metabolic products in beer, barley tea, and their ingredients.

Uptake of arsenic species by turnip (*Brassica rapa* L.) and lettuce (*Lactuca sativa* L.) treated with roxarsone and its metabolites in chicken manure.

The herbicide glyphosate and its metabolite AMPA in the Lavaux vineyard area, western Switzerland: proof of widespread export to surface waters. Part II: the role of infiltration and surface runoff.

The herbicide glyphosate and its metabolite AMPA in the Lavaux vineyard area, Western Switzerland: proof of widespread export to surface waters. Part I: method validation in different water matrices.

Effects of cyanamide, an aldehyde dehydrogenase type 2 inhibitor, on glyceryl trinitrate- and isosorbide dinitrate-induced vasodilation in rabbit excised aorta and in anesthetized whole animal.

Persistence of herbicide fenoxaprop ethyl and its acid metabolite in soil and wheat crop under Indian tropical conditions.

The relationships between pesticide metabolites and neurobehavioral test performance in the third National Health and Nutrition Examination Survey.

Assays for the measurement of lipid peroxidation.

Propionate addition enhances the biodegradation of the xenobiotic herbicide propanil and its metabolite.

Comparing metabolic functionalities, community structures, and dynamics of herbicide-degrading communities cultivated with different substrate concentrations.

The neurological effects of methyl bromide intoxication.

Malabsorption anemia and iron supplement induced constipation in post-Roux-en-Y gastric bypass (RYGB) patients.

Calcium and magnesium elimination enhances accumulation of cardenolides in callus cultures of endemic *Digitalis* species of Turkey.

Thiamin diphosphate-dependent enzymes: from enzymology to metabolic regulation, drug design and disease models.

Mechanical ventilation causes pulmonary mitochondrial dysfunction and delayed alveolarization in neonatal mice.

Dioxin and estrogen signaling in lung adenocarcinoma cells with different aryl hydrocarbon receptor/estrogen receptor \pm phenotypes.

Bone remodelling is reduced by recovery from iron-deficiency anaemia in premenopausal women.

Role of mitogen-activated protein kinase cascades in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced apoptosis in neuronal pheochromocytoma cells.

Oxidative DNA damage and in vivo mutagenicity caused by reactive oxygen species generated in the livers of p53-proficient or -deficient gpt delta mice treated with non-genotoxic hepatocarcinogens.

Arsenic exposure affects plasma insulin-like growth factor 1 (IGF-1) in children in rural Bangladesh.

Does the adequacy parameter $Kt/V(\text{urea})$ reflect uremic toxin concentrations in hemodialysis patients?

Reversal of hypertriglyceridemia, fatty liver disease, and insulin resistance by a liver-targeted mitochondrial uncoupler.

Stability and performance of rapid-acting insulin analogs used for continuous subcutaneous insulin infusion: a systematic review.

Kidney hypoxia, attributable to increased oxygen consumption, induces nephropathy independently of hyperglycemia and oxidative stress.

Expression of Sproutys and SPREDs is decreased during lung branching morphogenesis in nitrofen-induced pulmonary hypoplasia.

New insights into the aryl hydrocarbon receptor as a modulator of host responses to infection.

In vitro-in vivo correlations for endocrine activity of a mixture of currently used pesticides.

Metabonomic study on the biochemical response of spontaneously hypertensive rats to chronic taurine supplementation using $(1)H$ NMR spectroscopic urinalysis.

Protein-bound uremic toxins – new targets to prevent insulin resistance and dysmetabolism in patients with chronic kidney disease.

Maintaining energy homeostasis is an essential component of Wld(S)-mediated axon protection.

Ets1 and heat shock factor 1 regulate transcription of the Transformer 2¹² gene in human colon cancer cells.

Association between blood levels of PCDDs/PCDFs/dioxin-like PCBs and history of allergic and other diseases in the Japanese population.

Comparisons of differential gene expression elicited by TCDD, PCB126, 1²NF, or ICZ in mouse hepatoma Hepa1c1c7 cells and C57BL/6 mouse liver.

Relationships between in vitro lymphoproliferative responses and levels of contaminants in blood of free-ranging adult harbour seals (*Phoca vitulina*) from the North Sea.

Gender-specific metabolomic profiling of obesity in leptin-deficient ob/ob mice by 1H NMR spectroscopy.

Hypothyroidism and pesticide use among male private pesticide applicators in the agricultural health study.

Control of konzo by detoxification of cassava flour in three villages in the Democratic Republic of Congo.

A population-based case-control study of urinary arsenic species and squamous cell carcinoma in New Hampshire, USA.

Plasma and urine metabolic fingerprinting of type 1 diabetic children.

Reduction of CC-chemokine ligand 5 by aryl hydrocarbon receptor ligands.

Rapid desensitization induces internalization of antigen-specific IgE on mouse mast cells.

[Role of iron in the treatment of attention deficit-hyperactivity disorder].

[Chronic combined effects of fluoride and arsenite on the Runx2 and downstream related factors of bone metabolism in rats].

Persistent organic pollutants and hyperuricemia in the U.S. general population.

Associations between plasma persistent organic pollutant levels and blood pressure in Inuit adults from Nunavik.

Neuroprotective effects of nicotinamide N-methyltransferase and its metabolite 1-methylnicotinamide.

Synthesis and evaluation of 1-[2-(4-[(11)C]methoxyphenyl)phenyl]piperazine for imaging of the serotonin 5-HT₇ receptor in the rat brain.

Low-dose food contaminants trigger sex-specific, hepatic metabolic changes in the progeny of obese mice.

Numerous protein-bound solutes are cleared by the kidney with high efficiency.

Relative efficacies of insulin and poly (lactic-co-glycolic) acid encapsulated nano-insulin in modulating certain significant biomarkers in arsenic intoxicated L6 cells.

Plasma p-cresol lowering effect of sevelamer in peritoneal dialysis patients: evidence from a Cross-Sectional Observational Study.

CYP19 expression is induced by 2,3,7,8-tetrachloro-dibenzo-para-dioxin in human glioma cells.

Addressing historic environmental exposures along the Alaska Highway.

Effect of huanglianjiedu tang on fever in rats induced by 2, 4-dinitrophenol.

Diabetes, metabolic syndrome, and obesity in relation to serum dioxin concentrations: the Seveso women's health study.

Proteomic analysis of primary cultured rat cortical neurons in chemical ischemia.

Individuals' half-lives for 2,3,4,7,8-penta-chlorodibenzofuran (PeCDF) in blood: correlation with clinical manifestations and laboratory results in subjects with Yusho.

Malassezia yeasts produce a collection of exceptionally potent activators of the Ah (dioxin) receptor detected in diseased human skin.

Role of the Toll Like receptor (TLR) radical cycle in chronic inflammation: possible treatments targeting the TLR4 pathway.

Sensitizing capacity of Disperse Orange 1 and its potential metabolites from azo reduction and their cross-reactivity pattern.

Hyperuricemia after exposure to polychlorinated dibenzo-p-dioxins and dibenzofurans near a highly contaminated area.

Renal metabolic profiling of early renal injury and renoprotective effects of Poria cocos epidermis using UPLC Q-TOF/HSMS/MSE.

A prospective study of arsenic exposure, arsenic methylation capacity, and risk of cardiovascular disease in Bangladesh.

Evaluation of the association between persistent organic pollutants (POPs) and diabetes in epidemiological studies: a national toxicology program workshop review.

Proteomic analysis of arsenic-exposed zebrafish (*Danio rerio*) identifies altered expression in proteins involved in fibrosis and lipid uptake in a gender-specific manner.

Novel cell-based assay reveals associations of circulating serum AhR-ligands with metabolic syndrome and mitochondrial dysfunction.

Abscisic Acid Promotes Susceptibility to the Rice Leaf Blight Pathogen *Xanthomonas oryzae pv oryzae* by Suppressing Salicylic Acid-Mediated Defenses.

Does p-cresylglucuronide have the same impact on mortality as other protein-bound uremic toxins?

Levels of pesticides and their metabolites in Wistar rat amniotic fluids and maternal urine upon gestational exposure.

Iron plays a certain role in patterned hair loss.

Monitoring of deiodinase deficiency based on transcriptomic responses in SH-SY5Y cells.

The human Ah receptor: hints from dioxin toxicities to deregulated target genes and physiological functions.

Multidrug resistance protein 1 (ABCC1) confers resistance to arsenic compounds in human myeloid leukemic HL-60 cells.

Metabolism of arsenic and its toxicological relevance.

Dioxin-like compounds are not associated with bone strength measured by ultrasonography in Inuit women from Nunavik (Canada): results of a cross-sectional study.

Circulating levels of persistent organic pollutants (POPs) are associated with left ventricular systolic and diastolic dysfunction in the elderly.

Action of hexachlorobenzene on tumor growth and metastasis in different experimental models.

Teratogenic effects of 4-nonylphenol on early embryonic and larval development of the catfish *Heteropneustes fossilis*.

The aryl hydrocarbon receptor: a novel target for immunomodulation in organ transplantation.

Gastrointestinal stromal tumors, somatic mutations and candidate genetic risk variants.

The changes in dioxin concentrations in the blood of Yusho patients from 2004 to 2010.

Development of a newly large-volume injection system for dioxin determinations in blood of Yusho patients.

[Serum levels of IL-10 and IL-35 in Yusho patients].

[Serum levels of IL-21 and TGF-beta in the Yusho patients].

[Relationships between concentrations of dioxin isomers and symptoms, and among concentrations and half-lives of dioxin isomers, in patients with Yusho disease].

Aryl hydrocarbon receptor and lung cancer.

Exposure to persistent organic pollutants and risk of hypertension among Inuit from Greenland.

The influence of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on hematological parameters during experimentally induced pleuritis in rats.

An integrated plasma and urinary metabolomic study using UHPLC-MS: intervention effects of *Epimedium koreanum* on 'Kidney-Yang Deficiency syndrome' rats.

Inhibition of constitutive aryl hydrocarbon receptor (AhR) signaling attenuates androgen independent signaling and growth in (C4-2) prostate cancer cells.

Differences in urinary arsenic metabolites between diabetic and non-diabetic subjects in Bangladesh.

Role of hepatic and pancreatic oxidative stress in arsenic induced diabetic condition in Wistar rats.

Exhaled breath and fecal volatile organic biomarkers of chronic kidney disease.

Impaired mitochondrial metabolism and mammary carcinogenesis.

Evaluation of gene expression changes in human primary uroepithelial cells following 24-hr exposures to inorganic arsenic and its methylated metabolites.

Peripheral neuropathy due to dinitrophenol used for weight loss: something old, something new.

Intrarenal metabolomic investigation of chronic kidney disease and its TGF- β 1 mechanism in induced-adenine rats using UPLC Q-TOF/HSMS/MS(E).

Blood levels of PCDDs, PCDFs, and coplanar PCBs in Yusho mothers and their descendants: association with fetal Yusho disease.

Chemical genetics of acetyl-CoA carboxylases.

Dioxin suppresses benzo[a]pyrene-induced mutations and DNA adduct formation through cytochrome P450 1A1 induction and (\pm)-anti-benzo[a]pyrene-7,8-diol-9,10-epoxide inactivation in human hepatoma cells.

The effect of cigarette smoke and arsenic exposure on urothelial carcinoma risk is modified by glutathione S-transferase M1 gene null genotype.

Cultured human peripheral blood mononuclear cells alter their gene expression when challenged with endocrine-disrupting chemicals.

Dynamics of organohalogenated contaminants in human serum from obese individuals during one year of weight loss treatment.

A computational approach to chemical etiologies of diabetes.

The role of aryl hydrocarbon receptor-regulated cytochrome P450 enzymes in glioma.

Increased kidney metabolism as a pathway to kidney tissue hypoxia and damage: effects of triiodothyronine and dinitrophenol in normoglycemic rats.

Correlations between BRCA1 defect and environmental factors in the risk of breast cancer.

Successful treatment of severe iron intoxication with gastrointestinal decontamination, deferoxamine, and hemodialysis.

Interactions between urinary 4-tert-octylphenol levels and metabolism enzyme gene variants on idiopathic male infertility.

2,3,7,8-Tetrachlorodibenzo-p-dioxin promotes BHV-1 infection in mammalian cells by interfering with iron homeostasis regulation.

A genetically encoded FRET lactate sensor and its use to detect the Warburg effect in single cancer cells.

Warburg and Crabtree effects in premalignant Barrett's esophagus cell lines with active mitochondria.

Basolateral invasion and trafficking of *Campylobacter jejuni* in polarized epithelial cells.

In vivo efficacy of ferrihydrite as an enterosorbent for arsenic: short-term evaluation in rodents.

Polybrominated diphenyl ethers alter hepatic phosphoenolpyruvate carboxykinase enzyme kinetics in male Wistar rats: implications for lipid and glucose metabolism.

p-Cresyl sulfate promotes insulin resistance associated with CKD.

Iron autointoxication in a 16-year-old girl: a protective role for hepcidin?

Uremic toxins inhibit renal metabolic capacity through interference with glucuronidation and mitochondrial respiration.

TCDD-elicited effects on liver, serum, and adipose lipid composition in C57BL/6 mice.

Dioxins: diagnostic and prognostic challenges arising from complex mechanisms.

Metabolomics reveals differential levels of oral metabolites in HIV-infected patients: toward novel diagnostic targets.

Effect of metabolic inhibitors on growth and carotenoid production in *Dunaliella bardawil*.

Utilizing toxicogenomic data to understand chemical mechanism of action in risk assessment.

Construction and characterization of peroxisome proliferator-activated receptor-gamma co-activator 1 alpha (PGC-1 α) over-expressing cell line derived from human hepatocyte carcinoma HepG2 cells).

Mitochondria-targeted antioxidants and metabolic modulators as pharmacological interventions to slow ageing.

Vanadium toxicity in mice: possible impairment of lipid metabolism and mucosal epithelial cell necrosis in the small intestine.

Inhibition of hepatocyte nuclear factor 1 and 4 alpha (HNF1 α and HNF4 α) as a mechanism of arsenic carcinogenesis.

The relationship between dioxins and salivary steroid hormones in Vietnamese primiparae.

Complete genome, catabolic sub-proteomes and key-metabolites of *Desulfobacula toluolica* Tol2, a marine, aromatic compound-degrading, sulfate-reducing bacterium.

Linkages between the life-history evolution of tropical and temperate birds and the resistance of cultured skin fibroblasts to oxidative and non-oxidative chemical injury.

Biotransformation of BDE-47 to potentially toxic metabolites is predominantly mediated by human CYP2B6.

Surface fluorescence studies of tissue mitochondrial redox state in isolated perfused rat lungs.

AhR-mediated changes in global gene expression in rat liver progenitor cells.

Comparison of TCDD-elicited genome-wide hepatic gene expression in Sprague-Dawley rats and C57BL/6 mice.

Monolithic columns in plant proteomics and metabolomics.

Sequential determination of metabolites involved in the biosynthesis of aromatic amino acids after ultrasound-assisted extraction from plants and reverse LC separation.

Contrasting retinoid and thyroid hormone status in differentially-contaminated northern fulmar colonies from the Canadian Arctic, Svalbard and the Faroe Islands.

Characterization of the carrier-mediated transport of ketoprofen, a nonsteroidal anti-inflammatory drug, in rabbit corneal epithelium cells.

Simultaneous monitoring of seven phenolic metabolites of endocrine disrupting compounds (EDC) in human urine using gas chromatography with tandem mass spectrometry.

Testosterone protects female embryonic heart H9c2 cells against severe metabolic stress by activating estrogen receptors and up-regulating IES SUR2B.

The toxicity of the N-hydroxy and 6-hydroxy metabolites of 3,4-dichloropropionanilide does not depend on calcium release-activated calcium channel inhibition.

Investigation of ifosfamide nephrotoxicity induced in a liver-kidney co-culture biochip.

2,3,7,8-Tetrachlorodibenzo-p-dioxin enhances CCl₄-induced hepatotoxicity in an aryl hydrocarbon receptor-dependent manner.

Predicting fish acute toxicity using a fish gill cell line-based toxicity assay.

A multimethod for the determination of 150 pesticide metabolites in surface water and groundwater using direct injection liquid chromatography-mass spectrometry.

Metabolic characteristics of the species *Variovorax paradoxus*.

Distribution variation of a metabolic uncoupler, 2,6-dichlorophenol (2,6-DCP) in long-term sludge culture and their effects on sludge reduction and biological inhibition.

Aldo-keto reductases mediate constitutive and inducible protection against aldehyde toxicity in human neuroblastoma SH-SY5Y cells.

Levels of PCBs in wild bird eggs: considering toxicity through enzyme induction potential and molecular structure.

Evolutionary, genetic, environmental and hormonal-induced plasticity in the fate of organs arising from axillary meristems in *Passiflora* spp.

Effects of butachlor on reproduction and hormone levels in adult zebrafish (*Danio rerio*).

Visible light alters yeast metabolic rhythms by inhibiting respiration.

Toxicity of polyamines and their metabolic products.

The synthesis and biodistribution of [(11)C]metformin as a PET probe to study hepatobiliary transport mediated by the multi-drug and toxin extrusion transporter 1 (MATE1) in vivo.

Seed germination-influencing bioactive secondary metabolites secreted by the endophyte *Cladosporium cladosporioides* LWL5.

[Classical oxazaphosphorines--metabolism and therapeutic properties--new implications].

Glyphosate, pathways to modern diseases II: Celiac sprue and gluten intolerance.

Demonstration of ATP-dependent, transcellular transport of lipid across the lymphatic endothelium using an in vitro model of the lacteal.

Effect of selenomethionine supplementation in food on the excretion and toxicity of arsenic exposure in female mice.

Metabolism of L-methionine linked to the biosynthesis of volatile organic sulfur-containing compounds during the submerged fermentation of *Tuber melanosporum*.

A single gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin disrupts the adult uterine response to estradiol in mice.

Effects of oral anorexiant sibutramine on the expression of cytochromes P450s in human hepatocytes and cancer cell lines.

Structure-activity relationship of selected meta- and para-hydroxylated non-dioxin like polychlorinated biphenyls: from single RyR1 channels to muscle dysfunction.

Biomonitoring of non-dioxin-like polychlorinated biphenyls in transgenic *Arabidopsis* using the mammalian pregnane X receptor system: a role of pectin in pollutant uptake.

Characterization of bladder sensory neurons in the context of myelination, receptors for pain modulators, and acute responses to bladder inflammation.

Imidazolium-based ionic liquid-type surfactant as pseudostationary phase in micellar electrokinetic chromatography of highly hydrophilic urinary nucleosides.

Degradation of 2,4-dinitroanisole (DNAN) by metabolic cooperative activity of *Pseudomonas* sp. strain FK357 and *Rhodococcus imtechensis* strain RKJ300.

The aryl receptor inhibitor epigallocatechin-3-gallate protects INS-1E beta-cell line against acute dioxin toxicity.

Dioxin pollution disrupts reproduction in male Japanese field mice.

Biomarkers of oral exposure to 3-nitro-1,2,4-triazol-5-one (NTO) and 2,4-dinitroanisole (DNAN) in blood and urine of rhesus macaques (*Macaca mulatta*).

Effective synthesis of sulfate metabolites of chlorinated phenols.

Military risk factors for cognitive decline, dementia and Alzheimer's disease.

Stereoselective toxicity and metabolism of lactofen in primary hepatocytes from rat.

Gastrointestinal stromal tumors: a case-only analysis of single nucleotide polymorphisms and somatic mutations.

670 nm light mitigates oxygen-induced degeneration in C57BL/6J mouse retina.

Assessment of arsenic exposure by measurement of urinary speciated inorganic arsenic metabolites in workers in a semiconductor manufacturing plant.

A novel ion pairing LC/MS metabolomics protocol for study of a variety of biologically relevant polar metabolites.

Potential role of epigenetic mechanisms in the regulation of drug metabolism and transport.

Emerging pesticide metabolites in groundwater and surface water as determined by the application of a multimethod for 150 pesticide metabolites.

p-Cresyl sulfate induces osteoblast dysfunction through activating JNK and p38 MAPK pathways.

Luteinizing hormone receptor (*Lhcgr*) as a marker gene for characterizing estrogenic endocrine-disrupting chemicals in zebrafish ovarian follicle cells.

Urinary glycol ether metabolites in women and time to pregnancy: the PELAGIE cohort.

Metabolomic characterization of rhubarb species by capillary electrophoresis and ultra-high-pressure liquid chromatography.

Resveratrol stimulates mitochondrial bioenergetics to protect retinal pigment epithelial cells from oxidative damage.

Gene expression and pathologic alterations in juvenile rainbow trout due to chronic dietary TCDD exposure.

In vitro neuroendocrine effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the AhR-expressing hypothalamic rat GnV-3 cell line.

Waterborne exposure of zebrafish embryos to micromole concentrations of ioxynil and diethylstilbestrol disrupts thyrocyte development.

Serum arylhydrocarbon receptor transactivating activity is elevated in type 2 diabetic patients with diabetic nephropathy.

Sexually dimorphic behavior after developmental exposure to characterize endocrine-mediated effects of different non-dioxin-like PCBs in rats.

The position of imidazopyridine and metabolic activation are pivotal factors in the antimutagenic activity of novel imidazo[1,2-a]pyridine derivatives.

Hyperglycaemia and oxidative stress upregulate HSP60 & HSP70 expression in HeLa cells.

Chemistry of the sternal gland secretion of the Mediterranean centipede *Himantarium gabrielis* (Linnaeus, 1767) (Chilopoda: Geophilomorpha: Himantariidae).

NDL-PCBs in muscle of the European catfish (*Silurus glanis*): an alert from Italian rivers.

The aryl hydrocarbon receptor interacts with nuclear factor erythroid 2-related factor 2 to mediate induction of NAD(P)H:quinoneoxidoreductase 1 by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Assessing effects of environmental chemicals on neuroendocrine systems: potential mechanisms and functional outcomes.

Quantitative and qualitative differences in the metabolism of pesticides in biobed substrates and soil.

Effects of endocrine disrupting chemicals on in vitro global DNA methylation and adipocyte differentiation.

Perinatal exposure to purity-controlled polychlorinated biphenyl 52, 138, or 180 alters toxicogenomic profiles in peripheral blood of rats after 4 months.

Emerging causes of iron deficiency anemia refractory to oral iron supplementation.

Influence of GSTT1 Genetic Polymorphisms on Arsenic Metabolism.

Serum metabolomic perturbations among workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Evaluating effects of penicillin treatment on the metabolome of rats.

Cell to organ: physiological, immunotoxic and oxidative stress responses of *Lamellidens marginalis* to inorganic arsenite.

Relative effect potency estimates of dioxin-like activity for dioxins, furans, and dioxin-like PCBs in adults based on two thyroid outcomes.

Biomarkers of toluene exposure in rats: mercapturic acids versus traditional indicators (urinary hippuric acid and o-cresol and blood toluene).

Tandem enzymatic oxygenations in biosynthesis of epoxyquinone pharmacophore of manumycin-type metabolites.

Transjecting growth hormone: continuous nightmare or controlled nuisance? Evaluation of a new needle-free device.

Bridging the gap between gene expression and metabolic phenotype via kinetic models.

Metformin increases mitochondrial energy formation in L6 muscle cell cultures.

Microbial-mammalian cometabolites dominate the age-associated urinary metabolic phenotype in Taiwanese and American populations.

Statistically enhanced spectral counting approach to TCDD cardiac toxicity in the adult zebrafish heart.

Study the catalyzing mechanism of dissolved redox mediators on bio-denitrification by metabolic inhibitors.

Oxidative DNA damage after acute exposure to arsenite and monomethylarsonous acid in biomethylation-deficient human cells.

Persistent toxic burdens of halogenated phenolic compounds in humans and wildlife.

Arsenic speciation in the blood of arsenite-treated F344 rats.

External inorganic N source enhances the uptake of As species in garland chrysanthemum (*C. coronarium*) amended with chicken manure bearing roxarsone and its metabolites.

Cyp1a reporter zebrafish reveals target tissues for dioxin.

Mitochondrial targeting of mouse NQO1 and CYP1B1 proteins.

The role of p38 in mitochondrial respiration in male and female mice.

Genetic association of aromatic hydrocarbon receptor (AHR) and cytochrome P450, family 1, subfamily A, polypeptide 1 (CYP1A1) polymorphisms with dioxin blood concentrations among pregnant Japanese women.

A screen for disruptors of the retinol (vitamin A) signaling pathway.

Physiological roles of mycothiol in detoxification and tolerance to multiple poisonous chemicals in *Corynebacterium glutamicum*.

Dietary carnosine prevents early atherosclerotic lesion formation in apolipoprotein E-null mice.

Physiology and toxicology of hormone-disrupting chemicals in higher plants.

Dietary exposure of juvenile female mice to polyhalogenated seafood contaminants (HBCD, BDE-47, PCB-153, TCDD): comparative assessment of effects in potential target tissues.

Protective effect of conjugated linolenic acid isomers present in vegetable oils against arsenite-induced renal toxicity in rat model.

Cold response of dedifferentiated barley cells at the gene expression, hormone composition, and freezing tolerance levels: studies on callus cultures.

Metabolomic profiling of in vivo plasma responses to dioxin-associated dietary contaminant exposure in rats: implications for identification of sources of animal and human exposure.

Anti-neurotrophic effects from autoantibodies in adult diabetes having primary open angle glaucoma or dementia.

The atrazine metabolite diaminochlorotriazine suppresses LH release from murine L \hat{H}^2 T2 cells by suppressing GnRH-induced intracellular calcium transients.

[On seeds and synthetic metabolism].

A novel dominant selectable system for the selection of transgenic plants under in vitro and greenhouse conditions based on phosphite metabolism.

AhR-mediated effects of dioxin on neuronal acetylcholinesterase expression in vitro.

Comparative analysis of temporal and dose-dependent TCDD-elicited gene expression in human, mouse, and rat primary hepatocytes.

Quantitative structural insight into human variegate porphyria disease.

Metabolism of profenofos to 4-bromo-2-chlorophenol, a specific and sensitive exposure biomarker.

[The gender-specific effect of maternal exposure to dioxin on fetal steroidogenesis in the adrenal gland].

Determination of urinary 6-mercaptopurine and three of its metabolites by HPLC-UV coupled with the iodine-azide reaction.

Early membrane events induced by salicylic acid in motor cells of the *Mimosa pudica* pulvinus.

Variation of content of lipid classes, sterols and fatty acids in gonads and digestive glands of *Scrobicularia plana* in relation to environment pollution levels.

Accumulation and half-lives of 13 pesticides in muscle tissue of freshwater fishes through food exposure.

Biotransformation pathways of biocides and pharmaceuticals in freshwater crustaceans based on structure elucidation of metabolites using high resolution mass spectrometry.

High-performance metabolic profiling with dual chromatography-Fourier-transform mass spectrometry (DC-FTMS) for study of the exposome.

Pulmonary GLP-1 receptor increases at birth and exogenous GLP-1 receptor agonists augmented surfactant-protein levels in litters from normal and nitrofen-treated pregnant rats.

Global metabolomics and targeted steroid profiling reveal that rifampin, a strong human PXR activator, alters endogenous urinary steroid markers.

Quenching of tryptophan fluorescence in the presence of 2,4-DNP, 2,6-DNP, 2,4-DNA and DNOC and their mechanism of toxicity.

Metabolic profiling of the impact of oligofructose-enriched inulin in Crohn's disease patients: a double-blinded randomized controlled trial.

Therapeutic effects of smecta or smectite powder on rats with paraquat toxication.

Suppression of advanced glycation and lipoxidation end products by angiotensin II type-1 receptor blocker candesartan in type 2 diabetic patients with essential hypertension.

Correlation between Serum Levels of Protein-Bound Uremic Toxins in Hemodialysis Patients Measured by LC/MS/MS.

In vitro effects of TCDD, PCB126 and PCB153 on estrogen receptors, caspases and metalloproteinase-2 mRNA expression in the chicken shell gland.

Treatment of mice with 2,3,7,8-Tetrachlorodibenzo-p-dioxin markedly increases the levels of a number of cytochrome P450 metabolites of omega-3 polyunsaturated fatty acids in the liver and lung.

Human cell toxicogenomic analysis linking reactive oxygen species to the toxicity of monohaloacetic acid drinking water disinfection byproducts.

Polyamines and their metabolites as diagnostic markers of human diseases.

Bisphenol a in chronic kidney disease.

Cancer incidence in pulmonary vasculitis.

Role of lipid peroxidation-derived $\hat{\pm}$, $\hat{2}$ -unsaturated aldehydes in vascular dysfunction.

Action of Halowax 1051 on Enzymes of Phase I (CYP1A1) and Phase II (SULT1A and COMT) Metabolism in the Pig Ovary.

Neonatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin increases the mRNA expression of prostatic proteins in C57BL mice.

Atrazine and nitrate in public drinking water supplies and non-hodgkin lymphoma in nebraska, USA.

Metabolic signatures of extreme longevity in northern Italian centenarians reveal a complex remodeling of lipids, amino acids, and gut microbiota metabolism.

A new experimental model of ATP-sensitive $\hat{2}$ channel-independent insulinotropic action of glucose: a permissive role of cAMP for triggering of insulin release from rat pancreatic $\hat{2}$ -cells.

A computational model to predict rat ovarian steroid secretion from in vitro experiments with endocrine disruptors.

In vitro propagation of ash (*Fraxinus excelsior* L.) by somatic embryogenesis.

Diurnal variation in probability of death following self-poisoning in Sri Lanka--evidence for chronotoxicity in humans.

The oxidative damage and inflammation caused by pesticides are reverted by lipoic acid in rat brain.

Acrolein cytotoxicity in hepatocytes involves endoplasmic reticulum stress, mitochondrial dysfunction and oxidative stress.

Atrazine acts as an endocrine disrupter by inhibiting cAMP-specific phosphodiesterase-4.

Toxicity of atrazine and nonylphenol in juvenile rainbow trout (*Oncorhynchus mykiss*): effects on general health, disease susceptibility and gene expression.

Long term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize.

Atrazine promotes biochemical changes and DNA damage in a Neotropical fish species.

Comment on "Glyphosate impairs male offspring reproductive development by disrupting gonadotropin expression" by Romano et al. 2012.

Feasibility of the extended one-generation reproductive toxicity study (OECD 443).

Effects of herbicide mixture on microbial communities in prairie wetland ecosystems: a whole wetland approach.

Activator protein-1 regulation of murine aldehyde dehydrogenase 1a1.

Mechanisms underlying the inhibitory effects of arsenic compounds on protein tyrosine phosphatase (PTP).

Atrazine effects on antioxidant status and xenobiotic metabolizing enzymes after oral administration in peripubertal male rat.

Oxidative stress response in two representative bacteria exposed to atrazine.

L-Theanine extends lifespan of adult *Caenorhabditis elegans*.

Acute and chronic toxicity of Betanal(®)Expert and its active ingredients on nontarget aquatic organisms from different trophic levels.

Protective role of glutathione reductase in paraquat induced neurotoxicity.

HRMAS NMR as a tool to study metabolic responses in heart clam *Ruditapes decussatus* exposed to Roundup®.

Hepatic protein expression networks associated with masculinization in the female fathead minnow (*Pimephales promelas*).

Developing in vitro reporter gene assays to assess the hormone receptor activities of chemicals frequently detected in drinking water.

Fibroblasts from long-lived mutant mice exhibit increased autophagy and lower TOR activity after nutrient deprivation or oxidative stress.

Impacts of low doses of pesticide mixtures on liver cell defence systems.

The protective effects of quercetin on the cytotoxicity of atrazine on rat Sertoli-germ cell co-culture.

Isolation and expression of genes for acetolactate synthase and acetyl-CoA carboxylase in *Echinochloa phyllopogon*, a polyploid weed species.

Damage to DNA caused by UV-B radiation in the desert cyanobacterium *Scytonema javanicum* and the effects of exogenous chemicals on the process.

Non-target-site-based resistance to ALS-inhibiting herbicides in six *Bromus rigidus* populations from Western Australian cropping fields.

Molecular dissection of atrazine-responsive transcriptome and gene networks in rice by high-throughput sequencing.

Responses of growth performance and tryptophan metabolism to oxidative stress induced by diquat in weaned pigs.

The combined effects of UV-B radiation and herbicides on photosynthesis, antioxidant enzymes and DNA damage in two bloom-forming cyanobacteria.

Determination of vitamin A and its metabolites in rat testis: possible involvement of vitamin A in testicular toxicity caused by molinate.

Uncaria tomentosa extracts protect human erythrocyte catalase against damage induced by 2,4-D-Na and its metabolites.

Hormones and endocrine-disrupting chemicals: low-dose effects and nonmonotonic dose responses.

Characterization of endocrine-disrupting chemicals based on hormonal balance disruption in male and female adult rats.

Contrasted effects of an oxidative challenge and α -melanocyte-stimulating hormone on cellular immune responsiveness: an experiment with red-legged partridges *Alectoris rufa*.

[Associations of exposure to dioxins and polychlorinated biphenyls with diabetes: based on epidemiological findings].

Assessing the impact of chloroacetanilide herbicides and their metabolites on periphyton in the Leyre River (SW France) via short term growth inhibition tests on autochthonous diatoms.

Effects of herbicide applications in wheat fields: is phytohormones application a remedy?

Atrazine does not induce pica behavior at doses that increase hypothalamic-pituitary-adrenal axis activation and cause conditioned taste avoidance.

[Paraquat poisoning. Case report and overview].

Investigate the chronic neurotoxic effects of diquat.

Overexpression of TFAM, NRF-1 and myr-AKT protects the MPP(+)-induced mitochondrial dysfunctions in neuronal cells.

Farmers' exposure to herbicides in North Italy: assessment under real-life conditions in small-size rice and corn farms.

The greening of pesticide-environment interactions: some personal observations.

Comparative effects of the herbicides chlortoluron and mesotrione on freshwater microalgae.

A mixture of an environmentally realistic concentration of a phthalate and herbicide reduces testosterone in male fathead minnow (*Pimephales promelas*) through a novel mechanism of action.

Bioaccumulation and catabolism of prometryne in green algae.

Analyses of gene expression and physiological changes in *Microcystis aeruginosa* reveal the phytotoxicities of three environmental pollutants.

Early cytotoxic and genotoxic effects of atrazine on Wistar rat liver: a morphological, immunohistochemical, biochemical, and molecular study.

Glyphosate impairs male offspring reproductive development by disrupting gonadotropin expression.

Extension of *Drosophila* lifespan by *Rosa damascena* associated with an increased sensitivity to heat.

DNA damage in fish (*Anguilla anguilla*) exposed to a glyphosate-based herbicide -- elucidation of organ-specificity and the role of oxidative stress.

Renal, hepatic, pulmonary and adrenal tumors induced by prenatal inorganic arsenic followed by dimethylarsinic acid in adulthood in CD1 mice.

Insights into the toxicity mechanism of and cell response to the herbicide 2,4-D in plants.

Effects of manganese and arsenic species on the level of energy related nucleotides in human cells.

A glyphosate-based herbicide induces necrosis and apoptosis in mature rat testicular cells in vitro, and testosterone decrease at lower levels.

Flow cytometric analysis to evaluate physiological alterations in herbicide-exposed *Chlamydomonas moewusii* cells.

Involvement of NADPH oxidase and glutathione in zinc-induced dopaminergic neurodegeneration in rats: similarity with paraquat neurotoxicity.

A comparison of two human cell lines and two rat gonadal cell primary cultures as in vitro screening tools for aromatase modulation.

Phytotoxic effect of 2-benzoxazolinone (BOA) against some vegetable crops.

Dramatic increase in glycerol biosynthesis upon oxidative stress in the anaerobic protozoan parasite *Entamoeba histolytica*.

Disturbed relaxin signaling pathway and testicular dysfunction in mouse offspring upon maternal exposure to simazine.

Species-dependent effects of the phenolic herbicide ioxynil with potential thyroid hormone disrupting activity: modulation of its cellular uptake and activity by interaction with serum thyroid hormone-binding proteins.

Inhibition of TDP-43 accumulation by bis(thiosemicarbazonato)-copper complexes.

Effects of butachlor on estrogen receptor, vitellogenin and P450 aromatase gene expression in the early life stage of zebrafish.

Identification and mechanism of *Echinochloa crus-galli* resistance to fenoxaprop-p-ethyl with respect to physiological and anatomical differences.

Toxic effects of four sulphonylureas herbicides on soil microbial biomass.

Gene expression responses linked to reproduction effect concentrations (EC 10,20,50,90) of dimethoate, atrazine and carbendazim, in *Enchytraeus albidus*.

Genome-wide association analysis of oxidative stress resistance in *Drosophila melanogaster*.

Developmental and reproductive outcomes in humans and animals after glyphosate exposure: a critical analysis.

4-iodophenyl isothiocyanate: a neuroprotective compound.

Prevention of paraquat-induced apoptosis in human neuronal SH-SY5Y cells by lipocalin-type prostaglandin D synthase.

Tissue biochemical alterations of *Cyprinus carpio* exposed to commercial herbicide containing clomazone under rice-field conditions.

A possible role of acrolein in diabetic retinopathy: involvement of a VEGF/TGF β ² signaling pathway of the retinal pigment epithelium in hyperglycemia.

Anticancer system created by acrolein and hydroxyl radical generated in enzymatic oxidation of spermine and other biochemical reactions.

Whole genome expression profile in neuroblastoma cells exposed to 1-methyl-4-phenylpyridine.

Transient receptor potential channels mediate the tussive response to prostaglandin E2 and bradykinin.

Antihyperglycemic and antihyperlipidemic action of cinnamaldehyde in C57BLKS/J db/db mice.

Methylation capacity of arsenic and skin lesions in smelter plant workers.

GC-MS analysis and screening of antidiabetic, antioxidant and hypolipidemic potential of Cinnamomum tamala oil in streptozotocin induced diabetes mellitus in rats.

Systematic review of pentachlorophenol occurrence in the environment and in humans in China: not a negligible health risk due to the re-emergence of schistosomiasis.

Protein carbonylation in a murine model for early alcoholic liver disease.

Targeting acetyl-CoA carboxylases: small molecular inhibitors and their therapeutic potential.

Inverse correlation between stroke and urinary 3-hydroxypropyl mercapturic acid, an acrolein-glutathione metabolite.

Hypothesis: Estrogen related thrombosis explains the pathogenesis and epidemiology of gastroschisis.

Expansins are involved in cell growth mediated by abscisic acid and indole-3-acetic acid under drought stress in wheat.

Enhanced catabolism to acetaldehyde in rostral ventrolateral medullary neurons accounts for the pressor effect of ethanol in spontaneously hypertensive rats.

Ingestion of cinnamaldehyde, a TRPA1 agonist, reduces visceral fats in mice fed a high-fat and high-sucrose diet.

Methylglyoxal activates the human transient receptor potential ankyrin 1 channel.

The relationship between obesity, insulin and arsenic methylation capability in Taiwan adolescents.

Anti-diabetic effects of TongGuanWan, a Chinese traditional herbal formula, in C57BL/KsJ-db/db mice.

Acute intoxication with the adjuvant itself for Gramoxone INTEON.

[Effect on different concentrations of exogenous hormones on baicalin in *Scutellaria baicalensis* callus].

Effects of exogenous methionine on arsenic burden and NO metabolism in brain of mice exposed to arsenite through drinking water.

Plants as biofactories: glyphosate-induced production of shikimic acid and phenolic antioxidants in wounded carrot tissue.

Metabolic ability and individual characteristics of an atrazine-degrading consortium DNC5.

High performance liquid chromatography-tandem mass spectrometry method for quantifying phenylurea herbicides and their main metabolites in amended and unamended soils.

Electrophilic aldehydes generated by sperm metabolism activate mitochondrial reactive oxygen species generation and apoptosis by targeting succinate dehydrogenase.

[Effects of high temperature and hydrogen cyanamide on dormant nectarine's floral bud respiratory metabolism].

Alterations in bioenergetic function induced by Parkinson's disease mimetic compounds: lack of correlation with superoxide generation.

Evolutions of microbial degradation pathways for parent xenobiotic and for its metabolites follow different schemes.

Enantioselective damage of diclofop acid mediated by oxidative stress and acetyl-CoA carboxylase in nontarget plant *Arabidopsis thaliana*.

Comparative computational modeling of airflows and vapor dosimetry in the respiratory tracts of rat, monkey, and human.

Two-dimensional high performance liquid chromatography separation and tandem mass spectrometry detection of atrazine and its metabolic and hydrolysis products in urine.

Decrease of herbicide bromobutide and its debromo metabolite in paddy field soil during 24 weeks after application.

Effects of auxins on the production of steroidal alkaloids in rapidly proliferating tissue and cell cultures of *Solanum lyratum*.

[Effects of typical herbicides on soil respiration and N₂O emissions from soil added with different nitrogen fertilizers].

In vitro metabolic fate of alizapride: evidence for the formation of reactive metabolites based on liquid chromatography-tandem mass spectrometry.

Transepithelial transport of 4-chloro-2-methylphenoxyacetic acid (MCPA) across human intestinal Caco-2 cell monolayers.

Diurnal dependence of growth responses to shade in *Arabidopsis*: role of hormone, clock, and light signaling.

Urinary metabolites as biomarkers of human exposure to atrazine: atrazine mercapturate in agricultural workers.

Development of *Agrobacterium*-mediated transformation technology for mature seed-derived callus tissues of indica rice cultivar IR64.

Use of a potentiometric vital dye to determine the effect of the herbicide bromoxynil octanoate on mitochondrial bioenergetics in *Chlamydomonas reinhardtii*.

Variability of retention process of isoxaflutole and its diketone nitrile metabolite in soil under conventional and conservation tillage.

Physionomics and metabolomics—two key approaches in herbicidal mode of action discovery.

Intermediate accumulation of metabolites results in a bottleneck for mineralisation of the herbicide metabolite 2,6-dichlorobenzamide (BAM) by *Aminobacter* spp.

Metabolite profiling of maize kernels—genetic modification versus environmental influence.

Effect of exogenous electron shuttles on growth and fermentative metabolism in *Clostridium* sp. BC1.

Impairment of cellulose- and cellobiose-degrading soil Bacteria by two acidic herbicides.

Absorption, translocation and metabolism of metamilon in *Chenopodium album*.

Use of liquid chromatography/electrospray ionization tandem mass spectrometry to study the degradation pathways of terbuthylazine (TER) by *Typha latifolia* in constructed wetlands: identification of a new TER metabolite.

Disruption of alternative NAD(P)H dehydrogenases leads to decreased mitochondrial ROS in *Neurospora crassa*.

Thioredoxin reductase deficiency potentiates oxidative stress, mitochondrial dysfunction and cell death in dopaminergic cells.

Combinatorial genetic transformation of cereals and the creation of metabolic libraries for the carotenoid pathway.

Cellular toxicity of surfactants used as herbicide additives.

Modulation of the metabolism of airborne pollutants by glucoraphanin-rich and sulforaphane-rich broccoli sprout beverages in Qidong, China.

Limited uptake, translocation and enhanced metabolic degradation contribute to glyphosate tolerance in *Mucuna pruriens* var. utilis plants.

Impairment of carbon metabolism induced by the herbicide glyphosate.

Uptake of triclopyr (3,5,6-trichloro-2-pyridinyloxyacetic acid) and dicamba (3,6-dichloro-2-methoxybenzoic acid) from the apical membranes of the human intestinal Caco-2 cells.

Quinclorac resistance: a concerted hormonal and enzymatic effort in *Echinochloa phyllopogon*.

The cyclophosphamide metabolite, acrolein, induces cytoskeletal changes and oxidative stress in Sertoli cells.

Effects of a wheat bran extract containing arabinoxylan oligosaccharides on gastrointestinal health parameters in healthy adult human volunteers: a double-blind, randomised, placebo-controlled, cross-over trial.

Arsenic urinary speciation in Mthfr deficient mice injected with sodium arsenate.

PANC-1 cells proliferative response to ionizing radiation is related to GSK-3 β phosphorylation.

Influence of serum in hemodialysis patients on the expression of intestinal and hepatic transporters for the excretion of pravastatin.

Silibinin ameliorates arsenic induced nephrotoxicity by abrogation of oxidative stress, inflammation and apoptosis in rats.

Toxicity of untreated and ozone-treated oil sands process-affected water (OSPW) to early life stages of the fathead minnow (*Pimephales promelas*).

Effects of choline on sodium arsenite-induced neural tube defects in chick embryos.

Reproductive hormone profile and pubertal development in 14-year-old boys prenatally exposed to polychlorinated biphenyls.

Repeated dose toxicity and relative potency of 1,2,3,4,6,7-hexachloronaphthalene (PCN 66) 1,2,3,5,6,7-hexachloronaphthalene (PCN 67) compared to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) for induction of CYP1A1, CYP1A2 and thymic atrophy in female Harlan Sprague-Dawley rats.

Metabolomics identifies an inflammatory cascade involved in dioxin- and diet-induced steatohepatitis.

Tryptophan catabolism in cancer: beyond IDO and tryptophan depletion.

Environmental arsenic exposure and DNA methylation of the tumor suppressor gene p16 and the DNA repair gene MLH1: effect of arsenic metabolism and genotype.

Reduction of Na⁺, K⁺-ATPase activity and expression in cerebral cortex of glutaryl-CoA dehydrogenase deficient mice: a possible mechanism for brain injury in glutaric aciduria type I.

The epigenetic effects of a high prenatal folate intake in male mouse fetuses exposed in utero to arsenic.

Invited review: Efficacy, metabolism, and toxic responses to chlorate salts in food and laboratory animals.

Lack of an association human dioxin detoxification gene polymorphisms with endometriosis in Japanese women: results of a pilot study.

1-(sulfonyl)-5-(arylsulfonyl)indoline as activators of the tumor cell specific M2 isoform of pyruvate kinase.

Engineering of blended nanoparticle platform for delivery of mitochondria-acting therapeutics.

Bath salt intoxication causing acute kidney injury requiring hemodialysis.

Adverse alterations in mitochondrial function contribute to type 2 diabetes mellitus-related endothelial dysfunction in humans.

Associations of dioxins, furans and dioxin-like PCBs with diabetes and pre-diabetes: is the toxic equivalency approach useful?

Progesterone-dependent regulation of endometrial cannabinoid receptor type 1 (CB1-R) expression is disrupted in women with endometriosis and in isolated stromal cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Temperature and cell-type dependency of sulfide effects on mitochondrial respiration.

Eccrine porocarcinoma with carcinomatous lymphangitis in a patient with history of arsenic exposure: a case report.

[Human biomonitoring and variation of haematic parameters in a population exposed to PCB and dioxin near a steel plant in the lower Susa Valley].

Re-analysis of Ranch Hand study supports reverse causation hypothesis between dioxin and diabetes.

Relationship between respiration deficiency and azole resistance in clinical *Candida glabrata*.

Patch testing with the textile dyes Disperse Orange 1 and Disperse Yellow 3 and some of their potential metabolites, and simultaneous reactions to para-amino compounds.

Dimethyl disulfide is an induced systemic resistance elicitor produced by *Bacillus cereus* C1L.

High correlation between clearance of renal protein-bound uremic toxins (indoxyl sulfate and p-cresyl sulfate) and renal water-soluble toxins in peritoneal dialysis patients.

Serum from methimazole-treated patients induces activation of aryl hydrocarbon receptor, a transcription factor that binds to dioxin-response elements.

Glutamine suppresses dinitrophenol fluorobenzene-induced allergic contact dermatitis and itching: inhibition of contact dermatitis by glutamine.

Intracellular accumulation of bilirubin as a defense mechanism against increased oxidative stress.

Mitochondrial inhibition in rat retinal cell cultures as a model of metabolic compromise: mechanisms of injury and neuroprotection.

Yusho: 43 years later.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces a proteomic pattern that defines cleft palate formation in mice.

Metabolite profiling of plasma and urine from rats with TNBS-induced acute colitis using UPLC-ESI-QTOF-MS-based metabolomics--a pilot study.

Non-dioxin-like AhR ligands in a mouse peanut allergy model.

Arsenic methylation, GSTO1 polymorphisms, and metabolic syndrome in an arseniasis endemic area of southwestern Taiwan.

Thyroid hormone metabolism and environmental chemical exposure.

Progesterone receptor is involved in 2,3,7,8-tetrachlorodibenzo-p-dioxin-stimulated breast cancer cells proliferation.

A review of the role of lymphoma markers and occupational and environmental exposures.

Critical role of microsomal prostaglandin E synthase-1 in the hydronephrosis caused by lactational exposure to dioxin in mice.

Tumors and proliferative lesions in adult offspring after maternal exposure to methylarsonous acid during gestation in CD1 mice.

Associations between congenital cryptorchidism in newborn boys and levels of dioxins and PCBs in placenta.

Adipose tissue and bone marrow-derived stem cells react similarly in an ischaemia-like microenvironment.

Quercetin prevents 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced testicular damage in rats.

Aryl hydrocarbon receptor-mediated induction of EBV reactivation as a risk factor for Sjögren's syndrome.

Inorganic arsenic and basal cell carcinoma in areas of Hungary, Romania, and Slovakia: a case-control study.

Assessment of the sensitizing potential of textile disperse dyes and some of their metabolites by the loose-fit coculture-based sensitization assay (LCSA).

Uremic solutes from colon microbes.

A phytochemical approach to experimental metabolic syndrome-associated renal damage and oxidative stress.

Aryl hydrocarbon receptor (AhR) regulates silica-induced inflammation but not fibrosis.

Metformin reduces endogenous reactive oxygen species and associated DNA damage.

Inflammatory pathway genes belong to major targets of persistent organic pollutants in adipose cells.

Selectively increasing the clearance of protein-bound uremic solutes.

A metabonomic study of biochemical changes characteristic of genetically hypertensive rats based on ¹H NMR spectroscopic urinalysis.

Associations of persistent organic pollutants with abdominal obesity in the elderly: The Prospective Investigation of the Vasculature in Uppsala Seniors (PIVUS) study.

Endocrine-active chemicals in mammary cancer causation and prevention.

Synthesis, in silico metabolic and toxicity prediction of some novel imidazolinones derivatives as potent anticonvulsant agents.

[The pharmacological treatment of obesity: past, present and future].

Induction of mitochondrial uncoupling enhances VEGF β , α , ϵ but reduces MCP-1 release in mature 3T3-L1 adipocytes: possible regulatory mechanism through endogenous ER stress and AMPK-related pathways.

[Metabonomic study on protective effect of ethanol extracts of drynariae rhizoma on osteoporosis in rats urine by using UPLC-MS/MS].

Subacute arsenic exposure through drinking water reduces the pharmacodynamic effects of ketoprofen in male rats.

Influence of prenatal organohalogen levels on infant male sexual development: sex hormone levels, testes volume and penile length.

Uncoupling oxidative phosphorylation with 2,4-dinitrophenol promotes development of the adhesion phenotype.

Polychlorinated biphenyl congeners that increase the glucuronidation and biliary excretion of thyroxine are distinct from the congeners that enhance the serum disappearance of thyroxine.

Serum free p-cresyl sulfate levels predict cardiovascular and all-cause mortality in elderly hemodialysis patients--a prospective cohort study.

Aldehyde dehydrogenases and cell proliferation.

Common mechanism underlies repeated evolution of extreme pollution tolerance.

Distinct urinary metabolic profile of human colorectal cancer.

Melatonin as a neuroprotective agent in the rodent models of Parkinson's disease: is it all set to irrefutable clinical translation?

Iron depletion and repletion with ferrous sulfate or electrolytic iron modifies the composition and metabolic activity of the gut microbiota in rats.

Solid phase microextraction, mass spectrometry and metabolomic approaches for detection of potential urinary cancer biomarkers--a powerful strategy for breast cancer diagnosis.

Glutathione-deficient mice are susceptible to TCDD-Induced hepatocellular toxicity but resistant to steatosis.

Mitochondria as pharmacological targets: the discovery of novel anti-obesity mitochondrial uncouplers from Africa's medicinal plants.

Global DNA methylation not increased in chronic hemodialysis patients: a case-control study.

Prenatal exposure to TCDD triggers significant modulation of microRNA expression profile in the thymus that affects consequent gene expression.

Free p-cresol sulfate is associated with survival and function of vascular access in chronic hemodialysis patients.

Oxidative stress-induced glomerular mineralocorticoid receptor activation limits the benefit of salt reduction in Dahl salt-sensitive rats.

Gender differences in transcriptional signature of developing rat testes and ovaries following embryonic exposure to 2,3,7,8-TCDD.

Coupled nitric oxide and autonomic receptor functional responses in the normal and inflamed urinary bladder of the rat.

[Exploring the mechanism of rhizoma coptidis in treating type II diabetes mellitus based on metabolomics by gas chromatography-mass spectrometry].

Exogenous inflammatory acne due to combined application of cosmetic and facial rubbing.

Genome-wide association study identifies chromosome 10q24.32 variants associated with arsenic metabolism and toxicity phenotypes in Bangladesh.

an Obituary for GFR as the main marker for kidney function?

Relevance of protein fermentation to gut health.

Indigenous American ancestry is associated with arsenic methylation efficiency in an admixed population of northwest Mexico.

The cutaneous lesions of dioxin exposure: lessons from the poisoning of Victor Yushchenko.

Maternal exposure to high levels of dioxins in relation to birth weight in women affected by Yusho disease.

Effects of arsenic exposure during the pre- and postnatal development on the puberty of female offspring.

A luminescent cyclometalated iridium(III) complex accumulates in mitochondria and induces mitochondrial shortening by conjugation to specific protein targets.

Effects of carnosine on polyamine levels in red blood cells of patients with hypertonic discirculatory encephalopathy.

1 α ,25 dihydroxyvitamin D₃ enhances cellular defences against UV-induced oxidative and other forms of DNA damage in skin.

p-cresol, but not p-cresylsulphate, disrupts endothelial progenitor cell function in vitro.

Permeation and metabolism of cocaine in the nasal mucosa.

4-Hydroxy-2-nonenal, a reactive product of lipid peroxidation, and neurodegenerative diseases: a toxic combination illuminated by redox proteomics studies.

Metabolism of 4-chloro-2-nitrophenol in a gram-positive bacterium, *Exiguobacterium* sp. PMA.

Arsenic exposure through drinking water is associated with longer telomeres in peripheral blood.

Sustained NMDA receptor activation by spreading depolarizations can initiate excitotoxic injury in metabolically compromised neurons.

[Comparison of the total arsenic concentration between saliva and blood after oral administration of sodium arsenite to rats].

Exposures to endocrine-disrupting chemicals and age of menarche in adolescent girls in NHANES (2003-2008).

The effect of aryl hydrocarbon receptor ligands on the expression of polymerase (DNA directed) kappa (Pol κ), polymerase RNA II (DNA directed) polypeptide A (PolR2a), CYP1B1 and CYP1A1 genes in rat liver.

The enzymes of biotin dependent CO $_2$ metabolism: what structures reveal about their reaction mechanisms.

Serum concentrations of p, p'-DDE, HCB, PCBs and reproductive hormones among men of reproductive age.

Oxidative stress modulates KLF6Full and its splice variants.

Simultaneous analysis of 28 urinary VOC metabolites using ultra high performance liquid chromatography coupled with electrospray ionization tandem mass spectrometry (UPLC-ESI/MSMS).

Anaerobic respiration using a complete oxidative TCA cycle drives multicellular swarming in *Proteus mirabilis*.

Use of magnetic nanoparticles to manipulate the metabolic environment of bacteria for controlled biopolymer synthesis.

Urinary biomarkers of oxidative status.

Small reactive carbonyl compounds as tissue lipid oxidation products; and the mechanisms of their formation thereby.

Aryl hydrocarbon receptor-dependence of dioxin's effects on constitutive mouse hepatic cytochromes P450 and growth hormone signaling components.

The androgenic anabolic steroid tetrahydrogestrinone produces dioxin-like effects via the aryl hydrocarbon receptor.

The contribution of thioredoxin-2 reductase and glutathione peroxidase to H $_2$ O $_2$ detoxification of rat brain mitochondria.

Development of an ion chromatography-inductively coupled plasma-mass spectrometry method to determine inorganic arsenic in liver from chickens treated with roxarsone.

Identification of novel bioactive aldehyde-modified phosphatidylethanolamines formed by lipid peroxidation.

Effects of caffeine on metabolism and mitochondria biogenesis in rhabdomyosarcoma cells compared with 2,4-dinitrophenol.

Bladder urotoxicity pathophysiology induced by the oxazaphosphorine alkylating agents and its chemoprevention.

Predicting adult fish acute lethality with the zebrafish embryo: relevance of test duration, endpoints, compound properties, and exposure concentration analysis.

Impaired adaptability of in vivo mitochondrial energetics to acute oxidative insult in aged skeletal muscle.

Engineering phosphorus metabolism in plants to produce a dual fertilization and weed control system.

Antimutagenic properties of *Mangifera indica* L. stem bark extract and evaluation of its effects on hepatic CYP1A1.

Urinary arsenic levels in the French adult population: the French National Nutrition and Health Study, 2006-2007.

An improved synthesis of lysosomal activated mustard prodrug for tumor-specific activation and its cytotoxic evaluation.

Molecular and functional characterization of riboflavin specific transport system in rat brain capillary endothelial cells.

TGF- β 1 signaling plays a dominant role in the crosstalk between TGF- β 1 and the aryl hydrocarbon receptor ligand in prostate epithelial cells.

Creatine pretreatment protects cortical axons from energy depletion in vitro.

Arsenate toxicity and stress responses in the freshwater ciliate *Tetrahymena pyriformis*.

Responses of *Phanerochaete chrysosporium* to toxic pollutants: physiological flux, oxidative stress, and detoxification.

[Mechanism of the apoptosis of rat pancreas islet β 2 cell strain (INS-1 cells) induced by sodium arsenite].

Pregnancy and the methyltransferase genotype independently influence the arsenic methylation phenotype.

DNA binding studies of 3, 5, 6-trichloro-2-pyridinol pesticide metabolite.

In vitro propagation of *Dioscorea alata* var. *purpurea*.

Quantification of main bioactive metabolites from saffron (*Crocus sativus*) stigmas by a micellar electrokinetic chromatographic (MEKC) method.

Metabolism of the antibacterial triclocarban by human epidermal keratinocytes to yield protein adducts.

Quantification of steroids and endocrine disrupting chemicals in rat ovaries by LC-MS/MS for reproductive toxicology assessment.

Transcription factor-mediated regulation of carboxylesterase enzymes in livers of mice.

Toxicity of weight loss agents.

Dioxin silences gonadotropin expression in perinatal pups by inducing histone deacetylases: a new insight into the mechanism for the imprinting of sexual immaturity by dioxin.

Characterization and expression analysis of AcSERK2, a somatic embryogenesis and stress resistance related gene in pineapple.

2,3,7,8-Tetrachlorodibenzo-p-dioxin activates the aryl hydrocarbon receptor and alters sex steroid hormone secretion without affecting growth of mouse antral follicles in vitro.

Osmosensitive changes of carbohydrate metabolism in response to cellulose biosynthesis inhibition.

Acute toxicity of chlorobenzenes in tetrahymena: estimated by microcalorimetry and mechanism.

GSTO and AS3MT genetic polymorphisms and differences in urinary arsenic concentrations among residents in Bangladesh.

Improved lycopene production by *Blakeslea trispora* with isopentenyl compounds and metabolic precursors.

Effects of oxidative stress caused by tert-butylhydroquinone on cytotoxicity in MDCK cells.

Buffalo (*Bubalus bubalis*) epiphyseal proteins counteract arsenic-induced oxidative stress in brain, heart, and liver of female rats.

Protocatechuic acid prevents reproductive damage caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in male rats.

Environmental nitration processes enhance the mutagenic potency of aromatic compounds.

New analytical method for sensitive quantification of urinary 3-methyl-4-nitrophenol to assess fenitrothion exposure in general population and occupational sprayers.

Effects of peroxisomal catalase inhibition on mitochondrial function.

[6]-Gingerol isolated from ginger attenuates sodium arsenite induced oxidative stress and plays a corrective role in improving insulin signaling in mice.

Phytoremediation of trichlorophenol by Phase II metabolism in transgenic *Arabidopsis* overexpressing a *Populus* glucosyltransferase.

Development and validation of RP-HPLC and RP-UPLC methods for quantification of parathyroid hormones (1-34) in medicinal product formulated with meta-cresol.

Plant regeneration from mature embryo of commercial Indian bread wheat (*Triticum aestivum* L.) cultivars.

Bacterial β -glucosidase function and metabolic activity depend on soil management in semiarid rainfed agriculture.

Alleviative effect of quercetin on germ cells intoxicated by 3-methyl-4-nitrophenol from diesel exhaust particles.

Preliminary evaluation of the human relevance of respiratory tumors observed in rodents exposed to naphthalene.

Urinary levels of volatile organic carcinogen and toxicant biomarkers in relation to lung cancer development in smokers.

Developmental toxicity and endocrine disrupting potency of 4-azapyrene, benzo[b]fluorene and retene in the zebrafish *Danio rerio*.

Impact of short-term intake of red wine and grape polyphenol extract on the human metabolome.

Significance of xenobiotic metabolism for bioaccumulation kinetics of organic chemicals in *Gammarus pulex*.

Fluorescence imaging of cellular metabolites with RNA.

Comparative proteomic analysis of auxin-induced embryogenic and nonembryogenic tissues of the solanaceous tree *Cyphomandra betacea* (Tamarillo).

Multi-residue analysis of free and conjugated hormones and endocrine disruptors in rat testis by QuEChERS-based extraction and LC-MS/MS.

Alteration of mitochondrial efficiency affects oxidative balance, development and growth in frog (*Rana temporaria*) tadpoles.

Consumption of breads containing in situ-produced arabinoxylan oligosaccharides alters gastrointestinal effects in healthy volunteers.

Combining microdilution with MicroResp[®], ζ : microbial substrate utilization, antimicrobial susceptibility and respiration.

Changes in expression of drug-metabolizing enzymes by single-walled carbon nanotubes in human respiratory tract cells.

Site-specific oxidation of apolipoprotein A-I impairs cholesterol export by ABCA1, a key cardioprotective function of HDL.

Effects of vitamin E on reproductive hormones and testis structure in chronic dioxin-treated mice.

Multidrug resistance protein (MRP) 4 attenuates benzo[a]pyrene-mediated DNA-adduct formation in human bronchoalveolar H358 cells.

Metabolic fate of 2,4-dichlorophenol and related plant residues in rats.

Metabolic activation of sulfur mustard leads to oxygen free radical formation.

C and N isotope fractionation during biodegradation of the pesticide metabolite 2,6-dichlorobenzamide (BAM): potential for environmental assessments.

Oxidative stress and autophagy: mediators of synapse growth?

Kynurenic acid: a metabolite with multiple actions and multiple targets in brain and periphery.

Large enhancement of skeletal muscle cell glucose uptake and suppression of hepatocyte glucose-6-phosphatase activity by weak uncouplers of oxidative phosphorylation.

Mitochondria as a source and target of lipid peroxidation products in healthy and diseased heart.

Harmaline and harmalol inhibit the carcinogen-activating enzyme CYP1A1 via transcriptional and posttranslational mechanisms.

Structural nucleotide analogs are potent activators/inhibitors of pancreatic \hat{I}^2 cell KATP channels: an emerging mechanism supporting their use as antidiabetic drugs.

Toxicity, dioxin-like activities, and endocrine effects of DDT metabolites--DDA, DDMU, DDMS, and DDCN.

Disruption of endocrine function in in vitro H295R cell-based and in in vivo assay in zebrafish by 2,4-dichlorophenol.

Characterization of TCHQ-induced genotoxicity and mutagenesis using the pSP189 shuttle vector in mammalian cells.

Atrazine in sub-acute exposure results in sperm DNA disintegrity and nuclear immaturity in rats.

Antioxidant Potential of Fagonia arabica against the Chemical Ischemia-Induced in PC12 Cells.

Modulation of protein fermentation does not affect fecal water toxicity: a randomized cross-over study in healthy subjects.

Aberrant activation of ubiquitin D at G2 phase and apoptosis by carcinogens that evoke cell proliferation after 28-day administration in rats.

Restoration of dioxin-induced damage to fetal steroidogenesis and gonadotropin formation by maternal co-treatment with \hat{I}^{\pm} -lipoic acid.

Action of lipopolysaccharide on interstitial cells of cajal from mouse small intestine.

[Endocrine disruptors are a novel direction of endocrinologic scientific investigation].

PCB 126 and other dioxin-like PCBs specifically suppress hepatic PEPCK expression via the aryl hydrocarbon receptor.

The Anx7(+/-) knockout mutation alters electrical and secretory responses to Ca(2+)-mobilizing agents in pancreatic \hat{I}^2 -cells.

Cyanamide potentiates the ethanol-induced impairment of receptor-mediated endocytosis in a recombinant hepatic cell line expressing alcohol dehydrogenase activity.

Modulation Role of abscisic acid (ABA) on growth, water relations and glycinebetaine metabolism in two maize (*Zea mays* L.) cultivars under drought stress.

Metabolic engineering of the iodine content in Arabidopsis.

Diverse rare lipid-related metabolites including \hat{I}° -7 and \hat{I}° -9 alkenylitaconic acids (ceriporic acids) secreted by a selective white rot fungus, *Ceriporiopsis subvermispora*.

Individual variations in arsenic metabolism in Vietnamese: the association with arsenic exposure and GSTP1 genetic polymorphism.

Functional analysis of colonic bacterial metabolism: relevant to health?

Biological analysis of endocrine-disrupting chemicals in animal meats from the Pearl River Delta, China.

Comparative metabolomic and genomic analyses of TCDD-elicited metabolic disruption in mouse and rat liver.

Endocrine disrupters: a review of some sources, effects, and mechanisms of actions on behaviour and neuroendocrine systems.

Synthesis and evaluation of PET probes for the imaging of I2 imidazoline receptors in peripheral tissues.

Urinary biomarkers of exposure to glycol ethers and chlorinated solvents during pregnancy: determinants of exposure and comparison with indirect methods of exposure assessment.

Herbicide in drinking water linked to hormonal changes.

Paraquat administration in *Drosophila* for use in metabolic studies of oxidative stress.

Surfactant volume is an essential element in human toxicity in acute glyphosate herbicide intoxication.

Sublethal effects of waterborne herbicides in tropical freshwater fish.

The enhancing effect of the antioxidant N-acetylcysteine on urinary bladder injury induced by dimethylarsinic acid.

Stereoselective metabolism and toxicity of the herbicide fluroxypyr methylheptyl ester in rat hepatocytes.

Menstrual cycle characteristics and reproductive hormone levels in women exposed to atrazine in drinking water.

Transcriptional profiling in *Saccharomyces cerevisiae* relevant for predictingalachlor mechanisms of toxicity.

Epidemiologic studies of glyphosate and non-cancer health outcomes: a review.

Acute exposure to glyphosate herbicide affects oxidative parameters in piava (*Leporinus obtusidens*).

Effects of glyphosate and polyoxyethylenamine on growth and energetic reserves in the freshwater crayfish *Cherax quadricarinatus* (Decapoda, Parastacidae).

Consideration of dosimetry in evaluation of ToxCast[®] data.

Effects of microcystin and complex cyanobacterial samples on the growth and oxidative stress parameters in green alga *Pseudokirchneriella subcapitata* and comparison with the model oxidative stressor--herbicide paraquat.

Atrazine-induced apoptosis of splenocytes in BALB/C mice.

Proteomic profiling of acrolein adducts in human lung epithelial cells.

Endocrine disrupting chemicals.

Assessment of female reproductive endpoints in Sprague-Dawley rats developmentally exposed to Diuron: potential ovary toxicity.

Atrazine and breast cancer: a framework assessment of the toxicological and epidemiological evidence.

The differential effect of atrazine on luteinizing hormone release in adrenalectomized adult female Wistar rats.

The use of environmental metabolomics to determine glyphosate level of exposure in rapeseed (*Brassica napus* L.) seedlings.

DNA damage and effects on glutathione-S-transferase activity induced by atrazine exposure in zebrafish (*Danio rerio*).

Snails as indicators of pesticide drift, deposit, transfer and effects in the vineyard.

Toxicology and risk assessment of acrolein in food.

Integrative metabolome and transcriptome profiling reveals discordant energetic stress between mouse strains with differential sensitivity to acrolein-induced acute lung injury.

Protein modification by acrolein: relevance to pathological conditions and inhibition by aldehyde sequestering agents.

Acrolein scavengers: reactivity, mechanism and impact on health.

Comparison of nitrofen uptake via water and food and its distribution in tissue of common carp, *Cyprinus carpio* L.

Dichlobenil and 2,6-dichlorobenzamide (BAM) in the environment: what are the risks to humans and biota?

Atrazine and cancer incidence among pesticide applicators in the agricultural health study (1994-2007).

Exposure to arsenic in drinking water is associated with increased prevalence of diabetes: a cross-sectional study in the Zimapán and Lagunera regions in Mexico.

Enantioselective phytotoxicity of the herbicide imazethapyr and its effect on rice physiology and gene transcription.

C. elegans metallothioneins: response to and defence against ROS toxicity.

Exposure to atrazine affects the expression of key genes in metabolic pathways integral to energy homeostasis in *Xenopus laevis* tadpoles.

Transcriptional profile of diuron-induced toxicity on the urinary bladder of male Wistar rats to inform mode of action.

Assessment of fetal brain uptake of paraquat in utero using in vivo PET/CT imaging.

Investigation into modification of mass transfer kinetics by acrolein in a renal biochip.

Tobacco chloroplast transformants expressing genes encoding dehydroascorbate reductase, glutathione reductase, and glutathione-S-transferase, exhibit altered anti-oxidant metabolism and improved abiotic stress tolerance.

Mitochondria are the main target organelle for trivalent monomethylarsonous acid (MMA(III))-induced cytotoxicity.

[Mechanism of the effects of amitrole on the thyroglobulin in Fischer rat thyroid follicle-5 cell].

Metabolites of arsenic and increased DNA damage of p53 gene in arsenic plant workers.

Gestational atrazine exposure: effects on male reproductive development and metabolite distribution in the dam, fetus, and neonate.

The effects of prenatal exposure to atrazine on pubertal and postnatal reproductive indices in the female rat.

Acrolein inhalation prevents vascular endothelial growth factor-induced mobilization of Flk-1+/Sca-1+ cells in mice.

Mitochondrial aconitase knockdown attenuates paraquat-induced dopaminergic cell death via decreased cellular metabolism and release of iron and H₂O₂.

Waterborne exposure to clodinafop-propargyl disrupts the posterior and ventral development of zebrafish embryos.

Association between arsenic exposure and behavior among first-graders from Torreón, Mexico.

Urinary biomarkers of prenatal atrazine exposure and adverse birth outcomes in the PELAGIE birth cohort.

Impact of pesticide exposure misclassification on estimates of relative risks in the Agricultural Health Study.

Use of GC–GC/TOF-MS and LC/TOF-MS for metabolomic analysis of *Hyalella azteca* chronically exposed to atrazine and its primary metabolite, desethylatrazine.

Differential stimulation pathways of progesterone secretion from newly formed corpora lutea in rats treated with ethylene glycol monomethyl ether, sulpiride, or atrazine.

Involvement of N⁶-adenine-specific DNA methyltransferase 1 (N6AMT1) in arsenic biomethylation and its role in arsenic-induced toxicity.

Further antinociceptive effects of myricitrin in chemical models of overt nociception in mice.

Environmental factors in the etiology of esophageal atresia.

Effects of atrazine, agricultural runoff, and selected effluents on antimicrobial activity of skin peptides in *Xenopus laevis*.

Maternal and fetal exposure to pesticides associated to genetically modified foods in Eastern Townships of Quebec, Canada.

Proteomics in aquatic amphipods: can it be used to determine mechanisms of toxicity and interspecies responses after exposure to atrazine?

Genetic, enzymatic and developmental alterations observed in *Caiman latirostris* exposed in ovo to pesticide formulations and mixtures in an experiment simulating environmental exposure.

Oxidative stress induced by a commercial glyphosate formulation in a tolerant strain of *Chlorella kessleri*.

Paraquat detoxification with p-sulfonatocalix-[4]arene by a pharmacokinetic study.

Modulation of steroidogenic gene expression and hormone synthesis in H295R cells exposed to PCP and TCP.

Should atrazine and related chlorotriazines be considered carcinogenic for human health risk assessment?

Mortality of US pentachlorophenol production workers through 2005.

NBHA reduces acrolein-induced changes in ARPE-19 cells: possible involvement of TGF β 2.

Physiological responses of glyphosate-resistant and glyphosate-sensitive soybean to aminomethylphosphonic acid, a metabolite of glyphosate.

Toxicity of the insecticide terbufos, its oxidation metabolites, and the herbicide atrazine in binary mixtures to *Ceriodaphnia cf dubia*.

Phenylurea herbicides induce cytogenetic effects in Chinese hamster cell lines.

[Study on the prognosis of patients with acute paraquat intoxication].

Effect of low dose exposure to the herbicide atrazine and its metabolite on cytochrome P450 aromatase and steroidogenic factor-1 mRNA levels in the brain of premetamorphic bullfrog tadpoles (*Rana catesbeiana*).

Liquid chromatographic-electrospray mass spectrometric determination of 1-methyl-4-phenylpyridine (MPP+) in discrete regions of murine brain.

Toxicological responses of *Cyprinus carpio* after exposure to a commercial herbicide containing imazethapyr and imazapic.

Commercial formulation containing quinclorac and metsulfuron-methyl herbicides inhibit acetylcholinesterase and induce biochemical alterations in tissues of *Leporinus obtusidens*.

The effects of amitrole on thyroglobulin and iodide uptake in FRTL-5 cells.

A physiologically based pharmacokinetic model for atrazine and its main metabolites in the adult male C57BL/6 mouse.

Understanding the effects of atrazine on steroidogenesis in rat granulosa and H295R adrenal cortical carcinoma cells.

Effects of nitric oxide on the primary bladder afferent activities of the rat with and without intravesical acrolein treatment.

Quantitative assessment of mammary gland development in female Long Evans rats following in utero exposure to atrazine.

The effect of lipid peroxidation products on reactive oxygen species formation and nitric oxide production in lipopolysaccharide-stimulated RAW 264.7 macrophages.

Toxicological effects of selective herbicides on plant growth promoting activities of phosphate solubilizing *Klebsiella* sp. strain PS19.

Analysis of acrolein-derived 1,N2-propanodeoxyguanosine adducts in human leukocyte DNA from smokers and nonsmokers.

Early exposure to low doses of atrazine affects behavior in juvenile and adult CD1 mice.

The effects of Click 500 SC (terbuthylazine) on common carp *Cyprinus carpio* under (sub)chronic conditions.

Before the curtain falls: endocrine-active pesticides--a German contamination legacy.

Effect of Roundup[®] (glyphosate formulation) in the energy metabolism and reproductive traits of *Hyalella castroi* (Crustacea, Amphipoda, Dogielinotidae).

Physiological effects of temperature and a herbicide mixture on the soft-shell clam *Mya arenaria* (Mollusca, Bivalvia).

Hepatic response to oxidative injury in long-lived Ames dwarf mice.

Glycogen synthase kinase 3^β and its phosphorylated form (Y216) in the paraquat-induced model of parkinsonism.

Functional characterization of transmembrane intracellular pH regulators and mechanism of alcohol-induced intracellular acidosis in human umbilical cord blood stem cell-like cells.

Protein conjugated with aldehydes derived from lipid peroxidation as an independent parameter of the carbonyl stress in the kidney damage.

Therapeutic potential of Nrf2 activators in streptozotocin-induced diabetic nephropathy.

Nrf2 activators as attractive therapeutics for diabetic nephropathy.

TRPV1 and TRPA1 stimulation induces MUC5B secretion in the human nasal airway in vivo.

Cinnamaldehyde protects from the hypertension associated with diabetes.

Proteomic analysis of the mode of antibacterial action of trans-cinnamaldehyde against *Cronobacter sakazakii* 415.

Performance of broiler chickens fed diets containing DAS-68416-4 soybean meal.

Expressions of lipid oxidation markers, N(μ)-hexanoyl lysine and acrolein in cisplatin-induced nephrotoxicity in rats.

Aldehyde reductase (AKR1B3) regulates the accumulation of advanced glycosylation end products (AGEs) and the expression of AGE receptor (RAGE).

Isopentenyl pyrophosphate is a novel antinociceptive substance that inhibits TRPV3 and TRPA1 ion channels.

A pathway-based analysis of urinary arsenic metabolites and skin lesions.

Relationship between metabolic disorders and relative risk values of brain infarction estimated by protein-conjugated acrolein, IL-6 and CRP together with age.

[Metabolism inhibition stimulates, metabolism activation inhibits cancerogenic activity of ortho-aminoazotoluene in mouse liver].

Use of polyamine metabolites as markers for stroke and renal failure.

Effect of diquat-induced oxidative stress on iron metabolism in male Fischer-344 rats.

A temporary immersion system improves in vitro regeneration of peach palm through secondary somatic embryogenesis.

TRPA1 mediates spinal antinociception induced by acetaminophen and the cannabinoid Δ^9 -tetrahydrocannabinol.

Poly(ADP-ribose) polymerase-1 protects from oxidative stress induced endothelial dysfunction.

Generation of reactive oxygen species in 1-methyl-4-phenylpyridinium (MPP+) treated dopaminergic neurons occurs as an NADPH oxidase-dependent two-wave cascade.

[Determination of linuron and its metabolite 3,4-dichloroaniline residues in meat and meat products using liquid chromatography-tandem mass spectrometry].

Soluble epoxide hydrolase contamination of specific catalase preparations inhibits epoxyeicosatrienoic acid vasodilation of rat renal arterioles.

Uptake, translocation and metabolism of aminocyclopyrachlor in prickly lettuce, rush skeletonweed and yellow starthistle.

Effects of the herbicide atrazine's metabolites on host snail mortality and production of trematode cercariae.

Botrytone, a new naphthalenone pentaketide produced by *Botrytis fabae*, the causal agent of chocolate spot disease on *Vicia faba*.

Perturbations of amino acid metabolism associated with glyphosate-dependent inhibition of shikimic acid metabolism affect cellular redox homeostasis and alter the abundance of proteins involved in photosynthesis and photorespiration.

Simulation of branched serial first-order decay of atrazine and metabolites in adapted and nonadapted soils.

Unraveling the role of fermentation in the mode of action of acetolactate synthase inhibitors by metabolic profiling.

Determination of alachlor and its metabolite 2,6-diethylaniline in microbial culture medium using online microdialysis enriched-sampling coupled to high-performance liquid chromatography.

Determination of atrazine and degradation products in Luxembourgish drinking water: origin and fate of potential endocrine-disrupting pesticides.

Residues and dissipation of the herbicide fenoxaprop-P-ethyl and its metabolite in wheat and soil.

Stereoselective metabolism of the herbicide fluroxypyr methylheptyl ester in rabbits.

Glyphosate reduces urediniospore development and *Puccinia psidii* disease severity on *Eucalyptus grandis*.

Construction, expression, and characterization of a single-chain variable fragment antibody against 2,4-dichlorophenoxyacetic acid in the hemolymph of silkworm larvae.

Rapid determination of glyphosate, glufosinate, bialaphos, and their major metabolites in serum by liquid chromatography-tandem mass spectrometry using hydrophilic interaction chromatography.

Fibroblasts from long-lived bird species are resistant to multiple forms of stress.

Mg-protoporphyrin, haem and sugar signals double cellular total RNA against herbicide and high-light-derived oxidative stress.

Quantitative evaluation of laboratory uptake rates for pesticides, pharmaceuticals, and steroid hormones using POCIS.

Murine hepatic aldehyde dehydrogenase 1a1 is a major contributor to oxidation of aldehydes formed by lipid peroxidation.

Analysis and environmental concentrations of the herbicide dichlobenil and its main metabolite 2,6-dichlorobenzamide (BAM): a review.

Enantioselective phytotoxicity of the herbicide imazethapyr on the response of the antioxidant system and starch metabolism in *Arabidopsis thaliana*.

Low ergosterol content in yeast *adh1* mutant enhances chitin maldistribution and sensitivity to paraquat-induced oxidative stress.

Direct analysis of methylated trivalent arsenicals in mouse liver by hydride generation-cryotrapping-atomic absorption spectrometry.

Regeneration of *Jatropha curcas* through efficient somatic embryogenesis and suspension culture.

Herbicidal activity of culture filtrates of *Trichoderma* spp. against two problematic weeds of wheat.

The chemotherapy metabolite acrolein upregulates thrombin generation and impairs the protein C anticoagulant pathway in animal-based and cell-based models.

Redox cycling and increased oxygen utilization contribute to diquat-induced oxidative stress and cytotoxicity in Chinese hamster ovary cells overexpressing NADPH-cytochrome P450 reductase.

Isolation and characterization of a rice glutathione S-transferase gene promoter regulated by herbicides and hormones.

Transgenic poplar expressing Arabidopsis NDPK2 enhances growth as well as oxidative stress tolerance.

Atrazine metabolite screening in human microsomes: detection of novel reactive metabolites and glutathione adducts by LC-MS.

Metabolism of a new herbicide, [(14)c]pyribenzoxim, in rice.

Changes in serum concentrations of polychlorinated biphenyls (PCBs), hydroxylated PCB metabolites and pentachlorophenol during pregnancy.

Metabolic sugar signal promotes Arabidopsis meristematic proliferation via G2.

The impact of uptake, translocation and metabolism on the differential selectivity between blackgrass and wheat for the herbicide pyroxsulam.

Effects of exogenous glutathione on arsenic burden and NO metabolism in brain of mice exposed to arsenite through drinking water.

[Modulation of T1R chemosensory receptors for sweet nutrients - new paradigms in metabolic regulation].

The impact of a rice based diet on urinary arsenic.

Arsenic methylation efficiency increases during the first trimester of pregnancy independent of folate status.

Phytotoxic and antifungal metabolites from *Curvularia* sp. FH01 isolated from the gut of *Atractomorpha sinensis*.

Increased oxidative/nitrosative stress markers measured non-invasively in patients with high 2,3,7,8-tetrachloro-dibenzo-p-dioxin plasma level.

Structure-based rational design of novel hit compounds for pyruvate dehydrogenase multienzyme complex E1 components from *Escherichia coli*.

Secondary metabolite profile in induced tetraploids of wild *Solanum commersonii* Dun.

17 β -estradiol protects the lung against acute injury: possible mediation by vasoactive intestinal polypeptide.

Antiplatelet effect by p-cresol, a uremic and environmental toxicant, is related to inhibition of reactive oxygen species, ERK/p38 signaling and thromboxane A2 production.

Activation of the aryl hydrocarbon receptor by TCDD inhibits mammary tumor metastasis in a syngeneic mouse model of breast cancer.

Protective effects of N-acetylcysteine against arsenic-induced oxidative stress and reprotoxicity in male mice.

The OBELIX project: early life exposure to endocrine disruptors and obesity.

Biotransformation enzyme-dependent formation of micronucleus and multinuclei in cell line V79-hCYP2E1-hSULT1A1 by 2-nitropropane and N-nitrosodimethylamine.

Identification of aryl hydrocarbon receptor binding targets in mouse hepatic tissue treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Low-level subchronic arsenic exposure from prenatal developmental stages to adult life results in an impaired glucose homeostasis.

Polymorphism of the aryl-hydrocarbon receptor gene in intron 10 of human cancers.

Endocrine disrupting chemicals and disease susceptibility.

Retinoic acid drives aryl hydrocarbon receptor expression and is instrumental to dioxin-induced toxicity during palate development.

Discovery of potent, selective, and orally bioavailable alkynylphenoxyacetic acid CRTH2 (DP2) receptor antagonists for the treatment of allergic inflammatory diseases.

The possible roles of environmental factors and the aryl hydrocarbon receptor in the prevalence of thyroid diseases in Vietnam era veterans.

Arsenicals affect base excision repair by several mechanisms.

Inhibition of fatty acid amide hydrolase suppresses referred hyperalgesia induced by bladder inflammation.

Comparative toxicity of arsenic metabolites in human bladder cancer EJ-1 cells.

Synthesis and evaluation of novel carbon-11 labeled oxopurine analogues for positron emission tomography imaging of translocator protein (18 kDa) in peripheral organs.

Discovery and biological characterization of 1-(1H-indol-3-yl)-9H-pyrido[3,4-b]indole as an aryl hydrocarbon receptor activator generated by photoactivation of tryptophan by sunlight.

Immune interactions in endometriosis.

Colonic contribution to uremic solutes.

2,4-dinitrophenol (DNP): a weight loss agent with significant acute toxicity and risk of death.

Aryl hydrocarbon receptor and aryl hydrocarbon nuclear translocator expression in human and rat placentas and transcription activity in human trophoblast cultures.

Cyanogenic glucosides in the biological warfare between plants and insects: the Burnet moth-Birdsfoot trefoil model system.

Metabolomics analysis reveals elevation of 3-indoxyl sulfate in plasma and brain during chemically-induced acute kidney injury in mice: investigation of nicotinic acid receptor agonists.

Comparison of the concentrations of polychlorinated biphenyls and dioxins in mothers affected by the Yusho incident and their children.

Polychlorinated biphenyls and organochlorine pesticides in plasma predict development of type 2 diabetes in the elderly: the prospective investigation of the vasculature in Uppsala Seniors (PIVUS) study.

Identification of differentially expressed genes in the livers of chronically i-As-treated hamsters.

Preconception omega-3 fatty acid supplementation of adult male mice with a history of developmental 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure prevents preterm birth in unexposed female partners.

Genetic polymorphisms in glutathione S-transferase (GST) superfamily and risk of arsenic-induced urothelial carcinoma in residents of southwestern Taiwan.

Environmental factors and endometriosis.

Could Malassezia yeasts be implicated in skin carcinogenesis through the production of aryl-hydrocarbon receptor ligands?

The effect of the uremic toxin cyanate (CNO²⁻) on anaerobic cysteine metabolism and oxidative processes in the rat liver: a protective effect of lipoate.

Effect of oral exposure to fenitrothion and 3-methyl-4-nitrophenol on splenic cell populations and histopathological alterations in spleen in Wistar rats.

Defects in myoglobin oxygenation in K(ATP)-deficient mouse hearts under normal and stress conditions characterized by near infrared spectroscopy and imaging.

Analysis of arsenic metabolites in HepG2 and AS3MT-transfected cells.

Metabolomic analysis of liver and skeletal muscle tissues in C57BL/6J and DBA/2J mice exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Reproductive toxicity parameters and biological monitoring in occupationally and environmentally boron-exposed persons in Bandirma, Turkey.

Relative survival after exposure to polychlorinated biphenyls and dioxins: a follow-up of Japanese patients affected in the Yusho incident.

Characterization of estrogen quinone-derived protein adducts and their identification in human serum albumin derived from breast cancer patients and healthy controls.

Perinatal exposure to low doses of dioxin can permanently impair human semen quality.

Association between body mass index and arsenic methylation efficiency in adult women from southwest U.S. and northwest Mexico.

Plasma levels of polychlorinated biphenyls and risk of cutaneous malignant melanoma: a preliminary study.

A novel in vitro pancreatic carcinogenesis model.

[Time serial changes in the concentrations of the related agents to fetal Yusho--dioxin-like PCBs and PCBs].

Uremic toxins and oral adsorbents.

Comparison of plasma and dry blood spots as samples for the determination of nitrofurantoin (NTBC) by high-performance liquid chromatography-tandem mass spectrometry. Study of the stability of the samples at different temperatures.

Perspectives on the potential involvement of the AH receptor-dioxin axis in cardiovascular disease.

Activation of c-Src/HER1/STAT5b and HER1/ERK1/2 signaling pathways and cell migration by hexachlorobenzene in MDA-MB-231 human breast cancer cell line.

Environmental toxicants and the developing immune system: a missing link in the global battle against infectious disease?

Prenatal TCDD in mice increases adult autoimmunity.

Metabolic stress modulates motor patterning via AMP-activated protein kinase.

Metabolic profile and assessment of occupational arsenic exposure in copper- and steel-smelting workers in China.

The nutritive value of grasspea (*Lathyrus sativus*) and allied species, their toxicity to animals and the role of malnutrition in neurotoxicity.

Gene expression alterations in immune system pathways in the thymus after exposure to immunosuppressive chemicals.

p-Cresyl sulphate and indoxyl sulphate predict progression of chronic kidney disease.

On the biomarkers and mechanisms of konzo, a distinct upper motor neuron disease associated with food (cassava) cyanogenic exposure.

Beneficial network effects of methylene blue in an amnesic model.

Effect of insulin-like growth factors on lung development in a nitrofen-induced CDH rat model.

Applicability of an exaggerated forearm wash test for efficacy testing of two corticosteroids, tacrolimus and glycerol, in topical formulations against skin irritation induced by two different irritants.

Resveratrol (3,5,4'-trihydroxystilbene) protects pregnant mother and fetus from the immunotoxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Simultaneous exposure of non-diabetics to high levels of dioxins and mercury increases their risk of insulin resistance.

[Pharmacokinetics of iron medication and efficacy of therapy with oral iron supplementation].

The association between urinary concentrations of dichlorophenol pesticides and obesity in children.

Metformin represses self-renewal of the human breast carcinoma stem cells via inhibition of estrogen receptor-mediated OCT4 expression.

An evaluation of single nucleotide polymorphisms in the human aryl hydrocarbon receptor-interacting protein (AIP) gene.

Metabolomic study of a rat fever model induced with 2,4-dinitrophenol and the therapeutic effects of a crude drug derived from *Coptis chinensis*.

Acute arsine poisoning confirmed by speciation analysis of arsenic compounds in the plasma and urine by HPLC-ICP-MS.

Gene polymorphisms of glutathione S-transferase omega 1 and 2, urinary arsenic methylation profile and urothelial carcinoma.

Inhibition of hexokinase leads to neuroprotection against excitotoxicity in organotypic hippocampal slice culture.

Carcinogenic effects of "whole-life" exposure to inorganic arsenic in CD1 mice.

Prenatal treatment with retinoic acid activates parathyroid hormone-related protein signaling in the nitrofen-induced hypoplastic lung.

Functional Characterization of Hypertrehalosemic Hormone Receptor in Relation to Hemolymph Trehalose and to Oxidative Stress in the Cockroach *Blattella germanica*.

Actions of juglone on energy metabolism in the rat liver.

Effect of dietary nitrogen content on the urine metabolite profile of dairy cows assessed by nuclear magnetic resonance (NMR)-based metabolomics.

In vitro propagation of *Cichorium intybus* L. and quantification of enhanced secondary metabolite (esculin).

Analysis of thyroid hormones in serum of Baikal seals and humans by liquid chromatography-tandem mass spectrometry (LC-MS/MS) and immunoassay methods: application of the LC-MS/MS method to wildlife tissues.

The constitutively active Ah receptor (CA-AhR) mouse as a model for dioxin exposure - effects in reproductive organs.

Bayer CropScience's position on the findings of glufosinate and its metabolite.

All-trans retinoic acid protects against arsenic-induced uterine toxicity in female Sprague-Dawley rats.

TRPV1, TRPA1, and CB1 in the isolated vagus nerve--axonal chemosensitivity and control of neuropeptide release.

Licorice extract increases cyclophosphamide teratogenicity by upregulating the expression of cytochrome P-450 2B mRNA.

Molecular mechanisms of cold-induced CYP1A activation in rat liver microsomes.

Rat H9c2 cardiac myocytes are sensitive to arsenite due to a modest activation of transcription factor Nrf2.

Quantitation of benzo[a]pyrene metabolic profiles in human bronchoalveolar (H358) cells by stable isotope dilution liquid chromatography-atmospheric pressure chemical ionization mass spectrometry.

Drosophila microbiome modulates host developmental and metabolic homeostasis via insulin signaling.

Dose-dependent urinary phenotype of inorganic arsenic methylation in mice with a focus on trivalent methylated metabolites.

Stereoselective metabolism of fenoxaprop-ethyl and its chiral metabolite fenoxaprop in rabbits.

Species diversity, community dynamics, and metabolite kinetics of the microbiota associated with traditional ecuadorian spontaneous cocoa bean fermentations.

Construction and characterization of hepatocyte nuclear factor HNF4alpha1 over-expressing cell line derived from human hepatoma HepG2 cells.

Transcriptional modulation of the NAD(P)H:quinone oxidoreductase 1 by mercury in human hepatoma HepG2 cells.

In vitro assessment of retinoic acid and aryl hydrocarbon receptor activity of treated effluent from 39 wastewater-treatment plants in Victoria, Australia.

Voltammetric and amperometric determination of 2,4-dinitrophenol metabolites.

An inter-laboratory comparison of urinary 3-hydroxypropylmercapturic acid measurement demonstrates good reproducibility between laboratories.

[Co-metabolism of dual culture in the degradation of phenolic compounds].

Mutagenicity and anti-mutagenicity of *Acanthopanax divaricatus* var. *albeofructus*.

Developmental effects related to angiogenesis and osteogenic differentiation in Salmon larvae continuously exposed to dioxin-like 3,3',4,4'-tetrachlorobiphenyl (congener 77).

Transient receptor potential A1 channels: insights into cough and airway inflammatory disease.

In vitro modulation of intracellular receptor signaling and cytotoxicity induced by extracts of cyanobacteria, complex water blooms and their fractions.

Hepatic in vitro toxicity assessment of PBDE congeners BDE47, BDE153 and BDE154 in Atlantic salmon (*Salmo salar* L.).

The effect of uremic toxin cyanate (OCN²⁻) on anaerobic sulfur metabolism and prooxidative processes in the rat kidney: a protective role of lipoate.

Oxidative modifications of proteins by sodium arsenite in human umbilical vein endothelial cells.

A highly efficient rice green tissue protoplast system for transient gene expression and studying light/chloroplast-related processes.

In vitro effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on ovarian, pituitary, and pineal function in pigs.

Photoirradiation of dehydropyrrolizidine alkaloids--formation of reactive oxygen species and induction of lipid peroxidation.

Lonidamine extends lifespan of adult *Caenorhabditis elegans* by increasing the formation of mitochondrial reactive oxygen species.

Zebrafish eleutheroembryos provide a suitable vertebrate model for screening chemicals that impair thyroid hormone synthesis.

On the antioxidant properties of kynurenic acid: free radical scavenging activity and inhibition of oxidative stress.

A metabolic system-wide characterisation of the pig: a model for human physiology.

Groundwater from infiltration galleries used for small public water supply systems: contamination with pesticides and endocrine disruptors.

Application of an integrated testing strategy to the U.S. EPA endocrine disruptor screening program.

Chemical class-specific gene expression changes in the zebrafish embryo after exposure to glycol ether alkoxy acids and 1,2,4-triazole antifungals.

A novel metabolic pathway for biodegradation of DDT by the white rot fungi, *Phlebia lindtneri* and *Phlebia brevispora*.

Enhancing effect of zinc on L-histidine transport in rat lung microvascular endothelial cells.

Paclitaxel conjugation with the analog of the gonadotropin-releasing hormone as a targeting moiety.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on steroid concentrations in blood and gonads of chicken embryo.

Effect of the traditional Chinese medicine tongxinluo on endothelial dysfunction rats studied by using urinary metabolomics based on liquid chromatography-mass spectrometry.

Hippocampal metabolomics reveals 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity associated with ageing in Sprague-Dawley rats.

Severe cyclophosphamide-induced haemorrhagic cystitis treated with hyperbaric oxygen.

Characterization of novel ligands of ER¹, ER², and PPAR³: the case of halogenated bisphenol A and their conjugated metabolites.

Organic anion transporters play an important role in the uptake of p-cresyl sulfate, a uremic toxin, in the kidney.

The cross-pathway control system regulates production of the secondary metabolite toxin, sirodesmin PL, in the ascomycete, *Leptosphaeria maculans*.

Integration of genome-wide computation DRE search, AhR CHIP-chip and gene expression analyses of TCDD-elicited responses in the mouse liver.

Herbal bioactivation, molecular targets and the toxicity relevance.

[Thiamine and its derivatives in the regulation of cell metabolism].

Validation of a simple RP-HPLC method developed for the quantification of meta-cresol in parathyroid hormones formulation.

Effect of oral coadministration of artesunate with ferrous sulfate on rat liver mitochondrial membrane permeability transition.

Reduced cytochrome P4501A activity and recovery from oxidative stress during subchronic benzo[a]pyrene and benzo[e]pyrene treatment of rainbow trout.

Coordinate regulation of cytochrome P450 1a1 expression in mouse liver by the aryl hydrocarbon receptor and the beta-catenin pathway.

Urinary concentrations of phthalates and phenols in a population of Spanish pregnant women and children.

A study of the relative importance of the peroxiredoxin-, catalase-, and glutathione-dependent systems in neural peroxide metabolism.

Effect of magnesium deficiency on antioxidant status and cadmium toxicity in rice seedlings.

Arsenic and fluoride induce neural progenitor cell apoptosis.

Linking energy metabolism to dysfunctions in mitochondrial respiration--a metabolomics in vitro approach.

Hepatic effects of a highly purified 2,2',3,4,4',5,5'-heptachlorbiphenyl (PCB 180) in male and female rats.

Lack of change in microRNA expression in adult mouse liver following treatment with benzo(a)pyrene despite robust mRNA transcriptional response.

Enhancement of cadmium bioremediation by endophytic bacterium *Bacillus* sp. L14 using industrially used metabolic inhibitors (DCC or DNP).

Protopine and allocryptopine increase mRNA levels of cytochromes P450 1A in human hepatocytes and HepG2 cells independently of AhR.

Mitochondrial dysfunction and insulin resistance: the contribution of dioxin-like substances.

Urinary arsenic metabolites of subjects exposed to elevated arsenic present in coal in Shaanxi Province, China.

Biochemical markers of contamination in fish toxicity tests.

Mercapturic acids as metabolites of alkylating substances in urine samples of German inhabitants.

Arsenic affects expression and processing of amyloid precursor protein (APP) in primary neuronal cells overexpressing the Swedish mutation of human APP.

Perinatal TCDD exposure alters developmental neuroendocrine system.

Acute exposure to 2,4-dinitrophenol alters zebrafish swimming performance and whole body triglyceride levels.

Effect of sodium arsenite dose administered in the drinking water on the urinary bladder epithelium of female arsenic (+3 oxidation state) methyltransferase knockout mice.

Activation of the aryl hydrocarbon receptor during pregnancy in the mouse alters mammary development through direct effects on stromal and epithelial tissues.

Bacterial decolorization of black liquor in axenic and mixed condition and characterization of metabolites.

An untargeted multi-technique metabolomics approach to studying intracellular metabolites of HepG2 cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The differentiation of cardiomyocytes from mouse embryonic stem cells is altered by dioxin.

[Biodegradation of o-chlorophenol by photosynthetic bacteria under co-metabolism].

Mechanisms of induction of cytosolic and microsomal glutathione transferase (GST) genes by xenobiotics and pro-inflammatory agents.

Efficient sequential synthesis of PET Probes of the COX-2 inhibitor [11C]celecoxib and its major metabolite [11C]SC-62807 and in vivo PET evaluation.

Fluorescence in situ hybridization mapping of six loci containing genes involved in the dioxin metabolism of domestic bovids.

Identification of triclosan intermediates produced by oxidative degradation using TiO₂ in pure water and their endocrine disrupting activities.

Regulation by heat shock protein 27 of osteocalcin synthesis in osteoblasts.

Novel hormonal delivery method using the ink-jet technology: application to pulmonary insulin therapies.

Effect of dioxin exposure on several indices of blood redox status in lactating buffalo cows.

In vitro toxicity profiling of ultrapure non-dioxin-like polychlorinated biphenyl congeners and their relative toxic contribution to PCB mixtures in humans.

Dynamics and species diversity of communities of lactic acid bacteria and acetic acid bacteria during spontaneous cocoa bean fermentation in vessels.

Free radical production, antioxidant capacity, and oxidative stress response signatures in fibroblasts from Lewis dwarf rats: effects of life span-extending peripubertal GH treatment.

2,3,7,8-Tetrachlorodibenzo-p-dioxin impairs iron homeostasis by modulating iron-related proteins expression and increasing the labile iron pool in mammalian cells.

Functional characterization of the CKRC1/TAA1 gene and dissection of hormonal actions in the Arabidopsis root.

Genetic control of a cytochrome P450 metabolism-based herbicide resistance mechanism in *Lolium rigidum*.

Effects of chlorinated acetates on the glutathione metabolism and on glycolysis of cultured astrocytes.

Dioxin exposure of human CD34+ hemopoietic cells induces gene expression modulation that recapitulates its in vivo clinical and biological effects.

Preabsorptive metabolism of sodium arsenate by anaerobic microbiota of mouse cecum forms a variety of methylated and thiolated arsenicals.

Differences in TCDD-elicited gene expression profiles in human HepG2, mouse Hepa1c1c7 and rat H4IIE hepatoma cells.

Vertically integrated human P450 and oxygen sensing film for the assays of P450 metabolic activities.

Activity-based protein profiling of organophosphorus and thiocarbamate pesticides reveals multiple serine hydrolase targets in mouse brain.

[Relationship between half-lives of blood dioxins and possible metabolic mechanism].

[Effects of dioxin-related compounds on bone metabolism].

Correlations of PCBs, DIOXIN, and PBDE with TSH in children's blood in areas of computer E-waste recycling.

2,3,7,8-tetrachlorodibenzo-p-dioxin potentially attenuates the gene expression of pituitary gonadotropin β^2 -subunits in a fetal age-specific fashion: a comparative study using cultured pituitaries.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters sebaceous gland cell differentiation in vitro.

Standard operating procedures for pre-analytical handling of blood and urine for metabolomic studies and biobanks.

Structural basis of species differences between human and experimental animal CYP1A1s in metabolism of 3,3',4,4',5-pentachlorobiphenyl.

Acute disruption of bone marrow hematopoiesis by benzo(a)pyrene is selectively reversed by aryl hydrocarbon receptor-mediated processes.

Estrogenic and androgenic activities in total plasma measured with reporter-gene bioassays: relevant exposure measures for endocrine disruptors in epidemiologic studies?

Production of marker-free disease-resistant potato using isopentenyl transferase gene as a positive selection marker.

Metabolism of motile zebrafish sperm.

Cyclooxygenase-2 contributes to functional changes seen on experimental hemorrhagic cystitis induced by ifosfamide in rat urinary bladder.

A sensitive, rapid and inexpensive way to assay pesticide toxicity based on electrochemical biosensor.

Proteomic mapping of bezafibrate-treated human hepatocytes in primary culture using two-dimensional liquid chromatography.

Adenosine A2 receptors are involved in the activation of ATP-sensitive K⁺ currents during metabolic inhibition in guinea pig ventricular myocytes.

Simultaneous determination of 13 phytohormones in oilseed rape tissues by liquid chromatography-electrospray tandem mass spectrometry and the evaluation of the matrix effect.

Isotopomer enrichment assay for very short chain fatty acids and its metabolic applications.

Strategies for elimination of cyanogens from cassava for reducing toxicity and improving food safety.

Transcriptional response of hepatic largemouth bass (*Micropterus salmoides*) mRNA upon exposure to environmental contaminants.

Comparative study of human and mouse pregnane X receptor agonistic activity in 200 pesticides using in vitro reporter gene assays.

Aryl hydrocarbon receptor activation in lactotropes and gonadotropes interferes with estradiol-dependent and -independent preprolactin, glycoprotein alpha and luteinizing hormone beta gene expression.

Differential enantioselectivity of quizalofop ethyl and its acidic metabolite: direct enantiomeric separation and assessment of multiple toxicological endpoints.

Chlorinated benzenes cause concomitantly oxidative stress and induction of apoptotic markers in lung epithelial cells (A549) at nonacute toxic concentrations.

Polymorphisms in arsenic(+III oxidation state) methyltransferase (AS3MT) predict gene expression of AS3MT as well as arsenic metabolism.

C-reactive protein makes human endothelium stiff and tight.

Tissue residue concentrations of organohalogen and trace elements in adult Pacific salmon returning to the Fraser River, British Columbia, Canada.

Effects of metolachlor on transcription of thyroid system-related genes in juvenile and adult Japanese medaka (*Oryzias latipes*).

Human CYP2S1 metabolizes cyclooxygenase- and lipoxygenase-derived eicosanoids.

Structural insight into human variegate porphyria disease.

Detection of thyroid hormone receptor disruptors by a novel stable in vitro reporter gene assay.

Neural precursor cell proliferation is disrupted through activation of the aryl hydrocarbon receptor by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Intracellular trafficking of hyaluronic acid-chitosan oligomer-based nanoparticles in cultured human ocular surface cells.

Regulation and dysregulation of vitellogenin mRNA accumulation in daphnids (*Daphnia magna*).

Regulation of benzo[a]pyrene-mediated DNA- and glutathione-adduct formation by 2,3,7,8-tetrachlorodibenzo-p-dioxin in human lung cells.

Polychlorinated dibenzo-p-dioxins and dibenzofurans in different tissues of the cormorants (*Phalacrocorax carbo*) from Dongting Lake, China.

Acute mitochondrial actions of glitazones on the liver: a crucial parameter for their antidiabetic properties.

Three-generation experiment showed female C57BL/6J mice drink drainage canal water containing low level of TCDD-like activity causing high pup mortality.

Hepatic xenobiotic metabolizing enzyme and transporter gene expression through the life stages of the mouse.

Human cytochrome P450 1A1 is a novel target gene of liver X receptor $\hat{\pm}$.

Shellfish and residual chemical contaminants: hazards, monitoring, and health risk assessment along French coasts.

NTP toxicity studies of toxicity studies of 2,4-decadienal (CAS No. 25152-84-5) administered by gavage to F344/N Rats and B6C3F1 mice.

In vitro assessment of iron effect on porcine ovarian granulosa cells: secretory activity, markers of proliferation and apoptosis.

[Analysis of metribuzin and its metabolites in livestock products and seafoods by liquid chromatography-tandem mass spectrometry].

Chlorinated isomers of nonylphenol differ in estrogenic and androgenic activity.

Metabolic response to low-level toxicant exposure in a novel renal tubule epithelial cell system.

Biosynthesis of the cyanogenic glucosides linamarin and lotaustralin in cassava: isolation, biochemical characterization, and expression pattern of CYP71E7, the oxime-metabolizing cytochrome P450 enzyme.

Chronic hyperglycemia reduces substrate oxidation and impairs metabolic switching of human myotubes.

The aryl hydrocarbon receptor pathway and the response to 3-methylcholanthrene are altered in the liver of adrenalectomized rats.

Calcium/calmodulin-dependent protein kinase IV involvement in the pathophysiology of glucotoxicity in rat pancreatic β^2 -cells.

Effects of prenatal exposure to a low dose atrazine metabolite mixture on pubertal timing and prostate development of male Long-Evans rats.

Studies on the synergistic effects of extremely low-frequency magnetic fields and the endocrine-disrupting compound atrazine on the thyroid gland.

Variable toxicological response to the loss of OXPHOS through 1-methyl-4-phenylpyridinium-induced mitochondrial damage and anoxia in diverse neural immortal cell lines.

Relative inhibitory potency of molinate and metabolites with aldehyde dehydrogenase 2: implications for the mechanism of enzyme inhibition.

Mechanisms of olfactory toxicity of the herbicide 2,6-dichlorobenzonitrile: essential roles of CYP2A5 and target-tissue metabolic activation.

Identification of differential hepatic proteins in rare minnow (*Gobiocypris rarus*) exposed to pentachlorophenol (PCP) by proteomic analysis.

Proteomic analysis of diaminochlorotriazine (DACT) adducts in three brain regions of Wistar rats.

Severe systemic intoxication following triclopyr-TEA ingestion.

Diuron biotransformation and its effects on biofilm bacterial community structure.

Upregulation of peripubertal rat Leydig cell steroidogenesis following 24 h in vitro and in vivo exposure to atrazine.

PCB congener specific oxidative stress response by microarray analysis using human liver cell line.

Rasagiline protects against alpha-synuclein induced sensitivity to oxidative stress in dopaminergic cells.

Hydroxytyrosol protects against oxidative damage by simultaneous activation of mitochondrial biogenesis and phase II detoxifying enzyme systems in retinal pigment epithelial cells.

Comparative environmental impacts of glyphosate and conventional herbicides when used with glyphosate-tolerant and non-tolerant crops.

Atrazine binds to the growth hormone-releasing hormone receptor and affects growth hormone gene expression.

Evaluation of single and joint toxic effects of diuron and its main metabolites on natural phototrophic biofilms using a pollution-induced community tolerance (PICT) approach.

Assessing the cancer risk associated with arsenic-contaminated seafood.

[Extreme hyperkalemia in a patient with a new glyphosate potassium herbicide poisoning: report of a case].

Effect of glutathione administration on serum levels of reactive oxygen metabolites in patients with paraquat intoxication: a pilot study.

Differences in sensitivity but not selectivity of xenoestrogen binding to alligator versus human estrogen receptor alpha.

Effects of herbicides and freshwater discharge on water chemistry, toxicity and benthos in a Uruguayan sandy beach.

Impacts of mixtures of herbicides on molecular and physiological responses of the European flounder *Platichthys flesus*.

Hydrolysis of benzonitrile herbicides by soil actinobacteria and metabolite toxicity.

Atrazine reduces reproduction in fathead minnow (*Pimephales promelas*).

Predicting acute complicated glyphosate intoxication in the emergency department.

Repeated pesticide exposure among North Carolina migrant and seasonal farmworkers.

Evaluation of diuron (3-[3,4-dichlorophenyl]-1,1-dimethyl urea) in a two-stage mouse skin carcinogenesis assay.

Evaluation of side-effects of glyphosate mediated control of giant reed (*Arundo donax*) on the structure and function of a nearby Mediterranean river ecosystem.

The effects of simazine, a chlorotriazine herbicide, on pubertal development in the female Wistar rat.

Selective vulnerability of the striatal subregions of C57BL/6 mice to paraquat.

Desmoplastic small round-cell tumor: an adult with previous exposure to agent orange.

The toxic influence of paraquat on hippocampus of mice: involvement of oxidative stress.

Toxic effects and bioaccumulation of the herbicide isoproturon in *Tubifex tubifex* (Oligochaete, Tubificidae): a study of significance of autotomy and its utility as a biomarker.

Assessment of chemical effects on aromatase activity using the H295R cell line.

Discovery of metabolic signatures for predicting whole organism toxicology.

Gene transcription in *Daphnia magna*: effects of acute exposure to a carbamate insecticide and an acetanilide herbicide.

Atrazine affects kidney and adrenal hormones (AHs) related genes expressions of rare minnow (*Gobiocypris rarus*).

Effect of 2,4-dichlorophenoxyacetic acid on milk transfer to the litter and prolactin release in lactating rats.

Formation of a vitamin C conjugate of acrolein and its paraoxonase-mediated conversion into 5,6,7,8-tetrahydroxy-4-oxooctanal.

[Thyroid disruption induced by pentachlorophenol].

[Analysis of cardiac toxicity caused by cyclophosphamide in the H9c2 cell line and isolated and perfused rat hearts].

Urethral carcinoma and hyperplasia in male and female B6C3F1 mice treated with 3,3',4,4'-tetrachloroazobenzene (TCAB).

Herbicide formulation with glyphosate affects growth, acetylcholinesterase activity, and metabolic and hematological parameters in piava (*Leporinus obtusidens*).

Prepubertal exposure to commercial formulation of the herbicide glyphosate alters testosterone levels and testicular morphology.

Impact of alpha-hydroxy-propanodeoxyguanine adducts on DNA duplex energetics: opposite base modulation and implications for mutagenicity and genotoxicity.

Linking toxicant physiological mode of action with induced gene expression changes in *Caenorhabditis elegans*.

Atrazine induces complete feminization and chemical castration in male African clawed frogs (*Xenopus laevis*).

Effects of glyphosate and methidathion on the expression of the Dhb, Vtg, Arnt, CYP4 and CYP314 in *Daphnia magna*.

Perturbation of lipids and glucose metabolism associated with previous 2,4-D exposure: a cross-sectional study of NHANES III data, 1988-1994.

Pesticide use and thyroid disease among women in the Agricultural Health Study.

Acrolein consumption induces systemic dyslipidemia and lipoprotein modification.

Plasma level of malondialdehyde in the cases of acute paraquat intoxication.

Synthesis of sphingosine is essential for oxidative stress-induced apoptosis of photoreceptors.

Influence of environmental parameters on production of the acrolein precursor 3-hydroxypropionaldehyde by *Lactobacillus reuteri* DSMZ 20016 and its accumulation by wine lactobacilli.

Toxicokinetics and recovery studies of dicamba dimethyl amine salt in goats following single oral administration.

Side-effects of glyphosate on the life parameters of *Eriopsis connexa* (Coleoptera: Coccinellidae) in Argentina.

Ovarian folliculogenesis: detrimental effect of prenatal exposure to cyclophosphamide: a preliminary study.

A qualitative meta-analysis reveals consistent effects of atrazine on freshwater fish and amphibians.

Degradation of fifteen emerging contaminants at microg L(-1) initial concentrations by mild solar photo-Fenton in MWTP effluents.

Cytotoxicity and regenerative proliferation as the mode of action for diuron-induced urothelial carcinogenesis in the rat.

P19 neuronal differentiation and retinoic acid metabolism as criteria to investigate atrazine, nitrite, and nitrate developmental toxicity.

Oxidatively generated DNA damage induced by 3-amino-5-mercapto-1,2,4-triazole, a metabolite of carcinogenic amitrole.

Acetaminophen, via its reactive metabolite N-acetyl-p-benzo-quinoneimine and transient receptor potential ankyrin-1 stimulation, causes neurogenic inflammation in the airways and other tissues in rodents.

Exposure to hydrogen peroxide induces oxidation and activation of AMP-activated protein kinase.

Polymorphisms in one-carbon metabolism pathway genes, urinary arsenic profile, and urothelial carcinoma.

Influence of cinnamaldehyde on viral myocarditis in mice.

Insulinotropic effect of cinnamaldehyde on transcriptional regulation of pyruvate kinase, phosphoenolpyruvate carboxykinase, and GLUT4 translocation in experimental diabetic rats.

Selective stimulation by cinnamaldehyde of progesterone secretion in human adrenal cells.

Changes in testicular morphology and steroidogenesis in adult rats exposed to Atrazine.

Cinnamaldehyde impairs high glucose-induced hypertrophy in renal interstitial fibroblasts.

Impact of smoking and chewing tobacco on arsenic-induced skin lesions.

Cinnamaldehyde in feedlot cattle diets: intake, growth performance, carcass characteristics, and blood metabolites.

Ameliorative effect of the cinnamon oil from *Cinnamomum zeylanicum* upon early stage diabetic nephropathy.

Potential effects of the herbicide Diuron on mammary and urinary bladder two-stage carcinogenesis in a female Swiss mouse model.

Dioxin exposure and insulin resistance in Taiwanese living near a highly contaminated area.

Substance MCS-18 isolated from *Helleborus purpurascens* is a potent antagonist of the capsaicin receptor, TRPV1, in rat cultured sensory neurons.

Comparison of immunoassay and HPLC-MS/MS used to measure urinary metabolites of atrazine, metolachlor, and chlorpyrifos from farmers and non-farmers in Iowa.

Urinary biomarker, dermal, and air measurement results for 2,4-D and chlorpyrifos farm applicators in the Agricultural Health Study.

Dose response to cinnamaldehyde supplementation in growing beef heifers: ruminal and intestinal digestion.

Effects of repeated seafood consumption on urinary excretion of arsenic species by volunteers.

Enantioselective environmental behavior of the chiral herbicide fenoxaprop-ethyl and its chiral metabolite fenoxaprop in soil.

Metabolism and persistence of atrazine in several field soils with different atrazine application histories.

Effects of rotenone and other mitochondrial complex I inhibitors on the brine shrimp *Artemia*.

Metabolic fate of [^{14}C]diuron and [^{14}C]linuron in wheat (*Triticum aestivum*) and radish (*Raphanus sativus*).

The herbicide ketoclozoxone inhibits 1-deoxy-D-xylulose 5-phosphate synthase in the 2-C-methyl-D-erythritol 4-phosphate pathway and shows antibacterial activity against *Haemophilus influenzae*.

A systematic investigation of *Escherichia coli* central carbon metabolism in response to superoxide stress.

Modulation of embryo-forming capacity in culture through the expression of Brassica genes involved in the regulation of the shoot apical meristem.

Biodegradation pathway of mesotrione: complementarities of NMR, LC-NMR and LC-MS for qualitative and quantitative metabolic profiling.

Association of genetic variation in cystathionine-beta-synthase and arsenic metabolism.

Automated sample treatment with the injection of large sample volumes for the determination of contaminants and metabolites in urine.

Enhanced degradation and soil depth effects on the fate of atrazine and major metabolites in Colorado and Mississippi soils.

Coordination of frontline defense mechanisms under severe oxidative stress.

Genetic polymorphism of As3MT and delayed urinary DMA excretion after organic arsenic intake from oyster ingestion.

Residues of the herbicide fenoxaprop-P-ethyl, its agronomic safener isoxadifen-ethyl and their metabolites in rice after field application.

Distribution and metabolism of four different dimethylated arsenicals in hamsters.

Interaction of paraquat with calf thymus DNA: a terbium(III) luminescent probe and multispectral study. [Experimental research on Paraquat clearance rate after hemoperfusion adsorption].

Detoxification without intoxication: herbicide safeners activate plant defense gene expression.

Differential oxidative metabolism and 5-ketoclozoxone accumulation are involved in *Echinochloa phyllopogon* resistance to clomazone.

An improved high-performance liquid chromatography-tandem mass spectrometric method to measure atrazine and its metabolites in human urine.

Determination of glyphosate and its metabolites in plant material by reversed-polarity CE with indirect absorptiometric detection.

NMR structure of duplex DNA containing the alpha-OH-PdG.dA base pair: a mutagenic intermediate of acrolein.

Development and validation of a direct LC-MS-MS method to determine the acrolein metabolite 3-HPMA in urine.

Enantioselective degradation in sediment and aquatic toxicity to *Daphnia magna* of the herbicide lactofen enantiomers.

Iron and its complexation by phenolic cellular metabolites: from oxidative stress to chemical weapons.

Structural and functional changes in the insulin molecule produced by oxidative stress.

High-throughput gene expression analysis of intestinal intraepithelial lymphocytes after oral feeding of carvacrol, cinnamaldehyde, or Capsicum oleoresin.

Aryl hydrocarbon receptor nuclear translocator in hepatocytes is required for aryl hydrocarbon receptor-mediated adaptive and toxic responses in liver.

Thyroid follicular lesions induced by oral treatment for 2 years with 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like compounds in female Harlan Sprague-Dawley rats.

Early life growth hormone treatment shortens longevity and decreases cellular stress resistance in long-lived mutant mice.

Intracellular ROS level is increased in fibroblasts of triple A syndrome patients.

The aryl hydrocarbon receptor-interacting protein (AIP) is required for dioxin-induced hepatotoxicity but not for the induction of the Cyp1a1 and Cyp1a2 genes.

Dioxin toxicity in vivo results from an increase in the dioxin-independent transcriptional activity of the aryl hydrocarbon receptor.

Toxicology and carcinogenesis studies of 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (CAS No. 31508-00-6) in female harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 3,3',4,4'-tetrachloroazobenzene (TCAB) (CAS No. 14047-09-7) in Harlan Sprague-Dawley rats and B6C3F1 mice (gavage studies).

A cluster of inflammatory breast cancer (IBC) in an office setting: additional evidence of the importance of environmental factors in IBC etiology.

Interrelationship between exposure to PCDD/Fs and hypertension in metabolic syndrome in Taiwanese living near a highly contaminated area.

A single prenatal exposure to the endocrine disruptor 2,3,7,8-tetrachlorodibenzo-p-dioxin alters developmental myelination and remyelination potential in the rat brain.

Body mass index, agricultural pesticide use, and cancer incidence in the Agricultural Health Study cohort.

NMR-based metabonomic analysis of the hepatotoxicity induced by combined exposure to PCBs and TCDD in rats.

Creation of a novel peptide with enhanced nuclear localization in prostate and pancreatic cancer cell lines.

Long-lasting effects of chemical hypoxia on spinal cord function in tadpoles.

Non-genomic action of TCDD to induce inflammatory responses in HepG2 human hepatoma cells and in liver of C57BL/6J mice.

Protective effects of crude garlic by reducing iron-mediated oxidative stress, proliferation and autophagy in rats.

Dioxins, the aryl hydrocarbon receptor and the central regulation of energy balance.

[Hypothyroidism as the result of drug interaction between ferrous sulfate and levothyroxine].

Identification and investigation of mitochondria lacking cytochrome c oxidase activity in axons.

A survey of phytotoxic microbial and plant metabolites as potential natural products for pest management.

The novel role of fenofibrate in preventing nicotine- and sodium arsenite-induced vascular endothelial dysfunction in the rat.

Exposure to selected endocrine disruptors and neonatal outcome of 86 healthy boys from Nice area (France).

Phenotypic anchoring of gene expression after developmental exposure to aryl hydrocarbon receptor ligands in zebrafish.

Neuroprotective effect of curcumin in arsenic-induced neurotoxicity in rats.

Genome-wide expression analysis of human in vivo irritated epidermis: differential profiles induced by sodium lauryl sulfate and nonanoic acid.

Non-dioxin-like polychlorinated biphenyls and risk of endometriosis.

Neurodevelopmental toxicity of prenatal polychlorinated biphenyls (PCBs) by chemical structure and activity: a birth cohort study.

Mechanistic insights into the events that lead to synergistic induction of interleukin 6 transcription upon activation of the aryl hydrocarbon receptor and inflammatory signaling.

'Fatal 2,4-dinitrophenol poisoning... coming to a hospital near you'.

Does polyamine oxidase activity influence the oxidative metabolism of children who suffer of diabetes mellitus?

A novel role for the dioxin receptor in fatty acid metabolism and hepatic steatosis.

Activation of the aryl hydrocarbon receptor pathway may ameliorate dextran sodium sulfate-induced colitis in mice.

Serological cardiovascular and mortality risk predictors in dialysis patients receiving sevelamer: a prospective study.

Elevated soluble transferrin receptor levels reflect increased erythropoietic drive rather than iron deficiency in pediatric sickle cell disease.

Arsenic abrogates the estrogen-signaling pathway in the rat uterus.

Sub-chronic arsenic exposure aggravates nephrotoxicity in experimental diabetic rats.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) reverses hyperglycemia in a type II diabetes mellitus rat model by a mechanism unrelated to PPAR gamma.

A pharmacokinetic and safety study of intravenous arsenic trioxide in adult cancer patients with renal impairment.

Metabolomic analysis of uremic toxins by liquid chromatography/electrospray ionization-tandem mass spectrometry.

Malaria, *Plasmodium falciparum* and its apicoplast.

Functional studies of RYR1 mutations in the skeletal muscle ryanodine receptor using human RYR1 complementary DNA.

Oxygen-dependence of metabolic rate in the muscles of craniates.

A stochastic whole-body physiologically based pharmacokinetic model to assess the impact of inter-individual variability on tissue dosimetry over the human lifespan.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces disruption of glands of the prostate and fibrosis in rhesus monkeys.

Arsenic exposure in utero and nonepidermal proliferative response in adulthood in Tg.AC mice.

Maternal dioxin exposure combined with a diet high in fat increases mammary cancer incidence in mice.

Progesterone receptor membrane component 1 (Pgrmc1): a heme-1 domain protein that promotes tumorigenesis and is inhibited by a small molecule.

Disruption of CLOCK-BMAL1 transcriptional activity is responsible for aryl hydrocarbon receptor-mediated regulation of Period1 gene.

Kynurenic acid is a potent endogenous aryl hydrocarbon receptor ligand that synergistically induces interleukin-6 in the presence of inflammatory signaling.

Metabolic alterations in the hamster co-infected with *Schistosoma japonicum* and *Necator americanus*.

Incidence and risk factors for the development of anemia following gastric bypass surgery.

Complex gene-chemical interactions: hepatic uroporphyrin as a paradigm.

N-aryltriazole ribonucleosides with potent antiproliferative activity against drug-resistant pancreatic cancer.

Differential regulation of the dioxin-induced Cyp1a1 and Cyp1b1 genes in mouse hepatoma and fibroblast cell lines.

Dietary administration of sodium arsenite to rats: relations between dose and urinary concentrations of methylated and thio-metabolites and effects on the rat urinary bladder epithelium.

Effect of anion channel blockers on L-arginine action in spermatozoa from asthenospermic men.

Temporal and anatomical sensitivities to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin leading to premature acyclicity with age in rats.

Free p-cresylsulphate is a predictor of mortality in patients at different stages of chronic kidney disease.

Antioxidant, antimutagenic, and antidiabetic activities of edible leaves from *Cnidocolus chayamansa* Mc. Vaugh.

Maintenance of elevated versus physiological iron indices in non-anaemic patients with chronic kidney disease: a randomized controlled trial.

Speciation of arsenic trioxide penetrates into cerebrospinal fluid in patients with acute promyelocytic leukemia.

Colon cancer chemopreventive activities of pomegranate ellagitannins and urolithins.

AHR activation by tryptophan--pathogenic hallmark of Th17-mediated inflammation in eosinophilic fasciitis, eosinophilia-myalgia-syndrome and toxic oil syndrome?

beta-TrCP inhibition reduces prostate cancer cell growth via upregulation of the aryl hydrocarbon receptor.

Deliberate poisoning with dinitrophenol (DNP): an unlicensed weight loss pill.

Bronchopulmonary innervation defects in infants and rats with congenital diaphragmatic hernia.

Growth and thyroid function in children with in utero exposure to dioxin: a 5-year follow-up study.

Ground-glass-like hepatocellular inclusions in the course of adult-onset Still's disease.

Increased levels of total P-Cresylsulphate and indoxyl sulphate are associated with coronary artery disease in patients with diabetic nephropathy.

[Neurodevelopmental disorders in response to hormonally active environmental pollutants].

Inhibitory effects of uraemic toxins 3-indoxyl sulfate and p-cresol on losartan metabolism in vitro.

C-11 radiochemistry in cancer imaging applications.

Function and expression of ATP-binding cassette transporters in cultured human Y79 retinoblastoma cells.

Aryl hydrocarbon receptor functions as a potent coactivator of E2F1-dependent transcription activity.

Mammalian Per-Arnt-Sim proteins in environmental adaptation.

The involvement of hypophyseal-gonadal and hypophyseal-adrenal axes in arsenic-mediated ovarian and uterine toxicity: modulation by hCG.

Molecular mechanisms of the physiological functions of the aryl hydrocarbon (dioxin) receptor, a multifunctional regulator that senses and responds to environmental stimuli.

Increase in in utero exposure to a migrant, 4,4'-butylidenebis(6-t-butyl-m-cresol), from nitrile-butadiene rubber gloves on brain aromatase activity in male rats.

Receptor- and reactive intermediate-mediated mechanisms of teratogenesis.

Bidirectional correlation of NMR and capillary electrophoresis fingerprints: a new approach to investigating *Schistosoma mansoni* infection in a mouse model.

Disturbance of parathyroid hormone-related protein signaling in the nitrofen-induced hypoplastic lung.

Circular dichroism, optical rotation and absolute configuration of 2-cyclohexenone-cis-diol type phenol metabolites: redefining the role of substituents and 2-cyclohexenone conformation in electronic circular dichroism spectra.

A sub-nanomole level electrochemical method for determination of prochloraz and its metabolites based on medical stone doped disposable electrode.

Evidence supporting a role for N-(3-formyl-3,4-dehydropiperidino)lysine accumulation in Müller glia dysfunction and death in diabetic retinopathy.

Dioxins and human toxicity.

The use of in vitro toxicity data and physiologically based kinetic modeling to predict dose-response curves for in vivo developmental toxicity of glycol ethers in rat and man.

Effects of the compounds MV8608 and MV8612 obtained from *Mandevilla velutina* in the model of hemorrhagic cystitis induced by cyclophosphamide in rats.

Effect of biochemical stimulants on biomass productivity and metabolite content of the microalga, *Chlorella sorokiniana*.

Numerical variations and spontaneous malformations in the early embryos of the Korean salamander, *Hynobius leechii*, in the farmlands of Korea.

Detoxifying carcinogenic polyhalogenated quinones by hydroxamic acids via an unusual double Lossen rearrangement mechanism.

Metabolism and toxicity of menthofuran in rat liver slices and in rats.

Relationship between persistent halogenated organic contaminants and TCDD-toxic equivalents on EROD activity and retinoid and thyroid hormone status in northern fulmars.

Evaluation of a bioluminescent mouse model expressing aromatase PII-promoter-controlled luciferase as a tool for the study of endocrine disrupting chemicals.

Metabolic stress-induced programmed cell death in *Xanthomonas*.

Stability, preservation, and quantification of hormones and estrogenic and androgenic activities in surface water runoff.

Expression of *pax6* and *sox2* in adult olfactory epithelium.

In vivo alternative assessment of the chemicals that interfere with anterior pituitary POMC expression and interrenal steroidogenesis in POMC: EGFP transgenic zebrafish.

Discriminating between different acute chemical toxicities via changes in the daphnid metabolome.

Acute toxicity of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) in male Sprague-Dawley rats: effects on hepatic oxidative stress, glutathione and metals status.

Improved syntheses of non-dioxin-like polychlorinated biphenyls (PCBs) and some of their sulfur-containing metabolites.

Alkylation of the tumor suppressor PTEN activates Akt and β -catenin signaling: a mechanism linking inflammation and oxidative stress with cancer.

Debate on GMOs health risks after statistical findings in regulatory tests.

On-line drug metabolites generation and their subsequent target analysis by capillary zone electrophoresis with UV-absorption detection.

Radiosynthesis of the candidate beta-amyloid radioligand [(11)C]AZD2184: Positron emission tomography examination and metabolite analysis in cynomolgus monkeys.

Perfluorinated carboxylic acids inhibit cyclooxygenase pathway more potently than 12-lipoxygenase pathway in rat platelets.

Incorporating human dosimetry and exposure into high-throughput in vitro toxicity screening.

Comparative metabolism of cyclophosphamide and ifosfamide in the mouse using UPLC-ESI-QTOFMS-based metabolomics.

Metabolic bioactivation of oestradiol-17beta (E2beta) in mouse colon epithelial cells bearing *ApcMin* mutation.

Weight-of-evidence analysis of human exposures to dioxins and dioxin-like compounds and associations with thyroid hormone levels during early development.

National study of exposure to pesticides among professional applicators: an investigation based on urinary biomarkers.

Hormonal regulation of tomato gibberellin 20-oxidase1 expressed in *Arabidopsis*.

Transport of L-carnitine in human corneal and conjunctival epithelial cells.

[Study of between persistent organic pollutants (POPs) content in children vein blood and thyroid stimulating hormone (TSH) in the capcitors dismantlement area].

Differential effects of polychlorinated biphenyl congeners on serum thyroid hormone levels in rats.

AhR-agonistic, anti-androgenic, and anti-estrogenic potencies of 2-isopropylthioxanthone (ITX) as determined by in vitro bioassays and gene expression profiling.

Metabolic versatility of halotolerant and alkaliphilic strains of *Halomonas* isolated from alkaline black liquor.

Outcomes after radical prostatectomy among men who are candidates for active surveillance: results from the SEARCH database.

Gene-chemical interactions in the developing mammalian nervous system: Effects on proliferation, neurogenesis and differentiation.

Analytical method validation for the determination of meptyldinocap as 2,4-dinitrooctylphenol metabolite in mango and soil using LC-MS/MS and dissipation study of the fungicide in Indian mango field ecosystem.

An amperometric method for the detection of amitrole, glyphosate and its aminomethyl-phosphonic acid metabolite in environmental waters using passive samplers.

Computational experiments reveal plausible mechanisms for changing patterns of hepatic zonation of xenobiotic clearance and hepatotoxicity.

Gene expression profile and cytotoxicity of human bronchial epithelial cells exposed to crotonaldehyde.

Inhibition of connexin 43 gap junction channels by the endocrine disruptor ioxynil.

Distribution of 14C-2,3,7,8-tetrachlorodibenzo-p-dioxin to the brain and peripheral tissues of fetal rats and its comparison with adults.

Determination of Imazaquin and its metabolite by liquid chromatography-quadrupole-time of flight tandem mass.

Complex phenotypes of a mutant inactivated for CymR, the global regulator of cysteine metabolism in *Bacillus subtilis*.

Pulmonary artery pressure responses to increased cardiac output in chickens with raised metabolic rate.

Aldehyde dehydrogenase 2 knockout accentuates ethanol-induced cardiac depression: role of protein phosphatases.

Expression of aryl hydrocarbon receptor in human placentas and fetal tissues.

Deletion of the mitochondrial NADH kinase increases mitochondrial DNA stability and life span in the filamentous fungus *Podospira anserina*.

Metabolites of galangin by 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible cytochrome P450 1A1 in human intestinal epithelial Caco-2 cells and their antagonistic activity toward aryl hydrocarbon receptor.

[Effects of catalase activators and inhibitors on ethanol pharmacokinetic characteristics and ethanol and aldehyde-metabolizing enzyme activities in the rat liver and brain].

Dioxin-like and perfluorinated compounds in pigs in an Indian open waste dumping site: toxicokinetics and effects on hepatic cytochrome P450 and blood plasma hormones.

Arsenic metabolism by human gut microbiota upon in vitro digestion of contaminated soils.

Sensory detection and responses to toxic gases: mechanisms, health effects, and countermeasures.

Arsenic species, AS3MT amount, and AS3MT gene expression in different brain regions of mouse exposed to arsenite.

Enhanced translocation of bacteria across metabolically stressed epithelia is reduced by butyrate.

Arsenite induces aquaglyceroporin 9 expression in murine livers.

Mapping of cerebral oxidative metabolism with MRI.

The clock genes period 1 and period 2 mediate diurnal rhythms in dioxin-induced Cyp1A1 expression in the mouse mammary gland and liver.

Low-dose synergistic immunosuppression of T-dependent antibody responses by polycyclic aromatic hydrocarbons and arsenic in C57BL/6J murine spleen cells.

Nitrofen induces apoptosis independently of retinaldehyde dehydrogenase (RALDH) inhibition.

Maternal exposure to dioxin reduces hypothalamic but not pituitary metabolome in fetal rats: a possible mechanism for a fetus-specific reduction in steroidogenesis.

Effects of 1,2-dichlorobenzene on the growth, bioenergetics and reproduction of the amphipod, *Melita longidactyla*.

Two modes of mitochondrial dysfunction lead independently to lifespan extension in *Caenorhabditis elegans*.

Decrease of intracellular pH as possible mechanism of embryotoxicity of glycol ether alkoxyacetic acid metabolites.

Metabolic correlations of glucocorticoids and polyamines in inflammation and apoptosis.

Comparison of current-use pesticide and other toxicant urinary metabolite levels among pregnant women in the CHAMACOS cohort and NHANES.

1-(3',5'-dihydroxyphenoxy)-7-(2'',4'',6-trihydroxyphenoxy)-2,4,9-trihydroxydibenzo-1,4-dioxin inhibits adipocyte differentiation of 3T3-L1 fibroblasts.

Effects of folate on arsenic toxicity in Chang human hepatocytes: involvement of folate antioxidant properties.

Dynamic zebrafish interactome reveals transcriptional mechanisms of dioxin toxicity.

Induction of hepatic carbonyl reductase/20beta-hydroxysteroid dehydrogenase mRNA in rainbow trout downstream from sewage treatment works--possible roles of aryl hydrocarbon receptor agonists and oxidative stress.

A simple and sensitive HPLC method for quantification of the metabolin of meclofenoxate in human plasma.

Thermal sensitivity of mitochondrial metabolism in two distinct mitotypes of *Drosophila simulans*: evaluation of mitochondrial plasticity.

Elevated levels of volatile organic carcinogen and toxicant biomarkers in Chinese women who regularly cook at home.

Hepatic CYP1A induction by chlorinated dioxins and related compounds in the endangered black-footed albatross from the North Pacific.

Endocrine disruptor, dioxin (TCDD)-induced mitochondrial dysfunction and apoptosis in human trophoblast-like JAR cells.

Urinary metabolomics in Fxr-null mice reveals activated adaptive metabolic pathways upon bile acid challenge.

Aryl hydrocarbon receptor (AHR)-regulated transcriptomic changes in rats sensitive or resistant to major dioxin toxicities.

Time-dependent integrity during storage of natural surface water samples for the trace analysis of pharmaceutical products, feminizing hormones and pesticides.

Hemorrhagic cystitis in a patient receiving docetaxel for prostate cancer.

Distribution of PCBs, their hydroxylated metabolites, and other phenolic contaminants in human serum from two European countries.

Cryopreserved hepatocytes from rainbow trout (*Oncorhynchus mykiss*): a validation study to support their application in bioaccumulation assessment.

Uptake and transport of roxarsone and its metabolites in water spinach as affected by phosphate supply.

Increased vitamin C content accompanied by an enhanced recycling pathway confers oxidative stress tolerance in *Arabidopsis*.

Temporal variations of polybrominated dibenzo-p-dioxin and methoxylated diphenyl ether concentrations in fish revealing large differences in exposure and metabolic stability.

Xenobiotic-metabolizing cytochromes p450 in human white adipose tissue: expression and induction.

A critical role of SNF1A/dAMPKalpha (*Drosophila* AMP-activated protein kinase alpha) in muscle on longevity and stress resistance in *Drosophila melanogaster*.

Metabolism of mono- and dichloro-dibenzo-p-dioxins by *Phanerochaete chrysosporium* cytochromes P450.

The actions of fisetin on glucose metabolism in the rat liver.

Roles for glutathione transferases in plant secondary metabolism.

Development of TEFs for PCB congeners by using an alternative biomarker--thyroid hormone levels.

TCDD and a putative endogenous AhR ligand, ITE, elicit the same immediate changes in gene expression in mouse lung fibroblasts.

HPTLC densitometric evaluation of tissue culture extracts of *Nothapodytes foetida* compared to conventional extracts for camptothecin content and antimicrobial activity.

Effects of dinuclear copper(II) complexes with 6-(benzylamino)purine derivatives on AhR and PXR dependent expression of cytochromes P450 CYP1A2 and CYP3A4 genes in primary cultures of human hepatocytes.

Combined application of high resolution and tandem mass spectrometers to characterize methionine oxidation in a parathyroid hormone formulation.

The absorption characteristics of bifendate solid dispersion in rat intestinal tissue.

Interaction between oxidative stress sensor Nrf2 and xenobiotic-activated aryl hydrocarbon receptor in the regulation of the human phase II detoxifying UDP-glucuronosyltransferase 1A10.

Evidence for thyroid endocrine disruption in wild fish in San Francisco Bay, California, USA. Relationships to contaminant exposures.

C-fin: a cultured frog tadpole tail fin biopsy approach for detection of thyroid hormone-disrupting chemicals.

Effects of dioxin isomers on induction of AhRs and CYP1A1 in early developmental stage embryos of medaka (*Oryzias latipes*).

Oxytocin increases glucose uptake in neonatal rat cardiomyocytes.

Influence of repeated preexposure to arsenic on acetaminophen-induced oxidative stress in liver of male rats.

Effect of ferrous sulphate on aspartate and alanine aminotransferases of brain of *Tilapia mossambica*.

Albumin-derived peptides efficiently reduce renal uptake of radiolabelled peptides.

Enhanced metallothionein gene expression induced by mitochondrial oxidative stress is reduced in phospholipid hydroperoxide glutathione peroxidase-overexpressed cells.

Kinetics and metabolic versatility of highly tolerant phenol degrading *Alcaligenes* strain TW1.

Gender-linked haematopoietic and metabolic disturbances induced by a pesticide mixture administered at low dose to mice.

Historical perspective of pesticide poisoning in Japan and measures taken by the Japanese association of rural medicine.

Evaluation of mutagenicity of mebudipine, a new calcium channel blocker.

Xenobiotic metabolism of bank vole (*Myodes glareolus*) exposed to PCDDs.

Impact of a metabolic uncoupler, 2,4-dichlorophenol on minimization of activated sludge production in membrane bioreactor.

Effects of growth hormone and insulin-like growth factor-I on the iron-induced lipid peroxidation in the rat liver and porcine thyroid homogenates.

[The utility of MTT and XTT colorimetric tests in the studies conducted in vitro with *Toxoplasma gondii* tachyzoites].

Unmetabolized VOCs in urine as biomarkers of low level occupational exposure.

The environmental fate and effects of antifouling paint biocides.

Exposure to 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin and tetraethyl lead affects lung mitochondria bioenergetics.

Clonal propagation of *Cyclamen persicum* via somatic embryogenesis.

Fluorescence-based liver microsomal assay for screening of pharmaceutical reactive metabolites using a glutathione conjugated 96-well plate.

Reactions of the melatonin metabolite N(1)-acetyl-5-methoxykynuramine with carbamoyl phosphate and related compounds.

Mutagenic activities of a chlorination by-product of butamifos, its structural isomer, and their related compounds.

Arsenic (+ 3 oxidation state) methyltransferase and the methylation of arsenicals in the invertebrate chordate *Ciona intestinalis*.

Altered metabolisms of mediators controlling vascular function and enhanced oxidative stress in asymptomatic children with congenital portosystemic venous shunt.

Distinct regulation of insulin receptor substrate-1 and -2 by 90-kDa heat-shock protein in adrenal chromaffin cells.

Sublethal toxicant effects with dynamic energy budget theory: model formulation.

Lipid oxidation and peroxidation in CNS health and disease: from molecular mechanisms to therapeutic opportunities.

Human cytochrome P450 2E1 and sulfotransferase 1A1 coexpressed in Chinese hamster V79 cells enhance spontaneous mutagenesis.

Paraquat (PQ)-induced pulmonary fibrosis increases exercise metabolic cost, reducing aerobic performance in rats.

Toxicity assessment of the herbicide metolachlor comparative effects on bacterial and mitochondrial model systems.

Evaluation of genome damage and its relation to oxidative stress induced by glyphosate in human lymphocytes in vitro.

Phenoxy herbicides and fibrates potently inhibit the human chemosensory receptor subunit T1R3.

Plant availability and phytotoxicity of soil bound residues of herbicide ZJ0273, a novel acetolactate synthase potential inhibitor.

Acetaldehyde and the hypothermic effects of ethanol in mice.

Characterization of the hypothalamic-pituitary-adrenal axis response to atrazine and metabolites in the female rat.

Chlorotriazine herbicides and metabolites activate an ACTH-dependent release of corticosterone in male Wistar rats.

Detoxification of cytotoxic alachlor by glutathione: characterization of conjugated adducts by electrospray ionization tandem mass spectrometry.

Paraquat toxicity induced by voltage-dependent anion channel 1 acts as an NADH-dependent oxidoreductase.

Toxicokinetics of glyphosate and its metabolite aminomethyl phosphonic acid in rats.

Toxic influence of chronic oral administration of paraquat on nigrostriatal dopaminergic neurons in C57BL/6 mice.

Intravenous paraquat poisoning.

Acute and chronic toxicity of atrazine and its metabolites deethylatrazine and deisopropylatrazine on aquatic organisms.

Characterization of chromatin instabilities induced by glyphosate, terbuthylazine and carbofuran using cytome FISH assay.

[Effects of aerial applications of the herbicide glyphosate and insecticides on human health].

Molecular mechanisms of 4-hydroxy-2-nonenal and acrolein toxicity: nucleophilic targets and adduct formation.

Distinct non-target site mechanisms endow resistance to glyphosate, ACCase and ALS-inhibiting herbicides in multiple herbicide-resistant *Lolium rigidum*.

Role of NKX2-1 in N-bis(2-hydroxypropyl)-nitrosamine-induced thyroid adenoma in mice.

Effects of 2,4-dichlorophenoxyacetic acid formulation on medulla spinalis of *Poecilia reticulata*: a histopathological study.

Effectiveness of glyphosate and imazamox on the control of the invasive cordgrass *Spartina densiflora*.

Atrazine oral exposure of peripubertal male rats downregulates steroidogenesis gene expression in Leydig cells.

Bioaccessibility, bioavailability and ecotoxicity of pentachlorophenol in compost amended soils.

Subchronic feeding study of grain from herbicide-tolerant maize DP-9814-6 in Sprague-Dawley rats.

Trivalent methylated arsenical-induced phosphatidylserine exposure and apoptosis in platelets may lead to increased thrombus formation.

Arsenite and its metabolites, MMA(III) and DMA(III), modify CYP3A4, PXR and RXR alpha expression in the small intestine of CYP3A4 transgenic mice.

Effects of exposure to acetochlor on the expression of thyroid hormone related genes in larval and adult rare minnow (*Gobiocypris rarus*).

Mortality rates among trichlorophenol workers with exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Comparative effects of the formulation of glyphosate-surfactant herbicides on hemodynamics in swine.

Lemna minor L. as a model organism for ecotoxicological studies performing 1H NMR fingerprinting.

Assessing the toxicity of herbicide isoproturon on *Aporrectodea caliginosa* (*Oligochaeta*) and its fate in soil ecosystem.

Paraquat induces alternation of the dopamine catabolic pathways and glutathione levels in the substantia nigra of mice.

Effects of co-administration of dietary sodium arsenite and an NADPH oxidase inhibitor on the rat bladder epithelium.

Simultaneous toxic action of zinc and alachlor resulted in enhancement of zinc uptake by the filamentous fungus *Paecilomyces marquandii*.

Impact of glyphosate and benzo[a]pyrene on the tolerance of mosquito larvae to chemical insecticides. Role of detoxification genes in response to xenobiotics.

Effects of an epidermal growth factor receptor inhibitor on arsenic associated toxicity in the rat bladder epithelium.

Potential mechanism for pentachlorophenol-induced carcinogenicity: a novel mechanism for metal-independent production of hydroxyl radicals.

Effects of alachlor on biochemical parameters of the freshwater fish, *Channa punctatus* (Bloch).

[Dimethylarsinous acid-promoted skin tumorigenesis through the induction of oxidative stress in mice].

Evaluation of pathways involved in pentachlorophenol-induced apoptosis in rat neurons.

Chronic exposure to high levels of atrazine alters expression of genes that regulate immune and growth-related functions in developing *Xenopus laevis* tadpoles.

Glutathione-S-transferase P protects against endothelial dysfunction induced by exposure to tobacco smoke.

Urinary pesticide metabolites in school students from northern Thailand.

Changes of thyroid hormone levels and related gene expression in Chinese rare minnow (*Gobiocypris rarus*) during 3-amino-1,2,4-triazole exposure and recovery.

Development of PBPK model of molinate and molinate sulfoxide in rats and humans.

The level and clinical significance of pancreatic enzymes in survivors of acute paraquat poisoning.

Effects of monomethylarsonic and monomethylarsonous acid on evoked synaptic potentials in hippocampal slices of adult and young rats.

Pest toxicology: the primary mechanisms of pesticide action.

Protein modification by acrolein: formation and stability of cysteine adducts.

Solution structure of DNA containing alpha-OH-PdG: the mutagenic adduct produced by acrolein.

Morbidity in former sawmill workers exposed to pentachlorophenol (PCP): a cross-sectional study in New Zealand.

Responsiveness of the interrenal tissue of *Jundia quelen* (Rhamdia quelen) to an in vivo ACTH test following acute exposure to sublethal concentrations of agrichemicals.

Endocrine disrupting effects of herbicides and pentachlorophenol: in vitro and in vivo evidence.

[Changes in nitric oxide, prostaglandins and myeloperoxidase activity in acrolein-induced cystitis in rats].

The effects of prometryne on subchronically treated mice evaluated by SCGE assay.

SOD isoforms play no role in lifespan in ad lib or dietary restricted conditions, but mutational inactivation of SOD-1 reduces life extension by cold.

Heterocyclic aromatic amine pesticide use and human cancer risk: results from the U.S. Agricultural Health Study.

Genotoxicity of AMPA, the environmental metabolite of glyphosate, assessed by the Comet assay and cytogenetic tests.

Effects of propanil on the European eel *Anguilla anguilla* and post-exposure recovery using selected biomarkers as effect criteria.

Differential analysis of mycoalexins in confrontation zones of grapevine fungal pathogens by ultrahigh pressure liquid chromatography/time-of-flight mass spectrometry and capillary nuclear magnetic resonance.

Clinical outcomes and kinetics of propanil following acute self-poisoning: a prospective case series.

Arsenite and its mono- and dimethylated trivalent metabolites enhance the formation of benzo[a]pyrene diol epoxide-DNA adducts in *Xeroderma pigmentosum* complementation group A cells.

Acute toxic effects of three pesticides on *Pseudomonas putida* monitored by microcalorimeter.

Effect of a subchronic exposure to simazine on energetic metabolism of common carp (*Cyprinus carpio*).

Effects of atrazine and endosulfan sulphate on the ecdysteroid system of *Daphnia magna*.

Comparison of the sensitivity of different toxicity test endpoints in a microalga exposed to the herbicide paraquat.

Detection of ACCase target-site resistant *Alopecurus myosuroides* Huds. (black-grass) in Belgian populations.

Effects of subchronic exposure to Successor 600 (pethoxamid 600 g L⁻¹) on common carp *Cyprinus carpio*.

A review: oxidative stress in fish induced by pesticides.

Plant growth regulator (4-chlorophenoxy acetic acid) increases apoptosis in gonads of rats without changing hormonal levels.

Collaborative work on evaluation of ovarian toxicity. 14) Two- or four-week repeated-dose studies and fertility study of atrazine in female rats.

Glyphosate formulations induce apoptosis and necrosis in human umbilical, embryonic, and placental cells.

Effects of atrazine on hepatic metabolism and endocrine homeostasis in rainbow trout (*Oncorhynchus mykiss*).

Prostate cancer control and survival in Vietnam veterans exposed to Agent Orange.

Role of endoplasmic reticulum stress in acrolein-induced endothelial activation.

Biodegradation of fomesafen by strain *Lysinibacillus* sp. ZB-1 isolated from soil.

Effects of the endocrine disruptors atrazine and PCB 153 on the protein expression of MCF-7 human cells.

Influence of strain and sex on the metabolic profile of rats in repeated dose toxicological studies.

Increased sensitivity of glutathione S-transferase P-null mice to cyclophosphamide-induced urinary bladder toxicity.

Mortality rates among workers exposed to dioxins in the manufacture of pentachlorophenol.

Quantification of Paraquat, MPTP, and MPP⁺ in brain tissue using microwave-assisted solvent extraction (MASE) and high-performance liquid chromatography-mass spectrometry.

Electrospray ionization tandem mass spectrometric determination of monomethylarsonic acid and dimethylarsinic acid after adduct formation with citric acid.

Increased sensitivity of myoblasts to oxidative stress in amyotrophic lateral sclerosis peripheral tissues.

Acrolein, a ubiquitous pollutant and lipid hydroperoxide product, inhibits antiviral activity of interferon- α : relevance to hepatitis C.

[Analysis of bialaphos and its active metabolite L-glufosinate in biological specimens by HPLC].

Influence of cyclophosphamide and its metabolic products on the activity of peritoneal macrophages in mice.

Effect of sildenafil on acrolein-induced airway inflammation and mucus production in rats.

Comparison of sensitivity to arsenic compounds between a Bhas 42 cell transformation assay and a BALB/c 3T3 cell transformation assay.

Carotenoid biosynthesis in intraerythrocytic stages of *Plasmodium falciparum*.

Mutations in the *C. elegans* succinate dehydrogenase iron-sulfur subunit promote superoxide generation and premature aging.

Inhibition of 4-hydroxyphenylpyruvate dioxygenase by 2-[2-nitro-4-(trifluoromethyl)benzoyl]-1,3-cyclohexanedione.

Oxidative stress in stroke pathophysiology validation of hydrogen peroxide metabolism as a pharmacological target to afford neuroprotection.

Chronic exposure to the herbicide, atrazine, causes mitochondrial dysfunction and insulin resistance.

Fibroblasts from long-lived mutant mice show diminished ERK1/2 phosphorylation but exaggerated induction of immediate early genes.

Changes in urinary arsenic methylation profiles in a 15-year interval after cessation of arsenic ingestion in southwest Taiwan.

Transport and metabolism of the antitumour drug candidate 2'-benzoyloxycinnamaldehyde in Caco-2 cells.

The Arabidopsis PARAQUAT RESISTANT2 gene encodes an S-nitrosoglutathione reductase that is a key regulator of cell death.

Natural variation reveals relationships between pre-stress carbohydrate nutritional status and subsequent responses to xenobiotic and oxidative stress in *Arabidopsis thaliana*.

Effects of atrazine and its withdrawal on gonadotropin-releasing hormone neuroendocrine function in the adult female Wistar rat.

Influence of cobalamin on arsenic metabolism in Bangladesh.

Bioaccumulation and biotransformation of brominated and chlorinated contaminants and their metabolites in ringed seals (*Pusa hispida*) and polar bears (*Ursus maritimus*) from East Greenland.

Gene-expression profiling of grape bud response to two alternative dormancy-release stimuli expose possible links between impaired mitochondrial activity, hypoxia, ethylene-ABA interplay and cell enlargement.

Effect of glyphosate-boron application on seed composition and nitrogen metabolism in glyphosate-resistant soybean.

Delayed degradation in soil of foliar herbicides glyphosate and sulcotrione previously absorbed by plants: consequences on herbicide fate and risk assessment.

Cycloate, an inhibitor of fatty acid elongase, modulates the metabolism of very-long-side-chain alkylresorcinols in rye seedlings.

Metabolites of the phenylurea herbicides chlorotoluron, diuron, isoproturon and linuron produced by the soil fungus *Mortierella* sp.

The expression of melanin-based plumage is separately modulated by exogenous oxidative stress and a melanocortin.

Microalgae fiber optic biosensors for herbicide monitoring using sol-gel technology.

Protective mechanism of quercetin and rutin using glutathione metabolism on HO-induced oxidative stress in HepG2 cells.

Spice active principles as the inhibitors of human platelet aggregation and thromboxane biosynthesis.

¹H NMR to investigate metabolism and energy supply in rhesus macaque sperm.

A kinetic model for the metabolism of the herbicide safener fenclorim in *Arabidopsis thaliana*.

Assessment of the pesticides atrazine, endosulfan sulphate and chlorpyrifos for juvenoid-related endocrine activity using *Daphnia magna*.

Atrazine inhibits pulsatile luteinizing hormone release without altering pituitary sensitivity to a gonadotropin-releasing hormone receptor agonist in female Wistar rats.

Metabolism of flufenpyr-ethyl in rats and mice.

Time course of arsenic species in the brain and liver of mice after oral administration of arsenate.

Metabolic effects of glyphosate change the capacity of maize culture to regenerate plants.

Dissipation and leaching of acephate, chlorpyrifos, and their main metabolites in field soils of Malaysia.

Metabolic footprinting study of white spruce somatic embryogenesis using NMR spectroscopy.

Simultaneous determination of herbicide mefenacet and its metabolites residues in river water by solid phase extraction and rapid resolution liquid chromatography-mass spectrometry with pre-column derivatization.

Two novel phospholipid hydroperoxide glutathione peroxidase genes of *Paragonimus westermani* induced by oxidative stress.

Disposition of the herbicide 2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine (Atrazine) and its major metabolites in mice: a liquid chromatography/mass spectrometry analysis of urine, plasma, and tissue levels.

Evaluation of toxicity of *Cercospora piaropi* in a mycoherbicide formulation by using bacterial bioluminescence and the Ames mutagenicity tests.

Differential patterns of reactive oxygen species and antioxidative mechanisms during atrazine injury and sucrose-induced tolerance in *Arabidopsis thaliana* plantlets.

Paraquat is excluded by the blood brain barrier in rhesus macaque: An in vivo pet study.

Plasma pharmacokinetics and metabolism of the antitumour drug candidate 2'-benzoyloxycinnamaldehyde in rats.

Enhanced sensitivity to oxidative stress in transgenic tobacco plants with decreased glutathione reductase activity leads to a decrease in ascorbate pool and ascorbate redox state.

An experimental design approach employing artificial neural networks for the determination of potential endocrine disruptors in food using matrix solid-phase dispersion.

Lymphatic and portal vein absorption of organochlorine compounds in rats.

Utility of *Nicotiana tabacum* cell suspension cultures expressing human CYP1A1, CYP1A2 and CYP3A4 to study the oxidative metabolism of the herbicide 14C-fluometuron.

Leaching of Diuron, Linuron and their main metabolites in undisturbed field lysimeters.

Phytotoxicity of constituents of glandular trichomes and the leaf surface of camphorweed, *Heterotheca subaxillaris*.

Azide and Tween-20 reduce binding to autoantibody epitopes of islet antigen-2; implications for assay performance and reproducibility.

Transcriptional changes associated with reduced spontaneous liver tumor incidence in mice chronically exposed to high dose arsenic.

Local IGF-1 isoform protects cardiomyocytes from hypertrophic and oxidative stresses via SirT1 activity.

p-Cresyl sulfate and indoxyl sulfate in hemodialysis patients.

Systems metabolic effects of a *Necator americanus* infection in Syrian hamster.

Hypoxia and the metabolic phenotype of prostate cancer cells.

Effects of pomegranate chemical constituents/intestinal microbial metabolites on CYP1B1 in 22Rv1 prostate cancer cells.

Metabolite profiling identifies candidate markers reflecting the clinical adaptations associated with Roux-en-Y gastric bypass surgery.

Chronic expression of H-ferritin in dopaminergic midbrain neurons results in an age-related expansion of the labile iron pool and subsequent neurodegeneration: implications for Parkinson's disease.

Inflammatory and chloracne-like skin lesions in B6C3F1 mice exposed to 3,3',4,4'-tetrachloroazobenzene for 2 years.

Serum gamma-glutamyltransferase: new insights about an old enzyme.

Initial report of a family registry of multiple myeloma.

Acid-evoked Ca²⁺ signalling in rat sensory neurones: effects of anoxia and aglycaemia.

Urinary arsenic species and CKD in a Taiwanese population: a case-control study.

Polymorphisms in arsenic metabolism genes, urinary arsenic methylation profile and cancer.

Iron overload alters iron-regulatory genes and proteins, down-regulates osteoblastic phenotype, and is associated with apoptosis in fetal rat calvaria cultures.

Ingestion of ferrous sulfate increases ferremia in patients with short bowel syndrome.

Prenatal retinoic acid up-regulates pulmonary gene expression of COUP-TFII, FOG2, and GATA4 in pulmonary hypoplasia.

Effects of chronic exposure to DDT and TCDD on disease activity in murine systemic lupus erythematosus.

Organochlorine and heavy metals in newborns: results from the Flemish Environment and Health Survey (FLEHS 2002-2006).

CD147 silencing inhibits lactate transport and reduces malignant potential of pancreatic cancer cells in vivo and in vitro models.

Deleterious versus neuroprotective effect of metabolic inhibition after traumatic spinal cord injury.

Effects of prolonged iron overload and low frequency electromagnetic exposure on spatial learning and memory in the young rat.

Post-exposure treatment with nasal atropine methyl bromide protects against microinstillation inhalation exposure to sarin in guinea pigs.

Mechanisms of non-genotoxic carcinogens and importance of a weight of evidence approach.

Lysozyme, a mediator of sepsis that intrinsically generates hydrogen peroxide to cause cardiovascular dysfunction.

Inhibition of UV-C light-induced apoptosis in liver cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Differential effects of PINK1 nonsense and missense mutations on mitochondrial function and morphology.

Fetal and neonatal exposure to three typical environmental chemicals with different mechanisms of action: mixed exposure to phenol, phthalate, and dioxin cancels the effects of sole exposure on mouse midbrain dopaminergic nuclei.

Evaluation of the rodent Hershberger bioassay on intact juvenile males--testing of coded chemicals and supplementary biochemical investigations.

Impact of life stage and duration of exposure on arsenic-induced proliferative lesions and neoplasia in C3H mice.

Synthesis and preclinical evaluation of [(11)C]PAQ as a PET imaging tracer for VEGFR-2.

Characterization of MCF mammary epithelial cells overexpressing the Arylhydrocarbon receptor (AhR).

Activation of aryl hydrocarbon receptor by TCDD prevents diabetes in NOD mice and increases Foxp3+ T cells in pancreatic lymph nodes.

Effects of intrauterine 2,3,7,8-tetrachlorodibenzo-p-dioxin on the development and function of the gonadotrophin releasing hormone neuronal system in the male rat.

Reproductive and developmental toxicity of a pentabrominated diphenyl ether mixture, DE-71, to ranch mink (*Mustela vison*) and hazard assessment for wild mink in the Great Lakes region.

Thyroid hormone levels of pregnant inuit women and their infants exposed to environmental contaminants.

Characterization of inflammatory bowel disease with urinary metabolic profiling.

Effect of increasing dialyzer mass transfer area coefficient and dialysate flow on clearance of protein-bound solutes: a pilot crossover trial.

The protective role of HO-1 and its generated products (CO, bilirubin, and Fe) in ethanol-induced human hepatocyte damage.

Maternal exposure to dioxin disrupts gonadotropin production in fetal rats and imprints defects in sexual behavior.

Arsenic activates EGFR pathway signaling in the lung.

Dexamethasone enhances basal and TNF-alpha-stimulated production of PAI-1 via the glucocorticoid receptor regardless of 11beta-hydroxysteroid dehydrogenase 2 status in human proximal renal tubular cells.

PCBs and the energy cost of migration in the European eel (*Anguilla anguilla* L.).

Neonatal exposure to low-dose 2,3,7,8-tetrachlorodibenzo-p-dioxin causes autoimmunity due to the disruption of T cell tolerance.

Src supports UDP-glucuronosyltransferase-2B7 detoxification of catechol estrogens associated with breast cancer.

Agricultural pesticide use and pancreatic cancer risk in the Agricultural Health Study Cohort.

Methyl iodide-induced fetal hypothyroidism implicated in late-stage fetal death in rabbits.

Infantile iron poisoning: challenges in diagnosis and management.

Iron supplement in pregnancy and development of gestational diabetes--a randomised placebo-controlled trial.

Comparative effects of very low-carbohydrate, high-fat and high-carbohydrate, low-fat weight-loss diets on bowel habit and faecal short-chain fatty acids and bacterial populations.

Prevalence of diabetes and body burdens of polychlorinated biphenyls, polybrominated diphenyl ethers, and p,p'-diphenyldichloroethene in Great Lakes sport fish consumers.

Reproductive health of bass in the Potomac, U.S.A., drainage: part 1. Exploring the effects of proximity to wastewater treatment plant discharge.

Structure-effect relationship in the down-regulation of glutaminase in cultured human cells by phenylarsenic compounds.

Dimethylarsine likely acts as a mouse-pulmonary tumor initiator via the production of dimethylarsine radical and/or its peroxy radical.

Dimethylarsine likely acts as a mouse-pulmonary tumor initiator via the production of dimethylarsine radical and/or its peroxy radical.

Prevalence of metabolic syndrome associated with body burden levels of dioxin and related compounds among Japan's general population.

Possible involvement of arylhydrocarbon receptor variants in TCDD-induced thymic atrophy and XRE-dependent transcriptional activity in Wistar Hannover GALAS rats.

CYP1B1, but not CYP1A1, is downregulated by promoter methylation in colorectal cancers.

Weight loss and 2,4-dinitrophenol poisoning.

Functional characterization of ryanodine receptor (RYR1) sequence variants using a metabolic assay in immortalized B-lymphocytes.

The role of the dioxin-responsive element cluster between the Cyp1a1 and Cyp1a2 loci in aryl hydrocarbon receptor biology.

Toxic and chemopreventive ligands preferentially activate distinct aryl hydrocarbon receptor pathways: implications for cancer prevention.

Inhibition of androgen receptor transcriptional activity as a novel mechanism of action of arsenic.

Identification and quantification of 2',3'-cAMP release by the kidney.

Cytotoxicity and gene expression profiling of two hydroxylated polybrominated diphenyl ethers in human H295R adrenocortical carcinoma cells.

AHR signaling in prostate growth, morphogenesis, and disease.

Functionally modified gelatin microspheres impregnated collagen scaffold as novel wound dressing to attenuate the proteases and bacterial growth.

Bioactivation of the phytoestrogen diosmetin by CYP1 cytochromes P450.

Cytotoxicity and phytotoxicity of trichothecene macrolides from *Myrothecium graminum*.

Toxicology laboratory analysis and human exposure to p-chloroaniline.

Chronic health impairment due to 2,3,7,8-tetrachloro-dibenzo-p-dioxin exposure.

Effects of arsenic on maternal and fetal health.

The anti-apoptotic activity of albumin for endothelium is inhibited by advanced glycation end products restricting intramolecular movement.

[Experience in the treatment of iron deficiency anemia with ferro-folgamma].

Iron medication-induced gastric mucosal injury.

Thyroid lesions in the great cormorant (*Phalacrocorax carbo*) of Niigata, central Japan: a possible association with dioxin accumulation.

Targeting of aryl hydrocarbon receptor-mediated activation of cyclooxygenase-2 expression by the indole-3-carbinol metabolite 3,3'-diindolylmethane in breast cancer cells.

Combined analysis of prenatal (maternal hair and blood) and neonatal (infant hair, cord blood and meconium) matrices to detect fetal exposure to environmental pesticides.

Speciation of arsenic trioxide metabolites in blood cells and plasma of a patient with acute promyelocytic leukemia.

Mouse breast cancer model-dependent changes in metabolic syndrome-associated phenotypes caused by maternal dioxin exposure and dietary fat.

Differential effects of the mitochondrial uncoupling agent, 2,4-dinitrophenol, or the nitroxide antioxidant, Tempol, on synaptic or nonsynaptic mitochondria after spinal cord injury.

Effects of endocytosis inhibitors on internalization of human IgG by Caco-2 human intestinal epithelial cells.

Accumulation of polychlorinated biphenyls and organochlorine pesticide in pet cats and dogs: assessment of toxicological status.

Hepatic and vascular mRNA expression in adult zebrafish (*Danio rerio*) following exposure to benzo-a-pyrene and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Fetal arsenic exposure appears to facilitate endocrine disruption by postnatal diethylstilbestrol in neonatal mouse adrenal.

Glucocorticoid and adrenalectomy effects on the rat aryl hydrocarbon receptor pathway depend on the dosing regimen and post-surgical time.

[Assessment of mitochondrial metabolic oxidative state in living cardiomyocytes with spectrally-resolved fluorescence lifetime spectroscopy of NAD(P)H].

Prenatal exposure to organohalogens, including brominated flame retardants, influences motor, cognitive, and behavioral performance at school age.

Selenocysteine is selectively taken up by red blood cells.

¹¹C-GSK189254: a selective radioligand for in vivo central nervous system imaging of histamine H3 receptors by PET.

A *Saccharomyces cerevisiae*-based bioassay for assessing pesticide toxicity.

Metabolic effects of dark chocolate consumption on energy, gut microbiota, and stress-related metabolism in free-living subjects.

Differential effect of chlorine on the oxidative stress generation in dormant and active cells within colony biofilm.

The pleiotropy of dioxin toxicity--xenobiotic misappropriation of the aryl hydrocarbon receptor's alternative physiological roles.

The mammalian aryl hydrocarbon (Ah) receptor: from mediator of dioxin toxicity toward physiological functions in skin and liver.

Examination of Zolpidem effects on AhR- and PXR-dependent expression of drug-metabolizing cytochromes P450 in primary cultures of human hepatocytes.

The effect of dose on 2,3,7,8-TCDD tissue distribution, metabolism and elimination in CYP1A2 (-/-) knockout and C57BL/6N parental strains of mice.

Determination of optimal phenanthrene, sulfate and biomass concentrations for anaerobic biodegradation of phenanthrene by sulfate-reducing bacteria and elucidation of metabolic pathway.

Chlorate metabolism in pure cultures of *Escherichia coli* O157:H7 pretreated with either nitrate or chlorate.

Tuning diketodioxinone reactivity: biomimetic synthesis of the resorcylate antibiotic fungal metabolites ent-W1278A, -B, and -C, using iterative aromatization reactions.

Comparative analysis of AhR-mediated TCDD-elicited gene expression in human liver adult stem cells.

GintPDX1 encodes a protein involved in vitamin B6 biosynthesis that is up-regulated by oxidative stress in the arbuscular mycorrhizal fungus *Glomus intraradices*.

A genome-wide screen in *Saccharomyces cerevisiae* reveals pathways affected by arsenic toxicity.

Dioxin-like and endocrine disruptive activity of traffic-contaminated soil samples.

M-LDH physically associated with sarcolemmal K ATP channels mediates cytoprotection in heart embryonic H9C2 cells.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) poisoning in Victor Yushchenko: identification and measurement of TCDD metabolites.

Speciation, formation, stability and analytical challenges of human arsenic metabolites.

An overview of dioxin-like compounds, PCB, and pesticide exposures associated with sexual differentiation of neuroendocrine systems, fluctuating asymmetry, and behavioral effects in birds.

A critical review: 2,3,7,8 -tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) effects on gonad development in bivalve mollusks.

Seasonal variation in the measurement of urinary pesticide metabolites among Latino farmworkers in eastern North Carolina.

Phosphinothricin-tripeptide biosynthesis: an original version of bacterial secondary metabolism?

Preventive effect of piperonyl butoxide on cyclophosphamide-induced teratogenesis in rats.

Use of metabolic control analysis to give quantitative information on control of lipid biosynthesis in the important oil crop, *Elaeis guineensis* (oilpalm).

Contamination and screening level toxicity of sediments from remediated and unremediated wetlands near Sydney, Australia.

Effects of occupational exposure to 1,4-dichlorobenzene on hematologic, kidney, and liver functions.

Brassinosteroids promote metabolism of pesticides in cucumber.

Reduced arsenic clearance and increased toxicity in aquaglyceroporin-9-null mice.

Acacia Senegal gum exudate offers protection against cyclophosphamide-induced urinary bladder cytotoxicity.

Activation of MAPKs influences the expression of drug-metabolizing enzymes in primary human hepatocytes.

Predictive modeling of a mixture of thyroid hormone disrupting chemicals that affect production and clearance of thyroxine.

Physiological modes of action of fluoxetine and its human metabolites in algae.

Thyroid function and plasma concentrations of polyhalogenated compounds in Inuit adults.

Endocrine disruptive effect of 3-methyl-4-nitrophenol isolated from diesel exhaust particles in Hershberger assay using castrated immature rats.

Temporally resolved GC-MS-based metabolic profiling of herbicide treated plants treated reveals that changes in polar primary metabolites alone can distinguish herbicides of differing mode of action.

Cytotoxicity of spermine oxidation products to multidrug resistant melanoma M14 ADR2 cells: sensitization by the MDL 72527 lysosomotropic compound.

A unique micromechanical calorimeter for simultaneous measurement of heat rate and force production of cardiac trabeculae carnea.

Species differences for stereoselective metabolism of ethofumesate and its enantiomers in vitro.

Activation of the aryl hydrocarbon receptor during different critical windows in pregnancy alters mammary epithelial cell proliferation and differentiation.

Is the gonadotropin releasing hormone system vulnerable to endocrine disruption in birds?

Specific in vitro toxicity of crude and refined petroleum products. 1. Aryl hydrocarbon receptor-mediated responses.

Preclinical activity of palifosfamide lysine (ZIO-201) in pediatric sarcomas including oxazaphosphorine-resistant osteosarcoma.

Impaired arsenic metabolism in children during weaning.

Exposure to monomethylarsonous acid (MMA(III)) leads to altered selenoprotein synthesis in a primary human lung cell model.

Pharmacometabonomic identification of a significant host-microbiome metabolic interaction affecting human drug metabolism.

Modulation of carcinogen metabolism by nitric oxide-aspirin 2 is associated with suppression of DNA damage and DNA adduct formation.

Rescue of anaemia and autoimmune responses in SOD1-deficient mice by transgenic expression of human SOD1 in erythrocytes.

An evaluation of the cytochrome P450 inhibition potential of selected pesticides in human hepatic microsomes.

Relevance of the aryl hydrocarbon receptor (AhR) for clinical toxicology.

Radiation metabolomics. 3. Biomarker discovery in the urine of gamma-irradiated rats using a simplified metabolomics protocol of gas chromatography-mass spectrometry combined with random forests machine learning algorithm.

Anti-thyroid hormone activity of bisphenol A, tetrabromobisphenol A and tetrachlorobisphenol A in an improved reporter gene assay.

Concentrations, patterns and metabolites of organochlorine pesticides in relation to xenobiotic phase I and II enzyme activities in ringed seals (*Phoca hispida*) from Svalbard and the Baltic Sea.

The role of aryl hydrocarbon receptor in regulation of enzymes involved in metabolic activation of polycyclic aromatic hydrocarbons in a model of rat liver progenitor cells.

Plant metabolites: an alternative and sustainable approach towards post harvest pest management in pulses.

Nonlinear intestinal absorption of (1 \rightarrow 3)-beta-D-glucan caused by absorptive and secretory transporting system.

Effect of chronic exposure to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin in female rats on ovarian gene expression.

Relative developmental toxicity of glycol ether alkoxy acid metabolites in the embryonic stem cell test as compared with the in vivo potency of their parent compounds.

Reactive oxygen species as cardiovascular mediators: lessons from endothelial-specific protein overexpression mouse models.

Biotechnological and industrial significance of cyanobacterial secondary metabolites.

The effect of workload on biological monitoring of occupational exposure to toluene and n-Hexane: contribution of physiologically based toxicokinetic modeling.

Synergistic cytotoxic effect of tetrachlorocatechol and sodium azide in *Escherichia coli*: toxicity, metabolism, and mechanistic aspects.

The molecular mechanisms of diallyl disulfide and diallyl sulfide induced hepatocyte cytotoxicity.

Estrogen-like endocrine disrupting chemicals affecting puberty in humans--a review.

Biological safety of LipoFullerene composed of squalane and fullerene-C60 upon mutagenesis, photocytotoxicity, and permeability into the human skin tissue.

Cell death mechanisms in GT1-7 GnRH cells exposed to polychlorinated biphenyls PCB74, PCB118, and PCB153.

The relationship of Irgarol and its major metabolite to resident phytoplankton communities in a Maryland marina, river and reference area.

Pediocin A modulates intestinal microflora metabolism in swine in vitro intestinal fermentations.

Drug metabolizing enzyme expression in rat choroid plexus: effects of in vivo xenobiotics treatment.

Disruption of the thyroid system by diethylstilbestrol and ioxynil in the sea bream (*Sparus aurata*).

Detection of the anti-androgenic effect of endocrine disrupting environmental contaminants using in vivo and in vitro assays in the three-spined stickleback.

CYP1A1 and CYP1A2 expression: comparing 'humanized' mouse lines and wild-type mice; comparing human and mouse hepatoma-derived cell lines.

A piezoelectric immunosensor for the determination of pesticide residues and metabolites in fruit juices.

Dexamethasone controls aryl hydrocarbon receptor (AhR)-mediated CYP1A1 and CYP1A2 expression and activity in primary cultures of human hepatocytes.

Iodomethane human health risk characterization.

Evaluation of possible modes of action for acute effects of methyl iodide in laboratory animals.

In vitro glutathione conjugation of methyl iodide in rat, rabbit, and human blood and tissues.

Evaluation of respiratory parameters in rats and rabbits exposed to methyl iodide.

Two-day inhalation toxicity study of methyl iodide in the rat.

Folate, Cobalamin, Cysteine, Homocysteine, and Arsenic Metabolism among Children in Bangladesh.

Dioxin-induced up-regulation of the active form of vitamin D is the main cause for its inhibitory action on osteoblast activities, leading to developmental bone toxicity.

Studies supporting the development of a physiologically based pharmacokinetic (PBPK) model for methyl iodide: pharmacokinetics of sodium iodide (NaI) in pregnant rabbits.

Effects of aerobic and anaerobic metabolic inhibitors on avian intrapulmonary chemoreceptors.

Sustaining hypercitrullinemia, hypercholesterolemia and augmented oxidative stress in Japanese children with aspartate/glutamate carrier isoform 2-citrin-deficiency even during the silent period.

Using Biomonitoring Equivalents to interpret human biomonitoring data in a public health risk context.

Mechanisms of stress resistance in Snell dwarf mouse fibroblasts: enhanced antioxidant and DNA base excision repair capacity, but no differences in mitochondrial metabolism.

Transgenic mouse lines expressing rat AH receptor variants--a new animal model for research on AH receptor function and dioxin toxicity mechanisms.

Genetic polymorphisms in AS3MT and arsenic metabolism in residents of the Red River Delta, Vietnam.

Co-metabolism of 2,4-dichlorophenol and 4-Cl-m-cresol in the presence of glucose as an easily assimilated carbon source by *Staphylococcus xylosum*.

Biological safety of liposome-fullerene consisting of hydrogenated lecithin, glycine soja sterols, and fullerene-C60 upon photocytotoxicity and bacterial reverse mutagenicity.

Features of mitochondrial energetics in living unicellular eukaryote *Tetrahymena pyriformis*. A model for study of mammalian intracellular adaptation.

Influence of inorganic and organic iron compounds on parameters of cell growth and survival in human colon cells.

Mitochondrial bioenergetics of testicular cells from the domestic cat (*Felis catus*)-a model for endangered species.

Effects of smoking cessation on eight urinary tobacco carcinogen and toxicant biomarkers.

Multiple adverse thyroid and metabolic health signs in the population from the area heavily polluted by organochlorine cocktail (PCB, DDE, HCB, dioxin).

Aldose reductase decreases endoplasmic reticulum stress in ischemic hearts.

Variability in biomarkers of arsenic exposure and metabolism in adults over time.

5,7-dihydroxy-3,4,6-trimethoxyflavone inhibits the inflammatory effects induced by *Bacteroides fragilis* enterotoxin via dissociating the complex of heat shock protein 90 and I kappaB alpha and I kappaB kinase-gamma in intestinal epithelial cell culture.

Parathyroid hormone regulation of the human bone sialoprotein gene transcription is mediated through two cAMP response elements.

Expression and transcriptional regulation of ABC transporters and cytochromes P450 in hCMEC/D3 human cerebral microvascular endothelial cells.

Functional ryanodine receptors in the plasma membrane of RINm5F pancreatic beta-cells.

New insights into the role of Fur proteins: FurB (AlI2473) from *Anabaena* protects DNA and increases cell survival under oxidative stress.

CYP1A1 induction and CYP3A4 inhibition by the fungicide imazalil in the human intestinal Caco-2 cells-comparison with other conazole pesticides.

Deletion of the mitochondrial superoxide dismutase *sod-2* extends lifespan in *Caenorhabditis elegans*.

Signaling pathways involved in the effect of follicle-stimulating hormone on chick embryo testis cell proliferation.

The use of microelectrode array (MEA) to study the protective effects of potassium channel openers on metabolically compromised HL-1 cardiomyocytes.

Disruption of period gene expression alters the inductive effects of dioxin on the AhR signaling pathway in the mouse liver.

New ifosfamide analogs designed for lower associated neurotoxicity and nephrotoxicity with modified alkylating kinetics leading to enhanced in vitro anticancer activity.

Moricandia arvensis extracts protect against DNA damage, mutagenesis in bacteria system and scavenge the superoxide anion.

Relationship of urinary arsenic metabolites to intake estimates in residents of the Red River Delta, Vietnam.

Refractory cardiopulmonary failure after glyphosate surfactant intoxication: a case report.

Arabinoxylan-oligosaccharides (AXOS) affect the protein/carbohydrate fermentation balance and microbial population dynamics of the Simulator of Human Intestinal Microbial Ecosystem.

Zolpidem, a clinical hypnotic that affects electronic transfer, alters synaptic activity through potential GABA receptors in the nervous system without significant free radical generation.

Paclitaxel-resistance conferred by altered expression of efflux and influx transporters for paclitaxel in the human hepatoma cell line, HepG2.

Early biochemical and morphological modifications in the brain of a transgenic mouse model of Alzheimer's disease: a role for peroxisomes.

ABA-mediated inhibition of germination is related to the inhibition of genes encoding cell-wall biosynthetic and architecture: modifying enzymes and structural proteins in *Medicago truncatula* embryo axis.

The role of polyamine metabolism in neuronal injury following cerebral ischemia.

Green tea extract increases cyclophosphamide-induced teratogenesis by modulating the expression of cytochrome P-450 mRNA.

Searching for anthropogenic contaminants in human breast adipose tissues using gas chromatography-time-of-flight mass spectrometry.

Effects of perinatal PBDE exposure on hepatic phase I, phase II, phase III, and deiodinase 1 gene expression involved in thyroid hormone metabolism in male rat pups.

Role of the cyclooxygenase 2-thromboxane pathway in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced decrease in mesencephalic vein blood flow in the zebrafish embryo.

Minitags for small molecules: detecting targets of reactive small molecules in living plant tissues using 'click chemistry'.

Photolysis of the herbicide sulcotrione: formation of a major photoproduct and its toxicity evaluation.

Activation of NF-kappaB p65/c-Rel dimer is associated with neuroprotection elicited by mGlu5 receptor agonists against MPP(+) toxicity in SK-N-SH cells.

Comparison of the time courses of selective gene expression and dopaminergic depletion induced by MPP+ in MN9D cells.

Effect of alachlor and metolachlor on toxicity of chlorpyrifos and major detoxification enzymes in the aquatic midge, *Chironomus tentans* (Diptera: Chironomidae).

Application of biochemical fingerprinting and fatty acid methyl ester profiling to assess the effect of the pesticide Atradox on aquatic microbial communities.

Cytotoxic, genotoxic and cell-cycle disruptive effects of thio-dimethylarsinate in cultured human cells and the role of glutathione.

A gene-shuffled glyphosate acetyltransferase protein from *Bacillus licheniformis* (GAT4601) shows no evidence of allergenicity or toxicity.

Formation of dimethylthioarsenicals in red blood cells.

The 2,4-D herbicide effects on acetylcholinesterase activity and metabolic parameters of piava freshwater fish (*Leporinus obtusidens*).

Physiological and toxicological characterization of an engineered whole-cell biosensor.

Longitudinal changes in microbial planktonic communities of a French river in relation to pesticide and nutrient inputs.

Changes in muscarinic receptors in the toad urothelial cell line TBM-54 following acrolein treatment.

Arsenic speciation analysis in human saliva.

Phenoxyherbicides induce production of free radicals in human erythrocytes: oxidation of dichlorodihydrofluorescein and dihydrorhodamine 123 by 2,4-D-Na and MCPA-Na.

Bioaccumulation, sublethal toxicity, and biotransformation of sediment-associated pentachlorophenol in *Lumbricus variegatus* (Oligochaeta).

Pretreatment with near-infrared light via light-emitting diode provides added benefit against rotenone- and MPP+-induced neurotoxicity.

Effects of acrolein on leukotriene biosynthesis in human neutrophils.

Herbicidal effects of sulfamethoxazole in *Lemna gibba*: using p-aminobenzoic acid as a biomarker of effect.

G-protein-coupled receptor 30 and estrogen receptor-alpha are involved in the proliferative effects induced by atrazine in ovarian cancer cells.

The effect of alpha-synuclein knockdown on MPP+ toxicity in models of human neurons.

In vitro screening for aryl hydrocarbon receptor agonistic activity in 200 pesticides using a highly sensitive reporter cell line, DR-EcoScreen cells, and in vivo mouse liver cytochrome P450-1A induction by propanil, diuron and linuron.

Hepatoma tissue culture (HTC) cells as a model for investigating the effects of low concentrations of herbicide on cell structure and function.

Prostaglandin analogue misoprostol attenuates neurotoxin 1-methyl-4-phenylpyridinium-induced mitochondrial damage and cell death in differentiated PC12 cells.

A comparative 90-day toxicity study of allyl acetate, allyl alcohol and acrolein.

Determination of glyphosate, glyphosate metabolites, and glufosinate in human serum by gas chromatography-mass spectrometry.

Study of the toxicity of diuron and its metabolites formed in aqueous medium during application of the electrochemical advanced oxidation process "electro-Fenton".

Effects of subchronic exposure to LASSO MTX (alachlor 42% W/V) on hematological indices and histology of the common Carp, *Cyprinus carpio* L.

Atrazine and increased male production by *Daphnia*: the importance of combining field and laboratory approaches.

Toxicity assessment of the herbicides sulcotrione and mesotrione toward two reference environmental microorganisms: *Tetrahymena pyriformis* and *Vibrio fischeri*.

Spermatogenesis, epididymis morphology and plasma sex steroid secretion in the male lizard *Podarcis sicula* exposed to diuron.

Dissipation of four forest-use herbicides at high latitudes.

Difference in the sensitivity to chemical compounds between female and male neonates of *Daphnia magna*.

More toxic and photoresistant products from photodegradation of fenoxaprop-p-ethyl.

Sonophotocatalysis of endocrine-disrupting chemicals.

Cortisol response to acute stress in jundiá *Rhamdia quelen* acutely exposed to sub-lethal concentrations of agrichemicals.

Cilostazol inhibits oxidative stress-induced premature senescence via upregulation of Sirt1 in human endothelial cells.

Induction of enzymes of 2,4-dichlorophenoxyacetate degradation in *Burkholderia cepacia* 2a and toxicity of metabolic intermediates.

Biomonitoring Equivalents (BE) dossier for 2,4-dichlorophenoxyacetic acid (2,4-D) (CAS No. 94-75-7).

High doses of atrazine do not disrupt activity and expression of aromatase in female gonads of juvenile goldfish (*Carassius auratus* L.).

In vitro nephrotoxicity induced by propanil.

Mechanism of trifluralin-induced thyroid tumors in rats.

Growth and protein metabolism in red drum (*Sciaenops ocellatus*) larvae exposed to environmental levels of atrazine and malathion.

Cytotoxicity of combinations of arsenicals on rat urinary bladder urothelial cells in vitro.

Variations in relative stomatal and biochemical limitations to photosynthesis in a young blackbutt (*Eucalyptus pilularis*) plantation subjected to different weed control regimes.

Role of protein kinase Cdelta in paraquat-induced glial cell death.

Specific interactions of chloroacetanilide herbicides with human ABC transporter proteins.

Development of GCxGC/TOF-MS metabolomics for use in ecotoxicological studies with invertebrates.

Developmental exposure to pentachlorophenol affects the expression of thyroid hormone receptor beta1 and synapsin I in brain, resulting in thyroid function vulnerability in rats.

Comparative transcriptomic responses to chronic cadmium, fluoranthene, and atrazine exposure in *Lumbricus rubellus*.

Maneb potentiates paraquat neurotoxicity by inducing key Bcl-2 family members.

Enantioselectivity in toxicity and degradation of dichlorprop-methyl in algal cultures.

Variation in somatic and ovarian development: predicting susceptibility of amphibians to estrogenic contaminants.

Spiking solvent, humidity and their impact on 2,4-D and 2,4-DCP extractability from high humic matter content soils.

Proteomic analysis of diaminochlorotriazine adducts in wistar rat pituitary glands and LbetaT2 rat pituitary cells.

Induction of COX-2 expression by acrolein in the rat model of hemorrhagic cystitis.

Effect of 2,4-dichlorophenoxyacetic acid on growth, protein and chlorophyll-a content of *Chlorella vulgaris* and *Spirulina platensis* cells.

Acute pancreatitis caused by severe glyphosate-surfactant oral intoxication.

The early prognostic factors of glyphosate-surfactant intoxication.

A fatal intoxication from ingestion of 2-methyl-4-chlorophenoxyacetic acid (MCPA).

Diabetes and cancer in veterans of Operation Ranch Hand after adjustment for calendar period, days of spraying, and time spent in Southeast Asia.

Differential phosphorylation of translation initiation regulators 4EBP1, S6k1, and Erk 1/2 following inhibition of alcohol metabolism in mouse heart.

Changes in microbiological metabolism under chemical stress.

Metabolic acidosis in prometryn (triazine herbicide) self-poisoning.

Protective effect of prion protein via the N-terminal region in mediating a protective effect on paraquat-induced oxidative injury in neuronal cells.

Application of physiological computational fluid dynamics models to predict interspecies nasal dosimetry of inhaled acrolein.

Comparative cytotoxicity of alachlor, acetochlor, and metolachlor herbicides in isolated rat and cryopreserved human hepatocytes.

Bioremediation of atrazine-contaminated soil by forage grasses: transformation, uptake, and detoxification.

Coupling endoplasmic reticulum stress to the cell death program in dopaminergic cells: effect of paraquat.

Urinary corticosterone as an indicator of stress-mediated immunological changes in rats.

[Effects of amitrole on thyroid hormone-associated gene transcription in FRTL-5 cells].

Acrolein: sources, metabolism, and biomolecular interactions relevant to human health and disease.

Analysis of phenoxyacetic acid herbicides as biomarkers in human urine using liquid chromatography/triple quadrupole mass spectrometry.

UCP2 modulates cell proliferation through the MAPK/ERK pathway during erythropoiesis and has no effect on heme biosynthesis.

Anti-diabetic effects of cinnamaldehyde and berberine and their impacts on retinol-binding protein 4 expression in rats with type 2 diabetes mellitus.

Reduction in the anxiolytic effects of ethanol by centrally formed acetaldehyde: the role of catalase inhibitors and acetaldehyde-sequestering agents.

Hypothyroidism is associated with increased myostatin expression in rats.

Gene expression profiles of mouse striatum in control and maneb + paraquat-induced Parkinson's disease phenotype: validation of differentially expressed energy metabolizing transcripts.

Plasma acrolein levels and their association with delayed ischemic neurological deficits following aneurysmal subarachnoid haemorrhage: a pilot study.

Prostaglandins inhibit cytochrome P450 4A activity and contribute to endotoxin-induced hypotension in rats via nitric oxide production.

The biochemistry of heme biosynthesis.

Catalytic metalloporphyrin protects against paraquat neurotoxicity in vivo.

Mutations of the withered (whd) gene in *Drosophila melanogaster* confer hypersensitivity to oxidative stress and are lesions of the carnitine palmitoyltransferase I (CPT I) gene.

Oxidative stress as a biomarker of respiratory disturbance in patients with severe motor and intellectual disabilities.

Adipose tissue-specific PPARgamma deficiency increases resistance to oxidative stress.

PPARalpha and PPARbeta are differentially affected by ethanol and the ethanol metabolite acetaldehyde in the MCF-7 breast cancer cell line.

Spatial distribution of cytosolic NADP(+)-isocitrate dehydrogenase in pine embryos and seedlings.

Effect of different humic substances on the fate of diuron and its main metabolite 3,4-dichloroaniline in soil.

Transcriptional modulation of ethylene response factor protein JERF3 in the oxidative stress response enhances tolerance of tobacco seedlings to salt, drought, and freezing.

Temperature and water pressure head effects on the degradation of the diketonitrile metabolite of isoxaflutole in a loamy soil under two tillage systems.

New phytotoxic metabolites from *Pestalotiopsis* sp. HC02, a Fungus Residing in *Chondracris rosea* gut.

Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in C57BL6 mice following subchronic exposure to arsenate in drinking water.

Glutathione transferases from *Anguilla anguilla* liver: identification, cloning and functional characterization.

A SEC-HPLC-ICP MS hyphenated technique for identification of sulfur-containing arsenic metabolites in biological samples.

Molecularly imprinted polymer applied to the determination of the residual mass of atrazine and metabolites within an agricultural catchment (BrÃ©villes, France).

Metabolism of nitrodiphenyl ether herbicides by dioxin-degrading bacterium *Sphingomonas wittichii* RW1.

Role of acetaldehyde in ethanol-induced elevation of the neuroactive steroid 3alpha-hydroxy-5alpha-pregnan-20-one in rats.

Catabolism of glutathione conjugates in *Arabidopsis thaliana*. Role in metabolic reactivation of the herbicide safener fenclorim.

Quantification of atrazine and its metabolites in urine by on-line solid-phase extraction-high-performance liquid chromatography-tandem mass spectrometry.

Oxidative alterations induced by D-aspartic acid in prepubertal rat testis in vitro: a mechanistic study.

Activation of glucose transport under oxidative stress in *Escherichia coli*.

Microbial degradation of the benzonitrile herbicides dichlobenil, bromoxynil and ioxynil in soil and subsurface environments--insights into degradation pathways, persistent metabolites and involved degrader organisms.

Multi-walled carbon nanotubes as solid-phase extraction adsorbents for determination of atrazine and its principal metabolites in water and soil samples by gas chromatography-mass spectrometry.

Alteration of dopamine uptake into rat striatal vesicles and synaptosomes caused by an in vitro exposure to atrazine and some of its metabolites.

Anti-inflammation activities of essential oil and its constituents from indigenous cinnamon (*Cinnamomum osmophloeum*) twigs.

Genotoxicity of triasulfuron in the wing spot test of *Drosophila melanogaster* is modulated by winter wheat seedlings.

Improved resistance to oxidative stress by a loss-of-function mutation in the *Arabidopsis* UGT71C1 gene.

Cyanobacterial toxins as allelochemicals with potential applications as algaecides, herbicides and insecticides.

The herbicide atrazine activates endocrine gene networks via non-steroidal NR5A nuclear receptors in fish and mammalian cells.

Loss of tafazzin in yeast leads to increased oxidative stress during respiratory growth.

Developmental exposure to endocrine disruptor chemicals alters follicular dynamics and steroid levels in *Caiman latirostris*.

Nitrogen metabolism and seed composition as influenced by glyphosate application in glyphosate-resistant soybean.

New insights into a bacterial metabolic and detoxifying association responsible for the mineralization of the thiocarbamate herbicide molinate.

Extractable atrazine and its metabolites in agricultural soils from the temperate humid zone.

Genetic transformation via somatic embryogenesis to establish herbicide-resistant opium poppy.

Acrolein induces heme oxygenase-1 through PKC-delta and PI3K in human bronchial epithelial cells.

Callogenic studies of *Achyranthes aspera* leaf explant at different hormonal combinations.

In vitro regeneration of *Irvingia gabonensis* by somatic embryogenesis.

Fibroblasts from naked mole-rats are resistant to multiple forms of cell injury, but sensitive to peroxide, ultraviolet light, and endoplasmic reticulum stress.

Effects of cinnamaldehyde on PGE2 release and TRPV4 expression in mouse cerebral microvascular endothelial cells induced by interleukin-1beta.

Identification of the major arsenic-binding protein in rat plasma as the ternary dimethylarsinous-hemoglobin-haptoglobin complex.

Preventing cell death induced by carbonyl stress, oxidative stress or mitochondrial toxins with vitamin B anti-AGE agents.

Identification of metabolites during biodegradation of pendimethalin in bioslurry reactor.

Phyllostoxin and phyllostin, bioactive metabolites produced by *Phyllosticta cirsii*, a potential mycoherbicide for *Cirsium arvense* biocontrol.

Nasal uptake of inhaled acrolein in rats.

Development of a human physiologically based pharmacokinetic (PBPK) model for inorganic arsenic and its mono- and di-methylated metabolites.

Placental transfer of polychlorinated biphenyls, their hydroxylated metabolites and pentachlorophenol in pregnant women from eastern Slovakia.

Detoxification of molinate sulfoxide: comparison of spontaneous and enzymatic glutathione conjugation using human and rat liver cytosol.

Transgenic rice plants expressing human p450 genes involved in xenobiotic metabolism for phytoremediation.

Significance of the nongenomic, inflammatory pathway in mediating the toxic action of TCDD to induce rapid and long-term cellular responses in 3T3-L1 adipocytes.

Decoy receptor 3 expression in AsPC-1 human pancreatic adenocarcinoma cells via the phosphatidylinositol 3-kinase-, Akt-, and NF-kappa B-dependent pathway.

The effects of in utero exposure to a migrant, 4,4'-butylidenebis(6-t-butyl-m-cresol), from nitrile-butadiene rubber gloves on monoamine neurotransmitter in rats.

Curcumin attenuates cytochrome P450 induction in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin by ROS-dependently degrading AhR and ARNT.

Dihydrolipoic acid inhibits tetrachlorohydroquinone-induced tumor promotion through prevention of oxidative damage.

Aryl hydrocarbon receptor-interacting protein and pituitary adenomas: a population-based study on subjects exposed to dioxin after the Seveso, Italy, accident.

Effect of FeSO₄ treatment on glucose metabolism in diabetic rats.

Enhancement of hypoxia-induced gene expression in fish liver by the aryl hydrocarbon receptor (AhR) ligand, benzo[a]pyrene (BaP).

Heat shock protein 90 inhibitors suppress aryl hydrocarbon receptor-mediated activation of CYP1A1 and CYP1B1 transcription and DNA adduct formation.

Effects of 3-methyl-4-nitrophenol on the reproductive toxicity in female Japanese quail (*Coturnix japonica*).

New insights into uremic toxicity.

Elevated expression of CYP1A1 and gamma-SYNUCLEIN in human ectopic (ovarian) endometriosis compared with eutopic endometrium.

Omeprazole alleviates benzo[a]pyrene cytotoxicity by inhibition of CYP1A1 activity in human and mouse hepatoma cells.

Abnormal liver development and resistance to 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in mice carrying a mutation in the DNA-binding domain of the aryl hydrocarbon receptor.

Genotoxic potential of Polycyclic Aromatic Hydrocarbons-coated onto airborne Particulate Matter (PM 2.5) in human lung epithelial A549 cells.

Transposition of the great arteries.

A margin-of-exposure approach to assessment of noncancer risks of dioxins based on human exposure and response data.

Potassium fluxes, energy metabolism, and oxygenation in intact diabetic rat hearts under normal and stress conditions.

Parkinson disease: primacy of age as a risk factor for mitochondrial dysfunction.

Release kinetics of intact and degraded troponin I and T after irreversible cell damage.

Temporal metabonomic modeling of l-arginine-induced exocrine pancreatitis.

An enhanced postnatal autoimmune profile in 24 week-old C57BL/6 mice developmentally exposed to TCDD.

Critical role of cyclooxygenase-2 activation in pathogenesis of hydronephrosis caused by lactational exposure of mice to dioxin.

Environmental exposures and adverse pregnancy outcomes: a review of the science.

Novel ryanodine receptor mutation that may cause malignant hyperthermia.

Associations of environmental exposure to dioxins with prevalent diabetes among general inhabitants in Japan.

Protective effects of GH and IGF-I against iron-induced lipid peroxidation in vivo.

Nonadditive effects of PAHs on Early Vertebrate Development: mechanisms and implications for risk assessment.

Synthesis and evaluation in vitro and in vivo of a ¹¹C-labeled cyclooxygenase-2 (COX-2) inhibitor.

TEQ(S) and body burden for PCDDs, PCDFs, and dioxin-like PCBs in human adipose tissue.

Evaluation of tumour promoting potency of fish borne toxaphene residues, as compared to technical toxaphene and UV-irradiated toxaphene.

Concurrent subacute exposure to arsenic through drinking water and malathion via diet in male rats: effects on hepatic drug-metabolizing enzymes.

Sodium arsenite induces orphan nuclear receptor SHP gene expression via AMP-activated protein kinase to inhibit gluconeogenic enzyme gene expression.

Automated quantitative dose-response modeling and point of departure determination for large toxicogenomic and high-throughput screening data sets.

Beneficial impact of L-carnitine in liver: a study in a rat model of syndrome X.

Toxicity of inorganic arsenic and its metabolites on haematopoietic progenitors "in vitro": comparison between species and sexes.

Neonatal thyroid function in Seveso 25 years after maternal exposure to dioxin.

Interplay between cellular methyl metabolism and adaptive efflux during oncogenic transformation from chronic arsenic exposure in human cells.

Resveratrol prevents estrogen-DNA adduct formation and neoplastic transformation in MCF-10F cells.

Arsenic trioxide and auranofin inhibit selenoprotein synthesis: implications for chemotherapy for acute promyelocytic leukaemia.

Chronic exposure to glufosinate-ammonium induces spatial memory impairments, hippocampal MRI modifications and glutamine synthetase activation in mice.

Acute energy restriction triggers Wallerian degeneration in mouse.

Animal model of posterior cingulate cortex hypometabolism implicated in amnesic MCI and AD.

Cytochrome P450 2C11 5'-flanking region and promoter: regulation by aromatic hydrocarbons in vitro.

Involvement of SREBPs in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced disruption of lipid metabolism in male guinea pig.

Inorganic arsenic exposure affects pain behavior and inflammatory response in rat.

Effect of hemolytic and iron-deficiency anemia on intestinal absorption and tissue accumulation of cadmium.

Mitochondrial translocation of alpha-synuclein is promoted by intracellular acidification.

Polychlorinated biphenyl-77 induces adipocyte differentiation and proinflammatory adipokines and promotes obesity and atherosclerosis.

Can folate intake reduce arsenic toxicity?

Enhanced detection of autoantibodies on protein microarrays using a modified protein digestion technique.

Basil extract inhibits the sulfotransferase mediated formation of DNA adducts of the procarcinogen 1'-hydroxyestragole by rat and human liver S9 homogenates and in HepG2 human hepatoma cells.

Exposure assessment of workers to airborne PCDD/Fs, PCBs and PAHs at an electric arc furnace steelmaking plant in the UK.

Relationship between insulin sensitivity and exposure to dioxins and polychlorinated biphenyls in pregnant women.

Clinical manifestations and arsenic methylation after a rare subacute arsenic poisoning accident.

High potency of bioactivation of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in mouse colon epithelial cells with Apc(Min) mutation.

A study of the process of apoptosis in animals infected with the contagious ecthyma virus.

Incident diabetes and pesticide exposure among licensed pesticide applicators: Agricultural Health Study, 1993-2003.

Constitutive regulation of CYP1B1 by the aryl hydrocarbon receptor (AhR) in pre-malignant and malignant mammary tissue.

Perinatal exposure of female rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin induces central precocious puberty in the offspring.

Experience of nitisinone for the pharmacological treatment of hereditary tyrosinaemia type 1.

High prevalence of celiac disease in Mexican Mestizo adults with type 1 diabetes mellitus.

Metabolic flexibility permits mesenchymal stem cell survival in an ischemic environment.

Free p-cresol is associated with cardiovascular disease in hemodialysis patients.

Inhibition of astrocytic energy metabolism by D-lactate exposure impairs memory.

An improved system for exposure of cultured mammalian cells to gaseous compounds in the chromosomal aberration assay.

Mortality in a population exposed to dioxin after the Seveso, Italy, accident in 1976: 25 years of follow-up.

Sodium arsenite induces heat shock protein 70 expression and protects against secretagogue-induced trypsinogen and NF-kappaB activation.

Dose response evaluation of gene expression profiles in the skin of K6/ODC mice exposed to sodium arsenite.

[An overview on biomarkers of arsenic-induced health hazardsan].

Risk factors for ovarian cancer: an overview with emphasis on hormonal factors.

Role of hormonal and other factors in human prostate cancer.

Nutritional status has marginal influence on the metabolism of inorganic arsenic in pregnant Bangladeshi women.

The common environmental pollutant dioxin-induced memory deficits by altering estrogen pathways and a major route of retinol transport involving transthyretin.

Decreased epithelial barrier function evoked by exposure to metabolic stress and nonpathogenic *E. coli* is enhanced by TNF- α .

Dioxin-mediated up-regulation of aryl hydrocarbon receptor target genes is dependent on the calcium/calmodulin/CaMKI α pathway.

Regulation of aryl hydrocarbon receptor expression and function by glucocorticoids in mouse hepatoma cells.

Environmental exposure to dioxins and polychlorinated biphenyls reduce levels of gonadal hormones in newborns: results from the Duisburg cohort study.

Enhancements of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) metabolism and carcinogenic risk via NNK/arsenic interaction.

Environmental immune disruption: a comorbidity factor for reproduction?

Prenatal treatment with retinoic acid accelerates type 1 alveolar cell proliferation of the hypoplastic lung in the nitrofen model of congenital diaphragmatic hernia.

Health effects of early life exposure to arsenic.

Exploiting gene-environment interaction to detect adverse health effects of environmental chemicals on the next generation.

Essential role of the AH receptor in the dysfunction of heme metabolism induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Renoprotective action of L-carnitine in fructose-induced metabolic syndrome.

Arsenite-induced thymus atrophy is mediated by cell cycle arrest: a characteristic downregulation of E2F-related genes revealed by a microarray approach.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin administration and high-fat diet on the body weight and hepatic estrogen metabolism in female C3H/HeN mice.

Subhepatotoxic exposure to arsenic enhances lipopolysaccharide-induced liver injury in mice.

Abscisic acid controls calcium-dependent egress and development in *Toxoplasma gondii*.

The effects of gum arabic oral treatment on the metabolic profile of chronic renal failure patients under regular haemodialysis in Central Sudan.

[Outdoor work-related health hazards].

Residential exposures to pesticides and childhood leukaemia.

Integrated approach to immunotoxicity: electron transfer, reactive oxygen species, antioxidants, cell signaling, and receptors.

Environmental contaminants as risk factors for developing diabetes.

Disruption of aryl hydrocarbon receptor (AhR) induces regression of the seminal vesicle in aged male mice.

Inhalant abuse detection and evaluation in young Tunisians.

Feasibility studies of 4'-[methyl-(11)C]thiothymidine as a tumor proliferation imaging agent in mice.

Endocrine disruptors and estrogenic effects on male reproductive axis.

Effects of anoxia, aglycemia, and acidosis on cytosolic Mg²⁺, ATP, and pH in rat sensory neurons.

Does impaired mitochondrial function affect insulin signaling and action in cultured human skeletal muscle cells?

Urinary 8-hydroxydeoxyguanosine and urothelial carcinoma risk in low arsenic exposure area.

An evidence for regulatory cross-talk between aryl hydrocarbon receptor and glucocorticoid receptor in HepG2 cells.

Concentrations of urinary pesticide metabolites in small-scale farmers in Chiang Mai Province, Thailand.

Clinical applications of urinary organic acids. Part 2. Dysbiosis markers.

Preventing NAD(+) depletion protects neurons against excitotoxicity: bioenergetic effects of mild mitochondrial uncoupling and caloric restriction.

A whole-animal microplate assay for metabolic rate using zebrafish.

Arabidopsis iba response5 suppressors separate responses to various hormones.

A single administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin that produces reduced food and water intake induces long-lasting expression of corticotropin-releasing factor, arginine vasopressin, and proopiomelanocortin in rat brain.

Nonenzymatic formation of a novel hydroxylated sulfamethoxazole derivative in human liver microsomes: implications for bioanalysis of sulfamethoxazole metabolites.

Effects of 2,4-dichlorophenol on the expression of vitellogenin and estrogen receptor genes and physiology impairments in Chinese rare minnow (*Gobiocypris rarus*).

Determination of plant hormones in fertilizers by high-performance liquid chromatography with photodiode array detection: method development and single-laboratory validation.

[Gene cloning, sequence analysis and tissue expression of estrogen-related receptor alpha (Erralpha) in Japanese medaka and its transcriptional responses after differential EDCs exposure].

Comparison of enzymatic antioxidant defence systems in different metabolic types of yeasts.

Phosphorylation of xenobiotic-metabolizing cytochromes P450.

Arabidopsis AAL-toxin-resistant mutant atr1 shows enhanced tolerance to programmed cell death induced by reactive oxygen species.

Embryotoxicity hazard assessment of cadmium and arsenic compounds using embryonic stem cells.

Combining ligand-based pharmacophore modeling, quantitative structure-activity relationship analysis and in silico screening for the discovery of new potent hormone sensitive lipase inhibitors.

A human intervention study with foods containing natural Ah-receptor agonists does not significantly show AhR-mediated effects as measured in blood cells and urine.

Genetic variation for lettuce seed thermoinhibition is associated with temperature-sensitive expression of abscisic Acid, gibberellin, and ethylene biosynthesis, metabolism, and response genes.

Effects of endogenous hydrogen peroxide and glutathione on the stability of arsenic metabolites in rat bile.

Potent induction of total cellular and mitochondrial antioxidants and phase 2 enzymes by cruciferous sulforaphane in rat aortic smooth muscle cells: cytoprotection against oxidative and electrophilic stress.

Involvement of the pyrilamine transporter, a putative organic cation transporter, in blood-brain barrier transport of oxycodone.

Co-metabolic degradation of bensulfuron-methyl in laboratory conditions.

Fifteen years after "Wingspread"--environmental endocrine disrupters and human and wildlife health: where we are today and where we need to go.

New auxin analogs with growth-promoting effects in intact plants reveal a chemical strategy to improve hormone delivery.

Metabolic fate of [14C] chlorophenols in radish (*Raphanus sativus*), lettuce (*Lactuca sativa*), and spinach (*Spinacia oleracea*).

[Superoxide induces cellular growth and apoptosis of cultured human peripheral blood lymphocytes].

Formocresol blood levels in children receiving dental treatment under general anesthesia.

Identification of the functional domain of thyroid hormone receptor responsible for polychlorinated biphenyl-mediated suppression of its action in vitro.

Synthesis and in vivo evaluation of novel PET radioligands for imaging the endothelin-A receptor.

Evaluation of N (epsilon)-(3-formyl-3,4-dehydropiperidino)lysine as a novel biomarker for the severity of diabetic retinopathy.

Toxicity of analytically cleaned pentabromodiphenylether after prolonged exposure in estuarine European flounder (*Platichthys flesus*), and partial life-cycle exposure in fresh water zebrafish (*Danio rerio*).

Monitoring of dioxin-like, estrogenic and anti-androgenic activities in sediments of the Bizerta lagoon (Tunisia) by means of in vitro cell-based bioassays: contribution of low concentrations of polynuclear aromatic hydrocarbons (PAHs).

Down-regulation of the carcinogen-metabolizing enzyme cytochrome P450 1a1 by vanadium.

Phospholipase A(2), reactive oxygen species, and lipid peroxidation in CNS pathologies.

Successful desensitization with human insulin in a patient with an insulin allergy and hypersensitivity to protamine: a case report.

Mutagenicity of N-nitrosodiethanolamine in a V79-derived cell line expressing two human biotransformation enzymes.

Unbiased high-throughput screening of reactive metabolites on the linear ion trap mass spectrometer using polarity switch and mass tag triggered data-dependent acquisition.

Xenobiotic intrinsic clearance in freshly isolated hepatocytes from rainbow trout (*Oncorhynchus mykiss*): determination of trout hepatocellularity, optimization of cell concentrations and comparison of serum and serum-free incubations.

Dose-response effect of arabinoxyloligosaccharides on gastrointestinal motility and on colonic bacterial metabolism in healthy volunteers.

Metabolic reconstruction of aromatic compounds degradation from the genome of the amazing pollutant-degrading bacterium *Cupriavidus necator* JMP134.

Acetyl-L-Carnitine selectively prevents post-ischemic LTP via a possible action on mitochondrial energy metabolism.

Plasmalogen deficiency in cerebral adrenoleukodystrophy and its modulation by lovastatin.

Mild mitochondrial uncoupling in mice affects energy metabolism, redox balance and longevity.

Differences in gene expression and benzo[a]pyrene-induced DNA adduct formation in the liver of three strains of female mice with identical AhRb2 genotype treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin and/or benzo[a]pyrene.

Metabolic engineering of novel ketocarotenoid production in carrot plants.

Potential endocrine disruption of sexual development in free ranging male northern leopard frogs (*Rana pipiens*) and green frogs (*Rana clamitans*) from areas of intensive row crop agriculture.

Changes in correlation coefficients of exposure markers as a function of intensity of occupational exposure to toluene.

Alternative electron acceptors: Proposed mechanism of paraquat mitochondrial toxicity.

Molecular characterization of TRPA1 channel activation by cysteine-reactive inflammatory mediators.

Rapid screening of glutathione-trapped reactive metabolites by linear ion trap mass spectrometry with isotope pattern-dependent scanning and postacquisition data mining.

Simultaneous determination of 19 intracellular nucleotides and nucleotide sugars in Chinese Hamster ovary cells by capillary electrophoresis.

Comparative study of ezrin phosphorylation among different tissues: more is good; too much is bad.

Toxic tetrapyrrole accumulation in protoporphyrinogen IX oxidase-overexpressing transgenic rice plants.

Ghrelin infused into the portal vein inhibits glucose-stimulated insulin secretion in Wistar rats.

Gender differences in the effects of organochlorines, mercury, and lead on thyroid hormone levels in lakeside communities of Quebec (Canada).

The Duisburg birth cohort study: influence of the prenatal exposure to PCDD/Fs and dioxin-like PCBs on thyroid hormone status in newborns and neurodevelopment of infants until the age of 24 months.

Adsorptive stripping square wave voltammetry (Ad-SSWV) accomplished with second-order multivariate calibration determination of fenitrothion and its metabolites in river water samples.

Intrinsic AhR function underlies cross-talk of dioxins with sex hormone signalings.

Styrene trimer may increase thyroid hormone levels via down-regulation of the aryl hydrocarbon receptor (AhR) target gene UDP-glucuronosyltransferase.

Assessing the potential risk of oil-field produced waters using a battery of bioassays/biomarkers.

Two angular dioxygenases contribute to the metabolic versatility of dibenzofuran-degrading *Rhodococcus* sp. strain HA01.

Chemical sensitivity of the male daphnid, *Daphnia magna*, induced by exposure to juvenile hormone and its analogs.

Mutagenicity and antimutagenicity of teas used in popular medicine in the salmonella/microsome assay.

The *Caenorhabditis elegans* AMP-activated protein kinase AAK-2 is phosphorylated by LKB1 and is required for resistance to oxidative stress and for normal motility and foraging behavior.

Low-dose dioxins alter gene expression related to cholesterol biosynthesis, lipogenesis, and glucose metabolism through the aryl hydrocarbon receptor-mediated pathway in mouse liver.

Effect of dioxin exposure on aromatase expression in ovariectomized rats.

A potential route to neuroprostanes and isoprostanes: preparation of the four enantiomerically pure diastereomers of 13-F4t-neuroP.

Occurrence of endocrine-disrupting pesticide residues in wetland sediments from Beijing, China.

Spatially distributed ecological risk for fish of a coastal food web exposed to dioxins.

Quantitative analysis of three hydrogenotrophic microbial groups, methanogenic archaea, sulfate-reducing bacteria, and acetogenic bacteria, within plaque biofilms associated with human periodontal disease.

2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure disrupts granule neuron precursor maturation in the developing mouse cerebellum.

TCDD deregulates contact inhibition in rat liver oval cells via Ah receptor, JunD and cyclin A.

Energy metabolism of a unique acetic acid bacterium, *Asaia bogorensis*, that lacks ethanol oxidation activity.

On-line solid phase extraction and liquid chromatography/tandem mass spectrometry to quantify pharmaceuticals, pesticides and some metabolites in wastewaters, drinking, and surface waters.

Results of the negative control chemical allyl alcohol in the 15-day intact adult male rat screening assay for endocrine activity.

Diverse mechanisms of anti-androgen action: impact on male rat reproductive tract development.

Organochlorine residues in the blubber and liver of bottlenose dolphins (*Tursiops truncatus*) stranded in the Canary Islands, North Atlantic Ocean.

A mixture of seven antiandrogens induces reproductive malformations in rats.

Toxicogenomic analysis of gender, chemical, and dose effects in livers of TCDD- or aroclor 1254-exposed rats using a multifactor linear model.

Polychlorinated biphenyls (PCBs) and hydroxy-PCBs in adipose tissue of women in Southeast Spain.

Inhibition of carrier-mediated uptake of epirubicin reduces cytotoxicity in primary culture of rat hepatocytes.

Hair analysis to document non-fatal pesticide intoxication cases.

Mechanistic aspects of 4-amino-2,6-dichlorophenol-induced in vitro nephrotoxicity.

Transient receptor potential A1 is a sensory receptor for multiple products of oxidative stress.

[Patterns of somatic embryo formation in Siberian larch: embryological aspects].

Identification of brominated and chlorinated phenols as potential thyroid-disrupting compounds in indoor dusts.

Variability of enzyme system of Nocardioform bacteria as a basis of their metabolic activity.

The concept of neurogenic inflammation.

Effect of genotype, gelling agent, and auxin on the induction of somatic embryogenesis in sweet potato (*Ipomoea batatas* Lam.).

Differential role of ferritins in iron metabolism and virulence of the plant-pathogenic bacterium *Erwinia chrysanthemi* 3937.

Acetochlor mineralization and fate of its two major metabolites in two soils under laboratory conditions.

Development and validation of a method for the analysis of cafenstrole and its metabolite in brown rice grains and rice straw using high-performance liquid chromatography.

Neuroendocrine and behavioral effects of embryonic exposure to endocrine disrupting chemicals in birds.

Antioxidant and antimutagenic activities of Mexican oregano (*Lippia graveolens* Kunth).

Cytochrome P4501A1 expression, polychlorinated biphenyls and hydroxylated metabolites, and adipocyte size of bottlenose dolphins from the Southeast United States.

Tissue dosimetry, metabolism and excretion of pentavalent and trivalent dimethylated arsenic in mice after oral administration.

Basal and inducible CYP1 mRNA quantitation and protein localization throughout the mouse gastrointestinal tract.

Glycerol metabolism and bitterness producing lactic acid bacteria in cidermaking.

Feasibility of 2,4,6-trichlorophenol and malonic acid as metabolic uncoupler for sludge reduction in the sequence batch reactor for treating organic wastewater.

Arsenic as an endocrine disruptor: arsenic disrupts retinoic acid receptor- and thyroid hormone receptor-mediated gene regulation and thyroid hormone-mediated amphibian tail metamorphosis.

Protective effect of arjunolic acid against arsenic-induced oxidative stress in mouse brain.

Teaching (and learning from) metabolomics: the 2006 PlantMetaNet ETNA Metabolomics Research School.

Metabolism and disposition of [¹⁴C]5-amino-o-cresol in female F344 rats and B6C3F1 mice.

Development of a human adipocyte model derived from human mesenchymal stem cells (hMSC) as a tool for toxicological studies on the action of TCDD.

The genome sequence of the metal-mobilizing, extremely thermoacidophilic archaeon *Metallosphaera sedula* provides insights into bioleaching-associated metabolism.

A comparison of infant hair, cord blood and meconium analysis to detect fetal exposure to environmental pesticides.

Phytoestrogens and xenoestrogens: the contribution of diet and environment to endocrine disruption.

Approach for extrapolating in vitro metabolism data to refine bioconcentration factor estimates.

Perinatal dioxin exposure, cytochrome P-450 activity, liver functions and thyroid hormones at follow-up after 7-12 years.

Long-term stability of various drugs and metabolites in urine, and preventive measures against their decomposition with special attention to filtration sterilization.

JNK inhibitor SP600125 is a partial agonist of human aryl hydrocarbon receptor and induces CYP1A1 and CYP1A2 genes in primary human hepatocytes.

Derivation of biomonitoring equivalent (BE) values for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and related compounds: a screening tool for interpretation of biomonitoring data in a risk assessment context.

Mouse mammary tumor virus promoter-containing retroviral promoter conversion vectors for gene-directed enzyme prodrug therapy are functional in vitro and in vivo.

Protection of arsenic-induced testicular oxidative stress by arjunolic acid.

Dioxin exposure, from infancy through puberty, produces endocrine disruption and affects human semen quality.

Alpha-ketoglutarate and N-acetyl cysteine protect PC12 cells from cyanide-induced cytotoxicity and altered energy metabolism.

Chemical hypoxia-induced glucose transporter-4 translocation in neonatal rat cardiomyocytes.

P-glycoprotein-mediated efflux of phenobarbital at the blood-brain barrier evidence from transport experiments in vitro.

Molecular targets of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) within the zebrafish ovary: insights into TCDD-induced endocrine disruption and reproductive toxicity.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on testicular spermatogenesis-related panels and serum sex hormone levels in rats.

Role of the Met(287)Thr polymorphism in the AS3MT gene on the metabolic arsenic profile.

Interference of endocrine disrupting chemicals with aromatase CYP19 expression or activity, and consequences for reproduction of teleost fish.

Tissue-specific induction of EROD activity and CYP1A protein in *Sparus aurata* exposed to B(a)P and TCDD.

Evaluation of single and joint toxic effects of two antifouling biocides, their main metabolites and copper using phytoplankton bioassays.

Determination of toxicity of subacute treatment of some plant growth regulators on rats.

Mechanisms of acrolein-induced myocardial dysfunction: implications for environmental and endogenous aldehyde exposure.

Hepatotoxicity related to paraquat and diquat absorption through intact skin.

Acute effects of glyphosate herbicide on metabolic and enzymatic parameters of silver catfish (*Rhamdia quelen*).

Evaluation of the antiandrogenic effects of flutamide, DDE, and linuron in the weanling rat assay using organ weight, histopathological, and proteomic approaches.

Pesticide dose estimates for children of Iowa farmers and non-farmers.

A simple and highly repeatable colorimetric toxicity assay method using 2,6-dichlorophenolindophenol as the redox color indicator and whole eukaryote cells.

Endocrine disrupting chemicals in pesticides and herbicide in Fars Province, Iran.

Alteration of estrogen-regulated gene expression in human cells induced by the agricultural and horticultural herbicide glyphosate.

Fate of atrazine in a grassed phytoremediation system.

Acrolein inactivates paraoxonase 1: changes in free acrolein levels after hemodialysis correlate with increases in paraoxonase 1 activity in chronic renal failure patients.

Metabolic activation of herbicide products by *Vicia faba* detected in human peripheral lymphocytes using alkaline single cell gel electrophoresis.

Topological and chronological features of the impairment of glucose metabolism induced by 1-methyl-4-phenylpyridinium ion (MPP+) in rat brain slices.

Autophagic and lysosomal reactions to stress in the hepatopancreas of blue mussels.

Effects of hexazinone and atrazine on the physiology and endocrinology of smolt development in Atlantic salmon.

Trifluralin toxicity in a Chagas disease mouse model.

Toxicity of dimethylmonothioarsinic acid toward human epidermoid carcinoma A431 cells.

Functional genomic approach to identify novel genes involved in the regulation of oxidative stress resistance and animal lifespan.

Environmental genomics: mechanistic insights into toxicity of and resistance to the herbicide 2,4-D.

A proteome analysis of *Corynebacterium glutamicum* after exposure to the herbicide 2,4-dichlorophenoxy acetic acid (2,4-D).

Stereoselective toxicokinetics and tissue distribution of ethofumesate in rabbits.

Role of MGMT in protecting against cyclophosphamide-induced toxicity in cells and animals.

Biological responses of wheat (*Triticum aestivum*) plants to the herbicide chlorotoluron in soils.

Further evidence against a direct genotoxic mode of action for arsenic-induced cancer.

Arsenic-induced bladder cancer in an animal model.

The use of metabolomics for the discovery of new biomarkers of effect.

Immunomodulatory effects of the herbicide propanil on cytokine production in humans: In vivo and in vitro exposure.

Development of an immunochemical detection method for atrazine-induced albumin adducts.

Time- and dose-dependent effects of roundup on human embryonic and placental cells.

Effects of four rice herbicides on some metabolic and toxicology parameters of teleost fish (*Leporinus obtusidens*).

Toxic influence of subchronic paraquat administration on dopaminergic neurons in rats.

Nucleobase-dependent reactivity of a quinone metabolite of pentachlorophenol.

Natural products that have been used commercially as crop protection agents.

Monitoring the efficacy and metabolism of phenylcarbamates in sugar beet and black nightshade by chlorophyll fluorescence parameters.

Reduced 293T cell susceptibility to acrolein due to aldose reductase-like-1 protein expression.

No direct hepatotoxic potential following a multiple-low dose paraquat exposure in rat as related to its bioaccumulation.

The concept of "aldehyde load" in neurodegenerative mechanisms: cytotoxicity of the polyamine degradation products hydrogen peroxide, acrolein, 3-aminopropanal, 3-acetamidopropanal and 4-aminobutanal in a retinal ganglion cell line.

[Proteolytic stress induced by environmental toxins in dopaminergic neurons: an experimental study].

An unusual toxic cause of hemolytic-uremic syndrome.

Atrazine-induced aromatase expression is SF-1 dependent: implications for endocrine disruption in wildlife and reproductive cancers in humans.

On the mechanism of action and selectivity of the corn herbicide topramezone: a new inhibitor of 4-hydroxyphenylpyruvate dioxygenase.

Impaired alveolar epithelial cell differentiation in the hypoplastic lung in nitrofen-induced congenital diaphragmatic hernia.

Cytotoxicity of chloroacetanilide herbicide alachlor in HepG2 cells independent of CYP3A4 and CYP3A7.

Altered regulation of retinoic acid synthesis in nitrofen-induced hypoplastic lung.

P38 and ERK mitogen-activated protein kinases mediate acrolein-induced apoptosis in Chinese hamster ovary cells.

Mammary gland development as a sensitive end point after acute prenatal exposure to an atrazine metabolite mixture in female Long-Evans rats.

Atrazine and reproductive function: mode and mechanism of action studies.

Safeners coordinately induce the expression of multiple proteins and MRP transcripts involved in herbicide metabolism and detoxification in *Triticum tauschii* seedling tissues.

Adenine nucleotide pool perturbation is a metabolic trigger for AMP deaminase inhibitor-based herbicide toxicity.

Gestational exposure to nonylphenol causes precocious mammary gland development in female rat offspring.

Effect of the herbicide flumioxazin on photosynthetic performance of grapevine (*Vitis vinifera* L.).

Dopaminergic toxicity of the herbicide atrazine in rat striatal slices.

The effect of amifostine, a cytoprotective agent, on paraquat toxicity in mice.

[Study of the mechanism of thyroid hormone disrupted by pentachlorophenol in FRTL-5 cell].

Dopaminergic toxicity associated with oral exposure to the herbicide atrazine in juvenile male C57BL/6 mice.

Toxic effects of pentachlorophenol on *Lemna polyrhiza*.

Characterization of hepatic glutathione S-transferases in coho salmon (*Oncorhynchus kisutch*).

Follow-up testing of rodent carcinogens not positive in the standard genotoxicity testing battery: IWGT workgroup report.

Assessment of the potential toxicity of herbicides and their degradation products to nontarget cells using two microorganisms, the bacteria *Vibrio fischeri* and the ciliate *Tetrahymena pyriformis*.

Atrazine-induced reproductive tract alterations after transplacental and/or lactational exposure in male Long-Evans rats.

Identification of *Caenorhabditis elegans* genes regulating longevity using enhanced RNAi-sensitive strains.

Phytotoxicity of volatile oil from *Eucalyptus citriodora* against some weedy species.

Preliminary examination of short-term cellular toxicological responses of the coral *Madracis mirabilis* to acute Irgarol 1051 exposure.

The hormonal herbicide, 2,4-dichlorophenoxyacetic acid, inhibits *Xenopus* oocyte maturation by targeting translational and post-translational mechanisms.

2,4-D butoxyethyl ester kinetics in embryos of *Xenopus laevis*: the role of the embryonic jelly coat in reducing chemical absorption.

Urinary pesticide concentrations among children, mothers and fathers living in farm and non-farm households in Iowa.

Epidemiological and clinical investigations among employees in a former herbicide production process.

Bioaccumulation of paraquat by *Lumbriculus variegatus* in the presence of dissolved natural organic matter and impact on energy costs, biotransformation and antioxidative enzymes.

Amifostine and glutathione prevent ifosfamide- and acrolein-induced hemorrhagic cystitis.

Dacthal and chlorophenoxy herbicides and chlorothalonil fungicide in eggs of osprey (*Pandion haliaetus*) from the Duwamish-Lake Washington-Puget Sound area of Washington state, USA.

Mitochondrial effects of lipid-derived neurotoxins.

Arsenic speciation of two specimens of Napoleon's hair.

Research toward the development of a biologically based dose response assessment for inorganic arsenic carcinogenicity: a progress report.

Arsenic metabolism, genetic susceptibility, and risk of premalignant skin lesions in Bangladesh.

Carcinogenicity of dimethylarsinic acid in Ogg1-deficient mice.

Acrolein induces cyclooxygenase-2 and prostaglandin production in human umbilical vein endothelial cells: roles of p38 MAP kinase.

Acute acrolein-induced cystitis in mice.

Evaluation of oxidative stress in D-serine induced nephrotoxicity.

A possible role of thioredoxin interacting protein in the pathogenesis of streptozotocin-induced diabetic nephropathy.

Cinnamaldehyde--a potential antidiabetic agent.

Lack of mutagenicity of acrolein-induced DNA adducts in mouse and human cells.

Genome-wide interacting effects of sucrose and herbicide-mediated stress in *Arabidopsis thaliana*: novel insights into atrazine toxicity and sucrose-induced tolerance.

Tomato plants overexpressing CaKR1 enhanced tolerance to salt and oxidative stress.

Nitrogen metabolism and flower symmetry of petunia corollas treated with glyphosate.

Metabolic profiling using Fourier-transform ion-cyclotron-resonance mass spectrometry.

Tracing 2,4-D metabolism in *Cupriavidus necator* JMP134 with ¹³C-labelling technique and fatty acid profiling.

Seasonal variations of selected herbicides and related metabolites in water, sediment, seaweed and clams in the Sacca di Goro coastal lagoon (Northern Adriatic).

Concentrations and specific loads of glyphosate, diuron, atrazine, nonylphenol and metabolites thereof in French urban sewage sludge.

Oral absorption and oxidative metabolism of atrazine in rats evaluated by physiological modeling approaches.

Processes affecting the dissipation of the herbicide isoxaflutole and its diketonitrile metabolite in agricultural soils under field conditions.

Mechanism of the cytotoxicity of the diazoparaquinone antitumor antibiotic kinamycin F.

Assessing exposure to atrazine and its metabolites using biomonitoring.

Formation of an adduct between insulin and the toxic lipoperoxidation product acrolein decreases both the hypoglycemic effect of the hormone in rat and glucose uptake in 3T3 adipocytes.

[Determination of atrazine and its metabolites in human urines using gas chromatography].

Characterization of diuron N-demethylation by mammalian hepatic microsomes and cDNA-expressed human cytochrome P450 enzymes.

Identification of human urinary metabolites of acetochlor in exposed herbicide applicators by high-performance liquid chromatography-tandem mass spectrometry.

Adipokinetic hormone-induced enhancement of antioxidant capacity of *Pyrrhocoris apterus* hemolymph in response to oxidative stress.

Pesticide urinary metabolite levels of children in eastern North Carolina farmworker households.

Developmental plasticity of glandular trichomes into somatic embryogenesis in *Tilia amurensis*.

Disruption of thyroid hormone binding to sea bream recombinant transthyretin by ioxinyl and polybrominated diphenyl ethers.

Thio-dimethylarsinate is a common metabolite in urine samples from arsenic-exposed women in Bangladesh.

Modification by acrolein, a component of tobacco smoke and age-related oxidative stress, mediates functional impairment of human apolipoprotein E.

Tissue distribution and urinary excretion of dimethylated arsenic and its metabolites in dimethylarsinic acid- or arsenate-treated rats.

Influence of rainfall distribution on simulations of atrazine, metolachlor, and isoxaflutole/metabolite transport in subsurface drained fields.

Application of genetic algorithm for selection of variables for the BLLS method applied to determination of pesticides and metabolites in wine.

[Structure-activity relationship of phenylallyl compounds inhibiting PGE₂ release in mouse cerebral microvascular endothelial cells induced by IL-1 β].

Trace analysis of sulfonyleurea herbicides and their metabolites in water using a combination of off-line or on-line solid-phase extraction and liquid chromatography-tandem mass spectrometry.

Induction of COX-2 by acrolein in rat lung epithelial cells.

Solid phase extraction of phosphorus-containing amino acid-type herbicides and their metabolites from human blood with titania for determination by capillary electrophoresis.

Distribution of ¹⁴C-atrazine following an acute lactational exposure in the Wistar rat.

Improved HPLC-MS/MS method for determination of isoxaflutole (balance) and its metabolites in soils and forage plants.

Glyphosate-resistant and -susceptible soybean (*Glycine max*) and canola (*Brassica napus*) dose response and metabolism relationships with glyphosate.

Quantification of atrazine, phenylurea, and sulfonyleurea herbicide metabolites in urine by high-performance liquid chromatography-tandem mass spectrometry.

Determination of xenobiotic intrinsic clearance in freshly isolated hepatocytes from rainbow trout (*Oncorhynchus mykiss*) and rat and its application in bioaccumulation assessment.

Consumption of folate-related nutrients and metabolism of arsenic in Bangladesh.

Is the titer of adipokinetic peptides in *Leptinotarsa decemlineata* fed on genetically modified potatoes increased by oxidative stress?

Measurement uncertainty arising from trueness of the analysis of two endocrine disruptors and their metabolites in environmental samples. Part I: ultrasonic extraction from diverse sediment matrices.

Measurement uncertainty arising from trueness of the analysis of two endocrine disruptors and their metabolites in environmental samples. Part II. Solid-phase extraction from environmental natural waters.

Estimating constants for metabolism of atrazine in freshly isolated rat hepatocytes by kinetic modeling.

Plastid biotechnology: prospects for herbicide and insect resistance, metabolic engineering and molecular farming.

Effect of norflurazon on resorcinolic lipid metabolism in rye seedlings.

Ifosfamide toxicity in cultured proximal renal tubule cells.

Effect of arbuscular mycorrhizal fungus (*Glomus caledonium*) on the accumulation and metabolism of atrazine in maize (*Zea mays* L.) and atrazine dissipation in soil.

Poly-beta-hydroxybutyrate accumulation in *Nostoc muscorum*: effects of metabolic inhibitors.

Degradation and sorption of fluometuron and metabolites in conservation tillage soils.

Evaluation of the three most commonly used analytical methods for determination of inorganic arsenic and its metabolites in urine.

Sequestration of a fluorinated analog of 2,4-dichlorophenol and metabolic products by *L. minor* as evidenced by ¹⁹F NMR.

Degradation of the herbicide dichlobenil and its metabolite BAM in soils and subsurface sediments.

Metabolic differences between two dimethylthioarsenicals in rats.

Effect of the expression of cyanamide hydratase on metabolites in cyanamide-treated soybean plants kept in the light or dark.

Polychlorinated biphenyls and their hydroxylated metabolites (OH-PCBS) in pregnant women from eastern Slovakia.

Agmatine transport into spinal nerve terminals is modulated by polyamine analogs.

Binding of dimethylarsinous acid to cys-13 α of rat hemoglobin is responsible for the retention of arsenic in rat blood.

Effect of fasting on the pattern of urinary arsenic excretion.

Degradation and mineralization of nanomolar concentrations of the herbicide dichlobenil and its persistent metabolite 2,6-dichlorobenzamide by *Aminobacter* spp. isolated from dichlobenil-treated soils.

Bioconcentration, biomagnification and metabolism of ¹⁴C-terbutryn and ¹⁴C-benzo[a]pyrene in *Gammarus fossarum* and *Asellus aquaticus*.

Fate of Irgarol 1051, diuron and their main metabolites in two UK marine systems after restrictions in antifouling paints.

Organochlorines and risk of non-Hodgkin lymphoma.

Anti-inflammatory lipid mediator 15d-PGJ2 inhibits translation through inactivation of eIF4A.

Pulmonary lesions in female Harlan Sprague-Dawley rats following two-year oral treatment with dioxin-like compounds.

Evaluation of electrospray ionization and atmospheric pressure chemical ionization for simultaneous detection of estrone and its metabolites using high-performance liquid chromatography/tandem mass spectrometry.

Identification of interspecies concordance of mechanisms of arsenic-induced bladder cancer.

Increased plasma malondialdehyde and fructosamine in iron deficiency anemia: effect of treatment.

Folate deficiency enhances arsenic effects on expression of genes involved in epidermal differentiation in transgenic K6/ODC mouse skin.

Autism: transient in utero hypothyroxinemia related to maternal flavonoid ingestion during pregnancy and to other environmental antithyroid agents.

[A protector effect of cytokinin preparations on the photosynthetic apparatus of wheat plants under water deficiency conditions].

Pharmacokinetics of 3-[125I]iodo-alpha-methyl-L-tyrosine, a tumor imaging agent, after probenecid loading in mice implanted with colon cancer DLD-1 cells.

Porphyria cutanea tarda as rare cutaneous manifestation of hepatic metastases treated with interferon.

Determination of glyoxal and methylglyoxal in the serum of diabetic patients by MEKC using stilbenediamine as derivatizing reagent.

Arsenic neurotoxicity--a review.

Mechanisms of action of the congenital diaphragmatic hernia-inducing teratogen nitrofen.

Serum profiles of PCDDs and PCDFs, in individuals near the Escambia Wood Treating Company Superfund site in Pensacola, FL.

Effects of dinoseb on energy reserves in the soil arthropod *Folsomia candida*.

Cortical spreading depression releases ATP into the extracellular space and purinergic receptor activation contributes to the induction of ischemic tolerance.

Relationship between serum concentrations of persistent organic pollutants and the prevalence of metabolic syndrome among non-diabetic adults: results from the National Health and Nutrition Examination Survey 1999-2002.

Functional characterization of the promoter of human carbonyl reductase 1 (CBR1). Role of XRE elements in mediating the induction of CBR1 by ligands of the aryl hydrocarbon receptor.

Embryonic essential myosin light chain regulates fetal lung development in rats.

Comparison of fathead minnow ovary explant and H295R cell-based steroidogenesis assays for identifying endocrine-active chemicals.

Cobaltous chloride and hypoxia inhibit aryl hydrocarbon receptor-mediated responses in breast cancer cells.

Goserelin acetate 10.8 mg plus iron versus iron monotherapy prior to surgery in premenopausal women with iron-deficiency anemia due to uterine leiomyomas: results from a Phase III, randomized, multicenter, double-blind, controlled trial.

Delayed-type hypersensitivity reaction to the meta-cresol component of insulin.

Interference of contaminated sediment extracts and environmental pollutants with retinoid signaling.

Polychlorinated biphenyls modulated tumorigenesis in Sprague Dawley rats: correlation with mixed function oxidase activities and superoxide (O_2^*) formation potentials and implied mode of action.

Mitochondrial respiratory inhibition and oxidative stress elevate beta-secretase (BACE1) proteins and activity in vivo in the rat retina.

Workshop overview: arsenic research and risk assessment.

Transplacental arsenic carcinogenesis in mice.

Fasting enhances p-Cresol production in the rat intestinal tract.

Insulin resistance and the mitochondrial link. Lessons from cultured human myotubes.

Dinitrophenol and obesity: an early twentieth-century regulatory dilemma.

Serum dioxin concentrations and risk of uterine leiomyoma in the Seveso Women's Health Study.

Subchronic feeding study of DAS-59122-7 maize grain in Sprague-Dawley rats.

Pesticides and their metabolites in the homes and urine of farmworker children living in the Salinas Valley, CA.

Ferula gummosa Boiss. Embryogenic culture and karyological changes.

Elevation of 8-hydroxydeoxyguanosine and cell proliferation via generation of oxidative stress by organic arsenicals contributes to their carcinogenicity in the rat liver and bladder.

The menace of endocrine disruptors on thyroid hormone physiology and their impact on intrauterine development.

Maternal exposure of low dose of TCDD modulates the expression of estrogen receptor subunits of male gonads in offspring.

Positive associations of serum concentration of polychlorinated biphenyls or organochlorine pesticides with self-reported arthritis, especially rheumatoid type, in women.

Estrogen metabolism and formation of estrogen-DNA adducts in estradiol-treated MCF-10F cells. The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin induction and catechol-O-methyltransferase inhibition.

Proteome and cytoskeleton responses in osteosarcoma cells with reduced OXPHOS activity.

Symptomatic response of erythropoietic protoporphyria to iron supplementation.

Concentrations of organochlorine pollutants in mothers who gave birth to neonates with congenital hypothyroidism.

Effects of 3-methyl-4-nitrophenol in diesel exhaust particles on the regulation of reproductive function in immature female Japanese quail (*Coturnix japonica*).

Aryl hydrocarbon receptor plays a significant role in mediating airborne particulate-induced carcinogenesis in mice.

Molecular mechanisms of the diabetogenic effects of arsenic: inhibition of insulin signaling by arsenite and methylarsonous acid.

Post-Injury Administration of Mitochondrial Uncouplers Increases Tissue Sparing and Improves Behavioral Outcome following Traumatic Brain Injury in Rodents.

Inhibition of NF- κ B does not induce c-Jun N-terminal kinase-mediated apoptosis in reperfusion injury.

Inhibiting glycosphingolipid synthesis improves glycemic control and insulin sensitivity in animal models of type 2 diabetes.

Ketone bodies alter dinitrophenol-induced glucose uptake through AMPK inhibition and oxidative stress generation in adult cardiomyocytes.

Some clinico and histopathological changes in female goats experimentally exposed to dioxin.

Ubiquitinated-protein aggregates form in pancreatic beta-cells during diabetes-induced oxidative stress and are regulated by autophagy.

Zinc supplementation of pregnant rats with adequate zinc nutrition suppresses immune functions in their offspring.

Antinuclear antibodies and bromoxynil exposure in a rural sample.

Prevention of aneuploidy by S-adenosyl-methionine in human cells treated with sodium arsenite.

Effects of various pesticides on human 5 α -reductase activity in prostate and LNCaP cells.

Prenatal TCDD exposure predisposes for mammary cancer in rats.

Thirteen week feeding study with transgenic maize grain containing event DAS- \sim 15 \sim 7-1 in Sprague-Dawley rats.

Developmental exposure of mice to TCDD elicits a similar uterine phenotype in adult animals as observed in women with endometriosis.

Internal dose-effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in gonadotropin-primed weanling rat model.

Different states of energy metabolism in the vertebrate retina can be identified by stimulus-related changes in near UV transmission.

Suppression of fetal testicular cytochrome P450 17 by maternal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: a mechanism involving an initial effect on gonadotropin synthesis in the pituitary.

Inhibition of CYP1A enzymes by alpha-naphthoflavone causes both synergism and antagonism of retene toxicity to rainbow trout (*Oncorhynchus mykiss*).

Serum dioxin concentrations and quality of ovarian function in women of Seveso.

Pesticide exposure and self-reported gestational diabetes mellitus in the Agricultural Health Study.

Association of a polychlorinated dibenzo-p-dioxin, a polychlorinated biphenyl, and DDT with diabetes in the 1999-2002 National Health and Nutrition Examination Survey.

Benzo[a]pyrene-7,8-dihydrodiol promotes checkpoint activation and G2/M arrest in human bronchoalveolar carcinoma H358 cells.

Effects of 3-methyl-4-nitrophenol in diesel exhaust particles on the regulation of testicular function in immature male rats.

Pharmacokinetics of arsenic species in Japanese patients with relapsed or refractory acute promyelocytic leukemia treated with arsenic trioxide.

Nucleotide metabolizing ecto-enzymes in Walker 256 tumor cells: molecular identification, kinetic characterization and biochemical properties.

Reduced expression of aquaporin 5 water channel in nitrofen-induced hypoplastic lung with congenital diaphragmatic hernia rat model.

Neurological and neurophysiological examinations on workers with chronic poisoning by 2,3,7,8-TCDD: follow-up 35 years after exposure.

Fetal onset of aberrant gene expression relevant to pulmonary carcinogenesis in lung adenocarcinoma development induced by in utero arsenic exposure.

P-selectin mediates metastatic progression through binding to sulfatides on tumor cells.

P-cresylsulphate, the main in vivo metabolite of p-cresol, activates leucocyte free radical production.

4-monochlorobiphenyl (PCB3) induces mutations in the livers of transgenic Fisher 344 rats.

Effect of iron repletion and correction of iron deficiency on thyroid function in iron-deficient Iranian adolescent girls.

Genetic polymorphisms in MTHFR 677 and 1298, GSTM1 and T1, and metabolism of arsenic.

Transcriptional control of energy homeostasis through the PGC1 coactivators.

Transcriptional control of mitochondrial energy metabolism through the PGC1 coactivators.

[Sodium azide--clinical course of the poisoning and treatment].

[11C]Vinblastine syntheses and preliminary imaging in cancer patients.

Rapid screening assay of trimethylaminuria in urine with matrix-assisted laser desorption/ionization time-of-flight mass spectrometry.

Altered subcellular distribution of the Alzheimer's amyloid precursor protein under stress conditions.

Arsenic methylation, urinary arsenic metabolites and human diseases: current perspective.

Fatty acid biosynthesis as a drug target in apicomplexan parasites.

Is any link between inflammation and coronary artery ectasia?

Taurine release in mouse brain stem slices under cell-damaging conditions.

Toxicity and metabolism of p-chlorophenol in the marine microalga *Tetraselmis marina*.

Endocrine-disrupting potential of bisphenol A, bisphenol A dimethacrylate, 4-n-nonylphenol, and 4-n-octylphenol in vitro: new data and a brief review.

Semen quality in relation to xenohormone and dioxin-like serum activity among Inuits and three European populations.

A critical comparison of murine pathology and epidemiological data of TCDD, PCB126, and PeCDF.

Association of thyroid hormone concentrations with levels of organochlorine compounds in cord blood of neonates.

Mitochondrial P450-dependent arachidonic acid metabolism by TCDD-induced hepatic CYP1A5; conversion of EETs to DHETs by mitochondrial soluble epoxide hydrolase.

Constitutive mRNA expression of various glutathione S-transferase isoforms in different tissues of mice.

Thyroxine-metabolizing rat uridine diphosphate-glucuronosyltransferase 1A7 is regulated by thyroid hormone receptor.

Dioxin affects glucose transport via the arylhydrocarbon receptor signal cascade in pluripotent embryonic carcinoma cells.

Constitutive expression and inducibility of CYP1A1 in the H9c2 rat cardiomyoblast cells.

Oxidative metabolism of lung macrophages exposed to sodium arsenite.

Online monitoring of BALB/3T3 metabolism and adhesion with multiparametric chip-based system.

A new electro-optical approach to rapid assay of cell viability.

Polychlorinated biphenyls 105 and 118 form thyroid hormone receptor agonists after cytochrome P4501A1 activation in rat pituitary GH3 cells.

Treatment of municipal wastewater with the sequence batch reactor under uncoupling metabolic conditions.

Influence of different organic amendments on the degradation, metabolism, and adsorption of terbuthylazine.

Metabolic fate of [(14)C]-2,4-dichlorophenol in tobacco cell suspension cultures.

Detection and structural characterization of glutathione-trapped reactive metabolites using liquid chromatography-high-resolution mass spectrometry and mass defect filtering.

Disruption of clock gene expression alters responses of the aryl hydrocarbon receptor signaling pathway in the mouse mammary gland.

Exposure to arsenic at levels found in U.S. drinking water modifies expression in the mouse lung.

Effects of either glucose or fructose and metabolic regulators on bovine embryo development and lipid accumulation in vitro.

The nitric oxide prodrug, V-PYRRO/NO, mitigates arsenic-induced liver cell toxicity and apoptosis.

Structure of *Arabidopsis thaliana* 5-methylthioribose kinase reveals a more occluded active site than its bacterial homolog.

Induction of somatic embryogenesis in saffron using thidiazuron (TDZ).

Genetic determinants of mitochondrial response to arsenic in yeast *Saccharomyces cerevisiae*.

Growth optimization of *Zataria multiflora* Boiss. tissue cultures and rosmarinic acid production improvement.

Effects of genistein and herbimycin, tyrosine kinase inhibitors, on catecholamine release in bovine adrenal chromaffin cells.

Folic acid supplementation lowers blood arsenic.

Determination of alachlor, metolachlor, and their acidic metabolites in soils by microwave-assisted extraction (MAE) combined with solid phase extraction (SPE) coupled with GC-MS and HPLC-UV analysis.

New concept for a toxicity assay based on multiple indexes from the wave shape of damped metabolic oscillation induced in living yeast cells (part II): application to analytical toxicology.

Oxidative stress and antioxidant defenses in goldfish liver in response to short-term exposure to arsenite.

Accumulation of hypoxia-inducible factor-1 α through a novel electrophilic, thiol antioxidant-sensitive mechanism.

Comparative evaluation of biomarkers of occupational exposure to toluene.

In vitro release study of mono-PEGylated growth hormone-releasing peptide-6 from PLGA microspheres.

Aryl hydrocarbon receptor splice variants in the dioxin-resistant rat: tissue expression and transactivational activity.

Importance of hepatic induction of constitutive androstane receptor and other transcription factors that regulate xenobiotic metabolism and transport.

Early maturation of gonadotropin-releasing hormone secretion and sexual precocity after exposure of infant female rats to estradiol or dichlorodiphenyltrichloroethane.

Environmental toxicants may modulate osteoblast differentiation by a mechanism involving the aryl hydrocarbon receptor.

Simultaneous determination of terbuthylazine and its major hydroxy and dealkylated metabolites in wetland water samples using solid-phase extraction and high-performance liquid chromatography with diode-array detection.

Evaluation of novel microtubules interfering agents myoseverin, tubulyzine and E2GG in primary cultures of rat hepatocytes.

[Enhancement of biodegradation of 4-chlorophenol during co-metabolic process by immobilized-cells of *Pseudomonas putida*].

Potentiating effect of an endocrine disruptor, paranonylphenol, on the generation of reactive oxygen species (ROS) in human venous blood -- association with the activation of signal transduction pathway.

An angiotensin II type-I receptor blocker, olmesartan medoxomil, attenuates lipid peroxidation in renal injury induced by subtotal nephrectomy.

3-Methyl-4-nitrophenol metabolism by uridine diphosphate glucuronosyltransferase and sulfotransferase in liver microsomes of mice, rats, and Japanese quail (*Coturnix japonica*).

Metabolism of benzo[a]pyrene in human bronchoalveolar H358 cells using liquid chromatography-mass spectrometry.

Modulation of TASK-like background potassium channels in rat arterial chemoreceptor cells by intracellular ATP and other nucleotides.

Tumor necrosis factor-alpha modulates effects of aryl hydrocarbon receptor ligands on cell proliferation and expression of cytochrome P450 enzymes in rat liver "stem-like" cells.

A new bioluminescent cellular assay to measure the transcriptional effects of chemicals that modulate the alpha-1 thyroid hormone receptor.

The mode of action of thidiazuron: auxins, indoleamines, and ion channels in the regeneration of *Echinacea purpurea* L.

Arsenite induced oxidative damage in mouse liver is associated with increased cytokeratin 18 expression.

Catalase takes part in rat liver mitochondria oxidative stress defense.

Metabolic activation of herbal and dietary constituents and its clinical and toxicological implications: an update.

Relationships of thyroid hormones with polychlorinated biphenyls, dioxins, furans, and DDE in adults.

Surface desorption atmospheric pressure chemical ionization mass spectrometry for direct ambient sample analysis without toxic chemical contamination.

Thyroid ultrasound volume, structure and function after long-term high exposure of large population to polychlorinated biphenyls, pesticides and dioxin.

Hemodynamic consequences of chronic parasympathetic blockade with a peripheral muscarinic antagonist.

In vitro and in vivo characterization of [3H]CNS-5161--a use-dependent ligand for the N-methyl-D-aspartate receptor in rat brain.

Current role of liquid chromatography-mass spectrometry in clinical and forensic toxicology.

Short-term hormone release from adult female rat hypothalamic and pituitary explants is not altered by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Soil metabolism of a new herbicide, [14C]Pyribenzoxim, under flooded conditions.

Arecoline inhibits the 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cytochrome P450 1A1 activation in human hepatoma cells.

Hexavalent chromium reduction by *Acinetobacter haemolyticus* isolated from heavy-metal contaminated wastewater.

Cellular thiol pools are responsible for sequestration of cytotoxic reactive aldehydes: central role of free cysteine and cysteamine.

Cytotoxic effects and aromatase inhibition by xenobiotic endocrine disrupters alone and in combination. [Occupational and environmental exposure to anilide and dicarboximide pesticides].

Aryl-hydrocarbon receptor activation regulates constitutive androstane receptor levels in murine and human liver.

Gonadotropin-releasing hormone neurons express estrogen receptor-beta.

Genes, enzymes, and regulation of para-cresol metabolism in *Geobacter metallireducens*.

Effects of long-term alachlor exposure on hepatic antioxidant defense and detoxifying enzyme activities in crucian carp (*Carassius auratus*).

Anaerobic co-metabolic oxidation of 4-alkylphenols with medium-length or long alkyl chains by *Thauera* sp., strain R5.

FaGT2: a multifunctional enzyme from strawberry (*Fragaria x ananassa*) fruits involved in the metabolism of natural and xenobiotic compounds.

Identification of residues of sulfosulfuron and its metabolites in subsoil-dissipation kinetics and factors influencing the stability and degradation of residues from topsoil to subsoil under predominant cropping conditions.

Sodium arsenite affects Na⁺ transport in the isolated skin of the toad *Pleurodema thaul*.

Coordinate regulation of Phase I and II xenobiotic metabolisms by the Ah receptor and Nrf2.

Metabolic footprinting: a new approach to identify physiological changes in complex microbial communities upon exposure to toxic chemicals.

Toxicity of substituted anilines to *Pseudokirchneriella subcapitata* and quantitative structure-activity relationship analysis for polar narcotics.

Toxicological characterization of 2,4,6-trinitrotoluene, its transformation products, and two nitramine explosives.

Use of a trapping agent for simultaneous capturing and high-throughput screening of both "soft" and "hard" reactive metabolites.

Characterization of a C-C bond hydrolase from *Sphingomonas wittichii* RW1 with novel specificities towards polychlorinated biphenyl metabolites.

Molecular characterization of cytochrome P450 1A1, 1A2, and 1B1, and effects of polychlorinated dibenzo-p-dioxin, dibenzofuran, and biphenyl congeners on their hepatic expression in Baikal seal (*Pusa sibirica*).

Overexpression of thioredoxin1 in transgenic mice suppresses development of diabetic nephropathy.

Dissipation of sulfosulfuron in water - bioaccumulation of residues in fish - LC-MS/MS-ESI identification and quantification of metabolites.

Possible role of carbonic anhydrase in rat pancreatic islets: enzymatic, secretory, metabolic, ionic, and electrical aspects.

The anti-mutagenic and antioxidant effects of bile pigments in the Ames Salmonella test.

Chronic exposure to sub-lethal concentration of a glyphosate-based herbicide alters hormone profiles and affects reproduction of female Jundiã (*Rhamdia quelen*).

[Analysis of residual nature of dioxins in blood of Yusho patients and controls in relation to the Yusho oil and food as respective exposure routes].

[Estimation of urinary diacetylspermine in Yusho patients].

Is the natural PCDD/PCDF mixture toxic for human placental JEG-3 cell line? The action of the toxicants on hormonal profile, CYP1A1 activity, DNA damage and cell apoptosis.

Differential regulation of thyroid hormone receptor-mediated function by endocrine disruptors.

Relation of diclofop-methyl toxicity and degradation in algae cultures.

A two-component small multidrug resistance pump functions as a metabolic valve during nicotine catabolism by *Arthrobacter nicotinovorans*.

Development and evaluation of an electrochemical method for studying reactive phase-I metabolites: correlation to in vitro drug metabolism.

4-Methoxyestradiol-induced oxidative injuries in human lung epithelial cells.

Kinetics and functional assay of liver repopulation after human cord blood transplantation.

Cell death and impairment of glucose-stimulated insulin secretion induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the beta-cell line INS-1E.

Transplacental exposure to inorganic arsenic at a hepatocarcinogenic dose induces fetal gene expression changes in mice indicative of aberrant estrogen signaling and disrupted steroid metabolism.

Reproductive functions and hypothalamic catecholamines in response to the soil fumigant metam sodium: adaptations to extended exposures.

Role of O6-methylguanine-DNA methyltransferase in protecting from alkylating agent-induced toxicity and mutations in mice.

N-methyltetrahydro-beta-carboline analogs of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) neurotoxin are oxidized to neurotoxic beta-carbolinium cations by heme peroxidases.

[Relationship between 5,10-methylenetetrahydrofolate reductase genetic polymorphism and arsenic metabolism].

Non-heme induction of heme oxygenase-1 does not alter cellular iron metabolism.

Urinary arsenic metabolites in children and adults exposed to arsenic in drinking water in Inner Mongolia, China.

Quantitative structure-activity relationship modeling on in vitro endocrine effects and metabolic stability involving 26 selected brominated flame retardants.

Analysis of lipid peroxidation in human spermatozoa using BODIPY C11.

Alterations in proteoglycan synthesis selectively impair FSH-induced particulate cAMP-phosphodiesterase 4 (PDE4) activation in immature rat Sertoli cells.

Concentration and distribution of dioxins and related compounds in human tissues.

Human urine certified reference material CZ 6010: creatinine and toluene metabolites (hippuric acid and o-cresol) and a benzene metabolite (phenol).

Intestinal transport and metabolism of acrylamide.

Tissue residues, metabolism, and excretion of radiolabeled sodium chlorate (Na[³⁶Cl]O₃) in rats.

Cigarette smoking as a risk factor for atherosclerosis and renal disease: novel pathogenic insights.

Impairment of cellulose synthases required for Arabidopsis secondary cell wall formation enhances disease resistance.

In vitro effects of reactive oxygen metabolites, with and without flunixin meglumine, on equine colonic mucosa.

Fibronectin and laminin induce expression of islet cell markers in hepatic oval cells in culture.

New insights on toluene biodegradation by *Pseudomonas putida* F1: influence of pollutant concentration and excreted metabolites.

Mouse lung CYP1A1 catalyzes the metabolic activation of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP).

Can radiation-induced apoptosis be modulated by inhibitors of energy metabolism?

Plasma polymer coated surfaces for serum-free culture of limbal epithelium for ocular surface disease.

Relation between serum xenobiotic-induced receptor activities and sperm DNA damage and sperm apoptotic markers in European and Inuit populations.

Chironomids: suitable test organisms for risk assessment investigations on the potential endocrine disrupting properties of pesticides.

Zea mays: benzoxazolinone detoxification under sulfur deficiency conditions--a complex allelopathic alliance including endophytic *Fusarium verticillioides*.

Skin-derived fibroblasts from long-lived species are resistant to some, but not all, lethal stresses and to the mitochondrial inhibitor rotenone.

Involvement of the *cynABDS* operon and the CO₂-concentrating mechanism in the light-dependent transport and metabolism of cyanate by cyanobacteria.

Ovarian endocrine disruption underlies premature reproductive senescence following environmentally relevant chronic exposure to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Expression and activity of arsenic methyltransferase Cyt19 in rat tissues.

[Metabolic dependence of cooling-induced action potential generation in excitable cells of pumpkin stem].

Imazaquin degradation and metabolism in a sandy loam soil amended with farm litters.

Cryopreservation of human hepatocytes alters the mitochondrial respiratory chain complex 1.

Investigating the in vitro metabolism of fipexide: characterization of reactive metabolites using liquid chromatography/mass spectrometry.

The environmental fate of organic pollutants through the global microbial metabolism.

PLA2 mediated arachidonate free radicals: PLA2 inhibition and neutralization of free radicals by antioxidants--a new role as anti-inflammatory molecule.

The anti-apoptotic activity of albumin for endothelium is mediated by a partially cryptic protein domain and reduced by inhibitors of G-coupled protein and PI-3 kinase, but is independent of radical scavenging or bound lipid.

Increase in the toxic effects of Tl⁺ on isolated rat liver mitochondria in the presence of nonactin.

LC-MS-MS analysis of 2,4-dinitrophenol and its phase I and II metabolites in a case of fatal poisoning.

Use of model-based compartmental analysis to study vitamin A kinetics and metabolism.

Biomarkers for oxidative stress: clinical application in pediatric medicine.

Contained metabolic engineering in tomatoes by expression of carotenoid biosynthesis genes from the plastid genome.

Effect of in vitro administered 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on DNA-binding activities of nuclear transcription factors in NIH-3T3 mouse fibroblasts.

De novo synthesis vs. sequestration: negatively correlated metabolic traits and the evolution of host plant specialization in cyanogenic butterflies.

Influence on mitochondria and cytotoxicity of different antibiotics administered in high concentrations on primary human osteoblasts and cell lines.

Human CYP1A1GFP expression in transgenic mice serves as a biomarker for environmental toxicant exposure.

Aryl hydrocarbon receptor activation impairs extracellular matrix remodeling during zebra fish fin regeneration.

Effects of *Lactobacillus casei* Shirota, *Bifidobacterium breve*, and oligofructose-enriched inulin on colonic nitrogen-protein metabolism in healthy humans.

Dynamic analysis of ABA accumulation in relation to the rate of ABA catabolism in maize tissues under water deficit.

White adipose tissue: storage and effector site for environmental pollutants.

Accumulation of organic and inorganic contaminants in shellfish collected in estuarine waters near Pensacola, Florida: contamination profiles and risks to human consumers.

Acrolein induces vasodilatation of rodent mesenteric bed via an EDHF-dependent mechanism.

Toxicity of a trivalent organic arsenic compound, dimethylarsinous glutathione in a rat liver cell line (TRL 1215).

Intrastriatal infusion of the Parkinsonian neurotoxin, MPP(+), induces damage of striatal cell nuclei in Sprague-Dawley rats.

Aldehyde load in ischemia-reperfusion brain injury: neuroprotection by neutralization of reactive aldehydes with phenelzine.

A model of hemorrhagic cystitis induced with acrolein in mice.

Molecular epidemiologic evidence for diabetogenic effects of dioxin exposure in U.S. Air force veterans of the Vietnam war.

Health status of Army Chemical Corps Vietnam veterans who sprayed defoliant in Vietnam.

Comparative cytotoxicity of alachlor on RTG-2 trout and SH-SY5Y human cells.

Comparative genotoxicity of the herbicides Roundup, Stomp and Reglone in plant and mammalian test systems.

Toxicity assessment of metabolites of fungal biocontrol agents using two different (*Artemia salina* and *Daphnia magna*) invertebrate bioassays.

Evaluation of the effect of acetochlor on thyroid hormone receptor gene expression in the brain and behavior of *Rana catesbeiana* tadpoles.

Atrazine stimulates hemoglobin accumulation in *Daphnia magna*: is it hormonal or hypoxic?

Effect of two insecticides and two herbicides on the porcine sperm motility patterns using computer-assisted semen analysis (CASA) in vitro.

Lack of effects of atrazine on estrogen-responsive organs and circulating hormone concentrations in sexually immature female Japanese quail (*Coturnix coturnix japonica*).

Effect of glyphosate herbicide on acetylcholinesterase activity and metabolic and hematological parameters in piava (*Leporinus obtusidens*).

Introduction of cAMP and establishment of neutral lipids alterations as pollution biomarkers using the mussel *Mytilus galloprovincialis*. Correlation with a battery of biomarkers.

[Inhibition of carbohydrate metabolism enzymes by pentachlorophenol in cells of pectinolytic bacteria from gastrointestinal tract of animals and effect of clinoptilolite adsorbents on this process].

Proteomic analysis of root meristems and the effects of acetohydroxyacid synthase-inhibiting herbicides in the root of *Medicago truncatula*.

Evidence for a novel endocrine disruptor: the pesticide propanil requires the ovaries and steroid synthesis to enhance humoral immunity.

Evaluation of DNA damage induced by atrazine and atrazine-based herbicide in human lymphocytes in vitro using a comet and DNA diffusion assay.

2,4-Dichlorophenoxyacetic acid (2,4-D) biodegradation in river sediments of Northeast-Scotland and its effect on the microbial communities (PLFA and DGGE).

Effects of clomazone herbicide on hematological and some parameters of protein and carbohydrate metabolism of silver catfish *Rhamdia quelen*.

Effects of antioxidant vitamins on molecular regulators involved in lung hypoplasia induced by nitrofen.

Histological changes and micronucleus induction in the zebra mussel *Dreissena polymorpha* after paraquat exposure.

NTP Technical Report on the comparative toxicity studies of allyl acetate (CAS No. 591-87-7), allyl alcohol (CAS No. 107-18-6) and acrolein (CAS No. 107-02-8) administered by gavage to F344/N rats and B6C3F1 mice.

Old yellow enzymes protect against acrolein toxicity in the yeast *Saccharomyces cerevisiae*.

Teratological study of the herbicide 4-chloro-2-methylphenoxyacetic acid in rabbits.

In ovo exposure to a triazine herbicide: effects of atrazine on circulating reproductive hormones and gonadal histology in young Japanese quail.

Indomethacin induces small intestinal damage and inhibits amitrole-associated thyroid carcinogenesis in rats initiated with N-bis(2-hydroxypropyl)nitrosamine.

[Effects of 2,4-D butylate herbicides on thyroid gland and testis of mice].

Dimethylarsinic acid: results of chronic toxicity/oncogenicity studies in F344 rats and in B6C3F1 mice.

Pseudomonas putida KT2440 responds specifically to chlorophenoxy herbicides and their initial metabolites.

Gene expression patterns in rainbow trout, *Oncorhynchus mykiss*, exposed to a suite of model toxicants.

Paternal occupational exposure to pesticides or herbicides as risk factors for cancer in children and young adults: a case-control study from the North of England.

Plasma steroid hormone concentrations, aromatase activities and GSI in ranid frogs collected from agricultural and non-agricultural sites in Michigan (USA).

Assessment of the risk posed by the antifouling booster biocides Irgarol 1051 and diuron to freshwater macrophytes.

Body residues as dose for sublethal responses in alevins of landlocked salmon (*Salmo salar* m. sebago): a direct calorimetry study.

Ghrelin expression in human and rat fetal lungs and the effect of ghrelin administration in nitrofen-induced congenital diaphragmatic hernia.

Analysis of reproductive toxicity and classification of glufosinate-ammonium.

Characterizing the ovotoxicity of cyclophosphamide metabolites on cultured mouse ovaries.

Metabolism of arsenic in *Drosophila melanogaster* and the genotoxicity of dimethylarsinic acid in the *Drosophila* wing spot test.

TRPA1 mediates the inflammatory actions of environmental irritants and proalgesic agents.

Strategies to assess systemic exposure of chemicals in subchronic/chronic diet and drinking water studies.

Toxic actions of dinoseb in medaka (*Oryzias latipes*) embryos as determined by in vivo ³¹P NMR, HPLC-UV and ¹H NMR metabolomics.

Distinct gene expression profiles in immortalized human urothelial cells exposed to inorganic arsenite and its methylated trivalent metabolites.

Toxicity assessment of 40 herbicides to the green alga *Raphidocelis subcapitata*.

Hydralazine inhibits rapid acrolein-induced protein oligomerization: role of aldehyde scavenging and adduct trapping in cross-link blocking and cytoprotection.

Evaluation of different biological test systems to assess the toxicity of metabolites from fungal biocontrol agents.

Methylated arsenicals: the implications of metabolism and carcinogenicity studies in rodents to human risk assessment.

A presumption of illness.

Effects of environmentally relevant concentrations of atrazine on gonadal development of snapping turtles (*Chelydra serpentina*).

Monomethylarsonic acid and dimethylarsinic acid: developmental toxicity studies with risk assessment.

Cytotoxic effects and apoptosis induction of atrazine in a grass carp (*Ctenopharyngodon idellus*) cell line.

Mortality from ischemic heart disease and diabetes mellitus (type 2) in four U.S. wheat-producing states: a hypothesis-generating study.

Orphan nuclear receptor pregnane X receptor sensitizes oxidative stress responses in transgenic mice and cancerous cells.

Effects of insect growth regulators on the nontarget soil arthropod *Folsomia candida* (Collembola).

A comparative study of the sub-chronic toxic effects of three organic arsenical compounds on the urothelium in F344 rats; gender-based differences in response.

Antioxidant activity of L-ascorbic acid in wild-type and superoxide dismutase deficient strains of *Saccharomyces cerevisiae*.

[Fatal poisoning caused by the ingestion of a concentrated solution of 2,4-D and MCPP].

Effects of atrazine on sexual maturation in female Japanese quail induced by photostimulation or exogenous gonadotropin.

Decrease in NADPH-cytochrome P450 reductase activity of the human heart, Liver and lungs in the presence of alpha-lipoic acid.

Cytogenetic effect of technical glyphosate on cultivated bovine peripheral lymphocytes.

Organ-specific expression of glutathione S-transferases and the efficacy of herbicide safeners in *Arabidopsis*.

The endocrine disruptor atrazine accounts for a dimorphic somatostatinergic neuronal expression pattern in mice.

Growth rate effects, responses of antioxidant enzymes and metabolic fate of the herbicide Propanil in the aquatic plant *Lemna minor*.

Transient effect of the herbicide flazasulfuron on carbohydrate physiology in *Vitis vinifera* L.

Polyamines in renal failure.

Degeneration of dopaminergic mesocortical neurons and activation of compensatory processes induced by a long-term paraquat administration in rats: implications for Parkinson's disease.

Nonpersistent pesticide exposure self-report versus biomonitoring in farm pesticide applicators.

Cinnamaldehyde reduces IL-1beta-induced cyclooxygenase-2 activity in rat cerebral microvascular endothelial cells.

Simultaneous sensitivity to fragrances.

Studies on the goitrogenic mechanism of action of N,N,N',N'-tetramethylthiourea.

An oral adsorbent, AST-120, suppresses oxidative stress in uremic rats.

Effects of alpha tocopherol and probucol supplements on allergen-induced airway inflammation and hyperresponsiveness in a mouse model of allergic asthma.

Drought effects on carbon and nitrogen metabolism of pea nodules can be mimicked by paraquat: evidence for the occurrence of two regulation pathways under oxidative stresses.

GC-MS based metabolite profiling implies three interdependent ways of ammonium assimilation in *Medicago truncatula* root nodules.

Cinnamaldehyde induces endothelium-dependent and -independent vasorelaxant action on isolated rat aorta.

Acute administration of 3-nitropropionic acid, a reactive oxygen species generator, boosts ethanol-induced locomotor stimulation. New support for the role of brain catalase in the behavioural effects of ethanol.

Transformation of the herbicide 2,6-dichlorobenzonitrile to the persistent metabolite 2,6-dichlorobenzamide (BAM) by soil bacteria known to harbour nitrile hydratase or nitrilase.

2-methoxycinnamaldehyde reduces IL-1beta-induced prostaglandin production in rat cerebral endothelial cells.

Ethanol-induced apoptosis in polarized hepatic cells possibly through regulation of the Fas pathway.

Hormone-regulated inflorescence induction and TFL1 expression in *Arabidopsis* callus in vitro.

Leaching potential of some phenylureas and their main metabolites through laboratory studies.

Clarification of pathway-specific inhibition by Fourier transform ion cyclotron resonance/mass spectrometry-based metabolic phenotyping studies.

Herbicide-affected plant metabolism reduces virus propagation.

Effects of cyanobacterial toxins and cyanobacterial cell-free crude extract on germination of alfalfa (*Medicago sativa*) and induction of oxidative stress.

A connection between iron-sulfur cluster metabolism and the biosynthesis of 4-amino-5-hydroxymethyl-2-methylpyrimidine pyrophosphate in *Salmonella enterica*.

Selective disruption of wheat secondary metabolism by herbicide safeners.

Comparison of a non-aqueous capillary electrophoresis method with high performance liquid chromatography for the determination of herbicides and metabolites in water samples.

Paraquat-induced lipid peroxidation: effects of ovariectomy and estrogen receptor antagonist.

Contractile mechanisms coupled to TRPA1 receptor activation in rat urinary bladder.

Separation of plant hormones from biofertilizer by capillary electrophoresis using a capillary coated dynamically with polycationic polymers.

Metabolism of [¹⁴C]-2,4-dichlorophenol in edible plants.

Mineralisation of atrazine, metolachlor and their respective metabolites in vegetated filter strip and cultivated soil.

Identification of a metabolite of atrazine, N-ethyl-6-methoxy-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine, upon incubation with rat liver microsomes.

Enhanced co-metabolism of TCDD in the presence of high concentrations of phenoxy herbicides.

Determination of atrazine and its metabolites in mouse urine and plasma by LC-MS analysis.

New insights on glyphosate mode of action in nodular metabolism: Role of shikimate accumulation.

Formation of acrolein adducts with 2'-deoxyadenosine in calf thymus DNA.

Somatic embryogenesis in wild relatives of cotton (*Gossypium* Spp.).

Uptake, translocation and metabolism of the herbicide florasulam in wheat and broadleaf weeds.

Metabolic profile in workers occupationally exposed to arsenic: role of GST polymorphisms.

Conversion of *Sphingobium chlorophenolicum* ATCC 39723 to a hexachlorobenzene degrader by metabolic engineering.

Direct aqueous injection liquid chromatography/electrospray ionization-mass spectrometry/mass spectrometry analysis of water for atrazine, simazine, and their chlorotriazine metabolites.

Enigma, a mitochondrial protein affecting lifespan and oxidative stress response in *Drosophila*.

Quantification of six herbicide metabolites in human urine.

Induction and expression of GST-Pi foci in the liver of Cyclophosphamide-administered rats.

Microbial degradation of organophosphorus xenobiotics: metabolic pathways and molecular basis.

Biotransformation of the triketone herbicide mesotrione by a *Bacillus* strain. Metabolite profiling using liquid chromatography/electrospray ionization quadrupole time-of-flight mass spectrometry.

Novel electrochemical approach to enhanced toxicity of 4-oxo-2-nonenal vs. 4-hydroxy-2-nonenal (role of imine): oxidative stress and therapeutic modalities.

Distribution of urinary selenium and arsenic among pregnant women exposed to arsenic in drinking water.

Chloroacetaldehyde- and acrolein-induced death of human proximal tubule cells.

Plasma organochlorine concentrations and bone ultrasound measurements: a cross-sectional study in peri- and postmenopausal Inuit women from Greenland.

Developmental toxicity of 4-ring polycyclic aromatic hydrocarbons in zebrafish is differentially dependent on AH receptor isoforms and hepatic cytochrome P4501A metabolism.

Anthropometric and metabolic factors and risk of benign prostatic hyperplasia: a prospective cohort study of Air Force veterans.

Pharmacologic and functional characterization of malignant hyperthermia in the R163C RyR1 knock-in mouse.

Cellular uptake of magnetic nanoparticle is mediated through energy-dependent endocytosis in A549 cells.

Spatial and temporal expression of glucocorticoid, retinoid, and thyroid hormone receptors is not altered in lungs of congenital diaphragmatic hernia.

Acute activation of glucose uptake by glucose deprivation in L929 fibroblast cells.

Comparative toxicogenomic analysis of the hepatotoxic effects of TCDD in Sprague Dawley rats and C57BL/6 mice.

Lipid oxidative damage and distribution of inorganic arsenic and its metabolites in the rat nervous system after arsenite exposure: influence of alpha tocopherol supplementation.

Novel selective orally active CRTH2 antagonists for allergic inflammation developed from in silico derived hits.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (Cas No. 31508-00-6) in female Harlan Sprague-Dawley rats (gavage studies).

[Current progress in animal models of arsenic carcinogenesis].

Thiazopyr and thyroid disruption: case study within the context of the 2006 IPCS Human Relevance Framework for analysis of a cancer mode of action.

Folate and arsenic metabolism: a double-blind, placebo-controlled folic acid-supplementation trial in Bangladesh.

Endocrine disruptors--potential modulators of the immune system and allergic response.

Correlated resistance to glucose deprivation and cytotoxic agents in fibroblast cell lines from long-lived pituitary dwarf mice.

Environmental arsenic exposure and sputum metalloproteinase concentrations.

Coexistence of megaloblastic anemia and iron deficiency anemia in a young woman with chronic lymphocytic thyroiditis.

Carcinogenicity of "non-dioxinlike" polychlorinated biphenyls.

Today's epidemics in children: possible relations to environmental pollution and suggested preventive measures.

Carcinogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in experimental models.

Aqueous extract of *Trigonella foenum-graecum* L. ameliorates additive urotoxicity of buthionine sulfoximine and cyclophosphamide in mice.

Bifunctional modulating effects of an indigo dimer (bisindigotin) to CYP1A1 induction in H4IIE cells.

Pathological circumstances impair the ability of "dark" neurons to undergo spontaneous recovery.

Clozapine bioactivation induces dose-dependent, drug-specific toxicity of human bone marrow stromal cells: a potential in vitro system for the study of agranulocytosis.

Novel functional association of serine palmitoyltransferase subunit 1-A peptide in sphingolipid metabolism with cytochrome P4501A1 transactivation and proliferative capacity of the human Glioma LN18 brain tumor cell line.

Ground-glass, polyglucosan-like hepatocellular inclusions: A "new" diagnostic entity.

Connexin 43 gene expression in mice with cardiopulmonary developmental defects.

Molecular mechanism of inhibitory aryl hydrocarbon receptor-estrogen receptor/Sp1 cross talk in breast cancer cells.

Ah receptor: dioxin-mediated toxic responses as hints to deregulated physiologic functions.

Decreased nitric oxide production in the rat brain after chronic arsenic exposure.

On-capillary derivatization and analysis of amino acids in human plasma by capillary electrophoresis with laser-induced fluorescence detection: application to diagnosis of aminoacidopathies.

Stress resistance and aging: influence of genes and nutrition.

Mechanisms of 2-butoxyethanol-induced hemangiosarcomas.

The constitutively active Ah receptor (CA-Ahr) mouse as a potential model for dioxin exposure--effects in vital organs.

For dioxin-induced birth defects, mouse or human CYP1A2 in maternal liver protects whereas mouse CYP1A1 and CYP1B1 are inconsequential.

Multitrait evolution in lines of *Drosophila melanogaster* selected for increased starvation resistance: the role of metabolic rate and implications for the evolution of longevity.

Effect of biochanin A on the aryl hydrocarbon receptor and cytochrome P450 1A1 in MCF-7 human breast carcinoma cells.

A strong dose-response relation between serum concentrations of persistent organic pollutants and diabetes: results from the National Health and Examination Survey 1999-2002.

Maternal hair--an appropriate matrix for detecting maternal exposure to pesticides during pregnancy.

Arsenic speciation transported through the placenta from mother mice to their newborn pups.

In vitro stability of insulin lispro in continuous subcutaneous insulin infusion.

The aryl hydrocarbon receptor pathway and sexual differentiation of neuroendocrine functions.

A potential endogenous ligand for the aryl hydrocarbon receptor has potent agonist activity in vitro and in vivo.

Metabolic effects of dinoseb, diazinon and esfenvalerate in eyed eggs and alevins of Chinook salmon (*Oncorhynchus tshawytscha*) determined by ¹H NMR metabolomics.

NTP technical report on the toxicology and carcinogenesis studies of 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (Gavage studies).

[Effects of MRP2-GSH cotransport system on hepatic arsenic metabolism in rats].

Clinical pharmacokinetic study of arsenic trioxide in an acute promyelocytic leukemia (APL) patient: speciation of arsenic metabolites in serum and urine.

The binding of 2,4-dinitrophenol to wild-type and amyloidogenic transthyretin.

Evaluation of subchronic inhalation toxicity of dimethyl disulfide in rats.

Oxidation of myosin heavy chain and reduction in force production in hyperthyroid rat soleus.

Microtubules are more stable and more highly acetylated in ethanol-treated hepatic cells.

Motor stimulant effects of ethanol injected into the substantia nigra pars reticulata: importance of catalase-mediated metabolism and the role of acetaldehyde.

Role of CYP3A4 in the regulation of the aryl hydrocarbon receptor by omeprazole sulphide.

Enhanced expression of plasma glutathione peroxidase in the thymus of mice treated with TCDD and its implication for TCDD-induced thymic atrophy.

In vivo-in vitro toxicogenomic comparison of TCDD-elicited gene expression in Hepa1c1c7 mouse hepatoma cells and C57BL/6 hepatic tissue.

Loss of glial lazarrillo, a homolog of apolipoprotein D, reduces lifespan and stress resistance in *Drosophila*.

Adverse health effects in humans exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

[Thyroid C cells are decreased in experimental CDH].

NTP technical report on the toxicology and carcinogenesis studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (CAS No. 1746-01-6) in female Harlan Sprague-Dawley rats (Gavage Studies).

Two deaths attributed to the use of 2,4-dinitrophenol.

Novel neuroprotective, neuritogenic and anti-amyloidogenic properties of 2,4-dinitrophenol: the gentle face of Janus.

Clinical and experimental applications of NIR-LED photobiomodulation.

The effects of biocides (antiseptics and disinfectants) on the endospores of *Rhinosporidium seeberi*.

Patterns of hospital transfer for self-poisoned patients in rural Sri Lanka: implications for estimating the incidence of self-poisoning in the developing world.

Involvement of cytoskeleton in AhR-dependent CYP1A1 expression.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induced cytochrome P450s alter the formation of reactive oxygen species in liver cells.

Boron ameliorates fulminant hepatic failure by counteracting the changes associated with the oxidative stress.

Silybin and dehydrosilybin inhibit cytochrome P450 1A1 catalytic activity: a study in human keratinocytes and human hepatoma cells.

Endocrine disrupters and female reproductive health.

Global gene expression associated with hepatocarcinogenesis in adult male mice induced by in utero arsenic exposure.

System level metabolic effects of a *Schistosoma japonicum* infection in the Syrian hamster.

Time-course changes of mixture effects on AhR binding-dependent luciferase activity in a crude extract from a compost sample.

Assessment of genotoxicity of 14 chemical agents used in dental practice: ability to induce chromosome aberrations in Syrian hamster embryo cells.

Biosynthesis of 14C-phytoene from tomato cell suspension cultures (*Lycopersicon esculentum*) for utilization in prostate cancer cell culture studies.

An antioxidative and antiinflammatory agent for potential treatment of osteoarthritis from *Ecklonia cava*.

Semen quality in fertile US men in relation to geographical area and pesticide exposure.

Fetal pituitary gonadotropin as an initial target of dioxin in its impairment of cholesterol transportation and steroidogenesis in rats.

Diabetogenic effects and pancreatic oxidative damage in rats subchronically exposed to arsenite.

Chloroacetaldehyde as a sulfhydryl reagent: the role of critical thiol groups in ifosfamide nephropathy.

Divergent risk of multiple sclerosis in two anabaptist communities in America.

Polychlorinated biphenyls (PCBs): routes of exposure and effects on human health.

[The multifaceted effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in organisms, especially dentition changes].

NTP toxicology and carcinogenesis studies of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (CAS No. 57465-28-8) in female Harlan Sprague-Dawley rats (Gavage Studies).

[Exposure to endocrine disrupting chemicals and children's health: problems in epidemiological studies].

Arsenic exposure in Hungary, Romania and Slovakia.

Effects of caffeine, halothane, and 4-chloro-m-cresol on skeletal muscle lactate and pyruvate in malignant hyperthermia-susceptible and normal swine as assessed by microdialysis.

Glycerol uptake in HCT-15 human colon cancer cell line by Na(+)-dependent carrier-mediated transport.

A cluster of hypoplastic left heart malformation in Baltimore, Maryland.

Induction of cytochrome P450-1A by the equine estrogen equilenin, a new endogenous aryl hydrocarbon receptor ligand.

Increased manganese uptake by primary astrocyte cultures with altered iron status is mediated primarily by divalent metal transporter.

The effect of aryl hydrocarbon receptor ligands on the expression of AhR, AhRR, ARNT, Hif1alpha, CYP1A1 and NQO1 genes in rat liver.

Effect of EGF on [3H]-thymidine incorporation and cell cycle regulatory proteins in primary cultured chicken hepatocytes: Involvement of Ca²⁺/PKC and MAPKs.

Association between the levels of biogenic amines and superoxide anion production in brain regions of rats after subchronic exposure to TCDD.

Detection of Exposure to Environmental Pesticides During Pregnancy by the Analysis of Maternal Hair Using GC-MS.

Differential expression of genes involved in iron metabolism in *Aspergillus fumigatus*.

The influence of inulin on the absorption of nitrogen and the production of metabolites of protein fermentation in the colon.

De novo expression of MECA-79 glycoprotein-determinant on developing B lymphocytes in gut-associated lymphoid tissues.

Dihydroxy-, hydroxyspirolactone-, and dihydroxyspirolactone-urochlorins induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the liver of mice.

KIADH3, a gene encoding a mitochondrial alcohol dehydrogenase, affects respiratory metabolism and cytochrome content in *Kluyveromyces lactis*.

Differentiation-specific factors modulate epidermal CYP1-4 gene expression in human skin in response to retinoic acid and classic aryl hydrocarbon receptor ligands.

Determination of malachite green and leucomalachite green in edible goldfish muscle by liquid chromatography-ion trap mass spectrometry.

Rapid determination of histamine and its metabolites in mice hair by ultra-performance liquid chromatography with time-of-flight mass spectrometry.

Serum dioxin-like activity is associated with reproductive parameters in young men from the general Flemish population.

K⁺ transport and energetics in Kir6.2(-/-) mouse hearts assessed by ⁸⁷Rb and ³¹P magnetic resonance and optical spectroscopy.

Metabolism of dopamine by the nasal mucosa.

Associations of organochlorines with endogenous hormones in male Great Lakes fish consumers and nonconsumers.

Analysis of pesticides and metabolites in Spanish surface waters by isotope dilution gas chromatography/mass spectrometry with previous automated solid-phase extraction Estimation of the uncertainty of the analytical results.

Cytotoxic effects of S-(dimethylarsino)-glutathione: a putative intermediate metabolite of inorganic arsenicals.

Duox2 exhibits potent heme peroxidase activity in human respiratory tract epithelium.

Identification and characterization of genes susceptible to transcriptional cross-talk between the hypoxia and dioxin signaling cascades.

Mitogen-activated protein kinases inhibit the ROMK (Kir 1.1)-like small conductance K channels in the cortical collecting duct.

Sublethal effects of three pesticides on activities of selected target and detoxification enzymes in the aquatic midge, *Chironomus tentans* (diptera: chironomidae).

Developmental and hormonal regulation of direct shoot organogenesis and somatic embryogenesis in sugarcane (*Saccharum* spp. interspecific hybrids) leaf culture.

EGF-induced inhibition of glucose transport is mediated by PKC and MAPK signal pathways in primary cultured chicken hepatocytes.

Validation of a prediction model for estimating serum concentrations of chemicals which are equivalent to toxic concentrations in vitro.

Effects of 2,3,7,8-tetrachloro-dibenzo-p-dioxin on the extracellular matrix of the thymus in juvenile marmosets (*Callithrix jacchus*).

Exposure to PCB 77 induces tissue-dependent changes in iodothyronine deiodinase activity patterns in the embryonic chicken.

Toxicology and carcinogenesis studies of a mixture of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (Cas No. 1746-01-6), 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4), and 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) in female Harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4) in female Harlan Sprague-Dawley rats (gavage studies).

Effect of sodium azide on the metabolic activity of cultured fetal cells.

Gene expression alterations in immune system pathways following exposure to immunosuppressive chemicals.

Enzymatic mechanisms of ethanol oxidation in the brain.

C-Reactive protein upregulates receptor for advanced glycation end products expression in human endothelial cells.

Negative regulation of superoxide dismutase-1 promoter by thyroid hormone.

Effects of xenobiotics and steroids on renal and hepatic estrogen metabolism in lake trout.

Incorporating variations in pesticide catabolic activity into a GIS-based groundwater risk assessment.

Anti-androgenic activity of 3-methyl-4-nitrophenol in diesel exhaust particles.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (gavage studies).

Aryl hydrocarbon receptor activation produces heart-specific transcriptional and toxic responses in developing zebrafish.

Effects of hypoxia and limited diffusion in tumor cell microenvironment on bystander effect of P450 prodrug therapy.

Arsenicals in maternal and fetal mouse tissues after gestational exposure to arsenite.

Influence of antimonite, selenite, and mercury on the toxicity of arsenite in primary rat hepatocytes.

Gene expression profile by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the liver of wild-type (AhR+/+) and aryl hydrocarbon receptor-deficient (AhR-/-) mice.

PACAP receptor (PAC1-R) expression in rat and rhesus monkey thymus.

Nonezymatic formation of succinate in mitochondria under oxidative stress.

Sorption-desorption of flucarbazonone and propoxycarbazonone and their benzenesulfonamide and triazolinone metabolites in two soils.

Higher extracellular pH suppresses tracheary element differentiation by affecting auxin uptake.

Sodium arsenite impairs insulin secretion and transcription in pancreatic beta-cells.

Hypoxic vasoconstriction of partial muscular intra-acinar pulmonary arteries in murine precision cut lung slices.

Kinetics of arsenic methylation by freshly isolated B6C3F1 mouse hepatocytes.

Brief report: embryonic growth and hatching implications of developmental 670-nm phototherapy and dioxin co-exposure.

Targeting dinitrophenol to mitochondria: limitations to the development of a self-limiting mitochondrial protonophore.

Impairment of testicular function in adult male Japanese quail (*Coturnix japonica*) after a single administration of 3-methyl-4-nitrophenol in diesel exhaust particles.

Regulation of human male germ cell death by modulators of ATP production.

A novel integrin alpha5beta1 binding domain in module 4 of connective tissue growth factor (CCN2/CTGF) promotes adhesion and migration of activated pancreatic stellate cells.

Tissue specific induction of cytochrome P450 (CYP) 1A1 and 1B1 in rat liver and lung following in vitro (tissue slice) and in vivo exposure to benzo(a)pyrene.

The potential steroid hormone contribution of farm animals to freshwaters, the United Kingdom as a case study.

Chemical modification at subunit 1 of rat kidney Alpha class glutathione transferase with 2,3,5,6-tetrachloro-1,4-benzoquinone: close structural connectivity between glutathione conjugation activity and non-substrate ligand binding.

15-Deoxy-Delta(12,14)-prostaglandin J(2) suppresses IL-6-induced STAT3 phosphorylation via electrophilic reactivity in endothelial cells.

Enhancing effects of simultaneous treatment with sodium nitrite on 2-amino-3-methylimidazo[4,5-f]quinoline-induced rat liver, colon and Zymbal's gland carcinogenesis after initiation with diethylnitrosamine and 1,2-dimethylhydrazine.

Toluene toxicokinetics and metabolism parameters in the rat and guinea pig.

Chronic exposure to dioxin-like compounds and thyroid function among New York anglers.

Body burdens of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls and their relations to estrogen metabolism in pregnant women.

A toxicokinetic model for the carry-over of dioxins and PCBs from feed and soil to eggs.

The effect of ethanol, ethanol metabolizing enzyme inhibitors, and Vitamin E on regulating glutathione, glutathione S-transferase, and S-adenosylmethionine in mouse primary hepatocyte.

Toxicokinetic study of dioxins and furans in laying chickens.

Bioaccumulation of copper by *Trichoderma viride*.

Dioxin effects on neonatal and infant thyroid function: routes of perinatal exposure, mechanisms of action and evidence from epidemiology studies.

Interference by 2,3,7,8-tetrachlorodibenzo-p-dioxin with cultured mouse submandibular gland branching morphogenesis involves reduced epidermal growth factor receptor signaling.

Protein carbonylation and heat shock response in *Ruditapes decussatus* following p,p'-dichlorodiphenyldichloroethylene (DDE) exposure: a proteomic approach reveals that DDE causes oxidative stress.

Detection of hormone receptor ligands in yeast by fluorogenic methods.

Cytochrome P450 expression and metabolic activation of cooked food mutagen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in MCF10A breast epithelial cells.

Pesticide mixtures, endocrine disruption, and amphibian declines: are we underestimating the impact?

The opening effect of pregabalin on ATP-sensitive potassium channels in differentiated hippocampal neuron-derived H19-7 cells.

Chitosan nanoparticles as a potential drug delivery system for the ocular surface: toxicity, uptake mechanism and in vivo tolerance.

Effect of a single in ovo injection of 2,3,7,8-tetrachlorodibenzo-p-dioxin on protein expression in liver and ovary of the one-day-old chick analyzed by fluorescent two-dimensional difference gel electrophoresis and mass spectrometry.

Study on the mutagenicity and antimutagenicity of beta-ionone in the Salmonella/microsome assay.

Multiresidue liquid chromatography tandem mass spectrometry determination of 52 non gas chromatography-amenable pesticides and metabolites in different food commodities.

The aryl hydrocarbon receptor activates the retinoic acid receptor α through SMRT antagonism.

Biosynthetic requirements for the repair of sublethal membrane damage in *Escherichia coli* cells after pulsed electric fields.

Sunlight generates multiple tryptophan photoproducts eliciting high efficacy CYP1A induction in chick hepatocytes and in vivo.

Effect of organophosphate pesticide diazinon on expression and activity of intestinal P-glycoprotein.

Human sulphotransferases are involved in the activation of aristolochic acids and are expressed in renal target tissue.

Enantiomeric separation of metolachlor and its metabolites using LC-MS and CZE.

Effects of chronic exposure to sodium arsenite on hypothalamo-pituitary-testicular activities in adult rats: possible an estrogenic mode of action.

Sensitising potential of four textile dyes and some of their metabolites in a modified local lymph node assay.

Toxoplasma gondii acyl-lipid metabolism: de novo synthesis from apicoplast-generated fatty acids versus scavenging of host cell precursors.

The ROS production induced by a reverse-electron flux at respiratory-chain complex 1 is hampered by metformin.

In vitro cytotoxicity of TCDD on SPC-A1 cells.

Gene expression profiling in common cormorant liver with an oligo array: assessing the potential toxic effects of environmental contaminants.

Survivorship and mortality implications of developmental 670-nm phototherapy: dioxin co-exposure.

Urinary oxidative stress markers in young patients with type 1 diabetes.

Chemical manipulation of glucose metabolism in porcine oocytes: effects on nuclear and cytoplasmic maturation in vitro.

Phospholipase A2, reactive oxygen species, and lipid peroxidation in cerebral ischemia.

2-Deoxyglucose and NMDA inhibit protein synthesis in neurons and regulate phosphorylation of elongation factor-2 by distinct mechanisms.

Constitutive activation of the aryl hydrocarbon receptor in T-lineage cells induces thymus involution independently of the Fas/Fas ligand signaling pathway.

Recent female mouse models displaying advanced reproductive aging.

AhR-agonist-induced transcriptional changes of genes involved in thyroid function in primary porcine thyrocytes.

Regulation of bone sialoprotein (BSP) gene transcription by lipopolysaccharide.

LTBP-1 blockade in dioxin receptor-null mouse embryo fibroblasts decreases TGF-beta activity: Role of extracellular proteases plasmin and elastase.

Synthesis, structure and assessment of the cytotoxic properties of 2,5-dimethylazaferrocenyl phosphonates.

Effects of endocrine disrupters on the expression of growth hormone and prolactin mRNA in the rainbow trout pituitary.

Cholecystokinin stimulates the recruitment of the Src-RhoA-phosphoinositide 3-kinase pathway by Vav-2 downstream of G(alpha13) in pancreatic acini.

Functional expression of the maize mitochondrial URF13 down-regulates galactose-induced GAL1 gene expression in Saccharomyces cerevisiae.

Effect of dissolved organic matter on the toxicity of chlorotoluron to Triticum aestivum.

Environmental toxicants and effects on female reproductive function.

Peroxynitrite can affect platelet responses by inhibiting energy production.

Some chemical contaminant of surface sediments at the Baltic Sea coastal region with special emphasis on androgenic and anti-androgenic compounds.

Dopamine-beta-hydroxylase immunohistochemical study in the locus coeruleus of neonate rats exposed to 2,4-dichlorophenoxyacetic acid through mother's milk.

Metabolic regulation of in vitro-produced bovine embryos. II. Effects of phenazine ethosulfate, sodium azide and 2,4-dinitrophenol during post-compaction development on glucose metabolism and lipid accumulation.

Metabolic regulation of in-vitro-produced bovine embryos. I. Effects of metabolic regulators at different glucose concentrations with embryos produced by semen from different bulls.

CYP1A in TCDD toxicity and in physiology-with particular reference to CYP dependent arachidonic acid metabolism and other endogenous substrates.

[11C]SMe-ADAM, an imaging agent for the brain serotonin transporter: synthesis, pharmacological characterization and microPET studies in rats.

Effect of isomalt consumption on faecal microflora and colonic metabolism in healthy volunteers.

Competing roles of aldo-keto reductase 1A1 and cytochrome P4501B1 in benzo[a]pyrene-7,8-diol activation in human bronchoalveolar H358 cells: role of AKRs in P4501B1 induction.

Involvement of soluble sugars in reactive oxygen species balance and responses to oxidative stress in plants.

Dinitrophenol-induced mitochondrial uncoupling in vivo triggers respiratory adaptation in HepG2 cells.

Enterocyte cytoskeleton changes are crucial for enhanced translocation of nonpathogenic Escherichia coli across metabolically stressed gut epithelia.

Amine oxidases in apoptosis and cancer.

CYP2A5-mediated activation and early ultrastructural changes in the olfactory mucosa: studies on 2,6-dichlorophenyl methylsulfone.

Tyrosine kinase and mitogen-activated protein kinase/extracellularly regulated kinase differentially regulate intracellular calcium concentration responses to angiotensin II/III and bradykinin in rat cortical thick ascending limb.

Induction of beta3-adrenergic receptor functional expression following chronic stimulation with noradrenaline in neonatal rat cardiomyocytes.

Effects of acute and chronic exposure to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin on the transition to reproductive senescence in female Sprague-Dawley rats.

New evidences for old biomarkers: effects of several xenobiotics on EROD and AChE activities in Zebra mussel (*Dreissena polymorpha*).

Transport of N-acetyl-D-galactosamine in *Escherichia coli* K92: effect on acetyl-amino sugar metabolism and polysialic acid production.

Specific induction of oxidative stress in terminal bronchiolar Clara cells during dimethylarsenic-induced lung tumor promoting process in mice.

Mutagenicity study of butachlor and its metabolites using *Salmonella typhimurium*.

Detection of thyroid system-disrupting chemicals using in vitro and in vivo screening assays in *Xenopus laevis*.

Gene expression profiling of responses to dimethylarsinic acid in female F344 rat urothelium.

Regulation of oxidative stress by the anti-aging hormone klotho.

Differential metamorphosis alters the endocrine response in anuran larvae exposed to T3 and atrazine.

Oxidation and methylation status determine the effects of arsenic on the mitotic apparatus.

Triazine herbicides and epithelial ovarian cancer risk in central California.

A rapid, physiologic protocol for testing transcriptional effects of thyroid-disrupting agents in premetamorphic *Xenopus* tadpoles.

Applicator exposure to acetochlor based on biomonitoring.

Paraquat neurotoxicity is distinct from that of MPTP and rotenone.

Effects of 2,4-D and DCP on the DHT-induced androgenic action in human prostate cancer cells.

Ability of the Hershberger assay protocol to detect thyroid function modulators.

Toxicokinetics of ¹⁴C-atrazine and its metabolites in stage-66 *Xenopus laevis*.

Effect of 2,4-dichlorophenoxyacetic acid on the activities of some metabolic enzymes for generating pyridine nucleotide pool of cells from mouse liver.

Alterations induced by glyphosate on lupin photosynthetic apparatus and nodule ultrastructure and some oxygen diffusion related proteins.

Effects of different soil types on the Collembolans *Folsomia candida* and *Hypogastrura assimilis* using the herbicide Phenmedipham.

Environmental levels of atrazine and its degradation products impair survival skills and growth of red drum larvae.

A slowly developing dysfunction of dopaminergic nigrostriatal neurons induced by long-term paraquat administration in rats: an animal model of preclinical stages of Parkinson's disease?

Developmental pesticide models of the Parkinson disease phenotype.

Adverse effects of prenatal exposure to atrazine during a critical period of mammary gland growth.

Paraquat induces selective dopaminergic nigrostriatal degeneration in aging C57BL/6 mice.

The role of trivalent dimethylated arsenic in dimethylarsinic acid-promoted skin and lung tumorigenesis in mice: tumor-promoting action through the induction of oxidative stress.

Activity of NADPH-cytochrome P-450 reductase of the human heart, liver and lungs in the presence of (-)-epigallocatechin gallate, quercetin and resveratrol: an in vitro study.

Preventive mechanism of cellular glutathione in monomethylarsonic acid-induced cytolethality.

Immunotoxic effects of short-term atrazine exposure in young male C57BL/6 mice.

Toxicity testing of herbicide norflurazon on an aquatic bioindicator species--the planarian *Polycelis felina* (Daly.).

Effects of the herbicide isoproturon on metallothioneins, growth, and antioxidative defenses in the aquatic worm *Tubifex tubifex* (Oligochaeta, Tubificidae).

Atrazine and the hypothalamo-pituitary-gonadal axis in sexually maturing precocial birds: studies in male Japanese quail.

Sustained exposure to the widely used herbicide atrazine: altered function and loss of neurons in brain monoamine systems.

The comparative toxicology of 4-chloro-2-methylphenoxyacetic acid and its plant metabolite 4-chloro-2-carboxyphenoxyacetic acid in rats.

Plasma concentrations of estradiol and testosterone, gonadal aromatase activity and ultrastructure of the testis in *Xenopus laevis* exposed to estradiol or atrazine.

Effect of urea on degradation of terbuthylazine in soil.

Thyroid function in nestling tree swallows and eastern bluebirds exposed to non-persistent pesticides and p, p'-DDE in apple orchards of southern Ontario, Canada.

A risk assessment of atrazine use in California: human health and ecological aspects.

Inorganic arsenic compounds and methylated metabolites induce morphological transformation in two-stage BALB/c 3T3 cell assay and inhibit metabolic cooperation in V79 cell assay.

Salicylic acid triggers genotoxic adaptation to methyl mercuric chloride and ethyl methane sulfonate, but not to maleic hydrazide in root meristem cells of *Allium cepa* L.

Determination of biological reference values for chlorpyrifos metabolites in human urine using a toxicokinetic approach.

Effect of the herbicide glyphosate on liver lipoperoxidation in pregnant rats and their fetuses.

Different cytoprotective effect of antioxidants and change in the iron regulatory system in rodent cells exposed to paraquat or formaldehyde.

Promutagen activation of triazine herbicides metribuzin and ametryn through *Vicia faba* metabolism inducing sister chromatid exchanges in human lymphocytes in vitro and in *V. faba* root tip meristems.

Acute exposure to molinate alters neuroendocrine control of ovulation in the rat.

Hepatic porphyria induced by the herbicide tralkoxydim in small mammals is species-specific.

Identification of the herbicide Surflan and its active ingredient oryzalin, a dinitrosulfonamide, as xenoestrogens.

Characterization of thymic atrophy and the mechanism of thymocyte depletion after in vivo exposure to a mixture of herbicides.

Poisoning due to urea herbicides.

Fate of mutagenicity produced during anaerobic biodegradation of the herbicide chlornitrofen (CNP).

Phytoremediation of atrazine by poplar trees: toxicity, uptake, and transformation.

Biomonitoring for farm families in the farm family exposure study.

Molecular identification and expression study of differentially regulated genes in the Pacific oyster *Crassostrea gigas* in response to pesticide exposure.

Review of the genotoxicity of 4-chloro-2-methylphenoxyacetic acid.

What limits herb biomass in grasslands: competition or herbivory?

Nonosmotic release of vasopressin and renal aquaporins in impaired urinary dilution in hypothyroidism.

Forced uptake of trivalent and pentavalent methylated and inorganic arsenic and its cyto-/genotoxicity in fibroblasts and hepatoma cells.

[WITHDRAWN] Overexpression of superoxide dismutase or glutathione peroxidase protects against the paraquat + maneb-induced Parkinson disease phenotype.

[Examination of urine acrolein in Yusho victims].

Urinary trivalent methylated arsenic species in a population chronically exposed to inorganic arsenic.

Tamoxifen up-regulates catalase production, inhibits vessel wall neutrophil infiltration, and attenuates development of experimental abdominal aortic aneurysms.

Possible enhancing effects of atrazine on growth of 7,12-dimethylbenz(a) anthracene-induced mammary tumors in ovariectomized Sprague-Dawley rats.

The evaluation of different sorbents for the preconcentration of phenoxyacetic acid herbicides and their metabolites from soils.

Concentrations of polybrominated diphenyl ethers, polychlorinated biphenyls, and polychlorobiphenyls in serum from pregnant Faroese women and their children 7 years later.

Differential regulation of proopiomelanocortin (POMC) mRNA expression in hypothalamus and anterior pituitary following repeated cyanamide with ethanol administration.

Folate, homocysteine, and arsenic metabolism in arsenic-exposed individuals in Bangladesh.

Degradation and metabolism of hexazinone by two isolated bacterial strains from soil.

Effect of corn root exudates on the degradation of atrazine and its chlorinated metabolites in soils.

Determination of glyphosate and its metabolite aminomethylphosphonic acid in fruit juices using supported-liquid membrane preconcentration method with high-performance liquid chromatography and UV detection after derivatization with p-toluenesulphonyl chloride.

Leaching of metribuzin metabolites and the associated contamination of a sandy Danish aquifer.

Proteomic analysis of grapevine (*Vitis vinifera* L.) tissues subjected to herbicide stress.

Adaptive response of antioxidant enzymes to catalase inhibition by aminotriazole in goldfish liver and kidney.

The decrease in level of serum thyroxine by 2,2',4,5,5'-pentachlorobiphenyl in rats and mice: no correlation with formation of methylsulfonyl metabolites.

Model study on the effect of 15 phenolic olive mill wastewater constituents on seed germination and *Vibrio fischeri* metabolism.

Bioactive metabolites from the fungus *Nectria galligena*, the main apple canker agent in Chile.

Investigation of the accumulation of 2,4-dichlorophenoxyacetic acid (2,4-D) in rat kidneys.

Role of the alkali labile sites, reactive oxygen species and antioxidants in DNA damage induced by methylated trivalent metabolites of inorganic arsenic.

Protective role of hydrogen peroxide in oxygen-deprived dopaminergic neurones of the rat substantia nigra.

Effects of bisphenol-A (BPA), dibutylphtalate (DBP), benzophenone-2 (BP2), procymidone (Proc), and linurone (Lin) on fat tissue, a variety of hormones and metabolic parameters: a 3 months comparison with effects of estradiol (E2) in ovariectomized (ovx) rats.

Comparison of sorption and diffusion by pyridate and its polar metabolite in isolated cuticular wax of *Chenopodium album* and *Hordeum vulgare*.

Effect of ascorbate on acrolein modification of very low density lipoprotein and uptake of oxidized apolipoprotein e by hepatocytes.

Expression of a fungal cyanamide hydratase in transgenic soybean detoxifies cyanamide in tissue culture and in planta to provide cyanamide resistance.

Resistance cost of a cytochrome P450 herbicide metabolism mechanism but not an ACCase target site mutation in a multiple resistant *Lolium rigidum* population.

Application of Alamar blue/5-carboxyfluorescein diacetate acetoxymethyl ester as a noninvasive cell viability assay in primary hepatocytes from rainbow trout.

Identification of rat urinary and fecal metabolites of a new herbicide, pyribenzoxim.

Rapid determination of aniline metabolites of chlorpropham in potatoes by micellar electrokinetic chromatography using negative-charged mixed micelles and laser-induced fluorescence detection.

DNA damage in leukocytes of workers occupationally exposed to arsenic in copper smelters.

Coherent phase microscopy in cell biology: visualization of metabolic states.

Novel genomic targets in oxidant-induced vascular injury.

Application of artificial neural networks for prediction of retention factors of triazine herbicides in reversed-phase liquid chromatography.

Influence of soil properties on the adsorption-desorption of sulcotrione and its hydrolysis metabolites on various soils.

Translation of in vitro inhibition by marine natural products of the C₄ acid cycle enzyme pyruvate P(i) dikinase to in vivo C₄ plant tissue death.

Acrolein induces Hsp72 via both PKC δ /JNK and calcium signaling pathways in human umbilical vein endothelial cells.

Influence of paraquat on dopaminergic transporter in the rat brain.

Determination of hydroxylated polychlorinated biphenyls (HO-PCBs) in blood plasma by high-performance liquid chromatography-electrospray ionization-tandem quadrupole mass spectrometry.

Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in mice following acute oral administration of arsenate.

Formation of refractory ring-expanded triazine intermediates during the photocatalyzed mineralization of the endocrine disruptor amitrole and related triazole derivatives at UV-irradiated TiO₂/H₂O interfaces.

Inhibition of acetaldehyde metabolism decreases acetylcholine release in medial frontal cortex of freely moving rats.

Botryane metabolites from the fungus *Geniculosporium* sp. isolated from the marine red alga *Polysiphonia*.

Induction of thioredoxin reductase as an adaptive response to acrolein in human umbilical vein endothelial cells.

Tissue distribution of arsenic species in rabbits after single and multiple parenteral administration of arsenic trioxide: tissue accumulation and the reversibility after washout are tissue-selective.

A novel test for identifying genes involved in aldehyde detoxification in the yeast. Increased sensitivity of superoxide-deficient yeast to aldehydes and their metabolic precursors.

Oxidative metabolites are involved in polyamine-induced microglial cell death.

Influence of protein binding on acrolein turnover in vitro by oxazaphosphorines and liver microsomes.

Evolution of endogenous hormone concentration in embryogenic cultures of carrot during early expression of somatic embryogenesis.

Molecular events associated with arsenic-induced malignant transformation of human prostatic epithelial cells: aberrant genomic DNA methylation and K-ras oncogene activation.

Fibroblast cell lines from young adult mice of long-lived mutant strains are resistant to multiple forms of stress.

Disruption of thyroid hormone homeostasis at weaning of Holtzman rats by lactational but not in utero exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Suppressive effects of caraway (*Carum carvi*) extracts on 2, 3, 7, 8-tetrachloro-dibenzo-p-dioxin-dependent gene expression of cytochrome P450 1A1 in the rat H4IIE cells.

Transduced Tat-SOD fusion protein protects against ischemic brain injury.

Identification of aldehyde oxidase 1 and aldehyde oxidase homologue 1 as dioxin-inducible genes.

Cell death induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) in AtT-20 pituitary cells.

Mitochondrial O₂^{*}- and H₂O₂ mediate glucose deprivation-induced stress in human cancer cells.

[Not only eggs from free roaming chickens are contaminated. How dangerous is dioxin in foods?].

Assessment of human contamination of estrogenic endocrine-disrupting chemicals and their risk for human reproduction.

Background exposure to PCDDs/PCDFs/PCBs and its potential health effects: a review of epidemiologic studies.

Paradoxical effects of green tea (*Camellia sinensis*) and antioxidant vitamins in diabetic rats: improved retinopathy and renal mitochondrial defects but deterioration of collagen matrix glycoxidation and cross-linking.

Effects of arsenite on cell cycle progression in a human bladder cancer cell line.

Transcriptional activation of the membrane-bound progesterone receptor (mPR) by dioxin, in endocrine-responsive tissues.

Deregulation of cell proliferation by polycyclic aromatic hydrocarbons in human breast carcinoma MCF-7 cells reflects both genotoxic and nongenotoxic events.

Aminolevulinic acid: from its unique biological function to its star role in photodynamic therapy.

[Ferro-folgamma--a good alternative in the treatment of iron deficiency anemia and depleted iron stores in pregnant women].

Pediatric fatality following ingestion of dinitrophenol: postmortem identification of a "dietary supplement".

[Health risk related to municipal waste incineration].

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and leptin on hypothalamic mRNA expression of factors participating in food intake regulation in a TCDD-sensitive and a TCDD-resistant rat strain.

Celecoxib inhibits proliferation and induces apoptosis via cyclooxygenase-2 pathway in human pancreatic carcinoma cells.

The epidemiology of pesticide exposure and cancer: A review.

[Effects of Tianzhi Keli on extracellular acetylcholine and catecholamine levels in striatum of rats with neuromitochondrial impairment].

Ability of fourteen chemical agents used in dental practice to induce chromosome aberrations in Syrian hamster embryo cells.

Role of aldehyde dehydrogenase isozymes in the defense of rat lens and human lens epithelial cells against oxidative stress.

Lack of CYP1A1 expression is involved in unresponsiveness of the human hepatoma cell line SK-HEP-1 to dioxin.

Toxicology and carcinogenesis studies of sodium chlorate (Cas No. 7775-09-9) in F344/N rats and B6C3F1 mice (drinking water studies).

Persistent organochlorine chemicals in plasma and risk of non-Hodgkin's lymphoma.

High prevalence of the plasmid-mediated quinolone resistance determinant qnrA in multidrug-resistant Enterobacteriaceae from blood cultures in Liverpool, UK.

Glycolytic glioma cells with active glycogen synthase are sensitive to PTEN and inhibitors of PI3K and gluconeogenesis.

In utero and lactational exposure to TCDD; steroidogenic outcomes differ in male and female rat pups.

Review of the toxicology of carbonyl sulfide, a new grain fumigant.

Effects of chemical ischemia in cerebral cortex slices. Focus on nitric oxide.

Hypothyroidism attenuates protein tyrosine nitration, oxidative stress and renal damage induced by ischemia and reperfusion: effect unrelated to antioxidant enzymes activities.

Genetic and environmental influences on malformations of the cardiac outflow tract.

Effects of ferrous sulphate and non-ionic iron-polymaltose complex on markers of oxidative tissue damage in patients with inflammatory bowel disease.

Synthesis and biodistribution of (11)C-GW7845, a positron-emitting agonist for peroxisome proliferator-activated receptor- γ .

Severe cyanide toxicity from 'vitamin supplements'.

Insulin neuroprotection against oxidative stress in cortical neurons--involvement of uric acid and glutathione antioxidant defenses.

Identification of BCRP as transporter of benzo[a]pyrene conjugates metabolically formed in Caco-2 cells and its induction by Ah-receptor agonists.

Adhesion and Rac1-dependent regulation of biglycan gene expression by transforming growth factor-beta. Evidence for oxidative signaling through NADPH oxidase.

Assay of the synthetic estrogen fosfestrol in pharmaceutical formulations using capillary electrophoresis.

Retinoid status and responsiveness to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice lacking retinoid binding protein or retinoid receptor forms.

Time profiles of peritoneal and renal clearances of different uremic solutes in incident peritoneal dialysis patients.

Expression of sucrose synthase genes involved in enhanced elongation of pondweed (*Potamogeton distinctus*) turions under anoxia.

Cytochrome P450 1B1 is overexpressed and regulated by hypomethylation in prostate cancer.

The hangover gene defines a stress pathway required for ethanol tolerance development.

Biomarkers of exposure, effect, and susceptibility of arsenic-induced health hazards in Taiwan.

Immortalized mouse mammary fibroblasts lacking dioxin receptor have impaired tumorigenicity in a subcutaneous mouse xenograft model.

An assessment of PCBs and OC pesticides in eggs of double-crested (*Phalacrocorax auritus*) and Pelagic (*P. pelagicus*) cormorants from the west coast of Canada, 1970 to 2002.

Photosensitizing properties of 6-methoxy-2-naphthylacetic acid, the major metabolite of the phototoxic non-steroidal anti-inflammatory and analgesic drug nabumetone.

Gas chromatographic-mass spectrometric analysis for measurement of p-cresol and its conjugated metabolites in uremic and normal serum.

Congenital diaphragmatic hernia: a retinoid-signaling pathway disruption during lung development?

Glycation of mitochondrial proteins from diabetic rat kidney is associated with excess superoxide formation.

Synthesis and in vivo evaluation of [11C]PJ34, a potential radiotracer for imaging the role of PARP-1 in necrosis.

Theophylline pharmacokinetics: comparison of Cyp1a1(-/-) and Cyp1a2(-/-) knockout mice, humanized hCYP1A1_1A2 knock-in mice lacking either the mouse Cyp1a1 or Cyp1a2 gene, and Cyp1(+/+) wild-type mice.

Characterization of the monomethylarsonate reductase and dehydroascorbate reductase activities of Omega class glutathione transferase variants: implications for arsenic metabolism and the age-at-onset of Alzheimer's and Parkinson's diseases.

Congenital diaphragmatic hernia, tracheal occlusion, thyroid transcription factor-1, and fetal pulmonary epithelial maturation.

New paradigms in the treatment of restless legs syndrome.

Interactions between metabolism of trace metals and xenobiotic agonists of the aryl hydrocarbon receptor in the antarctic fish *Trematomus bernacchii*: environmental perspectives.

[Experimental behavioral tests using monkey and rat offspring born from mothers exposed perinatally to EDCs].

Sodium azide and 2-deoxy-D-glucose-induced cellular stress affects phosphorylation-dependent AbetaPP processing.

An epidemiological study of poisoning cases reported to the National Poisons Information Centre, All India Institute of Medical Sciences, New Delhi.

High susceptibility of human c-Ha-ras proto-oncogene transgenic rats to carcinogenesis: a cancer-prone animal model.

Induction and activation of the aryl hydrocarbon receptor by IL-4 in B cells.

Peroxiredoxin 6, a 1-Cys peroxiredoxin, functions in antioxidant defense and lung phospholipid metabolism.

Common viral infection affects pentabrominated diphenyl ether (PBDE) distribution and metabolic and hormonal activities in mice.

Temporal and dose-dependent hepatic gene expression patterns in mice provide new insights into TCDD-Mediated hepatotoxicity.

Perinatal exposure to the fungicide prochloraz feminizes the male rat offspring.

Transcriptional regulation of NF-E2 p45-related factor (NRF2) expression by the aryl hydrocarbon receptor-xenobiotic response element signaling pathway: direct cross-talk between phase I and II drug-metabolizing enzymes.

Ah receptor- and TCDD-mediated liver tumor promotion: clonal selection and expansion of cells evading growth arrest and apoptosis.

Dioxin: a review of its environmental effects and its aryl hydrocarbon receptor biology.

Localization of cytochrome P450 CYP2S1 expression in human tissues by in situ hybridization and immunohistochemistry.

Organic anion transporter (Slc22a) family members as mediators of toxicity.

The dioxin/aryl hydrocarbon receptor mediates downregulation of osteopontin gene expression in a mouse model of gastric tumorigenesis.

Methyl bromide intoxication causes reversible symmetric brainstem and cerebellar MRI lesions.

Rubidium-87 magnetic resonance spectroscopy and imaging for analysis of mammalian K⁺ transport.

Effects of PCB 126 on primary immune organs and thymocyte apoptosis in chicken embryos.

Good bug, bad bug: in the case of enteric inflammatory disease does the epithelium decide?

Neonatally administered tert-octylphenol affects onset of puberty and reproductive development in female rats.

Gastric hamartomatous tumours in a transgenic mouse model expressing an activated dioxin/Ah receptor.

Insulinlike growth factor I gene expression is increased in the fetal lung after tracheal ligation.

Is oxidative stress the mechanism of blue sac disease in retene-exposed trout larvae?

Developmental pesticide exposures and the Parkinson's disease phenotype.

Amalgam exposure and neurological function.

Structural and functional alterations in mitochondrial membrane in picrotoxin-induced epileptic rat brain.

Prospective protective role of melatonin against arsenic-induced metabolic toxicity in Wistar rats.

Phosphorylation of cytochromes P450: first discovery of a posttranslational modification of a drug-metabolizing enzyme.

Aryl hydrocarbon receptor-dependent liver development and hepatotoxicity are mediated by different cell types.

Mitochondrial function in Leydig cell steroidogenesis.

Analysis of urinary biomarkers for exposure to alkyl benzenes by isotope dilution gas chromatography-mass spectrometry.

A truncated haemoglobin implicated in oxygen metabolism by the microaerophilic food-borne pathogen *Campylobacter jejuni*.

Dioxin-like activity and maternal thyroid hormone levels in second trimester maternal serum.

Mitochondria are fast Ca^{2+} sinks in rat extraocular muscles: a novel regulatory influence on contractile function and metabolism.

Protective effects of ellagic and chlorogenic acids against oxidative stress in PC12 cells.

The role of oxidative stress in the modulation of aryl hydrocarbon receptor-regulated genes by As^{3+} , Cd^{2+} , and Cr^{6+} .

Non-genomic effects of endocrine disrupters: inhibition of estrogen sulfotransferase by phenols and chlorinated phenols.

Induction of cytochrome P450 1A5 mRNA, protein and enzymatic activities by dioxin-like compounds, and congener-specific metabolism and sequestration in the liver of wild jungle crow (*Corvus macrorhynchos*) from Tokyo, Japan.

Bioactivation of 4-methylphenol (p-cresol) via cytochrome P450-mediated aromatic oxidation in human liver microsomes.

An assessment of the toxicological significance of anthropogenic contaminants in Canadian arctic wildlife.

Organochlorine compounds in liver and concentrations of vitellogenin and 17beta-estradiol in plasma of sea bass fed with a commercial or with a natural diet.

GC-MS analysis of dichlobenil and its metabolites in groundwater.

Tissue-specific, inducible, and hormonal control of the human UDP-glucuronosyltransferase-1 (UGT1) locus.

Sodium arsenite-induced inhibition of eukaryotic translation initiation factor 4E (eIF4E) results in cytotoxicity and cell death.

Identification and characterization of a Na⁺-dependent neutral amino acid transporter, ASCT1, in rabbit corneal epithelial cell culture and rabbit cornea.

Function of nuclear sex hormone receptors in gene regulation.

In utero exposure to dioxins and polychlorinated biphenyls and its relations to thyroid function and growth hormone in newborns.

Thyroid-hormone-disrupting chemicals: evidence for dose-dependent additivity or synergism.

Differential inhibitory effect of long-chain acyl-CoA esters on succinate and glutamate transport into rat liver mitochondria and its possible implications for long-chain fatty acid oxidation defects.

Toxicogenomic profile of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the murine fetal heart: modulation of cell cycle and extracellular matrix genes.

SKS6, a multicopper oxidase-like gene, participates in cotyledon vascular patterning during Arabidopsis thaliana development.

Dose-dependent liver regeneration in chloroform, trichloroethylene and allyl alcohol ternary mixture hepatotoxicity in rats.

Urinary and hand wipe pesticide levels among farmers and nonfarmers in Iowa.

Tissue dosimetry, metabolism and excretion of pentavalent and trivalent monomethylated arsenic in mice after oral administration.

[Political poisoning with dioxins--a weapon of chemical "disgracefulness"].

New organochlorine contaminants and metabolites in plasma and eggs of glaucous gulls (Larus hyperboreus) from the Norwegian Arctic.

Effect-directed analysis of mutagens and ethoxyresorufin-o-deethylase inducers in aquatic sediments.

Pharmacokinetics of glutathione and its metabolites in normal subjects.

New glycol radical enzymes catalysing key metabolic steps in anaerobic bacteria.

Allyl alcohol and garlic (*Allium sativum*) extract produce oxidative stress in *Candida albicans*.

Lifespan and stress resistance of *Caenorhabditis elegans* are increased by expression of glutathione transferases capable of metabolizing the lipid peroxidation product 4-hydroxynonenal.

Oxidative phosphorylation and the tricarboxylic acid cycle are essential for normal development of mouse ovarian follicles.

Fermentative metabolism is induced by inhibiting different enzymes of the branched-chain amino acid biosynthesis pathway in pea plants.

Alkoxyresorufin-O-deethylase activities and polychlorinated biphenyl patterns in shrews as biomarkers in environmental risk assessments: sensitivity and specificity.

Effects of AV3V lesion on pilocarpine-induced pressor response and salivary gland vasodilation.

Determination of triazines and dealkylated and hydroxylated metabolites in river water using a propazine-imprinted polymer.

Toxicological implications of polymorphisms in receptors for xenobiotic chemicals: the case of the aryl hydrocarbon receptor.

Sulfonation of environmental chemicals and their metabolites in the polar bear (*Ursus maritimus*).

Regulation of mouse organic anion-transporting polypeptides (Oatps) in liver by prototypical microsomal enzyme inducers that activate distinct transcription factor pathways.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) alters the mRNA expression of critical genes associated with cholesterol metabolism, bile acid biosynthesis, and bile transport in rat liver: a microarray study.

Concentrations and hazard assessment of polychlorinated biphenyls and organochlorine pesticides in shark liver from the Mediterranean Sea.

Physiological increases in uncoupling protein 3 augment fatty acid oxidation and decrease reactive oxygen species production without uncoupling respiration in muscle cells.

Tissue-dependent distribution and accumulation of chlorobenzenes by vegetables in urban area.

The dioxin-like PCB 77 but not the ortho-substituted PCB 153 interferes with chicken embryo thyroid hormone homeostasis and delays hatching.

Evaluation of mutagenic and antimutagenic activities of alpha-bisabolol in the Salmonella/microsome assay.

Metabolism, excretion, and pharmacokinetics of (3-[[4-tert-butyl-benzyl)-(pyridine-3-sulfonyl)-amino]-methyl]-phenoxy)-acetic acid, an EP2 receptor-selective prostaglandin E2 agonist, in male and female Sprague-Dawley rats.

Human CD34-positive hematopoietic stem cells constitute targets for carcinogenic polycyclic aromatic hydrocarbons.

Altered retinoid metabolism in female Long-Evans and Han/Wistar rats following long-term 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treatment.

The development of a physiologically-based pharmacokinetic model using the distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the tissues of the eastern oyster (*Crassostrea virginica*).

Effects of dioxin on metabolism of estrogens in waste incinerator workers.

Manipulation of plant tolerance to herbicides through co-ordinated metabolic engineering of a detoxifying glutathione transferase and thiol cosubstrate.

Plasma protein level changes in waste incineration workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Localization and differential activity of P-glycoprotein in the bovine olfactory and nasal respiratory mucosae.

The effect of landuse on soil organic carbon chemistry and sorption of pesticides and metabolites.

Mechanisms underlying the relaxation response induced by bradykinin in the epithelium-intact guinea-pig trachea in vitro.

Induction of the multidrug resistance-associated protein family of transporters by chemical activators of receptor-mediated pathways in mouse liver.

Quantification of phenolic metabolites of environmental chemicals in human urine using gas chromatography-tandem mass spectrometry and isotope dilution quantification.

Glutathione conjugates of 4-hydroxy-2(E)-nonenal as biomarkers of hepatic oxidative stress-induced lipid peroxidation in rats.

Metabolism of dibenzofuran and dibenzo-p-dioxin by the biphenyl dioxygenase of *Burkholderia xenovorans* LB400 and *Comamonas testosteroni* B-356.

Tissue distribution, elimination, and metabolism of dietary sodium [³⁶Cl]chlorate in beef cattle.

Hepatic CYP1A induction by dioxin-like compounds, and congener-specific metabolism and sequestration in wild common cormorants from Lake Biwa, Japan.

Evaluation of immuno- and reproductive toxicities and association between immunotoxicological and genotoxicological parameters in waste incineration workers.

Potential sulfur metabolisms and associated bacteria within anoxic surface sediment from saline meromictic Lake Kaiike (Japan).

Altered thyroxin and retinoid metabolic response to 2,3,7,8-tetrachlorodibenzo-p-dioxin in aryl hydrocarbon receptor-null mice.

Functional importance of the family 1 glucosyltransferase UGT72B1 in the metabolism of xenobiotics in *Arabidopsis thaliana*.

Energy substrate requirements for survival of rat retinal cells in culture: the importance of glucose and monocarboxylates.

Cardiovascular gene expression profiles of dioxin exposure in zebrafish embryos.

Mechanisms of exocrine pancreatic toxicity induced by oral treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Harlan Sprague-Dawley Rats.

Adenosine 5'-monophosphate-activated protein kinase and p38 mitogen-activated protein kinase participate in the stimulation of glucose uptake by dinitrophenol in adult cardiomyocytes.

Gentisic acid, an aspirin metabolite, inhibits oxidation of low-density lipoprotein and the formation of cholesterol ester hydroperoxides in human plasma.

Noradrenaline involvement in the memory-enhancing effects of exposure to a complex rhythm stimulus following discriminated passive avoidance training in the young chick.

GMD@CSB.DB: the Golm Metabolome Database.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced impairment of glucose-stimulated insulin secretion in isolated rat pancreatic islets.

Ascorbic acid and alpha-tocopherol as potent modulators of apoptosis on arsenic induced toxicity in rats.

Kinetic modelling of the intestinal transport of sarafloxacin. Studies in situ in rat and in vitro in Caco-2 cells.

Type-3 ryanodine receptors mediate hypoxia-, but not neurotransmitter-induced calcium release and contraction in pulmonary artery smooth muscle cells.

Thyroid lesions and dioxin accumulation in the livers of jungle crows (*Corvus macrorhynchos*) in urban and suburban Tokyo.

Paired cysteine mutagenesis to establish the pattern of disulfide bonds in the functional intact secretin receptor.

Effects of elastase on the mechanical and failure properties of engineered elastin-rich matrices.

C-reactive protein does not relax vascular smooth muscle: effects mediated by sodium azide in commercially available preparations.

A new metabolic pathway of arsenite: arsenic-glutathione complexes are substrates for human arsenic methyltransferase Cyt19.

The effects of gestational arsenic exposure and dietary selenium deficiency on selenium and selenoenzymes in maternal and fetal tissues in mice.

Determination of urinary ortho- and meta-cresol in humans by headspace SPME gas chromatography/mass spectrometry.

Determination of chloroacetanilides, triazines and phenylureas and some of their metabolites in soils by pressurised liquid extraction, GC-MS/MS, LC-MS and LC-MS/MS.

[In vitro regeneration and callogenesis in tissue culture of floral organs of the genus *Iris* (Iridaceae)].

Effect of testosterone and steroids homologues on indolamines and lipid peroxidation in rat brain.

Proteomic characterization of rat liver exposed to 2,3,7,8-tetrachlorobenzo-p-dioxin.

Constitutively active aryl hydrocarbon receptor expressed specifically in T-lineage cells causes thymus involution and suppresses the immunization-induced increase in splenocytes.

Mechanism of TNF- α modulation of Caco-2 intestinal epithelial tight junction barrier: role of myosin light-chain kinase protein expression.

Carrier mediated transport of chlorpheniramine and chlorcyclizine across bovine olfactory mucosa: implications on nose-to-brain transport.

Inhibition of cyclooxygenase activity, platelet aggregation and thromboxane B₂ production by two environmental toxicants: m- and o-cresol.

Human cytochrome p450 2s1: lack of activity in the metabolic activation of several cigarette smoke carcinogens and in the metabolism of nicotine.

Glutathione reductase inhibition and methylated arsenic distribution in Cd1 mice brain and liver.

Characterization of the metabolic interaction between trihalomethanes and chloroacetic acids using rat liver microsomes.

Anti-thyroid hormonal activity of tetrabromobisphenol A, a flame retardant, and related compounds: Affinity to the mammalian thyroid hormone receptor, and effect on tadpole metamorphosis.

Phase I study of MetXia-P450 gene therapy and oral cyclophosphamide for patients with advanced breast cancer or melanoma.

Natural furocoumarins as inducers and inhibitors of cytochrome P450 1A1 in rat hepatocytes.

[Differentiation of rat bone marrow derived Thy-1+ beta2M- cells into hepatocytes].

A carbohydrate fraction, AIP1, from *Artemisia iwayomogi* down-regulates Fas gene expression and suppresses apoptotic death of the thymocytes induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Competing roles of cytochrome P450 1A1/1B1 and aldo-keto reductase 1A1 in the metabolic activation of (+/-)-7,8-dihydroxy-7,8-dihydro-benzo[a]pyrene in human bronchoalveolar cell extracts.

Monochloroacetic acid inhibits liver gluconeogenesis by inactivating glyceraldehyde-3-phosphate dehydrogenase.

Photodecomposition of retinyl palmitate in ethanol by UVA light-formation of photodecomposition products, reactive oxygen species, and lipid peroxides.

Comparison of atomic absorption and fluorescence spectroscopic methods for the routine determination of urinary arsenic.

Overexpression of a eukaryotic glutathione reductase gene from *Brassica campestris* improved resistance to oxidative stress in *Escherichia coli*.

A practical note on the use of cytotoxicity assays.

Simultaneous fluorimetric determination of glyphosate and its metabolite, aminomethylphosphonic acid, in water, previous derivatization with NBD-Cl and by partial least squares calibration (PLS).

Modulation at a cellular level of the thyroid hormone receptor-mediated gene expression by 1,2,5,6,9,10-hexabromocyclododecane (HBCD), 4,4'-diiodobiphenyl (DIB), and nitrofen (NIP).

Differential signatures of protein expression in marmoset liver and thymus induced by single-dose TCDD treatment.

Prostaglandin E1 transport into rat intestinal cryptic cell line IEC-6.

Detection of Several Classes of Pesticides and Metabolites in Meconium by Gas Chromatography-Mass Spectrometry.

Studies of the toxicological potential of tripeptides (L-valyl-L-prolyl-L-proline and L-isoleucyl-L-prolyl-L-proline): IX. Evaluation of the mutagenic potential of synthesized L-valyl-L-prolyl-L-proline in the *Salmonella-Escherichia coli*/microsome, incorporation assay.

A mixture of ammonium perchlorate and sodium chlorate enhances alterations of the pituitary-thyroid axis caused by the individual chemicals in adult male F344 rats.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on vitamin A metabolism in mice.

Cytotoxicity and mutagenicity study of waste and purified water samples from electroplating industries prepared by use of ferrous sulfate and wood fly ash.

Microbial metabolism of 2-chlorophenol, phenol and rho-cresol by *Rhodococcus erythropolis* M1 in co-culture with *Pseudomonas fluorescens* P1.

[Dioxin, poisoning information or brainwashing? On Seveso's and Yushchenko's acne].

Synthesis and characterization of EADAM: a selective radioligand for mapping the brain serotonin transporters by positron emission tomography.

Hepatocyte-targeted nuclear imaging using ^{99m}Tc-galactosylated chitosan: conjugation, targeting, and biodistribution.

2,3,7,8-tetrachlorodibenzo-p-dioxin enhances negative selection of T cells in the thymus but allows autoreactive T cells to escape deletion and migrate to the periphery.

Aryl hydrocarbon receptor-activating polychlorinated biphenyls and their hydroxylated metabolites induce cell proliferation in contact-inhibited rat liver epithelial cells.

The transcriptional response to a peroxisome proliferator-activated receptor alpha agonist includes increased expression of proteome maintenance genes.

The relationship of urinary metabolites of carbaryl/naphthalene and chlorpyrifos with human semen quality.

[Alzheimer's disease with secondary Parkinson's syndrome. Case report of a patient with dementia and Parkinson's syndrome after long-term occupational exposure to insecticides, herbicides, and pesticides].

Genetic engineering of glycinebetaine synthesis in tomato protects seeds, plants, and flowers from chilling damage.

Sensitivity of zebrafish to environmental toxins implicated in Parkinson's disease.

Toxicology and carcinogenesis studies of microencapsulated trans-cinnamaldehyde in rats and mice.

Antioxidant enzymes and thiol/disulfide status in the digestive gland of the brown mussel *Perna perna* exposed to lead and paraquat.

Cigarette suppresses the expression of P4Halpha and vascular collagen production.

[Research advances in wheat (*Triticum aestivum*) allelopathy].

Serum luteinizing hormone response to administration of gonadotropin-releasing hormone to atrazine-treated gilts.

G209A mutant alpha synuclein expression specifically enhances dopamine induced oxidative damage.

Effects of long-term exposure of the red swamp crawfish *Procambarus clarkii* to a mixture of two herbicides, 2,4-dichlorophenoxyacetic acid and monosodium methanearsonate, and associated human health risks.

Toxicity of dipyriddy compounds and related compounds.

Chlorpropham induces mitochondrial dysfunction in rat hepatocytes.

Toxicity of glyphosate-based pesticides to four North American frog species.

The role of active arsenic species produced by metabolic reduction of dimethylarsinic acid in genotoxicity and tumorigenesis.

Microbial metabolite of dimethylarsinic acid is highly toxic and genotoxic.

Mortality and cancer incidence among alachlor manufacturing workers 1968-99.

Metallothionein (I/II) suppresses genotoxicity caused by dimethylarsinic acid.

An in vitro procedure for evaluation of early stage oxidative stress in an established fish cell line applied to investigation of PHAH and pesticide toxicity.

Combined effects of ethanol and cinnamaldehyde in the Japanese medaka embryo-larval assay (MELA).

Chromosomal aberrations, micronuclei and nuclear buds induced in human lymphocytes by 2,4-dichlorophenoxyacetic acid pesticide formulation.

Comparative inter-species pharmacokinetics of phenoxyacetic acid herbicides and related organic acids. evidence that the dog is not a relevant species for evaluation of human health risk.

[Use of peptide bioregulators in intoxication with the herbicide 2,4-dichlorophenoxyacetic acid].

Comparison of anti-androgenic activity of flutamide, vinclozolin, procymidone, linuron, and p, p'-DDE in rodent 10-day Hershberger assay.

Detection of acrolein-lysine adducts in plasma low-density lipoprotein and in aorta of cyclophosphamide-administered rats.

Glyphosate herbicide formulation: a potentially lethal ingestion.

Pentachlorophenol (PCP) bioaccumulation and effect on heat production on salmon eggs at different stages of development.

Attenuation of paraquat-induced motor behavior and neurochemical disturbances by L-valine in vivo.

[Using the FRTL-5 cell to screen the thyroxine disrupting effects of the two pesticides-ethylenethiourea and pendimethalin].

Gene expression analysis of the lung following paraquat administration in rats using DNA microarray.

Regulation of catabolic enzymes during long-term exposure of *Delftia acidovorans* MC1 to chlorophenoxy herbicides.

Detoxication of the environmental pollutant acrolein by a rat liver aldo-keto reductase.

Effects of atrazine on sex steroid dynamics, plasma vitellogenin concentration and gonad development in adult goldfish (*Carassius auratus*).

Biotransformation of chlorpropham (CIPC) in isolated rat hepatocytes and xenoestrogenic activity of CIPC and its metabolites by in vitro assays.

The effect of estradiol on the oxidative damage and trace element level determined in the liver of rats treated with dimethylarsinic acid.

Protein binding and metabolism influence the relative skin sensitization potential of cinnamic compounds.

Exposure parameters necessary for delayed puberty and mammary gland development in Long-Evans rats exposed in utero to atrazine.

Oocyte maturation in *Xenopus laevis* is blocked by the hormonal herbicide, 2,4-dichlorophenoxy acetic acid.

Mutation analysis of the different *tfd* genes for degradation of chloroaromatic compounds in *Ralstonia eutropha* JMP134.

Carbonyl stress and detoxification ability in the male genital tract and testis of rats.

The FEMA GRAS assessment of cinnamyl derivatives used as flavor ingredients.

15-deoxy prostaglandin J2 enhances allyl alcohol-induced toxicity in rat hepatocytes.

Foetal rat lung epithelial (FRLE) cells: partial characterisation and response to pneumotoxins.

Multiple medical problems following agent orange exposure.

Glyphosate poisoning.

Cross resistance to accase herbicide in *Lolium rigidum*.

Poisoning due to chlorophenoxy herbicides.

External Qi therapy to treat symptoms of Agent Orange Sequelae in Korean combat veterans of the Vietnam War.

Alpha and beta estradiol protect neuronal but not native PC12 cells from paraquat-induced oxidative stress.

2,4,5-T and 2,4,5-TCP induce oxidative damage in human erythrocytes: the role of glutathione.

Herbicide safety relative to common targets in plants and mammals.

Antioxidants effectively prevent oxidation-induced protein damage in OLN 93 cells.

Arsenic drinking water exposure and urinary excretion among adults in the Yaqui Valley, Sonora, Mexico.

The cytotoxic activity of lactoperoxidase: enhancement and inhibition by neuroactive compounds.

Sulfur-containing arsenical mistaken for dimethylarsinous acid [DMA(III)] and identified as a natural metabolite in urine: major implications for studies on arsenic metabolism and toxicity.

Vanin-1^{-/-} mice exhibit a glutathione-mediated tissue resistance to oxidative stress.

Possible mechanism for medial smooth muscle cell injury in diabetic nephropathy: glycooxidation-mediated local complement activation.

Activities of UDP-glucuronyltransferase, beta-glucuronidase and deiodinase types I and II in hyper- and hypothyroid rats.

Resistance of mitochondrial DNA-depleted cells against cell death: role of mitochondrial superoxide dismutase.

Arsenic speciation in urine from acute promyelocytic leukemia patients undergoing arsenic trioxide treatment.

Metabolism of metamitron in goat following a single oral administration of a nontoxic dose level: a continued study.

Pistil induction by hormones from callus of *Oryza sativa* in vitro.

Activities of fructan- and sucrose-metabolizing enzymes in wheat stems subjected to water stress during grain filling.

Antioxidants and ocular cell type differences in cytoprotection from formic acid toxicity in vitro.

Chloroacetanilide herbicide metabolites in Wisconsin groundwater: 2001 survey results.

Hydrophobic metabolites of 2,4-dichlorophenoxyacetic acid (2,4-D) in cultured coconut tissue.

The activities of antioxidant enzymes in response to oxidative stresses and hormones in paraquat-tolerant *Rehmannia glutinosa* plants.

Sorption of the herbicide dichlobenil and the metabolite 2,6-dichlorobenzamide on soils and aquifer sediments.

Aminomethylphosphonic acid, a metabolite of glyphosate, causes injury in glyphosate-treated, glyphosate-resistant soybean.

Role of mitochondrial aldehyde dehydrogenase in nitroglycerin-induced vasodilation of coronary and systemic vessels: an intact canine model.

A review of the enzymology of arsenic metabolism and a new potential role of hydrogen peroxide in the detoxication of the trivalent arsenic species.

Catalase-independent early-gene expression in rat brain following acute ethanol exposure.

Distribution and metabolism of D/L-, L- and D-glufosinate in transgenic, glufosinate-tolerant crops of maize (*Zea mays* L ssp *mays*) and oilseed rape (*Brassica napus* L var *napus*).

Simultaneous quantification of glyphosate, glufosinate, and their major metabolites in rice and soybean sprouts by gas chromatography with pulsed flame photometric detector.

Monitoring of urinary acrolein concentration in patients receiving cyclophosphamide and ifosfamide.

Phytotoxins from the leaves of *Ruta graveolens*.

Influence of vitamin E, sodium selenite, and astrocyte-conditioned medium on neuronal survival after chronic exposure to ethanol.

Contamination of honey by the herbicide asulam and its antibacterial active metabolite sulfanilamide.

Sorption, mineralization and mobility of N-(phosphonomethyl)glycine (glyphosate) in five different types of gravel.

Evidence that atrazine and diaminochlorotriazine inhibit the estrogen/progesterone induced surge of luteinizing hormone in female Sprague-Dawley rats without changing estrogen receptor action.

[Determination of glyphosate and its principal metabolite residues in banana and its irrigation water by GC-MS].

Preconcentration of the herbicide glyphosate and its metabolite AMPA by immobilised metal ion affinity chromatography (IMAC).

Adsorption and desorption of metolachlor and metolachlor metabolites in vegetated filter strip and cultivated soil.

A liquid chromatography--tandem mass spectrometry multiresidue method for quantification of specific metabolites of organophosphorus pesticides, synthetic pyrethroids, selected herbicides, and deet in human urine.

Interaction of xenobiotics with estrogen receptors alpha and beta and a putative plasma sex hormone-binding globulin from channel catfish (*Ictalurus punctatus*).

Crosstalk and differential response to abiotic and biotic stressors reflected at the transcriptional level of effector genes from secondary metabolism.

[Induction of embryogenic calli from caryopses of common bermudagrass and ultrastructure of embryogenic cells as well as plant regeneration].

Chirality of pollutants--effects on metabolism and fate.

Quantification of the new triketone herbicides, sulcotrione and mesotrione, and other important herbicides and metabolites, at the ng/l level in surface waters using liquid chromatography-tandem mass spectrometry.

[Quantitative evaluation of interaction between toxic substances in overall soil pollution].

[Cultivation of *Iris ensata* Thunb. callus tissue].

Degradation and sorption of metribuzin and primary metabolites in a sandy soil.

An endogenous metabolite of dopamine, 3,4-dihydroxyphenylethanol, acts as a unique cytoprotective agent against oxidative stress-induced injury.

Comparative effect of cyanamide and sodium nitroprusside on indolamine and lipid peroxidation levels in rat brain.

Inhibition of cardiac myocyte contraction by 4-hydroxy-trans-2-nonenal.

Absorption, distribution, metabolism and excretion of 4-chloro-2-methylphenoxyacetic acid (MCPA) in rats.

Recruitment of thyroid hormone receptor/retinoblastoma-interacting protein 230 by the aryl hydrocarbon receptor nuclear translocator is required for the transcriptional response to both dioxin and hypoxia.

The assessment of the viability of the endospores of *Rhinosporidium seeberi* with MTT (3-[4, 5-dimethyl-2-thiazolyl]-2, 5-diphenyl-2H-tetrazolium bromide).

Disruption of estrogen-regulated gene expression by dioxin: downregulation of a gene associated with the onset of non-insulin-dependent diabetes mellitus (type 2 diabetes).

Magnification and toxicity of PCBs, PCDDs, and PCDFs in upriver-migrating Pacific salmon.

Impairment of small intestinal protein assimilation in patients with end-stage renal disease: extending the malnutrition-inflammation-atherosclerosis concept.

Uptake of inorganic and organic derivatives of arsenic associated with induced cytotoxic and genotoxic effects in Chinese hamster ovary (CHO) cells.

[Treatment of disorders of iron metabolism].

The potential role of NaFeEDTA as an iron fortificant.

Cancer cluster investigations: use of a hybrid approach in a rural county.

Design and synthesis of highly potent and selective (2-arylcarbamoyl-phenoxy)-acetic acid inhibitors of aldose reductase for treatment of chronic diabetic complications.

Evaluation of relative potencies of PCB126 and PCB169 for the immunotoxicities in ovalbumin (OVA)-immunized mice.

Effects of TGF-beta, TNF-alpha, IL-beta and IL-6 alone or in combination, and tyrosine kinase inhibitor on cyclooxygenase expression, prostaglandin E2 production and bone resorption in mouse calvarial bone cells.

The putative glutamate receptor 1.1 (AtGLR1.1) in *Arabidopsis thaliana* regulates abscisic acid biosynthesis and signaling to control development and water loss.

Dying to be thin: a dinitrophenol related fatality.

Ex vivo evaluation of erythrocytosis-enhanced platelet thrombus formation using the cone and plate(let) analyzer: effect of platelet antagonists.

Women and omega-3 Fatty acids.

Breast cancer incidence and its possible spatial association with pesticide application in two counties of England.

Modulation of aryl hydrocarbon receptor-regulated gene expression by arsenite, cadmium, and chromium.

Lack of effects of postnatal exposure to a mixture of aryl hydrocarbon-receptor agonists on the development of methylnitrosourea-induced mammary tumors in sprague-dawley rats.

A chronic Alzheimer's model evoked by mitochondrial poison sodium azide for pharmacological investigations.

Significant association between nonsyndromic oral clefts and arylhydrocarbon receptor nuclear translocator (ARNT).

Protective effects of vitamin A and vitamin E succinate against 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced body wasting, hepatomegaly, thymic atrophy, production of reactive oxygen species and DNA damage in C57BL/6J mice.

Role of estrogen receptor in regulation of polycyclic aromatic hydrocarbon metabolic activation in lung.

Metabonomic investigations in mice infected with *Schistosoma mansoni*: an approach for biomarker identification.

Molecular mechanisms of alcoholic fatty liver: role of sterol regulatory element-binding proteins.

[Toxic effect of arsenite on the expression of liver multidrug resistance-associated protein 2 in rat].

Male reproductive toxicity of sodium arsenite in mice.

Histomorphometric alteration and cell-type specific modulation of arylhydrocarbon receptor and estrogen receptor expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin and 17beta-estradiol in mouse experimental model of endometriosis.

The accumulation and toxicity of methylated arsenicals in endothelial cells: important roles of thiol compounds.

Evidence that arsenite acts as a cocarcinogen in skin cancer.

Animal models for arsenic carcinogenesis: inorganic arsenic is a transplacental carcinogen in mice.

Understanding arsenic carcinogenicity by the use of animal models.

Proteomic response to amino acid starvation in *Candida albicans* and *Saccharomyces cerevisiae*.

Expression, purification, and C-terminal amidation of recombinant human glucagon-like peptide-1.

The topical application of 2,3,7,8-tetrachlorodibenzo-p-dioxin lacks skin tumor-promoting potency but induces hepatic injury and tumor necrosis factor-alpha expression in ICR male mice.

Mechanism of hepatic insulin resistance in non-alcoholic fatty liver disease.

The Ah receptor inhibits estrogen-induced estrogen receptor beta in breast cancer cells.

A constitutively active dioxin/aryl hydrocarbon receptor promotes hepatocarcinogenesis in mice.

In utero effects of chemicals on reproductive tissues in females.

Dioxin alters the human low-density and very low-density lipoprotein structure with evidence for specific quenching of Trp-48 in apolipoprotein C-II.

Aromatic hydrocarbon receptor status in the metabolism of xenobiotics under normal and pathophysiological conditions.

Contaminant effects on the teleost fish thyroid.

Intravesical resiniferatoxin decreases spinal c-fos expression and increases bladder volume to reflex micturition in rats with chronic inflamed urinary bladders.

Functional characterization of malignant hyperthermia-associated RyR1 mutations in exon 44, using the human myotube model.

Expression of hypothalamic neuropeptides after acute TCDD treatment and distribution of Ah receptor repressor.

SUR2A C-terminal fragments reduce KATP currents and ischaemic tolerance of rat cardiac myocytes.

Endocrine disrupting pesticides: a leading cause of cancer among rural people in Pakistan.

Effects of cyclooxygenase-2 antisense vector on proliferation of human cholangiocarcinoma cells.

Exocrine pancreatic pathology in female Harlan Sprague-Dawley rats after chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like compounds.

Mechanisms underlying arsenic carcinogenesis: hypersensitivity of mice exposed to inorganic arsenic during gestation.

The dioxin-like pollutant PCB 126 (3,3',4,4',5-pentachlorobiphenyl) affects risk factors for cardiovascular disease in female rats.

NTP toxicology and carcinogenesis studies of triethanolamine (Cas No. 102-71-6) in B6C3F1 mice (dermal studies).

Hexachlorobenzene, a dioxin-like compound, disrupts auditory function in rat.

Cyp1a1(-/-) male mice: protection against high-dose TCDD-induced lethality and wasting syndrome, and resistance to intrahepatocyte lipid accumulation and uroporphyrinuria.

BMK1 is activated in glomeruli of diabetic rats and in mesangial cells by high glucose conditions.

Crystal structure of protoporphyrinogen IX oxidase: a key enzyme in haem and chlorophyll biosynthesis.

Patent ductus venosus and dioxin resistance in mice harboring a hypomorphic Arnt allele.

First evidence of endocrine disruption in feral carp from the Ebro River.

Reduction of androgen receptor expression by benzo[alpha]pyrene and 7,8-dihydro-9,10-epoxy-7,8,9,10-tetrahydrobenzo[alpha]pyrene in human lung cells.

Role of mediator in transcriptional activation by the aryl hydrocarbon receptor.

Treating obesity: pharmacology of energy expenditure.

Association of liver hemangiosarcoma and secondary iron overload in B6C3F1 mice--the National Toxicology Program experience.

Breast cancer and environmental risks: where is the link?

In utero pesticide exposure, maternal paraoxonase activity, and head circumference.

Rat models of dementia based on reductions in regional glucose metabolism, cerebral blood flow and cytochrome oxidase activity.

Epithelia under metabolic stress perceive commensal bacteria as a threat.

Tissue-specific effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the activity of 5'-deiodinases I and II in rats.

Modulation of AhR-mediated CYP1A1 mRNA and EROD activities by 17beta-estradiol and dexamethasone in TCDD-induced H411E cells.

Phthalate ester-induced gubernacular lesions are associated with reduced insl3 gene expression in the fetal rat testis.

Interaction between genetic polymorphism of cytochrome P450-1B1 and environmental pollutants in breast cancer risk.

Intra-strain dioxin sensitivity and morphometric effects in swim-up rainbow trout (*Oncorhynchus mykiss*).

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on fatty acid availability and neural tube formation in cynomolgus macaque, *Macaca fascicularis*.

The nematode *Caenorhabditis elegans* as a model of organophosphate-induced mammalian neurotoxicity.

Protective effects of ursodeoxycholic acid against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced testicular damage in mice.

Effects of odd-numbered medium-chain fatty acids on the accumulation of long-chain 3-hydroxy-fatty acids in long-chain L-3-hydroxyacyl CoA dehydrogenase and mitochondrial trifunctional protein deficient skin fibroblasts.

A comparison of human H295R and rat R2C cell lines as in vitro screening tools for effects on aromatase.

Comparison of the hemolytic activity of isopropoxyethanol and phenoxyethanol.

Liquid growth hormone: preservatives and buffers.

Activation of inflammatory mediators and potential role of ah-receptor ligands in foam cell formation.

Physiological and morphological changes in autolyzing *Aspergillus nidulans* cultures.

Aryl hydrocarbon receptor-mediated inhibition of LNCaP prostate cancer cell growth and hormone-induced transactivation.

Metallic taste and retronasal smell.

Metabolic activation of polycyclic aromatic hydrocarbons to carcinogens by cytochromes P450 1A1 and 1B1.

Follicular epithelial cell hypertrophy induced by chronic oral administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Harlan Sprague-Dawley rats.

Induction of tumors of the liver, lung, ovary and adrenal in adult mice after brief maternal gestational exposure to inorganic arsenic: promotional effects of postnatal phorbol ester exposure on hepatic and pulmonary, but not dermal cancers.

Role of stromal-epithelial interactions in hormonal responses.

Effects of endocrine disrupters on sex steroid synthesis and metabolism pathways in fish.

Metabolism of polychlorinated dibenzo-p-dioxins by cytochrome P450 BM-3 and its mutant.

Brain catalase activity inhibition as well as opioid receptor antagonism increases ethanol-induced HPA axis activation.

Disruption of rapid, nongenomic steroid actions by environmental chemicals: interference with progestin stimulation of sperm motility in Atlantic croaker.

Characteristics of 3,5,3'-triiodothyronine (T3)-uptake system of tadpole red blood cells: effect of endocrine-disrupting chemicals on cellular T3 response.

Occurrence and transport of Irgarol 1051 and its major metabolite in coastal waters from South Florida.

Olfactory mucosal toxicity screening and multivariate QSAR modeling for chlorinated benzene derivatives.

Human bronchial smooth muscle cell proliferation via thromboxane A2 receptor.

Higher respiratory activity decreases mitochondrial reactive oxygen release and increases life span in *Saccharomyces cerevisiae*.

Regulatory role of dADAR in ROS metabolism in *Drosophila* CNS.

Gestational exposure of Ahr and Arnt hypomorphs to dioxin rescues vascular development.

Analysis of endocrine disrupting alkylphenols, chlorophenols and bisphenol-A using hollow fiber-protected liquid-phase microextraction coupled with injection port-derivatization gas chromatography-mass spectrometry.

Determination of weakly acidic endocrine-disrupting compounds by liquid chromatography-mass spectrometry with post-column base addition.

Src tyrosine kinase regulates CYP17 expression and androstenedione secretion in theca-enriched mouse ovarian cells.

[Effects of cytokinin preparations on the stability of the photosynthetic apparatus of two wheat cultivars under water deficiency].

Potential roles of the aryl hydrocarbon receptor in female reproductive senescence.

Down regulation of hepatic PPARalpha function by AhR ligand.

Strain-specific of alachlor on murine olfactory mucosal responses.

Acetate threshold concentrations suggest varying energy requirements during anaerobic respiration by *Anaeromyxobacter dehalogenans*.

Alpha-tocotrienol provides the most potent neuroprotection among vitamin E analogs on cultured striatal neurons.

Functional characterization of the carrier-mediated transport system for glycerol in everted sacs of the rat small intestine.

Rgg regulates growth phase-dependent expression of proteins associated with secondary metabolism and stress in *Streptococcus pyogenes*.

Determination of 4-amino-m-cresol and 5-amino-o-cresol and metabolites in human keratinocytes (HaCaT) by high-performance liquid chromatography with DAD and MS detection.

Determination of icariin and metabolites in rat serum by capillary zone electrophoresis: rat pharmacokinetic studies after administration of icariin.

Histologic changes in thyroid glands from great cormorant (*Phalacrocorax carbo*) in Tokyo Bay, Japan: possible association with environmental contaminants.

Comparison of metabolic oscillations from mouse pancreatic beta cells and islets.

Overexpression of short heterodimer partner recovers impaired glucose-stimulated insulin secretion of pancreatic beta-cells overexpressing UCP2.

Prolonged exercise to fatigue in humans impairs skeletal muscle Na⁺-K⁺-ATPase activity, sarcoplasmic reticulum Ca²⁺ release, and Ca²⁺ uptake.

Hydroxylated and methyl sulfone PCB metabolites in adipose and whole blood of polar bear (*Ursus maritimus*) from East Greenland.

Semiochemistry of the goldeneyed lacewing *Chrysopa oculata*: attraction of males to a male-produced pheromone.

Direct differentiation of somatic embryos on different regions of intact seedlings of *Azadirachta* in response to thidiazuron.

The in vivo use of the stable isotope-labelled biomarkers lactose-[¹⁵N]ureide and [²H₄]tyrosine to assess the effects of pro- and prebiotics on the intestinal flora of healthy human volunteers.

Analysis of HO-PCBs and PCP in blood plasma from individuals with high PCB exposure living on the Chukotka Peninsula in the Russian Arctic.

Identification of the growth hormone-releasing peptide binding site in CD36: a photoaffinity cross-linking study.

Effects of beta-naphthoflavone, phenobarbital and dichlobenil on the drug-metabolizing system of liver and nasal mucosa of Italian water frogs.

Transcriptional regulation of cyclooxygenase-2 gene in pancreatic beta-cells.

Interleukin-1 inhibits voltage-dependent P/Q-type Ca²⁺ channel associated with the inhibition of the rise of intracellular free Ca²⁺ concentration and catecholamine release in adrenal chromaffin cells.

Avian exocrine secretions. I. Chemical characterization of the volatile fraction of the uropygial secretion of the green woodhoopoe, *Phoeniculus purpureus*.

Myocardial oxygen demand and redox state affect fatty acid oxidation in the potassium-arrested heart.

A novel mechanism of regulation of cardiac contractility by mitochondrial functional state.

Sequential metabolism of 2,3,7-trichlorodibenzo-p-dioxin (2,3,7-triCDD) by cytochrome P450 and UDP-glucuronosyltransferase in human liver microsomes.

Exponential modeling, washout curve reconstruction, and estimation of half-life of toluene and its metabolites.

Toxicokinetics of PCDD, PCDF, and coplanar PCB congeners in Baikal seals, *Pusa sibirica*: age-related accumulation, maternal transfer, and hepatic sequestration.

Determination of aldicarb, carbofuran and some of their main metabolites in groundwater by application of micellar electrokinetic capillary chromatography with diode-array detection and solid-phase extraction.

Dimethylthioarsenicals as arsenic metabolites and their chemical preparations.

Transport of deslorelin, an LHRH agonist, is vectorial and exhibits regional variation in excised bovine nasal tissue.

Metabolic fate of [14C]-2,4-dichlorophenol in macrophytes.

Fluorescence spectroscopic detection of mitochondrial flavoprotein redox oscillations and transient reduction of the NADPH oxidase-associated flavoprotein in leukocytes.

Some polybrominated diphenyl ether (PBDE) flame retardants with wide environmental distribution inhibit TCDD-induced EROD activity in primary cultured carp (*Cyprinus carpio*) hepatocytes.

Rapid analysis of antimicrobial metabolites monoacetylphloroglucinol and 2,4-diacetylphloroglucinol using capillary zone electrophoresis.

Platelet-derived growth factor-induced arachidonic acid release for enhancement of prostaglandin E(2) synthesis in human gingival fibroblasts pretreated with interleukin-1beta.

D-mannose transport and metabolism in isolated enterocytes.

Conductometric tyrosinase biosensor for the detection of diuron, atrazine and its main metabolites.

Aryl hydrocarbon receptor-mediated induction of microsomal drug-metabolizing enzyme activity by indirubin and indigo.

Studies on the metabolism and the toxicological analysis of the nootropic drug fipexide in rat urine using gas chromatography-mass spectrometry.

Cytochrome P450-dependent toxicity of environmental polycyclic aromatic hydrocarbons towards human macrophages.

The aryl hydrocarbon receptor-mediated disruption of vitellogenin synthesis in the fish liver: Cross-talk between AHR- and ERalpha-signalling pathways.

[Effect of zenkor on the amount of glucose and activity of gluconeogenesis enzymes in carp's (*Cyprinus carpio* L.) tissues at different temperatures].

Pharmacokinetic analysis of factors determining elimination pathways for sulfate and glucuronide metabolites of xenobiotics. III: mechanisms for sinusoidal efflux of 4-methylumbelliferone sulfate.

Involvement of P-glycoprotein in the transport of saquinavir and indinavir in rat brain microvessel endothelial and microglia cell lines.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on maternal immune response during pregnancy.

Use of genetically manipulated *Salmonella typhimurium* strains to evaluate the role of sulfotransferases and acetyltransferases in nitrofen mutagenicity.

Sphingomonas sp. strain SB5 degrades carbofuran to a new metabolite by hydrolysis at the furanyl ring.

Static magnetic fields-induced bone sialoprotein (BSP) expression is mediated through FGF2 response element and pituitary-specific transcription factor-1 motif.

Chlorophenol production by anaerobic microorganisms: transformation of a biogenic chlorinated hydroquinone metabolite.

Enhancing effect of the endocrine disruptor para-nonylphenol on the generation of reactive oxygen species in human blood neutrophils.

Screening for estrogen and androgen receptor activities in 200 pesticides by in vitro reporter gene assays using Chinese hamster ovary cells.

Glutathione-S-transferase A4-4 modulates oxidative stress in endothelium: possible role in human atherosclerosis.

Modulation of in vitro fungicidal activity of human lactoferrin against Candida albicans by extracellular cation concentration and target cell metabolic activity.

CYP1A2 is not required for 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immunosuppression.

Regulation of mitochondrial energy production in cardiac cells of rainbow trout (*Oncorhynchus mykiss*).

A novel effect of dioxin: exposure during pregnancy severely impairs mammary gland differentiation.

Cell-based assay for the detection of chemically induced cellular stress by immortalized untransformed transgenic hepatocytes.

Determination of dithiocarbamates and metabolites in plants by liquid chromatography-mass spectrometry.

The effect of *Smallanthus sonchifolius* leaf extracts on rat hepatic metabolism.

Quantitative analysis of cresol and its metabolites in biological materials and distribution in rats after oral administration.

Antimutagenicity of herbal detoxification formula Smoke Shield against environmental mutagens.

Nucleotidase activities in membrane preparations of nervous ganglia and digestive gland of the snail *Helix aspersa*.

Benzylmercapturic acid is superior to hippuric acid and o-cresol as a urinary marker of occupational exposure to toluene.

Combined screening of thymocytes using apoptosis-specific cDNA array and promoter analysis yields novel gene targets mediating TCDD-induced toxicity.

Evidence for induction of apoptosis in T cells from murine fetal thymus following perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Perinatal dioxin exposure and later effects--a review.

Overexpression of latent transforming growth factor-beta binding protein 1 (LTBP-1) in dioxin receptor-null mouse embryo fibroblasts.

Characterization of the adrenal-specific antigen IZA (inner zone antigen) and its role in the steroidogenesis.

A comparative study on the effects of 2,3,7,8,-tetrachlorodibenzo-p-dioxin polychlorinated biphenyl126 and estrogen in human bronchial epithelial cells.

Impact of mitochondrial inhibition on excitability and cytosolic Ca²⁺ levels in brainstem motoneurons from mouse.

Formation and urinary excretion of arsenic triglutathione and methylarsenic diglutathione.

Physiological role of mGSTA4-4, a glutathione S-transferase metabolizing 4-hydroxynonenal: generation and analysis of mGsta4 null mouse.

2,3,7,8-tetrachlorodibenzo-p-dioxin augments the modulation of gene expression mediated by the thyroid hormone receptor.

DNA adduct formation in precision-cut rat liver and lung slices exposed to benzo[a]pyrene.

Substrate specificities and electron paramagnetic resonance properties of benzylsuccinate synthases in anaerobic toluene and m-xylene metabolism.

Potential of carbon tetrachloride hepatotoxicity and lethality in type 2 diabetic rats.

Effects of acute postnatal exposure to 3,3',4,4'-tetrachlorobiphenyl on sperm function and hormone levels in adult rats.

Recombinant human estrogen, androgen and progesterone receptors for detection of potential endocrine disruptors.

Using a linked soil model emulator and unsaturated zone leaching model to account for preferential flow when assessing the spatially distributed risk of pesticide leaching to groundwater in England and Wales.

Effect of insulin-like growth factor-1 and 2,3,7,8-tetrachlorodibenzo-p-dioxin on the expression of luteinizing hormone receptors in cultured granulosa cells.

A chronic implant to record electroretinogram, visual evoked potentials and oscillatory potentials in awake, freely moving rats for pharmacological studies.

Gene expression profiles of mouse aorta and cultured vascular smooth muscle cells differ widely, yet show common responses to dioxin exposure.

Update on olfactory mucosal metabolic enzymes: age-related changes and N-acetyltransferase activities.

Nitric oxide and platelet energy metabolism.

Toxicity, histopathological alterations and immunohistochemical CYP1A induction in the early life stages of the seabream, *Sparus aurata*, following waterborne exposure to B(a)P and TCDD.

A comparison of callus induction and plant regeneration from different embryo explants of triticale (x *Triticosecale wittmack*).

Different global gene expression profiles in benzo[a]pyrene- and dioxin-treated vascular smooth muscle cells of AHR-knockout and wild-type mice.

Thermochemical characteristics of 2,4-dichlorophenol degrading strain *Pseudomonas* GT241-1 of growth metabolism by microcalorimetry.

Toxicokinetic and genomic analysis of chronic arsenic exposure in multidrug-resistance *mdr1a/1b*(-/-) double knockout mice.

Infiltration of acetochlor and two of its metabolites in two contrasting soils.

Toxicological profiling of sediments using in vitro bioassays, with emphasis on endocrine disruption.

Transport of ^{99m}Tc-MAG3 via rat renal organic anion transporter 1.

Expression of genes in the TGF-beta signaling pathway is significantly deregulated in smooth muscle cells from aorta of aryl hydrocarbon receptor knockout mice.

The olivacine derivative **s 16020** (9-hydroxy-5,6-dimethyl-N-[2-(dimethylamino)ethyl]-6H-pyrido(4,3-B)-carbazole-1-carboxamide) induces CYP1A and its own metabolism in human hepatocytes in primary culture.

Induction of murine NAD(P)H:quinone oxidoreductase by 2,3,7,8-tetrachlorodibenzo-p-dioxin requires the CNC (cap 'n' collar) basic leucine zipper transcription factor Nrf2 (nuclear factor erythroid 2-related factor 2): cross-interaction between AhR (aryl hydrocarbon receptor) and Nrf2 signal transduction.

Biophysical properties and metabolic regulation of a TASK-like potassium channel in rat carotid body type 1 cells.

Loss of pre-B and IgM(+) B cells in the bone marrow after exposure to a mixture of herbicides.

Effects of environmental estrogenic compounds on growth of a transplanted estrogen responsive pituitary tumor cell line in rats.

Developmental atrazine exposure suppresses immune function in male, but not female Sprague-Dawley rats.

Development, registration and commercialization of microbial pesticides for plant protection.

Changes in mitochondrial electron partitioning in response to herbicides inhibiting branched-chain amino acid biosynthesis in soybean.

Pubertal development in female Wistar rats following exposure to propazine and atrazine biotransformation by-products, diamino-S-chlorotriazine and hydroxyatrazine.

Assessing the impact of triazine herbicides on organophosphate insecticide toxicity to the earthworm *Eisenia fetida*.

Energization of *Comamonas testosteroni* ATCC 17454 for indicating toxic effects of chlorophenoxy herbicides.

Characterization of the stimulating effect of low-dose stressors in maize and bean seedlings.

Modeling and predicting immunological effects of chemical stressors: characterization of a quantitative biomarker for immunological changes caused by atrazine and ethanol.

The Metropolitan Atlanta Congenital Defects Program: 35 years of birth defects surveillance at the Centers for Disease Control and Prevention.

Use of biosensors to screen urine samples for potentially toxic chemicals.

Caspase-3 dependent proteolytic activation of protein kinase C delta mediates and regulates 1-methyl-4-phenylpyridinium (MPP+)-induced apoptotic cell death in dopaminergic cells: relevance to oxidative stress in dopaminergic degeneration.

Toxic nephropathy: environmental chemicals.

Toxicity of cadmium, endosulfan, and atrazine in adrenal steroidogenic cells of two amphibian species, *Xenopus laevis* and *Rana catesbeiana*.

Drosophila Cu,Zn superoxide dismutase gene confers resistance to paraquat in *Escherichia coli*.

Fatal overdose of the herbicide bentazone.

Effects of 2,4-D and its metabolite 2,4-dichlorophenol on antioxidant enzymes and level of glutathione in human erythrocytes.

Comparative metabolism of 2,4-dichlorophenoxyacetic acid (2,4-D) in rat and dog.

Food as a source of dioxin exposure in the residents of Bien Hoa City, Vietnam.

Age-related irreversible progressive nigrostriatal dopaminergic neurotoxicity in the paraquat and maneb model of the Parkinson's disease phenotype.

Protective roles of mitochondrial manganese-containing superoxide dismutase against various stresses in *Candida albicans*.

The herbicide metolachlor induces liver cytochrome P450s 2B1/2 and 3A1/2, but not thyroxine-uridine dinucleotide phosphate glucuronosyltransferase and associated thyroid gland activity.

Impact of Agent Orange exposure among Korean Vietnam veterans.

A toxicity view of the pesticide picloram when immobilized onto a silica gel surface.

The herbicide dicamba (2-methoxy-3,6-dichlorobenzoic acid) interacts with mitochondrial bioenergetic functions.

Immune alterations in mice exposed to the herbicide simazine.

Determination of the immunotoxic potential of pesticides on functional activity of sheep leukocytes in vitro.

Changes in the fatty acid composition and hydroxyproline content in rat lung in relation to collagen synthesis after paraquat administration.

Experimental hepatic uroporphyrinemia induced by the diphenyl-ether herbicide fomesafen in male DBA/2 mice.

A review of the genotoxicity of triallate.

Serum 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) levels and thyroid function in Air Force veterans of the Vietnam War.

Toxicokinetics of organic contaminants in *Hyalella azteca*.

Identification and quantitation of xenobiotics by ¹H NMR spectroscopy in poisoning cases.

Determination of the herbicide glyphosate and its metabolite in biological specimens by gas chromatography-mass spectrometry. A case of poisoning by roundup herbicide.

Cancer and developmental exposure to endocrine disruptors.

Skin tumor-promoting potential and systemic effects of pentachlorophenol and its major metabolite tetrachlorohydroquinone in CD-1 Mice.

Fatty acid elongation is important in the activity of thiocarbamate herbicides and in safening by dichlormid.

Mortality among triazine herbicide manufacturing workers.

Fatal acute poisoning by bentazon.

In vitro studies on the chemical reactivity of 2,4-dichlorophenoxyacetyl-S-acyl-CoA thioester.

Cinnamic compound metabolism in human skin and the role metabolism may play in determining relative sensitisation potency.

Sublethal energetic responses by *Pisidium amnicum* (Bivalvia) exposed to pentachlorophenol at two temperatures.

Oxidative stress as a possible mode of action for arsenic carcinogenesis.

Paraquat and menadione exposure of rainbow trout (*Oncorhynchus mykiss*)--studies of effects on the pentose-phosphate shunt and thiamine levels in liver and kidney.

Detection and quantitation of xenobiotics in biological fluids by ¹H NMR spectroscopy.

Overexpression of CYP2D6 attenuates the toxicity of MPP⁺ in actively dividing and differentiated PC12 cells.

[Comparative analysis of disorders in duodenal lymphoid tissue of mice treated with azathioprine and herbicide 2,4-dichlorophenoxyacetic acid and their correction by plant and animal origin remedies].

Pentachlorophenol poisoning.

The mitochondrial complex I inhibitor annonacin is toxic to mesencephalic dopaminergic neurons by impairment of energy metabolism.

Causes of phytotoxicity of metsulfuron-methyl bound residues in soil.

Quantitation of aberrant interlocus T-cell receptor rearrangements in mouse thymocytes and the effect of the herbicide 2,4-dichlorophenoxyacetic acid.

[Paraquat intoxication].

Comparative effects of herbicide dicamba and related compound on plant mitochondrial bioenergetics.

[The agrochemical arsenal versus the enemies of plants. General considerations].

Damage to the erythrocyte membrane caused by chlorophenoxyacetic herbicides.

The role of herbicides in the erosion of salt marshes in eastern England.

Ischemic insult exacerbates acrolein-induced conduction loss and axonal membrane disruption in guinea pig spinal cord white matter.

Formation of acrolein-derived 2'-deoxyadenosine adduct in an iron-induced carcinogenesis model.

Preferential megalin-mediated transcytosis of low-hormonogenic thyroglobulin: a control mechanism for thyroid hormone release.

Lack of modifying effects of atrazine and/or tamoxifen on thyroid carcinogenesis in rats pretreated with N-bis(2-hydroxypropyl)nitrosamine (DHPN).

Effects of dietary folate intake and folate binding protein-1 (Folbp1) on urinary speciation of sodium arsenate in mice.

[Effect of guizhi tang and its active components on the fever induced by EP3 agonist].

Alpha-tocopherol content and alpha-tocopherol transfer protein expression in leukocytes of children with acute leukemia.

Formation of advanced glycosylation end products and oxidative stress in young patients with type 1 diabetes.

Active arsenic species produced by GSH-dependent reduction of dimethylarsinic acid cause micronuclei formation in peripheral reticulocytes of mice.

Modulation of benzo[a]pyrene-induced p53 DNA activity by acrolein.

Persistence and prevention of aluminium- and paraquat-induced adaptive response to methyl mercuric chloride in plant cells in vivo.

Effects of dietary essential oil components on growth performance, digestive enzymes and lipid metabolism in female broiler chickens.

Paraquat induces long-lasting dopamine overflow through the excitotoxic pathway in the striatum of freely moving rats.

In vitro activity of dimethylarsinic acid against human leukemia and multiple myeloma cell lines.

Oxidative stress and altered antioxidant defenses in children with acute exacerbation of atopic dermatitis.

Acrolein produced from polyamines as one of the uraemic toxins.

Diabetes mellitus and 2,3,7,8-tetrachlorodibenzo-p-dioxin elimination in veterans of Operation Ranch Hand.

Increased urinary levels of pentosidine, pyrroline and acrolein adduct in type 2 diabetes.

Ectopic expression of catalase in *Drosophila* mitochondria increases stress resistance but not longevity.

Asymmetrical development of the monoamine systems in 2,4-dichlorophenoxyacetic acid treated rats.

Analytical method for the determination of atrazine and its dealkylated chlorotriazine metabolites in water using SPE sample preparation and GC-MSD analysis.

[Effects of different water, fertility, and light conditions on allelopathic traits of rice].

[Ultracytochemical localization of calcium and ATPase activity on the 2,4-D induced somatic embryogenesis of *Lycium barbarum* L].

Interactions of paraquat and triadimefon: behavioral and neurochemical effects.

Biological activity of pentachlorophenol on the digestive gland cells of the freshwater mussel *Unio tumidus*.

Infiltration and adsorption of dissolved atrazine and atrazine metabolites in buffalograss filter strips.

Quantitative identification of atrazine and its chlorinated metabolites in plasma.

Role of glutathione redox cycle and catalase in defense against oxidative stress induced by endosulfan in adrenocortical cells of rainbow trout (*Oncorhynchus mykiss*).

The effect of endocrine disrupting chemicals on thyroid hormone binding to Japanese quail transthyretin and thyroid hormone receptor.

Cyclohexanedione herbicides are inhibitors of rat heart acetyl-CoA carboxylase.

Current internal exposure to pesticides in children and adolescents in Germany: blood plasma levels of pentachlorophenol (PCP), lindane (gamma-HCH), and dichloro(diphenyl)ethylene (DDE), a biostable metabolite of dichloro(diphenyl)trichloroethane (DDT).

Impact of the herbicides 2,4-D and diuron on the metabolism of the coral *Porites cylindrica*.

Toxicokinetics, recovery, and metabolism of metamitron in goat.

Accumulation and metabolism of arsenic in mice after repeated oral administration of arsenate.

Stream transport of herbicides and metabolites in a tile-drained, agricultural watershed.

Urinary sulfur-containing metabolite produced by intestinal bacteria following oral administration of dimethylarsinic acid to rats.

Tissue-specific expression and localization of safener-induced glutathione S-transferase proteins in *Triticum tauschii*.

Induction of phenylalanine ammonia-lyase gene expression by paraquat and stress-related hormones in *Rehmannia glutinosa*.

Thermal and metabolic factors affecting bioaccumulation of triazine herbicides by rainbow trout (*Oncorhynchus mykiss*).

Comparative toxicity of ifosfamide metabolites and protective effect of mesna and amifostine in cultured renal tubule cells.

Mineralization of soil-aged isoproturon and isoproturon metabolites by *Sphingomonas* sp. strain SRS2.

Human prenatal and postnatal exposure to polybrominated diphenyl ethers, polychlorinated biphenyls, polychlorobiphenyls, and pentachlorophenol.

Synergistic antimicrobial activity of metabolites produced by a nonobligate bacterial predator.

Acetylation of histone H3 at lysine 9 by ethanol in rat hepatocytes.

Arabidopsis mutants in short- and medium-chain acyl-CoA oxidase activities accumulate acyl-CoAs and reveal that fatty acid beta-oxidation is essential for embryo development.

Induction of phase 2 enzymes by serum oxidized polyamines through activation of Nrf2: effect of the polyamine metabolite acrolein.

Sorption-desorption of two "aged" sulfonaminocarbonyltriazolinone herbicide metabolites in soil.

Variability in human metabolism of arsenic.

Rapid, noninvasive screening for perturbations of metabolism and plant growth using chlorophyll fluorescence imaging.

Induction of oxidative DNA damage by arsenite and its trivalent and pentavalent methylated metabolites in cultured human cells and isolated DNA.

Histamine-immunoreactive neurons of the tuberomammillary nucleus are innervated by alpha-melanocyte stimulating hormone-containing axons. Generation of a new histamine antiserum for ultrastructural studies.

Sorption and dialysis experiments to assess the binding of phenolic xenobiotics to dissolved organic matter in soil.

Working weeds. A German company develops a way to peek into plant metabolism.

Solid-phase extraction and sample stacking-micellar electrokinetic capillary chromatography for the determination of multiresidues of herbicides and metabolites.

Condensation nucleation light scattering detection with ion chromatography for direct determination of glyphosate and its metabolite in water.

High-frequency somatic embryo production and maturation into normal plants in cotton (*Gossypium hirsutum*) through metabolic stress.

[Extracellular protein metabolite of *Luteococcus japonicus* subsp. *casei* reactivates cells subjected to oxidative stress].

Malate metabolism and reactions of oxidoreduction in cold-hardened winter rye (*Secale cereale* L.) leaves.

Metabonomics classifies pathways affected by bioactive compounds. Artificial neural network classification of NMR spectra of plant extracts.

Altered Cu metabolism and differential transcription of Cu/ZnSOD genes in a Cu/ZnSOD-deficient mutant of maize: evidence for a Cu-responsive transcription factor.

Determination of herbicides and a metabolite in human urine by liquid chromatography-electrospray ionization mass spectrometry.

Induction of cellular glutathione and glutathione S-transferase by 3H-1,2-dithiole-3-thione in rat aortic smooth muscle A10 cells: protection against acrolein-induced toxicity.

Dose-dependent biotransformation of arsenite in rats--not S-adenosylmethionine depletion impairs arsenic methylation at high dose.

Aerobic soil metabolism of a new herbicide, LGC-42153.

Inhibition of succinic semialdehyde dehydrogenase activity by alkenal products of lipid peroxidation.

Hepatocyte metabolism of coenzyme Q1 (ubiquinone-5) to its sulfate conjugate decreases its antioxidant activity.

In vitro human phase I metabolism of xenobiotics I: pesticides and related compounds used in agriculture and public health, May 2003.

Mineralization, metabolism and formation of non-extractable residues of ¹⁴C-labelled organic contaminants during pilot-scale composting of municipal biowaste.

Cyclic, pseudocyclic and noncyclic photophosphorylation: new links in the chain.

Exposure to indoor pesticides during pregnancy in a multiethnic, urban cohort.

Induction of glutathione S-transferase placental form positive foci in liver and epithelial hyperplasia in urinary bladder, but no tumor development in male Fischer 344 rats treated with monomethylarsonic acid for 104 weeks.

Transient induction of cytochromes P450 1A1 and 1B1 in MCF-7 human breast cancer cells by indirubin.

Fish tolerance to organophosphate-induced oxidative stress is dependent on the glutathione metabolism and enhanced by N-acetylcysteine.

Cell-transforming activity of fourteen chemical agents used in dental practice in Syrian hamster embryo cells.

The efficacy of tyrosine kinase inhibitors on human pancreatic cancer cell lines.

Evidence for impaired assimilation of protein in chronic renal failure.

Insulin regulation in AhR-null mice: embryonic cardiac enlargement, neonatal macrosomia, and altered insulin regulation and response in pregnant and aging AhR-null females.

Estrogen regulates Ah responsiveness in MCF-7 breast cancer cells.

Effects of mitochondrial inhibitors and uncouplers on hypoxic vasoconstriction in rabbit lungs.

Dioxin/polychlorinated biphenyl body burden, diabetes and endometriosis: findings in a population-based study in Belgium.

Human health concerns with GM crops.

Pathophysiology of the optic neuropathy associated with Friedreich ataxia.

Measurement of pesticides and other toxicants in amniotic fluid as a potential biomarker of prenatal exposure: a validation study.

Cell proliferation arrest within intrathymic lymphocyte progenitor cells causes thymic atrophy mediated by the aryl hydrocarbon receptor.

Measurement of plasma hydroperoxide concentration by FOX-1 assay in conjunction with triphenylphosphine.

Actin glutathionylation increases in fibroblasts of patients with Friedreich's ataxia: a potential role in the pathogenesis of the disease.

T cell-specific disruption of arylhydrocarbon receptor nuclear translocator (Arnt) gene causes resistance to 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced thymic involution.

Cellular heparan sulfate participates in the metabolism of prions.

Cellular uptake and metabolism of DNA frayed wires.

Systemic effects and skin injury after experimental dermal exposure to monochloroacetic acid.

Protein-bound uremic retention solutes.

[Development of GC/MS library for analyzing pesticides and drugs].

Tribromophenol induces the differentiation of SH-SY5Y human neuroblastoma cells in vitro.

FLT3 expressing leukemias are selectively sensitive to inhibitors of the molecular chaperone heat shock protein 90 through destabilization of signal transduction-associated kinases.

Specific in vivo binding to the norepinephrine transporter demonstrated with the PET radioligand, (S,S)-[11C]MeNER.

Comparative kinetics of the uremic toxin p-cresol versus creatinine in rats with and without renal failure.

Fatty acid metabolism in neonatal chickens (*Gallus domesticus*) treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) or 3,3',4,4',5-pentachlorobiphenyl (PCB-126) in ovo.

Embryonic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in chickens: effects of dose and embryonic stage on hatchability and growth.

The effect of ingestion of ferrous sulfate on the absorption of oral methotrexate in patients with rheumatoid arthritis.

Semen quality in relation to biomarkers of pesticide exposure.

Contribution of the Ah receptor to the phenolic antioxidant-mediated expression of human and rat UDP-glucuronosyltransferase UGT1A6 in Caco-2 and rat hepatoma 5L cells.

Inhibition of energy metabolism down-regulates the Alzheimer related presenilin 2 gene.

Angiotensin II phosphorylation of extracellular signal-regulated kinases in rat anterior pituitary cells.

Use of an "acetaldehyde clamp" in the determination of low-KM aldehyde dehydrogenase activity in H4-II-E-C3 rat hepatoma cells.

The effect of retinyl palmitate added to iron-fortified maize porridge on erythrocyte incorporation of iron in African children with vitamin A deficiency.

Effects of several dioxin-like compounds on estrogen metabolism in the malignant MCF-7 and nontumorigenic MCF-10A human mammary epithelial cell lines.

Evaluation of the potential impact of pharmacokinetic differences on tissue dosimetry in offspring during pregnancy and lactation.

Protein tyrosine phosphatase 1B inhibition: opportunities and challenges.

Oxidative capacity in failing hearts.

S-adenosyl-L-methionine is able to reverse micronucleus formation induced by sodium arsenite and other cytoskeleton disrupting agents in cultured human cells.

Short- and long-term morbidity and mortality in the population exposed to dioxin after the "Seveso accident".

Effects of iron(II) salts and iron(III) complexes on trace element status in children with iron-deficiency anemia.

Carbon-11 labelling of 8[[3-[4-(2-[(11)C]methoxyphenyl)piperazin-1-yl]-2-hydroxypropyl]oxy]thiochroman, a presynaptic 5-HT(1A) receptor agonist, and its in vivo evaluation in anaesthetised rat and in awake cat.

Urinary excretion of the uraemic toxin p-cresol in the rat: contribution of glucuronidation to its metabolism.

Enhancement of carcinogen-induced malignant cell transformation by prostaglandin F(2 alpha).

Polyglutamine protein aggregation and toxicity are linked to the cellular stress response.

Male reproductive hormones and thyroid function in pesticide applicators in the Red River Valley of Minnesota.

Carcinogenesis and its modification by environmental endocrine disruptors: in vivo experimental and epidemiological findings.

Markers of genetic susceptibility in human environmental hygiene and toxicology: the role of selected CYP, NAT and GST genes.

Antiallergic activity of ginseng and its ginsenosides.

Intercellular signalling within vascular cells under high D-glucose involves free radical-triggered tyrosine kinase activation.

Celecoxib inhibits proliferation and induces apoptosis via prostaglandin E2 pathway in human cholangiocarcinoma cell lines.

Neurotoxicity of polycyclic aromatic hydrocarbons and simple chemical mixtures.

Protective effect of melatonin against mitochondrial injury induced by ischemia and reperfusion of rat liver.

Globose basal cells are required for reconstitution of olfactory epithelium after methyl bromide lesion.

Human health effects of sodium azide exposure: a literature review and analysis.

Health impacts of pesticide exposure in a cohort of outdoor workers.

The adrenal cortex in experimental congenital diaphragmatic hernia.

Bile from a patient with anomalous pancreaticobiliary ductal union promotes the proliferation of human cholangiocarcinoma cells via COX-2 pathway.

Rat thyroid hyperplasia induced by gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Airway smooth muscle changes in the nitrofen-induced congenital diaphragmatic hernia rat model.

Methylated metabolites of arsenic trioxide are more potent than arsenic trioxide as apoptotic but not differentiation inducers in leukemia and lymphoma cells.

Effect of low dose mono-ortho 2,3',4,4',5 pentachlorobiphenyl on thyroid hormone status and EROD activity in rat offspring: consequences for risk assessment.

A comparative immunohistochemical study of spontaneous and chemically induced pheochromocytomas in B6C3F1 mice.

Evaluation of transgenic event Bt11 hybrid corn in broiler chickens.

Environmental estrogens alter early development in *Xenopus laevis*.

Tropical chronic pancreatitis: an update.

Edaravone protects against ischemia/reperfusion-induced oxidative damage to mitochondria in rat liver.

Early changes in metabolism of leukemic cell lines upon induction of apoptosis by cytotoxic drugs.

Determination of urinary hippuric acid and o-cresol levels as biological indicators of toluene exposure in shoe-workers and glue sniffers.

A comparative study on the gastroduodenal tolerance of different antianaemic preparations.

Involvement of oxidative stress in the toxicity of 4-monochlorophenol in Hep G2 cells in culture.

Dose-response analysis of short-term effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in three differentially susceptible rat lines.

Effect of sodium arsenite on spermatogenesis, plasma gonadotrophins and testosterone in rats.

Effects of single non-ortho, mono-ortho, and di-ortho chlorinated biphenyls on cell functions and proliferation of the human prostatic carcinoma cell line, LNCaP.

Zinc protoporphyrin/heme as an indicator of iron status in NICU patients.

Immunocapture and microplate-based activity measurement of mammalian pyruvate dehydrogenase complex.

¹²³I-Interleukin-2: biochemical characterization and in vivo use for imaging autoimmune diseases.

Urinary concentrating defect in hypothyroid rats: role of sodium, potassium, 2-chloride co-transporter, and aquaporins.

Basis for a proposed reference dose (RfD) for dioxin of 1-10 pg/kg-day: a weight of evidence evaluation of the human and animal studies.

Effects of uremic ultrafiltrate on the regulation of the parathyroid cell cycle by calcitriol.

Local energy depletion in the basal forebrain increases sleep.

Escherichia coli O157:H7 populations in sheep can be reduced by chlorate supplementation.

Arsenic species excretion after dimercaptopropanesulfonic acid (DMPS) treatment of an acute arsenic trioxide poisoning.

Flow cytometric measurement of reactive oxygen species production by normal and thalassaemic red blood cells.

Down-regulation of sonic hedgehog expression in pulmonary hypoplasia is associated with congenital diaphragmatic hernia.

Influence of 5-aminolevulinic acid and red light on collagen metabolism of human dermal fibroblasts.

Dual fortification of salt with iodine and microencapsulated iron: a randomized, double-blind, controlled trial in Moroccan schoolchildren.

Different effects of metabolic inhibitors and cyclosporin A on daunorubicin transport in leukemia cells from patients with AML.

Increase in cardiovascular pathology in female Sprague-Dawley rats following chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3,3',4,4',5-pentachlorobiphenyl.

PPARalpha agonist-induced rodent tumors: modes of action and human relevance.

A framework for human relevance analysis of information on carcinogenic modes of action.

Perinatal exposure to low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin alters sex-dependent expression of hepatic CYP2C11.

Methylated trivalent arsenicals as candidate ultimate genotoxic forms of arsenic: induction of chromosomal mutations but not gene mutations.

High cell density-mediated pericellular hypoxia is a crucial factor inducing expression of the intrinsic hypoxia marker CA IX in vitro in HeLa cells.

Estrogens and organochlorine xenoestrogens and breast cancer risk.

Speciation of arsenic metabolite intermediates in human urine by ion-exchange chromatography and flow injection hydride generation atomic absorption spectrometry.

Effect of lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on the susceptibility to Listeria infection.

Rat breast microsomal biotransformation of ethanol to acetaldehyde but not to free radicals: its potential role in the association between alcohol drinking and breast tumor promotion.

Transplacental carcinogenicity of inorganic arsenic in the drinking water: induction of hepatic, ovarian, pulmonary, and adrenal tumors in mice.

Manganese ethylene-bis-dithiocarbamate and selective dopaminergic neurodegeneration in rat: a link through mitochondrial dysfunction.

Proliferative activity of bile from congenital choledochal cyst patients.

Oxidative stress-mediated DHEA formation in Alzheimer's disease pathology.

Blockage of multidrug resistance-associated proteins potentiates the inhibitory effects of arsenic trioxide on CYP1A1 induction by polycyclic aromatic hydrocarbons.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) alters the endogenous metabolism of all-trans-retinoic acid in the rat.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) stimulates gonadotropin secretion in the immature female Sprague-Dawley rat through a pentobarbital- and estradiol-sensitive mechanism but does not alter gonadotropin-releasing hormone (GnRH) secretion by immortalized GnRH neurons in vitro.

Rescue of light responses in the Drosophila "null" phospholipase C mutant, norpAP24, by the diacylglycerol kinase mutant, rdgA, and by metabolic inhibition.

Resistance to 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity and abnormal liver development in mice carrying a mutation in the nuclear localization sequence of the aryl hydrocarbon receptor.

Damage to developing mouse skeletal muscle myotubes in culture: protective effect of heat shock proteins.

Expression of aryl hydrocarbon receptor repressor in normal human tissues and inducibility by polycyclic aromatic hydrocarbons in human tumor-derived cell lines.

Direct evidence for recycling of myeloperoxidase-catalyzed phenoxyl radicals of a vitamin E homologue, 2,2,5,7,8-pentamethyl-6-hydroxy chromane, by ascorbate/dihydrolipoate in living HL-60 cells.

A tetrazolium-based colorimetric assay for metabolic activity of stored blood platelets.

2,3,7,8-tetrachlorodibenzo-p-dioxin induces lecithin: retinol acyltransferase transcription in the rat kidney.

Oviposition response of the mosquito, *Culex quinquefasciatus* to the secondary metabolite(s) of the fungus, *Trichoderma viride*.

Mutagenic and antimutagenic potential of the medicinal plants *M. laevigata* and *C. xanthocarpa*.

Metabolism of arsenic by sheep chronically exposed to arsenosugars as a normal part of their diet. 1. Quantitative intake, uptake, and excretion.

Hepatocellular injury with hyperaminotransferasemia after cresol ingestion.

Competitive interactions of chlorinated phenol compounds with 3,3',5-triiodothyronine binding to transthyretin: detection of possible thyroid-disrupting chemicals in environmental waste water.

Relationships between respiration and susceptibility to azole antifungals in *Candida glabrata*.

Expression of aryl hydrocarbon receptor and aryl hydrocarbon receptor nuclear translocator messenger ribonucleic acids and proteins in rat and human testis.

Acutely administered melatonin restores hepatic mitochondrial physiology in old mice.

Functional role of AhR in the expression of toxic effects by TCDD.

The liver isoform of carnitine palmitoyltransferase 1 is not targeted to the endoplasmic reticulum.

Condensed aromatic peptide family of microbial metabolites, inhibitors of CD28-CD80 interactions.

Measurement of retinoids and beta-carotene 15,15'-dioxygenase activity in HR-1 hairless mouse skin with UV exposure.

Modulating carbonyl cytotoxicity in intact rat hepatocytes by inhibiting carbonyl metabolizing enzymes. II. Aromatic aldehydes.

Modulating carbonyl cytotoxicity in intact rat hepatocytes by inhibiting carbonyl-metabolizing enzymes. I. Aliphatic alkenals.

Evidence for the primary role for 4-aminopyridine-sensitive K(v) channels in beta(3)-adrenoceptor-mediated, cyclic AMP-independent relaxations of guinea-pig gastrointestinal smooth muscles.

High-performance liquid chromatographic analysis of the anticancer drug irinotecan (CPT-11) and its active metabolite SN-38 in human plasma.

Endocrine disrupting chemicals: interference of thyroid hormone binding to transthyretins and to thyroid hormone receptors.

α -Tocopherol Content and α -Tocopherol Transfer Protein Expression in Leukocytes of Children with Acute Leukemia.

Epidermal growth factor regulates Ca^{2+} uptake in primary cultured renal proximal tubule cells: involvement of cAMP, PKC and cPLA2.

Contaminant risks from biosolids land application: contemporary organic contaminant levels in digested sewage sludge from five treatment plants in Greater Vancouver, British Columbia.

Removal of endocrine disruptors by tertiary treatments and constructed wetlands in subtropical Australia.

The nationwide investigation of endocrine disruptors in sediment of harbours.

[Changes in plasma zinc and folic acid concentrations in pregnant adolescents submitted to different supplementation regimens].

The 2001 Veylien Henderson Award of the Society of Toxicology of Canada. Positive and negative transcriptional regulation of cytochromes P450 by polycyclic aromatic hydrocarbons.

Toxicokinetics and physiologically based toxicokinetics in toxicology and risk assessment.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on chorionic gonadotropin secretion by human trophoblasts.

Metabolic pathways of dioxin by CYP1A1: species difference between rat and human CYP1A subfamily in the metabolism of dioxins.

Thyroid hormone enhances the formation of synapses between cultured neurons of rat cerebral cortex.

Cobalt-resistance in wall-less mutant (fz; sg; os-1) of *Neurospora crassa*.

On the hormonal nature of the stimulatory effect of high incubation temperatures on germination of dormant sorghum (*S. bicolor*) caryopses.

Expression of an Arabidopsis phosphoglycerate mutase homologue is localized to apical meristems, regulated by hormones, and induced by sedentary plant-parasitic nematodes.

Comparison of accumulation and altered steroid secretion by placental tissue treated with TCDD and natural mixture of PCDDs-PCDFs.

Hydroxylated and methylsulfone-containing metabolites of polychlorinated biphenyls in the plasma and blubber of bowhead whales (*Balaena mysticetus*).

Implications of glucose transporter protein type 1 (GLUT1)-haplodeficiency in embryonic stem cells for their survival in response to hypoxic stress.

TCDD-induced expression of Ah receptor responsive genes in the pituitary and brain of cellular retinol-binding protein (CRBP-I) knockout mice.

Cell-specific expression of CYP2A5 in the mouse respiratory tract: effects of olfactory toxicants.

TA-270 [4-hydroxy-1-methyl-3-octyloxy-7-sinapinoylamino-2(1H)-quinolinone], an anti-asthmatic agent, inhibits leukotriene production induced by IgE receptor stimulation in RBL-2H3 cells.

Kinetics of monochloroacetic acid at subtoxic and toxic doses in rats after single oral and dermal administrations.

In vivo studies on the metabolism of the monoterpene pulegone in humans using the metabolism of ingestion-correlated amounts (MICA) approach: explanation for the toxicity differences between (S)-(-)- and (R)-(+)-pulegone.

Phospholipase A2, hydroxyl radicals, and lipid peroxidation in transient cerebral ischemia.

Cytochrome c oxidase inhibition in the rice weevil *Sitophilus oryzae* (L.) by formate, the toxic metabolite of volatile alkyl formates.

Synergism interaction between arachidonic acid by 5-hydroxytryptamine in human platelet aggregation is mediated through multiple signalling pathways.

Decreased enzyme activity of hepatic thioredoxin reductase and glutathione reductase in rabbits by prolonged exposure to inorganic arsenate.

KB130015, a new amiodarone derivative with multiple effects on cardiac ion channels.

Chlorinated hydrocarbon contaminants in blood of black and turkey vultures from Savannah River Site, South Carolina, USA.

Effect of dietary co-administration of sodium selenite on sodium arsenite-induced ovarian and uterine disorders in mature albino rats.

An inducible *Streptomyces* gene cluster involved in aromatic compound metabolism.

Ischemic preconditioning by caspase cleavage of poly(ADP-ribose) polymerase-1.

Generation of 2,3,7,8-TCDD-metabolizing enzyme by modifying rat CYP1A1 through site-directed mutagenesis.

4-aminobiphenyl-induced liver and urinary bladder DNA adduct formation in Cyp1a2(-/-) and Cyp1a2(+/+) mice.

Metabolism of fenitrothion and conjugation of 3-methyl-4-nitrophenol in tomato plant (*Lycopersicon esculentum*).

Toxicity and metabolism of subcytotoxic inorganic arsenic in human renal proximal tubule epithelial cells (HK-2).

Aberrant utilization of nitric oxide and regulation of soluble guanylate cyclase in rat diabetic retinopathy.

Genetic variation in genes associated with arsenic metabolism: glutathione S-transferase omega 1-1 and purine nucleoside phosphorylase polymorphisms in European and indigenous Americans.

Ca(2+)-induced Ca(2+) release in the pancreatic beta-cell: direct evidence of endoplasmic reticulum Ca(2+) release.

Cell selective cAMP induction of rat CYP1B1 in adrenal and testis cells. Identification of a novel cAMP-responsive far upstream enhancer and a second Ah receptor-dependent mechanism.

Uptake and metabolic fate of [14C]-2,4-dichlorophenol and [14C]-2,4-dichloroaniline in wheat (*Triticum aestivum*) and soybean (*Glycine max*).

Stir bar sorptive extraction and large volume injection gas chromatography to determine a group of endocrine disrupters in water samples.

Cardioselective sulfonylthiourea HMR 1098 blocks mitochondrial uncoupling induced by a KATP channel opener, P-1075, in beating rat hearts.

[Is it possible to use sex ratio at birth as indicator of the presence of endocrine disrupters in environmental pollution?].

Effects of cytochrome P-450 inducers on the perazine metabolism in a primary culture of human hepatocytes.

Triazines facilitate neurotransmitter release of synaptic terminals located in hearts of frog (*Rana ridibunda*) and honeybee (*Apis mellifera*) and in the ventral nerve cord of a beetle (*Tenebrio molitor*).

Developmental neurotoxicity of dioxin and its related compounds.

The missing biomarker link: relationships between effects on the cellular energy allocation biomarker of toxicant-stressed *Daphnia magna* and corresponding population characteristics.

Identification and functional characterization of a Na⁺-independent large neutral amino acid transporter, LAT1, in human and rabbit cornea.

Nuclear translocation and retention of growth hormone.

Use of plant cell cultures to study graminicide effects on lipid metabolism.

The metabolism of aluminum citrate and biosynthesis of oxalic acid in *Pseudomonas fluorescens*.

Activation of protein kinase C by phorbol esters in human macrophages reduces the metabolism of modified LDL by down-regulation of scavenger receptor activity.

24-well plate spectrophotometric assay for preliminary screening of metabolic activity.

Metabolism of lipid derived aldehyde, 4-hydroxynonenal in human lens epithelial cells and rat lens.

Effect of three nitrophenols on carbon metabolism in *Nostoc muscorum* and *Chlorella vulgaris*.

Determination of endocrine-disrupting compounds in water samples by on-line solid-phase extraction-programmed-temperature vaporisation-gas chromatography-mass spectrometry.

Quantitative structure toxicity relationships for phenols in isolated rat hepatocytes.

Formation of DNA adducts in HL-60 cells treated with the toluene metabolite p-cresol: a potential biomarker for toluene exposure.

Postnatal exposure of 2,2',3,3',4,6'-hexachlorobiphenyl and 2,2',3,4',5',6'-hexachlorobiphenyl on sperm function and hormone levels in adult rats.

[Arsenite-induced lipid peroxidation in *Saccharomyces cerevisiae*].

Metabolic analysis in drug design.

[Follow-up survey of dioxins in the blood of Yusho patients (in 2001)].

[Determination of 2,4-dinitrophenol, its basic metabolite and 4-oxide diphenyl in biological materials].

Isolation of a glucosyltransferase from *Arabidopsis thaliana* active in the metabolism of the persistent pollutant 3,4-dichloroaniline.

Leiomyosarcoma of urinary bladder following cyclophosphamide therapy: report of two cases.

Selenoprotein metabolism and function: evidence for more than one function for selenoprotein P.

Chemiluminescence response of beta-glucan stimulated leukocytes isolated from different tissues and peritoneal cavity of *Dicentrarchus labrax*.

The multidrug resistance-associated protein 1 transports methoxychlor and protects the seminiferous epithelium from injury.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on chorionic gonadotrophin activity in pregnant macaques.

Differential modulation of cytochrome P-450 1A and P-glycoprotein expression by aryl hydrocarbon receptor agonists and thyroid hormone in *Xenopus laevis* liver and intestine.

Toxicity and kinetic parameters of the aerobic biodegradation of the phenol and alkylphenols by a mixed culture.

Exposure to the metabolic inhibitor sodium azide induces stress protein expression and thermotolerance in the nematode *Caenorhabditis elegans*.

Effects of mitochondrial uncoupling on adipocyte intracellular Ca(2+) and lipid metabolism.

Contribution of human cytochrome p-450 isoforms to the metabolism of the simplest phenothiazine neuroleptic promazine.

Role of reactive oxygen species and antioxidants in plant disease resistance.

An artificial amino acid, 4-iodo-L-meta-tyrosine: biodistribution and excretion via kidney.

Whole-grain rye and wheat foods and markers of bowel health in overweight middle-aged men.

Role of the different mitogen-activated protein kinase subfamilies in the stimulation of dog and human thyroid epithelial cell proliferation by cyclic adenosine 5'-monophosphate and growth factors.

Inhibition of CYP 1A2-dependent MROD activity in rat liver microsomes: an explanation of the hepatic sequestration of a limited subset of halogenated aromatic hydrocarbons.

Endogenous glutamate contributes to the maintenance of glutathione level under oxidative stress in isolated nerve terminals.

RNA interference-mediated silencing of Sod2 in *Drosophila* leads to early adult-onset mortality and elevated endogenous oxidative stress.

Progression of alachlor-induced olfactory mucosal tumours.

Transformation of carrots with mutant acetolactate synthase for *Orobanche* (broomrape) control.

Exposure to the herbicide acetochlor alters thyroid hormone-dependent gene expression and metamorphosis in *Xenopus laevis*.

Physiological and cellular responses of the 2,4-D degrading bacterium, *Burkholderia cepacia* YK-2, to the phenoxyherbicides 2,4-D and 2,4,5-T.

Functional activation of peroxisome proliferator-activated receptor alpha (PPARalpha) by environmental chemicals in relation to their toxicities.

Influence of plant age and size on simazine toxicity and uptake.

Fractionation of protein adducts in rats and mice dosed with [¹⁴C]pentachlorophenol.

Perpest model, a case-based reasoning approach to predict ecological risks of pesticides.

Effects of early embryonal exposure to dexamethasone on malformations of neural-crest derivatives induced by nitrofen in rats.

Effects of vitamin A on malformations of neural-crest-controlled organs induced by nitrofen in rats.

On the mechanism of selectivity of the corn herbicide BAS 662H: a combination of the novel auxin transport inhibitor diflufenzopyr and the auxin herbicide dicamba.

In vitro myelotoxicity of propanil and 3,4-dichloroaniline on murine and human CFU-E/BFU-E progenitors.

Metabolic enzymes as biochemical markers of effect following exposure of fish to sodium pentachlorophenate (Na-PCP).

Antioxidant enzymes, free-radical damage, and response to paraquat in liver and kidney of long-living growth hormone receptor/binding protein gene-disrupted mice.

Impact of four pesticides on the growth and metabolic activities of two photosynthetic algae.

Paraquat-induced gene expression in rat lung tissues using a differential display reverse transcription-polymerase chain reaction.

Possible role of dimethylarsinous acid in dimethylarsinic acid-induced urothelial toxicity and regeneration in the rat.

Herbicide safeners: uses, limitations, metabolism, and mechanisms of action.

A survey of EPA/OPP and open literature on selected pesticide chemicals. III. Mutagenicity and carcinogenicity of benomyl and carbendazim.

Nuclear and nucleolar glutathione reductase, peroxidase, and transferase activities in livers of male and female Fischer-344 rats.

Toxicokinetics, recovery, and metabolism of triclopyr butotyl (ACTP) ester in goats.

A review of animal models for the study of arsenic carcinogenesis.

Detection of estrogenic activity in sediment-associated compounds using in vitro reporter gene assays.

Uptake, metabolism, and effects on detoxication enzymes of isoproturon in spawn and tadpoles of amphibians.

Oral (gavage) two-generation (one litter per generation) reproduction study of pentachlorophenol (penta) in rats.

Teratogenic effects of amitraz, 2,4-dimethylaniline, and paraquat on developing frog (*Xenopus*) embryos.

The effects of atrazine on the sexual maturation of female rats.

Paraquat-generated oxidative stress in rat liver induces heme oxygenase-1 and aminolevulinic acid synthase.

Pathways involved in mild gastrointestinal inflammation induced by a low level exposure to a food contaminant.

Paraquat detoxicative system in the mouse liver postmitochondrial fraction.

The effects of atrazine metabolites on puberty and thyroid function in the male Wistar rat.

Predictors of survival after acute paraquat poisoning.

Atrazine inhibition of testosterone production in rat males following peripubertal exposure.

Methylarsonic and dimethylarsinic acids toxicity and total arsenic accumulation in edible bush beans, *Phaseolus vulgaris*.

A major human arsenic metabolite, dimethylarsinic acid, requires reduced glutathione to induce apoptosis.

Cytochalasins Z1, Z2 and Z3, three 24-oxa[14]cytochalasans produced by *Pyrenophora semeniperda*.

Changes in mutagenicity of herbicide chlornitrofen during biodegradation.

Cytotoxic and endocrine-disrupting potential of atrazine, diazinon, endosulfan, and mancozeb in adrenocortical steroidogenic cells of rainbow trout exposed in vitro.

Analysis and toxicity of methomyl and ametryn after biodegradation.

Genotoxicological effects of some phenoxyherbicides and their metabolites on *Bacillus subtilis* M45 Rec- and H17 Rec+ strains.

Differential effects of olfactory toxicants on olfactory regeneration.

[Simultaneous determination of propanil, carbaryl and 3,4-dichloroaniline in human serum by HPLC with UV detector following solid phase extraction].

Absorption, metabolism and excretion of 4-chloro-2-methylphenoxyacetic acid (MCPA) in rat and dog.

Effect of alachlor on hepatic cytochrome P450 enzymes in rats.

Effects of pentachlorophenol and tetrachlorohydroquinone on mitogen-activated protein kinase pathways in Jurkat T cells.

In vivo genotoxicity evaluation of dimethylarsinic acid in MutaMouse.

The mutagenicity of amino-derivatives of diphenyl ether herbicides in new *Salmonella typhimurium* YG tester strains.

Radioprotectants: current status and new directions.

Comparative toxic and genotoxic effects of chloroacetanilides, formamidines and their degradation products on *Vibrio fischeri* and *Chironomus riparius*.

[Effect of diclofop on the activity of some drug-metabolizing enzymes in the liver of male Wistar rats].

[Herbicides and congenital malformations in Meta, Colombia].

Evaluation of the protective effect of oestradiol against toxicity induced by 6-hydroxydopamine and 1-methyl-4-phenylpyridinium ion (Mpp+) towards dopaminergic mesencephalic neurones in primary culture.

Endocrine active agents: implications of adverse and non-adverse changes.

A fatal human intoxication with the herbicide allyl alcohol (2-propen-1-ol).

Biotransformation of phenylurea herbicides by a soil bacterial strain, *Arthrobacter* sp. N2: structure, ecotoxicity and fate of diuron metabolite with soil fungi.

Regional assessment of atrazine exposure and incidence of breast and ovarian cancers in Kentucky.

Serum protein acrolein adducts: utility in detecting oxidant stress in hemodialysis patients and reversal using a vitamin E-bonded hemodialyzer.

Ethanol-stimulated behaviour in mice is modulated by brain catalase activity and H₂O₂ rate of production.

Characterization of nitric oxide consumption pathways by normal, chronic granulomatous disease and myeloperoxidase-deficient human neutrophils.

Monitoring of arsenic exposure with speciated urinary inorganic arsenic metabolites for ion implanter maintenance engineers.

Thyroid status regulates CART but not AgRP mRNA levels in the rat hypothalamus.

Evaluation of a 15-day screening assay using intact male rats for identifying antiandrogens.

Carcinogenicity of dimethylarsinic acid in male F344 rats and genetic alterations in induced urinary bladder tumors.

Two diarylurea electron transport inhibitors reduce *Staphylococcus aureus* hemolytic activity and protect cultured endothelial cells from lysis.

Promoting effects of monomethylarsonic acid, dimethylarsinic acid and trimethylarsine oxide on induction of rat liver preneoplastic glutathione S-transferase placental form positive foci: a possible reactive oxygen species mechanism.

Essential role of ferritin Pfr in *Helicobacter pylori* iron metabolism and gastric colonization.

Chemical ionization mass spectrometric determination of acrolein in human breast cancer cells.

Oxygen metabolites and hypoxic renal injury: effect of mitochondrial electron transport blockade.

Mucin apoprotein expression in COPD.

A review on usnic acid, an interesting natural compound.

In vivo copper-mediated free radical production: an ESR spin-trapping study.

Serum SP-D is a marker of lung injury in rats.

Modified guanines representing O(6)-alkylation by the cyclophosphamide metabolites acrolein and chloroacetaldehyde: synthesis, stability, and ab initio studies.

Analysis of DNA adducts in rats exposed to pentachlorophenol.

Inhibition of cell proliferation and AP-1 activity by acrolein in human A549 lung adenocarcinoma cells due to thiol imbalance and covalent modifications.

Protection against acetaminophen hepatotoxicity by clofibrate pretreatment: role of catalase induction.

Elimination of $\cdot O(2)(-)/H(2)O(2)$ by alpha-lipoic acid mediates the recovery of basal EDRF/NO availability and the reversal of superoxide dismutase-induced relaxation in diabetic rat aorta.

Screening for biologically active metabolites with endosymbiotic bacilli isolated from arthropods.

Arthrobacter aurescens TC1 metabolizes diverse s-triazine ring compounds.

Determination of isoxaflutole (balance) and its metabolites in water using solid phase extraction followed by high-performance liquid chromatography with ultraviolet or mass spectrometry.

A field study to assess the degradation and transport of diuron and its metabolites in a calcareous soil.

A comparative investigation of the metabolism of the herbicide glufosinate in cell cultures of transgenic glufosinate-resistant and non-transgenic oilseed rape (*Brassica napus*) and corn (*Zea mays*).

Intra-individual variation in the metabolism of inorganic arsenic.

Purification, substrate range, and metal center of AtzC: the N-isopropylammelide aminohydrolase involved in bacterial atrazine metabolism.

Systemic uptake and cutaneous disposition of pentachlorophenol in a sequential exposure scenario: effects of skin preexposure to benzo[a]pyrene.

Engineering herbicide metabolism in tobacco and Arabidopsis with CYP76B1, a cytochrome P450 enzyme from Jerusalem artichoke.

Comprehensive analysis of gene expression in *Nicotiana tabacum* leaves acclimated to oxidative stress.

Metabolic disturbances in fish exposed to sodium pentachlorophenate (NaPCP) and 3,3',4,4',5-pentachlorobiphenyl (PCB126), individually or combined.

Brain catalase inhibition blocks ethanol-related decrease of blood luteinizing hormone levels in mice.

Isolation of HAG1 and its regulation by plant hormones during in vitro floral organogenesis in *Hyacinthus orientalis* L.

Urinary arsenic speciation in subjects with or without restriction from seafood dietary intake.

Determination of mesotrione residues and metabolites in crops, soil, and water by liquid chromatography with fluorescence detection.

Measurement of 4-hydroxylation of ifosfamide in human liver microsomes using the estimation of free and protein-bound acrolein and codetermination of keto- and carboxyifosfamide.

Growth in coculture stimulates metabolism of the phenylurea herbicide isoproturon by *Sphingomonas* sp. strain SRS2.

[Simultaneous determination of N-methylcarbamate pesticides and their metabolites in agricultural products].

Determination of oxanilic and sulfonic acid metabolites of acetochlor in soils by liquid chromatography-electrospray ionisation mass spectrometry.

[Metabolism of rumen microbial populations formed on biosubstrates with different assimilation under the effect of pentachlorophenol].

Oxidative stress response of *Kluyveromyces marxianus* to hydrogen peroxide, paraquat and pressure.

Phosphate availability alters architecture and causes changes in hormone sensitivity in the *Arabidopsis* root system.

Assessment of the rhizosphere competency and pentachlorophenol-metabolizing activity of a pesticide-degrading strain of *Trichoderma harzianum* introduced into the root zone of corn seedlings.

The WUSCHEL gene promotes vegetative-to-embryonic transition in *Arabidopsis*.

Effects of furazolidone, PCB77, PCB126, Aroclor 1248, paraquat and p,p'-DDE on transketolase activity in embryonal chicken brain.

Confocal imaging of organic anion transport in intact rat choroid plexus.

Side-chain metabolism of propranolol: involvement of monoamine oxidase and mitochondrial aldehyde dehydrogenase in the metabolism of N-desisopropylpropranolol to naphthoxylactic acid in rat liver.

Systemic uptake of inhaled arsenic in rabbits.

Pentachlorophenol and hydroxylated polychlorinated biphenyl metabolites in umbilical cord plasma of neonates from coastal populations in Québec.

Soil metabolism of isoxaflutole in corn.

Determination of herbicides and metabolites by solid-phase extraction and liquid chromatography evaluation of pollution due to herbicides in surface and groundwaters.

Species variations in the biliary and urinary excretion of arsenate, arsenite and their metabolites.

Migration of dissolved heavy metal compounds and PCP in the presence of colloids through a heterogeneous calcareous gravel and a homogeneous quartz sand-pilot scale experiments.

Novel approach for the simultaneous analysis of glyphosate and its metabolites.

Determination of alachlor and its metabolites in rat plasma and urine by liquid chromatography-electrospray ionization mass spectrometry.

Identification of a S-hexahydro-1H-azepine-1-carbonyl adduct produced by molinate on rat hemoglobin beta(2) and beta(3) chains in vivo.

Metabolism of metolachlor by fungal cultures.

Preparative-scale synthesis of two metabolites isolated from soil treated with zoxium fungicide and kerb herbicide.

[Improvement of somatic embryogenesis process in sugarcane Venezuelan cultivars].

Soil persistence and metabolism of iodosulfuron in winter wheat crops.

Exploiting plant metabolism for the phytoremediation of persistent herbicides.

Determination of phenoxyacid herbicides and their phenolic metabolites in surface and drinking water.

Plasma pharmacokinetics and tissue distribution of a N-pyrrolo-[1,2-c]imidazolylphenyl sulfonamide in rats.

[Human neurotoxicity of ethylene-bis-dithiocarbamates (EBDC)].

No reduction of metabolic rate in food restricted *Caenorhabditis elegans*.

Comparative toxicity study of 3-aminophenol in newborn and young rats.

Mesenchymal nuclear transcription factors in nitrofen-induced hypoplastic lung.

Addition of microencapsulated iron to iodized salt improves the efficacy of iodine in goitrous, iron-deficient children: a randomized, double-blind, controlled trial.

Detection of proton release from cultured human myotubes to identify malignant hyperthermia susceptibility.

Cell-type specificity of ectonucleotidase expression and upregulation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Phenomenon of pseudomutagenesis: experiments with modifiers of cell metabolism in human lymphocytes].

Sodium arsenite-induced stress-related gene expression in normal human epidermal, HaCaT, and HEL30 keratinocytes.

Lipid metabolism and neuropsychological follow-up study of workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Alcohol-induced increases in insulin-like growth factor binding protein-1 are partially mediated by TNF.

Arsenic induces peroxynitrite generation and cyclooxygenase-2 protein expression in aortic endothelial cells: possible role in atherosclerosis.

Bioavailability of caseinophosphopeptide-bound iron.

Expression of surfactant proteins and thyroid transcription factor 1 in an ovine model of congenital diaphragmatic hernia.

Differential toxicogenomic responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin in malignant and nonmalignant human airway epithelial cells.

Antiandrogenic effects in vitro and in vivo of the fungicide prochloraz.

The redox protein thioredoxin-1 regulates the constitutive and inducible expression of the estrogen metabolizing cytochromes P450 1B1 and 1A1 in MCF-7 human breast cancer cells.

Effects of perinatal exposure to PCBs and dioxins on play behavior in Dutch children at school age.

Curcumin activates the aryl hydrocarbon receptor yet significantly inhibits (-)-benzo(a)pyrene-7R-trans-7,8-dihydrodiol bioactivation in oral squamous cell carcinoma cells and oral mucosa.

On the role of monoamine oxidase-A for the maintenance of the volitional consumption of ethanol in two different rat models.

Endocrine disruption by indole-3-carbinol and tamoxifen: blockage of ovulation.

Increased arylhydrocarbon receptor expression offers a potential therapeutic target for pancreatic cancer.

Therapeutic effects of glucose infusion on monochloroacetic acid exposure in rats.

2,3,7,8-tetrachlorodibenzo-p-dioxin causes alterations in lymphocyte development and thymic atrophy in hemopoietic chimeras generated from mice deficient in ARNT2.

Mortality in dioxin-exposed mice infected with influenza: mitochondrial toxicity (reye's-like syndrome) versus enhanced inflammation as the mode of action.

Linking dioxins to diabetes: epidemiology and biologic plausibility.

Thyroid transcription factor-1 expression during normal human lung development and in patients with congenital diaphragmatic hernia.

A study on behavioral, neurotoxicological, and immunotoxicological effects of subchronic arsenic treatment in rats.

Ethanol induces fatty acid synthesis pathways by activation of sterol regulatory element-binding protein (SREBP).

Promotion of altered hepatic foci by 2,3,7,8-tetrachlorodibenzo-p-dioxin and 17beta-estradiol in male Sprague-Dawley rats.

Radiation- and chemical-induced structural chromosome aberrations in human spermatozoa.

A constitutively active dioxin/aryl hydrocarbon receptor induces stomach tumors.

The silencing mediator of retinoic acid and thyroid hormone receptors can interact with the aryl hydrocarbon (Ah) receptor but fails to repress Ah receptor-dependent gene expression.

Endocrine dismodulation and cancer.

Tyrosinemia I, a model for human diseases mediated by 2-oxoacid-utilizing dioxygenases: hepatotoxin suppression by NTBC does not normalize hepatic collagen metabolism.

Is exposure to endocrine disrupting compounds during fetal/post-natal development affecting the reproductive potential of farm animals?

Induction of HSP72 by sodium arsenite fails to protect against cholecystokinin-octapeptide-induced acute pancreatitis in rats.

Supplemental zinc lowers measures of iron status in young women with low iron reserves.

Inhibition of carcinogen-activating enzymes by 16alpha-fluoro-5-androsten-17-one.

Role of ATP in the sensitivity to heat and the induction of apoptosis in mammalian cells.

Mechanisms of 2-butoxyethanol carcinogenicity: studies on Syrian Hamster Embryo (SHE) cell transformation.

Function and dysfunction of aPKC isoforms for glucose transport in insulin-sensitive and insulin-resistant states.

Angiopoietin-1 and VEGF in vascular development and angiogenesis in hypoplastic lungs.

Conditional expression of a constitutively active aryl hydrocarbon receptor in MCF-7 human breast cancer cells.

WISP-2 is a secreted protein and can be a marker of estrogen exposure in MCF-7 cells.

Cancer chemopreventive and antioxidant activities of pterostilbene, a naturally occurring analogue of resveratrol.

Severe 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) intoxication: kinetics and trials to enhance elimination in two patients.

Mechanism of action and development of selective aryl hydrocarbon receptor modulators for treatment of hormone-dependent cancers (Review).

2,3,7,8-tetrachlorodibenzo-p-dioxin interacts with endogenous estradiol to disrupt prostate gland morphogenesis in male rat fetuses.

[Dinitrophenol--a dangerous doping agent].

Use of Haber's Rule to estimate the risk of diabetes from background exposures to dioxin-like compounds.

Structure-activity relationships and dose responses of polychlorinated dibenzo-p-dioxins for short-term effects in 2,3,7,8-tetrachlorodibenzo-p-dioxin-resistant and -sensitive rat strains.

Decrease in 4-aminobiphenyl-induced methemoglobinemia in Cyp1a2(-/-) knockout mice.

Dinitrophenol pretreatment of rat ventricular myocytes protects against damage by metabolic inhibition and reperfusion.

Primary structure and pathological study of phospholipase A2-I from *Agkistrodon bilineatus* (common cantil) venom.

Relationship between acetaldehyde levels and cell survival in ethanol-metabolizing hepatoma cells.

Effects of subchronic exposure to a complex mixture of persistent contaminants in male rats: systemic, immune, and reproductive effects.

Persistent abnormalities in the rat mammary gland following gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Tumor necrosis factor-alpha and interleukin-1beta mediate the production of nitric oxide involved in the pathogenesis of ifosfamide induced hemorrhagic cystitis in mice.

Exercise- and insulin-stimulated muscle glucose transport: distinct mechanisms of regulation.

Prediction of rodent nongenotoxic carcinogenesis: evaluation of biochemical and tissue changes in rodents following exposure to nine nongenotoxic NTP carcinogens.

Plasma concentrations of polychlorinated biphenyls and the risk of breast cancer: a congener-specific analysis.

The environmental toxin 2,3,7,8-tetrachlorodibenzo-p-dioxin induces cytochrome P450 activity in high passage PC 3 and DU 145 human prostate cancer cell lines.

Up-regulated expression of genes encoding Hrk and IL-3R beta subunit by TCDD in vivo and in vitro.

Effects of src-deficiency on the expression of in vivo toxicity of TCDD in a strain of c-src knockout mice procured through six generations of backcrossings to C57BL/6 mice.

Dioxin-induced adseverin expression in the mouse thymus is strictly regulated and dependent on the aryl hydrocarbon receptor.

[Immunoenzyme analysis of natural antibodies to endogenous bioregulators in patients with systemic lupus erythematosus].

On the rumors about the silent spring. Review of the scientific evidence linking occupational and environmental pesticide exposure to endocrine disruption health effects.

Metabolic control analysis in drug discovery and disease.

Non-ahr gene susceptibility Loci for porphyria and liver injury induced by the interaction of 'dioxin' with iron overload in mice.

Induction of CYP1A1 and CYP1B1 in T-47D human breast cancer cells by benzo[a]pyrene is diminished by arsenite.

Effects of currently used pesticides in assays for estrogenicity, androgenicity, and aromatase activity in vitro.

Obligatory requirement of sulfation for P-selectin binding to human salivary gland carcinoma Acc-M cells and breast carcinoma ZR-75-30 cells.

Association between chronic exposure to pesticides and recorded cases of human malignancy in Gaza Governorates (1990-1999).

NTP Technical Report on the Toxicology and Carcinogenesis Studies of Chloral Hydrate (Cas No. 302-17-0) in B6C3F1 mice (Gavage Studies).

Heat stress-induced loss of eukaryotic initiation factor 5A (eIF-5A) in a human pancreatic cancer cell line, MIA PaCa-2, analyzed by two-dimensional gel electrophoresis.

Thyroid status is a key regulator of both flux and efficiency of oxidative phosphorylation in rat hepatocytes.

Role of sarcolemmal K(ATP) channels in cardioprotection against ischemia/reperfusion injury in mice.

A correlative study on antimutagenic and chemopreventive activity of *Acacia auriculiformis* A. Cunn. and *Acacia nilotica* (L.) Willd. Ex Del.

Dynamic imaging of endoplasmic reticulum Ca²⁺ concentration in insulin-secreting MIN6 Cells using recombinant targeted cameleons: roles of sarco(endo)plasmic reticulum Ca²⁺-ATPase (SERCA)-2 and ryanodine receptors.

Maternal immune stimulation in mice decreases fetal malformations caused by teratogens.

Anti-platelet and anti-thrombotic effects of triacetylshikimic acid in rats.

Lack of promoting effect due to oral administration of dimethylarsinic acid on rat lung carcinogenesis initiated with N-bis(2-hydroxypropyl)nitrosamine.

How can chemical compounds alter human fertility?

Effects of 2-butoxyethanol on hepatic oxidative damage.

A dynamic role for the Ah receptor in cell signaling? Insights from a diverse group of Ah receptor interacting proteins.

Timing of exposure and mammary cancer risk.

Inhibitory effect of *Carthamus tinctorius* L. seed extracts on bone resorption mediated by tyrosine kinase, COX-2 (cyclooxygenase) and PG (prostaglandin) E2.

Hexachlorobenzene exposure and the proportion of male births in Turkey 1935-1990.

Phenol toxicity and conjugation in human colonic epithelial cells.

Expression of the uncoupling protein 1 from the α P2 gene promoter stimulates mitochondrial biogenesis in unilocular adipocytes in vivo.

Activation of the aromatic hydrocarbon receptor pathway is not sufficient for transcriptional repression of BRCA-1: requirements for metabolism of benzo[a]pyrene to 7r,8t-dihydroxy-9t,10-epoxy-7,8,9,10-tetrahydrobenzo[a]pyrene.

Dioxins and endometriosis: a plausible hypothesis.

Extracellular signal-regulated kinases and g protein-coupled receptors in megakaryocytic human erythroleukemia cells: selective activation, differential regulation, and dissociation from mitogenesis.

Selective transport and accumulation of alkanes by *Rhodococcus erythropolis* S+14He.

2,3,7,8-tetrachlorobenzo-p-dioxin inhibits proliferation of SK-N-SH human neuronal cells through decreased production of reactive oxygen species.

The effects of endocrine-disrupting chemicals on thyroid hormone binding to *Xenopus laevis* transthyretin and thyroid hormone receptor.

Constitutive and TCDD-induced expression of Ah receptor-responsive genes in the pituitary.

Aromatic hydrocarbon receptor expression and function in liver of hypophysectomized male rats.

Characterization and identification of cytochrome P450 metabolites of arachidonic acid released by human peritoneal macrophages obtained from the pouch of Douglas.

Metabolism and excretion of 2-nitro-p-cresol in rats.

Comparative study of the xenobiotic metabolising system in the digestive gland of the bivalve molluscs in different aquatic ecosystems and in aquaria experiments.

Reactivity of atropaldehyde, a felbamate metabolite in human liver tissue in vitro.

Subchronic toxicity of Baltic herring oil and its fractions in the rat I: Fractionation and levels of organohalogen pollutants.

[*Medusomyces* (tea fungus): scientific history, composition, physiology, and metabolism].

Immunoaffinity column as sample cleanup method for determination of the beta-adrenergic agonist ractopamine and its metabolites.

Stimulation of carotenoid metabolism in arbuscular mycorrhizal roots.

Investigation of the relation between self-reported food consumption and household chemical exposures with urinary levels of selected nonpersistent pesticides.

Cyclic mechanical stretch augments prostacyclin production in cultured human uterine myometrial cells from pregnant women: possible involvement of up-regulation of prostacyclin synthase expression.

Urinary 2,5-dichlorophenol as biological index for p-dichlorobenzene exposure in the general population.

Expression, cellular distribution and induction of cytochrome p4501A (CYP1A) in gilthead seabream, *Sparus aurata*, brain.

Effects of entacapone and tolcapone on mitochondrial membrane potential.

Gcn4 co-ordinates morphogenetic and metabolic responses to amino acid starvation in *Candida albicans*.

Physiological and cytological responses of the marine diatom *Skeletonema costatum* to 2,4-dichlorophenol.

Bioavailability of the isomer mixture of phytoene and phytofluene-rich alga *Dunaliella bardawil* in rat plasma and tissues.

Ketoprofen-induced intestinal permeability changes studied in side-by-side diffusion cells.

Hemorrhagic cystitis as an unexpected adverse reaction to temozolomide: case report.

Determination of arsenic metabolic complex excreted in human urine after administration of sodium 2,3-dimercapto-1-propane sulfonate.

Enhancement of allyl alcohol hepatotoxicity by endotoxin requires extrahepatic factors.

Down-regulation of cell surface insulin receptor and insulin receptor substrate-1 phosphorylation by inhibitor of 90-kDa heat-shock protein family: endoplasmic reticulum retention of monomeric insulin receptor precursor with calnexin in adrenal chromaffin cells.

[¹¹C]Mirtazapine for PET neuroimaging: radiosynthesis and initial evaluation in the living porcine brain.

Differential sensitivity of inward rectifier K⁺ channels to metabolic inhibitors.

Biodegradation and enzymatic responses in the marine diatom *Skeletonema costatum* upon exposure to 2,4-dichlorophenol.

Stereoselective hydroxylation of 4-methyl-2-cyclohexenone in rats: its relevance to R-(+)-pulegone-mediated hepatotoxicity.

Metabolism of polychlorinated dibenzo-p-dioxins (PCDDs) by human cytochrome P450-dependent monooxygenase systems.

Clinical toxicology: part II. Diagnosis and management of uncommon poisonings.

Analysis of paraquat, diquat and two diquat metabolites in biological materials by high-performance liquid chromatography.

Enhancement of metabolizing herbicides in young tubers of transgenic potato plants with the rat CYP1A1 gene.

The leading role of mitochondrial depolarization in the mechanism of glutamate-induced disruptions in Ca²⁺ homeostasis.

Tumor necrosis factor alpha (TNF-alpha)-induced prostaglandin E2 release is mediated by the activation of cyclooxygenase-2 (COX-2) transcription via NFkappaB in human gingival fibroblasts.

Estrous cycle-regulated expression of CYP1B1 mRNA in the rat ovary.

Biochemical evidence for transcytotic absorption of polyaspartamide from the rat lung: effects of temperature and metabolic inhibitors.

Nonylphenol polyethoxylate adjuvant mitigates the reproductive toxicity of fomesafen on the freshwater snail *Lymnaea stagnalis* in outdoor experimental ponds.

Resistance of isolated mammalian spinal cord white matter to oxygen-glucose deprivation.

Metabolite ratio of toluene-exposed rotogravure printing plant workers reflects individual mutagenic risk by sister chromatid exchanges.

Origins and consequences of mitochondrial decline in nucleated erythrocytes.

Induction of P-glycoprotein, glutathione-S-transferase and cytochrome P450 in rat liver by atrazine.

The effect of oxidative stress on ERalpha and ERbeta expression.

Development of a high throughput screening assay for mitochondrial membrane potential in living cells.

Signal pathways involved in the production of MMP-1 and MMP-3 in human gingival fibroblasts.

Severe 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) intoxication: insights into the measurement of hepatic cytochrome P450 1A2 induction.

Comparative responsiveness of hypothyroxinemia and hepatic enzyme induction in Long-Evans rats versus C57BL/6J mice exposed to TCDD-like and phenobarbital-like polychlorinated biphenyl congeners.

The slow axonal transport of the microtubule-associated protein tau and the transport rates of different isoforms and mutants in cultured neurons.

HPLC measurement of harderoporphyrin in the harderian glands of rodents as a biomarker for sub-lethal or chronic arsenic exposure.

IARC monographs, industry influence, and upgrading, downgrading, and under-grading chemicals: a personal point of view. International Agency for Research on Cancer.

Distribution and elimination of polychlorinated dibenzo-p-dioxins, dibenzofurans, biphenyls, and p,p'-DDE in tissues of bald eagles from the Upper Peninsula of Michigan.

Induction and inhibition of aromatase (CYP19) activity by various classes of pesticides in H295R human adrenocortical carcinoma cells.

The origin of calcium overload in rat cardiac myocytes following metabolic inhibition with 2,4-dinitrophenol.

Evidence for the involvement of CYP1A2 in the metabolism of bromodichloromethane in rat liver.

Impact of protein binding on the availability and cytotoxic potency of organochlorine pesticides and chlorophenols in vitro.

Effects of common-use pesticides on developmental and reproductive processes in *Daphnia*.

Generation of hydroxyl radicals mediated by streptozotocin in pancreatic islets of mice in vitro.

Effect of MPTP on Dopamine metabolism in Ames dwarf mice.

Enantioseparation of novel COX-2 anti-inflammatory drugs by capillary electrophoresis using single and dual cyclodextrin systems.

Sensory nerve-mediated nasal vasodilatory response to inspired ethyl acrylate.

Functional expression and localization of P-glycoprotein at the blood brain barrier.

Effects of inhaled methyl bromide gas on the metabolic system and kinetics of bromine ion in rats.

Sexually dimorphic nonreproductive behaviors as indicators of endocrine disruption.

Thyroid toxicity due to subchronic exposure to a complex mixture of 16 organochlorines, lead, and cadmium.

Stereoselective transport of histidine in rat lung microvascular endothelial cells.

beta-very low density lipoprotein enhances inducible nitric oxide synthase expression in cytokine-stimulated vascular smooth muscle cells.

Effects of benzo[a]pyrene exposure on a fish population resistant to the toxic effects of dioxin-like compounds.

Characterization of arsenic species in kidney of the clam *Tridacna derasa* by multidimensional liquid chromatography-ICPMS and electrospray time-of-flight tandem mass spectrometry.

The metabolic basis for 2,4-D resistance in two variant cell lines of carrot.

Alteration in ovarian gene expression in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin: reduction of cyclooxygenase-2 in the blockage of ovulation.

Expression of genes for alcohol and aldehyde metabolizing enzymes in mouse oocytes and preimplantation embryos.

Discrimination and taxonomy of geographically diverse strains of nitrile-metabolizing actinomycetes using chemometric and molecular sequencing techniques.

Assessment of chlorinated dibenzo-p-dioxin and dibenzofuran trends in sediment and crab hepatopancreas from pulp mill and harbor sites using multivariate- and index-based approaches.

Recognition and phagocytosis of apoptotic T cells by resident murine tissue macrophages require multiple signal transduction events.

Evidence for high activity of xylem parenchyma and ray cells in the interface of host stem and *Agrobacterium tumefaciens*-induced tumours of *Ricinus communis*.

Thyroid hormonal activity of the flame retardants tetrabromobisphenol A and tetrachlorobisphenol A.

Volatile metabolites from actinomycetes.

Oversulfated chondroitin/dermatan sulfates containing GlcAbeta1/IdoAalpha1-3GalNAc(4,6-O-disulfate) interact with L- and P-selectin and chemokines.

Induction of CYP1A1 and CYP1A2 expressions by prototypic and atypical inducers in the human lung.

Thyroxine reversibly inhibits the uncoupling action of protonophores on energy production in rat thymus lymphocytes.

StoPK-1, a serine/threonine protein kinase from the glycopeptide antibiotic producer *Streptomyces toyocaensis* NRRL 15009, affects oxidative stress response.

Charcoal affects early development and hormonal concentrations of somatic embryos of hybrid larch.

Thermodynamics of single peptide bond cleavage in bovine pancreatic trypsin inhibitor (BPTI).

Role of gas chromatography-mass spectrometry with negative ion chemical ionization in clinical and forensic toxicology, doping control, and biomonitoring.

Long-chain fatty acids increase basal metabolism and depolarize mitochondria in cardiac muscle cells.

Correlation between GABA release from rat islet beta-cells and their metabolic state.

Identification of 2,3,7,8-tetrachlorodibenzo-p-dioxin-responsive genes in mouse liver by serial analysis of gene expression.

Toluene metabolites as biological indicators of exposure.

Characterization of 2-amino-4,5-dichlorophenol (2A45CP) in vitro toxicity in renal cortical slices from male Fischer 344 rats.

Cytochemical investigation of gastric gland component cells with high-pressure freezing followed by freeze-substitution and hydrophilic resin embedding.

Aryl hydrocarbon receptor is required for prevention of blood clotting and for the development of vasculature and bone in the embryos of medaka fish, *Oryzias latipes*.

Synthesis of (1R,2S)-1-(3'-chloro-4'-methoxyphenyl)-1,2-propanediol (trametol) and (1R,2S)-1-(3',5'-dichloro-4'-methoxyphenyl)-1,2-propanediol, chlorinated fungal metabolites in the natural environment.

Dioxin exposure and porcine reproductive hormonal activity.

Arsenic accumulation and metabolism in rice (*Oryza sativa* L.).

A novel cell line, MDA-kb2, that stably expresses an androgen- and glucocorticoid-responsive reporter for the detection of hormone receptor agonists and antagonists.

Nitric oxide inactivation in brain by a novel O₂-dependent mechanism resulting in the formation of nitrate ions.

Barbiturase, a novel zinc-containing amidohydrolase involved in oxidative pyrimidine metabolism.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on oxidative enzymes in adipocytes and liver.

Immunohistochemical localization of thyroid stimulating hormone induced by a low oral dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats.

Ligand-regulated internalization, trafficking, and down-regulation of guanylyl cyclase/atrial natriuretic peptide receptor-A in human embryonic kidney 293 cells.

[Heat shock protein 27 in osteoblasts].

Analysis of plant hormones in tobacco flowers by micellar electrokinetic capillary chromatography coupled with on-line large volume sample stacking.

Polychlorinated dibenzo-p-dioxins, dibenzofurans, and dioxin-like polychlorinated biphenyls in livers of birds from Japan.

Unique property of some synthetic retinoids: activation of the aryl hydrocarbon receptor pathway.

Urocortin, but not urocortin II, protects cultured hippocampal neurons from oxidative and excitotoxic cell death via corticotropin-releasing hormone receptor type I.

Differences in genotoxicity of H₂O₂ and tetrachlorohydroquinone in human fibroblasts.

The toxicity and fate of phenolic pollutants in the contaminated soils associated with the oil-shale industry.

Implication of distinct proteins in cadmium uptake and transport by intestinal cells HT-29.

Effect of 2,4-dinitrophenol on the energy metabolism of cattle embryos produced by in vitro fertilization and culture.

Chemical speciation of arsenic in the livers of higher trophic marine animals.

Contamination and toxic effects of persistent endocrine disrupters in marine mammals and birds.

Ferritin induction protects cortical astrocytes from heme-mediated oxidative injury.

Induction of olfactory mucosal and liver metabolism of lidocaine by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

1,25(OH)₂-vitamin D₃ induces translocation of the vitamin D receptor (VDR) to the plasma membrane in skeletal muscle cells.

Acute sodium arsenite treatment induces Cyp2a5 but not Cyp1a1 in the C57Bl/6 mouse in a tissue (kidney) selective manner.

Preliminary evaluation of the cytotoxic and genotoxic potential of D-003: Mixture of very long chain fatty acids.

Tolerance and metabolism of phenol and chloroderivatives by hairy root cultures of *Daucus carota* L.

The Belgian PCB/dioxin incident: analysis of the food chain contamination and health risk evaluation.

Pharmacokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in Seveso adults and veterans of operation Ranch Hand.

Cell surface heparan sulfate proteoglycans: target and partners of the basic fibroblast growth factor in rat Sertoli cells.

Cytochrome P4501A induction and testosterone hydroxylation in cultured hepatocytes of four fish species.

Effects of trichloroacetic acid on the nitrogen metabolism of *Pinus sylvestris*--a ¹³C/¹⁵N tracer study.

Glucocorticoid-induced glucose release is abolished in trout hepatocytes with elevated hsp70 content.

PET imaging of dopamine transporters in the human brain using [(11)C]-beta-CPPIT, a cocaine derivative lacking the 2 beta-ester function.

The stimulation of tumor necrosis factor and inhibition of glucose transport and lipoprotein lipase in adipose cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Ethanol metabolism and transcription factor activation in pancreatic acinar cells in rats.

Dioxin increases reactive oxygen production in mouse liver mitochondria.

Unique Ca²⁺-activated ATPase in the nervous ganglia of *Phyllocaulis soleiformis* (Mollusca).

Identification of hydroxylated PCB metabolites and other phenolic halogenated pollutants in human blood plasma.

Detection of environmental endocrine-disruptor effects on gene expression in live *Rana catesbeiana* tadpoles using a tail fin biopsy technique.

Effects of atrazine on periphyton under grazing pressure.

Determination of glufosinate ammonium and its metabolite, 3-methylphosphinicopropionic acid, in human serum by gas chromatography-mass spectrometry following mixed-mode solid-phase extraction and t-BDMS derivatization.

Toxicity and effects of 2,6-di-tert-butyl-4-methylphenyl N-methylcarbamate (terbutol) on hepatic cytochrome P450 in F344 rats.

Evaluation of different algal species sensitivity to mercury and metolachlor by PAM-fluorometry.

Degradation in soil and water and ecotoxicity of rimsulfuron and its metabolites.

Effects of chloro-s-triazine herbicides and metabolites on aromatase activity in various human cell lines and on vitellogenin production in male carp hepatocytes.

Oral exposure of dimethylarsinic acid, a main metabolite of inorganic arsenics, in mice leads to an increase in 8-Oxo-2'-deoxyguanosine level, specifically in the target organs for arsenic carcinogenesis.

Amine metabolism: a novel path to coronary artery vasospasm.

Inhibition of oxygen consumption by pentachlorophenol and tetrachloroguaiacol in rainbow trout (*Oncorhynchus mykiss*).

Effect of isoproturon pretreatment on the biochemical toxicodynamics of anilofos in male rats.

Decreased plasma and cerebrospinal fluid glutamine concentrations in a patient with bialaphos poisoning.

Mineralization and co-metabolic degradation of phenoxyalkanoic acid herbicides by a pure bacterial culture isolated from an aquifer.

The variation on the mutagenicity of CNP during anaerobic biodegradation.

Genotoxic effect of 2,4-dichlorophenoxy acetic acid and its metabolite 2,4-dichlorophenol in mouse.

The development of a new method to estimate total daily dose of pesticides in professional turf applicators following multiple and varied exposures in occupational settings.

Use of a monoclonal antibody against Lafora bodies for the immunocytochemical study of ground-glass inclusions in hepatocytes due to cyanamide.

Metabolic complications of organophosphate and carbamate poisoning.

Toxicokinetics of atrazine in embryos of the zebrafish (*Danio rerio*).

Degradation products of a phenylurea herbicide, diuron: synthesis, ecotoxicity, and biotransformation.

Release of markedly increased quantities of prostaglandin D2 from the skin in vivo in humans after the application of cinnamic aldehyde.

Toxic effects of MPP(+) and MPTP in PC12 cells independent of reactive oxygen species formation.

Oxidative stress and liver toxicity in rats and human hepatoma cell line induced by pentachlorophenol and its major metabolite tetrachlorohydroquinone.

Designing herbicide formulation characteristics to maximize efficacy and minimize rice injury in paddy environments.

Effect of pendimethalin on growth and photosynthetic activity of *Protosiphon botryoides* in different nutrient states.

Chlorophyll a fluorescence and photosynthetic activity as tools for the evaluation of simazine toxicity to *Protosiphon botryoides* and *Anabaena variabilis*.

Evaluation of the toxicity of chemical compounds using digestive acini of the bivalve mollusc *Pecten maximus* L. maintained alive in vitro.

Disease associated with exposure to certain herbicide agents: type 2 diabetes. Final rule.

Determination of dichloroanilines in human urine by GC-MS, GC-MS-MS, and GC-ECD as markers of low-level pesticide exposure.

Biomarker correlations of urinary 2,4-D levels in foresters: genomic instability and endocrine disruption.

Toxic effects of the herbicide 2,4-dichlorophenoxyacetic acid on lymphoid organs of the rat.

Protective effects of 1 α ,25-(OH)₂D₃ against the neurotoxicity of glutamate and reactive oxygen species in mesencephalic culture.

Differential effects of trivalent and pentavalent arsenicals on cell proliferation and cytokine secretion in normal human epidermal keratinocytes.

Intracerebral administration of 2,4-dichlorophenoxyacetic acid induces behavioral and neurochemical alterations in the rat brain.

Toxicokinetics, recovery, and metabolism of napropamide in goats following a single high-dose oral administration.

Evaluation of the mutagenic potential of the principal DNA adduct of acrolein.

A concise review of the toxicity and carcinogenicity of dimethylarsinic acid.

Developmental toxicity studies in rats and rabbits on 2,4-dichlorophenoxyacetic acid and its forms.

Proliferation and differentiation of murine haemopoietic progenitor cells in stroma-free culture in the presence of metabolites of chlorinated pesticides.

Long-term fate of glyphosate associated with repeated rodeo applications to control smooth cordgrass (*Spartina alterniflora*) in Willapa Bay, Washington.

Pulse corticosteroids and cyclophosphamide in paraquat poisoning.

Selective protection by stably transfected human ALDH3A1 (but not human ALDH1A1) against toxicity of aliphatic aldehydes in V79 cells.

Genotoxic effects of methyl isothiocyanate.

Probiotic removal of herbicides with endocrine disrupting potential from aqueous matrices.

Induction and inactivation of a cytochrome P450 conferring herbicide resistance in wheat seedlings.

Cytotoxic and genotoxic effects of As, MMA, and DMA on leukocytes and stimulated human lymphocytes.

Effects of atrazine and nicosulfuron on freshwater microalgae.

Pentachlorophenol potentiates benzo[a]pyrene DNA adduct formation in adult but not infant B6C3F1 male mice.

Occupational exposure to pesticides and pancreatic cancer.

Pancreatitis induced by environmental toxins.

Strain comparisons of atrazine-induced pregnancy loss in the rat.

Urothelial cytotoxicity and regeneration induced by dimethylarsinic acid in rats.

Combined effects of pentachlorophenol and salinity stress on chemiluminescence activity in two species of abalone.

Arsenic-induced congenital malformations in genetically susceptible folate binding protein-2 knockout mice.

Substantia nigra neuromelanin: structure, synthesis, and molecular behaviour.

Cytogenetic effects of propyl gallate in CHO-K1 cells.

Altered gene level expression of thyroid hormone receptors alpha-1 and beta-1 in the lung of nitrofen-induced diaphragmatic hernia.

A cost of reproduction in *Drosophila melanogaster*: stress susceptibility.

Serum dioxin and peripheral neuropathy in veterans of Operation Ranch Hand.

Immunohistochemical detection of lipid peroxidation products, protein-bound acrolein and 4-hydroxynonenal protein adducts, in actinic elastosis of photodamaged skin.

Effect of tiagabine and topiramate on porphyrin metabolism in an in vivo model of porphyria.

Hydrogen peroxide removal and glutathione mixed disulfide formation during metabolic inhibition in mesencephalic cultures.

Expression of inducible nitric oxide synthase in primary culture of rat bladder smooth muscle cells by plasma from cyclophosphamide-treated rats.

Prepro-orexin mRNA levels in the rat hypothalamus, and orexin receptors mRNA levels in the rat hypothalamus and adrenal gland are not influenced by the thyroid status.

Effects of chlorpropham (CIPC) on the hemopoietic system of rats.

Influence of caffeine on allyl alcohol-induced hepatotoxicity in rats. I. In vivo study.

Glycerol metabolism in superoxide dismutase-deficient *Escherichia coli*.

Assessment of leaching potential of aldicarb and its metabolites using laboratory studies.

Evidence for a novel role of copper-zinc superoxide dismutase in zinc metabolism.

Symbiotic gene activation is interrupted by endocrine disrupting chemicals.

Biological monitoring of exposure of the general population to the organophosphorus pesticides chlorpyrifos and chlorpyrifos-methyl by determination of their specific metabolite 3,5,6-trichloro-2-pyridinol.

Biodegradation and transfer of ingested 2,4-D herbicide by a polyphagous saturniid caterpillar.

[Analysis of glyphosate and its metabolite, aminomethylphosphonic acid, in agricultural products by HPLC].

Metabolism of 2-(4-methylsulphonyl-2-nitrobenzoyl)-1,3-cyclohexanedione (mesotrione) in rat and mouse.

Animal species difference in the uptake of dimethylarsinous acid (DMA(III)) by red blood cells.

In vivo and in vitro binding of 2,4-dichlorophenoxyacetic acid to a rat liver mitochondrial protein.

Liquid chromatographic/mass spectrometric determination of desmedipham and phenmedipham and their metabolites in soil.

Metabolism of the phosphonate herbicide glyphosate by a non-nitrate-utilizing strain of *Penicillium chrysogenum*.

Isoprenoid biosynthesis. Metabolite profiling of peppermint oil gland secretory cells and application to herbicide target analysis.

Auxin herbicides induce H₂O₂ overproduction and tissue damage in cleavers (*Galium aparine* L.).

Sensory-nerve-mediated nasal vasodilatory response to inspired acetaldehyde and acetic acid vapors.

Resistance of a soybean cell line to oxyfluorfen by overproduction of mitochondrial protoporphyrinogen oxidase.

Biotransformation, excretion kinetics, and tissue distribution of an N-pyrrolo[1,2-c]imidazolylphenyl sulfonamide herbicide in rats.

Effects of S-ethyl hexahydro-1H-azepine-1-carbothioate (molinate) on di-n-butyl dichlorovinyl phosphate (DBDCVP) neuropathy.

Determination of the herbicide 4-chloro-2-methylphenoxyacetic acid and its main metabolite, 4-chloro-2-methylphenol in water and soil by liquid chromatography-electrospray tandem mass spectrometry.

High-performance liquid chromatography method for the quantification of non-radiolabelled cinnamic compounds in analytes derived from human skin absorption and metabolism experiments.

Sorption and metabolism of selected herbicides in river biofilm communities.

Isolation and characterisation of *Rhodococcus erythropolis* TA57 able to degrade the triazine amine product from hydrolysis of sulfonylurea pesticides in soils.

Determination of clethodim and its oxidation metabolites in crops by liquid chromatography with confirmation by LC/MS.

Anaerobic degradation of atrazine and metolachlor and metabolite formation in wetland soil and water microcosms.

Increased cysteine biosynthesis capacity of transgenic tobacco overexpressing an O-acetylserine(thiol) lyase modifies plant responses to oxidative stress.

Design of functionalized lipids and evidence for their binding to photosystem II core complex by oxygen evolution measurements, atomic force microscopy, and scanning near-field optical microscopy.

Impaired activity of the extraneuronal monoamine transporter system known as uptake-2 in Orct3/Slc22a3-deficient mice.

Formation and transport of the sulfonic acid metabolites of alachlor and metolachlor in soil.

Plant hormones in war and peace. Science, industry, and government in the development of herbicides in 1940s America.

Uniformly (14)C-ring-labeled 2,4-dichlorophenoxyacetic acid: a metabolism study in bluegill sunfish, *Lepomis macrochirus*.

The impact of two pesticides on olfactory-mediated endocrine function in mature male Atlantic salmon (*Salmo salar* L.) parr.

Repression of phenobarbital-dependent CYP2B1 mRNA induction by reactive oxygen species in primary rat hepatocyte cultures.

Solid-phase extraction with styrene-divinylbenzene sorbent for high-performance liquid or gas chromatographic determination of urinary chloro- and methylthiothiazines.

Glutathione depletion in rat hepatocytes: a mixture toxicity study with alpha, beta-unsaturated esters.

Oxidative stress and usnic acid content in *Parmelia caperata* and *Parmelia soledians* (Lichenes).

Microbial metabolites as eco-friendly agrochemicals for the next millennium.

Characterization of metabolic activation of pentachlorophenol to quinones and semiquinones in rodent liver.

Metabolism and distribution of [2,3-(14)C]acrolein in laying hens.

Metabolism and distribution of [2,3-(14)C]acrolein in lactating goats.

Role of the epithelium in opposing H₂O₂-induced modulation of acetylcholine-induced contractions in rabbit intrapulmonary bronchiole.

Accumulation of heavy metals in epidermal glands of the waterlily (*Nymphaeaceae*).

Oxidative stress inhibits the mitochondrial import of preproteins and leads to their degradation.

Unmasking the progesterone receptor in the preoptic area and hypothalamus of the ewe: no colocalization with gonadotropin-releasing neurons.

The transcriptional and DNA binding activity of peroxisome proliferator-activated receptor alpha is inhibited by ethanol metabolism. A novel mechanism for the development of ethanol-induced fatty liver.

Nontraditional microbial bioactive metabolites.

In vitro human phase I metabolism of xenobiotics I: pesticides and related chemicals used in agriculture and public health, September 2001.

Biodegradation of the phenylurea herbicide isoproturon and its metabolites in agricultural soils.

Investigation of atrazine metabolism in river sediment by high-performance liquid chromatography/mass spectrometry.

A novel arsenical in clam kidney identified by liquid chromatography/electrospray ionisation mass spectrometry.

Morphohistobiochemical characteristics of embryogenic and nonembryogenic callus cultures of sweet potato (*Ipomoea batatas* L.).

Metabolism of the herbicide glufosinate-ammonium in plant cell cultures of transgenic (rhizomania-resistant) and non-transgenic sugarbeet (*Beta vulgaris*), carrot (*Daucus carota*), purple foxglove (*Digitalis purpurea*) and thorn apple (*Datura stramonium*).

Mutagenicity of 2-alkylpropenals in *Salmonella typhimurium* strain TA 100: structural influences.

Ion chromatographic analysis of selected free amino acids and cations to investigate the change of nitrogen metabolism by herbicide stress in soybean (*glycine max*).

Detection of pesticides and pesticide metabolites using the cross reactivity of enzyme immunoassays.

Transport of [³H]MPP⁺ in an immortalized rat brain microvessel endothelial cell line (RBE 4).

Atrazine effects on testosterone levels and androgen-dependent reproductive organs in peripubertal male rats.

Metabolism of 2,4-dichlorophenoxyacetic acid in laying hens and lactating goats.

Acetaldehyde, a metabolite of ethanol, activates the hypothalamic-pituitary-adrenal axis in the rat.

Alteration of catecholamines in pheochromocytoma (PC12) cells in vitro by the metabolites of chlorotriazine herbicide.

[Effect of sideropenic anemia and its therapy on serum levels of leptin].

Cutaneous elimination of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Environmental contaminants as etiologic factors for diabetes.

Macrophage migration inhibitory factor as a redox-sensitive cytokine in cardiac myocytes.

Mitochondrial uncoupling as a target for drug development for the treatment of obesity.

Biochemical, neuropsychological, and neurological abnormalities following 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure.

Effects on levels of glutathione and some related enzymes in tissues after an acute arsenic exposure in rats and their relationship to dietary protein deficiency.

Protection by dietary compounds against mutation in a transgenic rodent.

The effects of catechol-O-methyltransferase inhibition on estrogen metabolite and oxidative DNA damage levels in estradiol-treated MCF-7 cells.

[A case of fatal acute sodium azide poisoning].

Occupational exposure to endocrine-disrupting pesticides and the potential for developing hormonal cancers.

Dioxin and diabetes mellitus: an analysis of the combined NIOSH and Ranch Hand data.

7,12-Dimethylbenz[a]anthracene inhibition of steroid production in MA-10 mouse Leydig tumor cells is not directly linked to induction of CYP1B1.

Persistent, low-dose 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure: effect on aryl hydrocarbon receptor expression in a dioxin-resistance model.

Regulated expression of GRP78 during vasopressin-induced hypertrophy of heart-derived myocytes.

Pharmacokinetics and pharmacodynamics of NTBC (2-(2-nitro-4-fluoromethylbenzoyl)-1,3-cyclohexanedione) and mesotrione, inhibitors of 4-hydroxyphenyl pyruvate dioxygenase (HPPD) following a single dose to healthy male volunteers.

Down-regulation of regulatory proteins for differentiation and proliferation in murine fetal hypoplastic lungs: altered mesenchymal-epithelial interactions.

Contribution of Mn-cofactored superoxide dismutase (SodA) to the virulence of *Streptococcus agalactiae*.

Use of a toxicokinetic model in the analysis of cancer mortality in relation to the estimated absorbed dose of dioxin (2,3,7,8-tetrachlorodibenzo-p-dioxin, TCDD).

[A case of chronic methyl bromide intoxication showing symmetrical lesions in the basal ganglia and brain stem on magnetic resonance imaging].

Modulatory effects of neonatal exposure to TCDD, or a mixture of PCBs, p,p'-DDT, and p,p'-DDE, on methylnitrosourea-induced mammary tumor development in the rat.

Role of metabolism in arsenic toxicity.

Selection of hybrids and edible citrus species with a high content in the diosmin functional compound. Modulating effect of plant growth regulators on contents.

Induction of hepatic 8-oxo-deoxyguanosine adducts by 2,3,7,8-tetrachlorodibenzo-p-dioxin in Sprague-Dawley rats is female-specific and estrogen-dependent.

Hepatic vitamin A depletion is a sensitive marker of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure in four rodent species.

In utero and lactational treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs mammary gland differentiation but does not block the response to exogenous estrogen in the postpubertal female rat.

Prenatal testosterone and luteinizing hormone levels in male rats exposed during pregnancy to 2,3,7,8-tetrachlorodibenzo-p-dioxin and diethylstilbestrol.

Interaction of estrogen and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) with hepatic fatty acid synthesis and metabolism of male chickens (*Gallus domesticus*).

Cartilage and bone biological markers in the synovial fluid of osteoarthritic patients after hyaluronan injections in the knee.

The genetic basis of endometriosis.

Health effects of dioxin exposure: a 20-year mortality study.

Protection of the Cyp1a2(-/-) null mouse against uroporphyrin and hepatic injury following exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Polychlorinated biphenyl serum levels in pregnant subjects with diabetes.

Subchronic Exposure of [3H]- 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in female B6C3F1 mice: relationship of steady-state levels to disposition and metabolism.

Pinacidil prevents membrane depolarisation and intracellular Ca²⁺ loading in single cardiomyocytes exposed to severe metabolic stress.

3,4-Dichlorophenylhydroxylamine cytotoxicity in renal cortical slices from Fischer 344 rats.

Differential regulation of cytochrome P450 1A1 and 1B1 by a combination of dioxin and pesticides in the breast tumor cell line MCF-7.

Regulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced tumor promotion by 17 beta-estradiol in female Sprague-Dawley rats.

[The changes of PCBs and PCDFs as well as symptoms in Yusho patients for 30 years].

Neural crest-derived defects in experimental congenital diaphragmatic hernia.

Human health effects of dioxins: cancer, reproductive and endocrine system effects.

Impaired ovulation by 2,3,7,8 tetrachlorodibenzo-p-dioxin (TCDD) in immature rats treated with equine chorionic gonadotropin.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on weight gain and hepatic ethoxyresorufin-o-deethylase (EROD) induction vary with ovarian hormonal status in the immature gonadotropin-primed rat model.

Oral administration of dimethylarsinic acid, a main metabolite of inorganic arsenic, in mice promotes skin tumorigenesis initiated by dimethylbenz(a)anthracene with or without ultraviolet B as a promoter.

Fate of PCDF/PCB congeners and change of clinical symptoms in patients with Yusho PCB poisoning for 30 years.

An overview of TCDD half-life in mammals and its correlation to body weight.

Metabolism of equilenin in MCF-7 and MDA-MB-231 human breast cancer cells.

Recent advances in arsenic carcinogenesis: modes of action, animal model systems, and methylated arsenic metabolites.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and diindolylmethanes differentially induce cytochrome P450 1A1, 1B1, and 19 in H295R human adrenocortical carcinoma cells.

Down-regulation of E-cadherin gene expression by collagen type I and type III in pancreatic cancer cell lines.

Uptake mechanism of valproic acid in human placental choriocarcinoma cell line (BeWo).

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on fetal mouse urinary tract epithelium in vitro.

Etiologic factors in soft tissue sarcomas.

[Chronic arsenicism].

Toxicity of PCB-126 in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P4501A induction in several organ systems.

Comparative biodistribution and metabolism of carbon-11-labeled N-[2-(dimethylamino)ethyl]acridine-4-carboxamide and DNA-intercalating analogues.

Susceptibility to fluconazole of *Candida* clinical isolates determined by FUN-1 staining with flow cytometry and epifluorescence microscopy.

Lung carcinogenesis: resveratrol modulates the expression of genes involved in the metabolism of PAH in human bronchial epithelial cells.

Subchronic sodium chlorate exposure in drinking water results in a concentration-dependent increase in rat thyroid follicular cell hyperplasia.

Maternal exposure to a low dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) suppressed the development of reproductive organs of male rats: dose-dependent increase of mRNA levels of 5 α -reductase type 2 in contrast to decrease of androgen receptor in the pubertal ventral prostate.

Acquired resistance to Ah receptor agonists in a population of Atlantic killifish (*Fundulus heteroclitus*) inhabiting a marine superfund site: in vivo and in vitro studies on the inducibility of xenobiotic metabolizing enzymes.

Aromatic hydrocarbon receptor (AhR). AhR nuclear translocator- and p53-mediated induction of the murine multidrug resistance *mdr1* gene by 3-methylcholanthrene and benzo(a)pyrene in hepatoma cells.

Effect of highly bioaccumulated polychlorinated biphenyl congeners on estrogen and androgen receptor activity.

Autism and Parkinson's disease.

Glucosyltransferase inactivation reduces dental caries.

High-performance liquid chromatography/fluorescence detection of S-methylglutathione formed by glutathione-S-transferase T1 in vitro.

5-Aminolaevulinic acid methyl ester transport on amino acid carriers in a human colon adenocarcinoma cell line.

Genetic events associated with arsenic-induced malignant transformation: applications of cDNA microarray technology.

Dopaminergic cell death induced by MPP(+), oxidant and specific neurotoxicants shares the common molecular mechanism.

2,3,7,8-tetrachlorodibenzo-p-dioxin decreases responsiveness of the hypothalamus to estradiol as a feedback inducer of preovulatory gonadotropin secretion in the immature gonadotropin-primed rat.

Antimitotic actions of a novel analog of the fungal metabolite palmarumycin CP1.

Synthesis, antimalarial activity, biomimetic iron(II) chemistry, and in vivo metabolism of novel, potent C-10-phenoxy derivatives of dihydroartemisinin.

Human cyclophilin 40 is a heat shock protein that exhibits altered intracellular localization following heat shock.

Thyroid hormones, acute iron overload and the pathogenesis of cloudy swelling.

Pesticides as a cause of occupational skin diseases in farmers.

Protein tyrosine kinase-dependent regulation of adenylate cyclase and phosphatidylinositol 3-kinase activates the expression of glial fibrillary acidic protein upon induction of differentiation in rat c6 glioma.

Sodium azide treatment decreases striatal and cortical concentrations of alpha-tocopherol in rats.

Analysis of collagenase-cleavage of type II collagen using a neoepitope ELISA.

Rapid direct determination of pesticides and metabolites in environmental water samples at sub-microg/l level by on-line solid-phase extraction-liquid chromatography-electrospray tandem mass spectrometry.

5-HT(7) receptor and beta(2)-adrenoceptor share in the inhibition of porcine uterine contractility in a muscle layer-dependent manner.

Benzo[a]pyrene-induced toxicity: paradoxical protection in Cyp1a1(-/-) knockout mice having increased hepatic BaP-DNA adduct levels.

Studies made to assess risk concerning a 'dioxin' contamination incident near Bolsover, Derbyshire, UK.

Phylogeny of natural cytotoxicity: cytotoxic activity of coelomocytes of the purple sea urchin, *Arbacia punctulata*.

Activation of p38 mitogen-activated protein kinases by endothelin and noradrenaline in small arteries, regulation by calcium influx and tyrosine kinases, and their role in contraction.

Pyruvate decarboxylase: a key enzyme for the oxidative metabolism of lactic acid by *Acetobacter pasteurianus*.

Evidence of P-glycoprotein mediated apical to basolateral transport of flunisolide in human broncho-tracheal epithelial cells (Calu-3).

Cyclophosphamide induces caspase 9-dependent apoptosis in 9L tumor cells.

Effects of dioxins and polychlorinated biphenyls (PCBs) on thyroid function in infants born in Japan--the second report from research on environmental health.

Role of iron in the interaction of red blood cells with methylglyoxal. Modification of L-arginine by methylglyoxal is catalyzed by iron redox cycling.

An in vivo ESR spin-trapping study: free radical generation in rats from formate intoxication--role of the Fenton reaction.

Enhanced systemic tissue distribution after dermal versus intravenous 3,3',4,4'-tetrachlorobiphenyl exposure: limited utility of radiolabel blood area under the curve and excretion data in dermal absorption calculations and tissue exposure assessment.

Acute exposure to organochlorine pesticides does not affect striatal dopamine in mice.

Current status of fertility control methods in India.

Co-metabolic degradation of chlorinated hydrocarbons by *Pseudomonas* sp. strain DCA1.

Differential effects of two lots of aroclor 1254 on enzyme induction, thyroid hormones, and oxidative stress.

Differential effects of two lots of aroclor 1254: congener-specific analysis and neurochemical end points.

Effects of indomethacin on energy metabolism in rat and human jejunal tissue in vitro.

Lipid peroxidation end products-responeded induction of a preneoplastic marker enzyme glutathione S-transferase P-form (GST-P) in rat liver on admistration via the portal vein.

Aryl hydrocarbon receptor-mediated activity of mutagenic polycyclic aromatic hydrocarbons determined using in vitro reporter gene assay.

Cytochrome CYP2E1 phenotyping and genotyping in the evaluation of health risks from exposure to polluted environments.

Toxicological relevance of the multidrug resistance protein 1, MRP1 (ABCC1) and related transporters.

Identification of biochemical pathways for the metabolism of oxidized low-density lipoprotein derived aldehyde-4-hydroxy trans-2-nonenal in vascular smooth muscle cells.

Phosphorylation-dependent nucleocytoplasmic shuttling of pancreatic duodenal homeobox-1.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on corticotrophin-releasing hormone, arginine vasopressin, and pro-opiomelanocortin mRNA levels in the hypothalamus of the cynomolgus monkey.

Reductions in systemic oxygen delivery induce a hypometabolic state in the turtle *Trachemys scripta*.

Distribution spaces for hyaluronan and albumin in rat tail tendons.

Kinetics of the protein-bound, lipophilic, uremic toxin p-cresol in healthy rats.

Characterization of three bioenergetically active respiratory terminal oxidases in the cyanobacterium *Synechocystis* sp. strain PCC 6803.

Role of substrates in the regulation of mitochondrial function in situ.

Identification of a new urinary metabolite of carbon disulfide using an improved method for the determination of 2-thioxothiazolidine-4-carboxylic acid.

Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds.

Neuroendocrine and behavioral implications of endocrine disrupting chemicals in quail.

7-Ethoxyresorufin O-deethylase induction in rainbow trout gill epithelium cultured on permeable supports: asymmetrical distribution of substrate metabolites.

Identification of the major metabolites of prochloraz in rainbow trout by liquid chromatography and tandem mass spectrometry.

The chemistry, toxicology, and identification in rat and human urine of 4-hydroxy-5-phenyl-1,3-oxazaperhydroin-2-one: a reactive metabolite in felbamate bioactivation.

An ATP-sensitive K(+) conductance in dissociated neurones from adult rat intracardiac ganglia.

Glucose metabolism and pulsatile insulin release from isolated islets.

Sex ratio in offspring of those affected by dioxin and dioxin-like compounds: the Yusho, Seveso, and Yucheng incidents.

Dissociation of 5' AMP-activated protein kinase activation and glucose uptake stimulation by mitochondrial uncoupling and hyperosmolar stress: differential sensitivities to intracellular Ca²⁺ and protein kinase C inhibition.

TAT peptide on the surface of liposomes affords their efficient intracellular delivery even at low temperature and in the presence of metabolic inhibitors.

Involvement of cyclooxygenase-2 in the potentiation of allyl alcohol-induced liver injury by bacterial lipopolysaccharide.

Characteristics of transport of fluoresceinated methotrexate in rat small intestine.

Efficient in vitro plant regeneration from immature zygotic embryos of pearl millet [*Pennisetum glaucum* (L.) R. Br.] and *Sorghum bicolor* (L.) Moench.

Metabolism of [14C]1,2,7,8-tetrachlorodibenzo-p-dioxin in a ruminating Holstein calf.

Levels of certain metals, organochlorine pesticides and dioxins in cord blood, maternal blood, human milk and some commonly used nutrients in the surroundings of the Aral Sea (Karakalpakstan, Republic of Uzbekistan).

In vitro model using mouse hepatocytes for study of alcohol stress.

Effect of dioxin on ovarian function in the cynomolgus macaque (*M. fascicularis*).

Cholecystokinin activation of 70-kDa S6 kinase in exocrine pancreas.

Arsenic induces expression of the multidrug resistance-associated protein 2 (MRP2) gene in primary rat and human hepatocytes.

Toxicity characterisation of organic contaminants in stormwaters from an agricultural headwater stream in south east England.

Hypoxia-induced upregulation of eNOS gene expression is redox-sensitive: a comparison between hypoxia and inhibitors of cell metabolism.

A new technique for measuring the cell growth and metabolism of endothelial cells seeded on vascular prostheses.

Measurement of children's exposure to pesticides: analysis of urinary metabolite levels in a probability-based sample.

Intraocular pressure and vascular effects of sodium azide in bovine perfused eye.

Prediction of endocrine disruptors based on a new structure-activity relationship for sex and environmental hormones using chemical hardness concept.

Disposition of polychlorinated dibenzo-p-dioxins, dibenzofurans, and non-ortho polychlorinated biphenyls in pregnant long evans rats and the transfer to offspring.

Skin surface electric potential induced by ion-flux through epidermal cell layers.

Alterations in follicle development, steroidogenesis, and gonadotropin receptor binding in a model of ovulatory blockade.

Biliary excretion of temocapril in zone 1- and zone 3-injured rat.

Renal function, cytogenetic measurements, and sexual development in adolescents in relation to environmental pollutants: a feasibility study of biomarkers.

Strategies for neuroprotection against L-trans-2,4-pyrrolidine dicarboxylate-induced neuronal damage during energy impairment in vitro.

Serum hormone levels in humans with low serum concentrations of 2,3,7,8-TCDD.

Effects of environmental antiandrogens on reproductive development in experimental animals.

Polychlorinated biphenyls, polychlorinated dibenzo-p-dioxins, and polychlorinated dibenzofurans as endocrine disrupters--what we have learned from Yusho disease.

Cytotoxicity of reactive oxygen species and related agents toward undifferentiated and differentiated rat pheochromocytoma PC12 cells.

Levels of hexachlorobenzene and other organochlorine compounds in cord blood: exposure across placenta.

Effects of binary mixtures of six xenobiotics on hormone concentrations and morphometric endpoints of northern bobwhite quail (*Colinus virginianus*).

Induction of CYP1A by benzo[k]fluoranthene in human hepatocytes: CYP1A1 or CYP1A2?

Heparin-induced release of protein-bound solutes during hemodialysis is an in vitro artifact.

DNA damaging agents increase gadd153 (CHOP-10) messenger RNA levels in bovine preimplantation embryos cultured in vitro.

Delivery of genes encoding cardiac K(ATP) channel subunits in conjunction with pinacidil prevents membrane depolarization in cells exposed to chemical hypoxia-reoxygenation.

Cyclopentenone prostaglandins as potential inducers of intracellular oxidative stress.

Effect of arsenite on certain aspects of protein metabolism in fresh water teleost, *Tilapia mossambica* (Peters).

Metabolic inhibition of root water flow in red-osier dogwood (*Cornus stolonifera*) seedlings.

Plant hormone regulation on scopoletin metabolism from culture medium into tobacco cells.

Induction of direct adducts, apurinic/aprimidinic sites and oxidized bases in nuclear DNA of human HeLa S3 tumor cells by tetrachlorohydroquinone.

Oxidative damage and direct adducts in calf thymus DNA induced by the pentachlorophenol metabolites, tetrachlorohydroquinone and tetrachloro-1,4-benzoquinone.

ATP consumption by uncoupled mitochondria activates sarcolemmal K(ATP) channels in cardiac myocytes.

Astrocytes overexpressing Cu,Zn superoxide dismutase have increased resistance to oxidative injury.

Regulation of cytochrome P450 in a primary culture of rainbow trout hepatocytes.

Plasma levels of persistent organohalogenes and hormone levels in adult male humans.

Influence of glucose on glycerol metabolism by wild-type and mutant strains of *Clostridium butyricum* E5 grown in chemostat culture.

Proposal of *Sphingomonas wittichii* sp. nov. for strain RW1T, known as a dibenzo-p-dioxin metabolizer.

Establishment of orally-administered *Lactobacillus gasseri* SBT2055SR in the gastrointestinal tract of humans and its influence on intestinal microflora and metabolism.

Tissue distribution, excretion, and metabolism of 1,2,7,8-tetrachlorodibenzo-p-dioxin in the rat.

Repression of cytochrome P450 1A1 gene expression by oxidative stress: mechanisms and biological implications.

Substrate selectivity of a 3-nitrophenol-induced metabolic system in *Pseudomonas putida* 2NP8 transforming nitroaromatic compounds into ammonia under aerobic conditions.

Fungal metabolism of toluene: monitoring of fluorinated analogs by ¹⁹F nuclear magnetic resonance spectroscopy.

Age-related changes in energy production in fresh senescence-accelerated mouse brain slices as revealed by positron autoradiography.

Acyl-CoA-binding protein in the armadillo Harderian gland: its primary structure and possible role in lipid secretion.

The yeast glycerol 3-phosphatases Gpp1p and Gpp2p are required for glycerol biosynthesis and differentially involved in the cellular responses to osmotic, anaerobic, and oxidative stress.

Immunomodulation of ABA function affects early events in somatic embryo development.

PCB methyl sulphones in rat liver after exposure to PCB (Clophen A50): analysis and radiosynthesis of selected methylsulphonyl-PCBs.

Effects of cresols (o-, m-, and p-isomers) on the bioenergetic system in isolated rat liver mitochondria.

SoxR-dependent response to oxidative stress and virulence of *Erwinia chrysanthemi*: the key role of SufC, an orphan ABC ATPase.

Induction of 7-ethoxyresorufin-O-deethylase activity by planar chlorinated hydrocarbons and polycyclic aromatic hydrocarbons in cell lines from the rainbow trout pituitary.

Suppression of lipid peroxidation in adrenal microsomes following ACTH administration to guinea pigs.

Kinetics of monochloroacetic acid in adult male rats after intravenous injection of a subtoxic and a toxic dose.

In situ hybridization and immunohistochemical analysis of cytochrome P450 1B1 expression in human normal tissues.

Cytochrome P450 2E1 metabolically activates propargyl alcohol: propionaldehyde-induced hepatocyte cytotoxicity.

Metabolism of dibenzo-p-dioxin and chlorinated dibenzo-p-dioxin by a gram-positive bacterium, *Rhodococcus opacus* SAO101.

Cultured rat vascular smooth muscle cells are resistant to methylamine toxicity: no correlation to semicarbazide-sensitive amine oxidase.

Beneficial effect of nitric oxide synthase inhibitor on hepatotoxicity induced by allyl alcohol.

The glutathione metabolism of the beta-lactam producer filamentous fungus *Penicillium chrysogenum*.

Toxic effects of arsenic (III) on some hematopoietic and central nervous system variables in rats and guinea pigs.

Acclimative changes in root epidermal cell fate in response to Fe and P deficiency: a specific role for auxin?

In vitro cytochemical studies of the golgi apparatus of pancreatic acinar cells exposed to drugs that inhibit the transport of membranes and proteins.

Toxicity of pesticides to aquatic microorganisms: a review.

Semiquantitative analysis of types I and III collagen from tendons and ligaments in a rabbit model.

Carcinogen biomarkers for lung or oral cancer chemoprevention trials.

Measurement of plasma metabolites of (S)-5-[¹²³I]iodo-3-(2-azetidylmethoxy)pyridine (5-IA-85380), a nicotinic acetylcholine receptor imaging agent, in nonhuman primates.

Adenosine diphosphate ribose dilates bovine coronary small arteries through apyrase- and 5'-nucleotidase-mediated metabolism.

Metabolic fate of [¹⁴C]-ethanol into endothelial cell phospholipids including platelet-activating factor, sphingomyelin and phosphatidylethanol.

Metabolism of ochratoxin A: absence of formation of genotoxic derivatives by human and rat enzymes.

Effects of tyrosine kinase inhibitors on cell death induced by sodium fluoride and pertussis toxin in the pancreatic beta-cell line, RINm5F.

Health risks posed by use of Di-2-ethylhexyl phthalate (DEHP) in PVC medical devices: a critical review.

Effects of subchronic exposure to complex mixtures of dioxin-like and non-dioxin-like polyhalogenated aromatic compounds on thyroid hormone and vitamin A levels in female Sprague-Dawley rats.

Associations between laboratory parameters and outcome of paraquat poisoning.

Glycosuria in organophosphate and carbamate poisoning.

Acute and repeated vapor exposure toxicology of 3-(methylthio)propionaldehyde.

The effects of atrazine on female wistar rats: an evaluation of the protocol for assessing pubertal development and thyroid function.

The antioxidant ebselen prevents neurotoxicity and clinical symptoms in a primate model of Parkinson's disease.

Purification and characterization of diquat (1,1'-ethylene-2, 2'-dipyridylum)-metabolizing enzyme from paraquat-resistant rat liver cytosol.

Folic acid protects SWV/Fnn embryo fibroblasts against arsenic toxicity.

Evolution of alachlor-induced nasal neoplasms in the Long-Evans rat.

Role of prolactin in chloro-S-triazine rat mammary tumorigenesis.

Evaluation of the genotoxic and cytochrome P450 monooxygenase-inhibitory potential of Dicuran on prokaryotic and eukaryotic test systems.

Effect of atrazine on implantation and early pregnancy in 4 strains of rats.

Modeling and predicting selected immunological effects of a chemical stressor (3,4-dichloropropionanilide) using the area under the corticosterone concentration versus time curve.

The effect of atrazine on puberty in male wistar rats: an evaluation in the protocol for the assessment of pubertal development and thyroid function.

72-kDa stress protein (hsp72) induced by administration of dimethylarsinic acid to mice accumulates in alveolar flat cells of lung, a target organ for arsenic carcinogenesis.

Evaluation of dietary and environmental risk factors for hyperthyroidism in cats.

Hypothalamo-pituitary-adrenal axis activation by administration of cyanamide: a potent inhibitor of aldehyde dehydrogenase.

Cancer mortality in four northern wheat-producing states.

Modifications of the topical Japanese medaka (*Oryzias latipes*) embryo larval assay for assessing developmental toxicity of pentachlorophenol and p, p'-dichlorodiphenyltrichloroethane.

The molecular effects of acrolein.

Chronic toxicity and oncogenicity bioassay in rats with the chloro-s-triazine herbicide cyanazine.

A novel leg-shaking *Drosophila* mutant defective in a voltage-gated K(+) current and hypersensitive to reactive oxygen species.

Lung toxicity of paraquat in the rat.

Potentiated and preferential effects of combined paraquat and maneb on nigrostriatal dopamine systems: environmental risk factors for Parkinson's disease?

Acetochlor-induced rat nasal tumors: further studies on the mode of action and relevance to humans.

Comparative toxicity of trivalent and pentavalent inorganic and methylated arsenicals in rat and human cells.

Roundup inhibits steroidogenesis by disrupting steroidogenic acute regulatory (StAR) protein expression.

Differential modulation of catecholamines by chlorotriazine herbicides in pheochromocytoma (PC12) cells in vitro.

Effect of chlorinated hydrocarbons on expression of cytochrome P450 1A1, 1A2 and 1B1 and 2- and 4-hydroxylation of 17beta-estradiol in female Sprague-Dawley rats.

The selective toxicity of 1-methyl-4-phenylpyridinium to dopaminergic neurons: the role of mitochondrial complex I and reactive oxygen species revisited.

Immunodetection of hepatic peroxisomal PMP70 as an indicator of peroxisomal proliferation in the mummichog, *Fundulus heteroclitus*.

Subchronic toxicity of chlorpropham (CIPC) in ICR mice.

Correlating the severity of paraquat poisoning with specific hemodynamic and oxygen metabolism variables.

Promotion of skin carcinogenesis by dimethylarsinic acid in keratin (K6)/ODC transgenic mice.

Quantitative structure-activity analysis of the algae toxicity of nitroaromatic compounds.

The effect of exposure to a commercial 2,4-D herbicide formulation during gestation on urethan-induced lung adenoma formation in CD-1 mice.

Alterations on polyamine content and glutathione metabolism induced by different concentrations of paraquat in CHO-K1 cells.

Catalytic efficiencies of allelic variants of human glutathione S-transferase Pi in the glutathione conjugation of alpha, beta-unsaturated aldehydes.

Ethane sulfonate metabolite of alachlor: assessment of oncogenic potential based on metabolic and mechanistic considerations.

No significant paraquat-induced oxidative DNA damage in rats.

Safety evaluation and risk assessment of the herbicide Roundup and its active ingredient, glyphosate, for humans.

Effects of L-2-oxothiazolidine-4-carboxylate on the cytotoxic activity and toxicity of cyclophosphamide in mice bearing B16F10 melanoma liver metastases.

Acute metobromuron poisoning with severe associated methemoglobinemia. Identification of four metabolites in plasma and urine by LC-DAD, LC-ESI-MS, and LC-ESI-MS-MS.

Design and application of a biosensor for monitoring toxicity of compounds to eukaryotes.

A higher tier flow-through toxicity test with the green alga *Selenastrum capricornutum*.

A fatal case of chlorate poisoning: confirmation by ion chromatography of body fluids.

Protection by desferrioxamine and other hydroxamic acids against tetrachlorohydroquinone-induced cyto- and genotoxicity in human fibroblasts.

Sex differences in diquat-induced hepatic necrosis and DNA fragmentation in Fischer 344 rats.

Monomethylarsonous acid (MMA(III)) is more toxic than arsenite in Chang human hepatocytes.

1-Methyl-6,7-dihydroxy-1,2,3,4-tetrahydroisoquinoline (salsolinol) is toxic to dopaminergic neuroblastoma SH-SY5Y cells via impairment of cellular energy metabolism.

Atrazine disrupts the hypothalamic control of pituitary-ovarian function.

Secobotrytriendiol and related sesquiterpenoids: new phytotoxic metabolites from *Botrytis cinerea*.

Uptake, toxicity, and effects on detoxication enzymes of atrazine and trifluoroacetate in embryos of zebrafish.

6-Hydroxydopamine toxicity towards human SH-SY5Y dopaminergic neuroblastoma cells: independent of mitochondrial energy metabolism.

A case of transient diabetes insipidus associated with poisoning by a herbicide containing glufosinate.

Mechanisms of toxicity, clinical features, and management of acute chlorophenoxy herbicide poisoning: a review.

Developmental toxicity studies in rats and rabbits with 3,5,6-trichloro-2-pyridinol, the major metabolite of chlorpyrifos.

Disorders of male rat reproductive tract under the influence of atrazine.

Micronucleus test of herbicide terbutol and its metabolites in cultured Chinese hamster lung cells and male CD-1 mice.

Human skin absorption and metabolism of the contact allergens, cinnamic aldehyde, and cinnamic alcohol.

Circulating thyroglobulin transcytosed by thyroid cells in complexed with secretory components of its endocytic receptor megalin.

Role of reactive oxygen intermediates in the decrease of hepatic cytochrome P450 activity by serum of humans and rabbits with an acute inflammatory reaction.

Preventive effects of dietary cabbage acylated anthocyanins on paraquat-induced oxidative stress in rats.

Results of dental amalgam removal and mercury detoxification using DMPS and neural therapy.

Cyclophosphamide-induced cystitis in freely-moving conscious rats: behavioral approach to a new model of visceral pain.

The role of orally administered dimethylarsinic acid, a main metabolite of inorganic arsenics, in the promotion and progression of UVB-induced skin tumorigenesis in hairless mice.

Time course of changes in endothelium-dependent and -independent relaxation of chronically diabetic aorta: role of reactive oxygen species.

Copper chaperone for superoxide dismutase is essential to activate mammalian Cu/Zn superoxide dismutase.

2-Chloro-s-triazine herbicides induce aromatase (CYP19) activity in H295R human adrenocortical carcinoma cells: a novel mechanism for estrogenicity?

Evidence for a role of chloroethylaziridine in the cytotoxicity of cyclophosphamide.

Metabolic effects of 1-methyl-4-phenylpyridinium (MPP(+)) in primary neuron cultures.

Comparative metabolism of chloroacetamide herbicides and selected metabolites in human and rat liver microsomes.

Technical advance: application of high-performance liquid chromatography with photodiode array detection to the metabolic profiling of plant isoprenoids.

2,4-Dichlorophenoxyacetic acid metabolism in transgenic tolerant cotton (*Gossypium hirsutum*).

Determination of glufosinate ammonium and its metabolite (AE F064619 and AE F061517) residues in water by gas chromatography with tandem mass spectrometry after ion exchange cleanup and derivatization.

Different cell death mechanisms and gene expression in human cells induced by pentachlorophenol and its major metabolite, tetrachlorohydroquinone.

Relationship of MTT reduction to stimulants of muscle metabolism.

Pattern recognition analysis of endogenous cell metabolites for high throughput mode of action identification: removing the postscreening dilemma associated with whole-organism high throughput screening.

Analytical method for the determination of atrazine and its dealkylated chlorotriazine metabolites in water using gas chromatography/mass selective detection.

The role of conjugation in hepatotoxicity of troglitazone in human and porcine hepatocyte cultures.

Determination of simazine, terbuthylazine, and their dealkylated chlorotriazine metabolites in soil using sonication microextraction and gas chromatography.

Aerobic metabolism of diclosulam on U.S. and South American soils.

Catalase activity in equine semen.

Metabolic pathways for cytotoxic end product formation from glutamate- and aspartate-containing peptides by *Porphyrromonas gingivalis*.

Characterization of S-triazine herbicide metabolism by a *Nocardioides* sp. isolated from agricultural soils.

House dust levels of selected insecticides and a herbicide measured by the EL and LWW samplers and comparisons to hand rinses and urine metabolites.

Metabolism-based resistance of a wild mustard (*Sinapis arvensis* L.) biotype to ethametsulfuron-methyl.

Metabolism and fate of [(14)C]ethametsulfuron-methyl in rutabaga (*Brassica napobrassica* Mill).

Degradation of atrazine, metolachlor, and pendimethalin in pesticide-contaminated soils: effects of aged residues on soil respiration and plant survival.

Improved rapid analytical method for the urinary determination of 3, 5,6 trichloro-2-pyridinol, a metabolite of chlorpyrifos.

Metabolism of fluroxypyr, fluroxypyr methyl ester, and the herbicide fluroxypyr methylheptyl ester. II: in rat skin homogenates.

Metabolism of fluroxypyr, fluroxypyr methyl ester, and the herbicide fluroxypyr methylheptyl ester. I: during percutaneous absorption through fresh rat and human skin in vitro.

Xenobiotic-mediated production of superoxide by primary cultures of rat cerebral endothelial cells, astrocytes, and neurones.

Electrically driven microseparation methods for pesticides and metabolites: III. Capillary electrochromatography with novel silica-based stationary phases having a surface-bound surfactant moiety.

Evolution of a metabolic pathway for degradation of a toxic xenobiotic: the patchwork approach.

Characterization of the transport of the organic cation [3H]MPP+ in human intestinal epithelial (Caco-2) cells.

Evidence for production of hydroxyl radicals by pentachlorophenol metabolites and hydrogen peroxide: A metal-independent organic Fenton reaction.

Glycerol metabolism in *Lactobacillus collinoides*: production of 3-hydroxypropionaldehyde, a precursor of acrolein.

Analysis of selected herbicide metabolites in surface and ground water of the United States.

Determination of chloroacetanilide herbicide metabolites in water using high-performance liquid chromatography-diode array detection and high-performance liquid chromatography/mass spectrometry.

Occurrence and load of selected herbicides and metabolites in the lower Mississippi River.

The carbon metabolism-controlled *Synechocystis* gap2 gene harbours a conserved enhancer element and a Gram-positive-like -16 promoter box retained in some chloroplast genes.

Spectroscopic study of the sorption of isoxaflutole and its diketonitrile metabolite in dissimilar soils.

Role of megalin (gp330) in transcytosis of thyroglobulin by thyroid cells. A novel function in the control of thyroid hormone release.

Cyanamide-induced activation of the hypothalamo-pituitary-adrenal axis.

Dose-dependent effects on tissue distribution and metabolism of dimethylarsinic acid in the mouse after intravenous administration.

Simultaneous quantification of acetanilide herbicides and their oxanilic and sulfonic acid metabolites in natural waters.

Conjugation of 1-naphthol in primary cell cultures of rat ovarian cells.

In vitro genotoxicity of terbutryn evaluated by the alkaline single-cell microgel-electrophoresis "comet" assay.

Catalase activity in human erythrocytes: effect of phenoxyherbicides and their metabolites.

A secreted peptide growth factor, phytosulfokine, acting as a stimulatory factor of carrot somatic embryo formation.

Stimulatory effect of trans-cinnamaldehyde on noradrenaline secretion in guinea-pig ileum myenteric nerve terminals.

Trans-4-aminoproline, a phytotoxic metabolite with herbicidal activity produced by *Ascochyta caulina*.

A theoretical study on the metabolic requirements resulting from alpha-ketoglutarate-dependent cleavage of phenoxyalkanoates.

Evaluation of the developmental toxicity of thalidomide using frog embryo teratogenesis assay-xenopus (FETAX): biotransformation and detoxification.

Bovine embryo culture in vitro: new developments and post-transfer consequences.

The mercapturic acid biotransformation pathway of hexachlorobenzene is not involved in the induction of splenomegaly, or skin and lung lesions in the Brown Norway rat.

[Endocrine disrupting chemicals and carcinogenesis--breast, testis and prostate cancer].

NRH:quinone oxidoreductase2 (NQO2).

Characterization of ATP-sensitive potassium channels functionally expressed in pituitary GH3 cells.

Spinotrapezius muscle microcirculatory function: effects of surgical exteriorization.

In vivo labeling of mitochondrial complex I (NADH:ubiquinone oxidoreductase) in rat brain using [(3)H]dihydrorotenone.

The effects of perinatal exposure to low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin on immune organs in rats.

[Diagnosis of acute poisoning].

Pharmacological treatment of obesity. Past, present, and future.

Src homology 2 domain substitution modulates the kinase and transforming activities of the Fes protein-tyrosine kinase.

Punctate keratoderma-like lesions on the palms and soles in a patient with chloracne: a new clinical manifestation of dioxin intoxication?

SULT1A1 catalyzes 2-methoxyestradiol sulfonation in MCF-7 breast cancer cells.

Acceleration of phosphatidylcholine synthesis and breakdown by inhibitors of mitochondrial function in neuronal cells: a model of the membrane defect of Alzheimer's disease.

Effects of dioxin and estrogen on collagenase-3 in UMR 106-01 osteosarcoma cells.

New substituted 1-(2,3-dihydrobenzo[1,4]dioxin-2-ylmethyl)piperidin-4-yl derivatives with alpha(2)-adrenoceptor antagonist activity.

[Effect of sodium azide on mitochondrial membrane potential in SH-SY5Y human neuroblastoma cells].

Central versus peripheral mediation of naloxone's perfusion effects in endotoxic rats.

Differential effects of diethylstilbestrol and 2,3,7,8-tetrachlorodibenzo-p-dioxin on thymocyte differentiation, proliferation, and apoptosis in bcl-2 transgenic mouse fetal thymus organ culture.

Three truncated forms of serum albumin associated with pancreatic pseudocyst.

Characterization and sequence elucidation of a novel peptide with molt-inhibiting activity from the South African spiny lobster, *Jasus lalandii*.

Low concentrations of 17beta-estradiol protect single cardiac cells against metabolic stress-induced Ca²⁺ loading.

Determination of plasma concentrations of losartan in patients by HPLC using solid phase extraction and UV detection.

Identification of glycosomes and metabolic end products in pathogenic and nonpathogenic strains of *Cryptobia salmositica* (Kinetoplastida: Bodonidae).

Alterations of the rat mesentery vasculature in experimental diabetes.

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) is associated with hyperinsulinemia and insulin resistance.

TCDD suppression of tissue transglutaminase stimulation by retinoids in malignant human keratinocytes.

Metabolic stress reversibly activates the *Drosophila* light-sensitive channels TRP and TRPL in vivo.

Redistribution of accumulated 2,3,7,8-tetrachlorodibenzo-p-dioxin during coxsackievirus B3 infection in the mouse.

Inhibitory effects of nitric oxide and nitrosative stress on dopamine-beta-hydroxylase.

Mechanisms of inhibitory aryl hydrocarbon receptor-estrogen receptor crosstalk in human breast cancer cells.

Endocytic recycling is required for the presentation of an exogenous peptide via MHC class II molecules.

Radial arm maze performance in rats following gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

The effects of dioxin on reproduction and development.

The association between meconium and the production and reabsorption of lung liquid and lactate loss by in vitro lungs from fetal guinea pigs.

Assessment of mitochondrial energy coupling in vivo by ¹³C/³¹P NMR.

Down-regulation of thyroid transcription factor-1 gene expression in fetal lung hypoplasia is restored by glucocorticoids.

Mobilization of vitamin A stores in rats after administration of 2,3, 7,8-tetrachlorodibenzo-p-dioxin: a kinetic analysis.

S-adenosylmethionine and *Pneumocystis carinii*.

Astrocytes generate isoprostanes in response to trauma or oxygen radicals.

Uncoupling of intestinal mitochondrial oxidative phosphorylation and inhibition of cyclooxygenase are required for the development of NSAID-enteropathy in the rat.

Occupational exposures and pancreatic cancer: a meta-analysis.

Role of antioxidant systems in human androgen-independent prostate cancer cells.

Dioxins: WHO's tolerable daily intake (TDI) revisited.

Human health effects after exposure to 2,3,7,8-TCDD.

Non-carcinogenic effects of TCDD in animals.

Studies on the in vitro phototoxicity of the antidiabetes drug glipizide.

Metabolic control of sodium transport in streptozotocin-induced diabetic rat hearts.

Toxicity of chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in diethylnitrosamine-initiated ovariectomized rats implanted with subcutaneous 17 beta-estradiol pellets.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin alters postnatal development of seminal vesicle epithelium.

Expression of dioxin-related transactivating factors and target genes in human eutopic endometrial and endometriotic tissues.

Second primary neoplasms following non-Hodgkin's lymphoma in New South Wales, Australia.

Comparison of oxidative stress response parameters in newborn mouse liver versus simian virus 40 (SV40)-transformed hepatocyte cell lines.

Effect of TCDD on maternal toxicity and chorionic gonadotropin--bioactivity in the immediate post-implantation period of macaque.

Iron supplementation improves endurance after training in iron-depleted, nonanemic women.

Iron supplementation in goitrous, iron-deficient children improves their response to oral iodized oil.

Induction and regulation of xenobiotic-metabolizing cytochrome P450s in the human A549 lung adenocarcinoma cell line.

Trypsin stimulates integrin alpha(5)beta(1)-dependent adhesion to fibronectin and proliferation of human gastric carcinoma cells through activation of proteinase-activated receptor-2.

Carrier-mediated transport of valproic acid in BeWo cells, a human trophoblast cell line.

Toxic action/toxicity.

Effects of TCDD on thyroid hormone homeostasis in the rat.

Examination of selected food additives and organochlorine food contaminants for androgenic activity in vitro.

Anemia: a cause of intolerance to thyroxine sodium.

Regional differences in hypoxic depolarization and swelling in hippocampal slices.

Serum leptin levels in patients with sideropenic and pernicious anemia: the influence of anemia treatment.

Pharmacokinetics of orally administered camptothecins.

Infusion of total dose iron versus oral iron supplementation in ambulatory peritoneal dialysis patients: a prospective, cross-over trial.

The contributions of various chloroquine salts to the biliary and urinary excretion of hepatic paracetamol conjugation metabolites in the rat.

Antenatal dexamethasone administration inhibits smooth-muscle-cell DNA synthesis in pulmonary-arterial media in nitrofen-induced congenital diaphragmatic hernia in rats.

Increased intracellular generation of reactive oxygen species in mononuclear leukocytes from patients with diabetes mellitus type 2.

Cytokine-inducing activity and antitumor effect of a liposome-incorporated interferon-gamma-inducing molecule derived from OK-432, a streptococcal preparation.

Tyrosine kinase inhibitors reduce bcl-2 expression and induce apoptosis in androgen-dependent cells.

Metabolic and K(ATP) channel-independent actions of keto acid initiators of insulin secretion.

Serum dioxin level in relation to diabetes mellitus among Air Force veterans with background levels of exposure.

Effect of the adrenal 11-beta-hydroxylase inhibitor metyrapone on human hepatic cytochrome P-450 expression: induction of cytochrome P-450 3A4.

Induction of cyclooxygenase expression and enhancement of malignant cell transformation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of iron salts and haemosiderin from a thalassaemia patient on oxygen radical damage as measured in the comet assay.

Role of the aromatic hydrocarbon receptor and [Ah] gene battery in the oxidative stress response, cell cycle control, and apoptosis.

An Historical Review of Steps and Missteps in the Discovery of Anti-Obesity Drugs.

Characterization and immunohistochemical localization of nucleoside triphosphate diphosphohydrolase (NTPDase) in pig adrenal glands (presence of a non-sedimentable isoform).

Insulin increased cAMP phosphodiesterase activity antagonizing metabolic actions of glucagon in rat hepatocytes cultured with herbimycin A.

Efficient plant regeneration through somatic embryogenesis from callus cultures of *Oncidium* (Orchidaceae).

Metabolism of N-isopropylacetanilide in rat.

Impairment of mycophenolate mofetil absorption by iron ion.

Regulation of prostaglandin endoperoxide H synthase-2 induction by dioxin in rat hepatocytes: possible c-Src-mediated pathway.

2,3,7,8-tetrachlorodibenzo-p-dioxin inhibits luminal cell differentiation and androgen responsiveness of the ventral prostate without inhibiting prostatic 5 α -dihydrotestosterone formation or testicular androgen production in rat offspring.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the expression of cytochrome P450 1A1, the aryl hydrocarbon receptor, and the aryl hydrocarbon receptor nuclear translocator in rat brain and pituitary.

Lipid alterations in transient forebrain ischemia: possible new mechanisms of CDP-choline neuroprotection.

Distribution of mRNAs encoding the arylhydrocarbon receptor, arylhydrocarbon receptor nuclear translocator, and arylhydrocarbon receptor nuclear translocator-2 in the rat brain and brainstem.

Involvement of tyrosine kinase activity in 1 α ,25(OH) $_2$ -vitamin D $_3$ signal transduction in skeletal muscle cells.

Down-regulation of L-selectin expression in neutrophils by nonsteroidal anti-inflammatory drugs: role of intracellular ATP concentration.

Analytical method using gas chromatography and ion trap tandem mass spectrometry for the determination of S-triazines and their metabolites in the atmosphere.

Calpain-mediated proteolytic cleavage of troponin I induced by hypoxia or metabolic inhibition in cultured neonatal cardiomyocytes.

Uncoupling of ATP-sensitive potassium current from cell metabolism due to antisense oligonucleotides against sulfonylurea receptor in guinea-pig atrial myocytes.

Involvement of phosphoinositide 3-kinase and its association with pp60src in cholecystokinin-stimulated pancreatic acinar cells.

Quantification of selected pesticide metabolites in human urine using isotope dilution high-performance liquid chromatography/tandem mass spectrometry.

Human toxicokinetics of inhaled monochlorobenzene: latest experimental findings regarding re-evaluation of the biological tolerance value.

Arabidopsis dth9 mutation identifies a gene involved in regulating disease susceptibility without affecting salicylic acid-dependent responses.

Monomethylarsonic acid reductase and monomethylarsonous acid in hamster tissue.

Speciation of key arsenic metabolic intermediates in human urine.

PIP2 and ATP cooperatively prevent cytosolic Ca²⁺-induced modification of ATP-sensitive K⁺ channels in rat pancreatic beta-cells.

Estrogen modulation of prolactin gene expression requires an intact mitogen-activated protein kinase signal transduction pathway in cultured rat pituitary cells.

Chronic toxicity of arsenic in goats: clinicobiochemical changes, pathomorphology and tissue residues.

Investigations on the mutagenicity of 1,4-dichlorobenzene and its main metabolite 2,5-dichlorophenol in vivo and in vitro.

Adrenocorticotropin (ACTH) and corticosterone secretion by perfused pituitary and adrenal glands from rodents exposed to 2,3,7, 8-tetrachlorodibenzo-p-dioxin (TCDD).

A key role for the mitochondrial benzodiazepine receptor in cellular photosensitisation with delta-aminolaevulinic acid.

Differential effects of estrogen and progesterone on AT(1) receptor gene expression in vascular smooth muscle cells.

The carbon source influences the energetic efficiency of the respiratory chain of N₂-fixing *Acetobacter diazotrophicus*.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of different cytotoxins on cytochrome P450 isoforms expression and on glycogen content.

Effect of O₆-benzylguanine on alkylating agent-induced toxicity and mutagenicity. In Chinese hamster ovary cells expressing wild-type and mutant O₆-alkylguanine-DNA alkyltransferases.

Metabolism of lipid peroxidation product, 4-hydroxynonenal (HNE) in rat erythrocytes: role of aldose reductase.

Urinary biomarkers of atrazine exposure among farm pesticide applicators.

Bioenergetics and mitochondrial transmembrane potential during differentiation of cultured osteoblasts.

Effect of a dioxin-like PCB (CB 126) on the biotransformation and genotoxicity of benzo.

Toxicity of TCDD in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P450 1A induction in several organ systems.

Isolation of MFO inducers from tissues of white suckers caged in bleached kraft mill effluent.

Effects of arsenite on central monoamines and plasmatic levels of adrenocorticotrophic hormone (ACTH) in mice.

Mutagenicity of sodium azide and its metabolite azidoalanine in *Drosophila melanogaster*.

Portosystemic shunting and persistent fetal vascular structures in aryl hydrocarbon receptor-deficient mice.

Comparative effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on MCF-7, RL95-2, and LNCaP cells: role of target steroid hormones in cellular responsiveness to CYP1A1 induction.

Arsenic metabolism in seaweed-eating sheep from Northern Scotland.

Extraction of atrazine and its metabolites using supercritical fluids and enhanced-fluidity liquids.

Simultaneous analysis of delta9-THC and its major metabolites in urine, plasma, and meconium by GC-MS using an immunoaffinity extraction procedure.

Caloric restriction of rhesus monkeys lowers oxidative damage in skeletal muscle.

Decreased fatty acid synthesis due to mitochondrial uncoupling in adipose tissue.

Role of protein kinases in the prolactin-induced intracellular calcium rise in Chinese hamster ovary cells expressing the prolactin receptor.

Differential susceptibility of retinal ganglion cells to reactive oxygen species.

TNF-alpha-induced cyclooxygenase-2 expression in human lung epithelial cells: involvement of the phospholipase C-gamma 2, protein kinase C-alpha, tyrosine kinase, NF-kappa B-inducing kinase, and I-kappa B kinase 1/2 pathway.

Interleukin-6 negatively regulates the expression of pregnane X receptor and constitutively activated receptor in primary human hepatocytes.

Platelet-dependent modulation of polymorphonuclear leukocyte chemiluminescence.

Cytosolic [Ca(2+)] modulates basal GLUT1 activity and plays a permissive role in its activation by metabolic stress and insulin in rat epithelial cells.

Metabolic characterization of high- and low-yielding strains of *Penicillium chrysogenum*.

ATP-sensitive potassium channels in freshly dissociated adult rat striatal neurons: activation by metabolic inhibitors and the dopaminergic receptor agonist quinpirole.

TP receptor-mediated vasoconstriction in microperfused afferent arterioles: roles of O(2)(-) and NO.

Endocrine disruptive effects of polychlorinated aromatic hydrocarbons on intestinal cholecystokinin in rats.

Doxorubicin represses CARP gene transcription through the generation of oxidative stress in neonatal rat cardiac myocytes: possible role of serine/threonine kinase-dependent pathways.

Characterization of a second *tfd* gene cluster for chlorophenol and chlorocatechol metabolism on plasmid pJP4 in *Ralstonia eutropha* JMP134(pJP4).

Structure-activity relationships in the induction of DNA-protein cross-links by hematotoxic ring-opened benzene metabolites and related compounds in HL60 cells.

Effects of sodium azide on the secretion of soluble amyloid-beta precursor protein and the accumulation of beta-amyloid(1-40) in cultured chick neurons.

Mapping the bimolecular interface of the parathyroid hormone (PTH)-PTH1 receptor complex: spatial proximity between Lys(27) (of the hormone principal binding domain) and leu(261) (of the first extracellular loop) of the human PTH1 receptor.

Actions of epoxyeicosatrienoic acid on large-conductance Ca(2+)-activated K(+) channels in pituitary GH(3) cells.

Differential sensitivity to hydroxyl radicals of pre- and postjunctional neurovascular transmission in the isolated canine mesenteric vein.

Transformation of mono- and dichlorinated phenoxybenzoates by phenoxybenzoate-dioxygenase in *Pseudomonas pseudoalcaligenes* POB310 and a modified diarylether-metabolizing bacterium.

In vitro culture and embryo metabolism of cattle and sheep embryos - a decade of achievement.

Molecular characterization and developmental expression of the aryl hydrocarbon receptor from the chick embryo.

Cellular and biochemical mechanisms by which environmental oestrogens influence reproductive function.

Assessment of genotoxicity of dental antiseptics: ability of phenol, guaiacol, p-phenolsulfonic acid, sodium hypochlorite, p-chlorophenol, m-cresol or formaldehyde to induce unscheduled DNA synthesis in cultured Syrian hamster embryo cells.

Analysis of hydroxylated metabolites of PCBs (OH-PCBs) and other chlorinated phenolic compounds in whole blood from Canadian Inuit.

Excretion of hexachlorobenzene and metabolites in feces in a highly exposed human population.

Biliary and urinary excretion of inorganic arsenic: monomethylarsonous acid as a major biliary metabolite in rats.

Regulation of aspartate-derived amino-acid metabolism in *Zygosaccharomyces rouxii* compared to *Saccharomyces cerevisiae*.

Synergistic activation of NF-kappaB and inducible isoform of nitric oxide synthase induction by interferon-gamma and tumor necrosis factor-alpha in INS-1 cells.

Metabolic network analysis of *Penicillium chrysogenum* using (13)C-labeled glucose.

Occupational fatalities associated with 2,4-dichlorophenol (2,4-DCP) exposure, 1980-1998.

Comparative induction of CYP1A1 expression by pyridine and its metabolites.

Activation of NFkappaB is necessary for IL-1beta-induced cyclooxygenase-2 (COX-2) expression in human gingival fibroblasts.

Fast urinary screening for paracetamol using on-line microwave assisted hydrolysis and spectrophotometric detection.

Electrically driven microseparation methods for pesticides and metabolites: IV. Effects of the nature of fluorescent labels on the enantioseparation of pesticides and their degradation products by capillary zone electrophoresis with UV and laser-induced fluorescence detection.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters melatonin metabolism in fish hepatocytes.

Thyroidal dysfunction and environmental chemicals--potential impact on brain development.

ATP-sensitive potassium channels in capillaries isolated from guinea-pig heart.

Hydroxylated metabolites of 2,4-dichlorophenol imply a fenton-type reaction in *Gloeophyllum striatum*.

Determination of endocrine disruptors in water after derivatization with N-methyl-N-(tert.-butyldimethyltrifluoroacetamide) using gas chromatography with mass spectrometric detection.

Gonadotropin-releasing hormone (GnRH) partially reverses the inhibitory effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on ovulation in the immature gonadotropin-treated rat.

Sorption and desorption of the diketone nitrile metabolite of isoxaflutole in soils.

Metabolic inactivation of five glycidyl ethers in lung and liver of humans, rats and mice in vitro.

Dermal penetration and metabolism of five glycidyl ethers in human, rat and mouse skin.

Toxic assessment of PCBs by the 2,3,7,8-tetrachlorodibenzo-p-dioxin equivalent in common cormorant (*Phalacrocorax carbo*) from Japan.

A novel function of thyrotropin as a potentiator of electrolyte secretion from the tracheal gland.

Orosomucoid has a cAMP-dependent effect on human endothelial cells and inhibits the action of histamine.

A novel 4 S [3H]beta-naphthoflavone-binding protein in liver cytosol of female Sprague-Dawley rats treated with aryl hydrocarbon receptor agonists.

Myeloperoxidase-catalyzed formation of PCDD/F from chlorophenols.

Endogenously expressed apolipoprotein E has different effects on cell lipid metabolism as compared to exogenous apolipoprotein E carried on triglyceride-rich particles.

Overexpression of wild-type and nuclear-targeted catalase modulates resistance to oxidative stress but does not alter spontaneous mutant frequencies at APRT.

Formation and release of residues of the ¹⁴C-labelled herbicide isoproturon and its metabolites bound in model polymers and in soil.

Induction of heat shock protein 70 by herbimycin A and cyclopentenone prostaglandins in smooth muscle cells.

Mechanism of enhancement by fucoidan and CNBr-fibrinogen digest of the activation of glu-plasminogen by tissue plasminogen activator.

Toxicokinetics.

Metabolic stress and altered glucose transport: activation of AMP-activated protein kinase as a unifying coupling mechanism.

Primary structure of CHH/MIH/GIH-like peptides in sinus gland extracts from *Penaeus vannamei*.

Studies on the mechanisms of arsenic-induced self tolerance developed in liver epithelial cells through continuous low-level arsenite exposure.

Hemopoietic progenitor cells are sensitive targets of 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57BL/6J mice.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the expression of follicle-stimulating hormone receptors during cell differentiation in cultured granulosa cells.

The synthesis, in vitro reactivity, and evidence for formation in humans of 5-phenyl-1,3-oxazinane-2,4-dione, a metabolite of felbamate.

Bioassays with *Vibrio fischeri* for the assessment of delayed toxicity.

Novel priming compounds of cystathionine metabolites on superoxide generation in human neutrophils.

Genetic polymorphism in the biotransformation of inorganic arsenic and its role in toxicity.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the expression of luteinizing hormone receptors during cell differentiation in cultured granulosa cells.

NTP Toxicology and Carcinogenesis Studies of Pyridine (CAS No. 110-86-1) in F344/N Rats, Wistar Rats, and B6C3F1 Mice (Drinking Water Studies).

Involvement of arachidonic acid in chemical stress-induced interleukin-6 synthesis in osteoblast-like cells: comparison with heat shock protein 27 induction.

Hormonal regulation of fruitlet abscission induced by carbohydrate shortage in citrus.

Intestinal transport of beta-thioglycosides by Na⁺/glucose cotransporter.

In-vivo and in-vitro evidence of a carrier-mediated efflux transport system for oestrone-3-sulphate across the blood-cerebrospinal fluid barrier.

Protective effect of L-phenylalanine on rat brain acetylcholinesterase inhibition induced by free radicals.

Active transport of the angiotensin-II antagonist losartan and its main metabolite EXP 3174 across MDCK-MDR1 and caco-2 cell monolayers.

ATP-stimulated c-fos and zif268 mRNA expression is inhibited by chemical hypoxia in a rat brain-derived type 2 astrocyte cell line, RBA-2.

Polyamines in the lung: polyamine uptake and polyamine-linked pathological or toxicological conditions.

Effects of polychlorinated dibenzofurans, biphenyls, and their mixture with dibenzo-p-dioxins on ovulation in the gonadotropin-primed immature rat: support for the toxic equivalency concept.

Determination of albendazole and its main metabolites in ovine plasma by liquid chromatography with dialysis as an integrated sample preparation technique.

Sodium monochloroacetate causes cytotoxic effects, an increased lactate and pyruvate level and induces ultra structural and cytoskeletal alterations in cultured kidney and liver epithelial cells.

Experimental exposure of rat skin to methyl bromide: a toxicokinetic and histopathological study.

Biliary excretion of bile acids and organic anions in zone 1- and zone 3-injured rats.

Parathyroid hormone stimulates extracellular signal-regulated kinase (ERK) activity through two independent signal transduction pathways: role of ERK in sodium-phosphate cotransport.

Pathways of neurosteroid biosynthesis in cell lines from human brain: regulation of dehydroepiandrosterone formation by oxidative stress and beta-amyloid peptide.

¹³C and ¹H NMR study of cellulose metabolism by *Fibrobacter succinogenes* S85.

The lipolytic stimulation of 3T3-L1 adipocytes promotes the translocation of hormone-sensitive lipase to the surfaces of lipid storage droplets.

Cyanide inhibition of chloride conductance across toad skin.

Parallel oscillations of intracellular calcium activity and mitochondrial membrane potential in mouse pancreatic B-cells.

Glutathione depletion in a liver microsomal assay as an in vitro biomarker for reactive metabolite formation.

Effect of arsenic trioxide on metallothionein and its conversion to different arsenic metabolites in hen liver.

Enhancement of transport of D-melphalan analogue by conjugation with L-glutamate across bovine brain microvessel endothelial cell monolayers.

[Fe²⁺-induced oxidative processes in the liver mitochondria of rats].

Nongenotoxic (epigenetic) carcinogens: pesticides as an example. A critical review.

Regulation of programmed cell death in maize endosperm by abscisic acid.

Effect of inhibitors and uncouplers of oxidative phosphorylation during compaction and blastulation of bovine embryos cultured in vitro.

Low dietary cyanogen exposure from frequent consumption of potentially toxic cassava in Malawi.

The aromatic hydrocarbon receptor, transcription, and endocrine aspects of dioxin action.

[Spreading of porcine kidney epithelial cells under normal conditions and under the effect of inhibitors of energy metabolism. II. Behavior of cellular organelles].

[Spreading of porcine kidney epithelial cells under normal condition and under the effect of inhibitors of energy metabolism. I. Dynamics of spreading].

[Chemical accident in Schönbach--an assessment of the risk to health and environment].

Stress-induced, tissue-specific enrichment of hsp70 mRNA accumulation in *Xenopus laevis* embryos.

Application of directly coupled HPLC-NMR-MS/MS to the identification of metabolites of 5-trifluoromethylpyridone (2-hydroxy-5-trifluoromethylpyridine) in hydroponically grown plants.

Contribution of NADH oxidase to aerobic metabolism of *Streptococcus pyogenes*.

Thyroid function and effects on reproduction in ewes exposed to the organochlorine pesticides lindane or pentachlorophenol (PCP) from conception.

Effects of the chlorotriazine herbicide, cyanazine, on GABA(A) receptors in cortical tissue from rat brain.

trans-Activation of PPARalpha and PPARgamma by structurally diverse environmental chemicals.

[The effect of the amine salt of 2,4-dichlorophenoxyacetic acid on the cluster- and colony-forming capacity of the bone marrow and on the mononuclear phagocyte system].

Regulation of antioxidant enzyme gene expression in response to oxidative stress and during differentiation of mouse skeletal muscle.

Effect of cyanamide on toxicity and glutathione depletion in rat hepatocyte cultures: differences between two dichloropropanol isomers.

The mammary tumor response in triazine-treated female rats: a threshold-mediated interaction with strain and species-specific reproductive senescence.

An assessment of fertility in male workers exposed to molinate.

Cigarette smoke induces direct DNA damage in the human B-lymphoid cell line Raji.

Porphyria and chemicals.

Toxicity of selected plant volatiles in microbial and mammalian short-term assays.

Effect of the in vivo catalase inhibition on aminonucleoside nephrosis.

Consideration of individual susceptibility in adverse pesticide effects.

An evaluation of the carcinogenic potential of the herbicide alachlor to man.

Liver preneoplastic changes in mice treated with the herbicide fomesafen.

A toxicokinetic analysis in a patient with acute glufosinate poisoning.

Pentachlorophenol exposure in women with gynecological and endocrine dysfunction.

Serum dioxin, insulin, fasting glucose, and sex hormone-binding globulin in veterans of Operation Ranch Hand.

An evaluation of the feasibility of using cytogenetic damage as a biomarker for alachlor exposure.

A comparison of the relative sensitivity of structural and functional cellular responses in the alga *Chlamydomonas eugametos* exposed to the herbicide paraquat.

Reproductive and endocrine function in rams exposed to the organochlorine pesticides lindane and pentachlorophenol from conception.

Genotoxic activity of the commercial herbicide containing bifenoxy in bovine peripheral lymphocytes.

Maternal and developmental toxicity of halogenated 4'-nitrodiphenyl ethers in mice.

Urinary excretion of biomarkers for radical-induced damage in rats treated with NDMA or diquat and the effects of calcium carbimide co-administration.

Reduced levels of catalase activity potentiate MPP⁺-induced toxicity: comparison between MN9D cells and CHO cells.

Endocrine and reproductive function in ewes exposed to the organochlorine pesticides lindane or pentachlorophenol.

Glutathione-dependent cytotoxicity of the chloroacetanilide herbicides alachlor, metolachlor, and propachlor in rat and human hepatoma-derived cultured cells.

Disposition of pesticides and toxicants in the human reproductive system in cases of acute poisoning.

Clinical course of a fatal ingestion of diquat.

Herbicides and adjuvants: an evolving view.

Endocrine, immune, and behavioral effects of aldicarb (carbamate), atrazine (triazine) and nitrate (fertilizer) mixtures at groundwater concentrations.

Administration of potentially antiandrogenic pesticides (procymidone, linuron, iprodione, chlozolinate, p,p'-DDE, and ketoconazole) and toxic substances (dibutyl- and diethylhexyl phthalate, PCB 169, and ethane dimethane sulphonate) during sexual differentiation produces diverse profiles of reproductive malformations in the male rat.

Acute poisoning with a herbicide containing imazapyr (Arsenal): a report of six cases.

Cytotoxic and porphyrinogenic effects of diphenyl ethers in cultured rat hepatocytes: chlornitrofen (CNP), CNP-amino, chlomethoxyfen and bifenoxy.

Dose-specific production of chlorinated quinone and semiquinone adducts in rodent livers following administration of pentachlorophenol.

Loss of heterozygosity in (LewisxF344)F1 rat urinary bladder tumors induced with N-butyl-N-(4-hydroxybutyl)nitrosamine followed by dimethylarsinic acid or sodium L-ascorbate.

Apicomplexan plastids as drug targets.

Increased activity of H₂O₂ in aorta isolated from chronically streptozotocin-diabetic rats: effects of antioxidant enzymes and enzymes inhibitors.

In vitro and in vivo comparison between the effects of treatment with adenosine triphosphate and treatment with buthionine sulfoximine on chemosensitization and tumour growth of B16 melanoma.

Evidence for site-specific bioactivation of alachlor in the olfactory mucosa of the Long-Evans rat.

Enhanced potential for oxidative stress in hyperinsulinemic rats: imbalance between hepatic peroxisomal hydrogen peroxide production and decomposition due to hyperinsulinemia.

Regulation of human airway mucins by acrolein and inflammatory mediators.

Ethanol co-exposure increases lethality of allyl alcohol in male Sprague-Dawley rats.

Hydrogen peroxide in the breath of rats: the effects of hypoxia and paraquat.

[Features of the inhibition of catalase activity by 3-amino-1,2,4-triazole in erythrocytes and liver of rats with streptozotocin diabetes].

Higher content of insulin-like growth factor-I in dystrophic mdx mouse: potential role in the spontaneous regeneration through an electrophysiological investigation of muscle function.

In vitro metabolism of simazine, atrazine and propazine by hepatic cytochrome P450 enzymes of rat, mouse and guinea pig, and oestrogenic activity of chlorotriazines and their main metabolites.

Differential role of ethanol and acetaldehyde in the induction of oxidative stress in HEP G2 cells: effect on transcription factors AP-1 and NF-kappaB.

Ethanol has differential effects on rat neuron and thymocyte reactive oxygen species levels and cell viability.

Hapten design in the development of competitive enzyme-linked immunosorbent assays for genotoxic metabolites of alachlor.

Metabolism of [(1)(4)C]prometryn in rats.

Lenacil degradation in the environment and its metabolism in the sugar beets.

Electrically driven microseparation methods for pesticides and metabolites. II: on-line and off-line preconcentration of urea herbicides in capillary electrochromatography.

Transendothelial permeability changes induced by free radicals in an in vitro model of the blood-brain barrier.

Knockout of cellular glutathione peroxidase gene renders mice susceptible to diquat-induced oxidative stress.

In vitro metabolism of alachlor by human liver microsomes and human cytochrome P450 isoforms.

Isotope dilution high-performance liquid chromatography/tandem mass spectrometry method for quantifying urinary metabolites of atrazine, malathion, and 2,4-dichlorophenoxyacetic acid.

HPLC-accelerator MS measurement of atrazine metabolites in human urine after dermal exposure.

Quantification of phenylurea herbicides and their free and humic acid-associated metabolites in natural waters.

[Effect of alcohol intoxication and aldehyde dehydrogenase inhibitors on lipid peroxidation in rat liver].

Glyphosate effects on phenolic metabolism of nodulated soybean (*Glycine max* L. merr.).

Comparison of human and rat metabolism of molinate in liver microsomes and slices.

Metabolism of 7-fluoro-6-(3,4,5,6-tetrahydrophthalimido)-4-(2-propynyl)-2H-1,4-benzoxazin-3(4H)-one (S-53482, flumioxazin) in the rat: II. Identification of reduced metabolites.

An ISFET-algal (*Chlamydomonas*) hybrid provides a system for eco-toxicological tests.

Enzymatic synthesis of 4-amino-3,5-diethylphenyl sulfate, a rodent metabolite of alachlor.

Biotransformation of pentachlorophenol, aniline and biphenyl in isolated rainbow trout (*Oncorhynchus mykiss*) hepatocytes: comparison with in vivo metabolism.

Evidence for oestrogen receptor alpha-immunoreactivity in gonadotrophin-releasing hormone-expressing neurones.

In vitro metabolism of chlorotriazines: characterization of simazine, atrazine, and propazine metabolism using liver microsomes from rats treated with various cytochrome P450 inducers.

Analysis of atrazine, terbutylazine and their N-dealkylated chloro and hydroxy metabolites by solid-phase extraction and gas chromatography-mass spectrometry and capillary electrophoresis-ultraviolet detection.

Signals controlling the expression of cytosolic ascorbate peroxidase during pathogen-induced programmed cell death in tobacco.

Lactobacillus sanfranciscensis CB1: manganese, oxygen, superoxide dismutase and metabolism.

Double-disk solid-phase extraction: simultaneous cleanup and trace enrichment of herbicides and metabolites from environmental samples.

Expression of a soybean cytochrome P450 monooxygenase cDNA in yeast and tobacco enhances the metabolism of phenylurea herbicides.

The effects of superoxide and the peripheral benzodiazepine receptor ligands on the mitochondrial processing of manganese-dependent superoxide dismutase.

Studies on the callus cultures of *Ginkgo biloba* and its metabolites-ginkgolides.

Metabolism of 7-fluoro-6-(3,4,5,6-tetrahydrophthalimido)-4-(2-propynyl)-2H-1,4-benzoxazin-3(4H)-one (S-53482) in rat. 1. Identification of a sulfonic acid type conjugate.

Environmental, medical, and family history risk factors for Parkinson's disease: a New England-based case control study.

The steroid hormone dehydroepiandrosterone inhibits CYP1A1 expression in vitro by a post-transcriptional mechanism.

[Dietary fiber inhibits the incidence of hepatic metastasis with the anti-oxidant activity and portal scavenging functions].

Reactive oxygen species in essential hypertension and non-insulin-dependent diabetes mellitus.

Thymocyte development in Ah-receptor-deficient mice is refractory to TCDD-inducible changes.

Taurine prevents high-glucose-induced human vascular endothelial cell apoptosis.

Inhibition of CYP1A1 enzyme activity in mouse hepatoma cell culture by soybean isoflavones.

[Biological actions of acetaldehyde].

Species differences in arsenic-mediated renal copper accumulation: a comparison between rats, mice and guinea pigs.

Interspecies differences in cancer susceptibility and toxicity.

Effect of prenatal exposure to TCDD on the promotion of endometriotic lesion growth by TCDD in adult female rats and mice.

Effects of PCB 126 on primary immune organ development in chicken embryos.

Role of Fas-Fas ligand interactions in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced immunotoxicity: increased resistance of thymocytes from Fas-deficient (lpr) and Fas ligand-defective (gld) mice to TCDD-induced toxicity.

Inhibition of antioxidants and hyperthermia enhance bleomycin-induced cytotoxicity and lipid peroxidation in Chinese hamster ovary cells.

Olestra increases faecal excretion of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) severely alters reproductive function of female hamster offspring.

Multiple antioxidants in the prevention and treatment of Parkinson's disease.

Inhibition of BRCA-1 expression by benzo[a]pyrene and its diol epoxide.

Modulation of cytochrome P4501A1 activity by ascorbigen in murine hepatoma cells.

[Occupational agents and endocrine function: an update of the experimental and human evidence].

Hypoxia induces renal tubular epithelial cell apoptosis in chronic renal disease.

Immunocytochemical identification of islet cells containing calcitonin gene-related peptide-like immunoreactivity in the plains rat pancreas (*Pseudomys australis*).

[Small handbook of dioxin et alias].

Characteristics of L-carnitine transport in cultured human hepatoma HLF cells.

Food toxins, ampa receptors, and motor neuron diseases.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on liver phosphoenolpyruvate carboxykinase (PEPCK) activity, glucose homeostasis and plasma amino acid concentrations in the most TCDD-susceptible and the most TCDD-resistant rat strains.

Secreted form of amyloid precursor protein enhances basal glucose and glutamate transport and protects against oxidative impairment of glucose and glutamate transport in synaptosomes by a cyclic GMP-mediated mechanism.

Role of estradiol receptor-alpha in differential expression of 2,3,7, 8-tetrachlorodibenzo-p-dioxin-inducible genes in the RL95-2 and KLE human endometrial cancer cell lines.

Multiple roles of ligand in transforming the dioxin receptor to an active basic helix-loop-helix/PAS transcription factor complex with the nuclear protein Arnt.

F-actin as a functional target for retro-retinoids: a potential role in anhydroretinol-triggered cell death.

Differential toxicities of TCDD in vivo among normal, c-src knockout, geldanamycin- and quercetin-treated mice.

Dietary restriction and 2-deoxyglucose administration improve behavioral outcome and reduce degeneration of dopaminergic neurons in models of Parkinson's disease.

Interactions of nuclear receptor coactivator/corepressor proteins with the aryl hydrocarbon receptor complex.

Contribution of the nucleoside transport system to doxorubicin transport in HL60 cells but not in mononuclear cells.

74As-arsenate metabolism in Flemish Giant rabbits with renal insufficiency.

PUVA (8-methoxy-psoralen plus ultraviolet A) induces the formation of 8-hydroxy-2'-deoxyguanosine and DNA fragmentation in calf thymus DNA and human epidermoid carcinoma cells.

p27(Kip1) induction and inhibition of proliferation by the intracellular Ah receptor in developing thymus and hepatoma cells.

The myeloperoxidase system of human phagocytes generates Nepsilon-(carboxymethyl)lysine on proteins: a mechanism for producing advanced glycation end products at sites of inflammation.

Lipoxin A4: a new class of ligand for the Ah receptor.

Analysis of urinary nitric oxide metabolites in healthy subjects.

Protoporphyrin IX fluorescence kinetics in C6 glioblastoma cells after delta-aminolevulinic acid incubation: effect of a protoporphyrinogen oxidase inhibitor.

Geographical differences of cancer incidence in Costa Rica in relation to environmental and occupational pesticide exposure.

Toxic equivalency factors of polychlorinated dibenzo-p-dioxins in an ovulation model: validation of the toxic equivalency concept for one aspect of endocrine disruption.

Detoxification of 1-chloro-2,4-dinitrobenzene in MCF7 breast cancer cells expressing glutathione S-transferase P1-1 and/or multidrug resistance protein 1.

Expression of CYP1A1 and CYP1B1 depends on cell-specific factors in human breast cancer cell lines: role of estrogen receptor status.

Serum dioxin and immunologic response in veterans of Operation Ranch Hand.

Biochemistry of hemlock (*Conium maculatum* L.) alkaloids and their acute and chronic toxicity in livestock. A review.

Cancer, heart disease, and diabetes in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Toxicity of 3,3',4,4'-tetrachloroazoxybenzene in rats and mice.

Toxicity of 3,3',4,4'-tetrachloroazobenzene in rats and mice.

Evaluation of diabetes mellitus, serum glucose, and thyroid function among United States workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Low levels of p53 are associated with resistance to tetrachlorodibenzo-p-dioxin toxicity in DBA/2 mice.

The effects of low-flow ischemia on K⁺ fluxes in isolated rat hearts assessed by ⁸⁷Rb NMR.

TCDD-induced anorexia and wasting syndrome in rats: effects of diet-induced obesity and nutrition.

Mechanisms of hypoxic vasodilatation of isolated rat mesenteric arteries: a comparison with metabolic inhibition.

Energy metabolism inhibition impairs amyloid precursor protein secretion from Alzheimer's fibroblasts.

Cross-talk between 2,3,7,8-tetrachlorodibenzo-p-dioxin and testosterone signal transduction pathways in LNCaP prostate cancer cells.

Cytochrome P450 CYP1B1 determines susceptibility to 7, 12-dimethylbenz[a]anthracene-induced lymphomas.

Determination of chloral hydrate metabolites in human plasma by gas chromatography-mass spectrometry.

Cellular disposition of sulphamethoxazole and its metabolites: implications for hypersensitivity.

Relationships between environmental organochlorine contaminant residues, plasma corticosterone concentrations, and intermediary metabolic enzyme activities in Great Lakes herring gull embryos.

Endocrine biomarkers of early fetal loss in cynomolgus macaques (*Macaca fascicularis*) following exposure to dioxin.

A focused approach to anemia.

The genetics of endometriosis.

Isoform-specific induction of a human aldo-keto reductase by polycyclic aromatic hydrocarbons (PAHs), electrophiles, and oxidative stress: implications for the alternative pathway of PAH activation catalyzed by human dihydrodiol dehydrogenase.

Arsenic speciation in human organs following fatal arsenic trioxide poisoning--a case report.

Imprinting: perinatal exposures cause the development of diseases during the adult age.

Dioxin-induced perturbations in tryptophan homeostasis in laboratory animals.

Tryptanthrins and other tryptophan-derived agonists of the dioxin receptor.

Human cytochrome P4501A2.

Effect of varied fermentation periods on the diabetogenic potential of toasted cassava granules.

Lack of competition of substrates for P-glycoprotein in MCF-7 breast cancer cells overexpressing MDR1.

Lung hypoplasia caused by nitrofen is mediated by down-regulation of thyroid transcription factor TTF-1.

Influence of metabolic inhibitors on the intracellular accumulation and retention of adriamycin.

[Changes in lipid metabolism with the use of alcohol deterrent preparations].

A 63 kDa skeletal muscle protein associated with eye muscle inflammation in Graves' disease is identified as the calcium binding protein calsequestrin.

Dual actions of the metabolic inhibitor, sodium azide on K(ATP) channel currents in the rat CRI-G1 insulinoma cell line.

Amelioration of TCDD-induced teratogenesis in aryl hydrocarbon receptor (AhR)-null mice.

Diluted mainstream cigarette smoke condensates activate estrogen receptor and aryl hydrocarbon receptor-mediated gene transcription.

Trovafloxacin: an overview.

Cytotoxicity of cadmium and characteristics of its transport in cardiomyocytes.

Effect of sodium arsenite on plasma levels of gonadotrophins and ovarian steroidogenesis in mature albino rats: duration-dependent response.

The anti-estrogenicity of Ah receptor agonists in carp (*Cyprinus carpio*) hepatocytes.

Enzymatic reduction of arsenic compounds in mammalian systems: the rate-limiting enzyme of rabbit liver arsenic biotransformation is MMA(V) reductase.

Metabolism-based polycyclic aromatic acetylene inhibition of CYP1B1 in 10T1/2 cells potentiates aryl hydrocarbon receptor activity.

Bone marrow stromal cell cytochrome P4501B1 is required for pre-B cell apoptosis induced by 7,12-dimethylbenz[a]anthracene.

Methyl iodide toxicity in rat cerebellar granule cells in vitro: the role of glutathione.

The role of plasma semicarbazide-sensitive amine oxidase in allylamine and beta-aminopropionitrile cardiovascular toxicity: mechanisms of myocardial protection and aortic medial injury in rats.

Herbimycin A and geldanamycin inhibit okadaic acid-induced apoptosis and p38 activation in NRK-52E renal epithelial cells.

The role of polycyclic aromatic hydrocarbon metabolism in dimethylbenz[a]anthracene-induced pre-B lymphocyte apoptosis.

pH-dependent uptake of irinotecan and its active metabolite, SN-38, by intestinal cells.

In vitro plantlet regeneration from mature zygotic embryos of *Pinus wallichiana* A.B. Jacks.

NTP Toxicology and Carcinogenesis Studies of Triethanolamine (CAS No. 102-71-6) in F344 Rats and B6C3F1 Mice (Dermal Studies).

Effects of low oxygen concentrations and metabolic inhibitors on proteoglycan and protein synthesis rates in the intervertebral disc.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) blocks ovulation by a direct action on the ovary without alteration of ovarian steroidogenesis: lack of a direct effect on ovarian granulosa and thecal-interstitial cell steroidogenesis in vitro.

Myeloperoxidase-catalyzed redox-cycling of phenol promotes lipid peroxidation and thiol oxidation in HL-60 cells.

Arsenite uptake and metabolism by rat hepatocyte primary cultures in comparison with kidney- and hepatocyte-derived rat cell lines.

Amount and fate of egg protein escaping assimilation in the small intestine of humans.

Effects of environmental estrogens on tumor necrosis factor alpha-mediated apoptosis in MCF-7 cells.

Effect of sodium arsenite on heme metabolism in cultured chick embryo hepatocytes.

Identification and immunolocalization of two isoforms of ATP-diphosphohydrolase (ATPDase) in the pig immune system.

Chlorophenol and nitrophenol metabolism by *Sphingomonas* sp UG30.

[Significance of urinary concentrations of S-benzyl-N-acetylcysteine (S-BMA) in subjects exposed to toluene].

[Urinary excretion of arsenic and its metabolites in a population of adult males not occupationally exposed in the province of Bari].

Energetics of trout hepatocytes during A23187-induced disruption of Ca²⁺ homeostasis.

Methyl bromide decreases excitability without having immediate toxic effects in rat hippocampal CA1 neurons in vitro.

Effect of glutathione L-cystein and L-djenkolic acid in the synthesis and mutagenicity of azide metabolite in *Bacillus subtilis* ATCC 6633 strain.

Different change patterns of the isozymes of cytochrome P450 and glutathione S-transferases in chemically induced liver damage in rat.

Maintenance of GPIIb-IIIa avidity supporting "irreversible" fibrinogen binding is energy-dependent.

Block of human aorta Kir6.1 by the vascular KATP channel inhibitor U37883A.

Eosinophil apoptosis is mediated by stimulators of cellular oxidative metabolisms and inhibited by antioxidants: involvement of a thiol-sensitive redox regulation in eosinophil cell death.

Induction of endothelial monolayer permeability by phosphatidate.

Slow transport of unpolymerized tubulin and polymerized neurofilament in the squid giant axon.

Reference values and action levels of biological monitoring in occupational exposure.

A longitudinal investigation of selected pesticide metabolites in urine.

A type 5 acid phosphatase gene from *Arabidopsis thaliana* is induced by phosphate starvation and by some other types of phosphate mobilising/oxidative stress conditions.

Direct identification of two contact sites for parathyroid hormone (PTH) in the novel PTH-2 receptor using photoaffinity cross-linking.

Hexachlorobenzene, a dioxin-type compound, increases malic enzyme gene transcription through a mechanism involving the thyroid hormone response element.

Mechanism of intestinal absorption of an orally active beta-lactam prodrug: uptake and transport of carindacillin in Caco-2 cells.

Sperm metabolism of the teleost fishes *Chalcalburnus chalcoides* and *Oncorhynchus mykiss* and its relation to motility and viability.

Role of ATP-dependent K(+) channels in the electrical excitability of early embryonic stem cell-derived cardiomyocytes.

Sulfated tyrosines of thyroglobulin are involved in thyroid hormone synthesis.

High-performance liquid chromatographic-fluorescent method to determine chloroacetaldehyde, a neurotoxic metabolite of the anticancer drug ifosfamide, in plasma and in liver microsomal incubations.

The role of calcium stores in fatigue of isolated single muscle fibres from the cane toad.

Regulation of intracellular ATP concentration under conditions of reduced ATP consumption in pancreatic islets.

Evidence for the involvement of the fatty acid and peroxisomal beta-oxidation pathways in the inhibition by dehydroepiandrosterone (DHEA) and induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and benz(a)anthracene (BA) of cytochrome P4501B1 (CYP1B1) in mouse embryo fibroblasts (C3H10T1/2 cells).

Mechanisms of D-aspartate release under ischemic conditions in mouse hippocampal slices.

Estrogenic potencies of several environmental pollutants, as determined by vitellogenin induction in a carp hepatocyte assay.

The chemistry of the metabolites of cyclophosphamide.

Effects of dexamethasone, growth factors, and tracheal ligation on the development of nitrofen-exposed hypoplastic murine fetal lungs in organ culture.

Effects of TNF-alpha and IL-1beta on iron metabolism by A549 cells and influence on cytotoxicity.

Cortical NADH during pharmacological manipulations of the respiratory chain and spreading depression in vivo.

In vivo and in vitro evidence of blood-brain barrier transport of a novel cationic arginine-vasopressin fragment 4-9 analog.

Analyses of tissues of eight marine species from Atlantic and Pacific coasts for dioxin-like chlorobiphenyls (CBs) and total CBs.

A survey of EPA/OPP and open literature on selected pesticide chemicals. II. Mutagenicity and carcinogenicity of selected chloroacetanilides and related compounds.

Salivary histatin 5 induces non-lytic release of ATP from *Candida albicans* leading to cell death.

Identification of a novel cytosolic tocopherol-binding protein: structure, specificity, and tissue distribution.

Factors affecting organochlorine contaminant concentrations in milk and blood of northern fur seal (*Callorhinus ursinus*) dams and pups from St. George Island, Alaska.

Metabolism of arsenic in primary cultures of human and rat hepatocytes.

Hypoxic hypometabolism in the anesthetized turtle, *Trachemys scripta*.

Inductive and inhibitory effects of non-ortho-substituted polychlorinated biphenyls on estrogen metabolism and human cytochromes P450 1A1 and 1B1.

Characterization of cyclosporin A transport in cultured rabbit corneal epithelial cells: P-glycoprotein transport activity and binding to cyclophilin.

The existence of the 4S polycyclic aromatic hydrocarbon-protein binding in 14-day-old chick embryo liver.

Injection of encapsulated cells producing an ifosfamide-activating cytochrome P450 for targeted chemotherapy to pancreatic tumors.

Disruption of male sex hormones with regard to pesticides: pathophysiological and regulatory aspects.

Simultaneous determination of the urinary metabolites of toluene, xylene and styrene using high-performance capillary electrophoresis. Comparison with high-performance liquid chromatography.

Effects of pentachlorophenol and hydroxylated polychlorinated biphenyls on thyroid hormone conjugation in a rat and a human hepatoma cell line.

Cresol metabolism by the sulfate-reducing bacterium *Desulfotomaculum* sp. strain Groll.

Characterization of glycine transport in cultured Müller glial cells from the retina.

17 β -estradiol induces protein thiol/disulfide oxidoreductases and protects cultured bovine aortic endothelial cells from oxidative stress.

Embryo metabolism during the expansion of the bovine blastocyst.

Chondrocyte death is linked to development of a mitochondrial membrane permeability transition in the growth plate.

The effects of oxidative stress in in vitro cultured astroglial cells.

Factors influencing elevation of intracellular Ca²⁺ in the MCF-10A human mammary epithelial cell line by carcinogenic polycyclic aromatic hydrocarbons.

Gene delivery of Kir6.2/SUR2A in conjunction with pinacidil handles intracellular Ca²⁺ homeostasis under metabolic stress.

Active transport of fentanyl by the blood-brain barrier.

Structural analysis of angiotensin IV receptor (AT4) from selected bovine tissues.

Anaerobic formation and degradation of toxic aromatic compounds in agricultural and communal sewage deposits.

Cross-talk between the aryl hydrocarbon receptor and hypoxia inducible factor signaling pathways. Demonstration of competition and compensation.

Involvement of tyrosine kinases on cyclooxygenase expression and prostaglandin E₂ production in human gingival fibroblasts stimulated with interleukin-1 β and epidermal growth factor.

Inhibition of both Na/H and bicarbonate-dependent exchange is required to prevent recovery of intracellular pH in single cardiomyocytes exposed to metabolic stress.

Mitochondria present in excised patches from pancreatic B-cells may form microcompartments with ATP-dependent potassium channels.

Phenolic content in differentiated tissue cultures of untransformed and *Agrobacterium*-transformed roots of anise (*Pimpinella anisum* L.).

ECC-1 human endometrial cells as a model system to study dioxin disruption of steroid hormone function.

The relation between the action potential duration, the increase in resting tension, and ATP content during metabolic inhibition in guinea pig ventricular muscles.

[Effects of hepatoprotective agents containing phospholipids on cytochrome P-450-dependent antitoxic liver function during experimental toxic hepatitis].

Dose dependent changes in ⁷⁴As-arsenate metabolism of Flemish Giant rabbits.

Carbonyl stress in the pathogenesis of diabetic nephropathy.

Metabolism of polychlorinated dibenzo-p-dioxins and related dioxin-like compounds.

Immunohistochemical evidence for an increased oxidative stress and carbonyl modification of proteins in diabetic glomerular lesions.

Ethanol modulation of intestinal epithelial tight junction barrier.

Involvement of RhoA and its interaction with protein kinase C and Src in CCK-stimulated pancreatic acini.

Potential mechanisms of thyroid disruption in humans: interaction of organochlorine compounds with thyroid receptor, transthyretin, and thyroid-binding globulin.

Secretion of primary urine by glomeruli of the hagfish kidney.

Regulation of cytochrome P4501B1 (CYP1B1) in mouse embryo fibroblast (C3H10T1/2) cells by protein kinase C (PKC).

Inhibition of protoporphyrinogen oxidase expression in Arabidopsis causes a lesion-mimic phenotype that induces systemic acquired resistance.

Production of the sedative triterpene galphimine B in *Galphimia glauca* tissue culture.

Simple and sensitive analysis of nereistoxin and its metabolites in human serum using headspace solid-phase microextraction and gas chromatography-mass spectrometry.

Central nervous system effects of intranasally administered insulin during euglycemia in men.

Embryo-specific gene expression in microspore-derived embryos of *brassica napus*. An interaction between abscisic acid and jasmonic acid^{1,2}.

Glucose-receptive neurones in the rat ventromedial hypothalamus express KATP channels composed of Kir6.1 and SUR1 subunits.

Alterations of matrix- and cell-associated proteoglycans inhibit osteogenesis and growth response to fibroblast growth factor-2 in cultured rat mandibular condyle and calvaria.

Transport of rimsulfuron and its metabolites in soil columns.

Synergism of energy starvation and dextran-conjugated doxorubicin in the killing of multidrug-resistant KB carcinoma cells.

Cytochrome 1A1 induction by primaquine in human hepatocytes and HepG2 cells: absence of binding to the aryl hydrocarbon receptor.

Direct assay of nonopioid analgesics and their metabolites in human urine by capillary electrophoresis and capillary electrophoresis-mass spectrometry.

Glucose stimulates translocation of the homeodomain transcription factor PDX1 from the cytoplasm to the nucleus in pancreatic beta-cells.

Glucose and non-glucidic nutrients exert permissive effects on 2-keto acid regulation of pancreatic beta-cell function.

A Preliminary Comparison of LiverBeads[®] with a Conventional Rat Hepatocyte Culture Preparation: Some Aspects of Xenobiotic Metabolism and Related Toxicity.

Induction of cytochrome P450 1A and DNA damage in isolated rainbow trout (*Oncorhynchus mykiss*) hepatocytes by 2,3,7,8 tetrachlorodibenzo-p-dioxin.

[Genetic algorithms in 3D-QSAR: Predicting the toxicity of dibenzodioxins, dibenzofurans and biphenyls].

Mechanism of mitogenic effect of fluoride on fetal rat osteoblastic cells: evidence for Shc, Grb2 and P-CREB-dependent pathways.

Assessing the effect of reactive oxygen species on *Escherichia coli* using a metabolome approach.

Effect of inhibitors on the biotransformation of tamoxifen by female rat and mouse liver slices and homogenates.

Metabolism of polychlorinated dibenzo-p-dioxins by rat liver microsomes.

Neuroendocrine and reproductive effects of contemporary-use pesticides.

A comparison of 1H8- and 2H8-toluene toxicokinetics in men.

Radical ideas: genetic responses to oxidative stress.

Role of cholinergic receptors and cholinesterase activity in hemodynamic responses to cocaine in conscious rats.

Metabolic disposition of a monoterpene ketone, piperitenone, in rats: evidence for the formation of a known toxin, p-cresol.

Endocytosis and exocytosis events regulate vesicle traffic in endothelial cells.

Ah receptor and NF-kappaB interactions, a potential mechanism for dioxin toxicity.

Fluid shear stress stimulates big mitogen-activated protein kinase 1 (BMK1) activity in endothelial cells. Dependence on tyrosine kinases and intracellular calcium.

3-nitroadipate, a metabolic intermediate for mineralization of 2, 4-dinitrophenol by a new strain of a *Rhodococcus* species.

Promotion of NCI-Black-Reiter male rat bladder carcinogenesis by dimethylarsinic acid an organic arsenic compound.

Contribution of serum and cellular semicarbazide-sensitive amine oxidase to amine metabolism and cardiovascular toxicity.

[Computer analysis of microimages of adrenal glands during poisoning with organochlorine compounds].

Involvement of capsaicin-sensitive nerves in paraquat-induced mortality.

Chronic dietary toxicity study on 2,4-dichlorophenoxybutyric acid in the dog.

Effects of the herbicide atrazine on *Ambystoma tigrinum* metamorphosis: duration, larval growth, and hormonal response.

Application of anterior pituitary cell culture in toxicological research.

Effects of environmental synthetic chemicals on thyroid function.

The role of glutathione S-transferases as a defense against reactive electrophiles in the blood vessel wall.

Mutagenic interactions of model chemical mixtures.

Lack of genotoxicity of the herbicide atrazine in cultured human lymphocytes.

From toxicological problem to therapeutic use: the discovery of the mode of action of 2-(2-nitro-4-trifluoromethylbenzoyl)-1,3-cyclohexanedione (NTBC), its toxicology and development as a drug.

Monitoring impact of a pesticide treatment on bacterial soil communities by metabolic and genetic fingerprinting in addition to conventional testing procedures.

Lack of mammalian mutagenicity of the potent bacterial mutagen tris(2,3-dibromopropyl) phosphate and its metabolite 2-bromoacrolein.

The reproductive toxicity of molinate and metabolites to the male rat: effects on testosterone and sperm morphology.

Cellular glutathione peroxidase is the mediator of body selenium to protect against paraquat lethality in transgenic mice.

Metabolism and cytotoxicity of chlorpropham (CIPC) and its essential metabolites in isolated rat hepatocytes during a partial inhibition of sulphation and glucuronidation reactions: a comparative study.

Influence of phenoxyherbicides and their metabolites on the form of oxy- and deoxyhemoglobin of vertebrates.

Paraquat-induced renal injury studied by ¹H nuclear magnetic resonance spectroscopy of urine.

Effects of the pesticides carbofuran, chlorpyrifos, dimethoate, lindane, triallate, trifluralin, 2,4-D, and pentachlorophenol on the metabolic endocrine and reproductive endocrine system in ewes.

Reproductive effects in mink (*Mustela vison*) exposed to the pesticides Lindane, Carbofuran and Pentachlorophenol in a multigeneration study.

[Structural-functional changes in the thyroid gland after chronic exposure to the dioxin-containing herbicide 2,4-D].

Dermatotoxicity of agricultural chemicals in the dorsal skin of hairless dogs.

Molinate: rodent reproductive toxicity and its relevance to humans--a review.

Rubrobramide, a cytotoxic and phytotoxic metabolite from *Cladobotyrum rubrobrunnescens*.

Testicular toxicity of molinate in the rat: metabolic activation via sulfoxidation.

Inorganic and methylated arsenic compounds induce cell death in murine macrophages via different mechanisms.

Dimethylarsinic acid, a main metabolite of inorganic arsenics, has tumorigenicity and progression effects in the pulmonary tumors of A/J mice.

G-protein activation and expression in lung injury.

Aneuploidy induced by dimethylarsinic acid in mouse bone marrow cells.

2,4-Dichlorophenoxybutyric acid-resistant mutants of Arabidopsis have defects in glyoxysomal fatty acid beta-oxidation.

Cytoplasmic liver cell inclusions--a typical feature of porphyria cutanea tarda--are absent in porphyria-related hepatic neoplasias.

Antioxidant and detoxifying enzymes in the liver and kidney of pheasants after intoxication by herbicides MCPA and ANITEN I.

Extraperoxisomal targets of peroxisome proliferators: mitochondrial, microsomal, and cytosolic effects. Implications for health and disease.

Chlorinated hydrocarbons in women with repeated miscarriages.

Prolonged swimming, recovery and repeat swimming performance of mature sockeye salmon *Oncorhynchus nerka* exposed to moderate hypoxia and pentachlorophenol.

A morbidity study of former pentachlorophenol-production workers.

Mechanisms of inhibition of aldehyde dehydrogenase by nitroxyl, the active metabolite of the alcohol deterrent agent cyanamide.

Excretion kinetics of ifosfamide side-chain metabolites in children on continuous and short-term infusion.

Protein-bound acrolein: potential markers for oxidative stress.

Feeding fish oil to rats accelerates the metabolism of hexachlorobenzene.

Cytotoxic metabolites produced by a fungal strain from a *Sargassum* alga.

Exposure to dioxin and nonneoplastic mortality in the expanded IARC international cohort study of phenoxy herbicide and chlorophenol production workers and sprayers.

S-oxygenation of thiourea results in the formation of genotoxic products.

Application of an androgen receptor assay for the characterisation of the androgenic or antiandrogenic activity of various phenylurea herbicides and their derivatives.

Regionally specific changes in central brain monoamine levels by 2,4-dichlorophenoxyacetic acid in acute treated rats.

In vitro biotransformation of atrazine by rat liver microsomal cytochrome P450 enzymes.

Insect cytochromes P450: diversity, insecticide resistance and tolerance to plant toxins.

Sulcotrione soil metabolism in summer corn crops.

Monitoring of pesticide residues and their metabolites in surface and underground waters of Imathia (N. Greece) by means of solid-phase extraction disks and gas chromatography.

[Peroxisomes and peroxisome proliferators. Specific environmental poisons and therapeutic agents affecting lipid metabolism and hormone release].

Analytical performance of accelerator mass spectrometry and liquid scintillation counting for detection of ¹⁴C-labeled atrazine metabolites in human urine.

Inhibitory effect of pentachlorophenol on gap junctional intercellular communication in rat liver epithelial cells in vitro.

Coupled-column liquid chromatography applied to the trace-level determination of triazine herbicides and some of their metabolites in water samples.

Exposure to inorganic arsenic metabolites during early human development.

Reaffirmation that metabolism of polyamines by bovine plasma amine oxidase occurs strictly at the primary amino termini.

Cultured renal epithelial cells from birds and mice: enhanced resistance of avian cells to oxidative stress and DNA damage.

Dependence of aldehyde dehydrogenase-mediated oxazaphosphorine resistance on soluble thiols: importance of thiol interactions with the secondary metabolite acrolein.

Growth on urea can trigger death and peroxidation of the cyanobacterium *Synechococcus* sp. strain PCC 7002.

Metabolism and distribution of [2,3-¹⁴C]acrolein in Sprague-Dawley rats. II. Identification of urinary and fecal metabolites.

Genes for 2,4,5-trichlorophenoxyacetic acid metabolism in *Burkholderia cepacia* AC1100: characterization of the tftC and tftD genes and locations of the tft operons on multiple replicons.

Electronic spin resonance detection of superoxide and hydroxyl radicals during the reductive metabolism of drugs by rat brain preparations and isolated cerebral microvessels.

Determination of chlorpyrifos, chlorpyrifos oxon, and 3,5,6-trichloro-2-pyridinol in rat and human blood.

Dialkylquinonimines validated as in vivo metabolites of alachlor, acetochlor, and metolachlor herbicides in rats.

Simultaneous determination of chlorimuron-ethyl and its major metabolites in soil and water by reversed phase liquid chromatography.

DNA adduct formation by the pesticide alachlor and its metabolite 2-chloro-N-(2,6-diethylphenyl)acetamide (CDEPA).

Effect of arsenosugar ingestion on urinary arsenic speciation.

Induction of Arabidopsis tryptophan pathway enzymes and camalexin by amino acid starvation, oxidative stress, and an abiotic elicitor.

Gastric and intestinal ethanol toxicity in the rat. Effect on glutathione level and role of alcohol and acetaldehyde metabolisms.

Muscle cells from mdx mice have an increased susceptibility to oxidative stress.

Determination of hexazinone and its metabolites in groundwater by capillary electrophoresis.

Urinary arsenic species in Devon and Cornwall residents, UK. A pilot study.

Ethanol-induced changes of intracellular thiol compartmentation and protein redox status in the rat liver: effect of tauroursodeoxycholate.

AtzC is a new member of the amidohydrolase protein superfamily and is homologous to other atrazine-metabolizing enzymes.

Ah receptor agonists as endocrine disruptors: antiestrogenic activity and mechanisms.

Expression of mucin-associated sulfo-Lea carbohydrate epitopes on human colon carcinoma cells.

Body weight loss and changes in tryptophan homeostasis by chlorinated dibenzo-p-dioxin congeners in the most TCDD-susceptible and the most TCDD-resistant rat strain.

Role of heparan sulphate proteoglycans in the regulation of human lactoferrin binding and activity in the MDA-MB-231 breast cancer cell line.

Determination of the enzymes responsible for activation of the heterocyclic amine 2-amino-3-methylimidazo[4,5-f]quinoline in the human breast.

Interactive toxicity and stress protein expression by vinylidene chloride and monochloroacetate in precision-cut rat liver slices.

Concentrated cresol intoxication.

Enantiomers of flurbiprofen can distinguish key pathophysiological steps of NSAID enteropathy in the rat.

Mechanism of action of the nongenotoxic peroxisome proliferators: role of the peroxisome proliferator-activator receptor alpha.

Differential gene expression at gestational days 14 and 16 in normal and nitrogen-induced hypoplastic murine fetal lungs with coexistent diaphragmatic hernia.

Marked increases of aminotransferase levels after cresol ingestion.

Oncostatin M up-regulates tissue inhibitor of metalloproteinases-3 gene expression in articular chondrocytes via de novo transcription, protein synthesis, and tyrosine kinase- and mitogen-activated protein kinase-dependent mechanisms.

Production and purification of a recombinant human hsp60 epitope using the cellulose-binding domain in *Escherichia coli*.

Zoxazolamine-induced paralysis in two rat substrains: differences in hepatic drug metabolism.

Solid waste and pancreatic cancer: an ecologic study in Florida, USA.

Reptiles as models of contaminant-induced endocrine disruption.

Metabolic recovery of isolated adult rat cardiomyocytes after energy depletion: existence of an ATP threshold?

Pathways for eosinophil lipid body induction: differing signal transduction in cells from normal and hypereosinophilic subjects.

S 18126 ([2-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)piperazin-1-yl methyl]indan-2-yl]), a potent, selective and competitive antagonist at dopamine D4 receptors: an in vitro and in vivo comparison with L 745,870 (3-(4-[4-chlorophenyl]piperazin-1-yl)methyl-1H-pyrrolo[2, 3b]pyridine) and raclopride.

Advanced glycation end products induce crosslinking of collagen in vitro.

[Dioxins: current knowledge about health effects].

Prenatal TCDD and predisposition to mammary cancer in the rat.

Stimulation of the stress-induced expression of stress proteins by curcumin in cultured cells and in rat tissues in vivo.

Nitric oxide inhibits stress-induced endothelial cell apoptosis.

12-O-tetradecanoylphorbol-13-acetate upregulates the Ah receptor and differentially alters CYP1B1 and CYP1A1 expression in MCF-7 breast cancer cells.

Genesis of the uraemic syndrome: role of uraemic toxins.

Activation of the Ah receptor by tryptophan and tryptophan metabolites.

Aryl hydrocarbon receptor-mediated antiestrogenicity in MCF-7 cells: modulation of hormone-induced cell cycle enzymes.

Glucosamine-induced insulin resistance in 3T3-L1 adipocytes is caused by depletion of intracellular ATP.

Cardiac teratogenicity of trichloroethylene metabolites.

Mode of carcinogenic action of pesticides inducing thyroid follicular cell tumors in rodents.

Effects of dietary exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in adult female mink (*Mustela vison*).

Urinary levels of inorganic and organic arsenic metabolites among residents in an arseniasis-hyperendemic area in Taiwan.

Effect of curcumin on the aryl hydrocarbon receptor and cytochrome P450 1A1 in MCF-7 human breast carcinoma cells.

Benzo[a]pyrene enhances the formation of 8-hydroxy-2'-deoxyguanosine by ultraviolet A radiation in calf thymus DNA and human epidermoid carcinoma cells.

Manganese uptake and release by cultured human hepato-carcinoma (Hep-G2) cells.

Effects on developmental landmarks and reproductive capability of 3,3',4,4'-tetrachlorobiphenyl and 3,3',4,4',5-pentachlorobiphenyl in offspring of rats exposed during pregnancy.

Use of model-based compartmental analysis to study effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on vitamin A kinetics in rats.

Overexpression of the anti-apoptotic oncogene, bcl-2, in the thymus does not prevent thymic atrophy induced by estradiol or 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Developmental and reproductive toxicity of inorganic arsenic: animal studies and human concerns.

Role of tyrosine phosphorylation in leptin activation of ATP-sensitive K⁺ channels in the rat insulinoma cell line CRI-G1.

Atherosclerotic risks from chemicals: part II. A RASH analysis of in vitro and in vivo bioassay data to evaluate 45 potentially hazardous compounds.

Urinary excretion of arsenic metabolites after long-term oral administration of various arsenic compounds to rats.

Effect of vitamin C on androgen independent prostate cancer cells (PC3 and Mat-Ly-Lu) in vitro: involvement of reactive oxygen species-effect on cell number, viability and DNA synthesis.

Effect of dichloroacetic acid and trichloroacetic acid on DNA methylation in liver and tumors of female B6C3F1 mice.

Effects of glucose deprivation, chemical hypoxia, and simulated ischemia on Na⁺ homeostasis in rat spinal cord astrocytes.

[Effect of GABA and piracetam on on ATPase activity in brain and liver mitochondria in experimental hypokinesia].

Respiratory and cardiovascular effects of the mu-opioid receptor agonist [Lys7]dermorphin in awake rats.

Dioxin and diabetes mellitus.

Elimination kinetics and toxicity of 2,3,7,8-tetrachlorothianthren, a thio analogue of 2,3,7,8-TCDD.

Thymic alterations induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin are strictly dependent on aryl hydrocarbon receptor activation in hemopoietic cells.

Interference between progesterone and dioxin signal transduction pathways. Different mechanisms are involved in repression by the progesterone receptor A and B isoforms.

The Seveso studies on early and long-term effects of dioxin exposure: a review.

Inhibition of vascular and epithelial differentiation in murine nitrofen-induced diaphragmatic hernia.

Induction of 16 α -/2-hydroxyestrone metabolite ratios in MCF-7 cells by pesticides, carcinogens, and antiestrogens does not predict mammary carcinogens.

Detection of P450c17-independent pathways for dehydroepiandrosterone (DHEA) biosynthesis in brain glial tumor cells.

Oxalate uptake in fetal rat myoblasts.

The genetics of endometriosis.

Role of altered arachidonic acid metabolism in 2,3,7, 8-tetrachlorodibenzo-p-dioxin-induced immune suppression in C57Bl/6 mice.

Microangiopathic hemolytic anemia as a complication of diabetes mellitus.

Hypoferremia, absent bone marrow macrophage iron, and microcytic anemia with minimal response to iron therapy: an acquired disorder of iron metabolism.

Differential display of genes in normal and hypoplastic fetal murine lungs.

Tyrosine kinase-dependent modulation of 3-hydroxy-3-methylglutaryl-CoA reductase in human breast adenocarcinoma SKBR-3 cells.

Overexpression and activation of the tyrosine kinase Src in human pancreatic carcinoma.

Effective utilization of erythropoietin with intravenous iron therapy.

Dioxin exposure and non-malignant health effects: a mortality study.

Neurotrophic factors decrease the release of creatine kinase and prostaglandin E2 from metabolically stressed muscle.

Acute intoxication with trichloroethene: clinical symptoms, toxicokinetics, metabolism, and development of biochemical parameters for renal damage.

Characterization of the effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in B6C3F1 and DBA/2 mice following single and repeated exposures.

Differential expression of CYP1A1 and CYP1B1 in human breast epithelial cells and breast tumor cells.

The 64-kilodalton eye muscle protein is the flavoprotein subunit of mitochondrial succinate dehydrogenase: the corresponding serum antibodies are good markers of an immune-mediated damage to the eye muscle in patients with Graves' hyperthyroidism.

Protein profiles and identification of high performance liquid chromatography isolated proteins of cancer cell lines using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry.

Induction of cellular processes containing collagenase and retinoid by integrin-binding to interstitial collagen in hepatic stellate cell culture.

Chromosome aberrations in vitro related to cytotoxicity of nonmutagenic chemicals and metabolic poisons.

Three novel type I collagen mutations in osteogenesis imperfecta type IV probands are associated with discrepancies between electrophoretic migration of osteoblast and fibroblast collagen.

Effects of the nonsteroidal anti-inflammatory drug nimesulide on energy metabolism in livers from adjuvant-induced arthritic rats.

Porphyria and porphyrinology--the past fifteen years.

Interaction between iron metabolism and 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice with variants of the Ahr gene: a hepatic oxidative mechanism.

Modulation of ovarian follicle maturation and effects on apoptotic cell death in Holtzman rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in utero and lactationally.

Alternative methods for mechanistic studies in toxicology. Screening of hepatotoxicity of pesticides using freshly isolated and primary cultured hepatocytes and non-liver-derived cells, SIRC cells.

Xenoendocrine disrupters: laboratory studies on male reproductive effects.

Regulation of System A amino acid transport in L6 rat skeletal muscle cells by insulin, chemical and hyperthermic stress.

Metabolic depletion inhibits the uptake of nontransferrin-bound iron by K562 cells.

Evidence for Ah receptor mediation of increased ACTH concentrations in primary cultures of rat anterior pituitary cells exposed to TCDD.

Dose-response relationships for disposition and hepatic sequestration of polyhalogenated dibenzo-p-dioxins, dibenzofurans, and biphenyls following subchronic treatment in mice.

Epidermal growth factor receptor as a mediator of developmental toxicity of dioxin in mouse embryonic teeth.

Delta opiate receptors account for the castration-induced unmasking of gonadotropin-releasing hormone binding sites in the rat pituitary.

Bone marrow stromal cells constitutively express high levels of cytochrome P4501B1 that metabolize 7,12-dimethylbenz[a]anthracene.

Abscisic acid-dependent and -independent expression of the carrot late-embryogenesis-abundant-class gene Dc3 in transgenic tobacco seedlings.

Rapid stimulation of glucose transport by mitochondrial uncoupling depends in part on cytosolic Ca²⁺ and cPKC.

Tyrosine kinase inhibitors suppress prostaglandin F₂α-induced phosphoinositide hydrolysis, Ca²⁺ elevation and contraction in iris sphincter smooth muscle.

Adult olfactory epithelium contains multipotent progenitors that give rise to neurons and non-neural cells.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazoxybenzene (CAS No. 21232-47-3) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazobenzene (CAS No. 14047-09-7) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

Effects of the agrochemicals butachlor, pretilachlor and isoprothiolane on rat liver xenobiotic-metabolizing enzymes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induction of cytochrome P450-dependent arachidonic acid metabolism in mouse liver microsomes: evidence for species-specific differences in responses.

Effects of carbaryl and naphthalene on rat hepatic CYP1A1/2: potential binding to Ah receptor and 4S benzo(a)pyrene-binding protein.

The chemically inducible plant cytochrome P450 CYP76B1 actively metabolizes phenylureas and other xenobiotics.

Aryl hydrocarbon receptor regulation of cytochrome P4501B1 in rat mammary fibroblasts: evidence for transcriptional repression by glucocorticoids.

Cytochrome P450 1B1: a major P450 isoenzyme in human blood monocytes and macrophage subsets.

Aromatic and polycyclic hydrocarbons in air and their urinary metabolites in coke plant workers.

Invasion of aortic and heart endothelial cells by *Porphyromonas gingivalis*.

Level of HgCl₂-mediated phosphorylation of intracellular proteins determines death of thymic T-lymphocytes with or without DNA fragmentation.

Fibronectin stimulates transcription of the platelet-derived growth factor beta-receptor in cultured rat aortic smooth muscle cells.

Branched-chain amino acids are essential in the regulation of PHAS-I and p70 S6 kinase by pancreatic beta-cells. A possible role in protein translation and mitogenic signaling.

Structural and functional comparison of agents interfering with dihydroorotate, succinate and NADH oxidation of rat liver mitochondria.

Endothelium-dependent relaxation to hydrogen peroxide in canine basilar artery: a potential new cerebral dilator mechanism.

Biotransformation of 2-chloroaniline in the Fischer 344 rat: identification of urinary metabolites.

2,3,7,8-Tetrachlorodibenzo-p-dioxin in pregnant Long Evans rats: disposition to maternal and embryo/fetal tissues.

Metabolism and disposition of 1,4,7,8-tetrachlorodibenzo-p-dioxin in rats.

Analysis of gene expression in lung and thymus of TCDD treated C57BL/6 mice using differential display RT-PCR.

Postnatal exposure to chlorinated dioxins and related chemicals on thyroid hormone status in Japanese breast-fed infants.

Sulfation of thyroid hormones by liver of rainbow trout, *Oncorhynchus mykiss*.

Transgenic analysis of the cSOD-null phenotypic syndrome in *Drosophila*.

Evidence for impaired assimilation and increased colonic fermentation of protein, related to gastric acid suppression therapy.

Metabolism of ethanol by rat pancreatic acinar cells.

Decreased expression of gamma-glutamyltranspeptidase in the intestinal cell line Caco-2 by inducers of cytochrome P450 1A1.

Contaminants in eggs of colonial waterbirds and hepatic cytochrome P450 enzyme levels in pipped tern embryos, Washington State.

Influence of trophic status on the toxic effects of a herbicide: A microcosm study.

Morphological, physiological and metabolic comparisons between runner-like and sheet-like inbred lines of a colonial hydroid.

On the role of the peroxisome in the metabolism of drugs and xenobiotics.

Modulatory effects of melatonin on genotoxic response of reference mutagens in the Ames test and the comet assay.

Type I collagen influence on gene expression in UMR106-06 osteoblast-like cells is inhibited by genistein.

Biological monitoring of occupational exposure to arsenic by determining urinary content of inorganic arsenic and its methylated metabolites.

Regulation of adenylyl cyclase activity in human peripheral blood mononuclear cells: effects of protein kinase inhibitors and of a calcium ionophore.

Induction of UDP-glycosyltransferase family 1 genes in rat liver: different patterns of mRNA expression with two inducers, 3-methylcholanthrene and beta-naphthoflavone.

Cyclophosphamide cystitis as a model of visceral pain in rats: a c-fos and Krox-24 study at telencephalic levels, with a note on pituitary adenylate cyclase activating polypeptide (PACAP).

Nonresponsiveness to 2,3,7,8-tetrachlorodibenzo-p-dioxin of transforming growth factor beta1 and CYP 1A1 gene expression in rat liver fat-storing cells.

In vitro inhibition of thyroid hormone sulfation by hydroxylated metabolites of halogenated aromatic hydrocarbons.

Low-molecular-weight hormonal factors that affect head formation in *Hydra*.

Investigations of the pathways of toxicity of methyl iodide in the rat nasal cavity.

Cytochrome P450 catalyzed oxidation of monochlorobenzene, 1,2- and 1,4-dichlorobenzene in rat, mouse, and human liver microsomes.

Modulation of Hepatocyte Gene Expression by the Carcinogen Benzo[a]pyrene.

Validated determination of total arsenic species of toxicological interest (arsenite, arsenate and their metabolites) by atomic absorption spectrometry after separation from dietary arsenic by liquid extraction: toxicological applications.

Expression of CYP1B1 but not CYP1A1 by primary cultured human mammary stromal fibroblasts constitutively and in response to dioxin exposure: role of the Ah receptor.

In vitro 2,3,7,8-tetrachlorodibenzo-p-dioxin interference with the anterior pituitary hormone adrenocorticortropin.

Metabolic fate of S-(-)-pulegone in rat.

Stress-induced fractal rearrangement of the endothelial cell cytoskeleton causes apoptosis.

Hazard and risk assessment of chemical mixtures using the toxic equivalency factor approach.

Species- and sex-related differences in metabolism of trichloroethylene to yield chloral and trichloroethanol in mouse, rat, and human liver microsomes.

Functional aspects of skeletal muscle contractile apparatus and sarcoplasmic reticulum after fatigue.

Elucidation of the amino acid sequence of a crustacean hyperglycaemic hormone from the spiny lobster, *Jasus lalandii*.

Interactions between bioenergetics and mitochondrial biogenesis.

Oxidative phosphorylation in intact hepatocytes: quantitative characterization of the mechanisms of change in efficiency and cellular consequences.

Subchronic/chronic toxicity of a mixture of four chlorinated dibenzo-p-dioxins in rats. II. Biochemical effects.

Ultrastructural apoptotic lesions induced in rat thymocytes after borax ingestion.

Simultaneous estimation of tribenuron-methyl and its major metabolites by high-performance liquid chromatography.

Expression of cytosolic beta-glucosidase in guinea pig liver cells.

Handling of doxorubicin by the LLC-PK1 kidney epithelial cell line.

Sodium iron EDTA [NaFe(III)EDTA] as a food fortificant does not influence absorption and urinary excretion of manganese in healthy adults.

Src family tyrosine kinase regulates intracellular pH in cardiomyocytes.

Human in vivo and in vitro hydroquinone topical bioavailability, metabolism, and disposition.

The specific features of methionine biosynthesis and metabolism in plants.

Direct inhibition of the pancreatic beta-cell ATP-regulated potassium channel by alpha-ketoisocaproate.

Differential cytotoxicity of Ifosfamide and its metabolites in renal epithelial cell cultures.

The role of glutathione S-transferase- and cytochrome P450-dependent metabolism in the olfactory toxicity of methyl iodide in the rat.

Uptake of N,N-dimethyl-2-phenylethylene HCl into acini cells removed from rabbit lacrimal glands.

Fast and sensitive method for simultaneous measurement of cell proliferation rate and drug sensitivity in rat cerebral cortex.

Hydrogen peroxide activates mitogen-activated protein kinases and Na⁺-H⁺ exchange in neonatal rat cardiac myocytes.

Metabolism of 17-(allylamino)-17-demethoxygeldanamycin (NSC 330507) by murine and human hepatic preparations.

Characterization of CYP1B1 and CYP1A1 expression in human mammary epithelial cells: role of the aryl hydrocarbon receptor in polycyclic aromatic hydrocarbon metabolism.

Metabolism of inorganic arsenic in children with chronic high arsenic exposure in northern Argentina.

Inflammatory cytokines (IL-1 α , TNF- α) and LPS modulate the Ca²⁺ signaling pathway in osteoblasts.

Characterization of metabolites in the biotransformation of 2,4,6-trinitrotoluene with anaerobic sludge: role of triaminotoluene.

Arachidonic acid metabolism in the marine fish *Stenotomus chrysops* (Scup) and the effects of cytochrome P450 1A inducers.

Agonist-dependent phosphorylation of the parathyroid hormone/parathyroid hormone-related peptide receptor.

Highly toxic coplanar PCB126 reduces liver peroxisomal enzyme activities in rats.

Speciation of arsenic metabolites in the urine of occupational workers and experimental rats using an optimised hydride cold-trapping method.

Uptake of doxorubicin by cultured kidney epithelial cells LLC-PK1.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces hepatic cytochrome P450-dependent arachidonic acid epoxygenation in diverse avian orders: regioisomer selectivity and immunochemical comparison of the TCDD-induced P450s to CYP1A4 and 1A5.

p53 mutations in cyclophosphamide-associated bladder cancer.

Mechanism for benomyl action as a mitochondrial aldehyde dehydrogenase inhibitor in mice.

Interleukin 1 β and interleukin 6, but not tumor necrosis factor α , inhibit insulin-stimulated glycogen synthesis in rat hepatocytes.

Tyrosine phosphatase-dependent/tyrosine kinase-independent induction of nuclear factor-kappa B by tumor necrosis factor-alpha: effects on prostaglandin endoperoxide synthase-2 mRNA accumulation.

Profiles of Great Lakes critical pollutants: a sentinel analysis of human blood and urine. The Great Lakes Consortium.

Metabolism of the lipid peroxidation product, 4-hydroxy-trans-2-nonenal, in isolated perfused rat heart.

Characterization of glycerol uptake and glycerol kinase activity in rat hepatocytes cultured under different hormonal conditions.

Similarities in the metabolism of alloxan and dehydroascorbate in human erythrocytes.

Impact of dioxin-type induction of drug-metabolizing enzymes on the metabolism of endo- and xenobiotics.

Myelosuppressive activity of two herbicides, atrazine and dinoterb, on human haematopoietic progenitor cells: An in vitro assay to evaluate the effects of intermediate or long-term exposure.

Involvement of reactive oxygen species, protein kinase C, and tyrosine kinase in prostaglandin E2 production in Balb/c 3T3 mouse fibroblast cells by quinolone phototoxicity.

Use of precision-cut rat liver slices for studies of xenobiotic metabolism and toxicity: comparison of the Krumdieck and Brendel tissue slicers.

Female Sprague-Dawley rats exposed to a single oral dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin exhibit sustained depletion of aryl hydrocarbon receptor protein in liver, spleen, thymus, and lung.

Involvement of calcium and arachidonate metabolism in acetylated-low-density-lipoprotein-stimulated tumor-necrosis-factor-alpha production by rat peritoneal macrophages.

Cigarette smoke extract inhibits fibroblast-mediated collagen gel contraction.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and diethylstilbestrol affect thymocytes at different stages of development in fetal thymus organ culture.

Low glucose enhances Na⁺/glucose transport in bovine brain artery endothelial cells.

Tumor necrosis factor-alpha regulates the gene expression of macrophage migration inhibitory factor through tyrosine kinase-dependent pathway in 3T3-L1 adipocytes.

Regulation of glucose transport and c-fos and egr-1 expression in cells with mutated or endogenous growth hormone receptors.

The hsp90-based chaperone system: involvement in signal transduction from a variety of hormone and growth factor receptors.

Isolation of a novel metabolizing system enriched in phase-II enzymes for short-term genotoxicity bioassays.

Insect juvenile hormone resistance gene homology with the bHLH-PAS family of transcriptional regulators.

Flow cytometric analyses in embryogenic and non-embryogenic callus lines of *Cyclamen persicum* Mill.: relation between ploidy level and competence for somatic embryogenesis.

Microbial photodegradation of aminoarenes. Metabolism of 2-amino-4-nitrophenol by *Rhodobacter capsulatus*.

Identification of a putative surfactant convertase in rat lung as a secreted serine carboxylesterase.

Mass spectrometric characterization and glycosylation profile of bovine pancreatic bile salt-activated lipase.

Alterations in human B cell calcium homeostasis by polycyclic aromatic hydrocarbons: possible associations with cytochrome P450 metabolism and increased protein tyrosine phosphorylation.

Sulfotransferase-mediated genotoxicity of propane 2-nitronate in cultured ovine seminal vesicle cells.

Regulation of sulfotransferase gene expression by glucocorticoid hormones and xenobiotics in primary rat hepatocyte culture.

Characterization of thyroid hormone sulfotransferases.

Dietary and tissue residue analysis and contaminant intake estimations in rats consuming diets composed of Great Lakes salmon: a multigeneration study.

Metabolic interaction between toluene, trichloroethylene and n-hexane in humans.

Accumulation of ascorbate by endocrine-regulated and glucose-sensitive transport of dehydroascorbic acid in luteinized rat ovarian cells.

Na⁺-dependent and phlorizin-inhibitable transport of glucose and cycasin in brain endothelial cells.

Metabolic Study of Isoproturon in Goats Following a Single Oral Administration: Toxicokinetics and Recovery.

Analytical Method for the Determination of Atrazine and Its Dealkylated Chlorotriazine Metabolites in Urine by Gas Chromatography/Mass Selective Detection.

Mixed effects of 2,6-dithiopurine against cyclophosphamide mediated bladder and lung toxicity in mice.

Vascular endothelial growth factor/vascular permeability factor enhances vascular permeability via nitric oxide and prostacyclin.

3,4 Dichloroaniline-haemoglobin adducts in humans: preliminary data on agricultural workers exposed to propanil.

Modulating effects of thyroid state on the induction of biotransformation enzymes by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Inhibition of corneal metabolism of deslorelin by EDTA and ZnCl₂.

Substrate-dependent cadmium toxicity affecting energy-linked K⁺/86Rb transport in *Staphylococcus aureus*.

Inhibition of 5,9-dimethyldibenzo[c,g]carbazole-DNA adduct formation in mouse liver by pretreatment with cytochrome P4501A inducers in vivo.

Use of c-Src and c-Fos knockout mice for the studies on the role of c-Src kinase signaling in the expression of toxicity of TCDD.

Multiplication of *Legionella pneumophila* in HeLa cells in the presence of cytoskeleton and metabolic inhibitors.

Modulation of 2,6-dinitrotoluene genotoxicity by alachlor treatment of Fischer 344 rats.

Effect of in vivo administered 2,3,7,8-tetrachlorodibenzo-p-dioxin on DNA-binding activities of nuclear transcription factors in liver of guinea pigs.

Classification of auxin plant hormones by interaction property similarity indices.

Effects of hypoxia and toxicant exposure on adenylate energy charge and cytosolic ADP concentrations in abalone.

Interaction of PCB congeners and 2,3,7,8-TCDD in the rat liver: an electron microscope study.

Drug metabolizing enzyme activities and superoxide formation in primary and immortalized rat brain endothelial cells.

Molecular determinants of hormone mimicry: halogenated aromatic hydrocarbon environmental agents.

Hormonal interactions in the effects of halogenated aromatic hydrocarbons on the developing brain.

Effects of pesticides and toxic substances on behavioral and morphological reproductive development: endocrine versus nonendocrine mechanisms.

Metabolic inhibition impairs ATP-sensitive K⁺ channel block by sulfonylurea in pancreatic beta-cells.

S-p-toluymercapturic acid in the urine of workers exposed to toluene: a new biomarker for toluene exposure.

Mitochondrial dysfunction in the senescence accelerated mouse (SAM).

[Morphologic and histochemical changes in the thyroid gland induced by single exposure to 2,4-DA].

Promotion of rat hepatocarcinogenesis by dimethylarsinic acid: association with elevated ornithine decarboxylase activity and formation of 8-hydroxydeoxyguanosine in the liver.

Metabolic methylation is a possible genotoxicity-enhancing process of inorganic arsenics.

[Chemical accident with isoprotrurone in an industrial plant in Frankfurt am Main 27 January 1996].

Effects of the herbicide molinate on mixotrophic growth, photosynthetic pigments, and protein content of *Anabaena sphaerica* under different light conditions.

Metabolism-dependent activation and toxicity of chemicals in nasal glands.

Herbicide-induced experimental variegate porphyria in mice: tissue porphyrinogen accumulation and response to porphyrogenic drugs.

Sensitivity of macrophyte-dominated freshwater microcosms to chronic levels of the herbicide linuron.
II. Community metabolism and invertebrates.

Toxicity of 2,4-dichlorophenoxyacetic acid to *Rhizobium* sp in pure culture.

The cytotoxic effect of paraquat to isolated renal proximal tubular segments from rabbits.

Peroxisome proliferators increase the formation of BPDE-DNA adducts in isolated rat hepatocytes.

Sex-dependent differences in the disposition of 2,4-dichlorophenoxyacetic acid in Sprague-Dawley rats, B6C3F1 mice, and Syrian hamsters.

Evidence that A8947 enhances pancreas growth via a trypsin inhibitor mechanism.

Acute and chronic toxicity of the herbicide Stam M-4 in field and laboratory exposures.

Growth response of freshwater algae to continuous flow of terbutryn.

Mitochondria-mediated cell injury. Symposium overview.

The immunomodulatory effects of the herbicide propanil on murine macrophage interleukin-6 and tumor necrosis factor- α production.

Cellular toxicity of 2,4,5-trichlorophenoxyacetic acid: formation of 2,4,5-trichlorophenoxyacetylcholine.

Possible carcinogenic potential of dimethylarsinic acid as assessed in rat in vivo models: a review.

In vivo studies on genotoxicity of pure and commercial linuron.

Alterations in steroidogenesis in alligators (*Alligator mississippiensis*) exposed naturally and experimentally to environmental contaminants.

Influence of benzo[a]phenothiazines on the element content of two tobacco tissue cultures differing in hormone requirement.

The inhibitory effect of selenium on induction of tetraploidy by dimethylarsinic acid in Chinese hamster cells.

The urinary excretion of arsenic metabolites after a single oral administration of dimethylarsinic acid to rats.

Serum dioxin and diabetes mellitus in veterans of Operation Ranch Hand.

Meta-analyses of prostate cancer and farming.

In vitro synergistic interaction of alligator and human estrogen receptors with combinations of environmental chemicals.

Cell-nuclear accumulation of 72-kDa stress protein induced by dimethylated arsenics.

Effects of dichlobenil on ultrastructural morphology and cell replication in the mouse olfactory mucosa.

Genotoxic evaluation of the herbicide paraquat in cultured human lymphocytes.

Inhibition of intracellular Ca²⁺ signalling, cytotoxicity and antitumor activity of the herbicide oryzalin and its analogues.

Heterologous expression of carbonyl reductase: demonstration of prostaglandin 9-ketoreductase activity and paraquat resistance.

Environmental fate of trifluralin.

[Toxicity of atrazine and its metabolite deethylatrazine in *Thamnocephalus platyurus* and *Dugesia gonocephala*].

[The effect of the dioxin-containing herbicide 2,4-D on the hormonal status of experimental animals].

Comparative ³²P-postlabeling analysis of exogenous and endogenous DNA adducts in mouse skin exposed to a wood-preserving waste extract, a complex mixture of polycyclic and polychlorinated chemicals.

Do reactive oxygen species underlie the mechanism of apoptosis in the tadpole tail?

Comparative pharmacokinetics of [¹⁴C]metosulam (N-[2,6-dichloro-3-methylphenyl]-5,7-dimethoxy-1,2,4-triazolo[1,5a]-pyrimidine-2-sulfonamide) in rats, mice and dogs.

Lipid peroxidation and histopathological changes in the digestive gland of a freshwater snail *Planorbis corneus* L. (Gastropoda, Pulmonata) exposed to chronic and sub-chronic concentrations of PCP.

Comparison of catalase in diploid and haploid *Rana rugosa* using heat and chemical inactivation techniques.

Metabolism of arsenic after acute occupational arsine intoxication.

Performance characteristics of combined haemodialysis/haemoperfusion system for removal of blood toxins.

Liver cell cytoplasmic inclusions in experimental porphyrias: their demonstration with the ferric ferricyanide reduction reaction.

Inhibition of the genotoxic effects of heterocyclic amines in human derived hepatoma cells by dietary bioantimutagens.

Influence of dietary selenium on the disposition of arsenate in the female B6C3F1 mouse.

Induction of glutathione depletion, p53 protein accumulation and cellular transformation by tetrachlorohydroquinone, a toxic metabolite of pentachlorophenol.

Atrial natriuretic peptide accounts for increased cGMP in hypoxia-induced hypertensive rat lungs.

Inhibition of sulfotransferase affecting in vivo genotoxicity and DNA adducts induced by safrole in rat liver.

Pentachlorophenol dermal absorption and disposition from soil in swine: effects of occlusion and skin microorganism inhibition.

Role of glutathione and catalase in H₂O₂ detoxification in LPS-activated hepatic endothelial and Kupffer cells.

Optimizing recoveries of two chlorotriazine herbicide metabolites and 11 pesticides from aqueous samples using solid-phase extraction and gas chromatography-mass spectrometry.

Identification of ionic chloroacetanilide-herbicide metabolites in surface water and groundwater by HPLC/MS using negative ion spray.

Butylated hydroxyanisole and its metabolite tert-butylhydroquinone differentially regulate mitogen-activated protein kinases. The role of oxidative stress in the activation of mitogen-activated protein kinases by phenolic antioxidants.

[Effect of activity of semicarbazide-sensitive aminooxidases and cellular glutathione on the cytotoxic effect of allylamine, acrolein, and formaldehyde in human cultured endothelial cells].

Carcinogens in spacecraft air.

Herbicide and estrogen effects on the metabolic activity of *Elliptio complanata* measured by calorimetry.

Identification of enzymes involved in the metabolism of atrazine, terbutylazine, ametryne, and terbutryne in human liver microsomes.

Characteristics of the prolactin stimulation of iodide uptake into mouse mammary gland explants.

Determination of the metabolites of the herbicide dimethyl tetrachloroterephthalate in drinking water by high-performance liquid chromatography with gas chromatography/mass spectrometry confirmation.

Dosimetry of chlorinated quinone metabolites of pentachlorophenol in the livers of rats and mice based upon measurement of protein adducts.

Nuclear magnetic resonance timecourse studies of glyphosate metabolism by microbial soil isolates.

Biliary elimination of oral 2,4-dichlorophenoxyacetic acid and its metabolites in male and female Sprague-Dawley rats, B6C3F1 mice, and Syrian hamsters.

Identification of a major human urinary metabolite of metolachlor by LC-MS/MS.

Contribution of cytochrome P450 3A pathway to bromocriptine metabolism and effects of ferrous iron and hypoxia-re-oxygenation on its elimination in the perfused rat liver.

[¹⁴C] acrolein accumulation and metabolism in leaf lettuce.

The hormone-responsive NADH oxidase of the plant plasma membrane has properties of a NADH:protein disulfide reductase.

Differential expression of CuZn- and Fe-superoxide dismutase genes of tobacco during development, oxidative stress, and hormonal treatments.

Effect of isoproteron on male reproductive system: clinical, histological and histoenzonological studies in rats.

Metabolism of metolachlor by the fungus *Cunninghamella elegans*.

Interaction of reactive and inert chemicals in the presence of oxidoreductases: reaction of the herbicide bentazon and its metabolites with humic monomers.

Somatic embryogenesis in cultured immature zygotic embryos and leaf protoplasts of *Arabidopsis thaliana* ecotypes.

The ovarian progesterone receptor in the spotted seatrout, *Cynoscion nebulosus*, demonstrates steroid specificity different from progesterone receptors in other vertebrates.

Changes of energy metabolism induced by 1-methyl-4-phenylpyridinium (MPP⁺)-related compounds in rat pheochromocytoma PC12 cells.

Sustained increase in intracellular free calcium and activation of cyclooxygenase-2 expression in mouse hepatoma cells treated with dioxin.

Entacapone, a novel catechol-O-methyltransferase inhibitor for Parkinson's disease, does not impair mitochondrial energy production.

Heat shock protein induction by certain chemical stressors is correlated with their cytotoxicity, lipophilicity and protein-denaturing capacity.

Induction and prevention of squamous transformation of bronchial epithelial cells by phenolic compounds.

Abrogation of IL-3 requirements and stimulation of hematopoietic cell proliferation in vitro and in vivo by carboxylic acids.

Studies on the relationship between estrogen receptor content, glutathione S-transferase pi expression, and induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin and drug resistance in human breast cancer cells.

Newborn infants diagnosed as neurologically abnormal with relation to PCB and dioxin exposure and their thyroid-hormone status.

Effect of advanced glycation end product-modified albumin on tissue factor expression by monocytes. Role of oxidant stress and protein tyrosine kinase activation.

Use of estrogen therapy in a patient with gastrointestinal bleeding secondary to arteriovenous malformations.

Pancreatic carcinomas deposit laminin-5, preferably adhere to laminin-5, and migrate on the newly deposited basement membrane.

Promotion of enzyme altered foci in female rat 2,3,3',4,4',5-hexachlorobiphenyl.

Alterations in the developing immune system of the F344 rat after perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: II. Effects on the pup and the adult.

Alterations in the developing immune system of the F344 rat after perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin I. [correction of II]. Effects on the fetus and the neonate.

Role of nitroreductases but not cytochromes P450 in the metabolic activation of 1-nitropyrene in the HepG2 human hepatoblastoma cell line.

The role of NAD(P)H:quinone oxidoreductase in quinone-mediated p21 induction in human colon carcinoma cells.

Aryl hydrocarbon receptor-dependent induction of cyp1a1 by bilirubin in mouse hepatoma hepa 1c1c7 cells.

Defective endogenous nitric oxide-mediated modulation of cellular respiration in canine skeletal muscle after the development of heart failure.

Gallium nitrate optic neuropathy.

[4-chloro-m-cresol-induced contractures of skeletal muscle specimen from patients at risk for malignant hyperthermia].

[Acute myeloblastic leukemia showing pronounced skin infiltration during administration of low-dose cytarabine and etoposide with granulocyte colony-stimulating factor].

Chemopreventive and growth inhibitory effects of selenium.

Thyroid hormones in the pathogenesis of lung hypoplasia and immaturity induced in fetal rats by prenatal exposure to nitrofen.

Catalase mediates acetaldehyde formation from ethanol in fetal and neonatal rat brain.

Effects of the protein tyrosine kinase inhibitor, herbimycin A, on prolactin gene expression in GH3 and 235-1 pituitary tumor cells.

Effects of antitumor agents on 3H-2-deoxyglucose uptake in tumor cells and their relationship with the main targets of the antitumor agents.

Effect of 2,4-dinitrophenol on the hypometabolic response to hypoxia of conscious adult rats.

Role of oxidant stress and iron delocalization in acidosis-induced intestinal epithelial hyperpermeability.

Activity and inducibility of drug-metabolizing enzymes in immortalized hepatocyte-like cells (mhPKT) derived from a L-PK/Tag1 transgenic mouse.

HDL causes mesangial cell mitogenesis through a tyrosine kinase-dependent receptor mechanism.

Thiamine uptake in human intestinal biopsy specimens, including observations from a patient with acute thiamine deficiency.

Tumor-specific expression of cytochrome P450 CYP1B1.

Iron-induced rat coronal suture fusion in vitro: the role of redox regulation.

Cytochrome P450 isozymes responsible for the metabolism of toluene and styrene in human liver microsomes.

A novel derivatization of phenol after extraction from human serum using perfluorooctanoyl chloride for gas chromatography-mass spectrometric confirmation and quantification.

DMPS-arsenic challenge test. I: Increased urinary excretion of monomethylarsonic acid in humans given dimercaptopropane sulfonate.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: effects on development of the male and female reproductive system of the mouse.

Tyrosine phosphorylation is required for ehrlichial internalization and replication in P388D1 cells.

Purification and partial sequencing of the XL-I form of xenobiotic-metabolizing medium chain fatty acid:CoA ligase from bovine liver mitochondria, and its homology with the essential hypertension protein.

Cytosolic Ca²⁺ and protein kinase Calpha couple cellular metabolism to membrane K⁺ permeability in a human biliary cell line.

Induction of cytochrome P450 1B1 and catechol estrogen metabolism in ACHN human renal adenocarcinoma cells.

[Randomized multi-center trial of the administration of erythropoietin in anemia of prematurity].

Opposite effects of 2,2',4,4',5,5'-hexachlorobiphenyl and 2,3,7,8-tetrachlorodibenzo-p-dioxin on the antibody response to sheep erythrocytes in mice.

Prenatal hormones alter antioxidant enzymes and lung histology in rats with congenital diaphragmatic hernia.

Effect of hepatic methyl donor status on urinary excretion and DNA damage in B6C3F1 mice treated with sodium arsenite.

Relative genotoxic potency of arsenic and its methylated metabolites.

Cytogenetic effects in human exposure to arsenic.

Carcinogenic polycyclic aromatic hydrocarbons increase intracellular Ca²⁺ and cell proliferation in primary human mammary epithelial cells.

Ferrous sulfate-induced increase in requirement for thyroxine in a patient with primary hypothyroidism.

PET imaging of brain tumor with [methyl-11C]choline.

Alterations to the pituitary-gonadal axis in the peripubertal female rat exposed in utero and through lactation to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Identification of a motif within the 5' regulatory region of pS2 which is responsible for AP-1 binding and TCDD-mediated suppression.

The multidrug-resistant human lung tumour cell line, DLKP-A10, expresses novel drug accumulation and sequestration systems.

Effects of iron salts in sucrose on dental caries and plaque in rats.

[Studies on mechanism of wasting syndrome in TCDD-intoxicated rats].

Role of cytochrome P450 enzyme induction in the metabolic activation of benzo[c]phenanthrene in human cell lines and mouse epidermis.

Altered intracellular distribution of daunorubicin in immature acute myeloid leukemia cells.

Mitochondrial dysfunction in neurodegeneration.

The aquatic vertebrate embryo as a sentinel for toxins: zebrafish embryo dechoriation and perivitelline space microinjection.

Co-metabolism of ethanol, ethanol-derived acetaldehyde, and 4-hydroxynonenal in isolated rat hepatocytes.

Cancer mortality among rice growers in Novara Province, northern Italy.

Characterization of methemoglobin formation induced by 3,5-dichloroaniline, 4-amino-2,6-dichlorophenol and 3,5-dichlorophenylhydroxylamine.

Cancer risk assessment using blood dioxin levels and daily dietary TEQ intake in general populations of industrial and non-industrial countries.

Free radicals and the ischemia-evoked extracellular accumulation of amino acids in rat cerebral cortex.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) affects keratin 1 and keratin 17 gene expression and differentially induces keratinization in hairless mouse skin.

Modulation of macrophage function for defence of the lung against *Pseudomonas aeruginosa*.

Nitrofen dose-dependent gestational day-specific murine lung hypoplasia and left-sided diaphragmatic hernia.

The role of oxygen free radicals in occupational and environmental lung diseases.

The clinical pharmacokinetics of levofloxacin.

Localization of hydrogen peroxide accumulation during the hypersensitive reaction of lettuce cells to *Pseudomonas syringae* pv *phaseolicola*.

Sulfated sialyl Lewis X, the putative L-selectin ligand, detected on endothelial cells of high endothelial venules by a distinct set of anti-sialyl Lewis X antibodies.

Selected other effects and TEFs.

Dioxins and the Ah receptor: probes to uncover processes in neuroendocrine development.

Impaired cellular immune response in rats exposed perinatally to Baltic Sea herring oil or 2,3,7,8-TCDD.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and congeners in infants. A toxicokinetic model of human lifetime body burden by TCDD with special emphasis on its uptake by nutrition.

Effect of subchronic 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on immune system and target gene responses in mice: calculation of benchmark doses for CYP1A1 and CYP1A2 related enzyme activities.

Enzymatic methylation of arsenic species and other new approaches to arsenic toxicity.

Contribution of ATP-sensitive potassium channels to hypoxic hyperpolarization in rat hippocampal CA1 neurons in vitro.

Organochlorine exposure and risk for breast cancer.

Altered profile of urinary arsenic metabolites in adults with chronic arsenicism. A pilot study.

Mechanism of thiazopyr-induced effects on thyroid hormone homeostasis in male Sprague-Dawley rats.

Early life stage toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish (*Danio rerio*).

Protein kinase Cs and tyrosine kinases in permissive action of prostacyclin on cerebrovascular regulation in newborn pigs.

Dialkylquinoneimine metabolites of chloroacetanilide herbicides induce sister chromatid exchanges in cultured human lymphocytes.

Modification of hepatic drug-metabolizing enzymes in rats treated with alkyl sulfides.

Gas chromatographic determination of residues of thyreostatic drugs in bovine muscle tissue using combined resin mediated methylation and extraction.

Somatic embryogenesis and plant regeneration in *Lilium longiflorum* Thunb.

Age-related susceptibility to hepatotoxicants.

Two complementary bioassays for screening the estrogenic potency of xenobiotics: recombinant yeast for trout estrogen receptor and trout hepatocyte cultures.

A transgenic mouse model for the detection of cellular stress induced by toxic inorganic compounds.

Mechanisms for metabolism of ethanol to 1-hydroxyethyl radicals in rat liver microsomes.

4-Coumaroyl coenzyme A 3-hydroxylase activity from cell cultures of *Lithospermum erythrorhizon* and its relationship to polyphenol oxidase.

Long-term primary cultures of adult human hepatocytes.

Somatic embryogenesis and plant regeneration from stem explants of *Moricandia arvensis*.

Comparison of hexachlorocyclohexane-induced oxidative stress in the testis of immature and adult rats.

Induction of drug-metabolizing enzymes by dioxin.

Energy-dependent expression of platelet-von Willebrand factor on the surface of unstimulated and stimulated platelets.

4-Amino-2,6-dichlorophenol nephrotoxicity in the Fischer 344 rat: protection by ascorbic acid, AT-125, and aminooxyacetic acid.

Mechanical stretch induces vascular permeability factor in human mesangial cells: mechanisms of signal transduction.

Ah receptor regulation of CYP1B1 expression in primary mouse embryo-derived cells.

Preliminary assessment of PCB risks to human and ecological health in the lower Passaic River.

Aging and oxygen toxicity: Relation to changes in melatonin.

Synergy between cisplatin and an inhibitor of S-adenosylmethionine dependent transmethylation in human ovarian adenocarcinoma cells.

Cell- and tissue-specific metabolic activation of chemicals as determined by autoradiography: in vitro-in vivo correlations.

Percutaneous penetration of 2-phenoxyethanol through rat and human skin.

Loss of teratogenic response to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice lacking the Ah (dioxin) receptor.

The biosynthesis and metabolism of the aspartate derived amino acids in higher plants.

Bromine-76 and carbon-11 labelled NNC 13-8199, metabolically stable benzodiazepine receptor agonists as radioligands for positron emission tomography.

Volatile metabolites from some gram-negative bacteria.

Enhancement of plasminogen binding and fibrinolysis by chloropectin I.

p70 S6 kinase is activated by sodium arsenite in adult rat cardiomyocytes: roles for phosphatidylinositol 3-kinase and p38 MAP kinase.

The Low Biomass Yields of the Acetic Acid Bacterium *Acetobacter pasteurianus* Are Due to a Low Stoichiometry of Respiration-Coupled Proton Translocation.

The oncofetal J28 epitope involves fucosylated O-linked oligosaccharide structures of the fetoacinar pancreatic protein.

A new, simple, nonradioactive, nontoxic in vitro assay to monitor corneal endothelial cell viability.

Metabolism of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) by human cytochrome P4501B1.

Inhibition of oxidative phosphorylation, vascular tone, and $[Ca^{2+}]_i$ in the perfused rat tail artery.

Oxidative phosphorylation in myocardial mitochondria 'in situ': a calorimetric study on permeabilized cardiac muscle preparations.

CYP1A induction by beta-naphthoflavone, Aroclor 1254, and 2,3,7,8-tetrachlorodibenzo-p-dioxin and its influence on aflatoxin B1 metabolism and DNA adduction in zebrafish.

Extrathyroidal effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on thyroid hormone turnover in male Sprague-Dawley rats.

Oleic acid reduces oxidant stress in cultured pulmonary artery endothelial cells.

Impairment of respiration and oxidative phosphorylation by redox cyclers 2-nitrosofluorene and menadione.

Effect of energy shortage and oxidative stress on amyloid precursor protein metabolism in COS cells.

Airborne arsenic and urinary excretion of arsenic metabolites during boiler cleaning operations in a Slovak coal-fired power plant.

Transport mechanisms of idarubicin, an anthracycline derivative, in human leukemia HL60 cells and mononuclear cells, and comparison with those of its analogs.

Immunochemical, ³²P-postlabeling, and GC/MS detection of 4-aminobiphenyl-DNA adducts in human peripheral lung in relation to metabolic activation pathways involving pulmonary N-oxidation, conjugation, and peroxidation.

Characterization of intracellular calcium responses produced by polycyclic aromatic hydrocarbons in surface marker-defined human peripheral blood mononuclear cells.

A physiologically based pharmacokinetic (PB-PK) model for 1,2-dichlorobenzene linked to two possible parameters of toxicity.

Role of 3,4-dichlorophenyl methyl sulfone, a metabolite of o-dichlorobenzene, in the changes in hepatic microsomal drug-metabolizing enzymes caused by o-dichlorobenzene administration in rats.

Effect of metabolic inhibitors on membrane potential and ion conductance of rat astrocytes.

Aryl hydrocarbon receptor knockout mice (AHR^{-/-}) exhibit liver retinoid accumulation and reduced retinoic acid metabolism.

Analysis of some metabolites of organic solvents in urine by high-performance liquid chromatography with beta-cyclodextrin.

Specific attenuation of the pressure-induced contraction of rat cerebral artery by herbimycin A.

Cytotoxic effects of 2,6-di-tert-butyl-4-methylphenyl N-methylcarbamate (terbutol) herbicide on hepatocytes and mitochondria isolated from male rats.

Lead transport in IEC-6 intestinal epithelial cells.

A ¹³C NMR study of 2-(¹³C)-chloroacetaldehyde, a metabolite of ifosfamide and cyclophosphamide, in the isolated perfused rabbit heart model. Initial observations on its cardiotoxicity and cardiac metabolism.

Influence of dietary protein supplements on the formation of bacterial metabolites in the colon.

Differential effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin, bis(tri-n-butyltin) oxide and cyclosporine on thymus histophysiology.

Quantitative determination of urinary metabolites of o-dichlorobenzene using a gas chromatograph.

Synaptic physiology and mitochondrial function in crayfish tonic and phasic motor neurons.

Aniline and its metabolites generate free radicals in yeast.

Impairment of the chemical defence of the beetle, *Tenebrio molitor*, by metacestodes (cysticeroids) of the tapeworm, *Hymenolepis diminuta*.

Cytokine gene expression during ontogeny in murine thymus on activation of the aryl hydrocarbon receptor by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Internalization and down-regulation of the prostacyclin receptor in human platelets.

Aluminum citrate is transported from brain into blood via the monocarboxylic acid transporter located at the blood-brain barrier.

Expression and characterization of recombinant rat parathyroid hormone-related peptide (1-141) and an amino-terminally-truncated analogue (38-141).

Modulation of tyrosine kinase activity has multiple actions on insulin release from the pancreatic beta-cell: studies with lavendustin A.

Cytochrome P450 3A4 mediated metabolism of 2,4-dichlorophenol.

Resazurin reduction as a function of respiratory burst in bovine neutrophils.

The role of tyrosine phosphorylation in lipopolysaccharide- and zymosan-induced procoagulant activity and tissue factor expression in macrophages.

Mobilization of iron from neoplastic cells by some iron chelators is an energy-dependent process.

Opening of cardiac sarcolemmal KATP channels by dinitrophenol separate from metabolic inhibition.

Functional requirement of the hypoxia-responsive element in the activation of the inducible nitric oxide synthase promoter by the iron chelator desferrioxamine.

[Comparative study of the effect of paracetamol, phenacetin and amidopyrine on mitochondrial function in isolated rat hepatocytes].

Interleukin-2 increases intracellular glutathione levels and reverses the growth inhibiting effects of cyclophosphamide on B16 melanoma cells.

Bacterial endotoxin enhances the hepatotoxicity of allyl alcohol.

Restricted intestinal absorption of some beta-lactam antibiotics by an energy-dependent efflux system in rat intestine.

Two divergent catalase genes are differentially regulated during *Aspergillus nidulans* development and oxidative stress.

Rapid Ca²⁺ influx induced by the action of dibutylhydroquinone and glucagon in the perfused rat liver.

Direct mapping of an agonist-binding domain within the parathyroid hormone/parathyroid hormone-related protein receptor by photoaffinity crosslinking.

Cytochrome P450 isoenzyme activities in cultured rat and mouse liver slices.

The toxicity of substituted phenolic compounds to a detoxifying and an acetic acid bacterium.

Considerations on genetic and environmental factors that contribute to resistance or sensitivity of mammals including humans to toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and related compounds. Part 1: Genetic factors affecting the toxicity of TCDD.

The ability of a new hypoglycaemic agent, A-4166, compared to sulphonylureas, to increase cytosolic Ca²⁺ in pancreatic beta-cells under metabolic inhibition.

Metabolism of [des-Gly10, D-Trp6]LHRH ethylamide in the rabbit conjunctiva.

Determination of genotoxicity of the metabolites of the pesticides Guthion, Sencor, Lorox, Reglone, Daconil and Admire by ³²P-postlabeling.

Impairment of antigen-specific antibody production in transgenic mice expressing a dominant-negative form of gp130.

Environmental xenobiotics may disrupt normal endocrine function by interfering with the binding of physiological ligands to steroid receptors and binding proteins.

Effects of cyclophosphamide and ifosfamide on neuroblastoma cells before and after activation by microsomes.

Identification of NIH-shifted metabolites of 1,3,7,8-tetrachlorodibenzo-p-dioxin in the rat by NMR comparison with synthesized isomers.

Derivation of 2,3,7,8-TCDD toxic equivalent factors (TEFs) for selected dioxins, furans and PCBs with rainbow trout and rat liver cell lines and the influence of exposure time.

Time course for the modulation of hepatic cytochrome P450 after administration of ethylbenzene and its correlation with toluene metabolism.

Effect of the intravenous anesthetic 2,6-diisopropylphenol on respiration and energy production by rat brain synaptosomes.

The 26 kD protein recognized on rat cauda epididymal sperm by monoclonal antibody 4E9 has internal peptide sequence that is identical to the secreted form of epididymal protein E.

Neutrophil-mediated activation of mitoxantrone to metabolites which form adducts with DNA.

Energy metabolism during apoptosis. Bcl-2 promotes survival in hematopoietic cells induced to apoptose by growth factor withdrawal by stabilizing a form of metabolic arrest.

Antioxidant defenses of cultured colonic epithelial cells against reactive oxygen metabolites.

Halogenated aromatic hydrocarbon-mediated porphyrin accumulation and induction of cytochrome P4501A in chicken embryo hepatocytes.

Toluene metabolism by cDNA-expressed human hepatic cytochrome P450.

How knockout mouse lines will be used to study the role of drug-metabolizing enzymes and their receptors during reproduction and development, and in environmental toxicity, cancer, and oxidative stress.

Effect of activators and inhibitors of K⁺ channels on insulin secretion in the amphibian pancreas.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) increases release of luteinizing hormone and follicle-stimulating hormone from the pituitary of immature female rats in vivo and in vitro.

Metabolites of arsenic induced tetraploids and mitotic arrest in cultured cells.

Aldehyde reductase induction: a novel response to oxidative stress of smooth muscle cells.

The mitochondrial carnitine carrier protein: cDNA cloning, primary structure and comparison with other mitochondrial transport proteins.

Nonlinear intestinal absorption kinetics of cefuroxime axetil in rats.

Death following intentional methyl bromide poisoning: toxicological data and literature review.

Cryptic gonadotropin-releasing hormone receptors of rat pituitary cells in culture are unmasked by epidermal growth factor.

A benzo[a]pyrene-induced cell cycle checkpoint resulting in p53-independent G1 arrest in 3T3 fibroblasts.

Regulation by insulin of a unique neuronal Ca²⁺ pool and of neuropeptide secretion.

Investigation of two glycosylated forms of bile-salt-dependent lipase in human pancreatic juice.

A continuous spectrophotometric assay for monoamine oxidase and related enzymes in tissue homogenates.

Effects of arsenite pretreatment on the acute toxicity of parathion.

[Environmental pollutants with hormonal effects. Is estrogen theory a good model?].

Metabolic activation and DNA-adducts detection as biomarkers of chlorinated pesticide exposures.

Endocrine disrupters in the aquatic environment.

Congener specific accumulation and toxic assessment of polychlorinated biphenyls in common cormorants, *Phalacrocorax carbo*, from Lake Biwa, Japan.

Influences of altered phytohormone use on endogenous ABA and mRNA populations during white spruce (*Picea glauca*) somatic embryo culture.

Hormonal Regulation of Dormancy in Developing Sorghum Seeds.

Differential effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the expression of prostaglandin-H synthase isoenzymes in mouse tissues.

Immunotoxic effects of TCDD and toxic equivalency factors.

Review and update of the results of the NIOSH medical study of workers exposed to chemicals contaminated with 2,3,7,8-tetrachlorodibenzodioxin.

Urinary excretion of phenols as an indicator of occupational exposure in the coke-plant industry.

Neurochemical effects of polychlorinated biphenyls: an overview and identification of research needs.

Constitution of the metabolic type of streptomycetes during the first hours of cultivation.

DNA adduct formation in primary mouse embryo cells induced by 7H-dibenzo[c,g]carbazole and its organ-specific carcinogenic derivatives.

Metabolism of hexachlorobenzene in humans: association between serum levels and urinary metabolites in a highly exposed population.

Selected lesions of dioxin in laboratory rodents.

Urinary excretion of ifosfamide, 4-hydroxyifosfamide, 3- and 2-dechloroethylifosfamide, mesna, and dimesna in patients on fractionated intravenous ifosfamide and concomitant mesna therapy.

Regulation of inducible nitric oxide synthase expression in L6 rat skeletal muscle cells.

Enhancement of plasminogen binding to U937 cells and fibrin by complestatin.

Metabolic degradation, inducing potency, and metabolites of fluorinated and chlorinated-fluorinated dibenzodioxins and dibenzofurans.

Calcein is excreted from the intestinal mucosal cell membrane by the active transport system.

Toxicity of allyl alcohol in primary cultures of freshly isolated and cryopreserved hepatocytes maintained on hydrated collagen gels.

Occupational chronic exposure to organic solvents. XVI. Ambient and biological monitoring of workers exposed to toluene.

Genotoxic evaluation of the herbicide trifluralin on human lymphocytes exposed in vitro.

Citric acid cycle: a mainstream metabolic pathway influencing life span in *Drosophila melanogaster*?

Effects of 2,4-dichlorophenoxyacetic acid on Kentucky algae: simultaneous laboratory and field toxicity testings.

Promoting effects of dimethylarsinic acid on N-butyl-N-(4-hydroxybutyl)nitrosamine-induced urinary bladder carcinogenesis in rats.

Central nervous system myelin deficit in rats exposed to 2,4-dichlorophenoxyacetic acid throughout lactation.

Clinorotation affects morphology and ethylene production in soybean seedlings.

Subchronic, developmental, and genetic toxicology studies with the ethane sulfonate metabolite of alachlor.

Comparative subchronic studies on 2,4-dichlorophenoxyacetic acid, amine, and ester in rats.

Studies on the basis for the toxicity of acrolein mercapturates.

Cellular target of cyclophosphamide toxicity in the murine liver: role of glutathione and site of metabolic activation.

Cloning and expression in *Escherichia coli* and *Saccharomyces cerevisiae* of a novel tobacco cytochrome P-450-like cDNA.

An in vitro model for toxicological investigations of environmental neurotoxins in primary neuronal cell cultures.

Evaluation of the potential carcinogenicity and genetic toxicity to humans of the herbicide acetochlor.

Cancer incidence among alachlor manufacturing workers.

3,4-Dichloropropionanilide-induced atrophy of the thymus: mechanisms of toxicity and recovery.

Mode of action of thyroid tumor formation in the male Long-Evans rat administered high doses of alachlor.

Hierarchical cluster analysis of environmental pollutants through P450 induction in cultured hepatic cells.

Effect of atrazine on ovarian function in the rat.

No changes in behaviour, nigro-striatal system neurochemistry or neuronal cell death following toxic multiple oral paraquat administration to rats.

In vitro studies on the genotoxicity of 2,4-dichloro-6-nitrophenol ammonium (DCNPA) and its major metabolite.

Genotoxicity of the herbicides alachlor and maleic hydrazide in cultured human lymphocytes.

Experience with acute paraquat poisoning in Crete.

Exposure to dimethylarsinic acid, a main metabolite of inorganic arsenics, strongly promotes tumorigenesis initiated by 4-nitroquinoline 1-oxide in the lungs of mice.

Genetic modification of plants: significant issues and hurdles to success.

Histological studies of atrazine toxicity on the thyroid gland in rats.

Evidence of chemical stimulation of hepatic metabolism by an experimental acetanilide (FOE 5043) indirectly mediating reductions in circulating thyroid hormone levels in the male rat.

3-Aminobenzamide: effects on cytochrome P450-dependent metabolism of chemicals and on the toxicity of dichlobenil in the olfactory mucosa.

The detection of S-glutathionation of hepatic carbonic anhydrase III in rats treated with paraquat or diquat.

Detection of 1, N2-propanodeoxyguanosine adducts as potential endogenous DNA lesions in rodent and human tissues.

Retro-Diels-Alder reaction: possible involvement in the metabolic activation of 7-oxabicyclo[2.2.1]hepta-2(3),5(6)-diene-2,3-dicarboxylates and a phosphonate analog.

Pentachlorophenol enhances 9-hydroxybenzo [a] pyrene-induced hepatic DNA adduct formation in vivo and inhibits microsomal epoxide hydrolase and glutathione S-transferase activities in vitro: likely inhibition of epoxide detoxication by pentachlorophenol.

Endocrine modulation of reproduction.

Detection of two metabolites of diquat in urine and serum of poisoned patients after ingestion of a combined herbicide of paraquat and diquat.

Environmental fate of rice pesticides in California.

Herbicide: fatal ammonium thiocyanate and aminotriazole poisoning.

[Prognostication in chronic pesticide poisoning in agricultural workers: state of lipid metabolism].

The somatic white-ivory eye spot test does not detect the same spectrum of genotoxic events as the wing somatic mutation and recombination test in *Drosophila melanogaster*.

Characterization of 2,4-dichlorophenoxyacetic acid transport and its relationship with polyamines in *Azospirillum brasilense*.

Biotransformation of acrolein in rat: excretion of mercapturic acids after inhalation and intraperitoneal injection.

Increased expression of neuronal nitric oxide synthase in bladder afferent pathways following chronic bladder irritation.

The area postrema is involved in paraquat-induced conditioned aversion behavior and neuroendocrine activation of the hypothalamic-pituitary-adrenal axis.

The feeding value of soybeans fed to rats, chickens, catfish and dairy cattle is not altered by genetic incorporation of glyphosate tolerance.

Depression of liver microsomal glucose 6-phosphatase activity in carbon tetrachloride-poisoned rats. Potential synergistic effects of lipid peroxidation and of covalent binding of haloalkane-derived free radicals to cellular components in the process.

Kinetics of the reaction of a potential chemopreventive agent, 2,6-dithiopurine, and its major metabolite, 2,6-dithiouric acid, with multiple classes of electrophilic toxicants.

Purification of hydroxyquinol 1,2-dioxygenase and maleylacetate reductase: the lower pathway of 2,4,5-trichlorophenoxyacetic acid metabolism by *Burkholderia cepacia* AC1100.

Dechlorogeodin and its new dihydro derivatives, fungal metabolites with herbicidal activity.

Metabolism and distribution of [2,3-14C]acrolein in Sprague-Dawley rats.

Transfection of human cytochrome P-450 reductase cDNA and its effect on the sensitivity to toxins.

In vitro metabolism of atrazine, terbutylazine, ametryne, and terbutryne in rats, pigs, and humans.

A phosphonate monoester hydrolase from *Burkholderia caryophylli* PG2982 is useful as a conditional lethal gene in plants.

Nitrosyl cyanide, a putative metabolic oxidation product of the alcohol-deterrent agent cyanamide.

Serum dioxin, testosterone, and gonadotropins in veterans of Operation Ranch Hand.

Interruption of the *gpxA* gene increases the sensitivity of *Neisseria meningitidis* to paraquat.

Role of manganese superoxide dismutase in a mucoid isolate of *Pseudomonas aeruginosa*: adaptation to oxidative stress.

Identification of a major human urinary metabolite of alachlor by LC-MS/MS.

Metabolic activation of 2,6-dichlorobenzonitrile, an olfactory-specific toxicant, by rat, rabbit, and human cytochromes P450.

Assessment of the role of the glutathione and pentose phosphate pathways in the protection of primary cerebrocortical cultures from oxidative stress.

High-performance liquid chromatographic study of the aromatic nitrile metabolism in soil bacteria.

The effects of chronic sidestream cigarette smoke exposure on eicosanoid production by tracheal epithelium.

Metabolism of twelve herbicides by *Streptomyces*.

Characterization of chlorinated adducts of hemoglobin and albumin following administration of pentachlorophenol to rats.

Mono- and dimethylation of arsenic in rat liver cytosol in vitro.

A convenient method to discriminate between cytochrome P450 enzymes and flavin-containing monooxygenases in human liver microsomes.

Analysis of herbicide metabolism by monocot microsomal cytochrome P450.

Oxidative DNA lesions in V79 cells mediated by pentachlorophenol metabolites.

Glucose, glutathione, and cellular response to spermine oxidation products.

Decreased liver type I 5'-deiodinase and increased brown adipose tissue type II 5'-deiodinase activity in 2,3,7,8-tetrachlorobibenzo-p-dioxin (TCDD)-treated Long-Evans rats.

Heparan sulfate proteoglycans play a dual role in regulating fibroblast growth factor-2 mitogenic activity in human breast cancer cells.

[Toxicologic risk assessment and prevention: rational and irrational approaches].

Biphasic response of action potential duration to metabolic inhibition in rabbit and human ventricular myocytes: role of transient outward current and ATP-regulated potassium current.

Enforced expression of Bcl-XS induces differentiation and sensitizes chronic myelogenous leukemia-blast crisis K562 cells to 1-beta-D-arabinofuranosylcytosine-mediated differentiation and apoptosis.

Oxidative DNA damage induced by activation of polychlorinated biphenyls (PCBs): implications for PCB-induced oxidative stress in breast cancer.

Retinoic acid affects the expression rate of the differentiation-related genes aryl hydrocarbon receptor, ARNT and keratin 4 in proliferative keratinocytes only.

Possible role of arachidonic acid in stress-induced cytochrome P450IA1 activity.

Interactive effects between 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,2',4,4',5,5'-hexachlorobiphenyl in female B6C3F1 mice: tissue distribution and tissue-specific enzyme induction.

Induction of chromosomal aberrations in cultured human fibroblasts by inorganic and organic arsenic compounds and the different roles of glutathione in such induction.

Differences in inducibility of CYP1A1-mRNA by benzimidazole compounds between human and mouse cells: evidences of a human-specific signal transduction pathway for CYP1A1 induction.

Randomised study of cognitive effects of iron supplementation in non-anaemic iron-deficient adolescent girls.

Prostaglandin production via induction of cyclooxygenase-2 by human gingival fibroblasts stimulated with lipopolysaccharides.

Oxidative modification of low-density lipoprotein by the human hepatoma cell line HepG2.

Signs of enhanced neuromotor maturation in children due to perinatal load with background levels of dioxins. Follow-up until age 2 years and 7 months.

Undersulfation of glycosaminoglycans reduces the proliferation of a leukemia cell line in vitro.

Prenatal hormonal therapy improves pulmonary morphology in rats with congenital diaphragmatic hernia.

beta-Apo-8'-carotenal, but not beta-carotene, is a strong inducer of liver cytochromes P4501A1 and 1A2 in rat.

Photosensitization of uroporphyrin augments the ultraviolet A-induced synthesis of matrix metalloproteinases in human dermal fibroblasts.

Fulminant malignant hyperthermia associated with ketoacidotic diabetic coma.

Disturbed host defense in peritoneal cavity during CAPD: characterization of responsible factors in dwell fluid.

In ovo 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in three avian species. 2. Effects on estrogen receptor and plasma sex steroid hormones during the perinatal period.

In ovo 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in three avian species. 1. Effects on thyroid hormones and growth during the perinatal period.

Genetic analysis of oxygen defense mechanisms in *Drosophila melanogaster* and identification of a novel behavioural mutant with a Shaker phenotype.

Mechanisms of colon cancer binding to substratum and cells.

Ormaplatin resistance is associated with decreased accumulation of its platinum (II) analogue, dichloro(D,L-trans)1,2-diaminocyclohexaneplatinum (II).

An effect of K-ras gene mutation on epidermal growth factor receptor signal transduction in PANC-1 pancreatic carcinoma cells.

Complementation of Ah receptor deficiency in hepatoma cells: negative feedback regulation and cell cycle control by the Ah receptor.

Inhibition of HSP70 expression by calcium ionophore A23187 in human cells. An effect independent of the acquisition of DNA-binding activity by the heat shock transcription factor.

Transport mechanisms of anthracycline derivatives in human leukemia cell lines: uptake of pirarubicin, daunorubicin and doxorubicin by K562 and multidrug-resistant K562/ADM cells.

Diagnostic criteria for selenium toxicosis in aquatic birds: dietary exposure, tissue concentrations, and macroscopic effects.

In utero and lactational exposure of female Holtzman rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin: modulation of the estrogen signal.

Cancer incidence and specific occupational exposures in the Swedish leather tanning industry: a cohort based case-control study.

Respiratory activity is essential for post-exponential-phase production of type 5 capsular polysaccharide by *Staphylococcus aureus*.

Nephrotoxicity of 4-amino-2-chlorophenol and 2-amino-4-chlorophenol in the Fischer 344 rat.

Comparative effects of the metabolic inhibitors 2,4-dinitrophenol and iodoacetate on mouse neuroblastoma cells in vitro.

Variable effects of tyrosine kinase inhibitors on avian osteoclastic activity and reduction of bone loss in ovariectomized rats.

Physical and functional association between GADD153 and CCAAT/enhancer-binding protein beta during cellular stress.

Intracellular glutathione level modulates the induction of apoptosis by delta 12-prostaglandin J2.

Studies on the mechanism of hepatotoxicity of 4-methylphenol (p-cresol): effects of deuterium labeling and ring substitution.

Decreased cerebral glucose utilization in rats during the ebb phase of thermal injury.

Uroporphyrin accumulation associated with cytochrome P4501A induction in fish hepatoma cells exposed to aryl hydrocarbon receptor agonists, including 2,3,7,8-tetrachlorodibenzo-p-dioxin and planar chlorobiphenyls.

Latent effects of pesticides and toxic substances on sexual differentiation of rodents.

Synergistic effect of 2,2',4,4',5,5'-hexachlorobiphenyl and 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic porphyrin levels in the rat.

Dysfunction of polymorphonuclear leukocytes in uremia.

Promotion of endometriosis by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats and mice: time-dose dependence and species comparison.

Protein-tyrosine kinases activate while protein-tyrosine phosphatases inhibit L-type calcium channel activity in pituitary GH3 cells.

Factors influencing the development of sigmoid colon cancer. Bacteriologic and biochemical studies.

Role of decomposition products in sodium methylthiocarbamate-induced immunotoxicity.

The involvement of cytochrome P4502E1 in 2-bromoethanol-induced hepatocyte cytotoxicity.

Synthesis of [11C-methyl]-alpha-aminoisobutyric acid (AIB).

Microcytic anemia with iron malabsorption: an inherited disorder of iron metabolism.

Enhanced arsenite-induced hepatic morphological and biochemical changes in phenobarbital-pretreated rats.

Implications for risk assessment of suggested nongenotoxic mechanisms of chemical carcinogenesis.

Prenatal hormonal therapy improves pulmonary compliance in the nitrofen-induced CDH rat model.

Glutathione transferase activity and formation of macromolecular adducts in two cases of acute methyl bromide poisoning.

Autonomic and behavioral thermoregulation in golden hamsters exposed perinatally to dioxin.

[The Anders Jahres Prize. Intracellular signal transmission via dioxin receptors].

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin, 12-O-tetradecanoylphorbol-13-acetate and 17 beta-estradiol on estrogen receptor regulation in MCF-7 human breast cancer cells.

[Involvement of sulfated proteoglycans in the control of proliferation of MCF-7 breast cancer cells].

Blood and air pollution: state of knowledge and research needs.

Energy-ubiquitin-dependent muscle proteolysis during sepsis in rats is regulated by glucocorticoids.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on humoral and cell-mediated immunity in Sprague-Dawley rats.

Increased oxidative DNA damage in livers of 2,3,7,8-tetrachlorodibenzo-p-dioxin treated intact but not ovariectomized rats.

Cytochrome P450 and its interactions with the heme biosynthetic pathway.

Inhibition of the accumulation of uremic toxins in the blood and their precursors in the feces after oral administration of Lebenin, a lactic acid bacteria preparation, to uremic patients undergoing hemodialysis.

Induction of chromosomal aberrations by 2,4-dichloro-6-aminophenol in cultured V79 cells.

Host resistance to rat cytomegalovirus (RCMV) and immune function in adult PVG rats fed herring from the contaminated Baltic Sea.

Effects of canthaxanthin, astaxanthin, lycopene and lutein on liver xenobiotic-metabolizing enzymes in the rat.

Curcumin induces apoptosis in immortalized NIH 3T3 and malignant cancer cell lines.

Effects of iron replenishment on iron, calcium, phosphorus and magnesium metabolism in iron-deficient rats.

Cancers of skin, bone, connective tissues, brain, eye, thyroid and other specified and unspecified sites in Inuit.

[Separation of methotrexate-polyglutamates by capillary electrophoresis and its application to the measurement of gamma-glutamyl hydrolase activity in human leukemia cells in culture].

Formation of 8-hydroxydeoxyguanosine in calf thymus DNA treated with tert-butylhydroquinone, a major metabolite of butylated hydroxyanisole.

Comparisons on chemically-induced mutagenicity among four bacterial strains, Salmonella typhimurium TA102 and TA2638, and Escherichia coli WP2/pKM101 and WP2 uvrA/pKM101: collaborative study I.

Nitro musk compounds genotoxic activity : Genotoxicity testing of nitro musks with the SOS-chromotest and the sister-chromatid exchange test.

Oxygen dependence of respiration in coupled and uncoupled endothelial cells.

Morbidity study of extruder personnel with potential exposure to brominated dioxins and furans. II. Results of clinical laboratory studies.

Effects of metabolic inhibitors and lectins on the menadione-dependent generation of H₂O₂ by rat thymocytes.

Changes in abundance of an abscisic acid-responsive, early cysteine-labeled metallothionein transcript during pollen embryogenesis in bread wheat (*Triticum aestivum*).

Basal metabolism of intraperitoneally injected carrier-free ⁷⁴As-labeled arsenate in rabbits.

Differences in cytochrome P450-mediated biotransformation of 1,2-dichlorobenzene by rat and man: implications for human risk assessment.

Synthesis and in vitro reactivity of 3-carbamoyl-2-phenylpropionaldehyde and 2-phenylpropenal: putative reactive metabolites of felbamate.

Regulation of gene expression of various phase I and phase II drug-metabolizing enzymes by tamoxifen in rat liver.

Stereoselective action of (R*,R*)-(+/-)-methyl-4-[2-[2-hydroxy-2-(3-chlorophenyl)ethylamino] propyl]-phenoxyacetic acid (BRL37344) on beta-adrenoceptors and metabolic chiral inversion.

Inducibility of cytochromes P-450 by dioxin in liver and extrahepatic tissues of the marmoset monkey (*Callithrix jacchus*).

Arginase, Arginine Decarboxylase, Ornithine Decarboxylase, and Polyamines in Tomato Ovaries (Changes in Unpollinated Ovaries and Parthenocarpic Fruits Induced by Auxin or Gibberellin).

[Bladder neoplasms and cyclophosphamide. Apropos of 3 cases and review of the literature].

Aldehyde dehydrogenase activity and acetate production by aerobic bacteria representing the normal flora of human large intestine.

TCDD endrin and lindane induced increases in lipid metabolites in maternal sera and amniotic fluids of pregnant C57BL/6J and DBA/2J mice.

Is the uptake of pefloxacin in human blood monocytes a simple diffusion process?

Peroxynitrite augments fMLP-stimulated chemiluminescence by neutrophils in human whole blood.

Identification and characterisation of a superoxide dismutase and catalase from *Mycobacterium ulcerans*.

Effects of tyrosine kinase inhibitors on tyrosine phosphorylations and the insulin-like effects in response to human growth hormone in isolated rat adipocytes.

Independent antioxidant action of vitamins E and C in cultured rat hepatocytes intoxicated with allyl alcohol.

Src kinase pathways in extracellular Ca²⁺-dependent pancreatic enzyme secretion.

Subchronic dispositional and toxicological effects of arsenate administered in drinking water to mice.

The Effects of Exogenous Auxins on Endogenous Indole-3-Acetic Acid Metabolism (The Implications for Carrot Somatic Embryogenesis).

Lymphocyte adhesive interactions with cultured parotid salivary gland epithelial cells from rats.

Activation of tinidazole, an antiprotozoal drug to a mutagen by mammalian liver S9.

Effect of metabolic inhibition on K⁺ channels in pyramidal cells of the hippocampal CA1 region in rat brain slices.

Anti-herpes simplex virus activity of n-docosanol correlates with intracellular metabolic conversion of the drug.

Depletion of glucose causes presynaptic inhibition of neuronal transmission in the rat dorsolateral septal nucleus.

Baculovirus-mediated expression and characterization of rat CYP2A3 and human CYP2a6: role in metabolic activation of nasal toxicants.

Metabolism of alcohol by human gastric cells: relation to first-pass metabolism.

Hormone induction of ascorbic acid transport in immature granulosa cells.

Aldehyde dismutase activity of human liver alcohol dehydrogenase.

Freeze-induced shrinkage of individual cells and cell-to-cell propagation of intracellular ice in cell chains from salivary glands.

Purification and partial characterization of an indomethacin hydrolyzing enzyme from pig liver.

Role of catalase in rat gastric mucosal ethanol metabolism in vitro.

Effects of photoreceptor metabolism on interstitial and glial cell pH in bee retina: evidence of a role for NH_4^+ .

Enumeration of human colonic bacteria producing phenolic and indolic compounds: effects of pH, carbohydrate availability and retention time on dissimilatory aromatic amino acid metabolism.

Aryl-hydrocarbon receptor-deficient mice are resistant to 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced toxicity.

Differential regulation of mouse Ah receptor gene expression in cell lines of different tissue origins.

Uptake of duck hepatitis B virus into hepatocytes occurs by endocytosis but does not require passage of the virus through an acidic intracellular compartment.

Non-, mono-, and di-o-chlorobiphenyl concentrations and their toxic equivalents to 2,3,7,8-tetrachlorodibenzo[p]dioxin in Aroclors(R) and digestive glands from American lobster (*Homarus americanus*) captured in Atlantic Canada.

Atypical cytochrome P450 induction profiles in glomerular mesangial cells at the mRNA and enzyme level. Evidence for CYP1A1 and CYP1B1 expression and their involvement in benzo[a]pyrene metabolism.

2,3,7,8-Tetrachlorodibenzo-p-dioxin affects retinol esterification in rat hepatic stellate cells and kidney.

Enhancement of intestinal transport of thyrotropin-releasing hormone via a carrier-mediated transport system by chemical modification with lauric acid.

Retro-retinoids in regulated cell growth and death.

Uncoupling effect of polyunsaturated fatty acid deficiency in isolated rat hepatocytes: effect on glycerol metabolism.

Metabolism of organochlorine pesticides: the role of human cytochrome P450 3A4.

Metabolic stress opens K⁺ channels in hepatoma cells through a Ca²⁺- and protein kinase alpha-dependent mechanism.

Dual effect of glyburide, an antagonist of KATP channels, on metabolic inhibition-induced Ca²⁺ loading in cardiomyocytes.

Effect of cystathionine and cystathionine metabolites on the phosphorylation of tyrosine residues in human neutrophils.

Pharmacological study of atypical beta-adrenoceptors in rat esophageal smooth muscle.

The reliability of the serum dioxin measurement in veterans of Operation Ranch Hand.

Protein kinase C activation inhibits stress-induced synthesis of heat shock protein 27 in osteoblast-like cells: function of arachidonic acid.

The effects of physical and chemical agents on the secretion and stability of a *Fusobacterium necrophorum* hemolysin.

Interaction with the aromatic hydrocarbon receptor, CYP1A induction, and mutagenicity of a series of diaminotoluenes: implications for their carcinogenicity.

Sodium and chloride ion-dependent transport of beta-alanine across the blood-brain barrier.

Toxicity of phenol and monochlorophenols to growth and metabolic activities of *Pseudomonas*.

Analysis of the globose basal cell compartment in rat olfactory epithelium using GBC-1, a new monoclonal antibody against globose basal cells.

Glutathione depletion in human erythrocytes and rat liver: a study on the interplay between bioactivation and inactivation functions of liver and blood.

Characterization of urinary metabolites from Sprague-Dawley rats and B6C3F1 mice exposed to [1,2,3,4-¹³C]butadiene.

The effect of the lipid peroxidation product 4-hydroxynonenal and of its metabolite 4-hydroxynonenic acid on respiration of rat kidney cortex mitochondria.

Transport pathway, maturation, and targetting of the vesicular stomatitis virus glycoprotein in skeletal muscle fibers.

Dependence on temperature of the effect of dinitrophenol on the release of transmitter quanta at neuromuscular junctions in the mouse diaphragm.

Toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in two substrains of male Long-Evans rats after intravenous injection.

Lipopolysaccharide inhibits in vitro luteinizing hormone-stimulated rat ovarian granulosa cell estradiol but not progesterone secretion.

The capability of rat colon tissue slices to metabolize the cooked-food carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine.

Oligosaccharide mapping reveals hormone-specific glycosylation patterns on equine gonadotropin alpha-subunit Asn56.

Induction of heme oxygenase-1 in LMH cells. Comparison of LMH cells to primary cultures of chick embryo liver cells.

Zonation of cytochrome P450 enzyme expression in rat liver. Isozyme-specific regulation by pituitary dependent hormones.

Protection by transfected rat or human class 3 aldehyde dehydrogenase against the cytotoxic effects of oxazaphosphorine alkylating agents in hamster V79 cell lines. Demonstration of aldophosphamide metabolism by the human cytosolic class 3 isozyme.

Mechanism of Safening Action of Dymuron and Its Two Monomethyl Analogues against Bensulfuron-methyl Injury to Rice (*Oryza sativa*).

Insecticide and Insecticide Metabolite Interactions with Cytochrome P450 Mediated Activities in Maize.

Estrogens attenuate and corticosterone exacerbates excitotoxicity, oxidative injury, and amyloid beta-peptide toxicity in hippocampal neurons.

Characterization of a sodium-dependent magnesium efflux from magnesium-loaded rat pancreatic acinar cells.

Acute ethanol administration induces oxidative changes in rat pancreatic tissue.

Comparison of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) disposition following pulmonary, oral, dermal, and parenteral exposures to rats.

The role of toxicology in the evaluation of new agrochemicals.

Movement of yeast cortical actin cytoskeleton visualized in vivo.

Functional interaction between K(ATP) channels and the Na(+)-K(+) pump in metabolically inhibited heart cells of the guinea-pig.

Modulation of Ca²⁺ channel activity by ATP metabolism and internal Mg²⁺ in guinea-pig basilar artery smooth muscle cells.

Nephrotoxic potential of 2-amino-5-chlorophenol and 4-amino-3-chlorophenol in Fischer 344 rats: comparisons with 2- and 4-chloroaniline and 2- and 4-aminophenol.

Mutagenic potential of binary and complex mixtures using different enzyme induction systems.

Amyloplast formation in cultured tobacco cells; effects of plant hormones on multiplication, size, and starch content.

PLD activation in Chinese hamster ovary (CHO) cells transfected with PGF₂ alpha receptor cDNA.

Mechanism of acetaminophen-induced hepatotoxicity: covalent binding versus oxidative stress.

Metabolites of chlorinated syringaldehydes in fish bile as biomarkers of exposure to bleached eucalypt pulp effluents.

Actions of selected hepatotoxicants on freshly isolated and cryopreserved rat hepatocytes.

Somatic embryogenesis and shoot regeneration from excised adventitious roots of the rootstock *Rosa hybrida* L. 'Moneyway'.

Mammalian plasma and tissue-bound semicarbazide-sensitive amine oxidases: biochemical, pharmacological and toxicological aspects.

Arsenic-copper interaction in the kidney of the rat: influence of arsenic metabolites.

Analytical findings in a suicide involving sodium azide.

Triphenyltin acetate toxicity: a biochemical and ultrastructural study on mouse thymocytes.

[Conformational changes of the platelet membrane glycoprotein IIb-IIIa complex stimulated by a monoclonal antibody to the N-terminal segment of glycoprotein IIIa].

Role of Cu/Zn-superoxide dismutase in xenobiotic activation. II. Biological effects resulting from the Cu/Zn-superoxide dismutase-accelerated oxidation of the benzene metabolite 1,4-hydroquinone.

Evaluation of serum lipid concentrations among U.S. workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Induction of CYP1A1 and ALDH-3 in lymphoid tissues from Fisher 344 rats exposed to 2,3,7,8-tetrachlorodibenzodioxin (TCDD).

Development of a caffeine breath test to measure cytochrome P450-1A activity in birds.

Carbohydrate induced modulation of cell membrane: II. Spin label study of fluidity changes in peripheral blood lymphocyte membrane.

Synergy between chronic corticosterone and sodium azide treatments in producing a spatial learning deficit and inhibiting cytochrome oxidase activity.

Studies on trans-cinnamaldehyde II: Mechanisms of cytotoxicity in rat isolated hepatocytes.

The MS-MS determination of the fragmentation pathways of some substituted 1,2,3-benzotriazin-4-ones with possible applications in metabolic studies.

Radiosynthesis of [123I]N-methyl-4-iododexetimide and [123I]N-methyl-4-iodolevetimide: in vitro and in vivo characterisation of binding to muscarinic receptors in the rat heart.

3,3',4,4'-tetrachloroazobenzene absorption, disposition, and metabolism in male Fischer 344 rats.

Hormonal regulation of S-adenosylmethionine synthase transcripts in pea ovaries.

Metabolic effects of inhibitors of two enzymes of the branched-chain amino acid pathway in *Salmonella typhimurium*.

The acid metabolite of ZD7114 is a partial agonist of lipolysis mediated by the rat beta 3-adrenoceptor.

Glutathionyl hydroquinone: a potent pro-oxidant and a possible toxic metabolite of benzene.

Investigation of liver binding of pentachlorophenol based upon measurement of protein adducts.

Haemoglobin adducts as biomarkers of exposure to the herbicides propanil and fluometuron.

Bald eagle mortality and chlorinated hydrocarbon contaminants in livers from British Columbia, Canada, 1989-1994.

Maintenance of the K⁺ activity gradient in insect muscle compared in diptera and lepidoptera: contributions of metabolic and exchanger mechanisms.

Metabolic inhibitors affect the conductance of low voltage-activated calcium channels in brain capillary endothelial cells.

Role of cell surface glycosaminoglycans of human T cells in human immunodeficiency virus type-1 (HIV-1) infection.

Anisoosmotic regulation of hepatic gene expression.

Metabolism of 1,2-dichloro-1-fluoroethane and 1-fluoro-1,2,2-trichloroethane: electronic factors govern the regioselectivity of cytochrome P450-dependent oxidation.

Changes in taurine as an indicator of hepatic dysfunction and biochemical perturbations. Studies in vivo and in vitro.

The effect of 2,4-dichlorophenol on lipid peroxidation in tissues of guinea pigs with different ascorbic acid intake.

Effect of verapamil on allyl alcohol hepatotoxicity.

Assessment of exposure to inorganic arsenic, a human carcinogen, due to the consumption of seafood.

Hemoglobin and DNA adduct formation in Fischer-344 rats exposed to 2,4- and 2,6-toluene diamine.

Dose-dependent kinetics and metabolism of 1,2-dichlorobenzene in rat: effect of pretreatment with phenobarbital.

Trout liver slices for metabolism and toxicity studies.

Intestinal brush border transport mechanism of 5-fluorouracil in rats.

Influence of medium components and metabolic inhibitors on glucose oxidase production by *Aspergillus niger* mycelium.

Expression of abundant mRNAs during somatic embryogenesis of white spruce [*Picea glauca* (Moench) Voss].

Potential role of the peroxidase-dependent metabolism of serotonin in lowering the polymorphonuclear leukocyte bactericidal function.

Oxidative phenotype polymorphism (P450 2D6) and metabolism of toluene.

Metabolism of [Des-Gly10,D-Trp6]LHRH ethylamide in rabbit nasal tissue.

Induction of apoptosis in NK cells by monocyte-derived reactive oxygen metabolites.

Habitual and genetic factors that affect urinary background levels of biomarkers for organic solvent exposure.

A mechanistic model of effects of dioxin on thyroid hormones in the rat.

Endogenous reactive oxygen metabolites mediate sublethal endothelial cell dysfunction during reoxygenation.

Effects of modulation of sulphation and glucuronidation on chlorpropham metabolism and cytotoxicity in isolated rat hepatocytes.

2,4-Dichlorophenoxyacetic acid influx is mediated by an active transport system in Chinese hamster ovary cells.

Thiols metabolism is altered by the herbicides paraquat, dinoseb and 2,4-D: a study in isolated hepatocytes.

Effect of glutathione depletion on metallothionein synthesis induced by paraquat in mice.

Modifications of neurofilament proteins by possible metabolites of allyl chloride in vitro.

Radical formation site of cerebral complex I and Parkinson's disease.

Inorganic pentavalent arsenic methylation by rats: effect of concentration and dichromate.

Changes in primary and secondary lymphoid organ T-cell subpopulations resulting from acute in vivo exposure to propanil.

The effects of diquat and ciprofibrate on mRNA expression and catalytic activities of hepatic xenobiotic metabolizing and antioxidant enzymes in rat liver.

The effect of p-chloroaniline on leucocytes of sheep peripheral blood under the migration-inhibition test conditions.

Lack of methylation of inorganic arsenic in the chimpanzee.

Toxic effects of carbofuran and glyphosate on semen characteristics in rabbits.

Induction of 8-hydroxy-2-deoxyguanosine and single-strand breaks in DNA of V79 cells by tetrachloro-p-hydroquinone.

The herbicide dicamba (2-methoxy-3,6-dichlorobenzoic acid) is a peroxisome proliferator in rats.

Acrolein mercapturates: synthesis, characterization, and assessment of their role in the bladder toxicity of cyclophosphamide.

Extrathyroidally mediated changes in circulating thyroid hormone concentrations in the male rat following administration of an experimental oxyacetamide (FOE 5043).

The metabolism and DNA binding of the cooked-food mutagen, 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in precision-cut rat liver slices.

On the effects of paraquat on isolated mitochondria. Evidence that paraquat causes opening of the cyclosporin A-sensitive permeability transition pore synergistically with nitric oxide.

Deaths from pesticide poisoning in England and Wales 1990-1991.

Effect of s-triazine compounds on testosterone metabolism in the rat prostate.

Ifosfamide and mesna: effects on the Na/H exchanger activity in renal epithelial cells in culture (LLC-PK1).

The effects of subchronic chlorate exposure in Sprague-Dawley rats.

Mitochondrial bioenergetics is affected by the herbicide paraquat.

Olfactory toxicity of diethyldithiocarbamate (DDTC) and disulfiram and the protective effect of DDTC against the olfactory toxicity of dichlobenil.

Induction of hepatic drug-metabolizing enzymes by chlornitrofen (CNP) and CNP-amino in rats and mice.

Cancer induction by an organic arsenic compound, dimethylarsinic acid (cacodylic acid), in F344/DuCrj rats after pretreatment with five carcinogens.

Mutations in PMR1 suppress oxidative damage in yeast cells lacking superoxide dismutase.

Atrazine toxicity on transport properties of hemocyanin in the crab *Oziotelphusa senex senex*.

Dichlobenil in the fetal and neonatal mouse olfactory mucosa.

Mutagenicity and antimutagenicity testing of six chemicals associated with the pungent properties of specific spices as revealed by the Ames Salmonella/microsomal assay.

Rapid toxicity assessment using an in vivo enzyme test for *Brachionus plicatilis* (Rotifera).

Inhibition of rat liver low Km aldehyde dehydrogenase by thiocarbamate herbicides. Occupational implications.

[Retrospective study of the morbidity in a group occupationally exposed to chlorotriazine herbicides: preliminary results].

Wheat microsomal cytochrome P450 monooxygenases: characterization and importance in the metabolic detoxification and selectivity of wheat herbicides.

Fate and effects of acrolein.

Glyphosate herbicide poisoning: use of a routine aminoacid analyzer appears to be a rapid method for determining glyphosate and its metabolite in biological fluids.

DNA-strand breaks induced by dimethylarsinic acid, a metabolite of inorganic arsenics, are strongly enhanced by superoxide anion radicals.

The influence of glutathione and detoxifying enzymes on DNA damage induced by 2-alkenals in primary rat hepatocytes and human lymphoblastoid cells.

Atrazine treatment potentiates excretion of mutagenic urine in 2,6-dinitrotoluene-treated Fischer 344 rats.

Effects of repeated oral doses of Dikamin D (2,4-D-amine Na) on rats.

Changes in serotonin metabolism during treatment with the aldehyde dehydrogenase inhibitors disulfiram and cyanamide.

Pentachlorophenol accumulation in the freshwater mussels *Anodonta anatina* and *Pseudanodonta complanata*, and some physiological consequences of laboratory maintenance.

Dapsone-induced hemolytic anemia: role of glucose-6-phosphate dehydrogenase in the hemolytic response of rat erythrocytes to N-hydroxydapsone.

Comparative biochemical and stress analysis of genetically selected *Drosophila* strains with different longevities.

Benzoyl-coenzyme A reductase (dearomatizing), a key enzyme of anaerobic aromatic metabolism. ATP dependence of the reaction, purification and some properties of the enzyme from *Thaueria aromatica* strain K172.

A unique metabolism of inorganic arsenic in native Andean women.

The effect of protoporphyrinogen oxidase inhibitors on microsomal and mitochondrial cytochromes.

Metabolism of the herbicide chlortoluron by human cytochrome P450 3A4.

Differential induction of cytochrome P450-mediated triasulfuron metabolism by naphthalic anhydride and triasulfuron.

Gastric metabolism of ethanol in Syrian golden hamster.

Phagocytosis of fluorescent beads by rat thyroid follicular cells (FRTL-5): comparison with iodide trapping as an index of functional activity of thyrocytes in vitro.

Pseudomonas aeruginosa sodA and sodB mutants defective in manganese- and iron-cofactored superoxide dismutase activity demonstrate the importance of the iron-cofactored form in aerobic metabolism.

Evidence from ³²P-postlabeling and the use of pentachlorophenol for a novel metabolic activation pathway of diethylstilbestrol and its dimethyl ether in mouse liver: likely alpha-hydroxylation of ethyl group(s) followed by sulfate conjugation.

Time dependence of accumulation and binding of inorganic and organic arsenic species in rabbit erythrocytes.

Biological monitoring of commercial pesticide applicators for urine metabolites of the herbicide alachlor.

Further evidence that the blood/brain barrier impedes paraquat entry into the brain.

Identification of methylated metabolites of inorganic arsenic by thin-layer chromatography.

Characterization of the first enzyme in 2,4-dichlorophenoxyacetic acid metabolism.

Protective effects of prostaglandin E2 on the paraquat-induced constriction of the fetal ductus arteriosus in the rat.

Evidence for cross-pathway regulation of metabolic gene expression in plants.

Metabolism of 3,5-di-*t*-butyl-4-methylphenyl N-methylcarbamate, Terbutcarb, on isolated rat hepatocytes.

In vivo metabolism of pentachlorophenol and aniline in Arctic charr (*Salvelinus alpinus* L.) larvae.

Multiresidue method for the chromatographic determination of triazine herbicides and their metabolites in raw agricultural products.

Hydrogen peroxide degradation and glutathione peroxidase activity in cultures of thyroid cells.

Effects of 2,4-dichlorophenoxyacetic acid on polyamine transport and metabolism in *Azospirillum brasilense* Cd.

Synthesis and biological activity of derivatives of the herbicidal metabolite CL22T (phthoxazolin).

Effect of ethanol, propanol, butanol, and catalase enzyme blockers on beta-endorphin secretion from primary cultures of hypothalamic neurons: evidence for a mediatory role of acetaldehyde in ethanol stimulation of beta-endorphin release.

Sequence analysis of a gene cluster involved in metabolism of 2,4,5-trichlorophenoxyacetic acid by *Burkholderia cepacia* AC1100.

EmrE, an *Escherichia coli* 12-kDa multidrug transporter, exchanges toxic cations and H⁺ and is soluble in organic solvents.

Metabolic activation of the olfactory toxicant, dichlobenil, in rat olfactory microsomes: comparative studies with *p*-nitrophenol.

Development of a physiologically based pharmacokinetic model for 2,4-dichlorophenoxyacetic acid dosimetry in discrete areas of the rabbit brain.

Proteolysis in cultured liver epithelial cells during oxidative stress. Role of the multicatalytic proteinase complex, proteasome.

MPP⁺ selectively affects calcium homeostasis in mesencephalic cell cultures from embryonal C57/Bl6 mice.

Metabolism of herbicides by cytochrome P450 in corn.

Metabolic deactivation of the herbicide thiazopyr by animal liver esterases.

2,3,7,8-Tetrachlorodibenzo-*p*-dioxin-induced anorexia and wasting syndrome in rats: aggravation after ventromedial hypothalamic lesion.

Developmental effects of dioxins and related endocrine disrupting chemicals.

The role of the neurohormone melatonin as a buffer against macromolecular oxidative damage.

PPAR: a mediator of peroxisome proliferator action.

Isolation of leukocytes infiltrating the islets of Langerhans of diabetes-prone mice for flow cytometric analysis.

Organochlorine compounds and estrogen-related cancers in women.

Quantitative analysis of collagen and collagen subtypes I, III, and V in human pancreatic cancer, tumor-associated chronic pancreatitis, and alcoholic chronic pancreatitis.

Influence of iron-limited continuous culture on physiology and virulence of *Legionella pneumophila*.

Mycotrienins. A new class of potent inhibitors of osteoclastic bone resorption.

Influence of xenobiotics on rainbow trout liver estrogen receptor and vitellogenin gene expression.

[Comparative study on pharmacological effects of various species of *Pueraria*].

Oxidative processes in red blood cells from normal and diabetic individuals.

Photodegradation and in vitro phototoxicity of the antidiabetic drug chlorpropamide.

Immunoresponsiveness in endometriosis: implications of estrogenic toxicants.

Effects of pesticides on the ratio of 16 alpha/2-hydroxyestrone: a biologic marker of breast cancer risk.

Shedding of surface-bound antibody by adult *Dictyocaulus viviparus*.

Increased rate of adenosine triphosphate-dependent etoposide (VP-16) efflux in a murine leukemia cell line overexpressing the multidrug resistance-associated protein (MRP) gene.

Differential response of normal and HPV immortalized ectocervical epithelial cells to B[a]P.

Adaptation of Ehrlich ascites carcinoma cells to energy deprivation in vivo can be associated with heat shock protein accumulation.

Dietary exposure of mink to carp from Saginaw Bay, Michigan: 2. Hematology and liver pathology.

Bilateral idiopathic loss of peripheral vestibular function with normal hearing.

Pesticides--how research has succeeded and failed in informing policy: DDT and the link with breast cancer.

2,3,7,8-Tetrachlorodibenzo-p-dioxin sensitization of cultured human epidermal cells to carcinogenic heterocyclic amine toxicity.

Establishment of a recombinant hepatic cell line stably expressing alcohol dehydrogenase.

Inhibition of oxidative phosphorylation by palmitoyl-CoA in digitonin permeabilized fibroblasts: implications for long-chain fatty acid beta-oxidation disorders.

Distribution of microsomal epoxide hydrolase and glutathione S-transferase in the rat olfactory mucosa: relevance to distribution of lesions caused by systemically-administered olfactory toxicants.

Human hepatoma cell mutant defective in cell surface protein trafficking.

Inhibition of 4-hydroxyphenylpyruvate dioxygenase by 2-(2-nitro-4-trifluoromethylbenzoyl)-cyclohexane-1,3-dione and 2-(2-chloro-4-methanesulfonylbenzoyl)-cyclohexane-1,3-dione.

Radiosyntheses of labeled beta-pseudothymidine ([C-11]- and [H-3]methyl) and its biodistribution and metabolism in normal and tumored mice.

Hyperresponse in calcium-induced insulin release from electrically permeabilized pancreatic islets of diabetics GK rats and its defective augmentation by glucose.

Characterization of hormonogenic sites in an N-terminal, cyanogen bromide fragment of human thyroglobulin.

The mechanism of action of the two-layer cold storage method in canine pancreas preservation--protection of pancreatic microvascular endothelium.

The efficacy of erythropoietin in human immunodeficiency virus-infected end-stage renal disease patients treated by maintenance hemodialysis.

Mechanism of high K⁺ and TI⁺ uptake in cultured human glioma cells.

Alternative models for low dose-response analysis of biochemical and immunological endpoints for tetrachlorodibenzo-p-dioxin.

Functional aspects of developmental toxicity of polyhalogenated aromatic hydrocarbons in experimental animals and human infants.

Neonatal lethality associated with respiratory distress in mice lacking cytochrome P450 1A2.

Immune system impairment and hepatic fibrosis in mice lacking the dioxin-binding Ah receptor.

Subchronic dose-response study of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats.

Human macrophages acquire a hyporesponsive state of tumor necrosis factor alpha production in response to successive Mycobacterium avium serovar 4 stimulation.

Identity and pathogenesis of stomach tumors in Sprague-Dawley rats associated with the dietary administration of butachlor.

Induction of endometriosis in mice: a new model sensitive to estrogen.

Formation of 8-hydroxydeoxyguanosine in calf thymus DNA treated in vitro with phenylhydroquinone, the major metabolite of O-phenylphenol.

Enzyme induction by L-buthionine (S,R)-sulfoximine in cultured mouse hepatoma cells.

ACTH-(1-24) blocks the decompensatory phase of the haemodynamic response to acute hypovolaemia in conscious rabbits.

Activation of mesangial cells by the phosphatase inhibitor vanadate. Potential implications for diabetic nephropathy.

Correlation between toxicity and effects on intermediary metabolism in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated male C57BL/6J and DBA/2J mice.

Exposure to TCDD during development permanently alters reproductive function in male Long Evans rats and hamsters: reduced ejaculated and epididymal sperm numbers and sex accessory gland weights in offspring with normal androgenic status.

Acinar cell respiration in experimental acute pancreatitis.

Prenatal hormonal therapy improves pulmonary compliance in the nitrofen-induced CDH rat model.

[The influence of 2,4-dinitrophenol on the temperature effect of muscle contraction in experimental hyperthyroidism].

Identification of domains of poly(ADP-ribose) polymerase for protein binding and self-association.

Unaltered thyroid function in mice responding to a highly immunogenic thyrotropin receptor: implications for the establishment of a mouse model for Graves' disease.

The adverse effects of long-term cassava (*Manihot esculenta* Crantz) consumption.

[Medical and biological aspects of the dioxin problem].

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on tryptophan and glucose homeostasis in the most TCDD-susceptible and the most TCDD-resistant species, guinea pigs and hamsters.

Renal tumorigenicity of 1,1-dichloroethene in mice: the role of male-specific expression of cytochrome P450 2E1 in the renal bioactivation of 1,1-dichloroethene.

Survival after a severe iron poisoning treated with intermittent infusions of deferoxamine.

Induction of preneoplastic lesions by sodium arsenite in human fetal respiratory epithelia in organ culture.

Mechanisms of the formation and disposition of reactive metabolites that can cause acute liver injury.

Role of the lung in accumulation and metabolism of xenobiotic compounds--implications for chemically induced toxicity.

[The kinetics of rhodamine 123 efflux from cells with multiple drug resistance under the action of energy metabolism inhibitors].

The dioxin receptor and its nuclear translocator (Arnt) in the rat brain.

Plant regeneration of grapevine (*Vitis* sp.) protoplasts isolated from embryogenic tissue.

Regional brain effects of sodium azide treatment on cytochrome oxidase activity: a quantitative histochemical study.

A human health risk assessment of boron (boric acid and borax) in drinking water.

Human cytochromes P4501A1 and P4501A2: R-warfarin metabolism as a probe.

Receptor-mediated toxicity.

Interleukin-1 beta induces interstitial collagenase gene expression and protein secretion in renal mesangial cells.

Sequential activation of MAP kinase cascade by angiotensin II in opossum kidney cells.

Factors influencing the protein binding of YH-439 using an equilibrium dialysis technique. A new hepatoprotective agent.

Involvement of tyrosine kinases in the induction of cyclo-oxygenase-2 in human endothelial cells.

Lipopolysaccharide inhibits rat ovarian thecal-interstitial cell steroid secretion in vitro.

Cytochromes CYP1A1 and CYP1B1 in the rat mammary gland: cell-specific expression and regulation by polycyclic aromatic hydrocarbons and hormones.

An attempt to explain interindividual variability in 24-h urinary excretion of inorganic arsenic metabolites by C57 BL/6J mice.

Response of [Ah] battery genes to compounds that protect against menadione toxicity.

2,3,7,8-Tetrachlorodibenzo-p-dioxin blocks the physiological regulation of hepatic phosphoenolpyruvate carboxykinase activity in primary rat hepatocytes.

Dose-dependent suppression of toluene metabolism by isopropyl alcohol and methyl ethyl ketone after experimental exposure of rats.

Metabolism of phenols by *Ochromonas danica*.

Dog liver microsomal P450 enzyme-mediated toluene biotransformation.

Kinetics of plasma membrane and mitochondrial alterations in cells undergoing apoptosis.

Metabolism of 4-methylaminorex ("EU4EA") in the rat.

Perinatal exposure to polychlorinated biphenyls and dioxins through dietary intake.

Characterization of Na(+)-dependent phosphate uptake in cultured fetal rat cortical neurons.

11 beta-hydroxysteroid dehydrogenase is an exclusive 11 beta- reductase in primary cultures of rat hepatocytes: effect of physicochemical and hormonal manipulations.

Possible mechanisms for PhIP-DNA adduct formation in the mammary gland of female Sprague-Dawley rats.

Comparative assessment of metabolic enzyme levels in macrophage populations of the F344 rat.

Induction of hepatic CYP1A2 by the oral administration of caffeine to rats: lack of association with the Ah locus.

Diffusible cytotoxic metabolites contribute to the in vitro bystander effect associated with the cyclophosphamide/cytochrome P450 2B1 cancer gene therapy paradigm.

Factors influencing the protein binding of azosemide using an equilibrium dialysis technique.

Capacitative Ca²⁺ influx and a Ca²⁺-dependent nonselective cation pathway are discriminated by genistein in mouse pancreatic acinar cells.

Reproductive effects in birds exposed to pesticides and industrial chemicals.

[O-methyl-¹¹C]beta-CIT-FP, a potential radioligand for quantitation of the dopamine transporter: preparation, autoradiography, metabolite studies, and positron emission tomography examinations.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) to the human thymus after implantation in SCID mice.

In utero and lactational exposure of the male rat to 2,3,7,8-tetrachlorodibenzo-p-dioxin: impaired prostate growth and development without inhibited androgen production.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces diverse retinoic acid metabolites in multiple tissues of the Sprague-Dawley rat.

Lymphocyte adhesive interactions with lacrimal gland acinar epithelial cells in primary culture.

The thymus atrophy inducing organotin compound DBTC stimulates TcR alpha beta-CD3 signalling in immature rat thymocytes.

Electrophile and antioxidant regulation of enzymes that detoxify carcinogens.

Uptake of terbutylazine and its medium polar metabolites into maize plants.

[Energy metabolism of lymphocytes during bone tissue regeneration].

Rat tail artery norepinephrine release: age and effect of mitochondrial blockade.

Cytoskeletal regulation of Caco-2 intestinal monolayer paracellular permeability.

Requirement for heparan sulphate proteoglycans to mediate basic fibroblast growth factor (FGF-2)-induced stimulation of Leydig cell steroidogenesis.

Bivascular liver perfusion in the anterograde and retrograde modes: zonation of the response to inhibitors of oxidative phosphorylation.

Dopamine-induced programmed cell death in mouse thymocytes.

Peroxisomal membrane protein PMP68 of mouse liver: cloning of a cDNA encompassing the nucleotide binding fold and epitope mapping of monoclonal antibodies to the expressed protein.

Identification of volatile metabolites from five fungal species cultivated on two media.

Xenobiotic metabolism in humans during early pregnancy: peroxidase-mediated oxidation and bioactivation of 2-aminofluorene.

Enhanced effectiveness of dimethyl-4,4'-dimethoxy-5,6,5',6'-dimethylene dioxybiphenyl-2,2'-dicarboxylate in combination with garlic oil against experimental hepatic injury in rats and mice.

Second messenger role of magnesium in pancreatic acinar cells of the rat.

Reproductive effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in female rats: ovulation, hormonal regulation, and possible mechanism(s).

Effects of gestational and lactational exposure to coplanar polychlorinated biphenyl (PCB) congeners or 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on thyroid hormone concentrations in weanling rats.

Cyclophosphamide: review of its mutagenicity for an assessment of potential germ cell risks.

Effect of stereochemistry on the oxidative metabolism of the cyclophosphamide metabolite aldophosphamide.

Levels of pollutants and their metabolites: exposures to organic substances.

Mechanism of uptake of technetium-tetrofosmin. II: Uptake into isolated adult rat heart mitochondria.

Isomer-specific analysis of polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin equivalents (TEQs) in red fox and human adipose tissue from central Italy.

Cytochromes P450 in cynomolgus monkeys mutagenically activate 2-amino-3-methylimidazo[4,5-f]quinoline (IQ) but not 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline (MeIQx).

Glutathione S-transferase 8-8 is localized in smooth muscle cells of rat aorta and is induced in an experimental model of atherosclerosis.

Temperature regulation and metabolism in rats exposed perinatally to dioxin: permanent change in regulated body temperature?

Xenoestrogens alter mammary gland differentiation and cell proliferation in the rat.

Intestinal absorption of azetirelin, a new thyrotropin-releasing hormone (TRH) analogue. II. In situ and in vitro absorption characteristics of azetirelin from the rat intestine.

Interindividual variability in the urinary excretion of inorganic arsenic metabolites by C57 BL/6J mice: possible involvement of a thiol/disulfide exchange mechanism.

An ATP-sensitive potassium conductance in rabbit arterial endothelial cells.

Rat CYP1B1: an adrenal cytochrome P450 that exhibits sex-dependent expression in livers and kidneys of TCDD-treated animals.

Growth inhibition and cell killing by N-methyl-N-nitrosourea: metabolic alterations that accompany poly(ADP-ribosyl)ation.

Relative potencies of induction of hepatic drug-metabolizing enzyme genes by individual PCB congeners.

Metabolism of halohydroquinones in *Rhodococcus chlorophenicus* PCP-1.

Kinetic characterization of a carrier-mediated transport system for L-tryptophan in human blood platelets.

Phosphorylation and inactivation of rat heart glycogen synthase by cAMP-dependent and cAMP-independent protein kinases.

Activation of ATP-dependent K⁺ channels by metabolic poisoning in adult mouse skeletal muscle: role of intracellular Mg²⁺ and pH.

Alterations in thyroid function in female Sprague-Dawley rats following chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Inhibition of viral replication by nitric oxide and its reversal by ferrous sulfate and tricarboxylic acid cycle metabolites.

Growth hormone signaling leading to CYP2C12 gene expression in rat hepatocytes involves phospholipase A2.

Subchronic effects of 2,3,7,8-TCDD or PCBs on thyroid hormone metabolism: use in risk assessment.

Inhibition of DNA synthesis in primary cultures of adult rat hepatocytes by benzo[a]pyrene and related aromatic hydrocarbons: role of Ah receptor-dependent events.

Identification of a rat adrenal cytochrome P450 active in polycyclic hydrocarbon metabolism as rat CYP1B1. Demonstration of a unique tissue-specific pattern of hormonal and aryl hydrocarbon receptor-linked regulation.

A metabolite of carcinogenic 2-acetylaminofluorene, 2-nitrosofluorene, induces redox cycling in mitochondria.

Hypoxia-mediated induction of acidic/basic fibroblast growth factor and platelet-derived growth factor in mononuclear phagocytes stimulates growth of hypoxic endothelial cells.

Potency of mixtures of polychlorinated biphenyls as inducers of dioxin receptor-regulated CYP1A activity in rat hepatocytes and H4IIE cells.

Metabolic inhibition and chloride transport in isolated toad skin.

Distribution, metabolism and excretion of pentachloroanisole in the beagle dog and miniature pig.

Drug metabolizing enzymes of mussels as bioindicators of chemical pollution.

Analysis of interactions between the corneal epithelium and liposomes: qualitative and quantitative fluorescence studies of a corneal epithelial cell line.

Biochemical effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and related compounds on the central nervous system.

Chronic UVB- and all-trans retinoic-acid-induced qualitative and quantitative changes in hairless mouse skin.

Comparative metabolism and toxicity of dichlorobenzenes in Sprague-Dawley, Fischer-344 and human liver slices.

Reaction of glutathione with the electrophilic metabolites of 1,1-dichloroethylene.

Identification of two 17-kDa rat parotid gland phosphoproteins, subjects for dephosphorylation upon beta-adrenergic stimulation, as destrin- and cofilin-like proteins.

The blood-brain barrier: In vitro methods and toxicological applications.

Evidence of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced tissue damage in fetal and placental tissues and changes in amniotic fluid lipid metabolites of pregnant CF1 mice.

Proportionate mortality study of Vietnam-era veterans of Michigan.

Phenotypic analysis of spleen, thymus, and peripheral blood cells in aged C57B1/6 mice following long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Up-regulation of CYP2A5 expression by porphyrinogenic agents in mouse liver.

Effects of the herbicide chlorthiamid on the olfactory mucosa.

Close Correlation between Heat Shock Response and Cytotoxicity in *Neurospora crassa* Treated with Aliphatic Alcohols and Phenols.

Glutathione-s-transferase activity and metabolism of glutathione conjugates by rhizosphere bacteria.

Arginine Decarboxylase and Putrescine Oxidase in Ovaries of *Pisum sativum* L. (Changes during Ovary Senescence and Early Stages of Fruit Development).

Expression of xenobiotic-metabolizing enzymes in cultured rat tracheal epithelial cells.

Glibenclamide opens ATP-sensitive potassium channels in *Xenopus* oocyte follicular cells during metabolic stress.

Workshop on perinatal exposure to dioxin-like compounds. VI. Role of biomarkers.

Workshop on perinatal exposure to dioxin-like compounds. V. Immunologic effects.

Workshop on perinatal exposure to dioxin-like compounds. IV. Neurobehavioral effects.

Workshop on perinatal exposure to dioxin-like compounds. III. Endocrine effects.

Workshop on perinatal exposure to dioxin-like compounds. I. Summary.

[Morphologic characteristics of the thymus in pregnant and newborn mice exposed to sodium arsenite].

Mechanism for drug absorption from rat-liver surface membrane: effect of dose and transport inhibitors on the pharmacokinetics of phenol red.

Phosphopeptide mapping of cholecystokinin receptors on agonist-stimulated native pancreatic acinar cells.

Excitatory amino acid release from astrocytes during energy failure by reversal of sodium-dependent uptake.

cAMP-dependent protein kinase-mediated phosphorylation of cystic fibrosis transmembrane conductance regulator residue Ser-753 and its role in channel activation.

Differential toxicities of cyclophosphamide and its glutathione metabolites to A549 cells.

Dose-response relationships of tissue distribution and induction of CYP1A1 and CYP1A2 enzymatic activities following acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice.

Burn injury stimulates multiple proteolytic pathways in skeletal muscle, including the ubiquitin-energy-dependent pathway.

ESR evidence for the generation of reactive oxygen species from the copper-mediated oxidation of the benzene metabolite, hydroquinone: role in DNA damage.

Induction of P-450 in workers exposed to dioxin.

Effect of tea polyphenols on fecal flora and fecal metabolic products of pigs.

Interleukin-3 facilitates glucose transport in a myeloid cell line by regulating the affinity of the glucose transporter for glucose: involvement of protein phosphorylation in transporter activation.

The hepatocellular metabolism of 4-hydroxynonenal by alcohol dehydrogenase, aldehyde dehydrogenase, and glutathione S-transferase.

Substrate-specificity of mammalian tissue-bound semicarbazide-sensitive amine oxidase.

Stimulation of radial expansion in arabidopsis roots by inhibitors of actomyosin and vesicle secretion but not by various inhibitors of metabolism.

Modulation of cellular antioxidant defense activities by sodium arsenite in human fibroblasts.

Effects of benzo(a)pyrene and tetrachlorodibenzo(p)dioxin on fetal dolphin kidney cells: inhibition of proliferation and initiation of DNA damage.

Oxidative stress aspects of the cytotoxicity of carbamide peroxide: in vitro studies.

Allyl alcohol cytotoxicity in isolated rat hepatocytes: effects of azide, fasting, and fructose.

Fish oil enhances pentachlorobenzene metabolism and reduces its accumulation in rats.

Phenol and cresol metabolism in *Bacillus pumilus* isolated from contaminated groundwater.

Analysis of 4-hydroxycyclophosphamide in human blood.

Quinone methide formation from para isomers of methylphenol (cresol), ethylphenol, and isopropylphenol: relationship to toxicity.

Toxicology of methyl bromide.

Functional and metabolic evidence for two different vanilloid (VN1 and VN2) receptors in perfused rat hindlimb.

Identification of urinary metabolites of human subjects exposed to o-dichlorobenzene.

Cytoplasmic calcium level and membrane fluidity of platelets contacting poly(acrylamide-co-methacrylic acid) particles with different surface properties.

Mechanisms controlling nitric oxide synthesis in osteoblasts.

Metabolism of polychlorinated phenols by *Pseudomonas cepacia* AC1100: determination of the first two steps and specific inhibitory effect of methimazole.

Comparison of the toxicity of cinnamaldehyde when administered by microencapsulation in feed or by corn oil gavage.

Factors affecting mammary tumor incidence in chlorotriazine-treated female rats: hormonal properties, dosage, and animal strain.

Metabolism and genotoxicity of the halogenated alkyl compound tris(2,3-dibromopropyl)phosphate.

Comparative study of plant growth hormone (herbicide) toxicity in various biological subjects.

Inhibition of T3-receptor binding by Nitrofen.

Effect of sulfhydryl compounds and glutathione depletion on rat heart myocyte toxicity induced by 4-hydroperoxycyclophosphamide and acrolein in vitro.

Ifosfamide metabolite chloroacetaldehyde causes Fanconi syndrome in the perfused rat kidney.

Body size and the toxicokinetics of trifluralin in rainbow trout.

Effects of atrazine on reproductive performance in the rat.

Application of the kinetic of RNA synthesis on Hep 3B cells. Study of the medium-term cytotoxicity of atrazine.

Studies on trans-cinnamaldehyde. 1. The influence of dose size and sex on its disposition in the rat and mouse.

The Chlorella virus adenine methyltransferase gene promoter is a strong promoter in plants.

Chronic effects of atrazine on estrus and mammary tumor formation in female Sprague-Dawley and Fischer 344 rats.

Genotoxicity of 2-halosubstituted enals and 2-chloroacrylonitrile in the Ames test and the SOS-chromotest.

Role of active oxygen species in DNA damage by pentachlorophenol metabolites.

Effect of selenium deficiency and glutathione-modulating agents on diquat toxicity and lipid peroxidation in rats.

Effect of aldehyde dehydrogenase and alcohol dehydrogenase inhibitors and ethanol on blood and liver ketone bodies in the rat.

Induction of lung-specific DNA damage by metabolically methylated arsenics via the production of free radicals.

DNA damage induced in cultured human alveolar (L-132) cells by exposure to dimethylarsinic acid.

Superoxide dismutase (sod-1) null mutants of *Neurospora crassa*: oxidative stress sensitivity, spontaneous mutation rate and response to mutagens.

Studies on the mechanism of the carcinogenic activity of amitrole.

Identification and dynamics of paraquat in the bone marrow, thymus and spleen in rats using immunohistochemical techniques.

Diquat- and acetaminophen-induced alterations of biliary efflux of iron in rats.

Glufosinate ammonium--some aspects of its mode of action in mammals.

Bacterial degradation of the herbicide pendimethalin and activity evaluation of its metabolites.

Toxicity determination of plant growth hormones on aquatic alga--*Scenedesmus quadricauda*.

Potentiation of oxidant-induced toxicity in hamster lung slices by dimethylthiourea.

Acrolein genotoxicity in *Drosophila melanogaster*. III. Effects of metabolism modification.

Toxicological assessment of biotransformation products of pentachlorophenol: *Tetrahymena* population growth impairment.

Characterization of the capsaicin-sensitive component of cyclophosphamide-induced inflammation in the rat urinary bladder.

Canine exposure to herbicide-treated lawns and urinary excretion of 2,4-dichlorophenoxyacetic acid.

Effects of pentachlorophenol (PCP) on the pituitary and thyroidal hormone regulation in the rat.

Blocking of in vitro DNA replication by deoxycytidine adducts of the mutagen and clastogen 2-bromoacrolein.

Deaths from pesticide poisoning in England and Wales: 1945-1989.

Modulation of bile acids induced by paraquat in rabbits.

[Alteration of lipid peroxidation and the activity of peroxide metabolism enzymes in the liver, kidney and lung following the administration of paraquat in mice].

Metabolic alterations in hepatocytes promoted by the herbicides paraquat, dinoseb and 2,4-D.

[The enzymes of mono-oxygenase oxidation in the lymphocytes and liver of persons subjected to chlorophenoxy herbicide exposure].

Effect of Tordon 2,4-D 64/240 triethanolamine BR on the energy metabolism of rat liver mitochondria.

Direct detection of the intracellular formation of carboxyphosphamides using nuclear magnetic resonance spectroscopy.

[The role of biotransformation in assessing the toxicological risk from pesticides].

Environmental behavior of bentazon herbicide.

Paraquat poisoning. "State of the art".

Aldehyde dehydrogenase of mice inhibited by thiocarbamate herbicides.

Free radicals in the pathophysiology of pulmonary injury and disease.

Ethanol-induced reduction of the amount of stimulatory GTP-binding regulatory protein, Gs, in wild-type S49 murine lymphoma cells: effect of cycloheximide and puromycin.

Erythrocyte catalase inactivation (H₂O₂ production) by ascorbic acid and glucose in the presence of aminotriazole: role of transition metals and relevance to diabetes.

Possible antiestrogenic properties of chloro-s-triazines in rat uterus.

Short-term effects of chlorotriazines on estrus in female Sprague-Dawley and Fischer 344 rats.

Histochemical demonstration of hydrogen peroxide production by leukocytes in fixed-frozen tissue sections of inflammatory lesions.

A role for thyroid hormones in cold-induced elevation of blood pressure and cardiac hypertrophy.

The pentachlorophenol metabolite tetrachloro-p-hydroquinone induces the formation of 8-hydroxy-2-deoxyguanosine in liver DNA of male B6C3F1 mice.

Disposition and metabolism of radiolabelled pentachloroanisole in rats and rabbits.

Reduction of thyroxine uptake into cerebrospinal fluid and rat brain by hexachlorobenzene and pentachlorophenol.

Residues of glyphosate and its principle metabolite in certain cereals, oilseeds, and pulses grown in Canada, 1990-1992.

Metabolism of cycloate in radish leaf: metabolite identification by packed capillary flow fast atom bombardment tandem mass spectrometry.

Tamoxifen: evidence by ³²P-postlabeling and use of metabolic inhibitors for two distinct pathways leading to mouse hepatic DNA adduct formation and identification of 4-hydroxytamoxifen as a proximate metabolite.

Effect of in vivo desensitization to leukotriene B₄ on eosinophil infiltration in response to C₅a in guinea-pig skin.

Competitive inhibition of human liver microsomal cytochrome P450 3A-dependent steroid 6 beta-hydroxylation activity by cyclophosphamide and ifosfamide in vitro.

Ifosfamide induced depletion of glutathione in human peripheral blood lymphocytes and protection by mesna.

In vitro biotransformation of thiazopyr by rat liver microsomes: oxidative cleavage of a carboxylic methylester by monooxygenases.

Effect of the protoporphyrinogen oxidase-inhibiting herbicide fomesafen on liver uroporphyrin and heptacarboxylic porphyrin in two mouse strains.

The role of glucose in cellular defences against cytotoxicity of hydrogen peroxide in Chinese hamster ovary cells.

Reactive oxygen metabolite-induced toxicity to cultured bovine endothelial cells: status of cellular iron in mediating injury.

Metabolic chiral inversion of stiripentol in the rat. I. Mechanistic studies.

Role of iron and glutathione redox cycle in acetaminophen-induced cytotoxicity to cultured rat hepatocytes.

Evaluation of commercial immunoassays for the detection of alachlor in milk, eggs and liver.

Strong intensification of mouse hepatic tamoxifen DNA adduct formation by pretreatment with the sulfotransferase inhibitor and ubiquitous environmental pollutant pentachlorophenol.

Aldehyde reductase-catalyzed reduction of acrolein: implications in cyclophosphamide toxicity.

Metabolic fate of S,S,S-tributyl phosphorotrithioate (DEF) in the lactating goat.

Toxicity of ifosfamide, cyclophosphamide and their metabolites in renal tubular cells in culture.

The role of sulfation and/or acetylation in the metabolism of the cooked-food mutagen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in *Salmonella typhimurium* and isolated rat hepatocytes.

Genotoxicity of the alkenylbenzenes alpha- and beta-asarone, myristicin and elimicin as determined by the UDS assay in cultured rat hepatocytes.

Effects of aldehyde dehydrogenase and glutathione on the degradation of (E)-4-hydroxy-2-nonenal and N-hexanal in rat liver.

Detoxication of base propanals and other alpha, beta-unsaturated aldehyde products of radical reactions and lipid peroxidation by human glutathione transferases.

Metabolism of cyclophosphamide by lipoxygenases.

Biologically active metabolites from fungi. 3. Sporothriolide, discosiolide, and 4-epi-ethisolide--new furofuranones from *Sporothrix* sp., *Discosia* sp., and *Pezizula livida*.

Indolo[3,2-b]carbazole: a dietary-derived factor that exhibits both antiestrogenic and estrogenic activity.

Inhibition of degranulation of polymorphonuclear leukocytes by angiogenin and its tryptic fragment.

Sepsis stimulates nonlysosomal, energy-dependent proteolysis and increases ubiquitin mRNA levels in rat skeletal muscle.

The effect of 1,2,3,4-tetrachlorodibenzo-p-dioxin on drug-metabolizing enzymes in the rat liver.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on estrogen metabolism in MCF-7 breast cancer cells: evidence for induction of a novel 17 beta-estradiol 4-hydroxylase.

Patterns of tyrosine phosphorylation differ in vascular hypertrophy and hyperplasia.

Effects of polychlorinated biphenyls (PCBs) and dioxins on growth and development.

Inhibition of mammalian protoporphyrinogen oxidase by acifluorfen.

Characterization of a triple opioid system in the human neuroblastoma NMB cell line.

Effect of arsenic exposure on alveolar macrophage function. I. Effect of soluble as(III) and as(V).

Mammalian toxicology of organophosphorus pesticides.

Alveolar epithelial composition and architecture of the late fetal pulmonary acinus: an immunocytochemical and morphometric study in a rat model of pulmonary hypoplasia and congenital diaphragmatic hernia.

Effects of dietary supplementation with lactosucrose (4G-beta-D-galactosylsucrose) on cecal flora, cecal metabolites, and performance in broiler chickens.

Lymphodepletion of the thymus cortex in rats after single oral intubation of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Mechanisms for cell damage in acute pancreatitis using isolated acinar cells].

The mechanism of dioxin toxicity: relationship to risk assessment.

Regulation of [Ah] gene battery enzymes and glutathione levels by 5,10-dihydroindeno[1,2-b]indole in mouse hepatoma cell lines.

Dose response and time course of alterations in tryptophan metabolism by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the most TCDD-susceptible and the most TCDD-resistant rat strain: relationship with TCDD lethality.

Hypothesis for mammary tumorigenesis in Sprague-Dawley rats exposed to certain triazine herbicides.

Etiological aspects of congenital diaphragmatic hernia: results of a case comparison study.

Studies of the oxidation of ethanol to acetaldehyde by oxyhemoglobin using fluorogenic high-performance liquid chromatography.

Selective closure of the vascular bed of an experimental glioma model during in situ saline perfusion.

A protective effect of glutathione-dextran macromolecular conjugates on acetaminophen-induced hepatotoxicity dependent on molecular size.

Comparative in vitro effects of sodium arsenite and sodium arsenate on neuroblastoma cells.

Time course of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced thymic atrophy in the Wistar rat.

Effect of 1,2,4-trichlorodibenzo-p-dioxin on drug-metabolizing enzymes in the rat liver.

Effect of beraprost sodium on changes in action potentials during hypoxia as compared with propranolol, diltiazem and glibenclamide in guinea-pig ventricular muscle.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the hepatic 7-ethoxyresorufin O-deethylase activity in four rodent species.

Alteration of intracellular Ca²⁺ transients in COS-7 cells transfected with the cDNA encoding skeletal-muscle ryanodine receptor carrying a mutation associated with malignant hyperthermia.

Partial demasculinization and feminization of sex behavior in male rats by in utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin is not associated with alterations in estrogen receptor binding or volumes of sexually differentiated brain nuclei.

Effects of in utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on responsiveness of the male rat reproductive system to testosterone stimulation in adulthood.

Toxic potency of 3,3',4,4',5-pentachlorobiphenyl relative to and in combination with 2,3,7,8-tetrachlorodibenzo-p-dioxin in a subchronic feeding study in the rat.

Synthesis and tissue biodistribution of [ω -¹¹C]palmitic acid. A novel PET imaging agent for cardiac fatty acid metabolism.

Activation of protein kinase C down-regulates leukotriene C₄ synthase activity and attenuates cysteinyl leukotriene production in an eosinophilic substrain of HL-60 cells.

Morbidity follow up study of BASF employees exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) after a 1953 chemical reactor incident.

Characterization of type II and type XI collagen synthesis by an immortalized rat chondrocyte cell line (IRC) having a low level of type II collagen mRNA expression.

Chloracne. Some recent issues.

Increased in vitro tumour necrosis factor- α production in iron deficiency anemia.

Effect of scavengers of active oxygen species on cell damage caused in CHO-K1 cells by phenylhydroquinone, an o-phenylphenol metabolite.

Toxic potency of 2,3,3',4,4',5-hexachlorobiphenyl relative to and in combination with 2,3,7,8-tetrachlorodibenzo-p-dioxin in a subchronic feeding study in the rat.

Postischemic inhibition of cerebral cortex pyruvate dehydrogenase.

Treatment of deeply infiltrating endometriosis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced thymic atrophy and lymphocyte stem cell alterations by mechanisms independent of the estrogen receptor.

A method for the high-level expression of a parathyroid hormone analog in *Escherichia coli*.

Dexamethasone, beta-estradiol, and 2,3,7,8-tetrachlorodibenzo-p-dioxin elicit thymic atrophy through different cellular targets.

Coxsackievirus B3 infection alters the uptake of 2,3,7,8-tetrachlorodibenzo-p-dioxin into various tissues of the mouse.

In vivo and in vitro 4-amino-2,6-dichlorophenol nephrotoxicity and hepatotoxicity in the Fischer 344 rat.

An increased percentage of long amyloid beta protein secreted by familial amyloid beta protein precursor (beta APP717) mutants.

Antiestrogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on 17 beta-estradiol-induced pS2 expression.

2,3,7,8-TCDD and 2,3,7,8-TCDF in blue crabs and American lobsters from the Hudson-Raritan estuary and the New York Bight.

Reoxygenation-induced relaxation of coronary arteries. A novel endothelium-dependent mechanism.

Opening of large-conductance calcium-activated potassium channels by the substituted benzimidazolone NS004.

2,3,7,8-Tetrachlorodibenzo-p-dioxin versus 3-methylcholanthrene: comparative studies of Ah receptor binding, transformation, and induction of CYP1A1.

Characterization of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced brain serotonin metabolism in the rat.

Co-expression of human CYP1A1 and a human analog of cytochrome P450-EF in response to 2,3,7,8-tetrachloro-dibenzo-p-dioxin in the human mammary carcinoma-derived MCF-7 cells.

Functional consequences of iron supplementation in iron-deficient female cotton mill workers in Beijing, China.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-induced changes in glucose transporting activity in guinea pigs, mice, and rats in vivo and in vitro.

Induction of heat-shock protein synthesis and thermotolerance in EL-4 ascites tumor cells by transient ATP depletion after ischemic stress.

Evaluation of porphyria cutanea tarda in U.S. workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Clofazimine alters the energy metabolism and inhibits the growth rate of a human lung-cancer cell line in vitro and in vivo.

Inhibition of pro-cholecystokinin (CCK) sulfation by treatment with sodium chlorate alters its processing and decreases cellular content and secretion of CCK 8.

Testing the metabolic hypothesis of O₂ chemoreception in the cat carotid body in vitro.

Regulation of human dioxin receptor function by indolocarbazoles, receptor ligands of dietary origin.

Decreased clearance of uraemic and mildly carbamylated low-density lipoprotein.

TCDD-induced hypophagia is not explained by nausea.

alpha-Fucose-mediated binding and degradation of tissue-type plasminogen activator by HepG2 cells.

High passage T47D human breast cancer cells: altered endocrine and 2,3,7,8-tetrachlorodibenzo-p-dioxin responsiveness.

Modulating effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on skin carcinogenesis initiated by the weak inducer 7,12-dimethylbenz(a)anthracene.

Difference in energy metabolism between fresh and warm ischemic canine pancreases during preservation by the two-layer method.

The use of 5-hydroxytryptophol as an alcohol intake marker.

Transforming growth factor-beta 1 inhibits TCDD-induced cytochrome P450IA1 expression in human lung cancer A549 cells.

Polychlorinated biphenyls (PCBs): environmental impact, biochemical and toxic responses, and implications for risk assessment.

Age- and feeding-dependent production of carbonyl compounds in hypoxic heart. The role of carbonyls produced in connective tissue modification.

Porphyrin studies in TCDD-exposed workers.

Evidence for the role of the Ah receptor in response to dioxin.

Rat fibrosarcoma as a source of stable co-polymer of type I and type III collagens.

Thyroid hormones and regulation of cell reliability systems.

[A comparative study of the effectiveness of iron preparations in the treatment of iron deficiency anemias in pregnant women].

Alternate immune system targets for TCDD: lymphocyte stem cells and extrathymic T-cell development.

The intrathymic target cell for the thymotoxic action of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The hr locus and the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in newborn mice.

Relationship between acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and disturbance of intermediary metabolism in the Long-Evans rat.

Mechanisms of chemical injury of thyroid gland.

Tyrosine kinases regulate the cytoskeletal attachment of integrin alpha IIb beta 3 (platelet glycoprotein IIb/IIIa) and the cellular retraction of fibrin polymers.

Effects of vitamin C and PCB metabolites on the inhibition of aryl hydrocarbon hydroxylase and suppression of mutagenicity of benzo[a]pyrene.

NTP Toxicology and Carcinogenesis Studies of 4,4'-Thiobis(6- t -butyl- m -cresol) (CAS No. 96-69-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Altered impulse activity modifies synaptic physiology and mitochondria in crayfish phasic motor neurons.

Distribution of urinary hippuric acid concentrations by ALDH2 genotype.

Application of magnetic sector thermal ionization mass spectrometry to studies of erythrocyte iron incorporation in small children.

Effect of metabolic inhibitors on K⁺ transport across the lamprey (*Lampetra fluviatilis*) erythrocyte membrane.

Retroviral lineage studies of the rat olfactory epithelium.

Lipid peroxidation and chemiluminescence during naproxen metabolism in rat liver microsomes.

Endothelin-1 stimulates cytosolic phospholipase A2 activity and gene expression in rat glomerular mesangial cells.

Plant biochemistry of xenobiotics: isolation and characterization of a soybean O-glucosyltransferase of DDT metabolism.

Interactions of human blood plasma with hydrogen peroxide and hypochlorous acid.

Purification and characterization of a cytosolic thyroid-hormone-binding protein (CTBP) in *Xenopus* liver.

Induction in vitro of 72-kD heat shock protein in a continuous culture of rat thyroid cells, FRTL5.

Identification of hepatocytes as the major locus of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced CYP1-related P450s, TCDDA and TCDDAHH, in chick embryo liver.

Putative rat sperm lipid-binding protein: isolation and partial characterization.

Holoprotein formation of human chorionic gonadotropin: differential trace labeling with acetic anhydride.

Laboratory results for selected target organs in 138 individuals occupationally exposed to TCDD.

Characterisation of oxidative injury to an intestinal cell line (HT-29) by hydrogen peroxide.

Identification of a biochemical lesion, and characteristic response to lipopolysaccharide (LPS) of a cultured macrophage-like cell mutant with defective LPS-binding.

Identification of a meta-cleavage pathway for metabolism of phenoxyacetic acid and phenol in *Pseudomonas cepacia* AC1100.

Comparative mutagenicity of chemicals selected for test in the International Program on Chemical Safety's collaborative study on plant systems for the detection of environmental mutagens.

Cytoplasmic Acidification and Secondary Metabolite Production in Different Plant Cell Suspensions (A Comparative Study).

Synthesis of n.c.a. carbon-11 labelled clozapine and its major metabolite clozapine-N-oxide and comparison of their biodistribution in mice.

[Mutagenic activity of copper phenoxyacetate complexes].

Comparative metabolism and elimination of acetanilide compounds by rat.

Vapor phase exposure to acetaldehyde generated from ethanol inhibits bovine bronchial epithelial cell ciliary motility.

Model of bicarbonate secretion by resting frog stomach fundus mucosa. I. Transepithelial measurements.

Effects of induction and age-dependent enzyme expression on lung bioavailability, metabolism, and DNA binding of urban air particulate-absorbed benzo[a]pyrene, 2-nitrofluorene, and 3-amino-1,4-dimethyl-5H-pyridol-(4,3)-indole.

Erythrocyte antioxidant enzyme activity in CMF treated breast cancer patients.

Cloning of a cDNA encoding an ectoenzyme that degrades thyrotropin-releasing hormone.

Iron-induced fluorescence in the retina: dependence on vitamin A.

Intestinal uptake of uridine in suckling rats: mechanism and ontogeny.

Review of the safety assessment of polychlorinated biphenyls (PCBs) with particular reference to reproductive toxicity.

[The effect of metabolic inhibitors on resistance of mannose-specific contacts of Escherichia coli K12 and human neutrophils].

Evidence of two mechanisms of prostaglandin release in an in vitro model of muscle damage. Possible therapeutic implications.

Astrocytes implicated in the energizing of intermediate memory processes in neonate chicks.

Effect of AT-125 on the metabolism of propachlor and the glutathione conjugates of propachlor and bromobenzene in rat.

The low molecular weight protein which co-purifies with alpha-latrotoxin is structurally related to crustacean hyperglycemic hormones.

Effects of retinoic acid on the 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced differentiation of in vitro cultured human keratinocytes.

Mechanism of cholinergic stimulation of glucose oxidation in isolated gastric glands.

Crocidolite-induced reactive oxygen metabolites generation from human polymorphonuclear leukocytes.

Effect of glutathione depletion and inhibition of glucuronidation and sulfation on 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) metabolism, PhIP-DNA adduct formation and unscheduled DNA synthesis in primary rat hepatocytes.

Pathological findings in rabbits and sheep following the subacute administration of triphenyltin acetate.

Variations in concentrations of bacterial metabolites, enzyme activities, moisture, pH and bacterial composition between and within individuals in faeces of seven healthy adults.

Suspected paediatric pesticide poisoning in the UK. I--Home Accident Surveillance System 1982-1988.

Glutathione depletion induced in rat liver fractions by seven pesticides.

An inhibitory factor in rat thymus which interferes with binding of cytosol Ah receptor to xenobiotic responsive element.

[Energy-dependent Ca²⁺-transport in intracellular smooth muscle structures].

Dithio-bis-mercaptoethanesulphonate (DIMESNA) does not prevent cellular damage by metabolites of ifosfamide and cyclophosphamide in LLC-PK1 cells.

A volume-activated taurine channel in skate hepatocytes: membrane polarity and role of intracellular ATP.

Effects of calcium channel antagonists on the release of prostaglandin E₂ from metabolically stressed muscle.

Human growth hormone increases cytosolic free calcium in cultured human IM-9 lymphocytes: a novel mechanism of growth hormone transmembrane signalling.

The aromatic hydrocarbon receptor, dioxin action, and endocrine homeostasis.

Interactions between cellular respiration and thermoregulation in the paramecium.

Role of EDRFs in the control of arteriolar diameter during increased metabolism of striated muscle.

A pharmacodynamically responsive model of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) transfer between liver and fat at low and high doses.

Assessment of exposure to inorganic arsenic following ingestion of marine organisms by volunteers.

Glycolysis vs. respiration as ATP source for the shape of quiescent cardiomyocytes.

Blastocoel cavity formation by preimplantation rat embryos in the presence of cyanide and other inhibitors of oxidative phosphorylation.

Induction of tamoxifen-4-hydroxylation by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), beta-naphthoflavone (beta NF), and phenobarbital (PB) in avian liver: identification of P450 TCDDA as catalyst of 4-hydroxylation induced by TCDD and beta NF.

Interleukin-6 attenuates agonist-mediated calcium mobilization in murine osteoblastic cells.

Rapid desensitization of adrenaline- and neuropeptide Y-stimulated Ca²⁺ mobilization in HEL-cells.

Oxidative stress-induced apoptosis prevented by Trolox.

The influence of cryopreservation on parameters of energetic metabolism and motility of fowl spermatozoa.

Metabolic characteristics of alpha-toxin-permeabilized smooth muscle.

Acetaldehyde exposure causes growth inhibition in a Chinese hamster ovary cell line that expresses alcohol dehydrogenase.

Mouse cytochrome P-450EF, representative of a new 1B subfamily of cytochrome P-450s. Cloning, sequence determination, and tissue expression.

Inhibition of energy metabolism alters the processing of amyloid precursor protein and induces a potentially amyloidogenic derivative.

A Metabolic Control Analysis of the Glutamine Synthetase/Glutamate Synthase Cycle in Isolated Barley (*Hordeum vulgare* L.) Chloroplasts.

The Metabolites of the Herbicide L-Phosphinothricin (Glufosinate) (Identification, Stability, and Mobility in Transgenic, Herbicide-Resistant, and Untransformed Plants).

The anti-tumour activity of ifosfamide on heterotransplanted testicular cancer cell lines remains unaltered by the uroprotector mesna.

Mechanisms of impaired hepatic fatty acid metabolism in rats with long-term bile duct ligation.

Acid-sensitive mutants of *Salmonella typhimurium* identified through a dinitrophenol lethal screening strategy.

Measurement of hemoglobin and albumin adducts of tetrachlorobenzoquinone.

Comparative oxidation of 2-propyn-1-ol with other low molecular weight unsaturated and saturated primary alcohols by bovine liver catalase in vitro.

Hepatic uptake and metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,7,8-tetrachlorodibenzofuran.

Blockade of ovulation in the rat by the fungicide sodium N-methyldithiocarbamate: relationship between effects on the luteinizing hormone surge and alterations in hypothalamic catecholamines.

Structure-activity studies in *E. coli* strains on ochratoxin A (OTA) and its analogues implicate a genotoxic free radical and a cytotoxic thiol derivative as reactive metabolites.

Role of P-selectin and leukocyte activation in polymorphonuclear cell adhesion to surface adherent activated platelets under physiologic shear conditions (an injury vessel wall model).

Studies on the mechanism of intestinal passage of the food comutagen harman, in the rabbit.

Fungal metabolites. X. The effect of peptide antibiotics, trichosporin-Bs, on the respiratory activity of mitochondria.

Enzymatic reduction of xenobiotic alpha,beta-unsaturated ketones: formation of allyl alcohol metabolites from shogaol and dehydroparadol.

[Synthesis, function, and evolutionary origin of secondary metabolites produced by micro-organisms].

High oligomycin concentrations augment 6-keto-PGF1 alpha production in ventricular cardiomyocytes.

Astrocytic glycogenolysis energizes memory processes in neonate chicks.

The relationship between proteoglycan synthesis in Swarm chondrocytes and pathways of cellular energy and UDP-sugar metabolism.

Glucocorticoid receptors in ATP-depleted cells. Dephosphorylation, loss of hormone binding, HSP90 dissociation, and ATP-dependent cycling.

Cresol isomers: comparison of toxic potency in rat liver slices.

Consequences of 3-methylcholanthrene-type induction for the metabolism of 4-aminobiphenyl in isolated rat hepatocytes.

Effect of metabolic alterations on the accumulation of technetium-99m-labeled d,l-HMPAO in slices of rat cerebral cortex.

Constituents of euphorbiaceae 12. Comm. (1). Isolation and structure elucidation of four new cerebrosides from *Euphorbia biglandulosa* Desf.

Investigation of dirithromycin and erythromyclamine uptake by human neutrophils in vitro.

Polychlorinated biphenyls as hormonally active structural analogues.

Serum modulation of the effects of TCDD on the in vitro antibody response and on enzyme induction in primary hepatocytes.

Binding of native and [homoserine lactone-52]-52,53-seco-bovine basic pancreatic trypsin inhibitor (Kunitz inhibitor) to porcine pancreatic beta-kallikrein-B and bovine alpha-chymotrypsin: thermodynamic study.

Purification and characterization of bothrombin, a fibrinogen-clotting serine protease from the venom of *Bothrops jararaca*.

Purification and biochemical characterization of two major cytochrome P-450 isoforms induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in chick embryo liver.

Lipid peroxidation in the adrenal glands of male rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits differentiation of normal diploid rat osteoblasts in vitro.

In vitro and in vivo transport of zidovudine (AZT) across the blood-brain barrier and the effect of transport inhibitors.

Comparison of the urinary metabolite profiles of hexachlorobenzene and pentachlorobenzene in the rat.

Metabolism of 4-chlorophenol by *Azotobacter* sp. GP1: structure of the meta cleavage product of 4-chlorocatechol.

The thymus does not mediate 2,3,7,8-tetrachlorodibenzo-p-dioxin-elicited alterations in bone marrow lymphocyte stem cells.

Total serum testosterone and gonadotropins in workers exposed to dioxin.

Concentrations of urinary metabolites in workers exposed to monochlorobenzene and variation in the concentration during a workshift.

Toxicity of bile acids on the electron transport chain of isolated rat liver mitochondria.

Dithiothreitol reversal of allyl alcohol cytotoxicity in isolated rat hepatocytes.

Hepatic Phosphoglucomutase Activity as a Marker of Oxidative Stress Induced by Pro-oxidative Drugs.

Plant regeneration from cultured immature inflorescences of coconut (*Cocos nucifera* L.): evidence for somatic embryogenesis.

NTP Toxicology and Carcinogenesis Studies of o-Benzyl-p-Chlorophenol (CAS No. 120-32-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Inhibition of metabolism abolishes transient outward current in rabbit atrial myocytes.

Mechanism of riboflavine uptake by Caco-2 human intestinal epithelial cells.

Cyclophosphamide-induced lung toxicity: mechanism of endothelial cell injury.

Lipid peroxidation and oxidative stress during acute allylamine-induced cardiovascular toxicity.

A physiologically based mathematical model of dermal absorption in man.

Obesity decreases hepatic glutathione concentrations and markedly potentiates allyl alcohol-induced periportal necrosis in the overfed rat.

Dose-dependent disposition of sodium arsenate in mice following acute oral exposure.

Self-mobilization and organization of the genes encoding the toluene metabolic pathway of *Pseudomonas mendocina* KR1.

Aryl hydrocarbon or dioxin receptor: biologic and toxic responses.

Metabolism of dichloromethane (methylene chloride) to formaldehyde in human erythrocytes: influence of polymorphism of glutathione transferase theta (GST T1-1).

Properties of mammalian tissue-bound semicarbazide-sensitive amine oxidase: possible clues to its physiological function?

Dioxin-enhanced expression of interleukin-1 beta in human epidermal keratinocytes: potential role in the modulation of immune and inflammatory responses.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated gene expression in the immature rat thymus.

Metabolism of homocetogens.

Effect of a mixture of 15 commonly used pesticides on DNA levels of 8-hydroxy-2-deoxyguanosine and xenobiotic metabolizing enzymes in rat liver.

Lack of alachlor induced DNA damage as assayed in rodent liver by the alkaline elution test.

Isolation of cDNA of an auxin-regulated gene encoding a G protein beta subunit-like protein from tobacco BY-2 cells.

Effects of 2-[1-(ethoxyimino)propyl]-3-hydroxy-5-(2,4,6-trimethylphenyl) cyclohex-2-enone on hepatic haem biosynthesis: species differences in hepatic porphyria.

Human pentachlorophenol poisoning.

The interaction of 2,4-dichlorophenoxyacetic acid, ribosomes and polyamines in *Azospirillum brasilense*.

Aminoguanidine: a drug proposed for prophylaxis in diabetes inhibits catalase and generates hydrogen peroxide in vitro.

Neonatal exposure to paraquat or MPTP induces permanent changes in striatum dopamine and behavior in adult mice.

Groundwater pesticides: interactive effects of low concentrations of carbamates aldicarb and methomyl and the triazine metribuzin on thyroxine and somatotropin levels in white rats.

Distribution and elimination of the herbicide propanil in the channel catfish (*Ictalurus punctatus*).

Toxicokinetics and biotransformation of pentachlorophenol in the topsmelt (*Atherinops affinis*).

Induction of hepatic drug metabolizing enzymes and interaction with carbon tetrachloride in rats after a single oral exposure to atrazine.

Effects of 2,4-dichlorophenoxyacetic acid butyl ester on chick liver.

Differential induction of distinct glutathione-S-transferases of wheat by xenobiotics and by pathogen attack.

Interaction of structurally similar pesticides with organic anion transport by primary cultures of winter flounder renal proximal tubule.

Olfactory cytochrome P-450 immunoreactivity in mice is altered by dichlobenil but preserved by metyrapone.

Effect of in vitro exposure to acrolein on carbachol responses in rat trachealis muscle.

[The combination effects of quercetin with the herbicides atrazine, cyanazine and gesamprim in mutagenicity tests].

Effects of carbon tetrachloride, menadione, and paraquat on the urinary excretion of malondialdehyde, formaldehyde, acetaldehyde, and acetone in rats.

Immunohistochemical localization of paraquat in skin and eye of rat.

Pentachlorophenol carcinogenicity: extrapolation of risk from mice to humans.

Effects on thyroid hormone metabolism and depletion of lung vitamin A in rats by airborne particulate matter.

Haemotoxic effect of phenylurea herbicides in rats: role of haemoglobin-adduct formation in splenic toxicity.

Crosslink formation between DNA and nuclear proteins by in vivo and in vitro exposure of cells to dimethylarsinic acid.

Gene damage induced in human alveolar type II (L-132) cells by exposure to dimethylarsinic acid.

Toxicological assessment of biodegraded pentachlorophenol: Microtox and fish embryos.

Effect of diphenyl ether herbicides and oxadiazon on porphyrin biosynthesis in mouse liver, rat primary hepatocyte culture and HepG2 cells.

Atrazine in plasma and tissue following atrazine-aminotriazole-ethylene glycol-formaldehyde poisoning.

Kinetics of toxic doses of paraquat and the effects of hemoperfusion in the dog.

In vitro effects of N-nitrosoatrazine on chromosome breakage.

Application of microencapsulation for toxicology studies. III. Bioavailability of microencapsulated cinnamaldehyde.

High-dose chemotherapy-induced platelet defect: inhibition of platelet signal transduction pathways.

Metabolism of xenobiotics in the nasal olfactory mucosa: implications for local toxicity.

Reproductive risks from contaminants in drinking water.

Environmental fate and effects of dicamba: a Canadian perspective.

Morphological pattern of the hypothalamo-neurohypophyseal system in acute intoxication with 2,4-dichlorophenoxyacetic acid [2,4-D].

Production of transgenic mice expressing the Ki-ras oncogene under the control of a thyroglobulin promoter.

Hexachlorobenzene-induced hypothyroidism. Involvement of different mechanisms by parent compound and metabolite.

Zonal distribution of protein-acetaldehyde adducts in the liver of rats fed alcohol for long periods.

Paraquat-induced lung injury: prevention by vasoactive intestinal peptide and related peptide helodermin.

The analysis of ifosfamide and its metabolites (review).

Hyperbaric oxygen treatment for experimental cyclophosphamide-induced hemorrhagic cystitis.

The mechanisms by which mild respiratory chain inhibitors inhibit hepatic gluconeogenesis.

Investigation of a mechanism for Leydig cell tumorigenesis by linuron in rats.

Ethanol-induced inhibition of ventricular protein synthesis in vivo and the possible role of acetaldehyde.

Lung growth and maturation in the rat model of experimentally induced congenital diaphragmatic hernia.

Effect of indomethacin, aspirin, nordihydroguaiaretic acid, and piperonyl butoxide on cyclophosphamide-induced bladder damage.

Hydrogen peroxide production by monoamine oxidase during ischemia-reperfusion in the rat brain.

[The effect of bentazone, an herbicide produced in Czechoslovakia, on the invasiveness of intestinal nematodes in sheep].

Detection of paraquat-induced in vivo lipid peroxidation by gas chromatography/mass spectrometry and high-pressure liquid chromatography.

Effect of ifosfamide metabolites on sodium-dependent phosphate transport in a model of proximal tubular cells (LLC-PK1) in culture.

Microbial metabolism of fluazifop-butyl.

Toxicokinetics and metabolism of linuron in rabbit: in vivo and in vitro studies.

Metabolism of N-[4-chloro-2-fluoro-5-[(1-methyl-2-propynyl)oxy]phenyl]-3,4,5,6-tetrahydrophthalimide (S-23121) in the rat. II. Absorption, disposition, excretion and biotransformation.

A comparative study of effects of atrazine on xenobiotic metabolizing enzymes in fish and insect, and of the in vitro phase II atrazine metabolism in some fish, insects, mammals and one plant species.

Methoxyacetaldehyde, an intermediate metabolite of 2-methoxyethanol, is immunosuppressive in the rat.

Absorption and metabolism of 2-chloro-2,6-diethyl-N-(butoxymethyl)acetanilide (butachlor) in human skin in vitro.

Roles of different forms of cytochrome P450 in the activation of the promutagen 6-aminochrysene to genotoxic metabolites in human liver microsomes.

[N-demethylation and denitrosation activity of the rat liver, thymus lymphocytes and spleen after exposure to simazine and sodium nitrite].

Inhibition of rat hepatic mitochondrial aldehyde dehydrogenase isozymes by repeated cyanamide administration: pharmacokinetic-pharmacodynamic relationships.

Cyclophosphamide modulates rat hepatic cytochrome P450 2C11 and steroid 5 alpha-reductase activity and messenger RNA levels through the combined action of acrolein and phosphoramidate mustard.

Metabolism of the herbicide atrazine by *Rhodococcus* strains.

Metabolism of N-[4-chloro-2-fluoro-5-[(1-methyl-2-propynyl)oxy]phenyl]-3,4,5,6-tetrahydrophthalimide (S-23121) in the rat: I. Identification of a new, sulphonic acid type of conjugate.

Differential sensitivity of lipid metabolism in monocotyledons to grass-specific herbicides.

Tissue distribution and excretion of ¹⁴C-labelled cinnamic aldehyde following single and multiple oral administration in male Fischer 344 rats.

PGI₂ production and angiotensin converting enzyme activity in cultured porcine pulmonary artery endothelial cells treated with paraquat.

Ethanol metabolism in isolated hepatocytes. Effects of methylene blue, cyanamide and penicillamine on the redox state of the bound coenzyme and on the substrate exchange at alcohol dehydrogenase.

Human studies do not support the methylation threshold hypothesis for the toxicity of inorganic arsenic.

Metabolic activation of tris(2,3-dibromopropyl)phosphate to reactive intermediates. I. Covalent binding and reactive metabolite formation in vitro.

Degradation of dacthal and its metabolites in soil.

Electron spin resonance spin-trapping investigation into the effects of paraquat and desferrioxamine on hydroxyl radical generation during acute iron poisoning.

[In vitro studies of the metabolism of paraquat and diquat using rat liver homogenates--isolation and identification of the metabolites of paraquat and diquat].

Molecular mechanisms of dibromoalkane cytotoxicity in isolated rat hepatocytes.

In vitro percutaneous absorption and metabolism in man of 2-chloro-4-ethylamino-6-isopropylamine-s-triazine (atrazine).

Fate of fluzifop butyl in rat and human skin in vitro.

Determination of atrazine metabolites in human urine: development of a biomarker of exposure.

Metabolism of 2-chloro-4-methylphenoxyacetate by *Alcaligenes eutrophus* JMP 134.

Evidence for peroxidase-mediated metabolism of cyclophosphamide.

Evidence for predominantly paracellular transport of thyrotropin-releasing hormone across CACO-2 cell monolayers.

Characterization of amyloid fibril beta-peptide in familial Alzheimer's disease with APP717 mutations.

Kinetics and cellular localisation of putrescine uptake in human lung tissue.

The effect of 2,4-dinitrophenol on the metabolic rate of bobwhite quail.

Cancer in a young population in a dioxin-contaminated area.

In vitro phototoxicity of clofibrate. Photochemical and photohemolytic studies on its metabolite clofibric acid.

Effects of pre- and postnatal exposure to chlorinated dioxins and furans on human neonatal thyroid hormone concentrations.

2,4,6-Trichlorophenol (TCP) induces chromosome breakage and aneuploidy in vitro.

Medical hypothesis: xenoestrogens as preventable causes of breast cancer.

[Iron deficiency anemia is not always simple].

Chicken ovalbumin upstream promoter transcription factor (COUP-TF) binds to a peroxisome proliferator-responsive element and antagonizes peroxisome proliferator-mediated signaling.

Resistance to aflatoxin B1 is associated with the expression of a novel aldo-keto reductase which has catalytic activity towards a cytotoxic aldehyde-containing metabolite of the toxin.

Gastric vagus mediates immobilization-induced hypocalcemia in rats.

Inhibition of ret tyrosine kinase activity by herbimycin A.

Angiosarcoma, porphyria cutanea tarda, and probable chloracne in a worker exposed to waste oil contaminated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Thyroxine binding in a TTR Met 119 kindred.

Carcinoembryonic antigen mediates in vitro cell aggregation induced by interferon-gamma in a human colon cancer cell line: requirement for active metabolism and intact cytoskeleton.

Exposure to 2,3,7,8-tetrachlorodibenzo-para-dioxin leads to defective dentin formation and pulpal perforation in rat incisor tooth.

Inactivation of alpha 1-antitrypsin by aqueous coal solutions: possible relation to the emphysema of coal workers.

Transport of (2-chloroethyl)-3-sarcosinamide-1-nitrosourea in the human glioma cell line SK-MG-1 is mediated by an epinephrine-sensitive carrier system.

Correlation of in vitro and in vivo growth suppression of MCF-7 human breast cancer by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Metabolites of sodium selenite and methylated selenium compounds administered at cancer chemoprevention levels in the rat.

Role of the Ah receptor and the dioxin-inducible [Ah] gene battery in toxicity, cancer, and signal transduction.

Herbimycin A, a pp60c-src tyrosine kinase inhibitor, inhibits osteoclastic bone resorption in vitro and hypercalcemia in vivo.

NAD(P)H:quinone oxidoreductase1 (DT-diaphorase) expression in normal and tumor tissues.

Effects of substrate and inhibition of oxidative metabolism on contraction and myosin phosphorylation in ASM.

Renal and hepatic toxicity of monochloroacetanilides in the Fischer 344 rat.

Growth factors prevent mitochondrial dysfunction, loss of calcium homeostasis, and cell injury, but not ATP depletion in hippocampal neurons deprived of glucose.

Toxicological evaluation of mixtures of ten widely used pesticides.

Comparative potencies of Aroclors 1232, 1242, 1248, 1254, and 1260 in male Wistar rats--assessment of the toxic equivalency factor (TEF) approach for polychlorinated biphenyls (PCBs).

Aortic collagen alterations in human diabetes mellitus. Changes in basement membrane collagen content and in the susceptibility of total collagen to cyanogen bromide solubilisation.

Receptor mechanisms and dose-response models for the effects of dioxins.

Combined oestrogen-progestin treatment of vaginal haemorrhage following gonadotrophin-releasing hormone agonist therapy of uterine myomas.

Angiotensin converting enzyme inhibitor, captopril, inhibits cardiac hypertrophy without changing collagen types and concentration in spontaneously hypertensive rats.

The role of oxidative metabolism in hexachlorobenzene-induced porphyria and thyroid hormone homeostasis: a comparison with pentachlorobenzene in a 13-week feeding study.

Effect of a single lethal dose of TCDD on the levels of monoamines, their metabolites and tryptophan in discrete brain nuclei and peripheral tissues of Long-Evans rats.

Desensitization of beta-1 and beta-2, but not beta-3, adrenoceptor-mediated lipolytic responses of adipocytes after long-term norepinephrine infusion.

Enhanced phosphorylation of a 65 kDa protein is associated with rapid induction of stress proteins in 9L rat brain tumor cells.

Interaction of 2,3,7,8-tetrachlorodibenzo-p-dioxin, 12-O-tetradecanoylphorbol-13-acetate (TPA) and 17 beta-estradiol in MCF-7 human breast cancer cells.

Important aspects of the evidence for TCDD carcinogenicity in man.

Effects of restricted feeding on the absorption, metabolism, and accumulation of pentachlorobenzene in rats.

Mechanisms of adaptation of glucose transporters to changes in the oxidative chain of muscle and fat cells.

Effects of cycloheximide on the induction of CYP1A1 gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in three human breast cancer cell lines.

Effect of thyrotropin-releasing hormone on pentobarbitone-induced sleep in rats: continuous treatment with a sustained release injectable formulation.

Metabolism of iron from (3,5,5-trimethylhexanoyl)ferrocene in rats. A dietary model for severe iron overload.

Effect of external cation concentration and metabolic inhibitors on membrane potential of human glial cells.

Activation of tumoricidal properties in macrophages by lipopolysaccharide requires protein-tyrosine kinase activity.

In vitro cytotoxic and cell transforming activities exerted by the pesticides cyanazine, dithianon, diflubenzuron, procymidone, and vinclozolin on BALB/c 3T3 cells.

Effect of caloric restriction on the induction of hepatic cytochrome P-450 and Ah receptor binding in C57BL/6N and DBA/2J mice.

³¹P and ¹³C NMR spectroscopic study of wild type and multidrug resistant Ehrlich ascites tumor cells.

Mechanisms of carcinogenicity of methyl halides.

Prenatal risks deriving from environmental chemicals.

[Cytochromes P450: toxicologic importance of determination of levels].

Isolation and Characterization of a Novel Atrazine Metabolite Produced by the Fungus *Pleurotus pulmonarius*, 2-Chloro-4-Ethylamino-6-(1-Hydroxyisopropyl)Amino-1,3,5-Triazine.

Metabolic inhibition enhances Ca²⁺-activated K⁺ current in smooth muscle cells of rabbit portal vein.

Glucocorticoid receptor conversion to high affinity nuclear binding and transcription enhancement activity in Chinese hamster ovary cells subjected to heat and chemical stress.

Liver accumulation of 2,3,7,8-tetrachloro-[3H]dibenzofuran in mice: modulation by treatments with polychlorinated biphenyls.

2,3,7,8-tetrachlorodibenzo-p-dioxin increases cardiac myocyte intracellular calcium and progressively impairs ventricular contractile responses to isoproterenol and to calcium in chick embryo hearts.

Transport mechanism of 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitors at the blood-brain barrier.

The penetration of 2,3,7,8-tetrachlorodibenzo-p-dioxin into viable and non-viable porcine skin in vitro.

Glucuronidation of thyroid hormone in rat liver: effects of in vivo treatment with microsomal enzyme inducers and in vitro assay conditions.

Relationship of oxypurine release to contractile failure in dinitrophenol-treated rat skeletal muscle.

TCDD alters pituitary-adrenal function. II: Evidence for decreased bioactivity of ACTH.

TCDD alters pituitary-adrenal function. I: Adrenal responsiveness to exogenous ACTH.

Tissue distribution and toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats after intravenous injection.

Effect of dose, time, and pretreatment on the biliary excretion and tissue distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on protein kinase C and inositol phosphate metabolism in primary cultures of rat hepatocytes.

Cytochrome P4501A1 mediates the metabolism of 2,3,7,8-tetrachlorodibenzofuran in the rat and human.

Angiotensin II-mediated facilitation of sympathetic neurotransmission in the spontaneously hypertensive rat is not associated with neuronal uptake of the peptide.

Human xenobiotic metabolizing esterases in liver and blood.

Biochemical Basis of Resistance of Tobacco Callus Tissue Cultures to Hydroxyphenylethylamines.

Luminol-enhanced chemiluminescence induced in peripheral blood-derived human phagocytes: obligatory requirement of myeloperoxidase exocytosis by monocytes.

Scientific principles for evaluating the potential for adverse effects from chlorinated organic chemicals in the environment.

Ifosfamide. Patient care management.

In vitro cytotoxicity of mono-, di-, and trichloroacetate and its modulation by hepatic peroxisome proliferation.

Importance of venular flow in control of arteriolar diameter in hamster cremaster muscle.

Mouse endometrium stromal cells express a polycyclic aromatic hydrocarbon-inducible cytochrome P450 that closely resembles the novel P450 in mouse embryo fibroblasts (P450EF).

Multiple end point procedure to evaluate risk from pesticides.

Genetic toxicity of a mixture of fifteen pesticides commonly found in the Italian diet.

Restricted transport of cyclosporin A across the blood-brain barrier by a multidrug transporter, P-glycoprotein.

Modulation of sialic acid-binding proteins of rat uterus in response to changing hormonal milieu.

Methoxyresorufin and benzyloxyresorufin: substrates preferentially metabolized by cytochromes P4501A2 and 2B, respectively, in the rat and mouse.

Ascorbic acid accumulation and transport in human fibroblasts.

Identification of a putative tyrosine-O-sulphate (TyrS) receptor possibly functioning in the biosynthetic transport of tyrosine-sulphated proteins in Madin-Darby canine kidney cells.

Regulation of cytochrome P450 expression in a novel liver cell line from zebrafish (*Brachydanio rerio*).

Influence of medium components and metabolic inhibitors on citric acid production by *Penicillium simplicissimum*.

Metabolism of the plant toxins nitropropionic acid and nitropropanol by ruminal microorganisms.

Role of P-glycoprotein in renal tubular secretion of digoxin in the isolated perfused rat kidney.

Effects of oral administration of brassica secondary metabolites, allyl cyanide, allyl isothiocyanate and dimethyl disulphide, on the voluntary food intake and metabolism of sheep.

The complete amino acid sequence of a thrombin-like enzyme/gyroxin analogue from venom of the bushmaster snake (*Lachesis muta muta*).

[The effect of pro-oxidants on insulin secretion by the isolated rat pancreas].

Relatively immediate relaxant effects of cholera toxin on isolated rabbit blood vessels.

Maintenance of xenobiotic metabolism and toxicity in rat hepatocyte cultures after cell preservation at 4 degrees.

Modulatory effect of hyperthermia on hepatic microsomal cytochrome P450 in mice.

Ultrastructural localization and afferent sources of corticotropin-releasing factor in the rat rostral ventrolateral medulla: implications for central cardiovascular regulation.

Free radical induction in the brain and liver by products of toluene catabolism.

Determination of plasma levels of citalopram and its demethylated and deaminated metabolites by gas chromatography and gas chromatography-mass spectrometry.

Use of Fluorinated Compounds To Detect Aromatic Metabolites from m-Cresol in a Methanogenic Consortium: Evidence for a Demethylation Reaction.

The mutagenicity and interactions of 2- and 4-(acetylamino)fluorene with cytochrome P450 and the aromatic hydrocarbon receptor may explain the difference in their carcinogenic potency.

Gap junctions in ovarian follicles of *Drosophila melanogaster*: inhibition and promotion of dye-coupling between oocyte and follicle cells.

A physiologically based pharmacokinetic model for 2,3,7,8-tetrabromodibenzo-p-dioxin (TBDD) in the rat: tissue distribution and CYP1A induction.

Sulphonylurea drugs no longer inhibit ATP-sensitive K⁺ channels during metabolic stress in cardiac muscle.

Purification of a high molecular weight follicle-stimulating hormone receptor-binding inhibitor from human follicular fluid.

Effects of metabolic inhibition on cytoplasmic calcium and contraction in smooth muscle of rat portal vein.

Light microscopic catalase histochemistry in mussel digestive gland tissue.

Acrylamide as an inducer of metabolic activation system (S9) in rats.

Assignment of intrachain disulfide bonds in platelet-derived growth factor B-chain.

Relation between glucose-stimulated insulin secretion and intracellular calcium accumulation studied with a superfusion system of a glucose-responsive pancreatic beta-cell line MIN6.

2,3,7,8-Tetrachlorodibenzo-P-dioxin induced alterations in protein phosphorylation in guinea pig adipose tissue.

Human non-secretory ribonucleases. I. Purification, peptide mapping and lectin blotting analysis of the kidney, liver and spleen enzymes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) alters pancreatic membrane tyrosine phosphorylation following acute treatment.

Effects of transgalactosylated disaccharides on the human intestinal microflora and their metabolism.

Characterization of glycoprotein II from bovine adrenal medullary chromaffin granules. Identification of components representing the secretory vesicle counterparts of the lysosomal-associated membrane glycoproteins (lamp-1 and lamp-2).

Effects of cytochalasin B on calcium transport by 1,25(OH)₂D₃- or PTH-treated chick embryonic yolk sac in vitro and in vivo.

Detection and characterization of a novel hepatic 8 S binding protein for benzo[a]pyrene distinct from the Ah receptor.

Spontaneous somatic embryogenesis and plant regeneration from root cultures of *Peucedanum palustre*.

A mechanistic model of effects of dioxin on gene expression in the rat liver.

Acceleration of the N alpha-deprotection rate by the addition of m-cresol to diluted methanesulfonic acid and its application to the Z(OMe)-based solid-phase syntheses of human pancreastatin-29 and magainin 1.

Studies on the metabolism of a monoterpene ketone, R-(+)-pulegone--a hepatotoxin in rat: isolation and characterization of new metabolites.

Evidence for involvement of the growth hormone receptor-associated tyrosine kinase in actions of growth hormone.

Interaction of the cyclophosphamide metabolite, acrolein, with lactate dehydrogenase-m homolog.

Metabolism of p-Cresol by the Fungus *Aspergillus fumigatus*.

NTP Toxicology and Carcinogenesis Studies of Pentachloroanisole (CAS No. 1825-21-4) in F344 Rats and B6C3F1 Mice (Feed Studies).

Characterization of L-thyroxine transport into hepatocytes isolated from juvenile rainbow trout (*Oncorhynchus mykiss*).

Maturation changes in dermal absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in Fischer 344 rats.

Enzymes of anaerobic metabolism of phenolic compounds. 4-Hydroxybenzoyl-CoA reductase (dehydroxylating) from a denitrifying *Pseudomonas* species.

Enzymes of anaerobic metabolism of phenolic compounds. 4-Hydroxybenzoate-CoA ligase from a denitrifying *Pseudomonas* species.

Uncoupling of rat liver mitochondrial oxidative phosphorylation by the fasciolicide triclabendazole and its sulfoxide and sulfone metabolites.

Modulation of the heat shock response by one-carbon metabolism in *Escherichia coli*.

Toxicology, structure-function relationship, and human and environmental health impacts of polychlorinated biphenyls: progress and problems.

Reduction of hepatic phosphoenolpyruvate carboxykinase (PEPCK) activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) is due to decreased mRNA levels.

Determination of p-chloronitrobenzene and its metabolites in urine by reversed-phase high-performance liquid chromatography.

Stereoselective determination of the active metabolites of a new anti-inflammatory agent (CS-670) in human and rat plasma using antibody-mediated extraction and high-performance liquid chromatography.

Demonstration of a novel type of ATP-diphosphohydrolase (EC 3.6.1.5) in the bovine lung.

Propachlor-S-cysteine: a major circulating metabolite in the calf, pig and rat after administration of propachlor.

In vitro metabolism of cyanohydroxybutene: formation of a glutathione-S-transferase catalyzed product.

Movement of fluorescein and its glucuronide across retinal pigment epithelium-choroid.

Uptake of glycyrrhizin by isolated rat hepatocytes.

A selection of biological indicators in occupational exposure to toluene and xylene.

Differential effects of metabolic inhibitors on cellular and mitochondrial uptake of organic cations in rat liver.

Purification and characterization of glutathione S-transferase of murine ovary and testis.

Enhanced glutathione S-transferase 7-7 expression in rat hepatic cytosol following treatment with pyrrole.

A top-down control analysis in isolated rat liver mitochondria: can the 3-hydroxy-3-methylglutaryl-CoA pathway be rate-controlling for ketogenesis?

Characterization of two major isoforms of juvenile hormone esterase from *Trichoplusia ni* (Lepidoptera).

Measurements of year-long exposure to tree nursery workers using multiple pesticides.

Hepatic metabolism of toluene after gastrointestinal uptake in humans.

Semicarbazide protection from in vivo oxidant injury of vascular tissue by allylamine.

Dystrophin in a membrane skeletal network: localization and comparison to other proteins.

Nature and role of xenobiotic metabolizing esterases in rat liver, lung, skin and blood.

In vitro toxicity screening using cultured rat skeletal muscle cells. I. Surfactants and mitochondrial poisons.

Embryonic abnormalities and organochlorine contamination in double-crested cormorants (*Phalacrocorax auritus*) and Caspian terns (*Hydroprogne caspia*) from the upper Great Lakes in 1988.

Investigations into the effects of various hepatotoxic compounds on urinary and liver taurine levels in rats.

The metabolism of 2,3,7,8-tetrabromodibenzodioxin in the rat.

Volatile metabolites in occupational exposure to organic sulfur compounds.

Mechanism of cytoplasmic calcium changes in platelets in contact with polystyrene and poly(acrylamide-co-methacrylic acid) surfaces.

Transient induction of cytochrome P450 1A1 mRNA by culture medium component in primary cultures of adult rat hepatocytes.

Effect of metabolic inhibitors and anaerobiosis on rat lens.

A temperature dependent action of fluoride on aqueous outflow facility of the calf eye.

Effects of acute sodium arsenite administration on the pulmonary chemical metabolizing enzymes, cytochrome P-450 monooxygenase, NAD(P)H:quinone acceptor oxidoreductase and glutathione S-transferase in guinea pig: comparison with effects in liver and kidney.

Linolenic acid transport in hamster intestinal cells is carrier-mediated.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on plasma and tissue beta-endorphin-like immunoreactivity in the most TCDD-susceptible and the most TCDD-resistant rat strain.

Biological monitoring of occupational pesticides exposure.

Reabsorption of lung liquid produced by 2,4-dinitrophenol in in vitro lungs from fetal guinea pigs.

Collision-induced dissociation of carboxylate anions from derivatized 5-lipoxygenase metabolites of arachidonic acid.

Deglycosylation and fragmentation of purified rat liver angiotensin II receptor: application to the mapping of hormone-binding domains.

Ultrastructure of the cortical epithelium of the rat thymus after in vivo exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

DNA cleavage by metabolites of butylated hydroxytoluene.

Comparative pharmacokinetics of ifosfamide, 4-hydroxyifosfamide, chloroacetaldehyde, and 2- and 3-dechloroethylifosfamide in patients on fractionated intravenous ifosfamide therapy.

Growth stimulation of primary rat hepatocytes by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Biotransformation of the antiviral agent 1,3,4-thiadiazol-2-ylcyanamide (LY217896) and characteristics of a mesoionic ribose metabolite.

[Role of H⁺ ATPases in plasma membranes of airway smooth muscle].

Biodegradation kinetics of a mixture containing a primary substrate (phenol) and an inhibitory co-metabolite (4-chlorophenol).

Nephrotoxicity of the 1:1 acrolein-glutathione adduct in the rat.

Marked interanimal differences in susceptibility of Sprague-Dawley rats to diquat-induced oxidative stress in the liver: correlation with hepatic uptake of diquat.

Changes in lipid peroxidation levels and lipid composition in the lungs, livers, kidneys and brains of mice treated with paraquat.

Nitrofen-induced diaphragmatic hernias in rats: pulmonary antioxidant enzyme activities.

Tissue-binding and toxicity of compounds structurally related to the herbicide dichlobenil in the mouse olfactory mucosa.

Chronic liver injury in phenoxy herbicide-exposed Vietnam veterans.

Selected pesticide residues and metabolites in urine from a survey of the U.S. general population.

The kidney in the fetal rat model of congenital diaphragmatic hernia induced by nitrofen.

Effect of ambient oxygen concentration upon the acute toxicity of chlorophenols and heavy metals to the groundwater copepod *Parastenocaris germanica* (Crustacea).

Toxicity assessment of atrazine, alachlor, and carbofuran and their respective environmental metabolites using Microtox.

Reproductive study of acrolein on two generations of rats.

DNA binding and mutagenicity of lindane and its metabolites.

NTP technical report on the toxicity studies of Glyphosate (CAS No. 1071-83-6) Administered In Dosed Feed To F344/N Rats And B6C3F1 Mice.

Acrolein initiates rat urinary bladder carcinogenesis.

Prevention of acrolein-induced bladder injury by pentosanpolysulfate.

Age-associated enhancement of diquat-induced lipid peroxidation and cytotoxicity in isolated rat hepatocytes.

Excretion of formaldehyde, malondialdehyde, acetaldehyde and acetone in the urine of rats in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin, paraquat, endrin and carbon tetrachloride.

Comparison of the immunotoxicity of propanil and its metabolite, 3,4-dichloroaniline, in C57Bl/6 mice.

Preferential increase of heterochromatin in venular endothelium of lung in mice after administration of dimethylarsinic acid, a major metabolite of inorganic arsenics.

2,4,5-trichlorophenoxyacetic acid influence on 2,6-dinitrotoluene-induced urine genotoxicity in Fischer 344 rats: effect on gastrointestinal microflora and enzyme activity.

Mechanisms of aldehyde-induced bronchial reactivity: role of airway epithelium.

Formation of thymidine adducts and cross-linking potential of 2-bromoacrolein, a reactive metabolite of tris(2,3-dibromopropyl)phosphate.

Distribution of paraquat into the brain after its systemic injection in rats.

DNA damage induced by alachlor after in vitro activation by rat hepatocytes.

Fatal paraquat poisoning: a light microscopic study in eight autopsy cases.

Assessment of pentachlorophenol exposure in humans using the clearance concept.

Stress resistance of *Drosophila* transgenic for bovine CuZn superoxide dismutase.

[Rainbow trout and zebrafish, two models for continuous toxicity tests: relative sensitivity, species and organ specificity in cytopathologic reaction of liver and intestines to atrazine].

[The action of defoliant on the energetics of rat liver mitochondria in vitro].

Regression mechanism of cyanamide-induced inclusion bodies in the rat: a useful experimental pattern to study the beta-glycogen metabolization of hepatocytes.

Efficacy of whole bowel irrigation using solutions with or without adsorbent in the removal of paraquat in dogs.

Platelet prevention of oxidant lung oedema is not mediated through scavenging of hydrogen peroxide.

Skin sensitization to cinnamic alcohol: the role of skin metabolism.

The effects of goitrogenesis, involution, and goitrogenic rechallenge on the clonogenic cell content of the rat thyroid.

Short-term hypothyroidism and vasopressin gene expression in the rat.

Induction of micronuclei in V79 Chinese hamster cells by tetrachlorohydroquinone, a metabolite of pentachlorophenol.

Pharmacologically active phenylpropanoids from *Senecio jacobina*.

The plateau phase rat goiter contains a sub-population of TSH-responsive follicular cells capable of proliferation following transplantation.

Endothelial dysfunction of resistance arteries of spontaneously hypertensive rats.

Induction of hepatic metallothionein by paraquat.

Metabolic response to treatment with cold, paraquat, or 3-amino-1,2,4-triazole in leaves of winter wheat.

The formation of stable acetaldehyde-hemoglobin adducts in a red blood cell model.

Quantitation of cinnamaldehyde and cinnamic acid in blood by HPLC.

Inhibition of sodium-dependent transport systems in LLC-PK1 cells by metabolites of ifosfamide.

Esterase activities during chick embryonic development and its relationship with the metabolism of 2,4-dichlorophenoxyacetic acid butyl ester.

Activation of 6-aminochrysene to genotoxic products by different forms of rat liver cytochrome P450 in an O-acetyltransferase-overexpressing *Salmonella typhimurium* strain (NM2009).

Utility of liquid chromatography/fast atom bombardment mass spectrometry and liquid chromatography/thermospray mass spectrometry for structure identification of metabolites of a fluorinated herbicide.

Inhibition of acetaminophen hepatotoxicity by acetaldehyde in the rat.

Evaluation of amitrole mutagenicity in *Salmonella typhimurium* using prostaglandin synthase activation.

Effect of glyphosate on plant cell metabolism. ³¹P and ¹³C NMR studies.

Ethanol metabolism in rat brain homogenates by a catalase-H₂O₂ system.

Hepatic triiodothyronine sulfation and its regulation by growth hormone and triiodothyronine in rats.

Degradation of pentachlorophenol by *Mycena avenacea* TA 8480--identification of initial dechlorinated metabolites.

Metabolism of alachlor by rat and monkey liver and nasal turbinate tissue.

Pharmacokinetics of fluzifop-butyl in human volunteers. II: Dermal dosing.

The S-thiolation of hepatocellular protein thiols during diquat metabolism.

Inhibition of sulfotransferase in primary cultures of human hepatocytes affecting metabolism and binding of 2-acetylaminofluorene.

Responses of vascular endothelial oxidant metabolism to lipopolysaccharide and tumor necrosis factor- α .

Metabolic profile of atrazine and N-nitrosoatrazine in rat urine.

Cyclophosphamide and its metabolite acrolein. Some studies on their porphyrinogenic action in 17 day old chick embryo.

Comparative metabolism of the cysteine and homocysteine conjugates of propachlor by in situ perfused kidneys of rats.

Quantitative bioassay using laser-monitored bacteria to assess toxicology and metabolism of bioactive Group IV compounds.

Phenobarbital and sulfonyleurea-inducible operons encoding herbicide metabolizing cytochromes P-450 in *Streptomyces griseolus*.

Paraquat-induced lung injury: prevention by N-tert-butyl-alpha-phenylnitronone, a free-radical spin-trapping agent.

Insight into the nature and site of oxygen-centered free radical generation by endothelial cell monolayers using a novel spin trapping technique.

Biotransformation of butachlor through mercapturic acid pathway in rat tissue homogenates.

Mechanisms of cellular resistance to hydrogen peroxide, hyperoxia, and 4-hydroxy-2-nonenal toxicity: the significance of increased catalase activity in H₂O₂-resistant fibroblasts.

Ferrous sulfate reduces thyroxine efficacy in patients with hypothyroidism.

Effects of different rates of drying cassava root on its toxicity to broiler chicks.

Case report: neuropathology of methyl bromide intoxication.

Methyl bromide intoxication and acute energy deprivation syndromes.

Effects of eating an uncooked vegetable diet for 1 week.

Localization of protein-acetaldehyde adducts on cell surface of hepatocytes by flow cytometry.

Glucose regulation of synaptic transmission in the dorsolateral septal nucleus of the rat.

Mitochondrial ATP-synthase deficiency in a child with 3-methylglutaconic aciduria.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin or 2,2',4,4',5,5'-hexachlorobiphenyl on vitamin K-dependent blood coagulation in female germfree WAG/Rij-rats.

Mucosal reactive oxygen metabolite production in duodenal ulcer disease.

Regulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible expression of aldehyde dehydrogenase in hepatoma cells.

Mechanism of the increase in intracellular sodium during metabolic inhibition: direct evidence against mediation by voltage-dependent sodium channels.

Myalgia and elevated creatine kinase activity associated with subcutaneous injections of diluent.

Negative regulation of the murine cytosolic aldehyde dehydrogenase-3 (Aldh-3c) gene by functional CYP1A1 and CYP1A2 proteins.

Ingested arsenic, keratoses, and bladder cancer.

Amyotrophic lateral sclerosis: increased solubility of skin collagen.

Thyroid albumin originates from blood.

Hypoxia induces glucose transporter expression in endothelial cells.

Alterations in the cortical thymic epithelium of rats after in vivo exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): an (immuno)histological study.

Chemiluminescence assay of mucosal reactive oxygen metabolites in inflammatory bowel disease.

Specific inhibition of NGF receptor tyrosine kinase activity by K-252a.

Reduced activity of the electron transport chain in liver mitochondria isolated from rats with secondary biliary cirrhosis.

[Trace analysis for drugs and poisons in human tissues].

Influence of stepwise uncoupling and temporary anoxia on pancreatic enzyme secretion by isolated rat acini.

Energy-dependent accumulation of daunorubicin into subcellular compartments of human leukemia cells and cytoplasts.

Effects of acid-base status on acute hypoxic pulmonary vasoconstriction and gas exchange.

In utero and lactational exposure of male rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin. 1. Effects on androgenic status.

In utero and lactational exposure of male rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin. 3. Effects on spermatogenesis and reproductive capability.

In utero and lactational exposure of male rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin. 2. Effects on sexual behavior and the regulation of luteinizing hormone secretion in adulthood.

Effects on retinal adhesive force in vivo of metabolically active agents in the subretinal space.

Mitochondrial ATP-synthase activity in cardiomyocytes after aerobic-anaerobic metabolic transition.

Partial amino acid sequence of a somatostatin receptor isolated from GH4C1 pituitary cells.

Mitochondrial dysfunction observed in situ in cardiomyocytes of rats in experimental diabetes.

Chemicals trophic for the thymus: risk for immunodeficiency and autoimmunity.

The effect of ethanol metabolism on ferritin uptake by freshly isolated rat hepatocytes: is acetaldehyde responsible for this alteration?

Inhibition of intestinal glucose absorption in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Identification of thyroiditogenic epitope on porcine thyroid peroxidase for C57BL/6 mice.

[Phenazon metabolism in children with liver diseases].

Heat shock alters the composition of heteromeric steroid receptor complexes and enhances receptor activity in vivo.

[Amounts of urinary metabolites of p-chloroaniline and their half lives in a patient with acute poisoning].

17 beta-estradiol hydroxylation catalyzed by human cytochrome P450 1A1: a comparison of the activities induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in MCF-7 cells with those from heterologous expression of the cDNA.

N-methyl-N'-nitro-N-nitrosoguanidine-induced light emission in Chinese hamster cell cultures: correlation with enhancement of chromosomal aberrations.

Tyrosine protein kinase is involved in anti-IgM-mediated signaling in BAL17 B lymphoma cells.

Soluble aggregates of the human PiZ alpha 1-antitrypsin variant are degraded within the endoplasmic reticulum by a mechanism sensitive to inhibitors of protein synthesis.

Transcriptional derepression of the murine Cyp1a-1 gene by mevinolin.

The mechanism of action of the two-layer (Euro-Collins' solution/perfluorochemical) cold storage method in canine pancreas preservation.

Metabolically dependent blood-brain barrier breakdown in chronic relapsing experimental allergic encephalomyelitis.

Tardyferon therapy in hyposiderosis of infancy and childhood.

Influence of ethanol on survival of acinar cells isolated from rat pancreas.

Placental transport of dioxins from mother to fetus. II. PCBs, dioxins and furans and vitamin K metabolism.

[Results of therapy of anemia in pregnancy].

Internal exposure to organic substances in a municipal waste incinerator.

Fatal systemic poisoning after skin exposure to monochloroacetic acid.

Genotoxicity of 2,4,6-trichlorophenol in V79 Chinese hamster cells.

Relationship between the cytolytic tenebrosin-C from *Actinia tenebrosa* and equinatoxin II from *Actinia equina*.

Amelioration of dermal lesions in streptozotocin-induced diabetic rats by aminoguanidine.

The hemolytic activity of deoxynivalenol and T-2 toxin.

Peroxisome proliferators: a model for receptor mediated carcinogenesis.

Reactive oxygen metabolites in toxic acute renal failure.

Energy-dependent processes involved in reduced drug accumulation in multidrug-resistant human lung cancer cell lines without P-glycoprotein expression.

Role of sex pheromone components in behavioral reproductive isolation between *Autographa gamma* (L.) and either *Trichoplusia ni* (Hübner) OR *Chrysodeixis chalcites* (Esp.) (Lepidoptera: Noctuidae: Plusiinae).

Identification of urinary metabolites of human subjects acutely poisoned by p-chloronitrobenzene.

Immunochemical identity of the 2,3,7,8-tetrachlorodibenzo-p-dioxin- and beta-naphthoflavone-induced cytochrome P-450 arachidonic acid epoxygenases in chick embryo liver: distinction from the omega-hydroxylase and the phenobarbital-induced epoxygenase.

Microbial transformation of deoxynivalenol (vomitoxin).

Hepatic Na(+)-dicarboxylate cotransport: identification, characterization, and acinar localization.

Effect of inorganic phosphate on hypoxanthine transport in isolated brain microvessels.

The molecular mechanism of peroxisome proliferator action: a model for species differences and mechanistic risk assessment.

The involvement of primary and secondary metabolism in the covalent binding of 1,2- and 1,4-dichlorobenzenes.

Murine strain differences in metabolism and bladder toxicity of cyclophosphamide.

Kinetic analysis of internalization, recycling and redistribution of atrial natriuretic factor-receptor complex in cultured vascular smooth-muscle cells. Ligand-dependent receptor down-regulation.

Somatic embryogenesis and plantlet regeneration from cell suspension cultures of *Fagus sylvatica* L.

(S)- and (R)-[11C]nicotine and the metabolite (R/S)-[11C]cotinine. Preparation, metabolite studies and in vivo distribution in the human brain using PET.

Aflatoxin toxicity in cultured human epidermal cells: stimulation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Potentialiation by m-cresol on transepithelial sodium transport across frog skin induced by insulin.

Histochemical arguments for muscular non-shivering thermogenesis in muscovy ducklings.

Confirmation of low concentrations of urinary benzodiazepines, including alprazolam and triazolam, by GC/MS: an extractive alkylation procedure.

Genotoxicity of environmental agents in human mammary epithelial cells.

Effect of serum-free medium on cytochrome P450-dependent metabolism and toxicity in rat cultured hepatocytes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes reduction of glucose transporting activities in the plasma membranes of adipose tissue and pancreas from the guinea pig.

In vitro metabolic inhibition of the human lymphocyte: influence on the expression of interleukin-2 receptors.

Use of multiple-cause mortality data in epidemiologic analyses: US rate and proportion files developed by the National Institute for Occupational Safety and Health and the National Cancer Institute.

Characteristics of L-citrulline transport across rat small intestine in vitro.

[The effect of chemical damage to the adrenal cortex on its ontogenetic development].

Beta-naphthoflavone induction of a cytochrome P-450 arachidonic acid epoxygenase in chick embryo liver distinct from the aryl hydrocarbon hydroxylase and from phenobarbital-induced arachidonate epoxygenase.

Allylamine toxicity in embryonic myocardial myocyte reaggregate cultures: The role of extracellular metabolism by benzylamine oxidase.

Independent regulation of prostaglandin production and the stress response in human fibroblasts.

Environmental monitoring in Lithuania. Environmental distress signals: gastrointestinal epithelial barrier after exposure to chemical agents.

Initial hydrogenation during catabolism of picric acid by *Rhodococcus erythropolis* HL 24-2.

Degradation of 2,4-dinitrophenol by two *Rhodococcus erythropolis* strains, HL 24-1 and HL 24-2.

Reduction in heat shock gene expression correlates with increased thermosensitivity in senescent human fibroblasts.

Beta-endorphin innervation of dopamine neurons in the rat hypothalamus: a light and electron microscopic double immunostaining study.

¹¹C-labelling of the analgesic tramadol and its major metabolites by selective O- and N-methylation.

Mechanism of citrinin-induced dysfunction of mitochondria. II. Effect on respiration, enzyme activities, and membrane potential of liver mitochondria.

Benzo[e]pyrene elicits changes in the biochemical activities and chromatographic behavior of murine hepatic cytochromes P-450 that are distinct from those induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Increased hydrogen peroxide concentration in human tumor cells due to a nitroxide free radical.

Metabolism of 2'-carboxyarabinitol in leaves.

[The characteristics of carbohydrate transport in the intestines of fresh-water fishes].

Glycerolphosphorylcholine (GPC) diesterase related alterations in the oxygen consumption profile of rat spermatozoa in differing functional states.

Bovine bone activin enhances bone morphogenetic protein-induced ectopic bone formation.

NTP technical report on the toxicity studies of para-Chloro-alpha,alpha,alpha Trifluorotoluene (CAS NO: 98-56-6) Administered in Corn Oil and alpha-Cyclodextrin to F344/N Rats and B6C3F1 Mice in 14-Day Comparative Gavage Studies.

Health status and needs of migrant farm workers in the United States: a literature review.

Regulation of Na⁺/Ca²⁺ exchange in the rat pancreatic B cell.

Metabolism of an imidazole fungicide (prochloraz) in the rat after oral administration.

Bioenergetics and cell communication; cell uncoupling seen as a protective mechanism in cardiac muscle.

Mitochondrial glutathione and methyl iodide-induced neurotoxicity in primary neural cell cultures.

Cytogenetic mechanisms in the selective toxicity of cyclophosphamide analogs and metabolites towards avian embryonic B lymphocytes in vivo.

The interaction of L-triiodothyronine and 2,3,7,8-tetrachlorodibenzo-p-dioxin on Ah-receptor-mediated hepatic Phase I and Phase II enzymes and iodothyronine 5'-deiodinase in thyroidectomized rats.

Molecular cloning of rat prostate transglutaminase complementary DNA. The major androgen-regulated protein DP1 of rat dorsal prostate and coagulating gland.

³¹P-NMR spectroscopy of perfused rat hepatocytes immobilized in agarose threads: application to chemical-induced hepatotoxicity.

Interactions of bacteria and microflagellates in sequencing batch reactors exhibiting enhanced mineralization of toxic organic chemicals.

Artificial liver.

Examining the function and regulation of hsp 70 in cells subjected to metabolic stress.

Relation between airborne arsenic trioxide and urinary excretion of inorganic arsenic and its methylated metabolites.

Sex-, age- and pregnancy-induced changes in the metabolism of toluene and trichloroethylene in rat liver in relation to the regulation of cytochrome P450IIE1 and P450IIC11 content.

Participation of rat liver cytochrome P450 2E1 in the activation of N-nitrosodimethylamine and N-nitrosodiethylamine to products genotoxic in an acetyltransferase-overexpressing *Salmonella typhimurium* strain (NM2009).

Stimulus-secretion coupling in beta-cells of transplantable human islets of Langerhans. Evidence for a critical role for Ca²⁺ entry.

Effects of metabolic inhibition by sodium azide on stimulus-secretion coupling in B cells of human islets of Langerhans.

Comparison of the effect of a mitochondrial uncoupler, 2,4-dinitrophenol and adrenaline on oxygen radical production in the isolated perfused rat liver.

Cyclophosphamide cystitis in rats: involvement of capsaicin-sensitive primary afferents.

The mechanism of action of the two-layer (Euro-Collins' solution/perfluorochemical) cold-storage method in canine pancreas preservation--the effect of 2,4 dinitrophenol on graft viability and adenosine triphosphate tissue concentration.

Influence of metabolic inhibitors on the degradation of tight junctions in HT29 cells.

Utilization of glutathione during 1,2-dihaloethane metabolism in rat hepatocytes.

Low concentrations of sodium azide specifically inhibit a thromboxane A₂ pathway in human platelets.

Carbamylation-induced alterations in low-density lipoprotein metabolism.

Sodium fluoride provokes gonadotrope desensitization to gonadotropin-releasing hormone (GnRH) and gonadotrope sensitization to A23187: evidence for multiple G proteins in GnRH action.

Interleukin-1 beta suppresses the induction of P4501A1 and P4501A2 mRNAs in isolated hepatocytes.

The complete amino acid sequence of growth hormone from sturgeon (*Acipenser guldenstadti*).

Bovine pancreatic deoxyribonuclease A. Isolation of cyanogen bromide peptides; complete covalent structure of the polypeptide chain.

Characterization of the thromboxane receptor mediating prostacyclin release from cultured endothelial cells.

Transgenic plants containing the phosphinothricin-N-acetyltransferase gene metabolize the herbicide L-phosphinothricin (glufosinate) differently from untransformed plants.

Zinc transport into endothelial cells is a facilitated process.

Cloning and expression of an Arabidopsis nitrilase which can convert indole-3-acetonitrile to the plant hormone, indole-3-acetic acid.

Differential effects of drugs upon hematopoiesis can be assessed in long-term bone marrow cultures established on nylon screens.

Influence of chromium on some physiological variables of *Anabaena doliolum*: interaction with metabolic inhibitors.

[Use of 2,4-dinitrophenol for immunosuppressive action on the recipient in implantation of fetal organs in mice].

Mutagenicity of the reaction products of dibenzo-p-dioxin with nitrogen oxides.

Absorptive-mediated endocytosis of an adrenocorticotrophic hormone (ACTH) analogue, ebitatide, into the blood-brain barrier: studies with monolayers of primary cultured bovine brain capillary endothelial cells.

Tricarboxylic acid cycle activity in perfused rat lungs after O₂ exposure.

Specific binding of polychlorinated biphenyls to rat liver cytosol protein.

Proline uptake by monolayers of human intestinal absorptive (Caco-2) cells in vitro.

NTP Toxicology and Carcinogenesis Studies of Methyl Bromide (CAS: 74-83-9) in B6C3F1 Mice (Inhalation Studies).

Flavin-containing monooxygenase-dependent stereoselective S-oxygenation and cytotoxicity of cysteine S-conjugates and mercapturates.

Metabolism and disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin in ring-necked pheasant hens, chicks, and eggs.

Liquid flow across the epithelium of the artificially perfused lung of fetal and postnatal sheep.

Inhibition of synthesis of rat parotid secretory proteoglycan in a gland slice system.

Metabolism of dibenzo-p-dioxin by *Sphingomonas* sp. strain RW1.

Serotonin and norepinephrine vasoconstriction in rat hindlimb have different oxygen requirements.

Taurine transport in skate hepatocytes. II. Volume activation, energy, and sulfhydryl dependence.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and ethinylestradiol as co-mitogens in cultured rat hepatocytes.

[Thermal distribution in the agar phantom by a new intracavitary RF applicator for prostate gland].

The profile of rat liver enzyme induction produced by prochloraz and its major metabolites.

Metabolic fate of menthofuran in rats. Novel oxidative pathways.

Effects of chronic atropine administration on regional vasoactive intestinal polypeptide concentrations in rat brain.

Purification and localization of brain-type creatine kinase in sodium chloride transporting epithelia of the spiny dogfish, *Squalus acanthias*.

Carrier-mediated uptake of pravastatin by rat hepatocytes in primary culture.

Oxygen modulates contractile responses to potassium and prostaglandin F₂ alpha in human pial arteries.

Enhancement of glucose transport in response to inhibition of oxidative metabolism: pre- and posttranslational mechanisms.

A comparative study on the contribution of cytochrome P450 isozymes to metabolism of benzene, toluene and trichloroethylene in rat liver.

Purification and characterization of a mutant human platelet phospholipase A₂ expressed in *Escherichia coli*. Cleavage of a fusion protein with cyanogen bromide.

Effects of cyclophosphamide and acrolein in organoid cultures of mouse limb bud cells grown in the presence of adult rat hepatocytes.

In vitro neurotoxicity of methyl iodide.

NTP Toxicology and Carcinogenesis Studies of Monochloroacetic Acid (CAS No. 79-11-8) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Primary cultures of rat hepatocytes on microcarriers as a metabolising system in toxicity testing in cell cultures.

Characterization of bilirubin transport system by human peripheral blood mononuclear cells.

Uptake of organic anions by isolated rat hepatocytes. A classification in terms of ATP-dependency.

Effect of methyl bromide on regional brain glutathione, glutathione-S-transferases, monoamines, and amino acids in F344 rats.

NADH-dependent reductive stress and ferritin-bound iron in allyl alcohol-induced lipid peroxidation in vivo: the protective effect of vitamin E.

Activity of oxytocinergic neurons in the paraventricular nucleus mirrors the periodicity of the endogenous stimulatory rhythm regulating prolactin secretion.

A potassium current activated by lemakalim and metabolic inhibition in rabbit mesenteric artery.

Urinary excretion of o-cresol and hippuric acid after toluene exposure in rotogravure printing.

Tissue distribution of monochloroacetic acid and its binding to albumin in rats.

Effect of cosubstrates on the dechlorination of selected chlorophenolic compounds by *Rhodococcus erythropolis* 1CP.

[A stereoscopic analysis of centrosome structure in the cells of a tissue culture under the action of energy metabolism inhibitors. I. 2,4-Dinitrophenol, deoxyglucose, sodium azide and the calcium ionophore A23187].

Cellular sequence of tracheal repair in sheep after smoke inhalation injury.

Microbiological and biotechnological aspects of metabolism of carbamates and organophosphates.

Brain microdialysis study of the effects of hazardous chemicals on the central nervous system. 1. Changes in monoamine metabolites induced by cerebral methyl bromide administration measured by two-probe microdialysis (TPMD) method.

Comparative toxicity of four chlorinated dibenzo-p-dioxins (CDDs) and their mixture. Part II: Structure-activity relationships with inhibition of hepatic phosphoenolpyruvate carboxykinase, pyruvate carboxylase, and gamma-glutamyl transpeptidase activities.

Cytophotometric assay of cytochrome oxidase, lactate dehydrogenase and glucose-6-phosphate dehydrogenase activities in human peroxidized spermatozoa.

Comparative toxicity of four chlorinated dibenzo-p-dioxins (CDDs) and their mixture. Part III: Structure-activity relationship with increased plasma tryptophan levels, but no relationship to hepatic ethoxyresorufin o-deethylase activity.

Subcellular mechanism and site of action of ionic lanthanum at the motor nerve terminal.

Microbial secondary metabolism: a new theoretical frontier for academia, a new opportunity for industry.

[The role of bacterial metabolism in transformation of non-mutagenic compounds into mutagens. I. Participation of *Escherichia coli* nitroreductase in creation of mutagens from non-mutagenic new pesticides].

Putrescine uptake and metabolism in isolated rat pancreatic acini.

Production of polyclonal antibody to the bovine adrenal atrial natriuretic factor-R1 receptor.

Pentachlorophenol toxicokinetics after intravenous and oral administration to rat.

[Immunomorphological analysis of prolonged intoxication by low doses of herbicide simazine].

Lethality, hexobarbital narcosis and behavior in rats exposed to atrazine, bentazon or molinate.

The effect of structurally divergent herbicides on mouse liver xenobiotic-metabolizing enzymes (P-450-dependent mono-oxygenases, epoxide hydrolases and glutathione S-transferases) and carnitine acetyltransferase.

Hexachlorobenzene and its metabolites pentachlorophenol and tetrachlorohydroquinone: interaction with thyroxine binding sites of rat thyroid hormone carriers *ex vivo* and *in vitro*.

Conjugates of superoxide dismutase with the Fc fragment of immunoglobulin G.

Effects of MCPA and other phenoxyacid compounds on hepatic xenobiotic metabolism in rats.

Cancer mortality in workers exposed to chlorophenoxy herbicides and chlorophenols.

Cornexistin: a new fungal metabolite with herbicidal activity.

[Biochemical and histological changes after acute oral poisoning with the acetanilide herbicide acetochlor].

Toxicology and carcinogenesis studies of two grades of pentachlorophenol in B6C3F1 mice.

Developmental toxicity of bromoxynil in mice and rats.

Effects of ethyl 4-chloro-2-methylphenoxyacetate on hepatic peroxisomal enzymes in rats.

Liver high performance liquid chromatographic porphyrin profiles in experimental porphyria induced by peroxidizing herbicides.

[Arachidonic acid metabolism and angiotensin converting enzyme activity by cultured porcine pulmonary artery endothelial cells are affected with paraquat].

Reduction of paraquat and related bipyridylium compounds to free radical metabolites by rat hepatocytes.

Role of metabolites in propanil-induced hemolytic anemia.

Age- and sex-related effects on hepatic drug metabolism in rats chronically exposed to dietary atrazine.

Metabolic aspects of the toxicology of mixtures of parathion, toxaphene and/or 2,4-D in mice.

Relationships between ascorbic acid and alpha-tocopherol during diquat-induced redox cycling in isolated rat hepatocytes.

Genotoxicity of p-nitrocinnamaldehyde and related alpha, beta-unsaturated carbonyl compounds in two bacterial assays.

Acrolein genotoxicity in *Drosophila melanogaster*. I. Somatic and germinal mutagenesis under proficient repair conditions.

The effects of Tordon 202c exposure on urethan-induced lung adenoma formation in female CD-1 mice.

Developmental analysis of elongation factor-1 alpha expression in transgenic tobacco.

Gene mutation assay of acrolein in the CHO/HGPRT test system.

Cellular response to oxidative damage in lung induced by the administration of dimethylarsinic acid, a major metabolite of inorganic arsenics, in mice.

[Occupational asthma caused by scented gravel in cat litter boxes].

Effects of hexachlorobenzene and its metabolites pentachlorophenol and tetrachlorohydroquinone on serum thyroid hormone levels in rats.

Mortality and incidence of cancer at four factories making phenoxy herbicides.

Allylamine and acrolein toxicity in perfused rat hearts.

[The immunomorphological characteristics of a focal staphylococcal infection against a background of long-term exposure to low doses of simazine].

Effect of atrazine on some aspects of lipid metabolism in fresh water fish.

Effects of phenoxyacetic acid herbicides on chicken embryo liver drug metabolizing enzymes.

Inhibition of human and rabbit platelet aggregation by chlorophenoxyacid herbicides.

Taiwan National Poison Center survey of glyphosate--surfactant herbicide ingestions.

Bialaphos poisoning with apnea and metabolic acidosis.

Pentachlorophenol.

[Ultrastructural changes in the adenohipophysis-thyroid system in chronic poisoning by the herbicide linuron].

Inhibition of platelet aggregation and thromboxane A₂ production by chlorophenoxy acid herbicides.

[The effect of the acetanilide herbicide Acetochlor on the cardiovascular system of white rats].

Effects of acute 2,4-dichlorophenoxyacetic acid intoxication on some rat serum components and enzyme activities.

Marked augmentation of nocturnal melatonin secretion in amenorrhic athletes, but not in cycling athletes: unaltered by opioidergic or dopaminergic blockade.

Cyclophosphamide-associated carcinoma of urothelium: modalities for prevention.

Oxygen metabolite effects on creatine kinase and cardiac energetics after reperfusion.

Prolonged exposure to wood preservatives induces endocrine and immunologic disorders in women.

Uptake and metabolism of iodine is crucial for the development of thyroiditis in obese strain chickens.

Isolation and characterization of *Streptomyces griseolus* deletion mutants affected in cytochrome P-450-mediated herbicide metabolism.

Phosphoramidate mustard is responsible for the ovarian toxicity of cyclophosphamide.

Central monoamine oxidase and phenolsulfotransferase activities in spontaneously hypertensive rats.

Liver ferrochelatase from normal and hexachlorobenzene porphyric rats. Mechanism of drug action.

Formation of the 37KD liver protein-acetaldehyde adduct in vivo and in vitro.

Tissue peroxidase in the normal and neoplastic salivary gland.

Mutagenicity of 2-methylacrolein, 2-ethylacrolein and 2-propylacrolein in *Salmonella typhimurium* TA100. A comparative study.

Determination of glyphosate and its metabolite, (aminomethyl)phosphonic acid, in serum using capillary electrophoresis.

Residues of pentachlorophenol and other chlorinated contaminants in human tissues: analysis by electron capture gas chromatography and electron capture negative ion mass spectrometry.

Determination of a metabolite of the herbicide pyridate in drinking and groundwater using high-performance liquid chromatography with amperometric detection.

In vitro transformation of dithiopyr by rat liver enzymes: conversion of methylthioesters to acids by oxygenases.

Methyl viologen as a preferred electron acceptor in metabolic experiments.

Properties of a 4-ene-3-ketosteroid-5 alpha-reductase in cell extracts of the intestinal anaerobe, *Eubacterium* sp. strain 144.

Increase in metallothionein produced by chemicals that induce oxidative stress.

Metabolism of the thiocarbamate herbicide SUTAN in rats.

Residue analysis of glyphosate and its principal metabolite in certain cereals, oilseeds, and pulses by liquid chromatography and postcolumn fluorescence detection.

Decreased metabolic rate as an acrolein resistance mechanism in *Drosophila melanogaster*.

Metabolic control analysis and enzyme variation: nutritional manipulation of the flux from ethanol to lipids in *Drosophila*.

The effect of diflufenican on lipid metabolism in plants.

Enzyme mediated superoxide radical formation initiated by exogenous molecules in rat brain preparations.

Metabolism of glyphosate in Sprague-Dawley rats: tissue distribution, identification, and quantitation of glyphosate-derived materials following a single oral dose.

The isolation of alpha-methylene-beta-alanine, a herbicidal microbial metabolite.

The involvement of catalase in alcohol metabolism in *Drosophila melanogaster* larvae.

Effect of 3-amino-1,2,4-triazole on ethanol-induced narcosis, lethality and hypothermia in rats.

Application of ELISA techniques to metabolic disposition studies for 1,3-dinitrobenzene: comparison with HPLC and radiochemical methods.

Propachlor-S-glutathione metabolism by kidneys and ureters of calves.

Food Safety and Inspection Service initiatives for tissue residue reduction in meat and poultry.

Gastrointestinal absorption of paraquat in the isolated mucosa of the rat.

[Results of the toxicokinetics of bromoxynil in rats].

[Chemical and biochemical studies on reactivities, formations and toxicities of reactive oxygen species].

Age- and sex-related differences in activation of the carcinogen 7-hydroxymethyl-12-methylbenz[a]anthracene to an electrophilic sulfuric acid ester metabolite in rats. Possible involvement of hydroxysteroid sulfotransferase activity.

Urinary excretion of acetylcyanamide in rat and human after oral and dermal application of hydrogen cyanamide (H₂NCN).

Metabolic activation of the herbicide dichlobenil in the olfactory mucosa of mice and rats.

Effect of pentachlorophenol on the activation of 2,6-dinitrotoluene to genotoxic urinary metabolites in CD-1 mice: a comparison of GI enzyme activities and urine mutagenicity.

Modulations in nitrogen metabolism in the hepatic and neuronal tissues of fish, *Tilapia mossambica* exposed to atrazine.

Relationship between oxidative stress and hepatic phosphoglucomutase activity in rats.

Hydrogen peroxide effects on ionic and non-ionic permeability of the rabbit corneal endothelium.

Pharmacokinetics and metabolism of triclopyr in the crayfish (*Procambarus clarki*).

Characterization of topoisomerase I and II activities in nuclear extracts during callogenesis in immature embryos of *Zea mays*.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on 17 beta-estradiol-induced glucose metabolism in MCF-7 human breast cancer cells: 13C nuclear magnetic resonance spectroscopy studies.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes unbalanced growth in 5L rat hepatoma cells.

Induction of NAD(P)H:quinone reductase in human peripheral blood lymphocytes.

Decreased activities of ubiquinol:ferricytochrome c oxidoreductase (complex III) and ferrocycytochrome c:oxygen oxidoreductase (complex IV) in liver mitochondria from rats with hydroxycobalamin[c-lactam]-induced methylmalonic aciduria.

Hypoxia induces endothelial cell synthesis of membrane-associated proteins.

[Identification of urinary metabolites in a patient of acute poisoning by p-chloroaniline].

Aromatic hydrocarbon responsiveness-receptor agonists generated from indole-3-carbinol in vitro and in vivo: comparisons with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Neurotoxicity of polychlorinated biphenyls: structure-activity relationship of individual congeners.

Mechanism for enterohepatic injury caused by circulatory disturbance of hepatic vessels in the rat.

Hemolytic activity of ethylene glycol phenyl ether (EGPE) in rabbits.

Iron supplementation and running performance in female cross-country runners.

Induction of hepatic metallothionein by nonmetallic compounds associated with acute-phase response in inflammation.

Toxic and neoplastic responses in the nasal passages: future research needs.

Lipid peroxidation in rat AH-130 hepatoma cells enriched in vitro with arachidonic acid.

Influence of anoxia, reoxygenation, and uncoupling on survival, respiration, and trypsin-inhibiting capacity of isolated pancreatic acinar cells.

Chloracne caused by ingestion of olive oil contaminated with PCDDs and PCDFs.

Great Lakes embryo mortality, edema, and deformities syndrome (GLEMEDS) in colonial fish-eating birds: similarity to chick-edema disease.

Ninety day toxicity study of chloroacetic acids in rats.

Intracellular calcium concentrations during "chemical hypoxia" and excitotoxic neuronal injury.

Dexamethasone and 2,3,7,8-tetrachlorodibenzo-p-dioxin can induce thymic atrophy by different mechanisms in mice.

Mechanism of action of 2,3,7,8-tetrachlorodibenzo-p-dioxin on intermediary metabolism in the rat.

Cellular retention, toxicity and carcinogenic potential of seafood arsenic. I. Lack of cytotoxicity and transforming activity of arsenobetaine in the BALB/3T3 cell line.

Heat treatment induces an increase in intracellular cyclic AMP content in human epidermoid A-431 cells.

Evidence for the mechanism of action of the 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated decrease of nuclear estrogen receptor levels in wild-type and mutant mouse Hepa 1c1c7 cells.

Hemolytic activity in the periodontopathogen *Porphyromonas gingivalis*: kinetics of enzyme release and localization.

Induction of chromosomal aberrations with the restriction endonuclease AluI in Chinese hamster ovary cells: comparison of different treatment methods.

Glutathione depletion during experimental damage to rat skeletal muscle and its relevance to Duchenne muscular dystrophy.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits steroidogenesis in the rat testis by inhibiting the mobilization of cholesterol to cytochrome P450_{sc}.

Characterization of an inducible aryl hydrocarbon receptor-like protein in rat liver.

Extracorporeal techniques in the treatment of poisoned patients.

Effect of modulators of glutathione synthesis on the hepatotoxicity of 2-methylfuran.

Effects of ATP-sensitive K⁺ channel blockers on the action potential shortening in hypoxic and ischaemic myocardium.

Gender-related differences in iron absorption by preadolescent children.

Mechanisms of disruption of the articular cartilage surface in inflammation. Neutrophil elastase increases availability of collagen type II epitopes for binding with antibody on the surface of articular cartilage.

Metabolism of deuterium-labeled nonanoic acids in the riboflavin-deficient rat model of multiple acyl-CoA dehydrogenase deficiency.

Hypothyroidism and acquired von Willebrand disease.

The issues of transport multiplicity and energetics pertaining to methotrexate efflux in L1210 cells addressed by an analysis of cis and trans effects of inhibitors.

Promotion of mouse lung tumors by bioaccumulated polychlorinated aromatic hydrocarbons.

Cataract induction by 1,2-naphthoquinone. I. Studies on the redox properties of bovine lens proteins.

Association of the crosslinked IgE receptor with the membrane skeleton is independent of the known signaling mechanisms in rat basophilic leukemia cells.

Oxidation of propylthiouracil to reactive metabolites by activated neutrophils. Implications for agranulocytosis.

Ovarian hormones enhance 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated increases in cell proliferation and preneoplastic foci in a two-stage model for rat hepatocarcinogenesis.

Respective roles of free radicals and energy supply in hypoxic rat liver injury after reoxygenation.

Long-term carcinogenesis studies on 2,3,7,8-tetrachlorodibenzo-p-dioxin and hexachlorodibenzo-p-dioxins.

Reversibility of thymic atrophy induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and bis(tri-n-butyltin)oxide (TBTO).

The tissue distribution of 2,3,7,8-chlorine substituted dibenzo-p-dioxins in humans who died of cancer.

Vitamin A deficiency and the induction of cutaneous toxicity in murine skin by TCDD.

Roles of UDP-glucuronosyltransferases in chemical carcinogenesis.

An exploratory study of environmental and medical factors potentially related to childhood cancer.

Regulation of the truncation of luteinizing hormone receptors at the plasma membrane is different in rat and mouse Leydig cells.

Human exposure to 2,3,7,8-TCDD and risk of cancer.

Pyridine derivatives: structure-activity relationships causing parkinsonism-like symptoms.

Effects of salicylate on hepatocyte lactate metabolism.

Altered metabolic response of iron-deficient women during graded, maximal exercise.

Influence of aprotinin and promazine on survival of isolated pancreatic acinar cells.

Polycythemia in diabetic patients on CAPD.

On the mechanism of action of interferons: interaction with nonsteroidal anti-inflammatory agents, pentoxifylline (Trental) and cGMP inducers.

Reduced cortisol secretion in patients with iron deficiency.

Response of the antral mucosa of the rat stomach to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[The effect of finoptin on the metabolism and pharmacological action of cyclophosphane in vivo and in vitro].

Single-dose cyclophosphamide for the prevention of bladder tumor implantation in F344 rats: site of drug activity.

Sequence and immunological characterisation of ovine pancreatic lipase.

Metabolism and disposition of p-chloroaniline in rat, mouse, and monkey.

Characteristics of induction of peroxisomal fatty acid oxidation-related enzymes in rat liver by drugs. Relationships between structure and inducing activity.

2,3,7,8-Tetrachlorodibenzo-p-dioxin increases reliance on fats as a fuel source independently of diet: evidence that diminished carbohydrate supply contributes to dioxin lethality.

NTP technical report on the toxicity studies of Cresols (CAS Nos. 95-48-7, 108-39-4, 106-44-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Effect of rat liver cytosolic enzymes and cofactors on mutagenicity of 1-amino-8-nitropyrene.

Monoclonal antibody-directed characterization of cytochrome P450 isozymes responsible for toluene metabolism in rat liver.

Absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) after low dose dermal exposure.

Human liver alcohol dehydrogenases catalyze the oxidation of the intermediary alcohols of the shunt pathway of mevalonate metabolism.

Evaluation of metabolic endpoints of acute cytotoxicity in V79 fibroblasts.

Allylamine toxicity in embryonic myocardial myocyte reaggregate cultures.

Choice and standardization of test protocols in cytotoxicology: A multicentre approach.

Influence of cytoplasmic ATP reduction on catecholamine synthesis in cultured bovine adrenal chromaffin cells.

The induction of DNA strand breaks and formation of semiquinone radicals by metabolites of 2,4,5-trichlorophenol.

Alterations in the cross-links of skin collagen of rats treated with biosynthetic growth hormone.

Relative roles of metabolism and renal excretory mechanisms in xenobiotic elimination by fish.

Effect of natural ageing and antioxidant inhibition on liver antioxidant enzymes, glutathione system, peroxidation, and oxygen consumption in *Rana perezi*.

Identification of urinary metabolites in rats treated with p-chloronitrobenzene.

Kinetic studies on toluene metabolism in ethanol- and phenobarbital-induced rat liver microsomes in vitro.

Interactions of halogenated industrial chemicals with transthyretin and effects on thyroid hormone levels in vivo.

The mutagenicity of azido derivatives of monosaccharides and alcohols and of N-(3-azido-2-hydroxypropyl) derivatives of purines and pyrimidines in *Arabidopsis thaliana* and in *Salmonella typhimurium*.

[Experimental study on methyl bromide poisoning in mice. Acute inhalation study and the effect of glutathione as an antidote].

Ca²⁺-activated K⁺ channels in airway smooth muscle are inhibited by cytoplasmic adenosine triphosphate.

In situ intestinal absorption of 2-chloro-N-isopropylacetanilide (propachlor) and non-biliary excretion of metabolites into the intestinal tract of rats, pigs and chickens.

Nature of enhanced mitochondrial oxidative metabolism by a calf blood extract.

Glutathione diminishes the anti-tumour activity of 4-hydroperoxycyclophosphamide by stabilising its spontaneous breakdown to alkylating metabolites.

The effect of interleukin-1 on iron metabolism in rats.

Intracellular regulation of the production and release of human erythroid-directed lymphokines.

Simple determination of iodine in small specimens of thyroid tissue.

Quantitation of urinary chlorobenzene metabolites by HPLC: concentrations of 4-chlorocatechol and chlorophenols in urine and of chlorobenzene in biological specimens of subjects exposed to chlorobenzene.

Studies in tobacco carcinogenesis.

Drug interaction effects on antitumour drugs (VIII): prevention of ifosfamide-induced urotoxicity by disulfiram and its effect on antitumour activity and acute toxicity of alkylating agents in mice.

Effects of polychlorinated biphenyls with Ah receptor affinity on lymphoid development in the thymus and the bursa of Fabricius of chick embryos in ovo and in mouse thymus anlagen in vitro.

Metabolism of crystallin fragments in cell-free extracts of bovine lens: effects of ageing and oxygen free-radicals.

Characterization of the cytochrome P450 isozyme that metabolizes ochratoxin A, using metabolic inducers, inhibitors and antibodies.

Genotoxicity of ochratoxin A and structurally related compounds in *Escherichia coli* strains: studies on their mode of action.

Mutagen specificity for 71 lines resistant to barley powdery mildew race D1 and isolated in four highbred barley varieties.

The role of metabolism in chemical-induced pulmonary toxicity.

Free radicals promote "in vitro" a different intracellular decay of rabbit reticulocyte and erythrocyte glycolytic enzymes.

Identification and structural characterization of Lyt-1 glycoproteins from tunicate hemocytes and mouse thymocytes.

Effect of different hypolipemic agents on rat liver peroxisomal and mitochondrial functions and biogenesis.

Accumulation and release of adrenaline, and the modulation by adrenaline of noradrenaline release from rabbit blood vessels in vitro.

Charybdotoxin-sensitive K(Ca) channel is not involved in glucose-induced electrical activity in pancreatic beta-cells.

Metabolic activation of chlorpromazine by stimulated human polymorphonuclear leukocytes. Induction of covalent binding of chlorpromazine to nucleic acids and proteins.

Primary structure of the catalytic subunit of calf thymus DNA polymerase delta: sequence similarities with other DNA polymerases.

Studies on the interaction of ribonuclease inhibitor with pancreatic ribonuclease involving differential labeling of cysteinyl residues.

Plant regeneration from embryogenic suspension cultures of oil palm (*Elaeis guineensis* Jacq.).

Role of microtubuli in secretion of very-low-density lipoprotein in isolated rat hepatocytes: early effects of thiol reagents.

TCDD decreases rapidly and persistently serum melatonin concentration without morphologically affecting the pineal gland in TCDD-resistant Han/Wistar rats.

Characterization of the renal effects and renal elimination of sulotroban in the dog.

bcl-2 transgene inhibits T cell death and perturbs thymic self-censorship.

Comparison of the amino acid sequences of tissue-specific parvalbumins from chicken muscle and thymus and possible evolutionary significance.

Hexose uptake in primary cultures of bovine brain microvessel endothelial cells. I. Basic characteristics and effects of D-glucose and insulin.

Effects of exogenous auxins on expression of lipoxygenases in cultured soybean embryos.

Effect of N-(Phosphonomethyl)glycine on Carbon Assimilation and Metabolism during a Simulated Natural Day.

Mutagenic activity of 6-azido deoxyhexoses and azido alcohols in *Salmonella typhimurium* and its inhibition by a structure-similar carbon source in the medium.

Absorption and metabolic characteristics of p-aminobenzoic acid and its isomer, m-aminobenzoic acid, from the rat small intestine.

[Comparative study of the effectiveness of the classical and modified Cooper protocol for breast cancer chemotherapy].

The metabolism and excretion of prochloraz, an imidazole-based fungicide, in the rat.

The liver, kidney, and thyroid toxicity of chlorinated benzenes.

Effect of endocytic and metabolic inhibitors on the internalization and intracellular growth of *Brucella abortus* in Vero cells.

Perinatal thymocyte antigen expression and postnatal immune development altered by gestational exposure to tetrachlorodibenzo-p-dioxin (TCDD).

Long-term optimized embryogenic cultures in durum wheat (*Triticum durum* Desf.).

Stimulation by auxin of phospholipase A in membrane vesicles from an auxin-sensitive tissue is mediated by an auxin receptor.

Modulation of auxin-binding proteins in cell suspensions : I. Differential responses of carrot embryo cultures.

NTP Toxicology and Carcinogenesis Studies of Sodium Azide (CAS: 26628-22-8) in F344 Rats (Gavage Studies).

Development and validation of a fluoroimmunoassay for urinary normetanephrine.

A rapid microassay for measuring the luminol-dependent chemiluminescent response in canine whole blood.

Cis-inhibition and trans-stimulation of cationic amino acid transport in the perfused rat pancreas.

Transport of monocarboxylic acids at the blood-brain barrier: studies with monolayers of primary cultured bovine brain capillary endothelial cells.

Lung liquid production by in vitro lungs from fetal guinea pigs: studies with metabolic inhibitors.

Studies on the mechanism of the toxic action of sodium nitrite on intestinal absorption in rats.

Effect of Konjac mannan on intestinal microbial metabolism in mice bearing human flora and in conventional F344 rats.

Improved culture conditions for somatic embryogenesis from *Asparagus officinalis* L. using an aseptic ventilative filter.

Potassium-evoked responses from the retinal pigment epithelium of the toad *Bufo marinus*.

[Uptake of adrenaline by rat brain synaptosomes. Effects of several psychotropic drugs].

Inhibitory effects of substance P and carbachol on the saturable sodium-dependent uptake process of myo-inositol in rat parotid gland.

Induction of a 31,000-dalton stress protein by prostaglandins D₂ and J₂ in porcine aortic endothelial cells.

Human aldehyde dehydrogenase. Activity with aldehyde metabolites of monoamines, diamines, and polyamines.

The complete amino acid sequence of growth hormone of the bullfrog (*Rana catesbeiana*).

The antiproliferative effects of enzymatic deglycosylation and metabolic undersulfation of proteoglycans from the cell surface.

[Effect of antibiotics on fecal excretion of various products of microbial metabolism of aromatic amino acids].

Toxicity of 2,6-dichlorothiobenzamide (chlorthiamid) and 2,6-dichlorobenzamide in the olfactory nasal mucosa of mice.

Human chorionic gonadotropin treatment prevents depressed 17 alpha-hydroxylase/C17-20 lyase activities and serum testosterone concentrations in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

Biophysical aspects of the integrated combination of cytostatic drugs with radiotherapy. Part 1: In vitro investigations on the kinetics of activated isophosphamide metabolites and the determination of selective properties of DNA-interstrand and DNA-protein crosslinking mechanisms using ³¹P-NMR spectroscopy.

Evaluation of the relative contribution of exposure routes in a health risk assessment of dioxin emissions from a municipal waste incinerator.

Metabolism of ¹⁴C-dichloroethyne in rats.

Sulphation of the flavonoids quercetin and catechin by rat liver.

Effect of age on the gastrointestinal absorption of acyclovir in rats.

Retinoic acid receptor belongs to a subclass of nuclear receptors that do not form "docking" complexes with hsp90.

Effects of environmentally encountered epoxides on mouse liver epoxide-metabolizing enzymes.

Methylated sulfur compounds in microbial mats: in situ concentrations and metabolism by a colorless sulfur bacterium.

In vitro cytotoxicity studies with the fish hepatoma cell line, PLHC-1 (*Poeciliopsis lucida*).

Uptake of corticosterone into isolated rat liver cells: possible involvement of Na⁺/K⁺-ATPase.

Evidence for the formation of a known toxin, p-cresol, from menthofuran.

Role of eicosanoids, inositol phosphates and extracellular Ca²⁺ in cell-volume regulation of rat liver.

Mechanically induced length changes of isolated outer hair cells are metabolically dependent.

Oxygen uptake of isolated toad skin epithelium: micromasurement and effect of ionic acclimation.

Effects of chlordane on parameters of liver and muscle toxicity in man and experimental animals.

Sodium nitrite-stimulated metabolic activation of benzo[a]pyrene 7,8-dihydrodiol in human polymorphonuclear leukocytes.

Induction of mutation in V79 Chinese hamster cells by tetrachlorohydroquinone, a metabolite of pentachlorophenol.

The synergistic effect of chlorinated chemicals (trichlorosalicylanilid, 4-chloro-m-cresol, trichlorophenoxyacetic acid, trichloroethanol, trichloromethiazide, trichlorofon and trichloroacetaldehyde) and low concentrations of griseofulvin on porphyrin metabolism.

Expression of growth hormone-releasing factor analog Leu27GRF(1-44)OH in *Escherichia coli*: purification and characterization of the expressed protein.

Effect of a single dose of TCDD on the level of histamine in discrete nuclei in rat brain.

Morphological and histochemical effects of 2,3,7,8-tetrachlorodibenzo-p dioxin (TCDD) on marmoset (*Callithrix jacchus*) testes.

Microheterogeneity of rat submaxillary gland kallikrein k10, a member of the kallikrein family.

Effect of metabolic inhibitors on uptake of non-transferrin-bound iron by reticulocytes.

Transport of cyclosporin A in kidney epithelial cell line (LLC-PK1).

Metabolism and toxicity of methyl iodide in primary dissociated neural cell cultures.

Cytotoxicity of alkylating agents in isolated rat kidney proximal tubular and distal tubular cells.

Characterization and induction of xenobiotic metabolizing enzyme activities in a primary culture of rainbow trout hepatocytes.

The effect of energy status on phosphatidylinositol turnover in rat brain.

2,3,7,8 Tetrachlorodibenzodioxin in fish from the Pigeon River of eastern Tennessee, USA: its toxicity and mutagenicity as revealed by the Ames Salmonella assay.

The possible role of phospholipase A2 in hepatic microsomal lipid peroxidation induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats.

Tissue-specific and organ-specific expression of soybean auxin-responsive transcripts GH3 and SAURs.

Complete amino acid sequence of the FK506 and rapamycin binding protein, FKBP, isolated from calf thymus.

Metabolism of hydroquinone by human myeloperoxidase: mechanisms of stimulation by other phenolic compounds.

Characteristics of estrogen-induced peroxidase in mouse uterine luminal fluid.

Biochemical alterations in skeletal muscle induced by 2,4-dichlorophenoxyacetic butyl ester during chick embryonic development.

NADPH-dependent reaction of paraquat in mouse brain microsomes.

[Cytogenetic activity of the pesticides cyclophos and alvison, their components and metabolites].

Chronic effect of atrazine on hydromineral balance in the crab.

Acute toxicity of the natural algicide, cyanobacterin, to *Daphnia magna*.

Propanil-induced methemoglobinemia and hemoglobin binding in the rat.

Interactions between paraquat, endogenous lung amines' antioxidants and isolated mouse Clara cells.

[An immunological and morphological study of focal staphylococcal infection against a background of long-term exposure to the herbicide linuron].

The effect of pentachlorophenol and its metabolite tetrachlorohydroquinone on cell growth and the induction of DNA damage in Chinese hamster ovary cells.

HPLC analysis of diuron and metabolites in blood and urine.

[The immunomorphological characteristics of prolonged exposure to the herbicide linuron].

[Free amino acids of the liver and the characteristics of the amino acid metabolism in the liver and brain after cyanamide administration to rats].

Toxicokinetics of monochloroacetic acid: a whole-body autoradiography study.

[Free radicals in industrial medicine: their mechanisms of toxicity and biological relevance].

[Functional testing of the immunotoxicity of the phenoxyalkane acid mecoprop in rats and prevention of immunotoxic effects by adrenalectomy].

Overexpression of Cu-Zn superoxide dismutase in *Drosophila* does not affect life-span.

Inhibition of rat heart mitochondrial electron transport in vitro: implications for the cardiotoxic action of allylamine or its primary metabolite, acrolein.

The protective effect of sulfite on menadione- and diquat-induced cytotoxicity in isolated rat hepatocytes.

Degradation of the chlorinated phenoxyacetate herbicides 2,4-dichlorophenoxyacetic acid and 2,4,5-trichlorophenoxyacetic acid by pure and mixed bacterial cultures.

Irreversible binding and toxicity of the herbicide dichlobenil (2,6-dichlorobenzonitrile) in the olfactory mucosa of mice.

Xanthine oxidase is increased and contributes to paraquat-induced acute lung injury.

Metabolism of the arylamide herbicide propanil. I. Microsomal metabolism and in vitro methemoglobinemia.

Metabolism of the arylamide herbicide propanil. II. Effects of propanil and its derivatives on hepatic microsomal drug-metabolizing enzymes in the rat.

Involvement of prostaglandins in paraquat intoxication.

Initial accumulation of paraquat in the heart leading to acute death.

Effects of diuron and fluometuron metabolites on the growth and fiber quality of cotton (*Gossypium hirsutum*).

Application of the Microtox system to assess the toxicity of pesticides and their hydrolysis metabolites.

Electroencephalographical analysis of acute paraquat poisoning.

Paraquat pharmacokinetics using a subcutaneous toxic low dose in the rat.

Biomonitoring of arylamines: hemoglobin adducts of urea and carbamate pesticides.

Metabolism and bacterial mutagenicity of binary mixtures of benzo(a)pyrene and polychlorinated aromatic hydrocarbons.

[Distribution and elimination of C-14-2,4-dichlorophenoxyacetic acid (2,4 D) in rat tissues in acute poisoning].

Biological valuation of extra-corporeal techniques in acute poisoning.

Inhibition of lung damage caused by paraquat with lymphokines or cytokines.

Pharmacokinetics of 2,4,5-T in mice as a function of dose and gestational status.

The effects of lindane and linuron on calcium metabolism, bone morphometry and the kidney in rats.

Iron release and erythrocyte damage in allyl alcohol intoxication in mice.

Effect of beta-naphthoflavone and MCPA on liver and kidney drug-metabolizing enzymes from the carp, *Cyprinus carpio*.

Energetic metabolism and fatigability in experimental myotonia.

Xanthine oxidase-derived H₂O₂ contributes to reperfusion injury of ischemic skeletal muscle.

Methanol metabolism in acatalasemic mice.

Alterations of arachidonate metabolism in cardiovascular system by cigarette smoking.

NADPH- and NADH-dependent oxygen radical generation by rat liver nuclei in the presence of redox cycling agents and iron.

Simultaneous assay of pentachlorophenol and its metabolite, tetrachlorohydroquinone, by gas chromatography without derivatization.

Active immunization of beef heifers against luteinizing hormone: II. Evaluation of conjugation technique on antigenicity of LH.

Human phagocytic cells as oxygen metabolite scavengers.

Sulfation-dependent formation of N-acetylated and deacetylated DNA adducts of N-hydroxy-4-acetylamino-biphenyl in male rat liver in vivo and in isolated hepatocytes.

A novel metabolic form of the 32 kDa-D1 protein in the grana-localized reaction center of photosystem II.

Mechanisms of in vitro immunosuppression by hepatocyte-generated cyclophosphamide metabolites and 4-hydroperoxycyclophosphamide.

Molecular mechanisms of DNA damage initiated by alpha, beta-unsaturated carbonyl compounds as criteria for genotoxicity and mutagenicity.

Redox cycling of radical anion metabolites of toxic chemicals and drugs and the Marcus theory of electron transfer.

Comparison of uncoupling activities of chlorophenoxy herbicides in rat liver mitochondria.

Metabolic studies on pentachlorophenol (PCP) in rats.

Pharmacokinetics and metabolism of triclopyr 3,5,6-trichloro-2-pyridinyloxyacetic acid) in Fischer 344 rats.

Simplified cleanup and liquid chromatographic ultraviolet determination of linuron and three metabolites in potatoes.

Differences in endothelium-dependent cerebral dilation by bradykinin and acetylcholine.

Effects of sulfur-containing metabolites of hexachlorobenzene on the heme metabolic enzymes in rat liver.

Metabolism of the glutathione conjugate of propachlor by in situ perfused kidneys and livers of rats.

Effects of dose, age, inhibition of metabolism and elimination on the toxicokinetics of 2-butoxyethanol and its metabolites.

Gas chromatographic and spectral properties of pentafluorobenzyl derivatives of 2,4-dichlorophenoxyacetic acid and phenolic pesticides and metabolites.

Formation of the 37-kD protein-acetaldehyde adduct in primary cultured rat hepatocytes exposed to alcohol.

Inactivation of the genotoxic aldehyde acrolein by human glutathione transferases of classes alpha, mu, and pi.

Low external pH replaces 2,4-D in maintaining and multiplying 2,4-D-initiated embryogenic cells of carrot.

³²P-postlabeling analysis of binding of the cyclophosphamide metabolite, acrolein, to DNA.

Evaluation of genotoxic effects of the herbicide dicamba using in vivo and in vitro test systems.

Aminotriazole effects on lung and heart H₂O₂ detoxifying enzymes and TBA-RS at two pO₂.

Environmental actions of agrochemicals. 1. Side-effects of the herbicide 3-amino-1,2,4-triazole on a laboratory acarine/host-plant interaction (*Tetranychus urticae*/*Phaseolus vulgaris*) as revealed by electron microscopy.

Role of xanthine oxidase in ethanol-induced lipid peroxidation in rats.

Influence of aging on ethanol and acetaldehyde oxidation in female rat liver.

Metabolism of chlorpropham by adult rat hepatocytes co-cultured with a liver epithelial cell line.

Rhythmic responses to hormones and herbicides in plants.

Dose-related induction of rat hepatic drug-metabolizing enzymes by diuron and chlorotoluron, two substituted phenylurea herbicides.

A role for a new vascular enzyme in the metabolism of xenobiotic amines.

Accumulation and metabolism of 2,4,6-trichlorophenyl-4'-aminophenyl ether by carp.

Correlation between acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and total body fat content in mammals.

Reactive oxygen metabolites in endotoxin-induced acute renal failure in rats.

Hydrogen peroxide-induced alterations in prostaglandin secretion in the rat colon in vitro.

A critical review of the developmental toxicity and teratogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: recent advances toward understanding the mechanism.

Arachidonic acid metabolism by dioxin-induced cytochrome P-450: a new hypothesis on the role of P-450 in dioxin toxicity.

Heat induces intracellular acidification in human A-431 cells: role of Na(+)-H+ exchange and metabolism.

End-tidal CO₂, CO₂ production, and O₂ consumption as early indicators of approaching hyperthermia.

[Microbial secondary metabolites inhibiting oncogene actions].

Human HLA-DR beta gene hypervariable region homology in the biobreeding BB rat: selection of the diabetic-resistant subline as a rheumatoid arthritis research tool to characterize the immunopathologic response to human type II collagen.

Remarkable residual alterations in responses to feeding regulatory challenges in Han/Wistar rats after recovery from the acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Poppy tea drinking in East Anglia.

Inhibition of testicular steroidogenesis in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats: evidence that the key lesion occurs prior to or during pregnenolone formation.

Thermogenesis and thermoregulatory function of iron-deficient women without anemia.

Regulation of polyamine biosynthesis by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Differences in the modulation of P450IA1 and epoxide hydratase expression by benz[a]anthracene and 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse embryo versus mouse hepatoma-derived cell lines.

Regulation of integrin mobility and cytoskeletal association in normal and RSV-transformed chick embryo fibroblasts.

Potassium accumulation in the globally ischemic mammalian heart. A role for the ATP-sensitive potassium channel.

Human immunodeficiency virus I-induced expression of P-glycoprotein.

[Excretion of phenol and p-cresol in the urine in fasting obese individuals and in persons treated with total enteral nutrition].

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes an extensive alteration of 17 beta-estradiol metabolism in MCF-7 breast tumor cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-induced decrease in the fluidity of rat liver membranes.

Oxidative injury mediated by the hepatic cytochrome P-450 system in conjunction with cellular iron. Effects on the pathway of haem biosynthesis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin enhances responsiveness to post-ingestive satiety signals.

Xenobiotic-inducible expression of murine glutathione S-transferase Ya subunit gene is controlled by an electrophile-responsive element.

G protein gamma subunits contain a 20-carbon isoprenoid.

Effect of rhein on the glucose metabolism of Ehrlich ascites tumor cells.

Processing of the lipid-mobilizing peptide beta-lipotropin in rabbit adipose tissue.

Analysis of photoaffinity-labeled aryl hydrocarbon receptor heterogeneity by two-dimensional gel electrophoresis.

Intraabdominal sepsis: effects on polymorphonuclear leukocyte Fc receptor-mediated phagocytosis.

Stable expression of mouse Cyp1a1 and human CYP1A2 cDNAs transfected into mouse hepatoma cells lacking detectable P450 enzyme activity.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds on the occupied nuclear estrogen receptor in MCF-7 human breast cancer cells.

[Therapeutic effect of antioxidant dibunol in experimental alcoholic cardiomyopathy].

Mechanism of the toxicity of 2,3,7,8-TCDD.

Isoproterenol-induced maximal heart rate in normothermic and hyperthermic horses.

Identification of 2-(2'-octenyl) succinic acid in urine.

[Effect of monoamine neurotransmitters in the hypothalamus in a cortisol-induced rat model of yang-deficiency].

Induction of DNA damage by dimethylarsine, a metabolite of inorganic arsenics, is for the major part likely due to its peroxy radical.

Hormone-dependent phosphorylation of the glucocorticoid receptor occurs mainly in the amino-terminal transactivation domain.

Decreased survival rate of pancreatic acinar cells isolated from rats with acute pancreatitis.

Desferrioxamine-induced alterations in hepatic iron distribution, DNA damage and lipid peroxidation in control and 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

Relative teratogenicity of nitrofen analogs in mice: unchlorinated, monochlorinated, and dichlorinated-phenyl ethers.

Role of the Ah locus in suppression of cytotoxic T lymphocyte activity by halogenated aromatic hydrocarbons (PCBs and TCDD): structure-activity relationships and effects in C57Bl/6 mice congenic at the Ah locus.

A 42-kD tyrosine kinase substrate linked to chromaffin cell secretion exhibits an associated MAP kinase activity and is highly related to a 42-kD mitogen-stimulated protein in fibroblasts.

Synthesis of human splenin (hSP) and examination of its immunological effects on the impaired T- and B-lymphocytes in uremic patients.

Ethylene dichloride: the influence of disulfiram or ethanol on oncogenicity, metabolism, and DNA covalent binding in rats.

Tissue distribution, metabolism, and excretion of 14C-TCDD in a TCDD-susceptible and a TCDD-resistant rat strain.

Ibuprofen, a putative anti-cataract drug, protects the lens against cyanate and galactose.

Relative toxicity and tumor-promoting ability of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), 2,3,4,7,8-pentachlorodibenzofuran (PCDF), and 1,2,3,4,7,8-hexachlorodibenzofuran (HCDF) in hairless mice.

Airway opioid receptors mediate inhibition of cough and reflex bronchoconstriction in guinea pigs.

Characterization of the Ah receptor mediating aryl hydrocarbon hydroxylase induction in the human liver cell line Hep G2.

The role of pituitary beta-endorphin in mediating corticotropin-releasing factor-induced antinociception.

Altered collagen metabolism in osteogenesis imperfecta fibroblasts: a study on 33 patients with diverse forms.

Changes in the composition and metabolism of arterial collagens during the development of pulmonary hypertension in rabbits.

Heat shock and arsenite increase expression of the multidrug resistance (MDR1) gene in human renal carcinoma cells.

Urinary levels of proteins and metabolites in workers exposed to toluene. A cross-sectional study.

The effects of TCDD on receptors for epidermal growth factor, glucocorticoid, and estrogen in Ah-responsive and -nonresponsive congenic mice and the effects of TCDD on estradiol metabolism in a liver tumor promotion model in female rats.

The specific DNA binding activity of the dioxin receptor is modulated by the 90 kd heat shock protein.

Inhibition of lipoxygenase of rat dental pulp and human platelets by phenolic dental medicaments.

Marfan syndrome: absence of type I or III collagen structural defects in 25 patients.

Role of hypergastrinemia in the antiatropy effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on oxyntic gland mucosa of the rat stomach.

Cytotoxicity of lymphokine-activated killer cells against human neuroblastoma cells: modulation by neuroblast differentiation.

A new perspective of S-antigen from immunochemical analysis.

Absorption, distribution, excretion and metabolism of a single oral dose of [¹⁴C]tri-o-cresyl phosphate (TOCP) in the male rat.

A complex effect of arsenite on the formation of alpha-ketoglutarate in rat liver mitochondria.

Use of fetal mouse salivary glands in culture to detect embryotoxicity: evaluation of eight additional chemicals.

Effects of glutathione depletion on the acute nephrotoxic potential of arsenite and on arsenic metabolism in hamsters.

Mitochondrial respiratory inhibition by N-methylated beta-carboline derivatives structurally resembling N-methyl-4-phenylpyridine.

Influence of SK&F 95587 and BN 50730 on bronchoconstrictor responses in the cat.

Mechanism of L-alpha-methyldopa transport through a monolayer of polarized human intestinal epithelial cells (Caco-2).

Memory consolidation of weak training experiences by hormonal treatments.

Metabolism of exogenous substrates by coronary endothelial cells in culture.

The antigenic structure of the human glycoprotein hormone alpha-subunit: II. Cross-species comparisons.

Induction of drug-metabolizing enzymes by xenobiotics.

Cloning of the E. coli O-acetylserine sulfhydrylase gene: ability of the clone to produce a mutagenic product from azide and O-acetylserine.

The contribution of N-oxidation to the metabolism of the food-borne carcinogen 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline in rat hepatocytes.

[Effect of inflammatory mediators on respiration in rat liver mitochondria].

Metabolism and covalent binding of [¹⁴C]toluene by human and rat liver microsomal fractions and liver slices.

Abscisic acid and osmoticum prevent germination of developing alfalfa embryos, but only osmoticum maintains the synthesis of developmental proteins.

Prothymocyte activity is reduced by perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Characterization of the interaction of parathyroid hormone with the mitochondrial ATPase.

Processing of thyrotropin-releasing hormone (TRH) prohormone in the rat olfactory bulb generates novel TRH-related peptides.

Mechanisms of cyclophosphamide action on hepatic P-450 expression.

Uptake of the cephalosporin, cephalexin, by a dipeptide transport carrier in the human intestinal cell line, Caco-2.

Changes in rat brain monoamines, monoamine metabolites and histamine after a single administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Consideration of both genotoxic and nongenotoxic mechanisms in predicting carcinogenic potential.

S-oxygenation of thiobencarb (Bolero) in hepatic preparations from striped bass (*Morone saxatilis*) and mammalian systems.

Interaction of Mesna (2-mercaptoethane sulfonate) with the mutagenicity of cyclophosphamide in vitro and in vivo.

[The effects of metabolic inhibitors on the excitability of the cells in embryonic epidermis of *Cynops orientalis*].

Energy dependence of cytosolic enzyme efflux from rat skeletal muscle.

Branched Chain Amino Acid Metabolism in the Biosynthesis of *Lycopodium pennellii* Glucose Esters.

delta-Aminolevulinic acid dehydratase in rat liver: studies on the effects of ethanol, acetaldehyde, and B6 vitamers.

2-Nitrofluorene metabolism in the rat lung. Pharmacokinetic and metabolic effects of beta-naphthoflavone treatment.

Synthesis and preliminary evaluation of carbon-11-meta-hydroxyephedrine: a false transmitter agent for heart neuronal imaging.

Energy dependence of sodium-calcium exchange in vascular smooth muscle cells.

Comparison of the intoxication pathways of tumor necrosis factor and diphtheria toxin.

Cellular responses to oxidative stress: the [Ah] gene battery as a paradigm.

Evidence for the absence of cysteine S-conjugate N-acetyltransferase activity in the metabolism of propachlor, naphthalene, and dichlobanil in calves.

Binding of aromatic amines to the rat hepatic Ah receptor in vitro and in vivo and to the 8S and 4S estrogen receptor of rat uterus and rat liver.

Altered regulation of pituitary gonadotropin-releasing hormone (GnRH) receptor number and pituitary responsiveness to GnRH in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated male rats.

[Ifosfamide-induced urinary bladder lesion and its inhibition by mesna].

Flow cytometric analysis of lymphocyte subpopulations in the spleen and thymus of mice exposed to an acute immunosuppressive dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Structure and partial amino acid sequence of calf thymus DNA topoisomerase II: comparison with other type II enzymes.

Contact site between inner and outer mitochondrial membrane: a dynamic microcompartment for creatine kinase activity.

Ferrous sulfate combined with ascorbic acid does not significantly reduce acetaldehyde accumulation in the blood of alcoholized rats treated with disulfiram or betalactam antibiotics.

Inorganic arsenic methylation by rat tissue slices.

Oxygen uptake and mean blood pressure as indicators of induced hyperthermia.

Age-related changes in dermal absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,4,7,8-pentachlorodibenzofuran.

Halothane impairs the bioenergetic functions of isolated rat liver mitochondria.

The role of cytochromes P-450 and flavin-containing monooxygenase in the metabolism of (S)-nicotine by rabbit lung.

Metabolism-based covalent bonding of the heme prosthetic group to its apoprotein during the reductive debromination of BrCCl₃ by myoglobin.

Complete amino acid sequence of tenebrosin-C, a cardiac stimulatory and haemolytic protein from the sea anemone *Actinia tenebrosa*.

2,3,7,8-tetrachlorodibenzo-p-dioxin increases the potency of androgens and estrogens as feedback inhibitors of luteinizing hormone secretion in male rats.

Sequence analysis, tissue distribution and regulation by cell depolarization, and second messengers of bovine secretogranin II (chromogranin C) mRNA.

Uptake and phytotoxicity of the herbicide metsulfuron methyl in corn root tissue in the presence of the safener 1,8-naphthalic anhydride.

Primary structure of bovine adrenal phenylethanolamine N-methyltransferase.

Involvement of cytochrome P-450c in alpha-naphthoflavone metabolism by rat liver microsomes.

³¹P NMR studies of ATP concentrations and Pi-ATP exchange in the rat kidney in vivo: effects of inhibiting and stimulating renal metabolism.

Intracellular accumulation of azithromycin by cultured human fibroblasts.

Influence of antibiotics on intestinal tract survival and translocation of environmental *Pseudomonas* species.

Characteristics of histamine release from rat mast cells induced by a bracken toxin, braxin A1.

Interrelation between nucleotide degradation and aldehyde formation in red blood cells. Influence of xanthine oxidase on metabolism: an application of nucleotide and aldehyde analyses by high-performance liquid chromatography.

[Spectroscopic properties of the partial beta-agonist doxaminol (BM 10.188) and its metabolites].

Metabolism of metolachlor by a microsomal fraction isolated from grain sorghum (*Sorghum bicolor*) shoots.

Choline uptake by cerebral capillary endothelial cells in culture.

Age-related DNA modifications (I-compounds): modulation by physiological and pathological processes.

[Arachidonic acid-induced aggregation of human peripheral blood neutrophils in the presence of interceptors of active forms of oxygen].

Metabolism of alachlor by rat and mouse liver and nasal turbinate tissues.

Isolation of viable intestinal epithelial cells and their use for in vitro toxicity studies.

Identification of the binding sites of benzyl penicilloyl, the allergenic metabolite of penicillin, on the serum albumin molecule.

Determination of [³H]-2,3,7,8-tetrachlorodibenzo-p-dioxin in human feces to ascertain its relative metabolism in man.

Selective affinity labeling of a 27-kDa integral membrane protein in rat liver and kidney with N-bromoacetyl derivatives of L-thyroxine and 3,5,3'-triiodo-L-thyronine.

Adrenal-dependent leucopenia after short-term exposure to various airborne irritants in rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin pretreatment of female mice altered tissue distribution but not hepatic metabolism of a subsequent dose.

Vectorial secretion of prostaglandins by polarized rodent uterine epithelial cells.

Subunit characterization and primary structure of bovine adrenal medullary dopamine beta-hydroxylase.

Uptake and metabolism of clomazone in tolerant-soybean and susceptible-cotton photomixotrophic cell suspension cultures.

NTP Toxicology and Carcinogenesis Studies of Iodinated Glycerol (Organidin(R).) (CAS No. 5634-39-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Thionamides and arsenite inhibit specific T3 binding to the hepatic nuclear receptor.

The induction of alkoxyresorufin metabolism: a potential indicator of environmental contamination.

Use of fragments of hirudin to investigate thrombin-hirudin interaction.

Impairment of prothymocyte activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

CO(2) Incorporation and 4-Hydroxy-2-Methylbenzoic Acid Formation during Anaerobic Metabolism of m-Cresol by a Methanogenic Consortium.

Glucocorticoid receptor binding to calf thymus DNA. 2. Role of a DNA-binding activity factor in receptor heterogeneity and a multistep mechanism of receptor activation.

Measurements of viability suitable for plant tissue cultures.

Glutathione conjugation and cytochrome P-450 metabolism of methyl chloride in vitro.

Reactive metabolite formation catalysed by cytochrome P-450j.

Specific teratogenic action of 2,4,5-trichlorophenoxyacetic acid on mouse and rat whole-embryo cultures.

Preservatives in insulin preparations impair leukocyte function. In vitro study.

Interaction of chlorinated phenols with thyroxine binding sites of human transthyretin, albumin and thyroid binding globulin.

Studies on the pharmacokinetics and mutagenic potential of rhodamine B.

Sodium-azide-evoked noradrenaline release from peripheral nerves of rabbit pulmonary artery.

A comparative investigation of the metabolism of methyl bromide and methyl iodide in human erythrocytes.

Effects of perfluoro-n-decanoic acid on the respiratory activity of isolated rat liver mitochondria.

Metabolic inhibitors reversibly alter the basal membrane potential of the gecko retinal pigment epithelium.

Effect of PO₂ and metabolic inhibitors on ionic fluxes across the isolated rabbit corneal endothelium.

Agrobacterium in plant disease, biological disease control and plant genetic engineering.

[Mutagen activity of barium chloride in Salmonella typhimurium].

Metabolism and pulmonary toxicity of cyclophosphamide.

The ostrich pituitary contains a major peptide homologous to mammalian chromogranin A(1-76).

DNA cleavage by phenylhydroquinone: the major metabolite of a fungicide o-phenylphenol.

Hepatotoxin-induced hypertaurinuria: a proton NMR study.

Possible roles of free radicals in alcoholic tissue damage.

The role of hydroxyl radicals in tetrachlorohydroquinone induced DNA strand break formation in PM2 DNA and human fibroblasts.

Transcriptional regulation of 3-methylcholanthrene-inducible P-450 gene responsible for metabolic activation of aromatic carcinogenes.

Differences in time course of hepatocyte and pancreocyte damage after incubation with trypsin, chymotrypsin and 2,4-dinitrophenol.

Disposition, elimination, and metabolism of tri-o-cresyl phosphate following daily oral administration in Fischer 344 male rats.

Metabolism of chloronitrobenzenes by isolated rat hepatocytes.

Genotoxicity assessment of atrazine and some major metabolites in the Ames test.

Inhibitory effect of paraquat on biotransformation of halothane in rabbit liver microsomes.

Cadmium-induced alterations of chlorpropham metabolism in isolated rat hepatocytes.

Diquat hepatotoxicity in the Fischer-344 rat: the role of covalent binding to tissue proteins and lipids.

Paraquat resistance associated with reduced NADPH reductase in an energy-dependent paraquat-accumulating cell line.

[The mutagenicity of organic microcontamination in the environment. III. The mutagenicity of selected herbicides and insecticides in the SOS chromotest].

Calcium carbimide in alcoholism treatment. Part 2: Medical findings of a short-term, placebo-controlled, double-blind clinical trial.

Mutagenicity of dimethylated metabolites of inorganic arsenics.

[Structural changes in the rat cerebral cortex induced by alcohol in combination with aldehyde dehydrogenase inhibitors].

Effects of phosphoramidate mustard and acrolein, cytotoxic metabolites of cyclophosphamide, on mouse limb development in vitro.

DNA strand breaks in mammalian tissues induced by methylarsenics.

Comparative toxicity of allylamine and acrolein in cultured myocytes and fibroblasts from neonatal rat heart.

[Cytogenetic activity of the butylcaptax defoliant transformation product].

[Pathomorphologic and hematologic studies of the immunotoxicity of the phenoxyalkane acid mecoprop in rats].

[Anabolic effects of sodium selenite, vitamin E and retabolil in experimental hypotrophy induced by a pesticide].

Null mutation of copper/zinc superoxide dismutase in *Drosophila* confers hypersensitivity to paraquat and reduced longevity.

The effects of 24% paraquat (1,1'-dimethyl-4,4'-bipyridylium dichloride) on hemodynamics, blood gases, plasma lactate and plasma catecholamines in dogs.

Rat urinary bladder epithelial lesions induced by acrolein.

Free radical effects on lung metabolism.

[Paraquat poisoning: clinical and anatomopathologic aspects in 3 cases].

Effect of paraquat administered intraperitoneally on the nonpolar lipids of rabbits.

[The effects of 1-methyl-4-phenylpyridine (MPP+) on O₂- generation by neutrophils].

[Practical experiences in animal experimental studies with 3(3)-BN-research plans].

The ratio of oxidized/reduced glutathione as an index of oxidative stress in various experimental models of shock syndrome.

Changes in the morphological status of some internal organs in animals exposed to the action of chemicals.

Effects of 2,4-dichlorophenoxyacetic acid (2,4-D) on biogenic amines and their acidic metabolites in brain and cerebrospinal fluid of rats.

The role of peroxisomal fatty acyl-CoA beta-oxidation in bile acid biosynthesis.

The relation between the oxidative biotransformation of hexachlorobenzene and its porphyrinogenic activity.

Effects of cholesterol feeding on the distribution, metabolism, and accumulation of pentachlorobenzene in rats.

Brain biogenic amine levels after methanol administration: possible mechanism of action on central monoaminergic neurons in discrete areas of brain in Wistar rat.

The coincidence of myocardial reperfusion injury and hydrogen peroxide production in the isolated rat heart.

Experimental pulmonary fibrosis induced by paraquat plus oxygen in rats: a morphologic and biochemical sequential study.

Negative correlation of cigarette smoking and dysmenorrhea: reduced prostaglandin synthesis due to beta-endorphin, nicotine, or acrolein antagonism.

Bronchial responsiveness and inflammation in guinea pigs exposed to acrolein.

Inhibition of brain dopa-decarboxylase by RO 4-4602 infused ICV blocks alcohol drinking induced in rats by cyanamide.

Stereoselective sulfation of R,S-4'-hydroxypropranolol by canine hepatic cytosol and partially purified phenolsulfotransferases.

The metabolism of sulfite in liver. Stimulation of sulfate conjugation and effects on paracetamol and allyl alcohol toxicity.

Allyl alcohol- and acrolein-induced toxicity in isolated rat hepatocytes.

The role of sulfation in the metabolic activation of N-hydroxy-4'-fluoro-4-acetylamino-biphenyl.

Metabolism of triiodothyronine in rat hepatocytes.

Growth effects, uptake and metabolism of trifluralin in tissue cultures.

Atrazine biodegradation in rats--a model for mammalian metabolism.

Testosterone metabolism in neuroendocrine organs in male rats under atrazine and deethylatrazine influence.

Inactivation of low-K_m rat liver mitochondrial aldehyde dehydrogenase by cyanamide in vitro. A catalase-mediated reaction.

[The reaction of the endocrine cells of the gastrointestinal tract in response to exposure to 3,6-dichloropicolinic acid].

Detection of free radicals as a consequence of dog tracheal epithelial cellular xenobiotic metabolism.

Liquid chromatographic method for quantitation of glyphosate and metabolite residues in organic and mineral soils, stream sediments, and hardwood foliage.

N-methylation as a toxication route for xenobiotics. II. In vivo formation of N,N'-dimethyl-4,4'-bipyridyl ion (paraquat) from 4,4'-bipyridyl in the guinea pig.

Methoxyflurane enhances allyl alcohol hepatotoxicity in rats. Possible involvement of increased acrolein formation.

Suicide inactivation of lactoperoxidase by 3-amino-1,2,4-triazole.

Drug-induced hydrogen peroxide production in isolated rat hepatocytes.

The accumulation of cystamine and its metabolism to taurine in rat lung slices.

Changes in the inducibility of a hepatic aldehyde dehydrogenase by various effectors.

Metabolism of pentachlorophenol by fish.

[The determination of the herbicide glyphosate and its chief metabolite aminomethylphosphonic acid (AMPA) in drinking water with the aid of HPLC].

Identification of diuron and four of its metabolites in human postmortem plasma and urine by LC/MS with a moving-belt interface.

Influence of hydrogen peroxide on adenine uptake by iris, ciliary epithelium and corneal endothelium.

Comparative effects of pair-feeding and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on various biochemical parameters in female rats.

Changes in the cross-linking of collagen from rat tail tendons due to diabetes.

The adrenocorticotrophic hormone (ACTH)-induced reversal of hemorrhagic shock.

2,3,7,8-tetrachlorodibenzo-p-dioxin-induced porphyria cutanea tarda among pediatric patients.

Epidermal damage induced by irritants in man: a light and electron microscopic study.

Acute toxicity of perfluorodecanoic acid in C57BL/6 mice differs from 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Biological monitoring of arsenic exposure of gallium arsenide- and inorganic arsenic-exposed workers by determination of inorganic arsenic and its metabolites in urine and hair.

Medical monitoring of dioxin clean-up workers.

Protein kinase-C-induced down-regulation of calcitonin receptors and calcitonin-activated adenylate cyclase in T47D and BEN cells.

Effects of the beta-isomer of hexachlorocyclohexane on estrogen-sensitive human mammary tumor cells.

Identification of T cell recognition sites in S-antigen: dissociation of proliferative and pathogenic sites.

Effect of tetrachlorodibenzo-p-dioxin (TCDD) on the glucuronidation of retinoic acid in the rat.

Cytosolic thyroid hormone-binding protein is a monomer of pyruvate kinase.

Albumin decreases hydrogen peroxide and reperfusion injury in isolated rat hearts.

Mitochondrial myopathies: morphological and biochemical studies in human muscle cultures.

Purification and characterization of recombinant human parathyroid hormone-related protein.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced porphyria in genetically inbred mice: partial antagonism and mechanistic studies.

Hexose transport in human myoblasts.

Hemodynamic effects of experimental iron poisoning.

Effect of galactose on interaction of N-(2-hydroxypropyl)methacrylamide copolymers with hepatoma cells in culture: preliminary application to an anticancer agent, daunomycin.

Regional hemodynamic responses to hypoxia and hypermetabolism in polycythemic dogs.

Neoplastic transformation of BALB/3T3 cells by metals and the quest for induction of a metastatic phenotype.

Tumor cell permeability to peplomycin.

Subunit structure of the erythropoietin receptor.

³¹P and ¹³C NMR studies of isolated perfused hematopoietic cells from leukemic mice.

Regulation of mouse CYP1A1 gene expression by dioxin: requirement of two cis-acting elements during induction.

Control of glycogen synthase and phosphorylase in hepatocytes from diabetic rats. Effects of glucagon, vasopressin, and vanadate.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) kills glucocorticoid-sensitive thymocytes in vivo.

Target tissue morphology and serum biochemistry following 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure in a TCDD-susceptible and a TCDD-resistant rat strain.

Chronic arsenicism with vitiligo, hyperthyroidism, and cancer.

Effects of trypsin, chymotrypsin, and uncoupling on survival of isolated acinar cells from rat pancreas.

A critical view of the mechanism(s) of toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin. Implications for human safety assessment.

A case-control study of multiple myeloma nested in the American Cancer Society prospective study.

The anti-inflammatory effects of phenolic dental medicaments as determined by mouse ear edema assay.

Mode of metabolism is altered in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treated rats.

Mast cell chymase. A potent secretagogue for airway gland serous cells.

Separation methods for the study of collagen and treatment of collagen disorders.

Purification and characterization of the 180-kDa membrane guanylate cyclase containing atrial natriuretic factor receptor from rat adrenal gland and its regulation by protein kinase C.

A survey of the concentration of 19-OH F1 alpha/F2 alpha prostaglandins in the semen of fertile, infertile and vasectomized men and their stability in both liquid semen and semen stains.

Reversible downregulation of thiazide diuretic receptors by acute renal ischemia.

Synthesis of [Glu34]human splenin (hSP) and examination of its immunological effect on the reduced B-lymphocytes of uremic patients.

Immunotoxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in a complex environmental mixture from the Love Canal.

Involvement of ventral medullary surface in respiratory responses induced by 2,4-dinitrophenol.

Carriage of *Staphylococcus aureus* and inflamed infusion sites with insulin-pump therapy.

Loss of a calcium requirement for protein synthesis in pituitary cells following thermal or chemical stress.

Serum-free culture of insulin-secreting clonal cells from a hamster insulinoma.

Lymphocyte stem cell alterations following perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of commercial chlorophenolate, 2,3,7,8-TCDD, and pure phenoxyacetic acids on hepatic peroxisome proliferation, xenobiotic metabolism and sister chromatid exchange in the rat.

Immuno-toxicology and -pharmacology.

Three models of free radical-induced cell injury.

Atrial natriuretic peptide and sodium azide dependent guanylate cyclase activities in placentas from normal and severely toxemic patients.

Differential effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on adipose tissue lipoprotein lipase activity in the guinea pig, rat, hamster, rabbit, and mink.

Immunopharmacological studies on *Picrorhiza kurroa* Royle-ex-Benth. Part IV: Cellular mechanisms of anti-inflammatory action.

The effect of oxidants on biomembranes and cellular metabolism.

Myoinositol inhibits proliferation of cultured Schwann cells: evidence for neurotoxicity of myoinositol.

Relation between cytochrome P450IA1 expression and estrogen receptor content of human breast cancer cells.

Cellular metabolism of arsenic studied in mammalian cells in vitro.

Effect of DNOC, Ferbam and Imidan exposure on mouse sperm morphology.

Dimethylated arsenics induce DNA strand breaks in lung via the production of active oxygen in mice.

Biphasic response for hepatic microsomal enzyme induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57BL/6J and DBA/2J mice.

Bacterial metabolism of 2,6-xyleneol.

Primary structure of a ribonuclease from bullfrog (*Rana catesbeiana*) liver.

Effect of dietary lipids and vitamin E on in vitro lipid peroxidation in rat liver and kidney homogenates.

Modification of leucine transport across bovine pigment epithelium by metabolic stress.

Involvement of reactive oxygen metabolites in the candidacidal activity of human neutrophils stimulated by muramyl dipeptide or tumor necrosis factor.

Marked alterations in retinoid homeostasis of Sprague-Dawley rats induced by a single i.p. dose of 10 micrograms/kg of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Selective mouse breeding for short ethanol sleep time has led to high levels of hepatic aromatic hydrocarbon (Ah) receptor.

A dense core vesicle protein is restricted to the cortex of granules in the exocrine atrial gland of *Aplysia californica*.

Metabolism of the glutathione-acrolein adduct, S-(2-aldehyde-ethyl)glutathione, by rat liver alcohol and aldehyde dehydrogenase.

Uncoupler resistance in *Escherichia coli*: the role of cellular respiration.

Plasma concentrations of pituitary hormones in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated male rats.

Decreased activation of carcinogens in the liver of carcinogen-resistant rats.

The metabolism of pentachlorobenzene by rat liver microsomes: the nature of the reactive intermediates formed.

Sulphotransferase-mediated activation of the carcinogen 5-hydroxymethyl-chrysene. Species and sex differences in tissue distribution of the enzyme activity and a possible participation of hydroxysteroid sulphotransferases.

Prolonged aerobic exercise: physiological studies in rat gastrocnemius with additional observations on the effects of acute mitochondrial blockade.

Effects of the new nitrosourea derivative, fotemustine, on the glutathione reductase activity in rat tissues in vivo and in isolated rat hepatocytes.

Ah receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver: lack of sensitivity to alkaline phosphatase when compared with that of glucocorticoid receptor.

Methods of microphotometric assay of succinate dehydrogenase and cytochrome c oxidase activities for use on human skeletal muscle.

A rapid response to a plant hormone: auxin stimulates phospholipase A2 in vivo and in vitro.

[Urinary bioavailability of sodium-2-mercaptoethanesulfonate (Uromitexan) following intravenous, subcutaneous and continuous subcutaneous administration].

Thyroglobulin-mediated one- and two-electron oxidations of glutathione and ascorbate in thyroid peroxidase systems.

Milk fatty acid composition and plasma energy metabolite concentrations in lactating cows fed medium-chain triglycerides.

Characterization of 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated decreases in dexamethasone binding to rat hepatic cytosolic glucocorticoid receptor.

Differential metabolism of sodium azide in maize callus and germinating embryos.

4-(2-amino-1-methylimidazo[4,5-b]pyrid-6-yl)phenyl sulfate--a major metabolite of the food mutagen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in the rat.

Effects of metabolic inhibitors and incubation temperature on the saturable uptake of propranolol by isolated rat lung tissue.

Collagen metabolism in ultraviolet irradiated hairless mouse skin and its correlation to histochemical observations.

Characterization of multiple forms of the Ah receptor: comparison of species and tissues.

'Perforated patch recording' allows long-term monitoring of metabolite-induced electrical activity and voltage-dependent Ca²⁺ currents in pancreatic islet B cells.

Transport of cefodizime, a novel third generation cephalosporin antibiotic, in isolated rat choroid plexus.

Sodium arsenite induced alterations in bilirubin excretion and heme metabolism.

Aplysia californica neurons R3-R14: primary structure of the myoactive histidine-rich basic peptide and peptide I.

Multifunctional receptor model for dioxin and related compound toxic action: possible thyroid hormone-responsive effector-linked site.

Metabolism of phenol and hydroquinone to reactive products by macrophage peroxidase or purified prostaglandin H synthase.

Differential control and calcium-dependence of production of endothelium-derived relaxing factor and prostacyclin by pig aortic endothelial cells.

Metabolic activation and nucleic acid binding of acetaminophen and related arylamine substrates by the respiratory burst of human granulocytes.

Effects of pulsed electromagnetic fields on rat skin metabolism.

The effect of hypoxia and of energy depletion on 1,4-dihydropyridine binding sites in rat cardiac membrane fragments.

Urinary arsenic concentrations and speciation in Cornwall residents.

NTP Toxicology and Carcinogenesis Studies of 2,4-Dichlorophenol (CAS No. 120-83-2) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Release of a volatile factor from solutions of oxazaphosphorines which damage normal and malignant cells.

Intestinal absorption of aluminum in rats: stimulation by citric acid and inhibition by dinitrophenol.

[Effect of antibiotics on intestinal microflora and production of metabolites].

Management of acute iron overdose.

Effects of low insulin levels on rat embryonic growth and development.

Determination of the GABAergic antidepressant drug fengabine and some of its metabolites in plasma by capillary gas chromatography with electron-capture detection.

Induction of somatic embryogenesis in leaf-derived callus of *Vicia narbonensis* L.

[Application of high-pressure liquid chromatography in the analysis of urinary metabolites of aromatic solvents].

[The effect of hepatotoxins on the activity of organelle-specific enzymes and metabolism of liver lipids].

The effect of chlorinated chemicals on porphyrin metabolism--the synergistic effect with chlorinated chemicals and low concentrations of griseofulvin.

[Comparative studies of the recombinogenic action of some pesticides on yeasts in the absence and presence of metabolic activation].

Expression and characterization of erythropoietin receptors on normal human bone marrow cells.

Environmental occurrence, abundance, and potential toxicity of polychlorinated biphenyl congeners: considerations for a congener-specific analysis.

The metabolism of ethanol-derived acetaldehyde by alcohol dehydrogenase (EC 1.1.1.1) and aldehyde dehydrogenase (EC 1.2.1.3) in *Drosophila melanogaster* larvae.

Deuterium isotope effects on toluene metabolism. Product release as a rate-limiting step in cytochrome P-450 catalysis.

Phosphotryptic peptide analysis of human progesterone receptor. New phosphorylated sites formed in nuclei after hormone treatment.

Iron stimulation of free radical-mediated porphyrinogen oxidation by hepatic and renal mitochondria.

The effect of a low pH saline perfusate upon the integrity of the energy-depleted rat blood-brain barrier.

Enrichment of dibenzofuran utilizing bacteria with high co-metabolic potential towards dibenzodioxin and other anellated aromatics.

Complete amino acid sequence of chicken liver acyl carrier protein derived from the fatty acid synthase.

Sequence simplification and the intra- and intermolecular self-recognition properties of vasopressin/neurophysin biosynthetic precursor.

N-hydroxy-N-arylacetamides. V. Differences in the mechanism of haemoglobin oxidation in vitro by N-hydroxy-4-chloroacetanilide and N-hydroxy-4-chloroaniline.

Dual mechanism involved in the hydrolysis of polyphosphoinositides in rat pancreatic islets.

Synergistic toxicity between arsenic and methylated selenium compounds.

Structural characterization and localization of corticotropin-releasing factor in testis.

In vivo and in vitro studies of the hepatotoxic effects of 4-chlorophenol in mice.

Secretion by *Trypanosoma cruzi* of a hemolysin active at low pH.

Amino acid sequence of locust neuroparsins.

Sorption and metabolism of metolachlor by a bacterial community.

NTP Toxicology and Carcinogenesis Studies of Two Pentachlorophenol Technical-Grade Mixtures (CAS No. 87-86-5) in B6C3F1 Mice (Feed Studies).

Energy metabolism of monocytic Ehrlichia.

Uptake of colchicine, a microtubular system disrupting agent, by isolated rat hepatocytes.

Analysis of the hyperpolarizing effect of catecholamines on canine cardiac Purkinje fibres.

Biliary excretion of acetaminophen-glutathione as an index of toxic activation of acetaminophen: effect of chemicals that alter acetaminophen hepatotoxicity.

[Histochemical study on the mucosubstances of the calculi of the main excretory duct of the human submandibular gland].

Non-mitochondrial calcium ion regulation in rat ventricular myocytes.

Rat aglycotransferrin and human monoglycotransferrin: production and metabolic properties.

Activation of the food-derived mutagen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine by rabbit and human liver microsomes and purified forms of cytochrome P-450.

Surface tension in the developing mammal: anisotropic tension generation in the dorsal skin of the perinatal rat.

The complete amino acid sequence of growth hormone of an elasmobranch, the blue shark (*Prionace glauca*).

The complete amino acid sequence of growth hormone from the sea turtle (*Chelonia mydas*).

Construction of a secretion vector production of peptide hormones in *Escherichia coli* (extracellular production of calcitonin as fused protein).

Rat lung glucose metabolism after 24 h of exposure to 100% oxygen.

Amino-terminal sequence analysis of rat heart and muscle glycogen synthase: homology to the rabbit enzyme and the implications for hormonal control.

Inhibitory effects of mitochondrial metabolic inhibitors on interferon action.

Cholinesterase inhibition by organophosphorus and carbamate pesticides in aggregate cultures of neural cells from the foetal rat brain: The effects of metabolic activation and pesticide mixtures.

Detection of reactive metabolites in vitro.

Comparative dermal absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin and three polychlorinated dibenzofurans.

Similarities of toluene and o-cresol neuroexcitation in rats.

[Centrosome behavior in the exposure of tissue culture cells to energy metabolism inhibitors].

Short-term effects of chlorophenols on the function and viability of primary cultured rat hepatocytes.

Fatty acids are not an important fuel for coronary microvascular endothelial cells.

Effects of immunosuppressive chemicals on lymphoid development in foetal thymus organ cultures.

[Features of ultrastructural changes of tumor cells in tissue culture under the effect of energy metabolism inhibitors].

[Method for simultaneous determination of six metabolites of toluene, xylene and ethylbenzene, and its application to exposure monitoring of workers in a printing factory with gravure machines].

Ostrich MSEL-neurophysin belongs to the class of two-domain "big" neurophysin as indicated by complete amino acid sequence of the neurophysin/copeptin.

Characteristics of the gastrointestinal absorption of morphine in rats.

Embryotoxicity of phenyl ketone analogs of cyclophosphamide.

Metabolism of transplacental carcinogens.

New perspectives in catalase-dependent ethanol metabolism.

Effect of quinidine on the hepatic uptake of digoxin in guinea pigs.

[Effect of amines on insulin-stimulated processes: the transport of sugars and synthesis of glycogen in frog sartorius muscles].

Influence of aging on chemically induced hepatotoxicity: role of age-related changes in metabolism.

Improved procedures for pineal gland fixation for electron microscopy.

Genotoxicity of azidoalanine in mammalian cells.

Steroid and xenobiotic effects on the adrenal cortex: mediation by oxidative and other mechanisms.

Human urinary prokallikrein--structural analysis on activation mechanism.

[Levels of metabolites of selected chemical compounds in the urine of workers in pitch coke plant].

Inducibility of liver cytosolic aldehyde dehydrogenase activity in various animal species.

Polybrominated naphthalene and diiodobenzene interactions with specific binding sites for 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver cytosol.

Cationic polyelectrolytes: potent opsonic agents which activate the respiratory burst in leukocytes.

Metabolic activation of hydroquinone by macrophage peroxidase.

Dimethylthiourea prevents hydrogen peroxide and neutrophil mediated damage to lung endothelial cells in vitro and disappears in the process.

The in vitro metabolites of 2,4,6-trichlorophenol and their DNA strand breaking properties.

Sodium-azide-evoked noradrenaline and catecholamine release from peripheral sympathetic nerves and chromaffin cells.

H₂O₂ and cGMP may function as an O₂ sensor in the pulmonary artery.

Hormonal contraceptive increases plasma lipid peroxides in female rats. Relationship to platelet aggregation and lipid biosynthesis.

Membrane oxidative metabolism of human eosinophilic cell line EoL-1 in response to phorbol diester and formyl peptide: synergistic augmentation by interferon-gamma and tumor necrosis factor.

Effects of glutaraldehyde and metabolic inhibitors on the vibratory responses in the isolated cochlea.

Polychlorinated biphenyls (PCBs): mutagenicity and carcinogenicity.

Aspects of allyl alcohol toxicity.

Chlorinated phenols as metabolites of lindane. Evaluation of the degree of conjugation in rat urine.

Nucleic acid binding and mutagenicity of active metabolites of 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline.

Biodegradation of pentachlorophenol by the white rot fungus *Phanerochaete chrysosporium*.

Light and electron microscopic study of the liver in paraquat poisoning.

[No Parkinsonian syndrome following acute paraquat poisoning].

[The influence of long-term utilization of some herbicides on oral cavity tissues of white rats].

Influence of bipyridylum compounds on microsomal mixed-function oxidation activities.

Evaluation of propanil and its N-oxidized derivatives for genotoxicity in the *Salmonella typhimurium* reversion, Chinese hamster ovary/hypoxanthine guanine phosphoribosyl transferase, and rat hepatocyte/DNA repair assays.

Delayed sudden death after ingestion of MCPP and ioxynil: an unusual presentation of hormonal weedkiller intoxication.

Comparison of chemical biodegradation rates in BOD dilution and natural waters.

Allylamine-induced vascular toxicity in vitro: prevention by semicarbazide-sensitive amine oxidase inhibitors.

Inhibition of mouse hepatocyte intercellular communication by paraquat-generated oxygen free radicals.

Prolonged, intravenous paraquat infusion in the rat. II. Paraquat-induced alterations in lung polyamine metabolism.

Glucocorticoid toxicity in the hippocampus: in vitro demonstration.

[The mutagenicity of organic microcontaminants in the environment. I. The mutagenicity of selected herbicides and insecticides in the *Salmonella* microsome test (Ames test) with regard to the pathogenic potency of contaminated ground and drinking water].

Oxidant stress following renal ischemia: changes in the glutathione redox ratio.

On the mutagenic and recombinogenic activity of certain herbicides in *Salmonella typhimurium* and in *Aspergillus nidulans*.

Behavioural and electrocortical changes induced by paraquat after injection in specific areas of the brain of the rat.

Adverse effects of (15S)-15-methyl-prostaglandin E1 in normal and paraquat-exposed rats.

Limited dermal ossification: a case report.

Mechanisms of fetal alcohol effects: role of acetaldehyde.

Uptake and accumulation of pentachlorophenol and sodium pentachlorophenate by earthworms from water and soil.

Carcinogenicity and genotoxicity of the herbicide 2,4,5-trichlorophenoxyethanol (TCPE) contaminated with dioxin.

Failure of haemoperfusion and haemodialysis to prevent death in paraquat poisoning. A retrospective review of 42 patients.

Effects of methylprednisolone on acute lung paraquat toxicity in sheep.

Effects of Gramoxone-induced reactive oxygen radicals on eicosanoid synthesis of mouse lung.

Cloning, physical mapping and expression of chromosomal genes specifying degradation of the herbicide 2,4,5-T by *Pseudomonas cepacia* AC1100.

Agent-specific ras oncogene activation in rat thyroid tumours.

Autoradiography of [¹⁴C]paraquat or [¹⁴C]diquat in frogs and mice: accumulation in neuromelanin.

Increased oxygen radical-dependent inactivation of metabolic enzymes by liver microsomes after chronic ethanol consumption.

Role of acidosis in the changes of rat brain monoamines after methanol administration & effect of blocking methanol metabolism by 4-methyl pyrazole & 3-amino-1,2,4-triazole.

Respiratory chain inhibitors slow gluconeogenesis.

Effects of cyclophosphamide and a metabolite, acrolein, on *Naegleria fowleri* in vitro and in vivo.

Induction of an allergic reaction to alcohol metabolites by immunization.

Xanthine oxidase produces hydrogen peroxide which contributes to reperfusion injury of ischemic, isolated, perfused rat hearts.

The effect of iron overload on the mitochondrial porphyrin level in the hexachlorobenzene induced experimental porphyria.

[Effect of cyanamide on the level of endogenous ethanol in the liver of normal rats and in hypocorticism].

Enhancement of in vivo and in vitro murine immune responses by the cyclophosphamide metabolite acrolein.

Protective effect of alpha-human atrial natriuretic polypeptide (alpha-hANP) on chemical-induced pulmonary edema.

Metabolism of glyphosate in *Pseudomonas* sp. strain LBr.

Residues of dacthal and metabolites in field-treated Chinese cabbage.

Urinary atrazine metabolites as indicators for rat and human exposure to atrazine.

Prostaglandin D2 generation in mouse bone marrow-derived mast cells exposed to dexamethasone is associated with endogenous peroxidase activity.

Influence of readily metabolizable carbon on pentachlorophenol metabolism by a pentachlorophenol-degrading *Flavobacterium* sp.

Mitochondria as the primary site of acetaldehyde metabolism in beef and pig liver slices.

Effects of disulfiram, cyanamide and 1-aminocyclopropanol on the aldehyde dehydrogenase activity in human erythrocytes and leukocytes.

Oxidative cell injury in the killing of cultured hepatocytes by allyl alcohol.

Metabolism of profluralin in rats. 1. Identification of metabolites.

Role of thiols in the in-vitro methylation of inorganic arsenic by rat liver cytosol.

The fate of 4-cyanoacetanilide in rats and mice; mechanism of formation of a novel electrophilic metabolite.

In vivo role of the microsomal ethanol-oxidizing system in ethanol metabolism by deermice lacking alcohol dehydrogenase.

Separation and identification of trifluralin metabolites by open-tubular liquid chromatography/negative chemical ionization mass spectrometry.

Isolation of gene fusions (soi::lacZ) inducible by oxidative stress in *Escherichia coli*.

Metabolizing systems in cell culture cytotoxicity tests.

[Effect of different routes of administration of chlorine derivatives of phenoxy acids on microsomal oxidation in the liver].

"The influence of conformational factors on the metabolic conjugation of aryloxyacetates"--a comment.

Thermospray liquid chromatographic-mass spectrometric method for the analysis of metribuzin and its metabolites.

Depletion of hepatic glutathione by ethanol occurs independently of ethanol metabolism.

In vitro/in vivo effects of Mesna on the genotoxicity and toxicity of cyclophosphamide--a study aimed at clarifying the mechanism of Mesna's anticarcinogenic activity.

Mutagenicity and in vitro covalent DNA binding of 2-hydroxyamino-3-methylimidazo[4,5-f]quinoline.

Metabolism and excretion of orally and intraperitoneally administered methylarsonic acid in the hamster.

Assessment of the mutagenicity of fractions from s-triazine-treated Zea mays.

Acute effects of the aldehyde dehydrogenase inhibitors, disulfiram, pargyline and cyanamide, on circulating ketone body levels in the rat.

Auxin induces rapid changes in phosphatidylinositol metabolites.

Enzymic synthesis of indole-3-acetyl-1-O-beta-d-glucose. II. Metabolic characteristics of the enzyme.

Hormonal induction and antihormonal inhibition of tracheary element differentiation in Zinnia cell cultures.

Supercritical fluid extraction coupled with supercritical fluid chromatography for the separation of sulfonylurea herbicides and their metabolites from complex matrices.

Fate and metabolism of dichlorprop in cereals and field grass.

Effects of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP), cyperquat (MPP+) and paraquat on isolated mitochondria from rat striatum, cortex and liver.

DNA adduct formation by alachlor metabolites.

Effect of chronic ethanol treatment under partial catalase inhibition on the activity of enzymes related to peroxide metabolism in rat liver and heart.

Elevated plasma corticosterone levels and histopathology of the adrenals and thymuses in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

Altered regulation of P-450IA1 expression in a multidrug-resistant MCF-7 human breast cancer cell line.

Toxicology and pathology of methyl bromide in F344 rats and B6C3F1 mice following repeated inhalation exposure.

Cutaneous manifestations of tetrachlorodibenzo-p-dioxin in children and adolescents. Follow-up 10 years after the Seveso, Italy, accident.

Steroid hormones and medications that alter cancer risks.

Corticosterone modulates acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in male Sprague-Dawley rats.

Screening of pharmacological agents given peripherally with respect to TCDD-induced wasting syndrome in Long-Evans rats.

Kappa/lambda immunoglobulin distribution in Graves' thyroid-stimulating antibodies. Simultaneous analysis of C lambda gene polymorphisms.

Human dioxin-inducible cytosolic NAD(P)H:menadione oxidoreductase. cDNA sequence and localization of gene to chromosome 16.

Biochemical and functional effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the heart of female rats.

Atypical myoglobinuria: an acute myopathy in grazing horses.

Mechanism of L-triiodothyronine (T3) uptake by glial C6 cells: regulation by butyrate.

Intermediary metabolism of 2,6-dichlorobenzonitrile (dichlobenil) in chickens and growth of chickens fed dichlobenil.

[Studies on serum ketone bodies in patients with hyperthyroidism].

Isolation and structural characterization of thymosin-beta 4 from a human medullary thyroid carcinoma.

Type I procollagen in the severe non-lethal form of osteogenesis imperfecta. Defective pro-alpha 1(I) chains in a patient with abnormal proteoglycan metabolism and mineral deposits in the dermis.

Synthetic peptides derived from IRBP induce EAU and EAP in Lewis rats.

Protein content and thyroid hormone release in vitro by differentiated thyroid cancer cells in the presence of estradiol, dehydroepiandrosterone, polypeptidic hormones and pesticides.

Degrading process of acute ischemic myocardial cells.

Multifactorial resistance to adriamycin: relationship of DNA repair, glutathione transferase activity, drug efflux, and P-glycoprotein in cloned cell lines of adriamycin-sensitive and -resistant P388 leukemia.

Reduction of adipose tissue lipoprotein lipase activity as a result of in vivo administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin to the guinea pig.

Evidence for two independent pathways of insulin-receptor internalization in hepatocytes and hepatoma cells.

Microbial amino acid metabolites and bladder cancer: no evidence of promoting activity in man.

[Diabetogenic tropical pancreatitis].

DNA binding properties of dioxin receptors in wild-type and mutant mouse hepatoma cells.

Toxicity and disposition of 2,3,4,7,8-pentachlorodibenzofuran (4PeCDF) in the rhesus monkey (*Macaca mulatta*).

Alteration of methyl dopa absorption, metabolism, and blood pressure control caused by ferrous sulfate and ferrous gluconate.

Chromosomal damage induced by maleic hydrazide in mammalian cells in vitro and in vivo.

The effect of age on the glucuronidation and toxicity of 4,4'-thiobis(6-t-butyl-m-cresol).

A crucial role of ongoing anaerobic glycolysis in attenuating acute ischemia-induced release of myocardial noradrenaline.

Goitrogens and thyroid follicular cell neoplasia: evidence for a threshold process.

Doxorubicin cellular pharmacokinetics and DNA breakage in a multi-drug resistant B16 melanoma cell line.

Species differences in 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity and biotransformation in fish.

Effect of catalase on endotoxin-induced acute lung injury in unanesthetized sheep.

2,4-Dinitrophenol, muscle biopsy, and McArdle's disease.

Acute effects of amiodarone on action potentials of isolated guinea-pig ventricular muscle exposed to simulated ischemic solution and metabolic inhibitors.

Abnormal methylation capacity in human liver cirrhosis.

Modulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in F344 rats by di(2-ethylhexyl)phthalate.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in yellow perch (*Perca flavescens*).

Morphologic lesions and acute toxicity in rainbow trout (*Salmo gairdneri*) treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effect of some uremic toxins on oxygen consumption of rats in vivo and in vitro.

cis-Diamminedichloroplatinum(II) accumulation in sensitive and resistant human ovarian carcinoma cells.

Experimental studies on the mechanism of ethanol formation in corpses.

Tissue-specific alterations of de novo fatty acid synthesis in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treated rats.

Corticosterone decreases toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in hypophysectomized rats.

Some endocrine and morphological aspects of the acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Induction of cytochrome P-450IA1 gene expression in human breast tumour cell lines.

Anaphylactic shock: catecholamine actions in the responses to opioid antagonists.

Characterization of trimetrexate transport in human lymphoblastoid cells and development of impaired influx as a mechanism of resistance to lipophilic antifolates.

Transfer and expression of lithoautotrophy and denitrification in a host lacking these metabolic activities.

NTP Toxicology and Carcinogenesis Studies of C.I. Acid Orange 3 (CAS No. 6373-74-6) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Subchronic metabolic effects and toxicity of a simulated pulp mill effluent on juvenile lake trout, *Salmo trutta m. lacustris*.

Primary structure of a ribonuclease from bovine brain.

Metabolism of murine and human embryos: search for a growth indicator in vitro culture medium.

Mercury vapor uptake and hydrogen peroxide detoxification in human and mouse red blood cells.

Transferrin endocytosis and iron uptake in developing myogenic cells in culture: effects of microtubular and metabolic inhibitors, sulphhydryl reagents and lysosomotropic agents.

Uroporphyrin accumulation in cultured chick embryo hepatocytes: comparison of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3,4,3',4'-tetrachlorobiphenyl.

Antipeptide antibodies recognize c-erbA and a related protein in human A431 carcinoma cells.

Hydroperoxide metabolism of amphibia: tissue catalases of leopard frogs.

Agonist-induced substance P receptor down-regulation in rat central nervous system.

Coinduction of MDR-1 multidrug-resistance and cytochrome P-450 genes in rat liver by xenobiotics.

Effect of Hormone Treatment on Growth Bud Formation and Free Amine and Hydroxycinnamoyl Putrescine Levels in Leaf Explant of *Nicotiana tabacum* Cultivated in Vitro.

Rapid and transitory stimulation of 3-O-methylglucose transport by growth hormone.

Oxidation of N-butyl-N-(3-formylpropyl)nitrosamine to N-butyl-N-(3-carboxypropyl)nitrosamine in rat liver and inhibition by disulfiram.

Effects of TCDD and its congeners 3,3',4,4'-tetrachloroazoxybenzene and 3,3',4,4'-tetrachlorobiphenyl on lymphoid development in the thymus of avian embryos.

Effects of chlorobenzenes and their methyl sulfone metabolites on microsomal enzymes associated with drug metabolism in rat liver.

Metabolism of round spermatids: gossypol induces uncoupling of respiratory chain and oxidative phosphorylation.

Ifosfamide and mesna: marginally active in patients with advanced carcinoma of the pancreas.

Intracoronary infusion of prostaglandin I₂ attenuates arterial baroreflex control of heart rate in conscious dogs.

Choline accumulation in isolated rat hepatocytes.

Hormone-dependent phosphorylation of the avian progesterone receptor.

Metabolism and excretion of etoposide in isolated, perfused rat liver models.

Regeneration of tepals, stamens and ovules in explants from perianth of *Hyacinthus orientalis* L. importance of explant age and exogenous hormones.

Energy dependence of enzyme release from hypoxic isolated perfused rat heart tissue.

The metabolism of acetaldehyde and not acetaldehyde itself is responsible for in vivo ethanol-induced lipid peroxidation in rats.

Down-modulation of high-affinity receptors for erythropoietin on murine erythroblasts by interleukin 3.

The effect of molecular weight/lipophilicity on clearance of organic compounds from lungs.

Teratogenic effects of nitrofen on cellular and functional maturation of the rat lung.

Metabolites of [3-¹³C]1,2-dibromo-3-chloropropane in male rats studied by ¹³C and ¹H-¹³C correlated two-dimensional NMR spectroscopy.

Substrate preference of a cytosolic aldehyde dehydrogenase inducible in rat liver by treatment with 3-methylcholanthrene.

Catalase-dependent ethanol oxidation in perfused rat liver. Requirement for fatty-acid-stimulated H₂O₂ production by peroxisomes.

Regulatory mechanisms of monofunctional and bifunctional anticarcinogenic enzyme inducers in murine liver.

New aspects in the study of the mechanism of intestinal absorption of thiamine in rats.

[The role of rat liver microsomes in the metabolism of methylmethacrylate to formaldehyde].

Expression of the 31-kD stress protein in rat myoblasts and hepatocytes.

Evidence for immunoglobulin Fc receptor-mediated prostaglandin₂ and platelet-activating factor formation by cultured rat mesangial cells.

Effect of selective chemical modification and CNBr-cleavage at methionine₂₀ in catalytic activity and substrate binding properties of porcine pancreatic phospholipase A₂.

The beta-subunit of the bovine mitochondrial F₁ ATPase specifically binds the amino terminal domain of parathyroid hormone.

Mechanism of gamma-aminobutyric acid/benzodiazepine receptor turnover in neuronal cells: evidence for nonlysosomal degradation.

Comparison of in vivo and in vitro methods for assessing the effects of carbon tetrachloride on the hepatic drug-metabolizing enzyme system.

Specificity of rabbit cytochrome P-450 isozymes involved in the metabolic activation of the food derived mutagen 2-amino-3-methylimidazo[4,5-f] quinoline.

Uptake of choline by rat mammary-gland epithelial cells.

Analysis of the in vivo phosphorylation state of rabbit skeletal muscle glycogen synthase by fast-atom-bombardment mass spectrometry.

NTP Toxicology and Carcinogenesis Studies of Monuron (CAS No. 150-68-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Local interactions favor the native 8-residue disulfide loop in the oxidation of a fragment corresponding to the sequence Ser-50-Met-79 derived from bovine pancreatic ribonuclease A.

Hepatotoxicity of cyclophosphamide in man: pharmacokinetic analysis.

Primary structure of a non-secretory ribonuclease from bovine kidney.

Requirement of one functional RAS gene and inability of an oncogenic ras variant to mediate the glucose-induced cyclic AMP signal in the yeast *Saccharomyces cerevisiae*.

Metabolic processes involved in repair of *Escherichia coli* cells damaged by exposure to acid mine water.

A sulphate metabolizing centre in *Euglena* mitochondria.

Measurement of the metabolism of energy substrates in individual bovine blastocysts.

Kinetics of binding of cholecystokinin to pancreatic acini.

The production of toxic oxygen metabolites by hemocytes of different snail species.

Plasma gamma-hexachlorocyclohexane concentrations in forestry workers exposed to lindane.

Immunological characterization of thioltransferase from pig liver.

Hormonal regulation of ripening in the strawberry, a non-climacteric fruit.

Amino Acid Metabolism of *Lemna minor* L. : III. Responses to Aminooxyacetate.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes increases in expression of c-erb-A and levels of protein-tyrosine kinases in selected tissues of responsive mouse strains.

Partial characterization of specific cantharidin binding sites in mouse tissues.

Modulation of the in vitro candidacidal activity of human neutrophil defensins by target cell metabolism and divalent cations.

Lymphocyte activation and capping of hormone receptors.

Theophylline metabolism by human, rabbit and rat liver microsomes and by purified forms of cytochrome P450.

Primary structure of the activation peptide from bovine pancreatic procarboxypeptidase A.

Identification of hormone-interacting amino acid residues within the steroid-binding domain of the glucocorticoid receptor in relation to other steroid hormone receptors.

Methodology for assessing respiration and cellular incorporation of radiolabeled substrates by soil microbial communities.

Intracellular processing of growth hormone receptors by adipocytes in primary culture.

Metabolism of the 18O-methoxy substituent of 3-methoxybenzoic acid and other unlabeled methoxybenzoic acids by anaerobic bacteria.

The use of in vivo brain dialysis of dopamine, acetylcholine, amino acids and lactic acid in studies on the neurotoxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP).

Effects of the external ions and metabolic poisoning on the constriction of the squid giant axon after axotomy.

Free radicals and oxygen toxicity.

Thioacylating intermediates as metabolites of S-(1,2-dichlorovinyl)-L-cysteine and S-(1,2,2-trichlorovinyl)-L-cysteine formed by cysteine conjugate beta-lyase.

Suppression of splenic lymphocyte function by 7,12-dimethylbenz[a]anthracene (DMBA) in vitro.

Internalized insulin-receptor complexes are unidirectionally translocated to chloroquine-sensitive degradative sites. Dependence on metabolic energy.

A phospholipase A2 in the supernatant fraction of rat spleen. Its similarity to rat pancreatic phospholipase A2.

Characteristics of taurine transport system and its developmental pattern in mouse cerebral cortical neurons in primary culture.

Qualitative and quantitative differences in the induction and inhibition of hepatic benzo[a]pyrene metabolism in the rat and hamster.

Heat production of quiescent ventricular trabeculae isolated from guinea-pig heart.

Transport of digoxin into brain microvessels and choroid plexuses isolated from guinea pig.

Estimating the rate of externalization of gonadotrophin-releasing hormone receptors in ovine anterior pituitary cells in vitro.

Mitochondria mediate amplification of luteinizing hormone action by adenosine in luteal cells.

Effects of SH-modifying reagents on the rat hepatic Ah receptor: inhibition of ligand binding and transformation, and disruption of the ligand-receptor complex.

A kidney perfusion method for metabolism studies with chickens using propachlor as a model.

Purification and partial amino acid sequence of bovine adrenal phenylethanolamine N-methyltransferase: a comparison of nucleic acid and protein sequence data.

Localization of high benzaldehyde dehydrogenase activity in rat upper gastrointestinal tract mucosa: a quantitative histochemical study.

Glucose starvation is required for insulin stimulation of glucose uptake and metabolism in cultured microvascular endothelial cells.

[3H]-myo-inositol uptake in rat cortical slices. Identification of Na⁺-dependent and Na⁺-independent systems.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on murine skin.

Mechanism of inhibition of cyclo-oxygenase in human blood platelets by carbamate insecticides.

Effects of piperine on bioenergetic functions of isolated rat liver mitochondria.

Hydrogen peroxide metabolism in soybean embryonic axes at the onset of germination.

Different rates of metabolism of two chloroacetanilide herbicides in pioneer 3320 corn.

Influence of reduction of cytoplasmic ATP on catecholamine secretion from intact and digitonin-permeabilized adrenal chromaffin cells.

[Cardiac relaxation and distensibility in energy deficit].

Measurement and manipulation of cytoplasmic free calcium of ram and boar spermatozoa using quin 2.

Role of the 4-hydroxy intermediate in the in vitro embryotoxicity of cyclophosphamide and dechlorocyclophosphamide.

Extracellular lactic acid as an indicator of brain metabolism: continuous on-line measurement in conscious, freely moving rats with intrastriatal dialysis.

Mutagenic activity of promutagens in plants: indirect evidence of their activation.

Mutagenic activation of xenobiotics by plant enzymes.

Neural regulation of duodenal alkali secretion: effects of electrical field stimulation.

CO₂ production of the chick embryo during the first day of post-laying development.

Metabolic activation of the mutagen azide in biological systems.

Irreversible inhibition of the TXA₂/PGH₂ receptor of human platelets by a photoaffinity ligand.

Mutagenicity, comutagenicity, and antimutagenicity of erythrosine (FD and C red 3), a food dye, in the Ames/Salmonella assay.

Molecular complexes of thyroid hormone tyrosyl rings with aromatic donors. Possible relationship to receptor protein interactions.

Generation of twitch tension in frog atrial fibers by Na/Ca exchange.

Purification and characterization of two kinds of low molecular weight kininogens from rat (non-inflamed) plasma. One resistant and the second sensitive to rat glandular kallikreins.

Regulation of human basophil and lung mast cell function by cyclic adenosine monophosphate.

Hepatic toxicity of paraquat in primary cultures of rat hepatocytes.

Effect of glutamate on extracellular potassium activity in isolated retina of cyprinid fish.

Stimulation of Sanguinarine Production by Combined Fungal Elicitation and Hormonal Deprivation in Cell Suspension Cultures of *Papaver bracteatum*.

Relationship between exposure to toluene and excretion of urinary metabolites in Korean female solvent workers.

Effect of protein synthesis inhibitors and metabolic blockers on the production of placental proteins by the in vitro perfused human placenta.

Comparison of the action of epinephrine and a respiratory chain uncoupler, 2,4-dinitrophenol, on Ca²⁺-mobilization in isolated hepatocytes and perfused livers.

Immunohistochemical evidence for neural mediation of VIP activity in the dogfish rectal gland.

Accumulation of aluminum by rabbit renal cortex.

Mutual metabolic suppression between benzene and toluene in man.

Activity of thyroid hormone-inducible enzymes following treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Renal metabolic/excretory coupling.

Modulation of the mutagenic effects of 2-amino-3-methylimidazo[4,5-f]quinoline (IQ) and 2-amino-3,4-dimethylimidazo[4,5-f]quinoline (MeIQ) in bacteria with rat-liver 9000 x g supernatant or monolayers of rat hepatocytes as an activation system.

Metabolic inhibitors and intermediate filament organization in human fibroblasts.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes an increase in protein kinases associated with epidermal growth factor receptor in the hepatic plasma membrane.

1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP), its metabolite cyperquat (MPP⁺) and energy transduction in mitochondria from rat striatum and liver.

Effects of phenolic dental medicaments on prostaglandin synthesis by microsomes of bovine tooth pulp and rabbit kidney medulla.

Induction of cytosolic and microsomal epoxide hydrolases in mouse liver by peroxisome proliferators, with special emphasis on structural analogues of 2-ethylhexanoic acid.

Uptake, distribution, and metabolism of trivalent arsenic in the pregnant mouse.

Metabolic activation of alpha-naphthoflavone by 2,3,7,8-tetrachlorodibenzodioxin-induced rat liver microsomes.

Expression of the bovine hypothalamic hormone oxytocin precursor in *Escherichia coli*.

Comparison of the effects of carbon tetrachloride and of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the disposition of linoleic acid in rat liver in vitro.

Utilization of sulfometuron methyl, an acetolactate synthase inhibitor, in molecular biological and metabolic studies of plants and microbes.

Potassium permeability in pancreatic beta-cell. The effect of thiopental.

Spindle microtubule dynamics: modulation by metabolic inhibitors.

Development of hepatocytes in the pancreas of hamsters treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Evidence for in vitro regulation of IgE receptors on the human basophil membrane by their removal and reexpression: effects of Ca²⁺, Mg²⁺, some metabolic inhibitors and fetal calf serum.

Effect of monooxygenase inducers and inhibitors on the hepatic metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat and hamster.

Reduction of 5-nitroimidazoles, nitrofurazone, and 2,4-dinitrophenol to their free radical metabolites by *Tritrichomonas foetus* hydrogenosomes.

Magnetic resonance studies of intact human spermatozoa.

¹¹C-labelling of Ro 15-1788 in two different positions, and also ¹¹C-labelling of its main metabolite Ro 15-3890, for PET studies of benzodiazepine receptors.

[The characteristics of metabolism of organochlorine insecticides in warm-blooded animals after induction of the monooxygenase system of the liver].

Hepatotoxicity induced by the herbicide atrazine in the rat.

Mutagenicity of chloroaniline/lignin metabolites in the Salmonella/microsome assay.

Selective pancreatic toxicity of palmitoylpentachlorophenol.

Acute, pharmacokinetic, and subchronic toxicological studies of 2,4-dichlorophenoxyacetic acid.

Effects of 2,4,5-trichlorophenoxyacetic acid and quinolinic acid on 5-hydroxy-3-indoleacetic acid transport by the rabbit choroid plexus: pharmacology and electron microscopic cytochemistry.

Chronic carcinogenesis studies of acrolein and related compounds.

Metabolic mayhem caused by 2-ketoacid imbalances.

Goitre and wasting induced in hamsters by hexachlorobenzene.

Pesticide clastogenicity in Chinese hamster ovary cells.

Enhancement of the embryotoxicity of acrolein, but not phosphoramidate mustard, by glutathione depletion in rat embryos in vitro.

The effect of tridiphane (2-(3,5-dichlorophenyl)-2-(2,2,2-trichloroethyl)oxirane) on hepatic epoxide-metabolizing enzymes: indications of peroxisome proliferation.

Methyl mercury toxicity in plant cultures: modification of resistance and demethylation by light and/or 2,4-dichlorophenoxyacetic acid.

Changes in 2-aminoisobutyric acid and cycloleucine uptake produced by 2,4-dichlorophenoxyacetic acid in Chinese hamster ovary cells.

Cytogenetic toxicity of paraquat and streptonigrin in Fanconi's anemia.

The effect of pentachlorophenol and its metabolite tetrachlorohydroquinone on RNA, protein, and ribosome synthesis in *Saccharomyces* cells.

Indirect influence of s-triazines on rat gonadotropic mechanism at early postnatal period.

Bipyridylium herbicide toxicity: effects of paraquat and diquat on isolated rat hepatocytes.

Paraquat poisoning: clinical features and immediate general management.

The role of reactive metabolites in drug-induced teratogenesis.

The search for ideal antidote treatment in Gramoxone intoxication.

Critical role of iodination for T cell recognition of thyroglobulin in experimental murine thyroid autoimmunity.

Evidence that the flux control coefficient of the respiratory chain is high during gluconeogenesis from lactate in hepatocytes from starved rats. Implications for the hormonal control of gluconeogenesis and action of hypoglycaemic agents.

Cyanamide given ICV or systemically to the rat alters subsequent alcohol drinking.

Metabolic basis of ethylene glycol monobutyl ether (2-butoxyethanol) toxicity: role of alcohol and aldehyde dehydrogenases.

Allyl alcohol liver injury: suppression by ethanol and relation to transient glutathione depletion.

Initiation of hepatocarcinogenesis in infant male B6C3F1 mice by N-hydroxy-2-aminofluorene or N-hydroxy-2-acetylaminofluorene depends primarily on metabolism to N-sulfooxy-2-aminofluorene and formation of DNA-(deoxyguanosin-8-yl)-2-aminofluorene adducts.

[Evaluation of the cytogenetic effect of the herbicide trifluralin and of a number of its metabolites on mammalian somatic cells].

Acetylsalicylic acid inhibits non-immunologic contact urticaria.

Use of limited protocols to evaluate the genotoxicity of hazardous wastes in mammalian cell assays: comparison to *Salmonella*.

Elimination kinetics of ethanol and acetaldehyde in healthy men during the calcium carbimide-alcohol flush reaction.

In vivo metabolism of the cardiovascular toxin, allylamine.

Metabolism of tridiphane (2-(3,5-dichlorophenyl)-2(2,2,2-trichloroethyl)oxirane) by hepatic epoxide hydrolases and glutathione S-transferases in mouse.

Modification of intracellular glucose metabolism in human skin fibroblast preincubated with p-chlorophenoxyisobutyrate.

The effect of pretreatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin on the hepatic metabolism of 2,4,5-trichlorophenoxyacetate (2,4,5-T) and 2,4-dichlorophenoxyacetate (2,4,-D).

Determination of naptalam and its metabolite in foods, as 1-naphthylamine, using liquid chromatography with oxidative electrochemical detection.

Effects of pentachlorophenol and some of its known and possible metabolites on different species of bacteria.

Regulation of hepatic sulfotransferase catalyzing the activation of N-hydroxyarylamide and N-hydroxyarylamine by growth hormone.

The metabolism of phenol and substituted phenols in zebra fish.

Evidence for involvement of non-biliary excretion into the intestines in the formation of methylsulphonyl-containing metabolites of 2-chloro-N-isopropylacetanilide (propachlor) by swine and rats.

Infrared spectroscopic evidence for a conformational alteration of plant plasma membranes upon exposure to the growth hormone analog, 2,4-dichlorophenoxyacetic acid.

Evidence for the generation of transaminase inhibitor(s) during ethanol metabolism by rat liver homogenates: a potential mechanism for alcohol toxicity.

Stimulation of cyclophosphamide-induced pulmonary microsomal lipid peroxidation by oxygen.

Thyrotropin-releasing hormone (TRH): immunohistochemical distribution in tadpole and frog brain.

Metabolism of glyphosate in an *Arthrobacter* sp. GLP-1.

Role of acetaldehyde in the ethanol-induced impairment of hepatic glycoprotein secretion in the rat in vivo.

Respective roles of the microsomal ethanol oxidizing system and catalase in ethanol metabolism by deermice lacking alcohol dehydrogenase.

Macromolecular binding of the thyroid carcinogen 3-amino-1,2,4-triazole (amitrole) catalyzed by prostaglandin H synthase, lactoperoxidase and thyroid peroxidase.

In vitro effect of cinnamic aldehyde, a main component of Cinnamomi Cortex, on human platelet aggregation and arachidonic acid metabolism.

The oxidation of acrolein by rat liver aldehyde dehydrogenases. Relation to allyl alcohol hepatotoxicity.

Membrane-directed effects of the plant hormones abscisic acid, indole-3-acetic acid and 2,4-dichlorophenoxyacetic acid.

Induction of cytosolic and microsomal epoxide hydrolases and proliferation of peroxisomes and mitochondria in mouse liver after dietary exposure to p-chlorophenoxyacetic acid, 2,4-dichlorophenoxyacetic acid and 2,4,5-trichlorophenoxyacetic acid.

Uptake, efflux and metabolism of the polyamine putrescine in rabbit lung slices.

Solid-state NMR studies of regulation of N-(phosphonomethyl)glycine and glycine metabolism in *Pseudomonas* sp. strain PG2982.

Concentrations of the herbicides propyzamide, chlorpropham, and of their metabolites in soil and lettuce under field conditions.

Induction of genetic tandem duplications in Salmonella by polycyclic aromatic hydrocarbon and amine carcinogens.

Microorganisms capable of metabolizing the herbicide metolachlor.

Ethanol metabolism by rat heart homogenates.

Effects of a small dose of ethanol and calcium carbimide-induced acetaldehyde intoxication on human platelet aggregation, associated thromboxane formation and urinary excretion of 2,3-dinor-6-keto prostaglandin F1 alpha.

The role of acetaldehyde-metabolizing enzymes in the mediation of ethanol consumption: an investigation using a simulated drinking bout.

Rate determining factors of ethanol oxidation in hepatocytes from starved and fed rats: effect of acetaldehyde concentration on the rate of NADH oxidation catalyzed by alcohol dehydrogenase.

Ethanol metabolism in alcohol dehydrogenase deficient deermice is mediated by the microsomal ethanol oxidizing system, not by catalase.

Metabolism of cyanamide to cyanide and an inhibitor of aldehyde dehydrogenase (ALDH) by rat liver microsomes.

Nucleic acid content and residue determination in tissues of chicks born from 2,4-dichlorophenoxyacetic butyl ester treated eggs.

Biochemically damaged erythroblasts bind natural serum antibodies and activate complement.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment on mechanical function of the rat heart.

Immunosuppression following exposure to 7,12-dimethylbenz[a]anthracene (DMBA) in Ah-responsive and Ah-nonresponsive mice.

The effect of saccharin ingestion on the excretion of microbial amino acid metabolites in rat and man.

Suppression of estrogen-regulated extracellular tissue plasminogen activator activity of MCF-7 cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

In vivo and in vitro interactions of TCDD and other ligands of the Ah-receptor: effect on embryonic and fetal tissues.

The experimental and clinical pathology of diene conjugation.

Alterations in lipid-linked oligosaccharide metabolism in human melanoma cells concomitant with induction of stress proteins.

Effects of vitamin A and/or thyroidectomy on liver microsomal enzymes and their induction in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

Acidotic alterations in oxidative metabolism influencing rat renal slice ammoniogenesis.

ATP requirement for induced tight junction formation in HT 29 adenocarcinoma cells.

Significance of mirex-caused hypoglycemia and hyperlipidemia in rats.

Uptake of propranolol by microvessels isolated from bovine brain.

[Pharmacological analysis of the participation of ethanol-oxidizing enzyme systems in ethanol metabolism at different stages of experimental alcoholism].

Tumor accumulation of D-selenomethionine-75Se in tumor-bearing mice.

The impairment of retention induced by pentylentetrazol in mice may be mediated by a release of opioid peptides in the brain.

The kinetics of phosphoinositide hydrolysis in rat basophilic leukemia (RBL-2H3) cells varies with the type of IgE receptor cross-linking agent used.

alpha-Naphthoflavone metabolized by 2,3,7,8-tetrachlorodibenzo(p)dioxin-induced rat liver microsomes: a potent clastogen in Chinese hamster ovary cells.

Pleiotropic effect of the gene hairless on hepatotoxicity of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in mice.

Increased thromboplastic potential in diabetes: a multifactorial phenomenon.

Regional O₂ uptake during hypoxia and recovery in hypermetabolic dogs.

Cellular action of arginine vasopressin in the isolated renal tubules of hypothyroid rats.

Cellular uptake and metabolic reduction of pentavalent to trivalent arsenic as determinants of cytotoxicity and morphological transformation.

Spindle disturbances in mammalian cells. III. Toxicity, c-mitosis and aneuploidy with 22 different compounds. Specific and unspecific mechanisms.

Magnesium-dependent attachment and neurite outgrowth by PC12 cells on collagen and laminin substrata.

Deletion of lysine 13 alters the structure and function of parathyroid hormone.

Hydroxyl radical generation by microsomes after chronic ethanol consumption.

Glycolytic activity and enhancement of serotonin uptake by endothelial cells exposed to hypoxia/anoxia.

The effect of cephalosporin antibiotics on alcohol metabolism: a review.

Structure-activity studies of the hepatocarcinogenicities of alkenylbenzene derivatives related to estragole and safrole on administration to preweanling male C57BL/6J x C3H/HeJ F1 mice.

Effects of metabolic inhibitors on hormone release, cyclic AMP levels, and oxygen consumption in rat pituitary cells in culture.

The effect of arsenic on urethan-induced adenoma formation in Swiss mice.

The receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in the mouse hepatoma cell line Hepa 1c1c7. A comparison with the glucocorticoid receptor and the mouse and rat hepatic dioxin receptors.

Cytogenetic studies on 1,1-dichloroethylene and its two isomers in mammalian cells in vitro and in vivo.

Identification of a uveitogenic cyanogen bromide peptide of bovine retinal S-antigen and preparation of a uveitogenic, peptide-specific T cell line.

A nonendocytotic mechanism for the selective uptake of high density lipoprotein-associated cholesterol esters.

A serine proteinase inhibitor produced by an HTLV I virus-transformed human T lymphocyte line.

Acute pesticide poisoning in England and Wales.

Han/Wistar rats are exceptionally resistant to TCDD. I.

Analysis of mechanisms responsible for the bradycardic action of naloxone after haemorrhage in the conscious rabbit.

Effect of inhibitors of arachidonic acid metabolism on efflux of intracellular enzymes from skeletal muscle following experimental damage.

Hippuric acid and ortho-cresol as biological indicators of occupational exposure to toluene.

[Changes in brain energy metabolism in experimental cerebral hemorrhage].

Differential effects of acute changes in cell Ca^{2+} concentration on myofibrillar and non-myofibrillar protein breakdown in the rat extensor digitorum longus muscle in vitro. Assessment by production of tyrosine and N tau-methylhistidine.

Experimental and clinical studies on the reproductive toxicology of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Dynamic aspects of mineral metabolism in dry cows, puerperants and calves].

Effect of a sublethal dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin on interscapular brown adipose tissue of rats.

Porphyrinurias and occupational disease.

[Acute lung failure--a critical analysis].

Effects of ascorbate ions on intracellular fluorescein emission polarization spectra in cancer and normal proliferating cells.

Medical, life-style, and occupational risk factors for prostate cancer.

One-step processing of the amphibian vasotocin precursor: structure of a frog (*Rana esculenta*) "big" neurophysin.

Chemical Contaminants: Their Metabolism and their Residues.

Growth and Aflatoxin Production by *Aspergillus parasiticus* in a Medium Containing Plant Hormones, Herbicides or Insecticides.

Triazene metabolism. VI. 3-Azidomethyl-3-alkyl-1-aryltriazenes, a new class of anti-tumour triazene with potential pro-drug applications.

Comparative metabolism of nitroaromatic compounds in freshwater, brackish water and marine decapod crustaceans.

SOS-inducing activity of chemical carcinogens and mutagens in *Salmonella typhimurium* TA1535/pSK1002: examination with 151 chemicals.

Ah receptor: relevance of mechanistic studies to human risk assessment.

Cytochemical and ultracytochemical demonstration of cytochrome c oxidase in spermatozoa and dynamics of its changes accompanying ageing or induced by stress.

On the non-existence of a tryptic peptide with biological activity derived from mouse nerve growth factor.

Interactions of glucagon and glucagon analogs with isolated canine hepatocytes.

Metabolism and excretion of gallium arsenide and arsenic oxides by hamsters following intratracheal instillation.

Studies on the intestinal surface acid microclimate: developmental aspects.

Interaction of the mutagenic metabolite of sodium azide, synthesized in vitro, with DNA of barley embryos.

Excretion and metabolism of phenol, 4-nitrophenol and 2-methylphenol by the frogs *Rana temporaria* and *Xenopus laevis*.

[Substrate reduction and oxygen activation during microsomal metabolism of quinones].

4-Chloro-4'-biphenylol as an uncoupler and an inhibitor of mitochondrial oxidative phosphorylation.

Biochemical and immunological properties of different electrophoretic forms of juvenile hormone esterase from *Trichoplusia ni* (H₄bner).

Neural mechanisms mediating the hyperthermia elicited by prostaglandin E₂ injected into the preoptic-anterior hypothalamus.

Assimilate Unloading from Maize (*Zea mays* L.) Pedicel Tissues : II. Effects of Chemical Agents on Sugar, Amino Acid, and C-Assimilate Unloading.

Glyphosate effects on carbon assimilation, ribulose biphosphate carboxylase activity, and metabolite levels in sugar beet leaves.

Processing of growth hormone by rat adipocytes in primary culture: differentiation between release of intact hormone and degradative processing.

Inhibition of the activation of Hageman factor (factor XII) by peripheral blood cells.

Intestinal absorption of choline in rats.

Production and purification of human growth-hormone-releasing factor from continuous cultures of recombinant-plasmid-containing *Escherichia coli*.

Studies on the mechanism of acetaldehyde-mediated inhibition of rat liver transaminases.

Inhibition of nuclear binding of triiodothyronine by antimycin A in cultured human fibroblasts.

Evidence that 2,3,7,8-tetrachlorodibenzo-p-dioxin and thyroid hormones act through different mechanisms in human keratinocytes.

Identification of intramolecular crosslinks in bovine growth hormone after two-step modification with 1,5-difluoro-2,4-dinitrobenzene.

Purification and characterization of rabbit ocular mucin.

The production of pregnancy associated alpha glycoprotein (PAG) from human peripheral blood mononuclear cells.

Production of recombinant human pancreatic secretory trypsin inhibitor by *Escherichia coli*.

Relationship between the murine Ah phenotype and the hepatic uptake and metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Neutrophil-mediated cytotoxicity triggered by immune complexes: the role of reactive oxygen metabolites.

Calcium channel blockers induce preferential coronary vasodilation by an alpha 1-mechanism.

Methyl bromide alters catecholamine and metabolite concentrations in rat brain.

A transport system for coenzyme A in isolated rat heart mitochondria.

The molybdate-stabilized nonactivated glucocorticoid receptor contains a dimer of Mr 90,000 non-hormone-binding protein.

A novel vasoactive intestinal peptide (VIP) from elasmobranch intestine has full affinity for mammalian pancreatic VIP receptors.

The nucleotide sequence of a human cellular thyroid hormone binding protein present in endoplasmic reticulum.

Influence of proteinase inhibitors and substrates on 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-binding capacity of the rat hepatic Ah receptor.

Stimulation by ATP of proinsulin to insulin conversion in isolated rat pancreatic islet secretory granules. Association with the ATP-dependent proton pump.

The cellular uptake and cytotoxicity of chlorambucil-monoclonal antibody conjugates.

Histopathology of acute toxic responses in selected tissues from rats exposed by inhalation to methyl bromide.

Transport of benzylpenicillin by the rat choroid plexus in vitro.

Reversed short-circuit current across isolated skin of the toad *Bufo arenarum*.

Uptake and specific binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the olfactory mucosa of mice and rats.

Phosphate transport by reconstructed monolayers from cultured mouse kidney cells.

Alkaloid formation by habituated and tumorous cell suspension cultures of *Catharanthus roseus*.

Amino Acid Metabolism of *Lemna minor* L. : II. Responses to Chlorsulfuron.

In vitro antimutagenicity of curcumin against environmental mutagens.

Homeothermic fish and hemoglobin: primary structure of the hemoglobin from bluefin tuna (*Thunnus thynnus*, Scromboidei).

Influences of the early olfactory environment on the survival, behavior and pituitary-adrenal activity of caesarean delivered preterm rat pups.

3,3',4,4'-Tetrachlorobiphenyl in pregnant mice: embryotoxicity, teratogenicity, and toxic effects on the cultured embryonic thymus.

Oxygen metabolite-induced cytotoxicity to cultured rat gastric mucosal cells.

Liposome-mediated augmentation of catalase in alveolar type II cells protects against H₂O₂ injury.

Binding of vasoactive intestinal polypeptide to dispersed enterocytes results in rapid removal of the NH₂-terminal histidyl residue.

Oxidative metabolism in guinea pig ventricular myocytes protected from proteolytic enzyme activity.

Quantification of the maximum capacity for active sodium-potassium transport in rat skeletal muscle.

Changes in thyroid hormones and thyroxine glucuronidation in hamsters compared with rats following treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

An in vitro model for studying the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin to human thymus.

Structural studies on equine glycoprotein hormones. Amino acid sequence of equine lutropin beta-subunit.

Effect of allyl alcohol-induced sublethal hepatic damage upon doxorubicin metabolism and toxicity in the rabbit.

Enhancement of rat liver microsomal metabolism of azoxymethane to methylazoxymethanol by chronic ethanol administration: similarity to the microsomal metabolism of N-nitrosodimethylamine.

In Vitro Sugar Transport in *Zea mays* L. Kernels : II. Characteristics of Sugar Absorption and Metabolism by Isolated Developing Embryos.

In Vitro Sugar Transport in *Zea mays* L. Kernels : I. Characteristics of Sugar Absorption and Metabolism by Developing Maize Endosperm.

Effect of nutrients and metabolic inhibitors on the growth of spiroplasmas.

Human growth hormone. Immunochemical characterization of polypeptide fragments purified by reversed phase-high performance liquid chromatography.

Primary structure of eel (*Anguilla japonica*) growth hormone.

The purification and characterization of glutathione S-transferase from the hepatopancreas of the blue crab, *Callinectes sapidus*.

Kinetics of [¹¹C]N,N-dimethylphenylethylamine in mice and humans: potential for measurement of brain MAO-B activity.

Isolation and complete amino acid sequence of human thymopoietin and splenin.

Enzymatic amidation of recombinant (Leu27) growth hormone releasing hormone-Gly45.

Phenylethanolamine N-methyltransferase-containing neurons in the rostral ventrolateral medulla of the rat. I. Normal ultrastructure.

Identification of sex pheromone components from pheromone gland volatiles of the tomato looper, *Plusia chalcites* (Esp.).

Alteration of catecholamine metabolism in rat brain produced by inhalation exposure to methyl bromide.

Age-related failure of endocytosis may be the pathogenetic mechanism responsible for "cold" follicle formation in the aging mouse thyroid.

Involvement of ack-pta operon products in alpha-ketobutyrate metabolism by *Salmonella typhimurium*.

Effect of metabolic inhibitors on platelet attachment, spreading and aggregation on collagen-coated surfaces.

Modulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-mediated myelotoxicity by thyroid hormones.

N-hydroxy-N-arylamides. III: Mechanism of haemoglobin oxidation by N-hydroxy-4-chloroacetanilide in erythrocytes in vitro.

Species-dependent expression and induction of homologues of rabbit cytochrome P-450 isozyme 5 in liver and lung.

The complete amino acid sequence of rat submaxillary gland tonin does contain the aspartic acid at the active site: confirmation by protein sequence analysis.

Fengabine, a novel antidepressant GABAergic agent. II. Effect on cerebral noradrenergic, serotonergic and GABAergic transmission in the rat.

Toxic accumulation of alpha-ketobutyrate caused by inhibition of the branched-chain amino acid biosynthetic enzyme acetolactate synthase in *Salmonella typhimurium*.

Dexamethasone impairs growth and collagen synthesis in condylar cartilage in vitro.

Opioid modulation of thyrotropin releasing hormone induced prolactin secretion.

Complete amino acid sequence of the medium-chain S-acyl fatty acid synthetase thio ester hydrolase from rat mammary gland.

cDNA cloning and amino acid sequence of bovine brain 2',3'-cyclic-nucleotide 3'-phosphodiesterase.

Isolation and characterization of a polarized isolated hepatocyte preparation in the skate *Raja erinacea*.

Studies on the mechanism of action of diallyl sulfide, an inhibitor of the genotoxic effects of cyclophosphamide.

Changes in plasma proteins in rats treated for short periods with hepatotoxins or with agents which induce cytochrome P450 isoenzymes.

Structure-activity relationships of the azide metabolite, azidoalanine, in *S. typhimurium*.

Sulphotransferase-mediated covalent binding of the carcinogen 7,12-dihydroxymethylbenz[a]anthracene to calf thymus DNA and its inhibition by glutathione transferase.

Health-risk estimates for 2,3,7,8-tetrachloro-dibenzodioxin: an overview.

Regulation by cell metabolism and adenine nucleotides of a K channel in insulin-secreting B cells (RIN m5F).

Bioactivation of MPTP: reactive metabolites and possible biochemical sequelae.

ATP depletion causes a reversible redistribution and inactivation of a subpopulation of galactosyl receptors in isolated rat hepatocytes.

Amino acid sequence of the serine active-site region of the medium-chain S-acyl fatty acid synthetase thioester hydrolase from rat mammary gland.

Cytokinin Biochemistry in Relation to Leaf Senescence : II. The Metabolism of 6-Benzylaminopurine in Soybean Leaves and the Inhibition of Its Conjugation.

Mutagenicity of the C-nitroso analog of fenitrothion.

Circadian alterations in prolactin, corticosterone, and thyroid hormone levels and down-regulation of prolactin receptor activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Biosynthesis of four rat liver mitochondrial acyl-CoA dehydrogenases: in vitro synthesis, import into mitochondria, and processing of their precursors in a cell-free system and in cultured cells.

Bacterial carbon-phosphorus lyase: products, rates, and regulation of phosphonic and phosphinic acid metabolism.

Solubility, retention, and metabolism of intratracheally and orally administered inorganic arsenic compounds in the hamster.

Covalent binding to DNA and mutagenicity of 2,4-diaminotoluene metabolites produced by isolated hepatocytes and 9000 g supernatant from Fischer 344 rats.

Ultrastructure of the choroid plexus epithelium of pigeons treated with drugs: I. Effect of Thyradin, 2,4-dinitrophenol, and cycloheximide.

Comparative effects of metabolic inhibition on the action potential from three experimental models of cardiac cells.

Regulation of amino acid influx and efflux at the basolateral plasma membrane of the salivary gland epithelium: effects of parasympathetic nerve stimulation.

Combinations of mesna with cyclophosphamide or adriamycin in the treatment of mice with tumors.

Structure and function of the Ah receptor: sulfhydryl groups required for binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin to cytosolic receptor from rodent livers.

Hepatic indices of thyroid status in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Enhanced uptake of carnitine by perfused rat liver following starvation.

Glycogenolytic, noninsulin-like effects of vanadate on rat hepatocyte glycogen synthase and phosphorylase.

The Ca²⁺-dependent actions of the alpha-adrenergic agonist phenylephrine on hepatic glycogenolysis differ from those of vasopressin and angiotensin.

Highly toxic coplanar PCBs: occurrence, source, persistency and toxic implications to wildlife and humans.

Acute toxicity in the guinea pig and in vitro "dioxin-like" activity of the environmental contaminant 1,2,4,5,7,8-hexachloro (9H)xanthene.

Monoxygenase induction by various xenobiotics and its influence on rat liver microsomal metabolism of chrysene in comparison to benz[a]anthracene.

Pathobiological effects of aldehydes in cultured human bronchial cells.

Output of bacterial metabolites as a diagnostic means.

Influence of some uremic toxins on oxygen consumption of rats in vivo and in vitro.

Toluene metabolism during exposure to varying concentrations combined with exercise.

Alcohol-induced hepatotoxicity: a role for oxygen free radicals.

The supply of metabolic substrate from glia to photoreceptors in the retina of the honeybee drone.

[Effect of oxidative metabolism inhibitors on ADH-dependent transport of water in the bladder of *Rana temporaria*].

Composition of diet modifies toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in cold-adapted rats.

The study of mutagenic activity of carcinogens and other chemical agents with *Salmonella typhimurium* assays: testing of 126 compounds.

Effect of thyroidectomy on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced lipid peroxidation.

The secretory mechanism in adrenal chromaffin cells by nitrophenol compounds: possible involvement of the change in the surface potentials.

Dome formation in cell cultures of chick embryo retinal pigment epithelium and effects of ouabain and 2,4-dinitrophenol thereon.

The roles of haemolymphatic lipoproteins in the oogenesis of *Rhodnius prolixus*.

Na⁺-linked active transport of ascorbate into cultured bovine retinal pigment epithelial cells: heterologous inhibition by glucose.

Measurement of in vivo lipid peroxidation and toxicological significance.

Expression vector promoting the synthesis and export of the human growth-hormone-releasing factor in *Escherichia coli*.

Metabolism and distribution of [¹⁴C]glucose in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Uptake of L-threo-dihydroxyphenylserine into human brain synaptosomes.

7-ethoxycoumarin O-deethylation in perfused livers from ethanol-fed rats: evidence for an important role of mitochondrial reducing equivalents.

[Mitochondrial oxidative phosphorylation in the rat kidney during the perinatal period].

The effect of a metabolic inhibitor upon the properties of the cerebral vasculature during a whole-head saline perfusion of the rat.

Polychlorinated biphenyls and related compound interactions with specific binding sites for thyroxine in rat liver nuclear extracts.

Relationship of basic research in toxicology to environmental standard setting: the case of polybrominated biphenyls in Michigan.

Amino acid sequence of UP1, an hnRNP-derived single-stranded nucleic acid binding protein from calf thymus.

Altered regulation of adrenal steroidogenesis in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

The effects of monensin on inhibition of steroidogenesis and disruption of the Golgi complex in adrenal cells are both reversible!

ACTH regulation of cholesterol movement in isolated adrenal cells.

Non-enzymatic synthesis of the coenzymes, uridine diphosphate glucose and cytidine diphosphate choline, and other phosphorylated metabolic intermediates.

Mechanism of nitrofen teratogenesis.

Effects of long-term exposure to pentachlorophenol on the free amino acid pool and energy reserves of the freshwater amphipod *Gammarus pseudolimnaeus* Bousfield (Crustacea, Amphipoda).

Acute effect of paraquat on lung fluid balance and prostanoid production in awake sheep.

Paraquat and two endogenous analogues of the neurotoxic substance N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine do not damage dopaminergic nigrostriatal neurons in the mouse.

Severe acute oxidant exposure: morphological damage and aerobic metabolism in the lung.

Effects of cerebro-protective agents on enzyme activities of rat primary glial cultures and rat cerebral cortex.

Effects of phenoxyacetic acids on the induction of chromosome aberrations in vitro and in vivo.

The role of pesticides in skin disease.

Comparative toxicity of MPTP, MPP+ and 3,3-dimethyl-MPDP+ to dopaminergic neurons of the rat substantia nigra.

Further studies of lipid peroxidation in human paraquat poisoning.

Morphological and biochemical correlates of chemical induced injury in the lung. A discussion.

Management of acute childhood poisonings caused by selected insecticides and herbicides.

Influence of lipid peroxidation on beta-adrenoceptors.

Sulfuric acid esters as major ultimate electrophilic and hepatocarcinogenic metabolites of 4-aminoazobenzene and its N-methyl derivatives in infant male C57BL/6J x C3H/HeJ F1 (B6C3F1) mice.

Kidney morphology and function in the young of rats malnourished and exposed to nitrofen during pregnancy.

Adjunctive therapy of phenytoin overdose--a case report using plasmaphoresis.

Structure-activity relationships of alpha, beta-unsaturated carbonylic compounds.

Effects of oxidative stress caused by hyperoxia and diquat. A study in isolated hepatocytes.

L-dopa reverses the effects of MPP+ toxicity.

Effect of tryptophan on 2,4-dichlorophenoxyacetic acid toxicity in the nitrogen-fixing-cyanobacterium *Nostoc linckia*.

Attenuation of cytogenetic damage by 2-mercaptoethanesulfonate in cultured human lymphocytes exposed to cyclophosphamide and its reactive metabolites.

Effects of cyanamide on body weight and brain monoamines and metabolites in rats.

Biological monitoring of agricultural workers exposed to pesticides: II. Monitoring of intact pesticides and their metabolites.

[Decomposition of H₂O₂ by human cataractous lenses].

Ultrastructural and histochemical observations in human and experimental alcoholic cardiomyopathy.

Histamine action in paraquat-induced lung injury.

The effect of dietary and chemically induced methylation deficiency on the metabolism of arsenate in the rabbit.

Porphyryns and pentachlorophenol in rat-liver mitochondria in hexachlorobenzene-induced porphyria.

Catalase-dependent ethanol metabolism in vivo in deermice lacking alcohol dehydrogenase.

Effects of thyroid status on brain catecholamine biosynthesis in adult rats: assessment by a steady-state method.

Studies on benzyl acetate. II. Use of specific metabolic inhibitors to define the pathway leading to the formation of benzylmercapturic acid in the rat.

Induction of cytochrome P-450-dependent sulfonylurea metabolism in *Streptomyces griseolus*.

The microsomal metabolism of pentachlorophenol and its covalent binding to protein and DNA.

Dermal exposure and urinary metabolite excretion in farmers repeatedly exposed to 2,4-D amine.

Further characterization of the distribution and metabolism of nitrofen in the pregnant rat.

The microsomal metabolism of hexachlorobenzene. Origin of the covalent binding to protein.

Comparative aspects of herbicide metabolism.

Metabolism of the cinnamon constituent o-methoxycinnamaldehyde in the rat.

Inhibition of CO₂ production from aminopyrine or methanol by cyanamide or crotonaldehyde and the role of mitochondrial aldehyde dehydrogenase in formaldehyde oxidation.

Action of some pesticides on T₄ to T₃ conversion in cultured kidney and liver cells in the presence or absence of cysteine.

Determination of residues of alachlor and its metabolite in corn, soybeans, and potatoes as heptafluorobutyryl-2,6-diethylaniline.

Metabolism of the "mixed" cytochrome P-450 inducer hexachlorobenzene by rat liver microsomes.

Kinetics of sulfation in the rat in vivo and in the perfused rat liver.

Role of catalase in metabolism of hydrogen peroxide by the perfused rat heart.

Energy-dependent uptake of N-methyl-4-phenylpyridinium, the neurotoxic metabolite of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine, by mitochondria.

Effects of pentachlorophenol and some of its known and possible metabolites on fungi.

Comparative studies on the mechanisms of paraquat and 1-methyl-4-phenylpyridine (MPP⁺) cytotoxicity.

Paraquat uptake into freshly isolated rabbit lung epithelial cells and its reduction to the paraquat radical under anaerobic conditions.

Mutagenicity of chloroolefins in the Salmonella/mammalian microsome test. III. Metabolic activation of the allylic chloropropenes allyl chloride, 1,3-dichloropropene, 2,3-dichloro-1-propene, 1,2,3-trichloropropene, 1,1,2,3-tetrachloro-2-propene and hexachloropropene by S9 mix via two different metabolic pathways.

Combined light and electron microscope immunocytochemical localization of scattered peptidergic neurons in the central nervous system.

5-Hydroxyindoleacetic acid and 5-hydroxytryptophol levels in rat brain: effects of ethanol, pyrazole, cyanamide and disulfiram treatment.

[Gas chromatography determination of 2-ethylhex-2-en-1-al and its metabolites in grain].

Observations on the biochemical basis of ethanol metabolism by human macrophages.

Chromatographic purification and identification of polar metabolites of benazolin-ethyl from soybean.

Metabolism and disposition of ortho-benzyl-para-chlorophenol in male rats.

Excretion of metabolites of hexachlorobenzene in the rat and in man.

The metabolism of xenobiotics by certain extrahepatic organs and its relation to toxicity.

Increased spontaneous chemiluminescence from liver homogenates and isolated hepatocytes upon inhibition of O₂- and H₂O₂ utilization.

In vitro study of paraquat effects on malondialdehyde formation in thymus cells.

The influence of conformational factors on the metabolic conjugation of aryloxyacetates.

The potential role of redox cycling as a mechanism for chemical teratogenesis.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in cold-adapted rats.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on IgA serum and bile levels in rats.

Kinetics of uptake and intracellular binding of Cyclosporine A in RAJI cells, in vitro.

Dinitrophenol in weight loss: the poison center and public health safety.

O₂ metabolites and neutrophil elastase synergistically cause edematous injury in isolated rat lungs.

Successful treatment of aplastic anemia associated with chronic thyroiditis and Sjögren's syndrome.

Clinical laboratory manifestations of exposure to dioxin in children. A six-year study of the effects of an environmental disaster near Seveso, Italy.

Two automated procedures for N-acetyl-beta-D-glucosaminidase determination evaluated for detection of drug-induced tubular nephrotoxicity.

Induction of 32- and 34-kDa stress proteins by sodium arsenite, heavy metals, and thiol-reactive agents.

Synthesis, biologic and toxic effects of the major 2,3,7,8-tetrachlorodibenzo-p-dioxin metabolites in the rat.

Biosynthesis of electron transfer flavoprotein in a cell-free system and in cultured human fibroblasts. Defect in the alpha subunit synthesis is a primary lesion in glutaric aciduria type II.

Hypercholesterolemia and the regulation of adrenal steroidogenesis in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

Effects of oxygen and glucose deprivation on vasoactivity in isolated bovine middle cerebral arteries.

Mechanism of phagocytosis by Schwann cells.

Endogenous ethanol--its metabolic, behavioral and biomedical significance.

Antibody responses in protein-energy restricted beef cows and their cold stressed progeny.

Toxicity and evidence for metabolic alterations in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated guinea pigs fed by total parenteral nutrition.

Effects of adenine and its isomer 4-aminopyrazolo-[3,4-d]-pyrimidine on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced mortality in rats.

Effects of thyroid hormones on the induction of cleft palate by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C57BL/6N mice.

Procarcinogen activation by rat and human mammary extracts.

Calmodulin antagonists inhibit dihydropyridine calcium channel activator (BAY-K-8644) induced cGMP synthesis in pituitary tumor cells.

Induction by phenobarbital in McA-RH7777 rat hepatoma cells of a polycyclic hydrocarbon inducible cytochrome P450.

Effect of combined treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and phototherapy on bilirubin metabolism in the jaundiced Gunn rat.

Immunosuppression without liver induction by subchronic exposure to 2,7-dichlorodibenzo-p-dioxin in adult female B6C3F1 mice.

Effect of ischemia-related metabolic factors on thallium exchange in cultured rat myocardial cells.

Alcohol and acetaldehyde in rat's milk following ethanol administration.

S-antigen-specific rat T cell lines recognize peptide fragments of S-antigen and mediate experimental autoimmune uveoretinitis and pinealitis.

Collagen in human aorta. Changes in the type III/I ratio and concentration of the reducible crosslink, dehydrohydroxylysinonorleucine in ascending aorta from healthy subjects of different age and patients with annulo-aortic ectasia.

Intermediary metabolism of the mature rat following 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment.

Uptake of 2,3,7,8-tetrachlorodibenzo-p-dioxin from plasma lipoproteins by cultured human fibroblasts.

Syntheses and effects of [Glu34]-thymopoietin II fragment 32-45 and its analogs on the impaired T-cell transformation in a patient with common variable immunodeficiency.

Comparative uptake, retention and cytotoxicity of daunorubicin by human myeloid cells.

Histopathology of interscapular brown adipose tissue, thyroid, and pancreas in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treated rats.

Insulin internalization into monocytes is decreased in patients with type II diabetes mellitus.

[Phases of muscular thermogenesis in experimental hyperthyroidism].

[Cytogenetic activity of metabolites of pesticides representing different classes of chemical compounds].

Further discussion concerning porphyria cutanea tarda and TCDD exposure.

The diagnosis of dioxin-associated illness.

[Guanylate cyclase activity of the rabbit myocardium in normal conditions and in allergic states].

BAY-K-8644-stimulated cyclic GMP synthesis in mouse pituitary tumor cells.

1-Methyl-4-phenylpyridine (MPP+) induces oxidative stress in the rodent.

Relationship of the wasting syndrome to lethality in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The relative induction of mixed-function oxidase specific activity to C-H and C-C1 bond strengths in polychlorinated derivatives of dibenzo-p-dioxin (PCDDs).

Energy dependent insulin binding, internalization and degradation in isolated cardiac myocytes from normal and diabetic rats.

A pilot epidemiologic study of possible health effects associated with 2,3,7,8-tetrachlorodibenzo-p-dioxin contaminations in Missouri.

CCl₄-induced toxicity in isolated hepatocytes: the importance of direct solvent injury.

Use of the oxidase electrode to determine tumor cell metabolism of peroxide.

A case of fatal sodium azide ingestion.

Increased type-III/type-I collagen ratios in diabetic human conjunctival biopsies.

Porphyrogenic effect of hexachlorobenzene and 2,3,7,8-tetrachlorodibenzo-para-dioxin: is an inhibitor involved in uroporphyrinogen decarboxylase inactivation?

Contribution of drug transport and reductases to daunorubicin resistance in human myelocytic cells.

Synthesis and structure-activity relationships of antibacterial phosphonopeptides incorporating (1-aminoethyl)phosphonic acid and (aminomethyl)phosphonic acid.

A review of porphyria and cancer and the missing link with human exposure to hexachlorobenzene.

The C57B1/6 nu/nu, lpr/lpr mouse. III. Autoimmunity status.

Relationship of alterations in energy metabolism to hypophagia in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The role of contaminants in hexachlorobenzene toxicity.

Effects on the fetal rat intestine of maternal malnutrition and exposure to nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether).

Inhibition of the low-K_m mitochondrial aldehyde dehydrogenase by diethyl maleate and phorone in vivo and in vitro. Implications for formaldehyde metabolism.

Decreased rat adrenal 21-hydroxylase activity associated with decreased adrenal microsomal cytochrome P-450 after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of induction of rat liver cytosolic aldehyde dehydrogenase on the oxidation of biogenic aldehydes.

Comparison of the three primary structures of deoxyribonuclease isolated from bovine, ovine, and porcine pancreas. Derivation of the amino acid sequence of ovine DNase and revision of the previously published amino acid sequence of bovine DNase.

Transport of thiamin across the blood-brain barrier of the rat in the absence of aerobic metabolism.

Effects of various inhibitors of oxidative phosphorylation on energy metabolism, macromolecular synthesis and cyclic AMP production in isolated rat thymocytes. A regulating role for the cellular energy state in macromolecular synthesis and cyclic AMP production.

Sabulodes caberata Guenée (Lepidoptera: Geometridae) : Components of its sex pheromone gland.

Somatic embryogenesis and subsequent plant regeneration from inflorescence callus of *Bambusa beecheyana* Munro var. *beecheyana*.

Mannose metabolism in corn and its impact on leaf metabolites, photosynthetic gas exchange, and chlorophyll fluorescence.

Possible ethnic difference in toluene metabolism: a comparative study among Chinese, Turkish and Japanese solvent workers.

Transport of cimetidine by the rat choroid plexus in vitro.

The mechanism by which cyclopiazonic acid potentiates accumulation of tetraphenylphosphonium in cultured renal epithelial cells.

Peroxidase, an alternate pathway to cytochrome P-450 for xenobiotic metabolism in skin: partial purification and properties of the enzyme from neonatal rat skin.

Amino acid sequence of the sex steroid binding protein of human blood plasma.

Hepatic regenerative enzyme activity after pericentral and periportal lobular toxic injury.

Mutagenicity of 4-nitrodiphenyl ether and its metabolites.

Activation of hepatocyte glycogen synthase by metabolic inhibitors.

Establishment of a parathyroid hormone-responsive phosphate transport system in vitro using cultured renal cells.

A fraction enriched in dendrodendritic synaptosomes isolated from rat olfactory bulb: morphology and transmitter release.

Characterization of a hormonogenic domain from human thyroglobulin.

Oxygen Isotope Exchange between Metabolites and Water during Biochemical Reactions Leading to Cellulose Synthesis.

25-Hydroxyvitamin D₃-23-hydroxylase, a renal enzyme in several animal species.

Examination of the differential hepatotoxicity of diallyl phthalate in rats and mice.

The metabolism of fungicides.

Reactive intermediates in pesticide metabolism: peracid oxidations as possible biomimetic models.

Metabolism of salicylate by isolated kidney and liver mitochondria.

Effects of individual terphenyls and polychlorinated terphenyls on rat hepatic microsomal cytochrome P-450-dependent monooxygenases: structure-activity relationships.

Binding of a metabolite of 3,4,3',4'-tetrachlorobiphenyl to transthyretin reduces serum vitamin A transport by inhibiting the formation of the protein complex carrying both retinol and thyroxin.

Metabolism and disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin in guinea pigs.

Characterization of the molecular forms of proenkephalin in bovine adrenal medulla and rat adrenal, brain, and spinal cord with a site-directed antiserum.

Chemical conversion of aspartyl peptides to isoaspartyl peptides. A method for generating new methyl-accepting substrates for the erythrocyte D-aspartyl/L-isoaspartyl protein methyltransferase.

Intestinal absorption of tetramethylammonium and its derivatives in rats.

Liquid chromatographic determination of fluridone aquatic herbicide and its metabolite in fish and crayfish.

Role of structure in diphenyl ether teratogenesis.

Metabolism and excretion of orally and intraperitoneally administered gallium arsenide in the hamster.

Mechanism of hepatotoxicity in periportal regions of the liver lobule due to allyl alcohol: studies on thiols and energy status.

Mechanisms of gentamicin transport in kidney epithelial cell line (LLC-PK1).

[The effect of induced hyperthermia on kidney function in dogs].

GABA-related activities of amino phosphonic acids on guinea-pig ileum longitudinal muscle.

In vivo ³¹P nuclear magnetic resonance studies of arsenite induced changes in hepatic phosphate levels.

Changes in hamster hepatic cytochrome P-450, ethoxycoumarin O-deethylase, and reduced NAD(P): menadione oxidoreductase following treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin. Partial dissociation of temporal and dose-response relationships from elicited toxicity.

Hepatic Ah receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin. Partial stabilization by molybdate.

[Protective effect of malotilate (diisopropyl 1,3-dithiol-2-ylidenemalonate) on chemical-induced hepatotoxicity].

Primary structure of sperm whale luteinizing hormone.

Teratogenicity of bifenoxy and nitrofen in rodents.

Concentration and chemical status of arsenic in the blood of pregnant hamsters during critical embryogenesis. 1. Subchronic exposure to arsenate utilizing constant rate administration.

Metabolism of the herbicide bromoxynil by *Klebsiella pneumoniae* subsp. *ozaenae*.

Disulfide bond formation between nerve growth factor and the nerve growth factor receptor from embryonic sensory neurons.

Microcalorimetric investigation of metabolism in rat hepatocytes cultured on microplates and in cell suspensions.

In vivo and in vitro evaluations of spermatotoxicity induced by 2-ethoxyethanol treatment.

Facilitated glucose transport across the retinal pigment epithelium of the bullfrog (*Rana catesbeiana*).

Effects of thyroidectomy on the Ah receptor and enzyme inducibility by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat liver.

Ah receptor mediating induction of aryl hydrocarbon hydroxylase: detection in human lung by binding of 2,3,7,8-[³H]tetrachlorodibenzo-p-dioxin.

Uptake and release of kyotorphin in rat brain synaptosomes.

Properties of cAMP-induced transmembrane current in mollusc neurons.

Thyroid status and thermogenesis in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Thiopental inhibits K⁺ permeability of rat and mouse pancreatic beta-cells.

Relationship between Mefluidide Treatment and Abscisic Acid Metabolism in Chilled Corn Leaves.

Heat inactivation of starch synthase in wheat endosperm tissue.

Actin cytoskeleton of spread fibroblasts appears to assemble at the cell edges.

Genotoxicity of allyl compounds--a quick screening strategy based on structure-activity relationships and a battery of prescreening tests.

Effect of aminophylline on hindlimb blood flow autoregulation during increased metabolism in dogs.

Metabolic inhibitors block anaphase A in vivo.

Hepatocellular uptake of oleate is energy dependent, sodium linked, and inhibited by an antibody to a hepatocyte plasma membrane fatty acid binding protein.

The glutathione redox cycle as a defense system against hydrogen-peroxide-induced prostanoid formation and vasoconstriction in rabbit lungs.

Immobilization of pig liver microsomes. Stability of cytochrome P-450-dependent monooxygenase activities.

Isoflurane--a study of its adrenoceptor interaction in the isolated rat parotid gland.

Amino acid sequence and disulfide bridges of subunit III, a defective endopeptidase present in the bovine pancreatic 6 S procarboxypeptidase A complex.

Red blood cells contain a pathway for the degradation of oxidant-damaged hemoglobin that does not require ATP or ubiquitin.

Transport of N-acetyl-S-pentachloro-1,3-butadienylcysteine by rat renal cortex.

[Cytochrome P-448 induction in liver microsomes of mice of inbred strains after administration of xenobiotics of MC-type].

Effect of growth hormone on fatty acid oxidation: growth hormone increases the activity of 2,4-dienoyl-CoA reductase in mitochondria.

2,3,7,8-Tetrachlorodibenzo-p-dioxin metabolism and disposition in yellow perch.

Metabolism and disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rainbow trout.

Intestinal surface acid microclimate in vitro and in vivo in the rat.

Insulin stimulation of glucose metabolism in rat adipocytes: possible implication of protein kinase C.

Cellular uptake of 3,5,3'-triiodothyronine and thyroxine by red blood and thymus cells.

Pyruvate metabolism of perfused rat lungs after exposure to 100% oxygen.

Effects of 1,1,1-trichloroethane on the cGMP metabolism in mouse brain.

Prostaglandin release by the chick embryo heart is increased by 2,3,7,8-tetrachlorodibenzo-p-dioxin and by other cytochrome P-448 inducers.

Inhibition of ACTH action on cultured bovine adrenal cortical cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin through a redistribution of cholesterol.

The effect of substrate on the expression of activity catalyzed by cytochrome P-450: metabolism mediated by rabbit isozyme 6 in pulmonary microsomal and reconstituted monooxygenase systems.

Altered polyamine metabolism in Chinese hamster cells growing in a defined medium.

The in situ perfused spinal cord of the rat. Applicability of drugs and chemicals, sodium-lithium exchange, and calcium reduction to functional intact central nervous system tissue.

Regulation of rat and bovine adrenal metabolism of polycyclic aromatic hydrocarbons by adrenocorticotropin and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Functional hepatocellular heterogeneity determined by the hepatotoxins allyl alcohol and bromobenzene in immature and adult Fischer 344 rats.

Amino acid sequence of bovine brain derived class 1 heparin-binding growth factor.

Insulin antagonizes epinephrine activation of the membrane transport of fatty acids. Potential site for hormonal suppression of lipid mobilization.

Metabolism and bioconversion of chromene derivatives in *Ageratina adenophora* (Asteraceae).

Metabolites of xenobiotics in the bile of fish in waterways polluted by pulp mill effluents.

The role of formaldehyde in hydrazine-induced methylation of liver DNA guanine.

Chlorinated paraffins: formation of sulphur-containing metabolites of polychlorohexadecane in rats.

Screening for the ability of hexachlorobenzene metabolites to decrease rat liver porphyrinogen carboxylase.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on lipid peroxidation in microsomal systems in vitro.

Rubidium uptake by mouse pancreatic islets exposed to 6-hydroxydopamine, ninhydrin, or other generators of hydroxyl radicals.

The complete amino acid sequence of the cellular retinoic acid-binding protein from bovine retina.

Inhibitory action of hydralazine on catecholamine-synthesizing enzymes prepared from bovine adrenal medulla.

The effect of inhibitors of mitochondrial energy production on hepatic glutathione, UDP-glucuronic acid, and adenosine 3'-phosphate-5'-phosphosulfate concentrations.

Uncoupling effects of 2,4-dinitrophenol on electron transfer reactions and cell bioenergetics in rat brain in situ.

Antigen-stimulated metabolism of inositol phospholipids in the cloned murine mast-cell line MC9.

Quantitative determination of the pentose phosphate pathway in preimplantation mouse embryos.

Complete amino acid sequence and location of the five disulfide bridges in porcine pancreatic alpha-amylase.

Effect of fasting and acute ethanol administration on the energy state of in vivo liver as measured by ³¹P-NMR spectroscopy.

Uptake of benzylpenicillin, cefpiramide and cefazolin by freshly prepared rat hepatocytes. Evidence for a carrier-mediated transport system.

Evidence for the rapid internalization and recycling of lutropin receptors in rat testis Leydig cells.

Airborne arsenic and urinary excretion of metabolites of inorganic arsenic among smelter workers.

Metabolism of hexachlorobenzene (HCB) in the isolated perfused rat liver.

Structural characterization of adrenal chromogranin A and parathyroid secretory protein-I as homologs.

Studies on the metabolism of the neurotoxic tri-o-cresyl phosphate. Distribution, excretion, and metabolism in male cats after a single, dermal application.

Studies on the metabolism of the neurotoxic tri-o-cresyl phosphate. Synthesis and identification by infrared, proton nuclear magnetic resonance and mass spectrometry of five of its metabolites.

Halogenated hydrocarbon and hydroperoxide-induced peroxidation in rat tissue slices.

Biological reactive metabolites in human toxicity.

The importance of aspartate aminotransferase for platelet aggregation.

Relationship between ²⁰¹Tl uptake and oxidative metabolism in cultured myocardial cells.

Studies on the mechanism of gastrointestinal absorption of melphalan and chlorambucil.

Iron-induced peroxidative injury to isolated rat hepatic mitochondria.

Ability of several hexachlorobenzene metabolites to decrease rat-liver porphyrinogen carboxy-lyase and to produce porphyrin accumulation in chick-embryo liver.

Functional derangement of liver mitochondria from hexachlorobenzene-treated rats.

The reorganization of the Golgi complex in anoxic pancreatic acinar cells.

Ultrastructural localization of phenylethanolamine N-methyltransferase in sensory and motor nuclei of the vagus nerve.

Effects of estradiol and progesterone on immunoreactive forms of hypothalamic luteinizing hormone-releasing hormone.

[Mutagenic activity of carcinogens and other chemical agents in *Salmonella typhimurium* tests].

The bacterial mutagenicity of nitropolychlorinated dibenzo-p-dioxins.

Brown adipose tissue is a target tissue in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induced toxicity.

[Effects of three different metabolic inhibitors (2,4-dinitrophenol, iodoacetic acid, 2,4-fluorodinitrobenzene) on the contractility of the genioglossus and sartorius muscles].

Cause and prevention of mafosfamide-induced venous pain.

Glutathione peroxidase and reactive oxygen species in TCDD-induced lipid peroxidation.

The synthesis of the neuropeptide Met-enkephalin and two metabolic fragments labelled with ¹¹C in the methionine methyl group.

Cell-to-cell adhesion of dissociated embryonic brain cells; the effects of metabolic inhibitors and temperature.

The kinetics of calcium influx into rat liver slices.

The in vitro metabolism of Eulan WA New by liver homogenates from freshwater fish.

The effect of some hepatotoxins on the sulphoxidation of cimetidine in rat.

Respiratory adjustments of the unanaesthetized chicken, *Gallus domesticus*, to elevated metabolism elicited by 2,4-dinitrophenol or cold exposure.

Assessment of pentachlorophenol toxicity in newborn calves: clinicopathology and tissue residues.

Comparative behavioral, biochemical and pigmentary effects of MPTP, MPP+ and paraquat in *Rana pipiens*.

Chick brain hypomyelination produced by 2,4-dichlorophenoxyacetic butyl ester treatment.

Conformational analysis of environmental agents: use of X-ray crystallographic data to determine molecular reactivity.

Teratogenicity and embryoletality of acrolein and structurally related compounds in rats.

Response of the medullary thick ascending limb to hypothyroidism in the rat.

Effects of the cyclophosphamide metabolite acrolein in mammalian limb bud cultures.

[Food stimulation of the detoxifying system of the liver in preventing pesticide poisonings].

Systematically applied chemicals that damage lung tissue.

Formation, toxicity and inactivation of acrolein during biotransformation of cyclophosphamide as studied in freshly isolated cells from rat liver and kidney.

Acute and subchronic toxicity of 2,4-dichlorophenol in CD-1 mice.

Pentachlorophenol intoxication: report of a fatal case, with comments on the clinical course and pathologic anatomy.

The genotoxicity of 2-bromoacrolein and 2,3-dibromopropanal.

Increased rates of sister chromatid exchanges induced by the herbicide 2,4-D.

Effects of four aromatic organic pollutants on microbial glucose metabolism and thymidine incorporation in marine sediments.

The postnatal effects of prenatal exposure to low doses of nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether) in Sprague-Dawley rats.

Enhanced peroxisomal beta-oxidation of fatty acids and glutathione metabolism in rats exposed to phenoxyacetic acids.

Hemoperfusion-hemodialysis ineffective for paraquat removal in life-threatening poisoning?

The use of graphic methods in working up multivariate data in toxicology.

DNA-damaging properties and cytotoxicity in human fibroblasts of tetrachlorohydroquinone, a pentachlorophenol metabolite.

Pathogenesis of acute and chronic lung injury induced by foreign compounds.

Mechanisms of tobacco smoke toxicity on pulmonary macrophage cells.

Investigation of adrenal steroids and 25-hydroxy-cholecalciferol in human gramoxone poisoning.

Occupational exposures associated with male reproductive dysfunction.

Potential of thyroxine 5-deiodination by aminotriazole.

Major role of hepatic sulfotransferase activity in the metabolic activation, DNA adduct formation, and carcinogenicity of 1'-hydroxy-2',3'-dehydroestragole in infant male C57BL/6J x C3H/HeJ F1 mice.

Effects of thyroid hormone on Na-K-adenosine triphosphatase activity along the rat nephron.

Induction of superoxide dismutase, chromosomal aberrations and sister-chromatid exchanges by paraquat in Chinese hamster fibroblasts.

The role of neutrophils in the development of cadmium chloride-induced emphysema in lathyrogen-fed hamsters.

Hydrogen peroxide has a role in the aggregation of human platelets.

Inhibition by 3-amino-1H-1,2,4-triazole of hepatic tumorigenesis induced by diethylstilbestrol alone or combined with N-nitrosobutylurea in WF rats.

The role of pentachlorophenol in causing mitochondrial derangement in hexachlorobenzene induced experimental porphyria.

A multi-dimensional examination of the positive reinforcing properties of acetaldehyde.

Patterns of pulmonary structural remodeling after experimental paraquat toxicity. The morphogenesis of intraalveolar fibrosis.

Protective effects of trifluralin on benzo(a)pyrene-induced tumors in A/J mice.

The pentose phosphate cycle is regulated by NADPH/NADP ratio in rat liver.

Metabolism of pentachlorophenol to tetrachlorohydroquinone by human liver homogenate.

Norflurazon--an inhibitor of essential fatty acid desaturation in isolated liver cells.

The effect of paraquat on the mutagenicity of benzo(a)pyrene.

3-Substituted 2-halopropenals: mutagenicity, detoxification and formation from 3-substituted 2,3-dihalopropanal promutagens.

The roles of the hepatocellular redox state and the hepatic acetaldehyde concentration in determining the ethanol elimination rate in fasted rats.

The metabolic fate of 2,4-dichlorophenoxyacetic acid-n-butyl ester in the Wistar rat.

Identification and quantification of metabolite conjugates of activated cyclophosphamide and ifosfamide with mesna in urine by ion-pair extraction and fast atom bombardment mass spectrometry.

Demonstration of H₂O₂ production in vivo during aminopyrine metabolism and phenobarbital induction.

Arsenic uptake, cytotoxicity and detoxification studied in mammalian cells in culture.

Incorporation of the 1-pro-R and 1-pro-S hydrogen atoms of ethanol in the reduction of acids in the liver of intact rats and in isolated hepatocytes.

[High performance liquid chromatography determination of dichlorprop and its metabolites].

Liquid chromatographic determination of the herbicide diuron and its metabolite 3,4-dichloroaniline in asparagus.

Study of inorganic arsenic methylation by rat liver in vitro: relevance for the interpretation of observations in man.

Solid-state NMR determination of glyphosate metabolism in a *Pseudomonas* sp.

Metabolic activation of 2-methylfuran by rat microsomal systems.

Induction of rat hepatic drug metabolizing enzymes by substituted urea herbicides.

Mechanism of allyl alcohol toxicity and protective effects of low-molecular-weight thiols studied with isolated rat hepatocytes.

[Effect of various herbicides on the parotid glands and oral mucosa of rats].

Metabolism and excretion of orally administered arsenic trioxide in the hamster.

In vitro evidence for an intracellular mechanism limiting the thyroid follicular cell growth response to thyrotropin.

Regulation of expression of the ADE3 gene for yeast C1-tetrahydrofolate synthase, a trifunctional enzyme involved in one-carbon metabolism.

Cyclophosphamide-induced depression of the antioxidant defense mechanisms of the lung.

Use of cyanamide to determine localization of acetaldehyde metabolism in rat liver.

Aldehyde dehydrogenase activity as the rate-limiting factor for acetaldehyde metabolism in rat liver.

Metabolic activation of 3-(2-chloroethoxy)-1,2-dichloropropene: a mutagen structurally related to diallate, triallate, and sulfallate.

The pulmonary uptake, accumulation, and metabolism of xenobiotics.

The effect of paraquat on the peroxide metabolism enzymes in erythrocytes of freshwater fish species.

Evaluation of immune function in mice exposed to Ordram.

Modulation of rat hepatic microsomal testosterone hydroxylases by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related toxic isostereomers.

Surface functions during mitosis in rat basophilic leukemia cells.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and fasting on body weight and lipid parameters in rats.

Hepatotoxicity due to allyl alcohol in deermice depends on alcohol dehydrogenase.

Relationship between intact cell ATP levels and glucocorticoid receptor-binding capacity in the AtT-20 cell.

Efficient clearance of non-transferrin-bound iron by rat liver. Implications for hepatic iron loading in iron overload states.

Polychlorinated dibenzofurans (PCDFs): correlation between in vivo and in vitro structure-activity relationships.

Amino acid sequence of human tumor derived angiogenin.

[Blood chemiluminescence in the diagnosis of acute inflammatory diseases of the abdominal organs].

Circulatory responses to 2,4-dinitrophenol in dog limb during normoxia and hypoxia.

ATP depletion and loss of cell integrity in anoxic hepatocytes and silica-treated P388D1 macrophages.

Actions of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on human epidermal keratinocytes in culture.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and 2,3,7,8-tetrachlorodibenzofuran (TCDF) in pregnant C57BL/6N mice: distribution to the embryo and excretion.

Hydrogen peroxide from cellular metabolism of cystine. A requirement for lysis of murine tumor cells by verneolepin, a glutathione-depleting antineoplastic.

Detection and characterization of high affinity plasma membrane receptors for human interleukin 1.

Comparison of aryl hydrocarbon hydroxylase and acetanilide 4-hydroxylase induction by polycyclic aromatic compounds in human and mouse cell lines.

[Isolated exocrine pancreas cells--a model for the study of the pathogenesis of experimental acute pancreatitis].

Intestinal absorption studies with glycyl-proline, glycine and ethanol in rats infected with Eimeria nieschulzi.

Experimentally induced defects of mitochondrial metabolism in rat skeletal muscle. Biological effects of the mitochondrial uncoupling agent 2,4-dinitrophenol.

alpha-1-Antitrypsin metabolism in the protein-deficient weanling rat.

Androgenic deficiency in male rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Illness associated with contamination of drinking water supplies with phenol.

Chloracne, "the hallmark of dioxin intoxication".

Comparative hepatic response to bromobenzene and allyl alcohol in the vitamin D-replete and vitamin D-depleted rat.

Toxicity and fetotoxicity of TCDD, TCDF and PCB isomers in rhesus macaques (*Macaca mulatta*).

Toxicity of chlorinated aromatic compounds in animals and humans: in vitro approaches to toxic mechanisms and risk assessment.

[Metabolism of 1,2-dichloroethane in the human body in acute poisonings].

The urinary excretion of bacterial amino-acid metabolites by rats fed saccharin in the diet.

Relationship between 3H-histamine uptake and H₂-receptors in the human promyelocytic leukemia cell line HL-60.

Dose-related effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C57BL/6J and DBA/2J mice.

Control of cytochrome P1-450 gene expression by dioxin.

[Dependence of the nature of the action of metabolic inhibitors on ribosomal RNA synthesis in Ehrlich ascites carcinoma cells on cell integrity].

Metabolic energy pathways in *Theileria annulata* sporozoites and their significance in sporozoite-bovine lymphocyte interactions in vitro.

[Effect of neuroleptic, adreno- and cholinolytic agents on cerebral cortical function in edema].

Gas chromatographic profiling of phenolic acids in urine of patients with cirrhosis of the liver.

Effect of thyroidectomy and thyroxine on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immunotoxicity.

Mutations affecting the regulation of transcription of the cytochrome P1-450 gene in the mouse Hepa-1 cell line.

A study of the mutagenic effect of 3-methyl-4-nitrophenol on the somatic cells of the mouse.

Functional compartmentation of glycolytic versus oxidative metabolism in isolated rabbit heart.

Immunoradiometric assay to measure the in vitro penetration of sporozoites of malaria parasites into hepatoma cells.

Thyroid hormones modulate the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

[Determination of free serum phenol by gas-liquid chromatography in hemosorption].

The role of receptors in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity.

Lithium ions inhibit function of low- but not high-affinity muscarinic receptors of murine neuroblastoma cells (clone N1E-115).

Ability of several hexachlorobenzene metabolites to induce porphyrin accumulation in chick embryo liver "in ovo".

Gonadotropin releasing hormone activation is mediated by dimerization of occupied receptors.

Sympathetic neurons grown in culture generate ATP by glycolysis: correlation between ATP content and [3H]norepinephrine uptake and storage.

Mechanism of the stimulation of respiration by fatty acids in rat liver.

[³¹P-NMR and HPLC studies on the energy metabolism of perfused chondrocytes].

Mechanism of fluid secretion in isolated shark renal proximal tubules.

Effects of idebenone (CV-2619) and its metabolites on respiratory activity and lipid peroxidation in brain mitochondria from rats and dogs.

Inhibition of prostaglandin generation in the rabbit brain in-vivo by AD-1590, a non-steroidal anti-inflammatory agent with potent antipyretic activity.

Comparison of in vivo and in vitro methods for assessing the effects of phenobarbital on the hepatic drug-metabolizing enzyme system.

Comparison of in vivo and in vitro methods for assessing effects of allyl alcohol on the liver.

Fatty acid-dependent ethanol metabolism.

Disruption of phosphatidylserine translocation to the mitochondria in baby hamster kidney cells.

Inhibition of mitochondrial aldehyde dehydrogenase and acetaldehyde oxidation by the glutathione-depleting agents diethylmaleate and phorone.

Binding, internalization, and degradation of atrial natriuretic peptide in cultured vascular smooth muscle cells of rat.

Plasma levels and kinetic disposition of 2,4-dinitrophenol and its metabolites 2-amino-4-nitrophenol and 4-amino-2-nitrophenol in the mouse.

Cytokinin contents and specific characteristics of tissue strains from three sexual genotypes of *Mercurialis annua* : Evidence for sex-gene involvement at callus-tissue level.

Hormonal Regulation of the Lectin Biosynthesis in Callus Culture of the *Phaseolus vulgaris* Plant.

Glycoproteins on the surface of smooth muscle cells involved in their interaction with type V collagen.

Hepatic metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the rat and guinea pig.

Neurotoxicity and metabolism of methyl bromide in rats.

Gas-liquid chromatographic analysis of ethanol and acetaldehyde in blood with minimal artifactual acetaldehyde formation.

The cytochrome P-450 monooxygenase system of rabbit bladder mucosa: enzyme components and isozyme 5-dependent metabolism of 2-aminofluorene.

Mechanism of tachycardia caused by intracarotid PGE₂ in conscious ewes.

Role of membranes and energy-producing reactions in cellular processing of insulin in primary cultures of rat hepatocytes.

Central thyrotropin-releasing hormone elicits systemic hypoglycemia in mice.

Synthesis and processing of mitochondrial steroid hydroxylases. In vivo maturation of the precursor forms of cytochrome P-450_{sc}, cytochrome P-450(11)_β, and adrenodoxin.

NTP Toxicology and Carcinogenesis Studies of 1,2-Dichlorobenzene (o-Dichlorobenzene) (CAS No. 95-50-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Reasons for possible failure of inoculation to enhance biodegradation.

Isolation and characterization of a neurophysin from ostrich neurohypophyses.

Influence of high dietary iron as ferrous carbonate and ferrous sulfate on iron metabolism in young calves.

Effect of vapor concentration on the disposition of inhaled 2,3-dichloropropene in Fischer-344 rats.

Effect of thyroid hormones on liver microsomal enzyme induction in rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Acute polybrominated biphenyl toxicosis alters vitamin A homeostasis and enhances degradation of vitamin A.

Concanavalin A stimulates neuron-substratum adhesion and nerve fiber outgrowth in culture.

Analysis of the binding of a hemopoietic growth factor, P-cell-stimulating factor, to a cell surface receptor using quantitative absorption of bioactivity.

Primary structure of p19 species of avian sarcoma and leukemia viruses.

Calcium secretion in canine tracheal mucosa.

A light-enhanced metabolism of sulfite in cells of *Cucumis sativus* L. cotyledons.

beta-Ketoadipate pathway in *Trichosporon cutaneum* modified for methyl-substituted metabolites.

A novel giant secretion polypeptide in *Chironomus* salivary glands: implications for another Balbiani ring gene.

Leukotriene production in rat peritoneal leukocytes requires intact energy metabolism.

Influence of extracellular phosphate concentrations on the regulation of hepatic glucose output.

Uptake of glucose analogues into cultured cerebral microvessel endothelium.

Phosphate uptake by primary renal proximal tubule cell cultures grown in hormonally defined medium.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) as a potent and persistent thyroxine agonist: a mechanistic model for toxicity based on molecular reactivity.

Amino acid sequence of the UP1 calf thymus helix-destabilizing protein and its homology to an analogous protein from mouse myeloma.

Hormonal regulation of benzo[a]pyrene metabolism in human adrenocortical cell cultures.

Effects of ATP and cyclic AMP on the (Na⁺ + K⁺ + 2Cl⁻)-cotransport system in turkey erythrocytes.

The primary structure of two polypeptide chains from preparations of homeostatic thymus hormone (HTH alpha and HTH beta) entire-chain identities to two histones.

[Primary structure of 20S,22R-cholesterol-hydroxylating cytochrome P-450 from bovine adrenal cortex mitochondria. IV. Structure of peptides of thermolytic and limited tryptic hydrolysis of the fragment F1; peptides of cyanogen bromide hydrolysis of cytochrome P-450. Complete amino acid sequence].

Effect of heavy metals on cellular growth, metabolism and integrity of cultured Chinese hamster kidney cells.

Effect of furosemide on ion transport in the turtle bladder: evidence for direct inhibition of active acid-base transport.

Properties and biochemical characterization of NADH 5 alpha-reductase from rat liver microsomes.

Elevation of hepatic microsomal epoxide hydrolase activity by 2-acetylaminofluorene: role of metabolism.

Cytochrome P-450 monooxygenase system. Localization in smooth muscle of rabbit aorta.

N-sulfoxy-2-aminofluorene is the major ultimate electrophilic and carcinogenic metabolite of N-hydroxy-2-acetylaminofluorene in the livers of infant male C57BL/6J x C3H/HeJ F1 (B6C3F1) mice.

Inhibition by pesticides of prostaglandin formation in blood platelets.

Effect of triiodothyronine on alcohol dehydrogenase and aldehyde dehydrogenase activities in rat liver. Implications for the control of ethanol metabolism.

Metabolism of 2-acetylaminofluorene in isolated rabbit pulmonary cells. Evidence for the heterogeneous distribution of monooxygenase activity in lung tissue.

Inhibition of purified rat liver glutathione S-transferase isozymes by diuretic drugs.

Release of carnitine from the perfused rat liver.

Sublethal effects of simulated pulp mill effluents on the respiration and energy metabolism of rainbow trout (*Salmo gairdneri*).

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the uptake, distribution and excretion of a single oral dose of [11,12-³H]retinyl acetate and on the vitamin A status in the rat.

Fasciola hepatica: motility response to metabolic inhibitors in vitro.

The metabolic fate of pargyline in rat liver microsomes.

Metabolism of estradiol by true and pseudoperoxidases.

Comparative effects of sodium azide and aminophylline on the rat isolated uterus during muscle activation.

The primary structure of bovine cellular retinoic acid-binding protein.

Continued depression of hepatic uroporphyrinogen decarboxylase activity caused by hexachlorobenzene or 2,3,7,8-tetrachlorodibenzo-p-dioxin despite regeneration after partial hepatectomy.

Metabolic activation of mutagenic N-hydroxyarylamines by O-acetyltransferase in *Salmonella typhimurium* TA98.

Different effects of various beta-adrenoceptor antagonists on adenylate cyclase, guanylate cyclase and calmodulin-dependent phosphodiesterase in heart.

Maintenance of the integrity of the blood-brain barrier in the rat during an in situ saline-based perfusion.

Effect of anion-specific inhibitors on the utilization of sugar nucleotides for N-linked carbohydrate unit assembly by thyroid endoplasmic reticulum vesicles.

Conversion of 5-aminolaevulinate into haem by homogenates of human liver. Comparison with rat and chick-embryo liver homogenates.

Renal transport of gossypol in the rabbit.

Carcinogenicity of diallylnitrosamine following intragastric administration to Syrian hamsters.

Monooxygenase induction by various xenobiotics and its influence on the rat liver microsomal metabolite profile of benz[a]anthracene.

Identification of the major metabolite of 4,4'-thio-bis-(6-t-butyl-m-cresol).

The modulation by arylamines of the in vitro formation of superoxide anion radicals and hydrogen peroxide by rat liver microsomes.

Characterization of long-lasting histaminergic inhibition in a beating pacemaker neuron of *Onchidium*.

Disposition of [¹⁴C]methyl bromide in rats after inhalation.

Chemiluminescence by peripheral blood phagocytes from channel catfish: function of opsonin and temperature.

Absence of lipid peroxidation as determined by ethane exhalation in rats treated with 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin (TCDD).

Respiration and energy conservation in the filarial worm *Litomosoides carinii*.

In vivo and in vitro metabolism of 2,4-dinitrotoluene in strain A mice.

Nonspecific cytotoxic cells in fish (*Ictalurus punctatus*). V. Metabolic requirements of lysis.

Lipid peroxidation modifies the effect of phenolic anti-inflammatory drugs on prostaglandin biosynthesis.

Allyl isothiocyanate is mutagenic in *Salmonella typhimurium*.

Maintenance of prolactin (PRL) binding sites in rat liver cells in suspension culture: effect of PRL and of inhibitors of various cellular functions.

[Effect of metabolic inhibitors on formed novocaine and neutral red segregation zones in frog erythrocytes].

Characteristics of the nerve growth factor receptors and a nerve growth factor receptor--nerve growth factor covalent complex.

Calcium dependent modulation of histamine release from mast cells by sodium and potassium.

Selective depression of thymus-independent anti-DNP antibody responses induced by adult but not neonatal splenectomy.

Toxicity of 3,4,5,3',4',5'-hexabrominated biphenyl and 3,4,3',4'-tetrabrominated biphenyl.

Potentiated hepatotoxicity from concurrent administration of acetaminophen and allyl alcohol to rats.

Influence of phenobarbital and TCDD on the hepatic metabolism of TCDD in the dog.

Double-bond location in monounsaturated fatty acids by dimethyl disulfide derivatization and mass spectrometry: Application to analysis of fatty acids in pheromone glands of four lepidoptera.

Production of a Lectin in Tissue Cultures of *Dolichos biflorus*.

Roles of Ca^{2+} and Na^{+} on the modulation of antidiuretic hormone action on urea permeability in toad urinary bladder.

Molecular interactions of toxic chlorinated dibenzo-p-dioxins and dibenzofurans with thyroxine binding prealbumin.

Activation of Na^{+} -dependent transport at fertilization in the sea urchin: requirements of both an early event associated with exocytosis and a later event involving increased energy metabolism.

The amino acid sequence of pancreatic spasmolytic polypeptide.

Characteristics of the formation and membrane transport of 7-hydroxymethotrexate in freshly isolated rabbit hepatocytes.

Demonstration of arginyl-bradykinin moiety in rat HMW kininogen: direct evidence for liberation of bradykinin by rat glandular kallikreins.

Binding and function of mitochondrial glycerol kinase in comparison with those of mitochondrial hexokinase.

Induction of methotrexate release from rat hepatocytes in suspension by alpha-adrenergic agents: involvement of calcium and metabolic energy.

Characterization of parathyroid hormone fragments produced by cathepsin D.

Additional routes in the metabolism of phenacetin.

Variations among untreated rabbits in benzo(a)pyrene metabolism and its modulation by 7,8-benzoflavone.

Use of a new citrulline incorporation assay to investigate inhibition of intercellular communication by 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane in human fibroblasts.

A hydroxylapatite microassay for receptor binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3-methylcholanthrene in various target tissues.

Mechanism of action of toxic halogenated aromatics.

Effect of sodium azide and sodium selenite on prostaglandin synthesis in rabbit kidney medulla slices.

Mitochondrial and extramitochondrial Ca²⁺ pools in the perfused rat liver. Mitochondria are not the origin of calcium mobilized by vasopressin.

Characterization of hog thyroid peroxidase.

[Secretin and pancreatic secretion in iron absorption].

Cytochemical localization of hydrogen peroxide generating sites in the rat thyroid gland.

Mutagen testing of agricultural chemicals with yeast.

[Metabolism and excretion of methylarsonic acid].

The validity of urinary metabolites as indicators of low exposures to toluene.

Pharmacological study on the effects of some ocular hypotensive drugs on aqueous humor formation in the arterially perfused enucleated rabbit eye.

Fetal thymus organ culture as an in vitro model for the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin and its congeners.

Formation of glutathione conjugates by reactive metabolites of vinylidene chloride in microsomes and isolated hepatocytes.

Aminopyrine breath test and zonal hepatic damage in rats.

Degradation of insulin by human fibroblasts: effects of inhibitors of pinocytosis and lysosomal activity.

Assessment of exposure to organophosphate insecticides during spraying in Haiti: monitoring of urinary metabolites and blood cholinesterase levels.

Metabolic fate and cardiovascular effects of arsenic in rats and rabbits chronically exposed to trivalent and pentavalent arsenic.

Allyl alcohol toxicity in isolated renal epithelial cells: protective effects of low molecular weight thiols.

Calcium accumulating ability of mitochondria from bovine coronary artery. Comparison with aortic mitochondria.

A metabolite of riboflavin binds to the 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) receptor.

Effects of metabolic inhibitors on evoked activity and the energy state of hippocampal slices superfused in vitro.

Carbohydrate, protein and glycoprotein metabolism by the guinea-pig liver in chronic metribuzin poisoning.

Regulation by calcium of hormone-insensitive adenylate cyclase and calmodulin-dependent guanylate cyclase in *Tetrahymena* plasma membrane.

Cyclophosphamide teratogenesis: a review.

Axoplasmic transport of substances in motoneuronal axons of the spinal cord in old age.

Incorporation of C¹⁴-thymidine and C¹⁴-uridine nucleosides into nucleic acid molecules in the liver of mice exposed to trivalent arsenic in drinking water.

Recent state of lindane metabolism. Part III.

Plasma glutathione disulfide as an index of oxidant stress in vivo: effects of carbon tetrachloride, dimethylnitrosamine, nitrofurantoin, metronidazole, doxorubicin and diquat.

The occurrence, metabolism and toxicity of cinnamic acid and related compounds.

Effect of pentachlorophenol on hepatic glycogen metabolism in rats.

Molecular requirements for the mutagenicity of malondialdehyde and related acroleins.

Distribution and toxicity of monosodium methanearsonate following oral administration of the herbicide to dairy sheep and goats.

Tissue slices in the study of lung metabolism and toxicology.

Testing of 2,4,5-T-amino acid conjugates for mutagenic activity in *Salmonella typhimurium* strains.

Evaluation of diallate and triallate herbicides for genotoxic effects in a battery of in vitro and short-term in vivo tests.

Effects of dietary methionine, methylmercury, and atrazine on ex-vivo synthesis of prostaglandin E₁ and thromboxane B₂.

The antispermatogenic effect and toxicity of 2, 4-dinitro-6-tert-butylphenyl methanesulfonate on Sprague-Dawley rat.

Pentose pathway of glucose metabolism in isolated granular pneumocytes. Metabolic regulation and stimulation by paraquat.

Use of plant cell cultures to study the metabolism of environmental chemicals.

Ascorbic acid potentiates the substrate-specific inhibition of mixed-function oxidation and the stimulation of NADPH oxidation caused by paraquat.

The acute effects of single and repeated injections of acrolein and other aldehydes.

The effect of the phenoxyacetic acid herbicides 2,4,5-trichlorophenoxyacetic acid and 2,4-dichlorophenoxyacetic acid as ascertained by direct experimentation.

Evaluation of the mutagenic potential of corn (*Zea mays* L.) grown in untreated and atrazine (AAtrex) treated soil in the field.

Interaction between bacterial metabolites and some pesticides. II. Change of phytotoxicity of the herbicide Roneet by the phenolic metabolites of *Arthrobacter* sp.

Interaction between bacterial metabolites and some pesticides. I. Interaction between the phenolic compounds produced by *Pseudomonas acidovorans* and the herbicide Venzar.

Hepatic macromolecular covalent binding of the hepatocarcinogen 2,6-dinitrotoluene and its 2,4-isomer in vivo: modulation by the sulfotransferase inhibitors pentachlorophenol and 2,6-dichloro-4-nitrophenol.

Lipid metabolism in rabbits exposed to paraquat aerosol.

Role of acrolein in cyclophosphamide teratogenicity in rat embryos in vitro.

Differential rates of loss of chromosomes aberrations in rat thyroids after X rays or neutrons.

Phosphatidylinositol turnover in isolated soybean membranes stimulated by the synthetic growth hormone 2,4-dichlorophenoxyacetic acid.

³²P-post-labelling analysis of DNA adducts formed in the livers of animals treated with safrole, estragole and other naturally-occurring alkenylbenzenes. I. Adult female CD-1 mice.

Transmembrane potential of liver mitochondria from hexachlorobenzene- and iron-treated rats.

On the role of peroxisomes in the metabolism of lipids--evidence from studies on mammalian tissues in vivo.

Extracorporeal removal of specific antibodies by hemoperfusion through the immunosorbent agarose-polyacrolein microsphere beads: removal of anti-bovine serum albumin in animals.

Modulation of genotoxic and cytotoxic effects of aromatic amines in monolayers of rat hepatocytes.

Metabolism and binding of cyclophosphamide and its metabolite acrolein to rat hepatic microsomal cytochrome P-450.

[In vitro conjugation of allyl alcohol and of its metabolites with reduced glutathione].

Organ and cellular distribution of inhaled metallic mercury in the rat and Marmoset monkey (*Callithrix jacchus*): influence of ethyl alcohol pretreatment.

The metabolic activation of cyanamide to an inhibitor of aldehyde dehydrogenase is catalyzed by catalase.

Effect of acetaldehyde and cyanamide on the metabolism of formaldehyde by hepatocytes, mitochondria, and soluble supernatant from rat liver.

[Biotransformation of monolinuron (N-(4-chlorophenyl)-N'-methyl-N'methoxyurea) in isolated perfused chicken liver].

Autoradiographic and biochemical studies of drug distribution in the liver. III. [¹⁴C]Aminotriazole.

Effect of glutathione levels, sulfate levels, and metabolic inhibitors on covalent binding of 2-amino-3-methylimidazo[4,5-f]quinoline and 2-acetylaminofluorene to cell macromolecules in primary monolayer cultures of adult rat hepatocytes.

Metabolism and excretion of orally administered dimethylarsinic acid in the hamster.

Metabolism and excretion of orally ingested trimethylarsenic in man.

The inhibition of ultraviolet radiation-induced DNA repair in human diploid fibroblasts by arabinofuranosyl nucleosides.

[Determination of the active substance of the preparation Roundup and its metabolite in environmental objects].

Disposition of some sulphur-containing hexachlorobenzene (HCB) metabolites: affinity of methylsulphonylpentachlorobenzene for the gray matter of brain, the lungs and the adrenal zona reticularis.

N-acetylcyanamide, the major urinary metabolite of cyanamide in rat, rabbit, dog, and man.

The effect of paraquat on the in vitro activity of cytosol, mitochondrial and microsomal enzyme systems.

Aliphatic halogenated hydrocarbons produce volatile Salmonella mutagens.

Gas chromatographic determination of ametryn and its metabolites in tropical root crops.

Metabolism of the carbamate herbicide, asulam, in the rat.

The metabolic fate of the herbicide nitralin in the rat.

On the role of catalase in the oxidation of tissue fatty acids.

A quantitative study of peroxidase activity in unfixed tissue sections of the guinea-pig thyroid gland.

Effect of di(2-ethylhexyl) phthalate on DNA repair and lipid peroxidation in rat hepatocytes and on metabolic cooperation in Chinese hamster V-79 cells.

Effects of paraquat on peroxide metabolism enzymes and lipid peroxidation in the rat.

Biliary excretion of glutathione and glutathione disulfide in the rat. Regulation and response to oxidative stress.

Perfused canine brain: metabolism and blood-brain transport during altered metabolic states.

Effects of a herbicide on the peroxide metabolism enzymes and lipid peroxidation in carp fish (*Hypophthalmichthys molitrix*).

Effects of paraquat administration on longevity, oxygen consumption, lipid peroxidation, superoxide dismutase, catalase, glutathione reductase, inorganic peroxides and glutathione in the adult housefly.

Induction of ornithine decarboxylase and augmentation of tyrosine aminotransferase activity by N-hydroxy-2-acetylaminofluorene and 2-acetylaminofluorene in rat liver. Influence of sex, retinylacetate, indomethacin, and pentachlorophenol.

Hexadecane increases the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): is brown adipose tissue the primary target in TCDD-induced wasting syndrome?

Body weight regulation in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Histologic changes produced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the skin of mice carrying mutations that affect the integument.

Central versus peripheral sites of antipyretic action of a non-steroidal anti-inflammatory agent, AD-1590, in rabbits.

Effects of zeolite a or clinoptilolite in diets of growing swine.

Role of acidosis in early contractile dysfunction during ischemia: evidence from pH_o measurements.

3'-Monoiodothyronine degradation in rat liver homogenate: enzyme characteristics and documentation of deiodination by high-pressure liquid chromatography.

Oxygen metabolism in phagocytes of leprotic patients: enhanced endogenous superoxide dismutase activity and hydroxyl radical generation by clofazimine.

Biochemical and genetic analysis of variant mouse hepatoma cells which overtranscribe the cytochrome P1-450 gene in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Pharmacologic and genetic studies on the modulatory effects of butylated hydroxytoluene on mouse lung adenoma formation.

Experimental skeletal muscle damage: the nature of the calcium-activated degenerative processes.

Enhancing effects of monocytes on modulation of a lymphocyte membrane antigen.

The influence of liver disease on the methylation of arsenite in humans.

Separation of wasting syndrome and lethality caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Entry of adenovirus 2 into HeLa cells.

Flow cytometric analysis of proflavine uptake into normal rat hepatocytes and cells arising during AAF-induced hepatocarcinogenesis.

Cutaneous signs of dioxin exposure.

Characterization of the enhanced paw edema response to carrageenan and dextran in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

The pharmacological profile of the thromboxane A₂ antagonist BM 13.177. A new anti-platelet and anti-thrombotic drug.

[Effect of hypoxia and hypoperfusion on the contractile function of the isolated heart working under various loads].

Hypothyroid pituitary cells in culture: an analysis of thyrotropin and prolactin responses to dopamine (DA) and DA receptor binding.

Pathogenic mechanisms in osteochondrodysplasias.

Digestible energy and efficiency of feed utilization in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Incomplete correlation of 2,3,7,8-tetrachlorodibenzo-p-dioxin hepatotoxicity with Ah phenotype in mice.

Soft tissue sarcomas in agriculture and forestry workers.

Modulation of azaserine-induced pancreatic foci by phenolic antioxidants in rats.

Effects of 2,4-dinitrophenol and other metabolic inhibitors on the thermograms of Ehrlich ascites carcinoma cells registered with a microcalorimeter.

[Inhibitory analysis of the functions of the oxidative metabolic systems of tumor cells in tissue culture].

Proline transport and metabolism in *Rickettsia prowazekii*.

Ruminal metabolism of plant toxins with emphasis on indolic compounds.

DMSA, DMPS, and DMPA--as arsenic antidotes.

Cutaneous signs of systemic toxicity due to dioxins and related chemicals.

Induction and decay of amino acid transport in the liver. Turnover of transport activity in isolated hepatocytes after stimulation by diabetes or glucagon.

Leads from the MMWR. Porphyria cutanea tarda and sarcoma in a worker exposed to 2,3,7,8-tetrachlorodibenzodioxin-Missouri.

Dioxin in soil: bioavailability after ingestion by rats and guinea pigs.

Porphyria cutanea tarda and sarcoma in a worker exposed to 2, 3, 7, 8-tetrachlorodibenzodioxin--Missouri.

Interactions between 7-hydroxymethotrexate and methotrexate at the cellular level in the Ehrlich ascites tumor in vitro.

Energy requirement for degradation of tumor-associated protein p53.

Poly-L-arginine and an N-formylated chemotactic peptide act synergistically with lectins and calcium ionophore to induce intense chemiluminescence and superoxide production in human blood leukocytes. Modulation by metabolic inhibitors, sugars, and polyelectrolytes.

Opposing effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and hydrocortisone on growth and differentiation of cultured malignant human keratinocytes.

The differential effects of dimethylnitrosamine and ethionine on mitochondrial and extramitochondrial dehydrogenases in single intact cells.

Neutrophil-mediated cellular cytotoxicity induced by zymosan-activated serum.

Effect of thyroidectomy and thyroxine on 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induced toxicity.

Importance of the route of administration for genetic differences in benzo[a]pyrene-induced in utero toxicity and teratogenicity.

Mortality of workers potentially exposed to organic and inorganic brominated chemicals, DBCP, TRIS, PBB, and DDT.

Structural and functional properties of rat liver mitochondria in hexachlorobenzene induced experimental porphyria.

Decarboxylation of uroporphyrinogen I and III in 2,3,7,8-tetrachlorodibenzo-p-dioxin induced porphyria in mice.

Hepatotoxicological evaluation of dantrolene sodium.

Development of chronic hepatic porphyria (porphyria cutanea tarda) with inherited uroporphyrinogen decarboxylase deficiency under exposure to dioxin.

Effects of metabolic deprivation on methotrexate transport in L1210 leukemia cells: further evidence for separate influx and efflux systems with different energetic requirements.

Dynamic nature of the association of large tumor antigen and p53 cellular protein with the surfaces of simian virus 40-transformed cells.

Agriculturally-related carcinogenic risk.

Prostanoids and cell injury.

Combined use of a water-insoluble chemical delivery system and a metabolic activation system in whole embryo culture.

Biochemical activity of intestinal microflora in adult coeliac disease.

Abnormal type I collagen metabolism by cultured fibroblasts in lethal perinatal osteogenesis imperfecta.

Occupational influences on male fertility and sexuality. I.

Molecular mechanism of cataractogenesis: III. Toxic metabolites of oxygen as initiators of lipid peroxidation and cataract.

[Experimental porphyria induced by chlorinated hydrocarbons. Studies of porphyrinogen carboxy-lyase in the experimental model of human cutaneous delayed porphyria].

Polychlorinated biphenyls (PCBs) and polybrominated biphenyls (PBBs): biochemistry, toxicology, and mechanism of action.

Lymphocyte bacterial rosette test: methodological details and effect of metabolic inhibitors and divalent cations.

Campylobacter jejuni and Campylobacter coli Production of a Cytotoxic Toxin Immunologically Similar to Cholera Toxin.

Developmental regulation of polyamine metabolism in growth and differentiation of carrot culture.

Release of adenosine, inosine and hypoxanthine from rabbit non-myelinated nerve fibres at rest and during activity.

Metabolic processing of 2-acetylaminofluorene by microsomes and six highly purified cytochrome P-450 forms from rabbit liver.

Triiodothyronine production by isolated rat hepatocytes: characterization and lack of glucoregulatory hormone effects.

Sequence comparison of rat liver phenylalanine hydroxylase and its cDNA clones.

The covalent protein structure of insecticyanin, a blue biliprotein from the hemolymph of the tobacco hornworm, *Manduca sexta* L.

Pea Xyloglucan and Cellulose : III. Metabolism during Lateral Expansion of Pea Epicotyl Cells.

Kinetics and mechanism of in vitro uptake of amino-beta-lactam antibiotics by rat small intestine and relation to the intact-peptide transport system.

Lead flux through the kidney and salivary glands of rats.

Effects of mitomycin C on metabolism in a rat liver preparation.

Localized surface antigens of guinea pig sperm migrate to new regions prior to fertilization.

Mapping of three carbohydrate attachment sites in embryonic and adult forms of the neural cell adhesion molecule.

Comparative formation of chlorophenol metabolites from hexachlorocyclohexane in mouse and rat in vivo and in vitro.

Interaction of prolactin (PRL) binding sites with PRL receptor antibodies in rat liver cells in suspension culture: effect of inhibitors of cellular functions.

Short-chain fatty acid fermentation products of plant fiber affect glucose metabolism of isolated rat hepatocytes.

Drug elimination function of rat small intestine: metabolism and intraluminal excretion.

Stimulation of carrot somatic embryogenesis by proline and serine.

Sensitive fluorimetric assay for human thyroid peroxidase using p-cresol as a substrate.

Cyclophosphamide resistance developed in a human melanoma cell line.

Difference in hepatic uptake kinetics of aspirin and salicylamide in rats.

Inhibition of the oxidation of acetaldehyde and formaldehyde by hepatocytes and mitochondria by crotonaldehyde.

Biochemical indices of cyclophosphamide-induced lung toxicity.

An in vitro approach to studying cutaneous metabolism and disposition of topically applied xenobiotics.

Thiocyanate inhibition of active chloride absorption in *Aplysia* intestine.

Frequency-pulsed electron capture gas-liquid chromatographic analysis of metabolites produced by *Clostridium difficile* in broth enriched with amino acids.

Development of markers for cholinergic neurones in re-aggregate cultures of foetal rat whole brain in serum-containing and serum-free media: effects of triiodothyronine (T₃).

Trypan blue uptake as a new method to investigate hepatotoxicity in periportal and pericentral regions of the liver lobule: studies with allyl alcohol in the perfused liver.

Uptake and metabolism of thyroid hormones by the rat foetus in early pregnancy.

Use of bacteria and yeasts to identify T lymphocytes in peripheral blood and lymphoid tissues of healthy guinea pigs and guinea pigs fed aflatoxin.

Effect of metabolic inhibitors on the ability of human T lymphocytes to form active T rosettes.

Role of calcium ions in insulin action on hexose transport in L6 muscle cells.

Peptide mapping of bovine pancreatic ribonuclease A by reverse-phase high-performance liquid chromatography. I. Application to the reduced and S-carboxymethylated protein.

[Protective effect of phenobarbital in dinitrophenol poisoning].

Carcinogen-binding proteins. High-affinity binding sites for benzo[a]pyrene in mouse liver distinct from the Ah receptor.

Oxygen uptake associated with Sendai-virus-stimulated chemiluminescence in rat thymocytes contains a significant non-mitochondrial component.

Altered blood levels of corticosteroids in the rat after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Endogenous peroxidase in the nuclear envelope and endoplasmic reticulum of human monocytes in vitro: association with arachidonic acid metabolism.

Metabolic studies of mammalian cells by ³¹P-NMR using a continuous perfusion technique.

Metabolism of \pm -aminoisobutyric acid in mungbean hypocotyls in relation to metabolism of 1-aminocyclopropane-1-carboxylic acid.

Lectin-coated agarose beads in the investigation of sperm capacitation in the hamster.

Effects of increasing metabolism by 2,4-dinitrophenol on respiration and pulmonary gas exchange in the duck.

Effects of allyl alcohol and bromobenzene on trimethadione metabolism in the rat.

Overproduction of a gastrointestinal hormone, secretin, in *Escherichia coli* cells and its chemical characterization.

Activation of glycogen synthase by insulin in rat adipocytes. Evidence of hormonal stimulation of multisite dephosphorylation by glucose transport-dependent and -independent pathways.

Isolation and characterization of the two giant secretory proteins in salivary gland of *Chironomus tentans*.

The effect of methyltransferase inhibition on the metabolism of [⁷⁴As]arsenite in mice and rabbits.

The genotoxicity of aromatic amines in primary hepatocytes isolated from C57BL/6 and DBA/2 mice.

Relationships between the flux of lipid metabolism in vivo and the uncoupling of respiratory control.

Carbonic anhydrase in mouse salivary glands and saliva: a histochemical, immunohistochemical, and enzyme activity study.

Rapid and easy separation of the subunits of bovine and human glycoprotein hormones by use of high performance liquid chromatography.

Effects of leukotrienes and f-Met-Leu-Phe on oxidative metabolism of neutrophils and eosinophils.

Effects of H₂ receptor antagonists on the hepatotoxicity of various chemicals.

Biogenesis of the mitochondrial enzyme methylmalonyl-CoA mutase. Synthesis and processing of a precursor in a cell-free system and in cultured cells.

Hormonal effects on the phosphorylation of glycogen synthase in rat hepatocytes.

Oxidized forms of parathyroid hormone with biological activity. Separation and characterization of hormone forms oxidized at methionine 8 and methionine 18.

The alpha-subunit of mouse 7 S nerve growth factor is an inactive serine protease.

Effect of exogenous cytokinins on growth and somatic embryogenesis in anise cells (*Pimpinella anisum* L.).

Role of metabolic CO₂ production in the generation of elevated renal cortical PCO₂.

Processing of human growth hormone by rat hepatocytes in monolayer culture.

Transport and metabolism of 2-deoxy-D-glucose by *Rhodotorula glutinis*.

Spin-trapping of free radicals formed during in vitro and in vivo metabolism of 3-methylindole.

Use of poisons in determination of microbial manganese binding rates in seawater.

Energy metabolism in *Cotugnia digonopora* and the effect of anthelmintics.

Dual action of cycloheximide on memory formation in day-old chicks.

Teratogenicity of nitrofen (2,4-dichloro-4'-nitrodiphenyl ether) and its effects on thyroid function in the rat.

The support of steroid aromatization by mitochondrial metabolic activities of the human placenta.

NMR spectroscopic studies of intermediary metabolites of cyclophosphamide. A comprehensive kinetic analysis of the interconversion of cis- and trans-4-hydroxycyclophosphamide with aldophosphamide and

the concomitant partitioning of aldophosphamide between irreversible fragmentation and reversible conjugation pathways.

Characterization of uptake of steroid glucuronides into isolated male and female rat hepatocytes.

Characteristics of taurine transport in rat hepatocytes in primary culture.

Accumulation of thyrotropin releasing hormone by rat hypothalamic slices.

Studies on the metabolic fate of [14C]2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the mouse.

Gastrointestinal absorption and metabolism of capsaicin and dihydrocapsaicin in rats.

Biosynthesis and compartmentalization of rat-intestinal vitamin-D-dependent calcium-binding protein.

Proton magnetic resonance studies of the decomposition of 4-hydroxycyclophosphamide, a microsomal metabolite of cyclophosphamide.

Regulation of protein metabolism: Coupling of photosynthetic electron transport to in vivo degradation of the rapidly metabolized 32-kilodalton protein of the chloroplast membranes.

Use of ³¹P nuclear magnetic resonance spectroscopy and electron microscopy to study phosphorus metabolism of microorganisms from wastewaters.

Exocytosis and macrophage-mediated antibody-dependent cellular cytotoxicity: a cautionary note.

Oxalate and chloride absorption by the rabbit colon: sensitivity to metabolic and anion transport inhibitors.

Sensitivity of cAMP-stimulated salt secretion in shark rectal gland to "loop" diuretics.

Cellular distribution of thyroid myosin.

Isosafrole-induced cytochrome P2-450 in DBA/2N mouse liver. Characterization and genetic control of induction.

In vivo studies of pyridine nucleotide metabolism in *Escherichia coli* and *Saccharomyces cerevisiae* by carbon-13 NMR spectroscopy.

Rhodamine 123 inhibits bioenergetic function in isolated rat liver mitochondria.

Different susceptibility of mouse tissues to porphyrogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Investigation on a selective non-prostanoid thromboxane antagonist, BM 13.177, in human platelets.

Metabolism of leukotriene D4 by porcine alveolar macrophages.

Oxygen metabolism in cloned macrophage cell lines: glucose dependence of superoxide production, metabolic and spectral analysis.

The primary sequence of human pancreatic colipase.

Ontogeny of the cytosolic receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver, lung, and thymus.

Mitochondrial oxidative phosphorylation: tissue oxygen sensor for regulation of coronary flow.

Significance of arsenic metabolic forms in urine. Part I: Chemical speciation.

Rates of allyl alcohol metabolism in periportal and pericentral regions of the liver lobule.

Hepato-renal cooperation in biotransformation, membrane transport, and elimination of cysteine S-conjugates of xenobiotics.

[The effect of salicylates and similar acting substances (diphenylhydantoin, dinitrophenol, etc.) on the hypophyseal-thyroid gland axis].

Effects of cell swelling on fluid flow across alveolar epithelium.

Experimental model for evaluating animal exposure to endogenous N-nitrosodi-n-butylamine by measuring its urinary metabolites N-butyl-N-(4-hydroxybutyl)-nitrosamine and N-butyl-N-(3-carboxypropyl)nitrosamine.

Effects of ovariectomy and estradiol administration on the adrenal macrophage system of the rat.

Bioconcentration and metabolism of picric acid (2,4,6-trinitrophenol) and picramic acid (2-amino-4,6-dinitrophenol) in rainbow trout *Salmo gairdneri*.

Effect of ethanol, cimetidine and propranolol on toluene metabolism in man.

Biochemical studies of the control of renal tubular phosphate reabsorption.

Metabolism of 2,4-dichlorophenol by isolated perfused rat liver.

The relation between effects of 2,4-dinitrophenol and adrenalin on muscle contraction induction and phosphorylase activation.

[Pharmacological sensitivity of the photopic c-wave in the electroretinogram of the chicken. I. Effects of sodium azide, adrenaline, and a barbiturate].

Panning separation for monoclonal antibody-specific T-cell subsets: effects of enzymes and metabolic inhibitors.

Role of kidney and liver in degradation of circulating submaxillary renin in mice.

Polyamine oxidase-mediated intraerythrocytic killing of *Plasmodium falciparum*: evidence against the role of reactive oxygen metabolites.

Electrophysiology of the single cardiac cell: a voltage clamp study of the mechanism of the shortening of the action potential by metabolic inhibition in guinea-pig ventricular myocytes.

[Rate of axoplasmic transport in the ventral roots of the spinal cord of the rat in old age and its relation to the level of energy metabolism].

The amino acid sequence of human pancreatic ribonuclease.

Uptake and release of [3H]-serotonin in photophores of the midshipman fish, *Porichthys notatus*.

The in vitro metabolism by homogenates of goldfish (*Carassius auratus*) liver of pentachloro-2-(chloromethyl sulphonamido) diphenyl ether, the major component and active ingredient of the mothproofing agent Eulan WA New.

Noninvasive assessment of microsomal enzyme activity in occupational medicine: present state of knowledge and future perspectives.

Pharmacologic modulation in vitro of human histamine-induced suppressor cell activity.

Nitrofen: a review and perspective.

Carcinogenicity and toxicity of 2,4-dichlorophenoxy-acetic acid.

Strong evidence from studies with brachymorphic mice and pentachlorophenol that 1'-sulfoxyafrole is the major ultimate electrophilic and carcinogenic metabolite of 1'-hydroxyafrole in mouse liver.

[Paraquat poisoning: clinical and experimental studies].

Effect of phenolic compounds on in vivo activity of transaminases in certain tissues of the fish, *Notopterus notopterus*.

The effects on rat pups when nitrofen (4-(2,4-dichlorophenoxy)nitrobenzene) was applied dermally to the dam during organogenesis.

Effects of phenoxyherbicides and glyphosate on the hepatic and intestinal biotransformation activities in the rat.

Selective action of prostaglandin F₂ alpha during paraquat-induced pulmonary edema in the perfused lung.

Modification of chemical toxicity by selenium deficiency.

Evaluation of amitrole (aminotriazole) for potential carcinogenicity in orally dosed rats, mice, and golden hamsters.

[Deliberate poisoning with paraquat, death in less than 24 hours].

Paraquat myocarditis and adrenal cortical necrosis.

Postnatal evaluation of morphological and functional effects of prenatal exposure to nitrofen in the Long-Evans rat.

[Experimental study on paraquat-induced pneumonitis--therapeutic effects of prednisolone and elastase].

Circadian rhythms of RNA, DNA and protein in the rat thyroid, adrenal and testis in chronic pesticide exposure. II. Effects of the herbicides Aminotriazole and Alachlor.

Diphenyl ether herbicides: mutagenic metabolites and photoproducts of nitrofen.

Toxicity, bioconcentration, and metabolism of the herbicide propanil (3',4'-dichloropropionanilide) in freshwater fish.

The effects of the herbicide 2,4-dichlorophenyl-p-nitrophenyl ether (NIT) on serum thyroid hormones in adult female mice.

Effects of paraquat on plasma glucose, cortisol, catecholamines, and insulin in the beagle.

Postnatal developmental alterations following prenatal exposure to the herbicide 2,4-dichlorophenyl-p-nitrophenyl ether: a dose response evaluation in the mouse.

[Pulmonary toxicity of free radicals of oxygen].

Kidney structure in hypothyroidism.

Correlation between brain tissue and cerebrospinal fluid concentrations of selected compounds in rats with intact and injured blood-brain barrier.

Vascular changes in early TSH-induced thyroid tumours in the rat.

Ether link cleavage is the major pathway of iodothyronine metabolism in the phagocytosing human leukocyte and also occurs in vivo in the rat.

[Effect of small amounts of 2,4-dichlorophenoxyacetic acid derivatives on thiamine and riboflavin metabolism in the animal body].

Sulfation and glucuronidation as competing pathways in the metabolism of hydroxamic acids: the role of N,O-sulfonation in chemical carcinogenesis of aromatic amines.

Effect of increasing carbon chain length on organic acid transport by the choroid plexus: a potential factor in Reye's syndrome.

Histochemical demonstration of enteropeptidase activity. New method with a synthetic substrate and its comparison with the trypsinogen procedure.

Plasma glutathione and glutathione disulfide in the rat: regulation and response to oxidative stress.

The major role of glutathione in the metabolism and excretion of N,N-dimethyl-4-aminoazobenzene in the rat.

Regulation of 2,4,5-trichlorophenoxyacetic acid and chlorophenol metabolism in *Pseudomonas cepacia* AC1100.

Metabolism of Halophenols by 2,4,5-trichlorophenoxyacetic acid-degrading *Pseudomonas cepacia*.

Intracellular interaction and metabolic fate of arsenite and arsenate in mice and rabbits.

Effect of 1.1.1 trifluoro-N-(2-methyl-4-phenyl sulfonyl) methane sulfonamide (Destun 50WP) on rat hepatic microsomal enzymes, aniline hydroxylase and amino-pyrene N-demethylase.

Formation of diiodotyrosine from thyroxine. Ether-link cleavage, an alternate pathway of thyroxine metabolism.

Cytochemical glucose-6-phosphatase activity in the cells of mouse pancreas and submandibular gland.

Acute toxicity of fluorinated ether anesthetics: role of 2,2,2-trifluoroethanol and other metabolites.

Metabolism of carbon monoxide by *Rhodospseudomonas gelatinosa*: cell growth and properties of the oxidation system.

Inhibition of hepatic aldehyde dehydrogenases in the rat by calcium carbimide (calcium cyanamide).

Arsenic uptake and metabolism by liver cells is dependent on arsenic oxidation state.

Activation of carboxylesterases in root cortical parenchymal cells of *Pisum sativum* during xylem induction in vitro.

Circadian rhythms of RNA, DNA and protein in the rat thyroid, adrenal and testis, in chronic pesticide exposure. IV. Effects of the herbicide 2,4-dichlorophenoxyacetic acid.

Simplified heptafluorobutyrylation of linuron and its metabolite 3,4-dichloroaniline.

Effect of paraquat on cytochrome P-450-dependent lipid peroxidation in bovine adrenal cortex mitochondria.

Saturable accumulation of the anionic herbicide, 2,4-dichlorophenoxyacetic acid (2,4-D), by rabbit choroid plexus: early developmental origin and interaction with salicylates.

Effects of intravenous acetaldehyde, acrolein, formaldehyde and propionaldehyde on arterial blood pressure following acute guanethidine treatment.

Effects of monocrotaline and monocrotaline pyrrole on 5-hydroxytryptamine and paraquat uptake by lung slices.

Whole body and liver distribution of inhaled mercury vapor in the mouse: influence of ethanol and aminotriazole pretreatment.

Paraquat inhibits mixed-function oxidation by rat lung.

A new pathway of acrolein metabolism in rats.

Metabolism of AC 206,784 herbicide [2-chloro-N-(2,3-dimethylphenyl)-N-(1-methylethyl)acetamide] in soybean plants.

Metabolism of [¹⁴C]paraldehyde in mice in vivo, generation and trapping of acetaldehyde.

The effect of ethanol on the absorption, accumulation and biotransformation of xenobiotics by the isolated perfused rabbit lung.

Metabolic activation of cyanamide to an inhibitor of aldehyde dehydrogenase in vitro.

Investigations into the production of acetate from ethanol by human blood and bone marrow cells in vitro.

A new era of exploitation of microbial metabolites.

Glutathione peroxidase blockage inhibits prostaglandin biosynthesis in rat platelets and aorta.

Dose-dependent pharmacokinetics: emphasis on phase I metabolism.

Acrolein: a fixative for immunocytochemical localization of peptides in the central nervous system.

[Highly sensitive detection in high performance liquid chromatography].

Biochemical modulation of angiogenesis in the chorioallantoic membrane of the chick embryo.

Effects of chronic ethanol feeding and acetaldehyde metabolism on calcium transport by rat liver mitochondria.

Energy-dependent reduced drug binding as a mechanism of Vinca alkaloid resistance in human leukemic lymphoblasts.

Decreased liver delta-aminolaevulinate dehydratase activity in porphyria cutanea tarda and in alcoholism.

The acute toxicity of perfluorooctanoic and perfluorodecanoic acids in male rats and effects on tissue fatty acids.

Localization of lipid-protein and protein-protein interactions within the murine retrovirus gag precursor by a novel peptide-mapping technique.

Hidden receptors for nerve growth factor in PC12 cells.

Effects of cytochrome P1-450 inducers on the cell-surface receptors for epidermal growth factor, phorbol 12,13-dibutyrate, or insulin of cultured mouse hepatoma cells.

Modulation of human granulocyte and monocyte chemiluminescence responses: evidence for distinct free radical generating systems.

[Brain death in secondary brain lesion].

Role of endorphins in endotoxin-induced hyperglycaemia in mice.

Effect of ATP level and its metabolic turnover in liver on the proteosynthesis postmortem.

The respiration-linked limiting step of tumor cell transition from the non-cycling to the cycling state: its inhibition by oxidizable substrates and its relationships to purine metabolism.

Protoporphyrinogen oxidase and ferrochelatase in porphyria variegata.

Effects of polychlorinated biphenyl compounds, 2,3,7,8-tetrachlorodibenzo-p-dioxin, phenobarbital and iron on hepatic uroporphyrinogen decarboxylase. Implications for the pathogenesis of porphyria.

Effects of cystic fibrosis serum and fibroblast culture medium on ion distribution in rat submandibular gland.

Modification of morphine antinociceptive response by blood glucose status: possible involvement of cellular energetics.

Lipid peroxidation and haemoglobin degradation in red blood cells exposed to t-butyl hydroperoxide. The relative roles of haem- and glutathione-dependent decomposition of t-butyl hydroperoxide and membrane lipid hydroperoxides in lipid peroxidation and haemolysis.

Hypothyroxinemia and hypothermia in rats in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin administration.

Specific gene mutations in L5178Y cells in culture.

Analysis of cyanogen bromide peptides of type I collagen from a patient with lethal osteogenesis imperfecta.

Effects of parathyroid hormone on skeletal muscle protein and amino acid metabolism in the rat.

Enhancement of carrageenan and dextran-induced edemas by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds.

Study of isolated mitochondria incubated with labelled and non-labelled alloxan, with regard to intramitochondrial concentrations of reduced glutathione and inorganic phosphate.

Biochemical and genetic analysis of variant mouse hepatoma cells defective in the induction of benzo(a)pyrene-metabolizing enzyme activity.

The effect of acute inflammation on iron metabolism in rats.

[Protective effect of extracellular K⁺ in the myocardium in disorders of energy metabolism].

N-acetylcysteine: its bioavailability and interaction with ifosfamide metabolites.

Primary structures of three human pancreas peptides with growth hormone-releasing activity.

Investigations for genotoxic effects after exposure to crude 2,4,5-trichlorophenol.

Evaluation of an enzymic procedure for the measurement of acetaminophen.

ATP-dependence of ¹²⁵I-insulin binding by rat soleus muscle.

Characterization of the association of tritiated enkephalin with neuroblastoma cells under conditions optimal for receptor down regulation.

A high affinity, calmodulin-responsive (Ca²⁺ + Mg²⁺)-ATPase in isolated bone cells.

[The significance of serum ferritin determination for the evaluation of preventive iron treatment of anemia in premature infants].

Decline of blood and alveolar toluene concentration following two accidental human poisonings.

Purification and properties of human erythrocyte uroporphyrinogen decarboxylase: immunological demonstration of the enzyme defect in porphyria cutanea tarda.

Oxygen radicals and vascular damage.

[Heart function and the mechanisms of its regulation in modelling adaptation to hypoxia by 2,4-dinitrophenol administration].

Effects of age and diabetes mellitus on cyanogen bromide digestion of human dura mater collagen.

Morphometric, biochemical, and physiological assessment of perinatally induced renal dysfunction.

Calcium pools in saponin-permeabilized guinea pig hepatocytes.

Relative mutagenicity and teratogenicity of cyclophosphamide and two of its structural analogs.

Breakdown of polyphosphoinositides and not phosphatidylinositol accounts for muscarinic agonist-stimulated inositol phospholipid metabolism in rat parotid glands.

The T8 antigen is a multimeric complex of two distinct subunits on human thymocytes but consists of homomultimeric forms on peripheral blood T lymphocytes.

L-Arginine and L-Canavanine Metabolism in Jack Bean, *Canavalia ensiformis* (L.) DC. and Soybean, *Glycine max* (L.) Merr.

In vitro ¹⁴C-leucine incorporation into nonsynaptic and synaptic rat brain mitochondria isolated by Ficoll gradients.

Metabolism and renal handling of sodium arsenate in dogs.

High-performance liquid chromatographic analysis on radial compression column of the neurotoxic tri-*o*-cresyl phosphate and metabolites.

Induction of cytochrome P-450 dependent reactions in the rat ventral prostate by beta-naphthoflavone and 2,3,7,8-tetrachlorodibenzo-*p*-dioxin.

Identification and characterization of a plasma membrane phosphoprotein which is present in Chinese hamster lung cells resistant to adriamycin.

Preparation and biological reactivity of polyiodinated human growth hormone.

Nutrition-endocrine interactions: induction of reciprocal changes in the delta 4-5 alpha-reduction of testosterone and the cytochrome P-450-dependent oxidation of estradiol by dietary macronutrients in man.

The metabolism of the anti-inflammatory drug eterylate in rat, dog and man.

Evidence for an ATP-driven proton pump in rat thyroid phagolysosomes. Effects of protonophores and ionophores.

Effects of Thidiazuron on Cytokinin Autonomy and the Metabolism of N-(Delta-Isopentenyl)[8-C]Adenosine in Callus Tissues of *Phaseolus lunatus* L.

[Monochlorophenols as enzyme substrates for the preparatory metabolism of phenol in *Candida tropicalis* yeasts].

Identification of metabolites of hexazinone by mass spectrometry.

Periportal localization of lorazepam glucuronidation in the isolated perfused rat liver.

Effects of propylthiouracil on urinary metabolites of cyclophosphamide in rats.

Inhibition of insulin-stimulated xylose uptake in rat soleus muscle by cycloheximide.

The effects of lipolytic hormones on calcium uptake in endoplasmic reticulum of adipocytes.

Regulation of cyclic GMP levels in nerve tissue.

Hydrogen peroxide and hydroxyl radical mediation of activated leukocyte depression of cardiac sarcoplasmic reticulum. Participation of the cyclooxygenase pathway.

Isolation and characterization of the porcine hypothalamic growth hormone releasing factor.

Effect of sodium azide on catecholamine release from isolated adrenal gland and on guanylate cyclase.

ATP depletion promotes deactivation of insulin-stimulated sugar transport in rat soleus muscle.

Chlorobenzene-impaired lindane metabolism and the effect of pretreatment with chlorobenzene, lindane, or chlorobenzene plus lindane.

Membrane biogenesis in the sprouting neuron. I. Selective transfer of newly synthesized phospholipid into the growing neurite.

Hormonal control of glycogen synthase in rat hemidiaphragms. Effects of insulin and epinephrine on the distribution of phosphate between two cyanogen bromide fragments.

Effects of pentachloronitrobenzene and some of its known and possible metabolites on fungi.

Polychlorinated benzene and phenol congeners as inducers of rat hepatic drug-metabolizing enzymes in immature male Wistar rats.

Transport of citrinin by rat renal cortex.

A technique for the isolation of submucosal gland cells from cat trachea.

Uptake and retention of moulting hormones by the integument of crayfishes in vitro. II. Influence of metabolic inhibitors and sulphhydryl group inhibitors.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on [3H]thymidine incorporation into rat liver deoxyribonucleic acid.

Distribution, excretion, and metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57BL/6J, DBA/2J, and B6D2F1/J mice.

Ethane release during metabolism of aldehydes and monoamines in perfused rat liver.

Lipophilic ion exchangers for group separation of conjugated metabolites of xenobiotics.

Effects of pH on bone calcium and proton fluxes in vitro.

Somatomedin synthesis by a subclone of Buffalo rat liver cells: characterization and evidence for immediate secretion of de novo synthesized hormone.

Kinetics of N- and C-hydroxylations of 2-acetylaminofluorene in male Sprague-Dawley rat liver microsomes: implications for carcinogenesis.

Characteristics of cholic acid uptake in primary cultured hepatocytes.

Effect of 2,4-dinitrophenol on the oxidative metabolism of hexobarbital by cytochrome P-450 in perfused rat liver.

Effects of lipid peroxidation on adrenal microsomal monooxygenases.

Modification by temperature and external calcium of the increase in spontaneous transmitter release induced by a metabolic inhibitor at the neuromuscular junction.

Function of secretion of mandibular gland of male in territorial behavior of *Xylocopa sulcatipes* (Hymenoptera: Anthophoridae).

Germination of *Echinochloa crus-galli* (Barnyard Grass) Seeds under Anaerobic Conditions : Respiration and Response to Metabolic Inhibitors.

Chronobiologic fluctuation of cyclophosphamide induced urinary bladder damage in mice.

The metabolism of arsenite and arsenate by the rat.

Significance of energy metabolism pathways for stimulation of DNA synthesis by cell migration and serum.

Thyrotropin-induced thyroidal release of 5-hydroxytryptamine and accompanying ultrastructural changes in parafollicular cells.

The alteration of hepatic cytochrome P-450 subpopulations of phenobarbital-induced and uninduced rat by regioselective hepatotoxins.

Stimulation of microsomal lipid peroxidation by iron and cysteine. Characterization and the role of free radicals.

Phosphatidylinositol synthesis and phosphorylation are enhanced by light in rat retinas.

Metabolic inhibition and the cardiac ventricular action potential: voltage clamp analysis using single cells.

Ram rete testis fluid contains a protein (clusterin) which influences cell-cell interactions in vitro.

Metabolic factors regulating the generation of prostaglandins E1 and E2 by isolated rat uterus.

Mechanism by which metabolic inhibitors depolarize cultured cardiac cells.

Development of basal and induced aryl hydrocarbon (benzo[a]pyrene) hydroxylase activity in the chicken embryo in ovo.

Evidence for lipoxygenase activity in induction of histamine release from rat peritoneal mast cells by chelated iron.

Biochemical assay of inhibitors of metabolic cooperation.

Volatile compounds from the red deer (*Cervus elaphus*) Secretion from the tail gland.

Sulfur metabolism in the biosynthesis of monobactams.

Studies on the bioavailability of zinc in humans: intestinal interaction of tin and zinc.

Toxic activity of seventeen industrial solvents and halogenated compounds on human lymphocytes cultured in vitro.

Metabolism of some naturally occurring isothiocyanates in the rat.

[Effect of inhibitors of energy metabolism and protein synthesis on the process of neutral red segregation in frog erythrocytes].

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) effects on hepatic microsomal steroid metabolism and serum estradiol of pregnant rats.

Higher Chlorinated Dioxins Implicated in the Mortality of Young Pigs Kept on a Pentachlorophenol-treated Wooden Floor.

Metabolism of palmitate by anoxic and reoxygenated heart cell cultures.

Changes in free amino acid contents of rat brain induced by exposure to methyl bromide.

Lack of induction of single-strand breaks in mammalian cells by sodium azide and its proximal mutagen.

Arsenic distribution and neurochemical effects in peroral sodium arsenite exposure of rats.

Studies on the re-establishment of the intestinal microflora in germ-free rats with special reference to the metabolism of N-isopropyl-alpha-chloroacetanilide (propachlor).

Location of thyrotropin-releasing hormone-like immunoreactivity in rat pancreas.

Distribution of immunoreactive human growth hormone-like material and thyrotropin-releasing hormone in the rat central nervous system: evidence for their coexistence in the same neurons.

Further mutagenicity studies on pesticides in bacterial reversion assay systems.

Genotoxicity of N-acetylarylamines in the salmonella/hepatocyte system.

[Effect of heliomycin on the respiration and oxidative phosphorylation of the liver mitochondria of the rat].

Role of myeloperoxidase in the respiratory burst of human neutrophils.

Axonal transport of thiamine in frog sciatic nerves in vitro.

Localization of the two free thiol groups in the porcine pancreatic alpha-amylase I sequence.

Amitrole Absorption by Bean (*Phaseolus vulgaris* L. cv ;Red Kidney') Roots : Mechanism of Absorption.

Metabolism of mercapturic acid-pathway metabolites of 2-chloro-N-isopropylacetanilide (propachlor) by gastrointestinal bacteria.

Changes of extracellular potassium activity induced by electric current through brain tissue in the rat.

Failure of atractyloside to inhibit synaptosomal mitochondrial energy transduction.

Development of a blood-free *Campylobacter* medium: screening tests on basal media and supplements, and the ability of selected supplements to facilitate aerotolerance.

[Polarographic study of cell respiration in a tissue culture].

Hexose transport in microvascular endothelial cells cultured from bovine retina.

A possible role of intracellular and membrane thiols of rat pancreatic islets in calcium uptake and insulin release.

Hepatic microsomal metabolism of the dichloroethanes.

Inhibition of testosterone biosynthesis by ethanol. Relation to hepatic and testicular acetaldehyde, ketone bodies and cytosolic redox state in rats.

Simultaneous azo-coupling method for an estrogen sulfatase in human tissues.

Toxicity and biotransformation of acetaminophen in rat hepatocytes (I). Uptake and release.

Urine profile analysis by field desorption mass spectrometry, a technique for detecting metabolites of xenobiotics. Application to 3,5-dinitro-2-hydroxytoluene.

Studies on prolactin 48: isolation and properties of the hormone from horse pituitary glands.

Distribution and metabolism of the teratogen nitrofen (2,4-dichloro-4'-nitro diphenyl ether) in pregnant rats.

Isophosphoramidate mustard, a metabolite of ifosfamide with activity against murine tumours comparable to cyclophosphamide.

Urinary excretion of hippuric acid and o-cresol after laboratory exposure of humans to toluene.

Riboflavin metabolism in the single lens of rat.

Hippuric acid and o-cresol in the urine of workers exposed to toluene.

A new metabolically trapped agent by brain monoamine oxidase: N-methyl labeled (14C) N-methylphenylethylamine (14C-MPEA).

[Energy-dependent inhibition of mitochondrial NAD.H-oxidase and succinic oxidase by strong nitrous bases].

Accumulation and lethal effect of tritium (tritiated water) in *Rhodospseudomonas spheroides*. Under light-anaerobic and dark-aerobic conditions.

Taurine biosynthesis in frog retina: effects of light and dark adaptations.

Structure of mouse submaxillary gland renin.

Effect of lidocaine on hepatic prostanoid production in vitro following 2,4-dinitrophenol administration.

The pulmonary ethanol metabolizing system (PET).

Unequivocal demonstration that malondialdehyde is a mutagen.

The morphological transformation of Syrian hamster embryo cells by chemicals reportedly nonmutagenic to *Salmonella typhimurium*.

Mutagenicity and DNA damage induced by arylamines in the *Salmonella*/hepatocyte system.

Insulin depolarization of rat hepatocytes in primary monolayer culture.

Enzymatic toxicogenation of "activated" cyclophosphamide by 3'-5' exonucleases.

Toxicity of 3,3',4,4'- and 2,2',5,5'-tetrabromobiphenyl: correlation of activity with aryl hydrocarbon hydroxylase induction and lack of protection by antioxidants.

[Migration and adhesiveness of human and rabbit blood leukocytes under the influence of metabolic blocking agents and hirudin].

Production of H₂O₂ by bovine blood and milk polymorphonuclear leucocytes.

Occupational exposure to hexachlorocyclohexane. VI. Metabolism of gamma-hexachlorocyclohexane in man.

Evaluation of arsenic metabolites for prenatal effects in the hamster.

Mechanisms of superoxide radical-mediated toxicity.

Analysis of neutral steroid sulfates by glass capillary gas chromatography-mass spectrometry (GC-MS) from blood of a patient with paraquat poisoning.

Ascorbic acid and paraquat: oxygen depletion with concurrent oxygen activation.

Accumulation of radionuclide-labeled platelets and fibrinogen in paraquat-damaged rat lungs.

Effects of organochlorine compounds on lipid catabolism of foetal rat liver mitochondria and microsomes.

Studies on the in vitro interaction of mitomycin C, nitrofurantoin and paraquat with pulmonary microsomes. Stimulation of reactive oxygen-dependent lipid peroxidation.

Pentachlorophenol pancreatitis.

Effects of sodium pentachlorophenate on enzymes of energy metabolism in tissues of *Notopterus notopterus*.

Effects of anionic xenobiotics on rat kidney. I--Tissue and mitochondrial respiration.

Significance of plant metabolism in the mutagenicity and toxicity of pesticides.

[Hepatotoxicity of selected polychlorinated aromatic hydrocarbons].

Study of the effects of paraquat on the peroxide metabolism enzymes in guinea-pig.

Inhibition of energy-dependent transhydrogenase reaction by N-(phosphonomethyl) glycine in isolated rat liver mitochondria.

Young Scientists Award lecture 1981: The identification of an accumulation system for diamines and polyamines into the lung and its relevance to paraquat toxicity.

Urinary enzymes, nephrotoxicity and renal disease.

Sex differences in the metabolism of hexachlorobenzene by rats and the development of porphyria in females.

Mast cell hyperplasia during goitrogen-induced thyroid growth - a quantitative study.

2,4-D induced clastogenicity and elevated rates of sister chromatid exchanges in cultured human lymphocytes.

Circadian rhythm of mitotic activity in normal and hyperplastic rat thyroid.

Effect of 3-amino-1,2,4-triazole administration on the early CCl₄-induced ultrastructural alterations in rat liver.

Promoting effects of 3-amino-1,2,4-triazole on the development of thyroid tumors in rats treated with N-bis(2-hydroxypropyl)nitrosamine.

Metabolic interactions of aldehyde dehydrogenase with therapeutic and toxic agents.

Investigation of putative control mechanisms for thyroid growth.

Effects of aldehyde dehydrogenase inhibitors on enzymes involved in the metabolism of biogenic aldehydes in rat liver and brain.

Dose-effect relationship between ethyl alcohol pretreatment and retention and tissue distribution of mercury vapor in rats.

Acrolein/glutaraldehyde as a fixative for combined light and electron microscopic immunocytochemical detection of pituitary hormones in immersion-fixed tissue.

Desensitisation of rat thyroid to the growth-stimulating action of TSH during prolonged goitrogen administration. Persistence of refractoriness following withdrawal of stimulation.

The formation and metabolism of N-hydroxymethyl compounds--I. The oxidative N-demethylation of N-dimethyl derivatives of arylamines, aryltriazenes, arylformamidines and arylureas including the herbicide monuron.

Interaction of cyclophosphamide metabolites with membrane proteins: an in vitro study with rabbit liver microsomes and human red blood cells. Effect of thiols.

[Effect of methyl viologen on phospholipid metabolism in cultured human type 2 pneumocytes].

Influence of diuretics on urinary general base catalytic activity and cyclophosphamide-induced bladder toxicity.

Acrolein: a potent modulator of lung macrophage arachidonic acid metabolism.

Dissociation of growth and function in the rat thyroid during prolonged goitrogen administration.

Metabolic activation of cyanamide by liver mitochondria, a requirement for the inhibition of aldehyde dehydrogenase enzymes.

The effects of clofibrate and 3-amino-1,2,4-triazole on liver catalase and lipid metabolism in mice.

Comparison of the mutagenicity and teratogenicity of cyclophosphamide and its active metabolites, 4-hydroxycyclophosphamide, phosphoramidate mustard, and acrolein.

Advances in pesticide metabolite identification through the use of plant tissue cultures.

Inhibition of lipid peroxidation by paraquat: site of inhibition in the cytochrome P-450-dependent steroid hydroxylase system from bovine adrenal cortex mitochondria.

Goitrogen-induced thyroid growth in the rat: a quantitative morphometric study.

[Activity of various enzymes of carbohydrate metabolism after administration of metribuzin].

2-Haloacrylic acids as indicators of mutagenic 2-haloacrolein intermediates in mammalian metabolism of selected promutagens and carcinogens.

The formation of mixed disulphides in rat lung following paraquat administration. Correlation with changes in intermediary metabolism.

Increase in hepatic mixed disulphide and glutathione disulphide levels elicited by paraquat.

Disruption of phospholipid metabolism by paraquat in cultured pneumocytes.

Effect of drugs and hormones on rat liver dimethylaminoazobenzene reductase activity.

Allylamine cardiotoxicity--IV. Metabolism to acrolein by cardiovascular tissues.

Microbial degradation of thidiazuron and its photoproduct.

Active oxygen metabolites and their action in the hepatocyte. Studies on chemiluminescence responses and alkane production.

Influence of pyramin and venzar on some metabolic products of *Azotobacter chroococcum*.

Altered removal of vasoactive substances in the injured lung: detection of lung microvascular injury.

Effect of albumin, low temperature and metabolic inhibitors on transport of fatty acids into cultured human leukemic myeloid cells.

Bacteria and zymosan opsonized with histone, dextran sulfate, and polyanetholesulfonate trigger intense chemiluminescence in human blood leukocytes and platelets and in mouse macrophages: modulation by metabolic inhibitors in relation to leukocyte-bacteria interactions in inflammatory sites.

Sequence analysis of a growth hormone releasing factor from a human pancreatic islet tumor.

Characterization of a 40 residue peptide from a human pancreatic tumor with growth hormone releasing activity.

Immunoreactive uroporphyrinogen decarboxylase is unchanged in porphyria caused by TCDD and hexachlorobenzene.

Acute oral toxicity of TCDD-metabolites in male guinea pigs.

In vivo resistance towards anthracyclines, etoposide, and cis-diamminedichloroplatinum(II).

Effect of N,N'-diethyl-1,2-bis(2,6-dichloro-4-hydroxyphenyl)ethylenediamines on the 7,12-dimethylbenz[a]anthracene-induced mammary carcinoma of the rat.

Monocyte-mediated damage to *Rhizopus oryzae* hyphae in vitro.

Studies on the mechanism of enkephalin receptor down regulation.

Adrenocorticotropin-dependent particulate guanylate cyclase in rat adrenal and adrenocortical carcinoma: comparison of its properties with soluble guanylate cyclase and its relationship with ACTH-induced steroidogenesis.

Effect of long-term ethanol feeding on rat liver interstitial collagens.

Aluminum absorption in the rat everted gut sac.

Alterations in the heme biosynthetic pathway as an index of exposure to toxins.

Prolactin receptors in cultured rat mammary tumor cells. Unmasking of cell surface receptors by energy depletion.

Tetrachlorodibenzodioxin: a survey of subjects ten years after exposure.

Induction of porphyria in the rat by chronic versus acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Artificial hypothermia in acute poisoning by 1,2-dichloroethane and its probable metabolites].

Misonidazole-induced biochemical alterations of mammalian cells: effects on glycolysis.

Characterization of serotonin uptake in cultured pheochromocytoma cells. Comparison with norepinephrine uptake.

Characterization of serotonin uptake in cultured neuroblastoma cells. Difference between differentiated and nondifferentiated cells.

Mutagenic evaluation of carcinogens and non-carcinogens in the L5178Y/TK assay utilizing postmitochondrial fractions (S9) from normal rat liver.

Synthesis of pseudo cofactor analogues as potential inhibitors of the folate enzymes.

Prenatal exposure to the herbicide 2,4-dichlorophenyl-p-nitrophenyl ether destroys the rodent Harderian gland.

Nutritional iron and dopamine binding sites in the rat brain.

[Pathogenesis of hyperlipidemia and fatty liver of rabbits induced by methyl iodide. Increased synthesis and secretion of triglyceride in the liver].

Influence of triiodothyronine, amphetamine, and dinitrophenol (DNP) on the induced metabolic rate in uremic and acidotic rats.

[Coronary perfusion rate as a factor determining the degree of heart contractile function decrease in an energy formation disorder].

The binding of antibodies from *Plasmodium berghei*-infected rats to isoantigenic and parasite-specific antigenic sites on the surfaces of infected reticulocytes.

Experimental and clinical results in shock lung treatment with vitamin E.

The TCDD receptor in rat intestinal mucosa and its possible dietary ligands.

Acneogenic activity of 3-methylcholanthrene and benzo[a]pyrene, and a comparative study with 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rabbit and hairless mouse.

2,3,7,8-tetrachlorodibenzo-p-dioxin and related halogenated aromatic hydrocarbons: examination of the mechanism of toxicity.

The functional and ultrastructural changes of hepatic mitochondria in acute experimental pancreatitis in dogs treated with prostacyclin.

Met- and leu-enkephalin immuno- and bio-reactivity in human stomach and pancreas.

Fast atom bombardment mass spectra of mercapturic acid-pathway metabolites of propachlor (2-chloro-N-isopropylacetanilide).

Accumulation of peptide Tyr-D-Ala-Gly by choroid plexus during ventriculocisternal perfusion of rat brain.

Subchronic toxicity of chlorine dioxide and related compounds in drinking water in the nonhuman primate.

Free magnesium in sheep, ferret and frog striated muscle at rest measured with ion-selective micro-electrodes.

Mutagenic properties of allylic and alpha, beta-unsaturated compounds: consideration of alkylating mechanisms.

Amino acid transport and protein synthesis in energetically-stable calcium-tolerant isolated cardiac myocytes.

Intracellular inactivation, reactivation and dynamic status of prostate androgen receptors.

Porcine pancreatic lipase. The disulfide bridges and the sulfhydryl groups.

The origin of urinary aromatic compounds excreted by ruminants. 3. The metabolism of phenolic compounds to simple phenols.

Purification, characterization and regulation of five rat hepatic microsomal cytochrome P-450 isozymes.

[Effect of the carbon sources and metabolic inhibitors on endopolymethylgalacturonase secretion in *Aspergillus foetidus*].

Volatile alkanes produced by erythrocytes: an assay for in vitro studies on lipid peroxidation.

Low molecular weight pineal and cerebral fractions affecting insulin secretion in vitro.

Renal transport of 2'-deoxytubercidin in mice.

Effect of thyroidectomy on oxidative phosphorylation mechanisms in rat liver mitochondria.

Does the sarcoplasmic reticulum achieve chemiosmotic equilibrium in relaxed muscle?

Similar activities of nerve growth factor and its homologue proinsulin in intracellular hydrogen peroxide production and metabolism in adipocytes. Transmembrane signalling relative to insulin-mimicking cellular effects.

Characterization of multiple forms of porcine anterior pituitary proopiomelanocortin amino-terminal glycopeptide.

Evidence for compartmentalization of conjugates of 2,4-dichlorophenoxyacetic Acid in soybean callus tissue.

Primary structure of seiwhale pituitary somatotropin.

Metabolism of inhaled brominated hydrocarbons: validation of gas uptake results by determination of a stable metabolite.

Effects of salicylate and 2,4-dinitrophenol on respiration and metabolism.

[Characteristics of the system of corticosterone binding by hepatocyte plasma membranes].

Comparative evaluation of contraction and relaxation of isolated heart muscle with decreased calcium concentration in the perfusate, acidosis, and metabolic blockade.

Effects of dopamine-beta-hydroxylase inhibitors FLA-57 and FLA-63 on ethanol metabolism and aldehyde dehydrogenase activity in rats.

Effects of the cardiotoxic drug ARL-115 on the release of noradrenaline from the cat atrium, the binding of 3H-ouabain to plasma membranes and the movements of calcium in mitochondria.

Antioxidants, metabolic rate and aging in *Drosophila*.

Association of ⁴⁵calcium with rat mast cells stimulated by 48/80: effects of inactivation, calcium and metabolic inhibition.

Protective role of thiols in cyclophosphamide-induced urotoxicity and depression of hepatic drug metabolism.

Immunocytochemical and ultrastructural identification of mitotic cells in the pituitary gland of ovariectomized rats.

Metabolism of parathyroid hormone by Kupffer cells: analysis by reverse-phase high-performance liquid chromatography.

Effects of ATP and cell development on the metabolism of high molecular weight aggregates of abnormal proteins in rabbit reticulocytes and cell-free extracts.

Differential effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on nuclear RNA polymerase activity in the rat liver and thymus.

2-14C-1-Allyl-3,5-diethyl-6-chlorouracil I: Synthesis, absorption in human skin, excretion, distribution, and metabolism in rats and rabbits.

The role of vitamin E in cellular energy metabolism in cultured adrenocortical cells.

Synaptosomal calcium uptake systems: prostaglandins are probably not involved in the regulation of calcium fluxes into and within the nerve endings.

Amino acid sequence of mouse submaxillary gland renin.

Mutagenic, teratogenic and pharmacokinetic properties of cyclophosphamide and some of its deuterated derivatives.

Studies on kinetochore function in mitosis. II. The effects of metabolic inhibitors on mitosis and cytokinesis in the diatom *Hantzschia amphioxys*.

On the mechanism by which hormones induce the release of Ca^{2+} from mitochondria in the liver cell.

Entry of the toxic proteins abrin, modeccin, ricin, and diphtheria toxin into cells. II. Effect of pH, metabolic inhibitors, and ionophores and evidence for toxin penetration from endocytotic vesicles.

Structure of mouse submaxillary gland renin. Identification of two disulfide-linked polypeptide chains and the complete amino acid sequence of the light chain.

Effect of BASF 13-338, a Substituted Pyridazinone, on Lipid Metabolism in Leaf Tissue of Spinach, Pea, Linseed, and Wheat.

Metabolism of 2,4-dichlorophenoxyacetic Acid in 2,4-dichlorophenoxyacetic Acid-resistant soybean callus tissue.

Structure-activity relationships of a pigment-dispersing crustacean neurohormone.

Thyrotropin releasing hormone: centrally mediated effects on gastrointestinal motor activity.

Immunohistochemical localization of thyrotropin-releasing hormone in the rat hypothalamus and pituitary.

Role of the secretion vesicle in the transport of receptors: modulation of somatostatin binding to pancreatic islets.

A microbial metabolite of TCDD.

Metabolism of [(14)C]Flamprop-isopropyl in suspension cultures from *Medicago sativa* and *Phaseolus* sp.

Heterogeneity in the rate of benzo[a]pyrene metabolism in single cells: quantitation using flow cytometry.

Fate of 2,3,7,8-tetrachlorodibenzo-p-dioxin metabolites from dogs in rats.

Ketone-body utilization by homogenates of adult rat brain.

The 1,2-dichloroethylenes: their metabolism by hepatic cytochrome p-450 in vitro.

The effects of antibiotics in the weanling pig diet on growth and the excretion of volatile phenolic and aromatic bacterial metabolites.

Thermodynamic analysis of active sodium and potassium transport in the frog corneal epithelium.

Down-regulation of the hexose transport system: metabolic basis studied with a fibroblast mutant lacking phosphoglucose isomerase.

Multiple forms of phenolsulphotransferase in human tissues: selective inhibition by dichloronitrophenol.

Cytosolic and nuclear binding proteins for 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat thymus.

Inhibition of anterior pituitary cyclic AMP phosphodiesterase by colchicine and vinblastine.

Constituents of temporal gland secretion of the African elephant, *Loxodonta africana*.

[Effect of allyl alcohol on bile acid metabolism and cellular ultrastructure of the rat liver].

Distribution and metabolism of 2,4-dichlorophenol in rats.

Riboflavin transport by rabbit kidney slices: characterization and relation to cyclic organic acid transport.

Effect of microsomal cytochrome P-450 isozyme induction on the mutagenic activation of 2-aminoanthracene.

Collagen metabolism in rat incisor pre dentine in vivo: synthesis and maturation of type I, alpha 1 (I) trimer, and type V collagens.

Structure elucidation of mammalian TCDD-metabolites.

Collagens from the skin and cartilage of the larval salamander *Ambystoma tigrinum*.

Effects of sethoxydim on the metabolism of isolated leaf cells of soybean [*Glycine max* (L.) Merr].

Effect of 2,4-dichlorophenoxyacetic Acid on glucosylation of scopoletin to scopolin in tobacco tissue culture.

Metabolism of round spermatids from rats: lactate as the preferred substrate.

Suppression of natural killing in vitro by monocytes and polymorphonuclear leukocytes: requirement for reactive metabolites of oxygen.

Increases in choline levels in rat brain elicited by meclofenoxate.

Pesticide effects upon the circadian time structure in the thyroid, adrenal and testis in rats.

Identification of metabolites of 2, 3, 7, 8-tetrachlorodibenzo-P-dioxin (TCDD) formed on incubation with isolated rat hepatocytes.

Purification and characterization of two constitutive forms of rat liver microsomal cytochrome P-450.

[Variation of serum zinc after iron administration to dogs under pancreatic duct ligation (author's transl)].

Toxicokinetics of chloroethanol in the rat after single oral administration.

Relation between intestinal blood flow and oxygen uptake.

High-affinity binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin in cell nuclei from rat liver.

Genetic activity of diethylstilbestrol in *Saccharomyces cerevisiae*: enhancement of mutagenicity by oxidizing agents.

Activation of misonidazole by rat liver microsomes and purified NADPH-cytochrome c reductase.

A malic Acid permease in isolated vacuoles of a crassulacean Acid metabolism plant.

Carcinogenesis Bioassay of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (CAS No. 1746-01-6) in Osborne-Mendel Rats and B6C3F1 Mice (Gavage Study).

Active transport of nicotine by the isolated choroid plexus in vitro.

Effects of extended peroral borate ingestion on rat liver and brain.

Preliminary studies of the metabolic activity of purified suspensions of *Mycobacterium leprae*.

Prolactin receptor turnover in explants of pseudopregnant rabbit mammary gland.

Effect of p-p'-DDE administered in vivo and in vitro on Ca^{2+} binding and Ca^{2+} - Mg^{2+} -ATPase activity in egg shell gland mucosa of ducks.

Nitrophenol compound induces Ca-dependent exocytotic secretion of catecholamines by a direct effect on the plasma membranes of the adrenal medullary cells.

Mitochondrial bioenergetics during the initiation of mercuric chloride-induced renal injury. I. Direct effects of in vitro mercuric chloride on renal mitochondrial function.

Influence of Temperature on Lactate Utilization by Round Spermatids from Rat Testes: (Temperature/lactate/spermatids/rat/oxidative phosphorylation).

Metabolic energy and cytoskeletal requirements for synthesis and secretion by acini from rat mammary gland-I. Ultrastructural and biochemical aspects of synthesis and release of milk proteins.

[Use of the exposure test and the gas concentration measurements in the breathing zones for the evaluation of the workers' exposure to carbon disulfide].

Histochemical localization of carbohydrates and lipids in the liver and kidney of mice poisoned with chlorophenols.

Interrelationships between gluconeogenesis and uricogenesis in chicken liver.

Bacterial metabolism under conditions representing pesticide disposal pits.

The Ah regulatory gene product. Survey of nineteen polycyclic aromatic compounds' and fifteen benzo[a]pyrene metabolites' capacity to bind to the cytosolic receptor.

Lactate metabolism and cytosolic NADH reducing equivalents in ovine adipocytes.

Metabolic energy and cytoskeletal requirements for synthesis and secretion by acini from rat mammary gland-II. Intracellular transport and secretion of protein and lactose.

Potassium transport by rabbit descending colon.

Sequestration requirements for the degradation of 125I-labeled beta nerve growth factor bound to embryonic sensory neurons.

[Catecholamine regulation of the liver and kidney ATPase activity in mice].

Histamine release from rat peritoneal mast cells exposed to ultraviolet light.

Metabolism and excretion of leptophos and its phenol in S and R larvae of the Egyptian cotton leafworm.

Reactivity of key metabolic sterols in standard colorimetric assays for cholesterol.

Microtubule stability and assembly in living cells: the influence of metabolic inhibitors, taxol and pH.

Stress response of juvenile sockeye salmon (*Oncorhynchus nerka*) to the butoxyethanol ester of 2,4-dichlorophenoxyacetic acid.

Effects of acute paraquat toxicity on circulating levels of arachidonic acid, PGF2 alpha and PGE2 in the beagle.

Toxicity of chlorinated phenoxy acids in combination with 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57BL/6 male mice.

Role of glutathione in the metabolism-dependent toxicity and chemotherapy of cyclophosphamide.

Acceleration of lipid peroxidation in human paraquat poisoning.

Paraquat toxicity and lipid peroxidation.

Investigations into the mechanism of paraquat toxicity utilizing a cell culture system.

Inhalation toxicity of acrylic acid.

Teratogenicity of cyclophosphamide metabolites: phosphoramidate mustard, acrolein, and 4-ketocyclophosphamide in rat embryos cultured in vitro.

Carcinogenicity of picloram.

Assessment of the teratogenic potential of acrolein and cyclophosphamide in a rat embryo culture system.

Repeated exposure to alpha-ethylacrolein vapour: subacute toxicity study in rats.

[Effect of the pesticide fundazol on induced sclerotic processes].

[Field study of workers with longterm exposure to calcium cyanamide (author's transl)].

[The effect of some hexachlorobenzene catabolites on the porphyrin metabolism of rats (author's transl)].

Factors affecting the efflux of paraquat from rat lung slices.

Subchronic administration of technical pentachlorophenol to lactating dairy cattle: performance, general health, and pathologic changes.

A comparative review of the pharmacological and toxicological properties of disulfiram and calcium carbimide.

Subtoxic effects of certain chemicals on food crops.

Glycoprotein metabolism in the guinea-pig gastric mucosa in chronic metribuzin poisoning.

Hemoperfusion in toxicology. Basic considerations of its effectiveness.

Mutagenic activity of diallate and triallate determined by a battery of in vitro mammalian and microbial tests.

Arsenic-induced axial skeletal (dysraphic) disorders.

Pulmonary fibrosis in experimental acute respiratory disease.

Effect of cyanamide on the metabolism of ethanol and acetaldehyde and on gluconeogenesis by isolated rat hepatocytes.

Atmospheric pressure ionization mass spectrometry: the routine determination of 2,4,5-trichlorophenoxyacetic acid and its metabolites.

Effect of goitrogen administration on the circadian rhythm of serum thyroid stimulating hormone in the rat.

Binding of [methyl-3H]paraquat to rat, rabbit, hamster, mouse and guinea pig lung proteins, in vitro.

Metabolites of diuron, linuron, and methazole formed by liver microsomal enzymes and spinach plants.

2,4,5-T effects on cardiac and serum lactic dehydrogenase (LDH) and creatine kinase (CK) isozymes. II. Neonatal enzyme activities and isozyme profiles.

2,4,5-T effects on cardiac and serum lactic dehydrogenase (LDH) and creatine kinase (CK) isozymes. I. Maternal enzyme activities and isozyme profiles.

Effect of thyroid status on beta-adrenoreceptors and muscarinic receptors in the rat lung.

Metabolism of 2,5-dichloro-4-hydroxyphenoxyacetic acid in plants.

Gas-liquid chromatographic determination of aniline metabolites of substituted urea and carbamate herbicides in aqueous solution.

The effect of paraquat on the incorporation of ¹⁴C-leucine and ¹⁴C-palmitate into lung proteins and lung lipids of rats and rabbits.

Ethane production by isolated perfused rat liver: a system to study metabolic effects related to lipid peroxidation.

Tissue retention of arsenic in rats fed with founder or cacodylic acid.

Methanol poisoning and formate oxidation in nitrous oxide-treated rats.

Ethanol metabolism in guinea pig: in vivo ethanol elimination, alcohol dehydrogenase distribution, and subcellular localization of acetaldehyde dehydrogenase in liver.

A rapid method for the selective analysis of total urinary metabolites of inorganic arsenic.

The rapidly metabolized 32,000-dalton polypeptide of the chloroplast is the "proteinaceous shield" regulating photosystem II electron transport and mediating diuron herbicide sensitivity.

Paraquat-induced alterations of phospholipids and GSSG-release in the isolated perfused rat liver, and the effect of SOD-active copper complexes.

Investigation on cyclophosphamide treatment during the preimplantation period. II. In vitro studies on the effects of cyclophosphamide and its metabolites 4-OH-cyclophosphamide, phosphoramidate mustard, and acrolein on blastulation of four-cell and eight-cell mouse embryos and on their subsequent development during implantation.

Arterial effects of palmitic, linoleic and acetoacetic acid.

Acute toxicity testing of some herbicides-, alkaloids-, and antibiotics-metabolizing soil bacteria in the rat.

Role of sulfation in the formation of DNA adducts from N-hydroxy-2-acetylaminofluorene in rat liver in vivo. Inhibition of N-acetylated aminofluorene adduct formation by pentachlorophenol.

Determination of hexazinone and metabolite residues using nitrogen-selective gas chromatography.

The effect of cyanamide on acetaldehyde oxidation by isolated rat liver mitochondria and on the inhibition of pyruvate oxidation by acetaldehyde.

Comparison of the urinary excretion of arsenic metabolites after a single oral dose of sodium arsenite, monomethylarsonate, or dimethylarsinate in man.

2,4-Dichloro-phenoxy-acetic acid interactions with the detoxification hepatic systems.

Herbicidal effect on some metabolic processes of *Azotobacter chroococcum*.

Relationship between clinical and electrophysiological findings and indicators of heavy exposure to 2,3,7,8-tetrachlorodibenzo-dioxin.

Therapeutic drug assays with gas-liquid chromatography and optical detection.

Influence of 2,4-dinitrophenol on the susceptibility of rats to hepatotoxic injury.

Biological evaluation of hemoperfusion in acute poisoning.

The role of iron in the toxicity of 2,3,7,8-tetrachlorodibenzo-(p)-dioxin (TCDD).

Influence of inducers of monooxygenases on cytotoxic efficiency of ellipticine on leukemia L1210 cells.

[Experimental studies on metabolism of iron overload in dogs with carbon tetrachloride induced chronic hepatic injury (author's transl)].

The metabolism of arsenic in humans acutely intoxicated by As₂O₃. Its significance for the duration of BAL therapy.

A comparison of purified poly(ADP-ribose) polymerases from Ehrlich ascites tumor cells, pig thymus, and HeLa S3 cells.

Insulin secretion by a transplantable rat islet cell tumour.

Primary structure of the major human pituitary pro-opiomelanocortin NH₂-terminal glycopeptide.
Evidence for an aldosterone-stimulating activity.

Analysis of lipids and dioxin in chloracne due to tetrachloro-2,3,7,8-p-dibenzodioxin.

A non-mitogenic analogue of epidermal growth factor enhances the phosphorylation of endogenous membrane proteins.

Acute and subchronic toxicity studies of rats exposed to vapors of methyl mercaptan and other reduced-sulfur compounds.

Effects of hypoxia and metabolic inhibitors on the electrical and mechanical activities of isolated guinea pig papillary muscles.

Adenylate cyclase and guanylate cyclase activity in normal and leukemic human lymphocytes.

Enhancement of antitumor activity of glutamine antagonists 6-diazo-5-oxo-L-norleucine and acivicin in cell culture by glutaminase-asparaginase.

Comparison of the metabolic and antihypertensive properties of tienilic acid and hydrochlorothiazide.

Inhibitors of oxidative ATP production cause transient vasoconstriction and block subsequent pressor responses in rat lungs.

[Chronoinotropic cardiac autoregulation following hypoperfusion and metabolic blockade].

Hexose transport in normal and SV40-transformed human endothelial cells in culture.

The accumulation of amino acids by mouse ascites-tumour cells. Dependence on but lack of equilibrium with the sodium-ion electrochemical gradient.

Lymphocytotoxins in infectious mononucleosis: a non-cytotoxic effect on lymphocytes at 37 degrees C and the influence of cell metabolism on their cytotoxicity in vitro.

Energy coupling mechanisms in host-grown *Mycobacterium lepraemurium*.

The development and prognosis of chronic intoxication by tetrachlorodibenzo-p-dioxin in men.

delta-Aminolaevulinic acid uptake, toxicity, and effect on [¹⁴C]gamma-aminobutyric acid uptake into neurons and glia in culture.

Role of cell-generated hydrogen peroxide in granulocyte-mediated killing of schistosomula of *Schistosoma mansoni* in vitro.

A comparison of the effects of temperature and metabolic inhibition on the contraction of smooth muscle.

[Effect of thyrocalcitonin on the contraction and relaxation of the isolated myocardium in metabolic blockade and acidosis].

Determination of terminal sugars in transferrin by radio-lectin immunoassay (RLIA)-a new microanalytical procedure.

The K⁺-sensitive hyperpolarization of rat skeletal muscle and metabolic inhibitors.

Biotransformation and porphyrinogenic action of hexachlorobenzene and its metabolites in a primary liver cell culture.

Monocyte-mediated serum-independent damage to hyphal and pseudohyphal forms of *Candida albicans* in vitro.

Porcine pancreatic lipase. Completion of the primary structure.

Alloxan-induced luminol luminescence as a tool for investigating mechanisms of radical-mediated diabetogenicity.

Hormonal Control of Mitotic Development in Tobacco Protoplasts: TWO-DIMENSIONAL DISTRIBUTION OF NEWLY-SYNTHEZED PROTEINS.

Control of the erythrocyte membrane shape: recovery from the effect of crenating agents.

5-Fluoro- and 5-chlorocyclophosphamide: synthesis, metabolism, and antitumor activity of the cis and trans isomers.

Biochemical and morphological changes induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat liver cell plasma membrane.

In vitro synthesis of a mutagenic azide metabolite by cell-free bacterial extracts.

Effects of CO₂, acetylcholine and caerulein in ⁴⁵Ca efflux from isolated mouse pancreatic fragments.

Aggregation of polymorphonuclear leucocytes (PMNs) by leukotriene B₄: effects of cyclooxygenase products and metabolic inhibitors.

Studies on the mechanism of denaturation of cytochrome P-450 by cyclophosphamide and its metabolites.

A study with model substrates of the structure of the sites phosphorylated by rat liver casein kinase TS.

Studies on the biliary excretion and metabolites of hexachlorobenzene in the rat.

Development of a toxicity test system using primary rat liver cells.

Triphenylmethylphosphonium uptake by pancreatic islet cells.

Developmental onset of mixed-function oxidase activity in preimplantation mouse embryos.

Hydrogen peroxide metabolism in human monocytes during differentiation in vitro.

Effect of yeast killer toxin on sensitive cells of *Saccharomyces cerevisiae*.

On the formation of amino acids deriving from spermidine and spermine.

In vitro metabolism of inorganic arsenic by the gastro-intestinal microflora of the rat.

Ether inhibition of ethanol metabolism in isolated rat liver parenchymal cells.

Arachidonic acid-induced chemiluminescence of human platelets: contribution of the prostaglandin and lipoxygenase pathways.

Influence of human beta-thromboglobulin on prostaglandin production by pig aortic endothelial cells in culture.

The amino acid sequence of the gamma-subunit of mouse submaxillary gland 7 S nerve growth factor.

Hydrogen peroxide contracts airway smooth muscle: a possible endogenous mechanism.

Iron absorption in the everted chicken intestine.

The effects of 1,10-phenanthroline on the binding of activated rat hepatic glucocorticoid-receptor complexes to deoxyribonucleic acid-cellulose.

In vivo drug metabolism and liver lobule heterogeneity in the rat.

Properties of the gastric proton pump in unstimulated permeable gastric glands.

Inhibition in vivo of the formation of adducts between metabolites of benzo(a)pyrene and DNA by aryl hydrocarbon hydroxylase inducers.

Effect of energy inhibitors on cell surface diphtheria toxin receptor numbers.

The onset of polymorphonuclear leucocyte membrane-stimulated metabolic activity.

Polyhalogenated biphenyls and phenobarbital: evaluation as inducers of drug metabolizing enzymes in the sheephead, *Archosargus probatocephalus*.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic and renal prostaglandin synthetase.

Effects of ionophore A23187 on calcium fluxes from cultured adrenal cells.

Sorting out of coaggregated brain cell types mediated by specific cell recognition factors in vitro. II. Kinetic and metabolic parameters.

Metabolism of 2,4-dichlorophenoxyacetic acid in cell suspension cultures of soybean (*Glycine max L.*) and wheat (*Triticum aestivum L.*): II. Evidence for incorporation into lignin.

Metabolism of 2,4-dichlorophenoxyacetic acid in cell suspension cultures of soybean (*Glycine max L.*) and wheat (*Triticum aestivum L.*): I. General results.

Enterohepatic circulation in formation of propachlor (2-chloro-N-isopropylacetanilide) metabolites in the rat.

Isolation and somatomedin activity of bovine growth hormone fragment 87-124.

Locus of N-ethylmaleimide action on sugar transport in nucleated erythrocytes.

Mechanism of retraction of the trailing edge during fibroblast movement.

Acetylcholine synthesis and CO₂ production from variously labeled glucose in rat brain slices and synaptosomes.

Induction of benzo[a]pyrene metabolism by 2,3,7,8-tetrachlorodibenzo-p-dioxin in primary cultures of adult rat hepatocytes.

Quantitative correlation between histamine and 35S release from isolated rat mast cells due to the beta-adrenergic blocking drug KÅ¶ 1124.

Citrus Tissue Culture : AUXINS IN RELATION TO ABSCISSION IN EXCISED PISTILS.

An organ culture method for glandular stomach of new born rat.

Effects of brief and intermediate exposures to sulfate submicron aerosols and sulfate injections and cardiopulmonary function of dogs and tracheal mucous velocity of sheep.

The effect of metal chelators and other metabolic inhibitors on the growth of Bifidobacterium bifidus var. Pennsylvanicus.

Acetyl coenzyme A and acetylcholine in slices of rat caudate nuclei incubated in the presence of metabolic inhibitors.

Modification of arginine residues in porcine pancreatic phospholipase A₂.

Characteristics of (+/-)-[14C]-oxprenolol and (+/-)-[14C]-propranolol incorporation by rat lung slices.

High-affinity uptake of spermine by slices of rat cerebral cortex.

A comparison of 2,4-dichlorophenoxyacetic Acid metabolism in cultured soybean cells and in embryogenic carrot cells.

Metabolism of 4-Chloronitrobenzene by the Yeast Rhodosporidium sp.

Lacrimal gland flow and potentials during dinitrophenol, ouabain, and ethacrynic acid perfusion.

The differential localization of various drug metabolizing systems within the rat liver lobule as determined by the hepatotoxins allyl alcohol, carbon tetrachloride and bromobenzene.

Potent induction of rat liver microsomal, drug-metabolizing enzymes by 2,3,3',4,4',5-hexabromobiphenyl, a component of fireMaster.

Changes in body temperature after administration of antipyretics, LSD, delta 9-THC, CNS depressants and stimulants, hormones, inorganic ions, gases, 2,4-DNP and miscellaneous agents.

Coupling between H⁺ transport and anaerobic glycolysis in turtle urinary bladder: effect of inhibitors of H⁺ ATPase.

Pathways of palmitate metabolism in the isolated rat lung.

Induction by glucose of an antimycin-insensitive, azide-sensitive respiration in the yeast Kluyveromyces lactis.

Arthrobacter P1, a fast growing versatile methylotroph with amine oxidase as a key enzyme in the metabolism of methylated amines.

Effect of hypophysectomy and castration on hepatic, pulmonary and intestinal aryl hydrocarbon hydroxylase activities in the rat.

Studies of the effects of agents which alter calcium metabolism on acetylcholine turnover in the rat diaphragm preparation.

[Tissue-specific regulation of rat liver mitochondrial oxidative phosphorylation by a soluble phase of cells from that organ].

Uptake of anticoagulants by isolated rat hepatocytes.

Effects of pyruvate and other metabolites on cyclic GMP levels in incubations of rat hepatocytes and kidney cortex.

Effect of several factors on the liver extract mediated mutagenicity of acrylonitrile and identification of four new in vitro metabolites.

Studies on mutagenic constituents of apple brandy and various alcoholic beverages collected in western France, a high incidence area for oesophageal cancer.

Complete amino acid sequence of bovine thymosin beta 4: a thymic hormone that induces terminal deoxynucleotidyl transferase activity in thymocyte populations.

Salicylic acid inhibition of the irreversible effect of acetylsalicylic acid on prostaglandin synthetase may be due to competition for the enzyme cationic binding site.

Amino acid sequence homologies between the high-mobility-group proteins, HMG-T from trout testis and HMG-1 and -2 from calf thymus: is the poly-aspartic-glutamic acid polypeptide within the main chain?

Energy-dependent activation and magnesium--dependent inactivation of hepatocyte hormone-sensitive phosphodiesterase.

Serotonin uptake by isolated adipose capillary endothelium.

Pigment epithelial cells in culture. Metabolic pathways required for phagocytosis.

Membrane deformability of metabolically depleted human red cells.

Metabolic studies on calcium transport in mammalian lens.

Effect of 2,4 dinitrophenol on the rate of hepatic prostaglandin production.

A new metabolite of propachlor isolated from germfree rat excreta.

Biotransformation and intracellular binding of arsenic in tissues of rabbits after intraperitoneal administration of ⁷⁴As labelled arsenite.

An energy-dependent, sodium-independent component of active p-aminohippurate transport in rabbit renal cortex.

Urinary excretion of inorganic arsenic and its metabolites after repeated ingestion of sodium metaarsenite by volunteers.

Hormone-cytoplasmic interactions controlling sperm nuclear decondensation and male pronuclear development in starfish oocytes.

The effect of intestinal microflora on the enterohepatic circulation of mercapturic acid pathway metabolites.

Ultrastructural demonstration of endogenous peroxidatic activity in mammalian arterial wall.

Buffer electrofocusing of thyroid proteins.

Role of energy metabolism in *Mycoplasma pneumoniae* attachment to glass surfaces.

Metabolism of benzo[a]pyrene in rat prostate glands following 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Alteration of urinary levels of the carcinogen, N-hydroxy-2-naphthylamine, and its N-glucuronide in the rat by control of urinary pH, inhibition of metabolic sulfation, and changes in biliary excretion.

Metabolism of beta-hexachlorocyclohexane-14C in rats following low dosing in the daily diet.

Porcine pancreatic alpha-amylase I: Sequence between the 35th and 410th amino acid.

Simultaneous immobilization of cytochrome P-450 and glucuronyltransferase for synthesis of drug metabolites.

[Paraquat poisoning in a pregnant women (author's transl)].

Early and delayed biochemical effects of paraquat toxicity on rat lung.

Biochemical mechanisms in chemical-induced lung injury: roles of metabolic activation.

Toxicity and bioaccumulation of pentachlorophenol in broiler chickens.

The chronic toxicity of technical and analytical pentachlorophenol in cattle. I. Clinicopathology.

Accumulation of anionic pesticides by rabbit choroid plexus in vitro.

Effects of pentachlorophenol on rat liver changes induced by hexachlorobenzene, with special reference to porphyria, and alterations in mixed function oxygenases.

[Effect of the pesticide, fundazol, on the myocardium of rats with experimental atherosclerosis].

Cytogenetic toxicity of cyclophosphamide and its metabolites in vitro.

The embryotoxicity of the cyclophosphamide metabolite acrolein in rabbits, tested in vivo by i.v. injection and by the yolk-sac method.

Human health effects of selected pesticides, chloroaniline derivatives.

[Effects of acute or chronic poisoning with lindane or 2,4,5-trichlorophenoxyacetic acid on adrenal and urinary catecholamines of rats. Effect of a hypo- and hyperlipidic diet].

[Effects of toxic gases and phagocytic defense of the respiratory system. "In vitro" approach].

Prevention of isophosphamide-induced urothelial toxicity with 2-mercaptoethane sulphonate sodium (mesnum) in patients with advanced carcinoma.

The involvement of porphyrinogenic steroids in the development of experimental porphyria.

Oxygen effects of metabolism and paraquat uptake in rat lung slices.

Physico-chemical, mutagenic and carcinogenic properties of nitrosated urea herbicide metabolites.

Does acrolein contribute to the cytotoxicity of cyclophosphamide?

Studies on the disposition and metabolism of pentachloroanisole in female mice.

Metabolism of the herbicide buthidazole in corn seedlings and alfalfa plants.

Gas chromatographic determination of fluridone aquatic herbicide and its major metabolite in fish.

Metabolism of deethylatrazine, deisopropylatrazine, and hydroxyatrazine by the soluble fraction (105000 g) from goose liver homogenates.

Ethanol oxidation by rat brain in vivo.

The biotransformation of allyl alcohol and acrolein in rat liver and lung preparations.

Peanut uptake and metabolism of [¹⁴C]oxadiazon from soil.

Studies on the action of pesticides upon the endocrines using in vitro human thyroid cells culture and in vivo animal models. II. Herbicides-prometrin and terbutrin.

Metabolic fate of the herbicide dicamba in a lactating cow.

Effects of atrazine on circadian RNA, DNA and total protein rhythms in the thyroid and adrenal.

Incorporation of foreign compound metabolites into plant and soil constituents.

Mutagenic potency of haloacroleins and related compounds.

The effects of ozone and paraquat on PGF₂ alpha and PGE₂ levels in plasma and combined pleural effusion and lung lavage of rats.

A review of the coordinated research effort on the comparison of test systems for the detection of mutagenic effects, sponsored by the E.E.C.

The metabolic fate of a herbicidal methylmercapto-s-triazine (cyanatryn) in the rat.

Metabolism of ¹⁴C-labeled hexazinone in the rat.

Metabolic fate of the herbicide buthidazole in lactating cows and laying hens.

[Myotonic effects of 2,4-Dichlorophenoxyacetate (2,4-D) on the isolated frog skeletal muscle (author's transl)].

Comparison of the mutagenicities of malondialdehyde and the side products formed during its chemical synthesis.

Minimizing occupational exposure to pesticides: recent developments in methodology for monitoring pesticide metabolites in human urine.

Effect of chlorophenols on porphyrin metabolism in rats and chick embryo.

In vitro methods for the study of the effects of teratogens on preimplantation embryos.

Thidiazuron uptake, distribution and metabolism in bluegills and channel catfish.

Identification of two sulphur containing urinary metabolites of cinnamic aldehyde in the rat [proceedings].

Hexachlorobenzene (HCB) and some of its sulfur-containing metabolites: tissue retention and excretion routes in mice.

Mutagenicity of pesticides evaluated by means of gene-conversion in *Saccharomyces cerevisiae* and in *Aspergillus nidulans*.

Effect of a specific 5HT uptake inhibitor (citalopram) on drug accumulation by rat lung slices.

The effects of 2,4-dichlorophenoxyacetic acid on respiration, nitrogen and carbohydrate metabolism of *Aspergillus terreus* Thom.

A membrane glycoprotein from human neuroblastoma cells isolated with the use of a monoclonal antibody.

Mechanism of the linkage between the electrophoretic mobility and oxygen uptake of ascites tumor cells.

Differential alterations in host peripheral polymorphonuclear leukocyte chemiluminescence during the course of bacterial and viral infections.

Cultured hepatoma cells as a model system for studying insulin processing and biologic responsiveness.

The influence of hypoxia and metabolic inhibitors on the excitation process in atrioventricular node.

Effects of 2,4-dinitrophenol and other metabolic inhibitors on the bidirectional carrier fluxes, net transport, and intracellular binding of methotrexate in Ehrlich ascites tumor cells.

Metabolism of 3,3'-Diiodothyronine and 3'-monoiodothyronine, and effect of potassium cyanide and dinitrophenol and glucuronidation of thyroxine in cultured rat hepatoma cells.

Lymphocyte capping induced by polycationized ferritin.

Metabolic dependence of the electromyogram of the cat colon.

The effects of acute and subacute sodium arsenite administration on carbohydrate metabolism.

[Adriamycin-cardiomyopathy induced by an increment of (Ca^{2+}) (author's transl)].

Isolation, characterization and amino acid sequence studies of the cyanogen bromide fragments of the H-2Dd glycoprotein.

Relationship between membrane transport of methotrexate and endogenous cyclic adenosine 3':5'-monophosphate in the Ehrlich ascites tumor.

Energization of amino acid transport in energy-depleted Ehrlich cells and plasma membrane vesicles.

Antibodies specific for histone H2b fragments 1-58 and 63-125 in antisera to H2b and to the fragments: probes for histone evolution.

Processing of prolactin by human breast cancer cells in long term tissue culture.

Characterization of collagen synthesized by normal and chemically transformed rat liver epithelial cell lines.

Effects of metabolic inhibitors on the regulation of pancreatic glucagon release.

Increased total and high density lipoprotein cholesterol with apoprotein changes resembling streptozotocin diabetes in tetrachlorodibenzodioxin (TCDD) treated rats.

Induction of 2',3'-cyclic nucleotide 3'-phosphohydrolase and morphological alterations in C6 glioma cells by dexamethasone, (3-butoxy-4-methoxybenzyl)-2-imidazolinone and prostaglandin E1.

The impact of streptozotocin-induced diabetes mellitus on cyclic nucleotide regulation of skeletal muscle amino acid metabolism in the rat.

[Use of antagonistic metals to correct copper metabolism in patients with hepatocerebral dystrophy].

General health effects of prolonged exposure to 3,3',4,4'-tetrachloroazobenzene and 3,3',4,4'-tetrachloroazoxybenzene in rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin: segregation of toxicity with the Ah locus.

Role of the endocrine system in the action of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the thymus.

Biological evaluation of hemoperfusion in acute poisoning.

Congenital hypothalamic hamartoblastoma, hypopituitarism, imperforate anus and postaxial polydactyly--a new syndrome? Part I: clinical, causal, and pathogenetic considerations.

[Experimental study on elucidating pathogenesis of adriamycin induced cardiomyopathy (author's transl)].

Interactions between essential trace and ultratrace elements.

Effect of polychlorinated biphenyl, dibenzofuran and dibenzo-p-dioxin on the susceptibility of male mice to endotoxin.

Structural characterization of the phosphorylation sites of human erythrocyte spectrin.

Primary structure of diphtheria toxin fragment B: structural similarities with lipid-binding domains.

Effect of metabolic inhibitors on renal tubule cell volume.

Induction of aryl hydrocarbon hydroxylase activity in the rat prostate glands by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Catalysis of divergent pathways of 2-acetylaminofluorene metabolism by multiple forms of cytochrome P-450.

Properties of carnitine transport in rat kidney cortex slices.

Cytotoxicity and DNA cross-linking activity of 4-sulfidocyclophosphamides in mouse leukemia cells in vitro.

Comparison of p-p'-DDE and o-p'-DDE on eggshell thickness and Ca binding activity of shell gland in ducks.

Metabolic and cytoskeletal modulation of transferrin receptor mobility in mitogen-activated human lymphocytes.

Stimulus secretion coupling: role of cyclic GMP and calcium in the regulation of secretion from rat exocrine pancreas.

Thermal injury of *Yersinia enterocolitica*.

Metabolism of 2,4-Dichlorophenoxyacetic Acid (2,4-D) in Soybean Root Callus : EVIDENCE FOR THE CONVERSION OF 2,4-D AMINO ACID CONJUGATES TO FREE 2,4-D.

Solid-phase synthesis of human pancreatic polypeptide.

Tissue distribution, excretion, and metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the Golden Syrian hamster.

An approach to the structure of thyroglobulin. Hormone-forming sequences in porcine thyroglobulin.

Metabolism of propachlor by the germfree rat.

Control of hepatic arterial blood flow: independence from liver metabolic activity.

Digoxin-quinidine interaction: in vitro studies in rat tissue.

Effects of orchidectomy on the adrenal macrophage system.

Synthesis and secretion of hemolysin by *Escherichia coli*.

Changes in the oxidative metabolism during maturation of amphibian oocytes.

Effect of thyrotropin-releasing hormone (TRH) on local cerebral glucose utilization, by the autoradiographic 2-deoxy[14C]glucose method, in conscious and pentobarbitalized rats.

Organ culture of adult rat colonic mucosa on fibrin foam.

Amino acid sequence of a collagenolytic protease from the hepatopancreas of the fiddler crab, *Uca pugilator*.

The effects of calcium ions, ionophore A23187 and inhibition of energy metabolism on protein degradation in the rat diaphragm and epitrochlearis muscles in vitro.

Studies of the chick renal mitochondrial 25-hydroxyvitamin D-3 24-hydroxylase.

Soluble Sugars, Respiration, and Energy Charge during Aging of Excised Maize Root Tips.

Retinoids inhibit 2,3,7,8-tetrachlorodibenzo-p-dioxine-induced activity of benzo[a]pyrene metabolizing enzymes in human diploid fibroblasts.

The characterization of [3H] adenosine uptake into rat cerebral cortical synaptosomes.

Gas-chromatographic method for the halothane metabolites, trifluoroacetic acid and bromide, in biological fluids.

Genetic expression of aflatoxin B1 metabolism: effects of 3-methylcholanthrene and 2,3,7,8-tetrachlorodibenzo-p-dioxin on the metabolism of aflatoxins B1 and B2 by various inbred strains of mice.

Use of an uncoupling agent to distinguish between direct stimulation of metabolism and direct stimulation of transport: investigation of antidiuretic hormone and aldosterone.

Inhibition of lymphocyte growth by spermidine in medium containing fetal bovine serum.

Studies on the disulfide bonds in human pituitary follicle-stimulating hormone.

Phosphorus nuclear magnetic resonance of bovine platelets.

Active renal hexose transport. Structural requirements.

Renal excretion of urea in the salamander, *Ambystoma tigrinum*.

Adriamycin-induced alterations of the action potential in rat papillary muscle.

The control of pigment migration in isolated erythrocytes of *Holocentrus ascensionis* (Osbeck). I. Energy requirements.

Selective depression of 2,4-dinitrophenol depolarized canine Purkinje fibers by lidocaine.

Naphthalene metabolism by pseudomonads: purification and properties of 1,2-dihydroxynaphthalene oxygenase.

The generation of sulfation factor activity by proteolytic modification of growth hormone.

Screening for barley mutants with altered hormone sensitivity in their aleurone layers.

Metabolic studies on pentachloronitrobenzene (PCNB) in rats.

Metabolism of o-[methyl-14C]toluidine in the F344 rat.

Studies on peptides. LXXXVII. Synthesis of an octacosapeptide amide corresponding to the entire amino acid sequence of chicken vasoactive intestinal polypeptide (VIP).

Chlorinated phenols: occurrence, toxicity, metabolism, and environmental impact.

Phosphate accumulation by the isolated renal tubule and the effects of parathyroid hormone and cyclic adenosine monophosphate.

Calcium accumulation by chick intestinal mitochondria. Regulation by vitamin D-3 and 1,25-dihydroxyvitamin D-3.

Substrate supply and function of isolated venous smooth muscle under anoxia and metabolic inhibition.

Effects of metabolic inhibitors on the efflux of 5-hydroxytryptamine from pancreatic Beta-cells.

In vitro and in vivo evaluation of the movement of Kepone in the rat submaxillary gland.

Metabolism of three active analogues of the male antifertility agent alpha-chlorohydrin in the rat.

Non-hormonal activation of glycogenolysis in perfused rat livers.

Dynamics of O₂ consumption in rat pancreatic islets.

Effects of metabolic and transport inhibitors on sodium transport and CO₂ production of toad bladders: use of an uncoupling agent to distinguish between effects on transport and metabolism.

Stimulus-secretion coupling in rat pancreas: role of sodium, calcium and cyclic nucleotides studied by X-537A and BrX-537A.

Mechanisms of action potential propagation failure at sites of axon branching in the crayfish.

Uptake of gentamicin by separated, viable renal tubules from rabbits.

Characteristics of 5-hydroxytryptamine transport in pancreatic islets.

Effect of human gastric juice on the mutagenicity of chemicals.

Effect of ATPase inhibitors on the proton pump of respiratory-deficient yeast.

Analysis of the lytic step in the herpes simplex virus antibody-dependent cellular cytotoxicity system.

Whole-body retention, excretion and metabolism of [⁷⁴As]arsenic acid in the hamster.

Energy metabolism of the anaerobic protozoon *Giardia lamblia*.

Occurrence of two different endorphins in the salmon pituitary.

Metabolism of tritiated parathyroid hormone by a kidney cortex plasma membrane preparation.

Developmental Effects of Sandoz 6706 on Activities of Enzymes of Phenolic and General Metabolism in Barley Shoots Grown in the Dark or under Low or High Intensity Light.

Metabolism of Dibenzo-p-Dioxin and Chlorinated Dibenzo-p- Dioxins by a *Beijerinckia* Species.

[Structural characteristics and growth activity of sperm whale somatotropin and its fragments].

Effect of metabolic inhibitors on ⁴⁵Ca fluxes and ATP content of myelinated nerve.

[Peripheral regulation of the adrenergic mediator process in the smooth muscles of the rat small intestine].

Biosynthesis of interstitial types of collagen by albumin-producing rat liver parenchymal cell (hepatocyte) clones in culture.

Comparative metabolism of 2,4-dichlorophenoxyacetic Acid in cotyledon and leaf callus from two varieties of soybean.

Effects of Glyphosate on Metabolism of Phenolic Compounds: V. I-alpha-AMINOXY-beta-PHENYLPROPIONIC ACID AND GLYPHOSATE EFFECTS ON PHENYLALANINE AMMONIA-LYASE IN SOYBEAN SEEDLINGS.

Uptake, elimination, and metabolism of three phenols by fathead minnows.

Cold and metabolic inhibitor effects on cytoplasmic microtubules and the Golgi complex in cultured rat epiphyseal chondrocytes.

Metabolism of alpha- and beta-pinene, p-cymene and 1,8-cineole in the brushtail possum, *Trichosurus vulpecula*.

Solid-phase synthesis of porcine vasoactive intestinal peptide.

Interaction of cytopathogenic toxin from *Clostridium difficile* with cells in tissue culture.

The site of action of 2,4-dinitrophenol and salicylic acid upon the uncoupler-induced K⁺ efflux from non-metabolizing yeast.

The development of mesna for the inhibition of urotoxic side effects of cyclophosphamide, ifosfamide, and other oxazaphosphorine cytostatics.

Physiological conditions affecting the sensitivity of *Saccharomyces cerevisiae* to a *Pichia kluyveri* killer toxin and energy requirement for toxin action.

Relation between energy metabolism in mitochondria and conversion of 18 hydroxycorticosterone to aldosterone in adrenals.

Studies on cartilage formation. XXII. Investigations of certain oxidative metabolic processes in regenerating articular cartilage.

Movement of calcium ions and release of histamine from rat mast cells.

The toxicity and renal handling of paraquat in cynomolgus monkeys.

The effects of aminotriazole (ATZ) on the thyroid gland and the development of the White Leghorn chick.

Delayed neurotoxic, late acute and cholinergic effects of S,S,S-tributyl phosphorotrithioate (DEF): subchronic (90 days) administration in hens.

Biochemical and morphological correlation of oxidant-induced pulmonary injury: low dose exposure to paraquat, oxygen, and ozone.

[Biological value of Mironovskaya-808 winter wheat grown using the herbicide simazine].

Toxic substances and cell membrane function.

Reproduction hormones and the potential biocide substances.

Toxicity of 1,1'-alkyl-4,4'-bipyridylium salts in the rat.

[Disturbances in the processes of division and differentiation of the spermatopoietic epithelium in chronic Ramrod poisoning].

Acrolein, the causative factor of urotoxic side-effects of cyclophosphamide, ifosfamide, trofosfamide and sufosfamide.

[Histological changes of organs in sheep with chronic simazine poisoning].

Treatment of severe 2,4-D and mecoprop intoxication with alkaline diuresis.

Changes of metabolism during experimentally induced myotonia of rats. II. Alterations in creatine kinase and acid phosphatase activities: a possible mechanism in the development of muscle damage.

Changes of metabolism during experimentally induced myotonia of rats. I. Alterations in lactate and malate dehydrogenase isoenzyme activities.

Studies on the action of pesticides upon the endocrines using in vitro human thyroid cells culture and in vivo animal models. I. Herbicides--aminotriazole (amitrol) and atrazine.

Metabolism and selectivity of fluchloralin in soybean roots.

Mercapturic acid occurrence in fish bile. A terminal product of metabolism of the herbicide molinate.

Effects of atrazine on the toxicity, penetration and metabolism of carbofuran in the house fly.

A new in vitro method for testing plant metabolism in mutagenicity studies.

Determination of s-triazine herbicide residues in urine: studies of excretion and metabolism in swine as a model to human metabolism.

S-Chloroallyl thiocarbamate herbicides: mouse hepatic microsomal oxygenase and rat metabolism of cis- and trans-[¹⁴C = O]diallate.

Effects of s-triazine herbicides on hormone-receptor complex formation, 5 alpha-reductase and 3 alpha-hydroxysteroid dehydrogenase activity at the anterior pituitary level.

Propachlor detoxication in the small intestine: cysteine conjugation.

The metabolism and disposition of halogenated aromatics.

Metabolism and selectivity of diclofop-methyl in wild oat and wheat.

Metabolism of [¹⁴C]fosamine ammonium in the rat.

[Phytotoxic metabolites of soil penicillia].

[Fluorometric determination of "activated" cyclophosphamide and ifosfamide in blood (author's transl)].

Thiourea and cyanamide as inhibitors of thyroid peroxidase: the role of iodide.

The effect of oxygen and paraquat on the ¹⁴C-glucose oxidation of rabbit alveolar macrophages and lung slices.

On the mechanism of paraquat action on microsomal oxygen reduction and its relation to lipid peroxidation.

Multi-residue method for the determination of chlorinated phenol metabolites in urine.

Dissociation of microsomal oxygen reduction and lipid peroxidation with the electron acceptors, paraquat and menadione.

Metabolism of atrazine by the soluble fraction (105000g) from chicken liver homogenates.

Determinants of the renal handling of 2, 4-dichlorophenoxyacetic acid by winter flounder.

[Mesoramil metabolism in the body of warm-blooded animals].

The effect of paraquat on the aerobic metabolism of rabbit alveolar macrophages and lung fibroblasts.

[Preparation of a chloridazon metabolite by use of immobilized chloridazon-dihydrodiol dehydrogenase. Some properties of the immobilized enzyme].

Metabolism and distribution of 2,4,5-trichlorophenoxyacetic acid (2,4,5-T) in pregnant mice.

[Action of herbicide "Atrazine" on thymus and bursa in chickens].

Excretion balance, metabolic fate, and tissue residues of N-phenyl-N'-1,2,5,-thiadiazol-3-ylurea (photothidiazuron) in rats.

Metabolism of 2-chloro-N-isopropylacetanilide (propachlor) in the rat.

Metabolism of 2-chloro-N-isopropylacetanilide (propachlor) in the sheep and milk goat.

Effects of enantiomeric homogeneity on the in vitro metabolism and in vivo anticancer activity of (+)- and (-)-cyclophosphamide.

Induction in vitro of reversible immunosuppression and inhibition of B cell receptor regeneration by defined metabolites of cyclophosphamide.

Studies on the origin of the methylsulfonyl-containing metabolites from propachlor.

Renal transport and renal metabolism of 2, 4, 5-trichlorophenoxyacetate by the chicken.

Enhanced efflux of actinomycin D, vincristine, and vinblastine in adriamycin-resistant subline of P388 leukemia.

Role of peripheral tissue receptors in stimulation of ventilation by 2,4-dinitrophenol.

Correlation between metabolic reduction rates and electron affinity of nitroheterocycles.

Pyrolysis products from amino acids and protein: highest mutagenicity requires cytochrome P1-450.

[Existence of several non-specific recognition systems in macrophages].

The role of superoxide anion generation in antibody-dependent polymorphonuclear leukocyte-mediated cytotoxicity.

Expression of the major red cell sialoglycoprotein, glycophorin A, in the human leukemic cell line K562.

Defect in regulation of membrane transport of monosaccharides in dystrophic muscle.

Acute pulmonary injury in rats by nitrofurantoin and modification by vitamin E, dietary fat, and oxygen.

Mode of uptake and degradation of ¹²⁵I-labelled insulin by isolated hepatocytes and H4 hepatoma cells.

Assessment of environmental factors affecting male fertility.

Active efflux of daunorubicin and adriamycin in sensitive and resistant sublines of P388 leukemia.

High-affinity uptake of gamma-aminobutyric acid in cultured glial and neuronal cells.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on splenic lymphocyte transformation in mice after single and repeated exposures.

Laboratory studies on the immune effects of halogenated aromatics.

Long-term toxicologic studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in laboratory animals.

Developmental toxicology of the halogenated aromatics: effects on enzyme development.

Iron deficiency prevents liver toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Capping of surface immunoglobulin on 'hairy cells' is independent of energy production.

The protective action of inosine on isolated arteries in hypoxia.

Absence of microsomal lipid peroxidation in acatalasemic mice.

Self-poisoning by sodium chlorate--some unusual features.

[Study of acute and chronic effects of single doses of tetrachlorodibenzodioxin (TCDD) in Wistar rats].

Metabolism of toluene in man: gas-chromatographic determination of o-, m- and p-cresol in urine.

Chemical exposure and intestinal function.

Regulation of calcium transport in isolated periosteal cells, effects of hormones and metabolic inhibitors.

Gibberellic Acid Activates Chromatin-bound DNA-dependent RNA Polymerase in Wounded Potato Tuber Tissue.

Sucrose uptake by sugar beet tap root tissue.

Ontogeny of the rat hepatic receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin and its endocrine independence.

Effect of sodium azide on the ultrastructural preservation of tissues.

Evidence for the involvement of an energy-dependent process in gonadotropin-releasing hormone-stimulated luteinizing hormone release by rat anterior pituitary.

Possible role of cyclic GMP in stimulus-secretion coupling by salt gland of the duck.

Location of the antigenic determinants of bovine pancreatic ribonuclease.

Studies of the biological and immunological properties of parathyroid hormone, labeled selectively on the methionine residues by [3H]methyl exchange to high specific activity.

Analysis of the adhesion step in the herpes simplex virus antibody-dependent cellular cytotoxicity system.

Inhibitory effect of certain drugs on thyroid hormone binding by human liver cytosol.

Prostaglandins have limited actions on abnormalities of beating induced in cultured heart cells.

Effect of sodium chloride on the respiratory function of *Staphylococcus aureus*.

Evidence for new factors in the coordinate regulation of energy metabolism in *Escherichia coli*. Effects of hypoxia, chloramphenicol succinate, and 2,4-dinitrophenol on glucose utilization, glycogen synthesis, adenylate energy charge, and hexose phosphates during the first two periods of nitrogen starvation.

Urinary o-cresol in toluene exposure.

The isolation and partial sequence of peptides produced by cyanogen bromide cleavage of calf thymus non-histone chromosomal high-mobility-group protein 2. Sequence homology with non-histone chromosomal high-mobility-group protein 1.

Dispersal and reformation of acetylcholine receptor clusters of cultured rat myotubes treated with inhibitors of energy metabolism.

In vivo conversion of sodium azide to a stable mutagenic metabolite in *Salmonella typhimurium*.

Sodium dependence of the nerve growth factor--regulated hexose uptake in chick embryo ganglionic cells.

Superficial or membrane digestion of peptides in dinitrophenol-inhibited rat small intestine.

The amino acid sequence of mouse pancreatic ribonuclease. Extremely rapid evolutionary rates of the myomorph rodent ribonucleases.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the hepatic metabolism of testosterone in the rat.

Primary structure of human fibrinogen and fibrin. Structural studies on NH₂-terminal part of B beta chain.

Effect of chlorine substitution on the bacterial metabolism of various polychlorinated biphenyls.

Metabolic dependence of the offset of antidiuretic hormone-induced osmotic flow of water across the toad urinary bladder.

Characterization of a C₂₁ neutral steroid hormone transforming enzyme, 21-dehydroxylase, in crude cell extracts of *Eubacterium lentum*.

Isolation and separation of toad bladder epithelial cells.

The covalent structure of calf skin type III collagen. IV. The amino acid sequence of the cyanogen bromide peptide alpha 1(III)CB5 (positions 552--788).

Reversal of sodium-azide mutagenicity by liver preparations and by gastric juice.

Porcine pancreatic lipase. Sequence of the first 234 amino acids of the peptide chain.

L-Thyroxine effects upon ATPase activities of several subcellular fractions of liver of the rat and the guinea pig.

The formation of dihydrodiols by the chemical or enzymic oxidation of 7-hydroxymethyl-12-methylbenz[alpha]anthracene and the possible role of hydroxymethyl dihydrodiols in the metabolic activation of 7,12-dimethylbenz[alpha]anthracene.

Urinary acidification in turtle bladder is due to a reversible proton-translocating ATPase.

In vitro metabolism of 1,2-dihaloethanes to ethylene.

A pituitary endorphin with novel properties.

Effects of temperature, metabolic inhibitors and some other factors on fluid-phase and adsorptive pinocytosis by rat peritoneal macrophages.

Ultrastructural correlates of luminescence in *Porichthys* photophores. II. Effects of metabolic inhibitors.

Studies of the mechanisms of toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Activation of rat liver guanylate cyclase by proteolysis.

Local aggregation of hormone-receptor complexes is required for activation by epidermal growth factor.

Thyroid hormone stimulates synthesis of a cardiac myosin isozyme. Comparison of the two-dimensional electrophoretic patterns of the cyanogen bromide peptides of cardiac myosin heavy chains from euthyroid and thyrotoxic rabbits.

Uncoupling agents distinguish between the effects of metabolic inhibitors and transport inhibitors.

Nature of the phosphorylated 26 000 molecular weight protein extracted from dog thyroid with contractile proteins.

Postnatal amino acid uptake by the rat small intestine. Energetics of membrane transport systems for amino acids in the developing jejunum.

Metabolic activation/deactivation reactions during perinatal development.

Calcium and pancreatic beta-cell function. 5. Mobilisation of a glucose-stimulated pool of intracellular ⁴⁵Ca by metabolic inhibitors and the ionophore A-23187.

Metabolic similarities between fertilization and phagocytosis. Conservation of a peroxidatic mechanism.

Metabolic activation and deactivation of mutagens and carcinogens.

[Role of metabolic energy in the regulation of chlortetracycline transport in *Escherichia coli*].

Hormonal alterations in female rhesus monkeys fed a diet containing 2, 3,7,8-tetrachlorodibenzo-p-dioxin.

The influence of some metabolic inhibitors on phagocytic activity of mouse macrophages in vitro.

Studies on the effect of neonatal hypermetabolism on hypothalamo-pituitary-thyroid axis in adult rats.

Determination of iodide in metabolic studies of ¹²⁵I-labeled compounds.

Myeloperoxidase-mediated platelet release reaction.

Injury and recovery of *Escherichia coli* after sublethal acidification.

Studies on modification of tryptophan, methionine, tyrosine and arginine residues of human follicle-stimulating hormone and its subunits.

Distribution of the messenger RNA coding for the common precursor of corticotropin and beta-lipotropin within the bovine pituitary.

Inhibition of the circadian rhythm of CO₂ metabolism in *Bryophyllum* leaves by cycloheximide and dinitrophenol.

Bioassay of calcium cyanamide for possible carcinogenicity.

Bioassay of Nitrofen for Possible Carcinogenicity (CAS No. 1836-75-5).

Effects of 2,4-dinitrophenol amylobarbitone and certain other drugs on the rate of oxygen consumption and force of contraction of isolated curarized diaphragm muscle of the rat.

2,3,7,8-Tetrachlorodibenzo-p-dioxin: covalent binding of reactive metabolic intermediates principally to protein in vitro.

Uptake of 2-deoxy-D-glucose by cortical synaptosomes from the Long-Evans rat.

Phagocytosis and cellular metabolism (a study on mouse and human macrophages in culture).

The metabolic fate of N-isopropyl-N-phenyloxamic acid in the rat and the milk goat.

Hexose transport and phosphorylation by capillaries isolated from rat brain.

Changes in steroid hormone metabolism in rat liver microsomes following administration of 2,3,7,8-tetrachlorodibenzo-p-dioxine (TCDD).

Allyl alcohol-induced changes in the rat exocrine pancreas.

An ouabain-insensitive Na-ATPase of the arterial vascular muscle cell and its relation to ouabain-sensitive Na,K-ATPase.

Regulative influence of o-aminobenzoic acid on the biosynthesis of nourseothricin in cultures of *Streptomyces noursei* JA 3890b. IV. Bistability of metabolism and the mechanism of action of aminobenzoic acids.

Mammalian endogenous peroxidases as cellular markers and as biosynthetic endpoints of hormone-mediated activity: viewpoint from cytochemistry.

Effect of metabolic inhibitors on vasopressin-stimulated transport systems in the toad bladder.

Hormonally induced cell shape changes in cultured rat ovarian granulosa cells.

Recent state of lindane metabolism. Part II.

Cyclic AMP formation and release by cultured bone cells stimulated with prostaglandin E2.

Metabolism of phenol and resorcinol in *Trichosporon cutaneum*.

Paraquat poisoning: a review.

Changes of adenosine triphosphatase activity in the testes of albino rats under combined influence of low-frequency vibration and intoxication with the herbicide "Ramrod".

[Clinico-pathological study of acute paraquat poisoning (author's transl)].

Dietary subacute toxicity of ethylene thiourea in the laboratory rat.

The influence of paraquat on the in vitro oxygen consumption of rabbit lung.

Alterations of glucose metabolism during perfusion of rat lung with paraquat.

Fatal paraquat poisoning: tissue concentrations and implications for treatment.

Enhanced lung toxicity of paraquat in selenium-deficient rats.

[Pathomorphological studies in experimental simazine poisoning of sheep].

Reduced body clearance as the major mechanism of the potentiation by beta2-adrenergic agonists of paraquat lethality in rats.

[Hexachlorbenzene (HCB) induced porphyria in rats. Influence of HCB-metabolites on the biosynthesis of heme (author's transl)].

alpha-aminoisobutyrate transport into cells from R3230AC mammary adenocarcinoma. Evidence for sodium ion-dependent and -independent carrier-mediated entry and effects of diabetes.

Comparative effects of aminotriazole on normal and acatalasemic mice.

Carcinogenic and antitumor effects of aminotriazole on acatalasemic and normal catalase mice.

Characteristics of proline transport into R3230AC mammary tumor cells.

Reversal by theophylline of some changes characteristically accompanying hypothyroidism in rats.

The effect of paraquat on the respiration of lung cell fractions.

The effects of paraquat on prostaglandin synthesis of guinea pig lungs.

A comparative study on the effects of disulfiram, cyanamide and 1-aminocyclopropanol on the acetaldehyde metabolism in rats.

Metabolism of [ring-14C]ordram (molinate) in the rat. 2. Urinary metabolite identification.

Metabolism of [ring-14C]ordram (molinate) in the rat. I. Balance and tissue residue study.

Excretion and metabolism of 3,4,5-tribromo-N,N,alpha-trimethyl-1H-pyrazole-1-acetamide in the rat.

Denaturation of cytochrome P-450 by cyclophosphamide metabolites.

[Metabolism of buturon in the rat].

Developmental restrictions on hormone modulated gene transcription. I. Effects of auxin on template capacity and chromatin-bound RNA polymerase.

Developmental restrictions on hormone modulated gene transcription. II. Hormone induced interactions of RNA polymerase with chromatin.

Mass spectral characterization of the glucuronide conjugates of terbutryn (2-(t-butylamino)-4-(ethylamino)-6-(methylthio)-s-triazine) metabolites from rats and goat.

Metabolism of [14C] terbutryn (2-(t-butylamino)-4-(ethylamino)-6-(methylthio)-s-triazine) by rats and goat.

An example of the oxidative de-esterification of an isopropyl ester. Its role in the metabolism of the herbicide flumpropisopropyl.

[Vertebrate hormones influence on the reproduction of *Biomphalaria glabrata* and on *Schistosoma mansoni* infection (author's transl)].

Excretion balance, metabolic fate, and tissue residues following treatment of lactating goats and laying hens with thidiazuron cotton defoliant.

Effects of atratone on hormone-dependent reactions in hypothalamus, pituitary and prostate gland.

Excretion balance, metabolic fate, and tissue residues following treatment of rats with thidiazuron cotton defoliant.

Metabolism of 2,4-dichlorophenoxyacetic acid (2,4-D) in bluegills and water.

Gas chromatographic analysis of tebuthiuron and its metabolites in grass, sugarcane, and sugarcane by-products.

Metabolism of pentachlorophenol in vivo and in vitro.

[Role of pyruvate kinase in non-specific changes of carbon photosynthetic metabolism, caused by the photophosphorylation inhibition].

Hydrogen metabolism in the facultative anoxygenic cyanobacteria (blue-green algae) *Oscillatoria limnetica* and *Aphanothece halophytica*.

[Metabolism and excretion of ³²P-aminophon in lactating cattle].

Thiocarbamate herbicide metabolism: microsomal oxygenase metabolism of EPTC involving mono- and dioxygenation at the sulfur and hydroxylation at each alkyl carbon.

Mutagenicity of diallate, sulfallate, and triallate and relationship between structure and mutagenic effects of carbamates used widely in agriculture.

[Metabolism of ordram, a herbicide of the thiocarbamate group, by microorganisms].

The effects of pentachlorophenol (PCP) and 2,4-dinitrophenol (DNP) on the oxygen consumption of tissues from the blue crab, *Callinectes sapidus*, under different osmotic conditions.

Migration of human lymphocytes. II. Variation of lymphocyte distribution.

[Some peculiarities of ATPase in tumor mitochondria].

[Antipyretic activity of SL-573 (II) (author's transl)].

Studies on the mode of action of beclotiamine on *Eimeria tenella*.

Reversion of transformed glycolysis to normal by inhibition of protein synthesis in rat kidney cells infected with temperature-sensitive mutant of Rous sarcoma virus.

Uptake and metabolism of thyroid hormones by cultured monkey hepatocarcinoma cells. Effects of potassium cyanide and dinitrophenol.

[What does conservative therapy of "idiopathic" facial paresis accomplish?].

[Mechanism of the decrease in basal metabolism during adaptation to hypoxia].

Tumour-necrosis factor from the rabbit. I. Mode of action, specificity and physicochemical properties.

Alteration of sensitivity and time scale in invertebrate photoreceptors exposed to anoxia, dinitrophenol, and carbon dioxide.

Pancreatic carcinogenesis and naturally occurring pancreatic neoplasms of rats and mice in the NCI carcinogenesis testing program.

Subcellular metabolite concentrations. Dependence of mitochondrial and cytosolic ATP systems on the metabolic state of perfused rat liver.

Treatment of arterial hypertension with tienilic acid, a new diuretic with uricosuric properties.

Methylnitrosophenylurea--a highly carcinogenic compound.

The presence of an aldehyde dehydrogenase inhibitor in animal diets and its effects on the experimental results in alcohol studies.

Studies on 2,3,7,8-tetrachlorodibenzo-p-dioxin induced immune suppression and decreased resistance to infection: endotoxin hypersensitivity, serum zinc concentrations and effect of thymosin treatment.

Nonsecreting myeloma variants with heavy-chain carbohydrate deficiencies.

Stimulation of bilirubin catabolism in jaundiced Gunn rats by an induced of microsomal mixed-function monooxygenases.

Metabolic studies with TCDD (dioxin) treated rats.

Cytotoxic effects of maleic hydrazide.

[Effects of clinically used drugs on pituitary hormone secretion].

Pinocytosis in the rat visceral yolk sac. Effects of temperature, metabolic inhibitors and some other modifiers.

Quantitative and qualitative changes in the metabolism of benzo(a)pyrene in rat tissues after intragastric administration of TCDD.

Effect of prolonged anaerobiosis on ¹²⁵I-insulin binding to rat soleus muscle: permissive effect of ATP.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on lipid profiles in tissue of the Fischer rat.

Overview of potential mutagenic problems posed by some pesticides and their trace impurities.

Effect of polychlorinated biphenyls on drug metabolism in Japanese quail and its progeny.

Effect of acute and chronic Cd exposure on lindane metabolism.

The interaction of caerulein with the rat pancreas. 2. Specific binding of [³H]caerulein on dispersed acinar cells.

Isolation and partial sequence of the cyanogen bromide peptides from calf thymus non-histone chromosomal protein HMG 1.

Adriamycin and daunomycin generate reactive oxygen compounds in erythrocytes.

Functional differences of ouabain and ethacrynic acid on renal potassium metabolism in dogs.

Selective modification of the renal and the hepatic toxicities of chloroform by induction of drug-metabolizing enzyme systems in kidney and liver.

[Investigation of adenosinetriphosphatase activity of rat liver and thymus cell nuclei].

Interrelationship between chloride fluxes in pancreatic islets and insulin release.

A study of the mechanism of transport of delta9-tetrahydrocannabinol in the rat submaxillary gland in vitro.

Effect of metabolic inhibitors on phenylalanine influx in cerebral cortex slices from mature and immature rats.

Effect of trichlorophenols on xenobiotic metabolism in the rat.

Purine metabolism and differential inhibition of spore germination in *Phytophthora infestans*.

Properties of the calcium-extruding mechanism of liver cells.

Ca²⁺-stimulated phosphorylation of muscle glycogen synthase by phosphorylase b kinase.

Oxidative metabolism of isolated foetal and neonatal rabbit brown adipose tissue. II. Effect of 2,4-dinitrophenol [proceedings].

The role of acetaldehyde in mediating the deleterious effect of ethanol on pyridoxal 5'-phosphate metabolism.

Metabolism of 2,4-dichlorophenoxyacetic Acid in soybean root callus and differentiated soybean root cultures as a function of concentration and tissue age.

Functional distinction between two transport mechanisms in rabbit gall-bladder epithelium by use of ouabain, ethacrynic acid and metabolic inhibitors.

Responses of the D-glucuronic acid pathway in rat tissues to treatment with tetrachlorodibenzodioxin.

Effects of phospholipase A and triton x-100 on guanylate cyclase activity in mammary gland homogenates from mice.

An improved assay of 7-ethoxycoumarin O-deethylase activity: induction of hepatic enzyme activity in C57BL/6J and DBA/2J mice by phenobarbital, 3-methylcholanthrene and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The chemotherapy of rodent malaria, XXXI. The effect of some metabolic inhibitors upon chloroquine-induced pigment clumping (CIPC) in Plasmodium berghei.

Enhanced pesticide metabolism, a previously unreported effect of dietary fibre in mammals.

Separation and maturation of gonadotrophs from 2A8 clonal cells in vitro.

An energy requirement for the degradation of intravenously injected ¹²⁵I-labeled albumin in mouse liver and kidney slices.

Enhancement of nitro reduction in rat liver microsomes by haemin and haemoproteins.

Selective inhibition of pyruvate and lactate metabolism in bovine epididymal spermatozoa by dinitrophenol and alpha-cyano-3-hydroxycinnamate.

Calcium-dependent inhibition by prostaglandin E1 of spontaneous acetylcholine release from frog motor nerve.

[52-Homoserine]-basic pancreatic trypsin inhibitor. Preparation and properties of a protein analog.

Superoxide production by digitonin-stimulated guinea pig granulocytes. The effects of N-ethyl maleimide, divalent cations; and glycolytic and mitochondrial inhibitors on the activation of the superoxide generating system.

Alterations in spontaneous activity of the isolated frog spinal cord in Calcium-free environment.

Organ specific induction of drug metabolizing enzymes by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat.

Role of neurotransmitters, prostaglandins and glucose on precursor incorporation into the RNA of thyroid slices.

[Taurine transport in the heart].

Differences in metabolism of vinylidene chloride between mice and rats.

Renal tubular transport of saccharin.

Metabolism of tetrachlorophenols in the rat.

Potentialiation of toluene toxicity by hepatic enzyme inhibition in mice.

Molecular weights of the Thy-1 glycoproteins from rat thymus and brain in the presence and absence of deoxycholate.

Iodothyronine metabolism in rat liver homogenates.

Effect of Ca^{2+} , Mg^{2+} , NaN_3 , cholinergic agents, and gastrointestinal hormones on the guanylate cyclase from guinea pig gastric mucosa.

The primary structure of bovine pancreatic phospholipase A₂.

Bioassay of picloram for possible carcinogenicity.

Bioassay of nitrofen for possible carcinogenicity.

Bioassay of sulfallate for possible carcinogenicity (CAS No. 95-06-7).

Active transport of thiamine by freshly isolated rat hepatocytes.

Tests for cataglykin activity on a cyanogen bromide fragment of human growth hormone.

Induction of drug metabolizing enzymes in different rat tissues by TCDD.

The type 1 alveolar lining cells of the mammalian lung. II. In vitro identification via the cell surface and ultrastructure of isolated cells from adult rabbit lung.

Bioenergetic aspects of aerobic glucose metabolism of *Escherichia coli* K-12 under varying specific growth rates and glucose concentrations.

An immunological approach to the study of protein conformational heterogeneity: its application to growth hormone.

The in vitro metabolism of lindane by an enzyme preparation from chicken liver.

Adrenal abnormalities in paraquat poisoning: an indication for corticosteroid therapy?

Pulmonary reactions to drugs.

Effect of pretreatment with antiinflammatory agents on paraquat toxicity in the rat.

Chloracne from manufacture of a new herbicide.

[Severe accidental acrolein intoxication in the home (author's transl)].

Environmental agents altering lung biochemistry.

[Residue formation of herbicides and its food-hygienic toxicological significance. I. General, mechanism of action, toxicology and metabolism].

The radioimmunological measurement of thyroglobulin secretion in vitro under the influence of some herbicides.

Effects of pentachlorophenol on hepatic drug-metabolizing enzymes and porphyria related to contamination with chlorinated dibenzo-p-dioxins and dibenzofurans.

Residues of atrazine and its metabolites in an orchard soil and their uptake by oat plants.

Metabolism of 2,4-dichlorophenoxyacetic acid by wheat cell suspension cultures.

The mutagenicity of MCPA and its soil metabolites, chlorinated phenols, catechols and some widely used slimicides in Finland.

Repression of asexual embryogenesis in vitro by some plant growth regulators.

Relationship between 2,4,5-trichlorophenoxyacetate and the renal organic base transport system.

Studies on the uptake, metabolism, and disposition of pentachlorophenol and pentachloroanisole in rainbow trout.

Distribution, movement, persistence, and metabolism of N-nitrosoatrazine in soils and a model aquatic ecosystem.

Absorption, excretion, and metabolism of nitrofen by a sheep.

Uptake and metabolism of dimethylamine salt of 2,4-dichlorophenoxyacetic acid by fish.

Induction of hepatic microsomal enzymes by diuron, phenobenzuron, and metabolites in rats.

The pharmacokinetics and metabolism of pentachlorophenol in rats.

Electron capture gas chromatographic analysis of the amine metabolites of pesticides: derivatization of anilines.

Studies on a soluble thyroid iodotyrosine deiodinase: activation by NADPH and electron carriers.

Metabolism of 2,4-dichlorophenoxyacetic acid. 11. Herbicidal properties of amino acid conjugates.

Persistence and metabolism of oxadiazon in soils.

Metabolism of atrazine by *Spartina alterniflora*. 1. Chloroform-soluble metabolites.

Thyroid peroxidase of the pig, dog, rat, and mouse. Solubilization and identification of isozymes by isoelectric focusing.

Determination of residues of karbutilate and its major metabolites in water, soil, and grass by high-pressure liquid chromatography.

Metabolism and degradation of glyphosphate in soil and water.

Metabolism of insecticides and herbicides in higher plants.

Effects of pyrazole and 3-amino-1,2,4-triazole on the metabolism and toxicity of dimethylnitrosamine in the rat.

Metabolic fate of the N,N-dialkylcarbamoyl moiety of thiocarbamate herbicides in rats and corn.

Gas chromatographic determination of sencor and metabolites in crops and soil.

Determination of terbacil and metabolite residues using microcoulometric gas chromatography.

[Mechanism of metabolic and ionic germination of "Bacillus licheniformis" spores treated with hydrogen peroxide (author's transl)].

[Application of radioisotopes to studies of pesticide metabolism (authors' transl)].

Metabolism of pentachlorophenol by a soil microbe.

In vitro inhibition of catalase by 4-hydroxypyrazole, a metabolite of pyrazole.

Metabolism of synthetic organic pesticides by anaerobic microorganisms.

Mutagenicity and chromosomal aberrations as an analytical tool for in vitro detection of mammalian enzyme-mediated formation of reactive metabolites.

1,1-Dichloroethylene hepatotoxicity: proposed mechanism of action and distribution and binding of ¹⁴C radioactivity following inhalation exposure in rats.

The role of phosphate in the action of vitamin D on the intestine.

Impairment of thymus-dependent immune functions by exposure of the developing immune system to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Prostaglandin E2 production by renal inner medullary tissue slices: effect of metabolic inhibitors.

Renal energy metabolism and sodium reabsorption after 2,4-dinitrophenol administration.

Spectral and metabolic characteristics of mitochondrial fractions from rotenone-induced tumours.

Enhanced thyroxine metabolism and high uptake goiters in rats after a single dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Some additional facts about thymus (author's transl)].

A reassessment of decreased amino acid accumulation by Ehrlich ascites tumor cells in the presence of metabolic inhibitors.

Accelerated degradation of acetylcholine receptor from cultured rat myotubes with myasthenia gravis sera and globulins.

[Dissociation of the ino- and chronotropic response of isolated rat heart to noradrenaline in the presence of oxygen deficit, exposure to cyanide and 2,4-dinitrophenol].

Factors involved in heavy metal poisoning.

Mechanism of uptake of nitrosoureas by L5178Y lymphoblasts in vitro.

Comparative enzyme induction and lindane metabolism in rats pre-treated with various organochlorine pesticides.

Gap junctions. Structural changes after uncoupling procedures.

Effector cell stimulation-inhibition of in vitro lymphoma cell DNA synthesis and correlation with in vivo antitumor response.

[RNA biosynthesis in the ascitic cells of Ehrlich's carcinoma and Zajdela's hepatoma under conditions of blocked oxidative phosphorylation].

Metabolic energy requirements during teleost melanophore adaptations.

Effects of sodium azide on platelet function.

Expression in *Escherichia coli* of a chemically synthesized gene for the hormone somatostatin.

The distribution of methionine-enkephalin and leucine-enkephalin in the brain and peripheral tissues.

Inhibitory action of a non-metabolizable fatty acid on the growth of *Escherichia coli*: role of metabolism and outer membrane integrity.

Bioproduction of rubratoxin in a glucose-mineral salts broth with nutritional supplements and metabolic inhibitors.

The inhibitory effect of papaverine on respiration-dependent contracture of guinea pig taenia coli in high-K medium. I. The relationship between contracture and respiration.

Mitochondria from human term placenta. III. The role of respiration and energy generation in progesterone biosynthesis.

Energy utilization in the uptake of catecholamines by synaptic vesicles and adrenal chromaffin granules.

[Hormonal regulation of the electrical properties of the cell membrane].

Mutagenic activity of major mammalian metabolites of cyclophosphamide toward several genes of *Escherichia coli*.

The influence of some metabolic inhibitors on in vitro phagocytizing macrophages. I. The behaviour of human macrophages.

Polarity of Production of Polyphenols and Development of Various Enzyme Activities in Cut-injured Sweet Potato Root Tissue.

Metabolic changes associated with gastric stimulation.

Hormone receptors: VI. On the nature of the binding of glucagon and insulin to human circulating mononuclear leukocytes.

The inhibition of histamine release from rat peritoneal mast cells by non-steroid anti-inflammatory drugs and its reversal by calcium.

Does diaminobenzidine demonstrate prostaglandin synthetase? A study on polyunsaturated fatty acid-induced DAB oxidation in sheep vesicular glands and rabbit kidney medulla.

Alterations in nicotinamide and adenine nucleotide systems during mixed-function oxidation of p-nitroanisole in perfused livers from normal and phenobarbital-treated rats.

Use of ethyl ethers, deuteriomethyl ethers and cyclic n-butylboronates of hydroxychlorobiphenyls in identification of metabolites of polychlorinated biphenyls.

Intestinal absorption of sugars and amino acids in the earthworm.

Energy metabolism and T-cell-mediated cytotoxicity. I. Synergism between inhibitors of respiration and glycolysis.

Glucose metabolism in *Acetobacter acetii*.

Quantitative Effects of 2,4-Dichlorophenoxyacetic Acid on Growth of Suspension-cultured *Acer pseudoplatanus* Cells: II. Influence of 2,4-D Metabolism and Intracellular pH on the Control of Cell Division by Intracellular 2,4-D Concentration.

Mutagenic effectiveness and efficiency of sodium azide versus ethyl methanesulfonate in maize: induction of somatic mutations at the *yg2* locus by treatment of seeds differing in metabolic state and cell population.

Nitric oxide activates guanylate cyclase and increases guanosine 3':5'-cyclic monophosphate levels in various tissue preparations.

In vitro measurement of rate of fluid secretion in rat isolated seminiferous tubules: effects of metabolic inhibitors and ions.

Disturbance of microsomal detoxication mechanisms in liver by chlorophenol pesticides.

Regulation of cardiac output during 2,4-dinitrophenol-induced tissue hypermetabolism in the dog.

Effects of temperature, metabolic and cytoskeletal inhibitors on the rate of BHK cell adhesion to polystyrene.

Role of tissue hypermetabolism in stimulation of ventilation by dinitrophenol.

Factors which influence blood platelet migration.

A comparative study of the effects of methyl iodide and cobalt chloride on the lipid metabolism in rabbits--with special reference to the content alteration of coenzyme A, carnitine and their derivatives in rabbit liver.

Specific casein phosphorylation by a casein kinase from lactating bovine mammary gland.

Inhibition of prostaglandin synthesis in mouse 3T3 fibroblasts and human platelets by substituted phenols.

Relation of membrane vesicles to volume and Na⁺ transport in smooth muscle: effect of metabolic and transport inhibition on fresh tissues.

Effect of dichlorvos (DDVP) on mouse liver glutathione levels and lack of potentiation by methyl iodide and TOTP.

[Calorigenic effect of catecholamines in dinitrophenol poisoning].

Role of liver cytosolic aldehyde dehydrogenase isozymes in control of blood acetaldehyde concentrations.

Noxious effects upon cochlear metabolism.

Stimulation of neutral amino acid transport by fructose in epithelial cells isolated from rat intestine.

Actions of insulin in fat cells. Effects of low temperature, uncouplers of oxidative phosphorylation, and respiratory inhibitors.

The influence of 3,4-dihydroxyphenylacetic acid on the accumulation of 5-hydroxyindoleacetic acid in the choroid plexus and kidney cortex slices of rats.

Formation of a steroidal allyl alcohol in the mammary glands of mice.

Hydrogen peroxide lowers ATP levels in platelets without altering adenylate energy charge and platelet function.

Metabolism of Oat Leaves during Senescence: V. Senescence in Light.

Factors affecting the distribution of chloride ions in rat renal outer medulla.

The effects of inhibitors of energy metabolism on the growth of one-cell rabbit ova to blastocysts in vitro.

The effect of aeration and metabolic inhibitors on resistance to amphotericin in starved cultures of *Candida albicans*.

Active transport of iodide in isolated porcine thyroid cells. Application to an in vitro bioassay of thyrotropin.

Reinvestigation of the primary structures of red deer and roe deer pancreatic ribonuclease and proline sites in mammalian ribonucleases.

Metabolic energy dependence of glucose, water and sodium absorption in the presence and absence of 'downhill' sodium gradients across isolated rat small intestine.

The effect of insulin on the transport of sodium and potassium in rat soleus muscle.

2,4,5-trichlorophenol, a new urinary metabolite of hexachlorobenzene.

The role of metabolic energy in the lethal action of basic proteins on *Candida albicans*.

Iron uptake by immature erythroid cells. Mechanism of dependence on metabolic energy.

Pleiotropic mutants of *Aspergillus nidulans* altered in carbon metabolism.

Ribosome metabolism in hormone-treated Jerusalem artichoke tuber slices in the absence and presence of 5-fluorouracil.

Influence of carbohydrates on quantitative aspects of growth and embryo formation in wild carrot suspension cultures.

Opioid peptides (endorphins) in pituitary and brain.

Studies on the partial synthesis of protein analogs by direct coupling to terminal homoserine lactone derivatives. Experiments with basic pancreatic trypsin inhibitor.

Identification of drugs, drug metabolites, and other compounds in urine by permethylation and gas-phase analysis.

Conidiogenesis and secondary metabolism in *Penicillium urticae*.

Afterdischarge on postganglionic sympathetic nerves following repetitive stimulation of the preganglionic nerve to the rat superior cervical ganglion in vitro.

Further compounds from the pedal gland of the bontebok (*Damaliscus dorcas dorcas*).

Recent state of lindane metabolism.

Effect of various reagents on the susceptibility of target cells to the cytotoxicity of guinea pig lymphotoxin (GLT).

Extramitochondrial protein synthesis in calf brain synaptosomes.

Identification of glucuronide metabolites of benzomorphan narcotic analgesic drugs in bile from the isolated perfused rat liver by gas chromatography and mass spectrometry.

Tumorigenic effect of 3-amino-1H-1,2,4-triazole on rat thyroid.

Paraquat toxicity: proposed mechanism of action involving lipid peroxidation.

[Paraquat poisoning (author's transl)].

[Chloracne, porphyria cutanea tarda, and other poisonings due to the herbicides].

Letter: Paraquat poisoning.

[Chloroderivatives of phenoxyacetic acid as antagonists of thyroid hormones].

Paraquat revisited.

Interaction of paraquat with the pulmonary microsomal fatty acid desaturase system.

Poisoning by paraquat (with reference to R v Roberts & Kenyon).

Significance of metabolic patterns in teratogenic testing for food safety.

Metabolism of [1-(14)C] and [2-(14)C] leucine in cultured skin fibroblasts from patients with isovaleric acidemia. Characterization of metabolic defects.

Metabolism of atrazine by the chicken.

The use of deuterated analogs in qualitative and quantitative investigations of the metabolism of cyclophosphamide (NSC-26271).

Comparative pharmacologic study in vitro and in vivo with cyclophosphamide (NSC-26271), cyclophosphamide metabolites, and plain nitrogen mustard compounds.

Biologic activity of two derivatives and six possible metabolites of cyclophosphamide (NSC-26271).

Two stable Fenton oxidation products of cyclophosphamide (NSC-26271) as precursors of 4-hydroxycyclophosphamide (NSC-196562) under physiologic conditions.

Effects of selected herbicides and plant hormones on *Prototheca wickerhamii*.

[Intestinal elimination of uremic metabolites by the adsorbents].

Sequential histopathologic, hematologic, and blood chemistry changes induced in mice by a technical and a purified preparation of 2,4,5-trichlorophenoxyacetic acid.

Biochemical pathology of lung damage produced by chemicals.

Cellular metabolic control by chemical modification of cell membrane.

Degradation and metabolism of Drepamon in rice and barnyard grass.

Translocation and metabolic fate of monosodium methanearsonic acid in wheat (*Triticum aestivum* L).

Formation of mutagenic N-nitroso compounds from the pesticides prometryne, dodine and carbaryl in the presence of nitrite at pH 1.

Metabolism of 2,4-dichlorophenoxyacetic acid. 10. Identification of metabolites in rice root callus tissue cultures.

Metabolism of the herbicide methazole in lactating cows and laying hens.

Metabolism of 2,4-dichlorophenoxyacetic acid. IX. Gas-liquid chromatography of methyl esters of amino acid conjugates.

Residues of atrazine (2-chloro-4-ethylamino-6-isopropylamino-s-triazine) and its metabolites in chicken tissues.

Metabolism in human embryonic lung cell cultures of three phenylurea herbicides: chlorotoluron, fluometuron, and metobromuron.

Metabolism of a new herbicide, tebuthiuron (1-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-1,3-dimethylurea), in mouse, rat, rabbit, dog, duck, and fish.

Localization of platelet prostaglandin production in the platelet dense tubular system.

Metabolism of 2,4-dichlorophenoxyacetic acid. 8. Gas-liquid chromatography of trimethylsilyl derivatives of amino acid conjugates.

Evaluation of redox state of isolated perfused rat lung.

[The metabolic interactions between *Paramecium bursaria* Ehrbg. and *Chlorella spec.* in the *Paramecium bursaria*-symbiosis. I. The nitrogen and the carbon metabolism (author's transl)].

A study of inhalation of pentachlorophenol by rats. IV. Distribution and excretion of inhaled pentachlorophenol.

Purification and partial characterization of nonspecific lipase from rat pancreas.

Studies on the toxicology of hexachlorobenzene. II. Identification and determination of metabolites.

A simple system to simultaneously measure volatilization and metabolism of pesticides from soils.

Interaction of pesticide chemicals. Effect of Eptam and its antidote on the uptake and metabolism of (14C)phorate in corn plants.

[The effect of antimycotic drugs on porphyrin metabolism].

Variety of 2,4-D metabolic pathways in plants; its significance in developing analytical methods for herbicides residues.

Effect of crotonaldehyde on the metabolism of *Candida utilis* during the production of single cell protein from ethanol.

[Effect of 6-hydroxydopamine on mouse adrenal modulla with simultaneous inhibition of catalase with aminotriazole].

Some aspects of the mode of action and metabolism of orthonil in plants.

The metabolism of lindane and its metabolites gamma-2,3,4,5,6-pentachlorocyclohexene, pentachlorobenzene, and pentachlorophenol in rats and the pathways of lindane metabolism.

High uptake in the erythrocytes and the spleen of the quaternary dipyridylum salt paraquat injected intravenously in hypotonic solutions.

Immunologic response and factors affecting its assessment.

Thyroid hormone action on mitochondria. IV. Redox states of intrinsic pyridine nucleotides in hypothyroidism, and influence of L-thyroxine.

[Estrogen receptor in human endometrium--energy requirement, stability and subunit structure--(author's transl)].

Effect of hypothyroidism on responsiveness to beta-adrenergic stimulation.

Effects of anoxia and metabolic inhibitors on reaction of the fast sodium system.

Cell-free synthesis of a large translation product of prolactin messenger RNA.

Characterization of amyloid fibril proteins from medullary carcinoma of the thyroid.

Luft's disease. Further biochemical and ultrastructural studies of skeletal muscle in the second case.

[Influence of uncoupling agents on the capacity of transaminase in kidney and pancreas].

Hematologic abnormalities following gastric resection.

Value of urinary simple phenol and indican determinations in the diagnosis of the stagnant loop syndrome.

Toxicity of methyl bromide and other gaseous insecticides to *Triatoma infestans*.

Antidiuretic peptide in mammalian choroid plexus.

Appearance of magnesium guanylate cyclase activity in rat liver with sodium azide activation.

Calcium metabolism and amylase release in rat parotid acinar cells.

Effects of metabolic inhibitors and ouabain on static afferent discharges from the isolated frog muscle spindle.

Tissue factor in cultured cells: metabolic control.

Perinatal development of conjugative enzyme systems.

Ca²⁺ -uptake into noradrenaline-storing granules of bovine splenic nerves.

Ammonium uptake and metabolism by nitrogen fixing bacteria. II. *Klebsiella pneumoniae*.

Study of the intestinal tyrosine metabolism using stable isotopes and gas chromatography-mass spectrometry.

[Primary structure of cyanogen bromide fragments of sei whale (*Balaenoptera borealis*) pituitary somatotropin].

Pentose cycle activity of the isolated perfused rat lung.

Barium accumulation in rat pancreatic B cells.

[Effect of various metabolic poisons on the nature of contraction of the straight muscle of the abdomen of frog].

A quantitative description of the extension and retraction of surface protrusions in spreading 3T3 mouse fibroblasts.

Ca⁺⁺ fluxes in isolated cells of rat pancreas. effect of secretagogues and different Ca⁺⁺ concentrations.

Hepatic and extrahepatic metabolism of ¹⁴C-styrene oxide.

15-Azasteroid blockage of cell permeability and mitochondrial respiration.

¹²⁵I-labeled human epidermal growth factor. Binding, internalization, and degradation in human fibroblasts.

Replacement of a chlorine with a methylsulfonyl group in the metabolism of propachlor (2-chloro-N-isopropylacetanilide).

Saturation kinetics of sodium efflux across isolated frog skin.

Protein synthesis in salivary glands of *Drosophila hydei* after experimental gene induction.

Chemical reactivity of metallic copper in a model system containing biological metabolites.

Use of preformed cell aggregates and layers to measure tissue-specific differences in intercellular adhesion.

[Absorption, distribution, excretion and metabolism of a basic ether compound (R97) with antispasmodic activity].

Homocysteine thiolactone metabolism in malignant cells.

The effect of catecholamines on the influx of calcium and the development of tension in denervated mouse diaphragm muscle.

Stimulation of rat lung metabolism with 2,4-dinitrophenol and phenazine methosulfate.

Exocytosis in secretory cells of rat lacrimal gland. Peroxidase release from lobules and isolated cells upon cholinergic stimulation.

The respiratory metabolism of *Mycobacterium lepraemurium*.

Stereospecific, high affinity binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin by hepatic cytosol. Evidence that the binding species is receptor for induction of aryl hydrocarbon hydroxylase.

Characteristics of acetaldehyde oxidation in rat liver mitochondria.

[Effect of thyroxine and 2,4-dinitrophenol on cardiac energetics].

Vitamin K₂ absorption by rat everted small intestinal sacs.

Distribution of a lanthanide (¹⁴⁷Pm) in vascular smooth muscle.

Compartmentalization and movement of calcium in the thyroid.

Comparison of uptake and binding of disodium cromoglycate and phenol red in rat lung.

Metabolic requirements for interactions between nuclear and cytoplasmic membranes in the repair of damaged *Amoeba* nuclei.

Active sodium uptake by the skin of foetal sheep and pigs.

Percutaneous penetration and metabolism of topical (¹⁴C)flutamide in men.

Detection of immunologically active zones in equine growth hormone.

Phosphorylation of cardiac myofibrillar proteins.

Studies on phosphate transport in *Escherichia coli*. II. Effects of metabolic inhibitors and divalent cations.

Bovine pancreatic lipase. II. Stability and effect of activators and inhibitors.

[Increase of brain serotonin and its metabolite in rats caused by meclofenoxate].

A study of the mechanism of transport of diphenylhydantoin in the rat submaxillary gland in vitro.

The dependence of specific nuclear binding of glucocorticoids by rat thymus cells on cellular ATP levels.

Studies on the metabolism of isopropamide (NSC-109724) in man.

The problem of oncotoxic specificity of cyclophosphamide (NSC-26271): Studies on reactions that control the alkylating and cytotoxic activity.

The end products of the metabolism of aromatic amino acids by *Clostridia*.

The metabolism of higher chlorinated benzene isomers.

Metabolism of resorcinolic compounds by bacteria: orcinol pathway in *Pseudomonas putida*.

Cytochemical localization of endogenous peroxidase activity in renal medullary collecting tubules and papillary mucosa of the rat.

[Raffinose metabolism in *Gluconobacter oxydans*].

Aspects of intestinal folate transport in the rat.

The mutagenicity of chloroethylene oxide, chloroacetaldehyde, 2-chloroethanol and chloroacetic acid, conceivable metabolites of vinyl chloride.

Synthesis of some 1, 8- and 2, 8-disubstituted derivatives of adenosine cyclic 3', 5'-phosphate and their interaction with some enzymes of cAMP metabolism.

Transport of organic cations and anions by choroid plexus.

[Dinitroorthocresol dissociation of oxidative phosphorylation in the rat liver perfused in situ].

Afferent neural pathway in the regulation of cardiopulmonary responses to tissue hypermetabolism.

The influence of adenine nucleotides and oxidizable substrates on triethyltin-mediated chloride uptake by rat liver mitochondria in potassium chloride media.

Effect of Benzyladenine, 2,4-Dichlorophenoxyacetic Acid, and d-Glucose on myo-Inositol Metabolism in *Acer pseudoplatanus* L. Cells Grown in Suspension Culture.

Methods to assess reproductive effects of environmental chemicals: studies of cadmium and boron administered orally.

Modification of in vivo lacrimal gland secretion by 2,4-dinitrophenol.

Active transport of phenol red by rat lung slices.

Uptake and efflux of succinic acid by uninduced mycelium of *Claviceps purpurea*.

Purification, characterization, and partial amino acid sequence of nerve growth factor from cobra venom.

Valinomycin inhibition of the inward slow current of cardiac muscle.

Pancreatic metabolic rate measured in vivo with heat-accumulation technique.

Glutamate metabolism in rat kidney mitochondria.

Second antibody chemically linked to cellulose for the separation of bound and free hormone: an improvement over soluble second antibody in gonadotrophin radioimmunoassay.

Metabolism of nitrophenols by bacteria isolated from parathion-amended flooded soil.

The significance of ¹²⁵I as a tracer for lymphocytes, liver cells and erythrocytes after iodination by the lactoperoxidase-H₂O₂ technique.

Calcium-activated ATPase activity in a plasma membrane-rich preparation of rat pancreas.

Differential histamine release by dextran and the ionophore A23187: the actions of inhibitors.

The effects of antipyretics on metabolism processes in rat liver mitochondria. Part I. The action of sodium salicylate, and pyrazolones on the reaction of respiratory chain.

[Metabolism of 3-amino-1,2,4-triazole in rats].

Pulmonary interstitial fibrosis from paraquat in the hamster.

Lipid peroxidation: a possible mechanism for paraquat toxicity.

Metabolism of 2,4-dichlorophenoxyacetic acid. VII. Comparison of metabolites from five species of plant tissue cultures.

Reversible vacuolar changes in the rat pancreatic acinar cells induced by tebuthiuron.

Irritancy of cyclophosphamide-derived aldehydes (acrolein, chloracetaldehyde) and their effect on lymphocyte distribution in vivo: protective effect of thiols and bisulphite ions¹.

Cytotoxic aspects of the interaction of ascorbic acid with alloxan and 6-hydroxydopamine.

Metabolism of formate in the rat.

Metabolism of (4-¹⁴C)estradiol by 7,12-dimethylbenz(a) anthracene-induced mammary tumor peroxidase.

Pulmonary effects of paraquat in the first day after injection.

Effect of chronic alcohol consumption on ethanol and acetaldehyde metabolism.

Sulphate uptake and metabolism in the chrysoomonad, *monochrysis lutheri*.

[An investigation of the ascorbic acid contents of endocrine glands of albino rats in the action of silvinit and technical potassium chloride].

Metabolic fate of perfludone herbicide in a lactating cow.

Metabolic studies with dinitramine.

Propanil (3,4-dichloropropionanilide)-induced methemoglobin formation in relation to its metabolism in vitro.

Residues of chlorophenoxy acid herbicides and their phenolic metabolites in tissues of sheep and cattle.

Metabolism of 2-chloro-4-cyclopropylamino-6-isopropylamino-s-triazine (cyprazine) in the rat.

Metabolism of dichlobenil by microorganisms in the aquatic environment.

Analysis for herbicides and metabolites.

The effect of the herbicide 2,4,5 trichlorophenoxy acetic acid (245T) on the growth and metabolism of *Tetrahymena pyriformis*.

Metabolism of siduron in kentucky bluegrass (*Poa pratensis* L.).

Mechanism of in vivo carbon tetrachloride-induced liver microsomal cytochrome P-450 destruction.

Herbicide metabolism by glutathione conjugation in plants.

[Hydrogenase activity in *Thiocapsa roseopersicina* according to the D₂--H₂O metabolic reaction].

Gas-liquid chromatographic determination of sencor (metribuzin) and its major metabolites and photoproduct.

Oxygen and phosphate metabolism of bluegill liver mitochondria in the presence of some pesticides.

Localization and metabolites of aminotriazines and chlorophenoxyacetic acid in cucumber (*Cucumis sativus*, L.).

Degradation and metabolism of fluchloralin in soil.

The metabolism of Diquat in hens and residues in eggs and tissues.

Metabolic fates of herbicides in animals.

The role of hydrogen peroxide production and catalase in hepatic ethanol metabolism.

[Identification of metabolites and metabolism of hexachlorobenzene in a mold culture].

Increased susceptibility to bacterial infection as a sequela of exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Ionophore A-23187 induced histamine release from rat mast cells and rat basophil leukemia (RBL-1) cells.

Experimental mitochondrial myopathy produced by in vivo uncoupling of oxidative phosphorylation.

Anti-insulin serum coupled to Sepharose 4B as a tool for the investigation of insulin biosynthesis in the B-cells of obese hyperglycemic mice.

Tissue distribution, excretion and biological effects of [¹⁴C]tetrachlorodibenzo-p-dioxin in rats.

Reduced beta-adrenergic responsiveness in hypothyroid rats.

The effect of fatty acids and ketone bodies on the biosynthesis of insulin in isolated pancreatic islets of obese hyperglycemic mice.

A comparative study of inner membrane enzymes and transport systems in mitochondria from R3230AC mammary tumor and normal rat mammary gland.

Energy requirements for the uptake of L-leucine by *Saccharomyces cerevisiae*.

Basement membranes: structural and biosynthetic considerations.

Hepatic mitochondrial function in ketogenic states. Diabetes, starvation, and after growth hormone administration.

[Peroxidase activity of neutrophil granules in two cases of congenital myeloperoxidase deficiency].

Decreased 6-mercaptopurine retention by two resistant variants of mouse neuroblastoma with normal hypoxanthine-guanine-phospho-ribosyltransferase activities.

Chemical modulation of diphtheria toxin action on cultured mammalian cells.

A model of age-dependent tissue calcification based on 2,4-Dinitrophenol induced deposition of calcium in earcartilage.

Ethanol metabolism and liver oxidative capacity in cold acclimation.

Studies on choline permeation through the plasma membrane and its incorporation into phosphatidyl choline of Ehrlich-Lettrã©-ascites tumor cells in vitro.

Studies of the regulation of purine nucleotide catabolism.

Cardiac metabolism and electromechanics of human heart.

Dehydrogenase activity of liver parenchyma in mice exposed to arsenic in drinking water.

A further investigation into the energy dependence of angiotensin II-induced contractions of isolated smooth muscle preparations.

Rate-limiting steps in ethanol metabolism and approaches to changing these rates biochemically.

A new inhibitor of coupled oxidative phosphorylation, 5-hydroxynaphthalenedicarboxylic anhydride, a derivative of a carcinogenic polynuclear hydrocarbon.

A correlative study of the experimental cardiac dynamics and myocardial energy metabolism.

The biological fate in rats of vinyl chloride in relation to its oncogenicity.

Metabolism of phenol and cresols by *Bacillus stearothermophilus*.

The involvement of receptro sulphhydryl groups in the binding of steroids to the cytoplasmic glucocorticoid receptor from rat thymus.

Chromatographic methods for the analysis of hexachlorobenzene and possible metabolites in monkey fecal samples.

Microperoxisomes in retinal pigment epithelium.

Metabolic inhibition and adrenoceptor interconversion.

Patulin biosynthesis: the metabolism of m-hydroxybenzyl alcohol and m-hydroxybenzaldehyde by particulate preparations from *Penicillium patulum*.

Human pituitary growth hormone: a biologically active hendekakaihekaton peptide fragment corresponding to amino-acid residues 15-125 in the hormone molecule.

Significant pathways of hepatic ethanol metabolism.

The effect of 2, 4-dinitrophenol on the growth of *Bordetella pertussis* in chick tracheal organ culture.

Oxygen and cyclic nucleotides in human umbilical artery.

The disturbance of oxidative phosphorylation by N-acetoxy-N-acetyl-2-aminofluorene, a model ultimate carcinogen.

Respiratory effects of H⁺ and dinitrophenol injections into the brain stem subarachnoid space of fetal lambs.

Hepatic microsomal alcohol-oxidizing system. Affinity for methanol, ethanol, propanol, and butanol.

Some features of hydrogen (ion) secretion by the frog skin.

Hydroperoxide-metabolizing systems in rat liver.

Amino acid sequence of a presynaptic neurotoxin from the venom of *Notechis scutatus scutatus* (Australian tiger snake).

Mutagenesis of certain activated carcinogens in vitro associated with genetically mediated increases in monooxygenase activity and cytochrome P 1-450.

Effect of metabolic inhibitors on bone lipid synthesis from radioactive bases.

Guinea pig proinsulin. Primary structure of the C-peptide isolated from pancreas.

Immunochemical demonstration of increased accumulation of ornithine carboxylase in rat liver after partial hepatectomy and growth hormone induction.

Thromboxanes: a new group of biologically active compounds derived from prostaglandin endoperoxides.

The amino acid sequence of human chorionic gonadotropin. The alpha subunit and beta subunit.

Growth hormone covalently bound to sepharose or glass. Analysis of ligand release rates and characterization of soluble radiolabeled products.

Antibody-dependent cell-mediated cytotoxicity in humans. II. Energy requirement.

Bovine adrenal medullary chromogranin A: studies on the structure and further evidence for identity with dopamine-beta-hydroxylase subunit.

Leucine transport in *Escherichia coli*. The resolution of multiple transport systems and their coupling to metabolic energy.

Mitochondria and polarity in the egg of *Smittia spec.* (Diptera, Chironomidae): UV irradiation, respiration measurements, ATP determination and application of inhibitors.

Interactions of microtubule disorganizers, plant hormones, and red light in wheat coleoptile segment growth.

[Catecholamine content and electrolyte balance of the rabbit myocardium during poisoning with 2,4-dinitrophenol].

Effect of anaerobiosis, dinitrophenol and fluoride on the active intestinal transport of galactose in snail.

Reversible inactivation of pancreatic deoxyribonuclease A by sodium dodecyl sulfate. Removal of COOH-terminal residues from the denatured protein by carboxypeptidase A.

Metabolism of resorcinolic compounds by bacteria. Purification and properties of orcinol hydroxylase from *Pseudomonas putida* 01.

Xenon accumulation in the red blood cell. A process latered by suppressors of the membrane active transport function.

The methionine-containing subfraction of F1 histone from rat tissues.

Acetylcholine receptor turnover in membranes of developing muscle fibers.

Energy dependence of urinary bicarbonate secretion in turtle bladder.

Lymphocyte subpopulations. Human red blood cell rosettes.

Regulation of phospholipid metabolism in differentiating cells from rat brain cerebral hemispheres in culture. I. Uptake and phosphorylation of [U-14C]ethanolamine and the effect of various inhibitors.

Studies on the common active site of growth hormone. Revision of the amino acid sequence of an active fragment of bovine growth hormone.

Mitochondria from human term placenta. II. Characterization of respiratory pathways and coupling mechanisms.

Human, rat and mouse liver-mediated mutagenicity of vinyl chloride in *S. typhimurium* strains.

Studies on the biosynthesis of isocoumarins in carrot root tissues : induction by substances other than ethylene and effects of metabolic inhibitors.

Effects of chronic ethanol treatment and thyroxine administration on ethanol metabolism and liver oxidative capacity.

Induction and suppression of hepatic and extrahepatic microsomal foreign-compound-metabolizing enzyme systems by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Nucleotide metabolism in *Drosophila melanogaster* salivary glands during temperature and dinitrophenol-induced puffing.

Adenosine triphosphate dependent calcium uptake by subcellular fractions from bovine neurohypophyses.

Hormonal influences in the development of the hypermetabolic state of the liver produced by chronic administration of ethanol.

Haemoglobin G Norfolk: alpha 85 (F6) Asp leads to Asn.

The relationship between the transport of glucose and cations across cell membranes in isolated tissues. IX. The role of cellular calcium in the activation of the glucose transport system in rat soleus muscle.

Analysis of the diazinon metabolites G 27550 and GS 31144 by gas-liquid chromatography with nitrogen-specific detection after derivatization.

Microbodies and an anomalous "microcylinder" in the ultrastructure of plants with Crassulacean acid metabolism.

[Endogenous variations of productivity in *Scenedesmus acutus* and their relation to the nucleic acid metabolism].

Effects of magnesium ion and temperature on the phasic and tonic contractions of the potassium contracture in the pregnant rat myometrium.

Metabolism of terbacil in orange seedlings.

The influence of metabolic inhibitors upon the transmembrane slow inward current in the mammalian ventricular myocardium.

[Accumulation of p-aminohippuric acid and cyclopentiazide in renal cortex slices from rats of various ages and their dependence on the energy supply].

Technique for the identification of a biosynthetic precursor to parathyroid hormone.

Influence of chlorazine and thiopental on the accumulation of iodine-131 in the thyroid gland of white rats.

Cholesterol metabolism by *Mycobacterium*.

In vitro binding of L-triiodothyronine to receptors in rat liver nuclei. Kinetics of binding, extraction properties, and lack of requirement for cytosol proteins.

Urinary metabolites from gamma- and beta-BHC in the mouse: chlorophenol conjugates.

Biodegradation of alpha-hexachlorocyclohexane. V. Characterization of the major urinary metabolites.

[Pulmonary edema due to inhalation of gas and vapors].

[Paraquat intoxication and isolated aplastic anaemia (author's transl)].

Oral toxicity of tebuthiuron (1-(5-tert-butyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea) in experimental animals.

[Electron and light microscopic findings in human paraquat poisoning (author's transl)].

Superoxide- and singlet oxygen-catalyzed lipid peroxidation as a possible mechanism for paraquat (methyl viologen) toxicity.

[Acne chlorina, porphyria cutanea tarda and other manifestations of general poisoning during the manufacture of herbicides. II].

[Massive paraquat poisoning, fatal within 24 hours. Toxicologic and anatomo-clinical data].

Fetal uptake and embryogenetic effects of aminotriazole in mice.

[Modification of porphyrin-metabolism through environmental factors].

[Some general biological aspects of tumor formation. II. The role of flavin compounds].

Biochemical effects of diquat and paraquat. Disturbance of the control of corticosteroid synthesis in rat adrenal and subsequent effects on the control of liver glycogen utilization.

Effects of phenoxyacetic acids on rat liver tissues.

A simple, small scale cytotoxicity test, and its uses in drug metabolism studies.

Metabolism of pentachlorophenol.

Effect of uncoupling agents and respiratory inhibitors on the growth of *Streptococcus agalactiae*.

Metabolism of methazole in wheat and onions.

Soil persistence and metabolism of N-sec-butyl-4-tert-butyl-2,6-dinitroaniline.

[Metabolism of dialkyldithiocarbamates. I. Determination of amines using a reaction with isocyanates followed by gas chromatographic identification of the urea derivatives formed (author's transl)].

Isolation and identification of propham (isopropyl carbanilate) metabolites from animal tissues and milk.

Absorption, translocation, and metabolism of metribuzin (BAY-94337) in sugarcane.

Metabolic transformations of disugran by rumen fluid of sheep maintained on dissimilar diets.

Metabolism of the herbicide pronamide in soil.

Dose-dependent sympathomimetic and cardioinhibitory effects of acrolein and formaldehyde in the anesthetized rat.

Glycol methacrylate embedding in enzyme histochemistry: application to arthropode tissue incubated for demonstration of unspecific esterase and succinic dehydrogenase activity.

Metabolism of 2,4-dichlorophenoxyacetic acid. VI. Biological properties of amino acid conjugates.

Ametryne metabolite in transpired-guttated water from sugarcane shoot.

Effects of N,N-diallyl-2,2-dichloroacetamide on ethyl N,N-di-n-propylthiocarbamate uptake and metabolism by corn seedlings.

Uptake and metabolism of dichlobenil by emerged aquatic plants.

Metabolism of the herbicide methazole (2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione) in rats.

[Metabolism of 4-(2,4,5-trichlorophenoxy)-butyric acid in rats (author's transl)].

[Metabolism of 2,4,5-T and 2,4-D in rats and mice (author's transl)].

[Effect of linuron and chlortoluron in short-term chronic experiment on young rats on the hexobarbital metabolism and activity of some liver enzymes].

Carcinogenic effect of 100, 250 and 500 rad X-rays on the rat thyroid gland.

Dinitrophenol and bioenergetics: an historical perspective.

Initial studies with a line of radioresistant rat tumor cells.

The effects of hypothyroidism and 2,4-dinitrophenol on growth hormone synthesis.

Action of cytochalasin D on cells of established lines. I. Early events.

Removing substances from blood by affinity chromatography. I. Removing bilirubin and other albumin-bound substances from plasma and blood with albumin-conjugated agarose beads.

The amino-acid sequence of the amino-terminal 37 residues of human parathyroid hormone.

Suppression of cellular immunity in rats and mice by maternal treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The effect of tonicity and metabolic inhibitors on respiration and ripening of avocado fruit slices.

Evidence for active Phloem loading in the minor veins of sugar beet.

A beta-MSH in the pituitary gland of the spotted dogfish (*Scyliorhinus canicula*): isolation and structure.

Uroporphyrin formation induced by chlorinated hydrocarbons (lindane, polychlorinated biphenyls, tetrachlorodibenzo-p-dioxin). Requirements for endogenous iron, protein synthesis and drug-metabolizing activity.

[Metabolic shifts in workers manufacturing elementary bromine and its compounds (bromine salts and methyl bromide)].

Reaction of human chorionic somatomammotropin and human pituitary growth hormone with tetranitromethane at 0 degrees C.

Transport of rubidium and sodium in pancreatic islets.

Development and reversibility of pancreatic acinar cell changes in the rat produced by tebuthiuron (1-(5-tert-butyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea).

Transport of taurine by normal human blood platelets.

Pseudomonas putida mutants defective in the metabolism of the products of meta fission of catechol and its methyl analogues.

The secretion of alkali metal ions by the perfused cat pancreas as influenced by the composition and osmolality of the external environment and by inhibitors of metabolism and Na⁺, K⁺-ATPase activity.

Bovine adrenal medullary dopamine-beta-hydroxylase: studies on the structure.

The Metabolism of Oat Leaves during Senescence: I. Respiration, Carbohydrate Metabolism, and the Action of Cytokinins.

Pre-parathyroid hormone: a direct translation product of parathyroid messenger RNA.

The search for the active core of pituitary growth hormone.

Metabolic and ionic requirements for the axoplasmic transport of dopamine beta-hydroxylase.

Control of membrane N^+ permeability in a hyperpolarizing photoreceptor: similar effect of light and metabolic inhibitors.

Activation of ethanol metabolism by 2,4-dinitrophenol in the isolated perfused rat liver.

Immunologic properties of Aalpha chain of human fibrinogen.

The reaction of cyanogen bromide with S-methylcysteine: fragmentation of the peptide 14-29 of bovine pancreatic ribonuclease A.

Studies on the disulfide bonds of glycoprotein hormones. Locations in the alpha chain based on partial reductions and formation of ^{14}C -labeled S-carboxymethyl derivatives.

Histone and casein kinases of lactating bovine mammary gland.

Characterization of cadmium uptake by plant tissue.

Histones of *Drosophila* embryos. Electrophoretic isolation and structural studies.

Photoaffinity labeling of peptide hormone binding sites.

Requirement for adenosine triphosphate for stimulation in vitro of ox growth-hormone release.

Perturbation of leukocyte metabolism by nonphagocytosable concanavalin A-coupled beads.

The accumulation of adenosine in rabbit intestinal muscle.

Uptake of nitrite by *Neurospora crassa*.

Nitrate transport system in *Neurospora crassa*.

Partial amino acid sequence of two new arginine-serine rich histones from male gonads of the sea urchin (*Parechinus angulosus*).

Chemical modification of lysine residues in ovine luteinizing hormone. Effect on biological activity.

Structure of the porcine vasoactive intestinal octacosapeptide. The amino-acid sequence. Use of kallikrein in its determination.

Regulation of hexose phosphate metabolism in *Acetobacter xylinum*.

Fluxes of a nonelectrolyte and compartmentation in cells of carrot root tissue.

[Effect of noradrenaline and 2,4-dinitrophenol on the energetics of muscle contraction].

Chemical studies of histone acetylation. Substrate specificity of a histone deacetylase from calf thymus nuclei.

Comparison of the primary structure of whale pancreatic ribonuclease with ribonuclease A.

Table 2A-8 – Titles of Pubmed Records Related to Musculoskeletal Adverse Events Following Herbicide Exposure

ARTHROPATH; *BURSITIS*; *CARPAL TUNNEL SYNDROME*; *CONNECTIVE TISSUE DISORDERS*; *FIBRODYSPLASIA*; *FIBROMYALGIA*; *FRACTURE*; *GOUT*; *LUPUS ERYTHEMATOSUS*;
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MUSCLE; *MUSCULAR DYSTROPHY*; *MYASTHENIA*; *MYOSITIS*; *OSTEO*; *PAGET*; *PERTHES*; *RHABDOMYOLYSIS*; *RHEUMAT*; *ROTATOR CUFF*; *SCLEROSIS*; *SHOULDER*; *SJOGREN*; *SKELET*; *SPONDYL*; *SYNOVI*; *TENDON*; *TISSUE*; *WEAKNESS* (9907)

Integrated analysis of ceRNA-miRNA changes in paraquat-induced pulmonary epithelial-mesenchymal transition via high-throughput sequencing.

Adverse effects of 2,4-D dimethylammonium based-herbicide on Acetylcholinesterase expression in Nile tilapia (*Oreochromis niloticus*).

Biological-based techniques for real-time water-quality studies: Assessment of non-invasive (swimming consistency and respiration) and toxicity (antioxidants) biomarkers of zebrafish.

Prometryn exposure disrupts the intestinal health of *Eriocheir sinensis*: Physiological responses and underlying mechanism.

Mitochondrial reactive oxygen species initiate gasdermin D-mediated pyroptosis and contribute to paraquat-induced nephrotoxicity.

Association between urinary glyphosate levels and hand grip strength in a representative sample of US adults: NHANES 2013-2014.

Transcriptomic and behavioral analyses reveal unique target tissues and molecular pathways associated with embryonic exposure to low level glyphosate and metal mixtures in zebrafish.

Exposure to pentachlorophenol destructs the symbiotic relationship between zooxanthellae and host and induces pathema in coral *Porites lutea*.

Agent Orange Herbicidal Toxin-Initiation of Alzheimer-Type Neurodegeneration.

Biochemical and physiological alterations caused by Diuron and Triclosan in mussels (*Mytilus galloprovincialis*).

Analysis of abnormal expression of signaling pathways in PQ-induced acute lung injury in SD rats based on RNA-seq technology.

Long term integrated biomarker responses in freshwater African catfish *Clarias gariepinus* exposed to a new brand of herbicide fluzifop-p-butyl.

Cinnamaldehyde attenuates TNF- α induced skeletal muscle loss in C2C12 myotubes via regulation of protein synthesis, proteolysis, oxidative stress and inflammation.

Exposure to pesticides during pregnancy and the risk of neural tube defects: A systematic review.

An Updated Evaluation of Atrazine-Cancer Incidence Associations among Pesticide Applicators in the Agricultural Health Study Cohort.

Elucidating the mechanisms underlying astrocyte-microglia crosstalk in hippocampal neuroinflammation induced by acute diquat exposure.

Amphibian-derived peptide RL-RF10 ameliorates paraquat-induced pulmonary fibrosis injury.

Prevalence, spatial structure and evolution of resistance to acetolactate-synthase (ALS) inhibitors and 2,4-D in the major weed *Papaver rhoeas* (L.) assessed using a massive, country-wide sampling.

Trp-574-Leu mutation and metabolic resistance by cytochrome P450 gene conferred high resistance to ALS-inhibiting herbicides in *Descurainia sophia*.

ATR induces hepatic lipid metabolism disorder in rats by activating IRE1 \pm /XBP1 signaling pathway.

Mitochondrial DNA is a key driver in cigarette smoke extract-induced IL-6 expression.

Pyroxasulfone Metabolism in Resistant *Lolium rigidum*: Is It All Down to GST Activity?

Non-cytochrome P450 enzyme aldehyde oxidase is involved in the oxidative metabolic pathway of diquat and its detoxification effect.

Robust and bioaffinity-enhanced nanocarrier based immunochromatographic assay with simplified sample preparation for pentachlorophenol sodium in animal tissues.

Disturbed nutrient accumulation and cell wall metabolism in panicles are responsible for rice straighthead disease.

Phytotoxic fungal secondary metabolites as herbicides.

The aryl hydrocarbon receptor in β^2 -cells mediates the effects of TCDD on glucose homeostasis in mice.

Efficacy and safety of six new antiseizure medications for adjunctive treatment of focal epilepsy and epileptic syndrome: A systematic review and network meta-analysis.

Upregulated LncRNA-Meg3 modulates the proliferation and survival of MEPM cells via interacting with Smad signaling in TCDD-induced cleft palate.

Congenital diaphragmatic hernia: phosphodiesterase-5 and Arginase inhibitors prevent pulmonary vascular hypoplasia in rat lungs.

Conjugating uncoupler compounds with hydrophobic hydrocarbon chains to achieve adipose tissue selective drug accumulation.

Regulation of stress granule formation in human oligodendrocytes.

Enrichment and distribution of 3,6-dichlorocarbazole in red crucian carp (*Carassius auratus*) and its hepatotoxicity.

Microbial-influenced pesticide removal co-occurs with antibiotic resistance gene variation in soil-earthworm-maize system.

Investigation of the activity of a novel tropolone in osteosarcoma.

Luteolin Is a Potential Immunomodulating Natural Compound against Pulpal Inflammation.

A conformationally-locked p-hydroxybenzylidene imidazolinone derivative for detecting A β (42) aggregation.

Fungicides as a risk factor for the development of neurological diseases and disorders in humans: a systematic review.

Chemical analysis of wetland plants to evaluate the bioaccumulation and metabolism of hexachlorocyclohexane (HCH).

Chemicals in menstrual products: A systematic review.

Carbon nitride dots do not impair the growth, development, and telomere length of tadpoles.

Both acute glyphosate and the aminomethylphosphonic acid intoxication decreased the acetylcholinesterase activity in rat hippocampus, prefrontal cortex and gastrocnemius muscle.

Behavioral and biochemical consequences after chronic exposition to the herbicide atrazine in tadpoles.

Glyphosate exposure, muscular health and functional limitations in middle-aged and older adults.

Effect of forchlorfenuron and thidiazuron on kiwifruits' internal qualities, optical properties and their relationship during growth.

Identification of novel potential drugs for the treatment and prevention of osteoarthritis.

The exposure in ovo to glyphosate on the integrity of intestinal epithelial tight junctions of chicks.

Loss of flavin-containing monooxygenase 3 modulates dioxin-like polychlorinated biphenyl 126-induced oxidative stress and hepatotoxicity.

Early and transitory hypoactivity and olfactory alterations after chronic atrazine exposure in female Sprague-Dawley rats.

Cellulose biosynthesis inhibitor isoxaben causes nutrient-dependent and tissue-specific Arabidopsis phenotypes.

The BCKDK inhibitor BT2 is a chemical uncoupler that lowers mitochondrial ROS production and de novo lipogenesis.

Influence of triazines and lipopolysaccharide coexposure on inflammatory response and histopathological changes in the testis and liver of BalB/c mice.

Aldo-keto reductase 1B10 as a Carcinogenic but Not a Prognostic Factor in Colorectal Cancer.

Boron Compounds Mitigate 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Induced Toxicity in Human Peripheral Blood Mononuclear Cells.

Immunocytochemical Analysis of Crocin against Oxidative Stress in Trigeminal Sensory Neurons Innervating the Cornea.

Somatic embryogenesis from mature sorghum seeds: An underutilized genome editing recipient system.

Tissue Culture via Protocorm-like Bodies in an Orchids Hybrids Paphiopedilum SCBG Huihuang90.

Effects of Aminomethylphosphonic Acid on the Transcriptome and Metabolome of Red Swamp Crayfish, *Procambarus clarkii*.

Evaluation of *Salvia hispanica* as a Therapeutic Agent against Sodium Arsenic-Induced Testicular Toxicity in a Male Rats Model.

Differential Modulatory Effects of Methylmercury (MeHg) on Ahr-regulated Genes in Extrahepatic Tissues of C57BL/6 Mice.

Zingerone attenuates sciatic nerve damage caused by sodium arsenite by inhibiting NF- κ B, caspase-3, and ATF-6/CHOP pathways and activating the Akt2/FOXO1 pathway.

TRPA1 as a promising target in ischemia/reperfusion: A comprehensive review.

Exploring Metabolic and Gut Microbiome Responses to Paraquat Administration in Male Wistar Rats: Implications for Oxidative Stress.

Transcriptome analysis reveal the effect of freshwater sediments containing 2,3,7,8-tetrachlorodibenzo-p-dioxin on the *Macrobrachium rosenbergii* hepatopancreas, intestine, and muscle.

Distribution, Metabolism, and Excretion of Cenobamate in Adult, Fetal, Neonatal, and Lactating Rats.

The effects of proanthocyanidin on testicular toxicity in rats exposed to a glyphosate-based herbicide.

Serum metabolome and liver transcriptome reveal acrolein inhalation-induced sex-specific homeostatic dysfunction.

Modifying effects of 2,4-D and Glyphosate exposures on gut-liver-adipose tissue axis of diet-induced non-alcoholic fatty liver disease in mice.

Dietary curcumin supplementation alleviates diquat-induced oxidative stress in the liver of broilers.

Impact of Agent Orange Exposure on Non-muscle Invasive Bladder Cancer Outcomes.

Involvement of glyphosate in disruption of biotransformation P450 enzymes and hepatic lipid metabolism in chicken.

Sub-acute toxicity of the herbicide glufosinate-ammonium exposure in adult red swamp crayfish (*Procambarus clarkii*).

Mutagenicity, hepatotoxicity, and neurotoxicity of glyphosate and fipronil commercial formulations in Amazon turtles neonates (*Podocnemis expansa*).

Toxicity assessment and detoxification metabolism of sodium pentachlorophenol (PCP-Na) on marine economic species: a case study of *Moerella iridescens* and *Exopalaemon carinicauda*.

The effects of *Crocus sativus* extract on inhaled paraquat-induced lung inflammation, oxidative stress, pathological changes and tracheal responsiveness in rats.

Molecular mechanism of paraquat-induced ferroptosis leading to pulmonary fibrosis mediated by Keap1/Nrf2 signaling pathway.

Effects of glyphosate exposure on western diet-induced non-alcoholic fatty liver disease in mice.

Glyphosate-based herbicide (GBH) challenged thermoregulation in lizards (*Eremias argus*), compensatory warming could mitigate this effect.

Zinc Oxide Nanoparticles and Vitamin C Ameliorate Atrazine-Induced Hepatic Apoptosis in Rat via CYP450s/ROS Pathway and Immunomodulation.

Voluntary wheel-running improved pulmonary fibrosis by reducing epithelial mesenchymal transformation.

Adverse developmental impacts in progeny of zebrafish exposed to the agricultural herbicide atrazine during embryogenesis.

Dual-Hit: Glyphosate exposure at NOAEL level negatively impacts birth and glia-behavioural measures in heterozygous shank3 mutants.

FAM13A regulates cellular senescence marker p21 and mitochondrial reactive oxygen species production in airway epithelial cells.

Adverse effects of silver nanoparticles on aquatic plants and zooplankton: A review.

Chronic dietary exposure to a glyphosate-based herbicide in broiler hens has long-term impacts on the progeny metabolism.

Toxicological effects of ocular acrolein exposure to eyelids in rabbits in vivo.

Synergistic toxicity of 2,4-dichlorophenoxyacetic acid and arsenic alters biomarkers in rats.

A simulated heat wave-but not herbicide exposure-alters resource investment strategy in an insect.

Transient Receptor Potential Ankyrin 1 (TRPA1) Channel Mediates Acrolein Cytotoxicity in Human Lung Cancer Cells.

Cellular Exposure to Chloroacetanilide Herbicides Induces Distinct Protein Destabilization Profiles.

Spatiotemporal variations of 2,4-dichlorophenoxy acetic acid with the role of sugarcane industry and related human health risk assessments in the Shadegan International Wetland.

Co-exposure of iron oxide nanoparticles with glyphosate herbicides in *Poecilia reticulata*: Fish liver damages is reversible during iron accumulation and elimination period.

Chlorogenic acid protective effects on paraquat-induced pulmonary oxidative damage and fibrosis in rats.

Atrazine exposure can dysregulate the immune system and increase the susceptibility against pathogens in honeybees in a dose-dependent manner.

Intralipid and caffeic acid phenethyl ester reverse the neurotoxic effects of organophosphate poisoning in rats.

Exposure to Agent Orange and Risk of Bladder Cancer Among US Veterans.

[Experimental study on the toxicokinetics and gastrointestinal damage in rats poisoned with acute diquat poisoning at different exposure doses].

Evaluation of nano-curcumin against inhaled paraquat-induced lung injury in rats.

Glyphosate-induced liver and kidney dysfunction, oxidative stress, immunosuppression in Nile tilapia, but ginger showed a protection role.

Nitric oxide-mediated the therapeutic properties of induced pluripotent stem cell for paraquat-induced acute lung injury.

Therapeutic effect of gossypetin against paraquat-induced testicular damage in male rats: a histological and biochemical study.

A mixture of 13 pesticides, contaminants, and food additives below individual NOAELs produces histopathological and organ weight changes in rats.

Adhesion Molecules in Lung Inflammation from Repeated Glyphosate Exposures.

Role of NF- κ B/IL-1 β Pathway and Caspase 3 in Mediating the Hepatoprotective Effect of Rutin against Paraquat-Induced Liver Toxicity in Male Rats.

Therapeutic potential of amitriptyline for paraquat-induced pulmonary fibrosis: Involvement of caveolin-1-mediated anti-epithelial-mesenchymal transition and inhibition of apoptosis.

A novel mechanism of Dimethyl ester of Alpha-ketoglutarate in suppressing Paraquat-induced BEAS-2B cell injury by alleviating GSDME dependent pyroptosis.

A search for acrolein scavengers among food components.

Complex mixtures of pesticides and metabolites modulate the malignant phenotype of murine melanoma B16-F1 cells.

Tannin alleviates glyphosate exposure-induced apoptosis, necrosis and immune dysfunction in hepatic L8824 cell line by inhibiting ROS/PTEN/PI3K/AKT pathway.

The Tobacco Smoke Component, Acrolein, as a Major Culprit in Lung Diseases and Respiratory Cancers: Molecular Mechanisms of Acrolein Cytotoxic Activity.

Cyhalofop-butyl exposure induces the severe hepatotoxicity and immunotoxicity in zebrafish embryos.

Adult exposure of atrazine alone or in combination with carbohydrate diet hastens the onset/progression of type 2 diabetes in *Drosophila*.

Combined toxicity of Cd and 2,4-dichlorophenoxyacetic acid on the earthworm *Eisenia andrei* under biochar amendment.

Does atrazine induce changes in predator recognition, growth, morphology, and metamorphic traits of larval skipper frogs (*Euphyctis cyanophlyctis*)?

Single-cell transcriptome analysis reveals liver injury induced by glyphosate in mice.

Dimethyl fumarate attenuates paraquat-induced pulmonary oxidative stress, inflammation and fibrosis in mice.

The role of AccCDK20 and AccCDKN1 from *Apis cerana cerana* in development and response to pesticide and heavy metal toxicity.

Toxic effects of glyphosate on histopathology and intestinal microflora of juvenile *Litopenaeus vannamei*.

Global warming and glyphosate toxicity (I): Adult zebrafish modelling with behavioural, immunohistochemical and metabolomic approaches.

Mitigating effect of L-carnitine against atrazine-induced hepatotoxicity: histopathological and biochemical analyses in albino rats.

Chitosan nanocomposite as an effective carrier of potential herbicidal metabolites for noteworthy phytotoxic effect against major aquatic invasive weed water hyacinth (*Eichhornia crassipes*).

Human serum lipidomics analysis revealed glyphosate may lead to lipid metabolism disorders and health risks.

HIF-1 α promotes paraquat induced acute lung injury and implicates a role NF- κ B and Rac2 activity.

Exposure, but not timing of exposure, to a sulfonylurea herbicide alters larval development and behaviour in an amphibian species.

Disturbance of cellular calcium homeostasis plays a pivotal role in glyphosate-based herbicide-induced oxidative stress.

Mitochondrial dysfunction due to in vitro exposure to atrazine and its metabolite in striatum.

Synergistic toxicity of ethanol and 2,4-dichlorophenoxyacetic acid enhances oxidant status, DNA damage, inflammation, and apoptosis in rats.

[Protective effect of metformin on pulmonary fibrosis caused by paraquat through activating AMP-activated protein kinase pathway].

Metabolomics analyses of cancer tissue from patients with colorectal cancer.

Study on the therapeutic effect of glucocorticoids on acute kidney injury in rats exposed to diquat.

Acrolein produced by glioma cells under hypoxia inhibits neutrophil AKT activity and suppresses anti-tumoral activities.

Remarkable Recovery in a Patient with Lethal Dose Paraquat Poisoning: A Case Report.

Clinical and pathological characteristics of acute kidney injury caused by diquat poisoning.

Assessment of pulmonary fibrosis induced by paraquat using Al(18)F-NODA-FAPI-04 PET/CT.

Soluble thrombomodulin alleviates Diquat-induced acute kidney injury by inhibiting the HMGB1/ α 1/NF- κ B signalling pathway.

Glyphosate Causes Vascular Toxicity through Cellular Senescence and Lipid Accumulation.

Glyphosate potentiates insulin resistance in skeletal muscle through the modulation of IRS-1/PI3K/Akt mediated mechanisms: An in vivo and in silico analysis.

TRPA1 deficiency aggravates dilated cardiomyopathy by promoting S100A8 expression to induce M1 macrophage polarization in rats.

Trehalose prevents glyphosate-induced hepatic steatosis in roosters by activating the Nrf2 pathway and inhibiting NLRP3 inflammasome activation.

Legacy pollutants in fractured aquifers: Analytical approximations for back diffusion to predict atrazine concentrations under uncertainty.

[Effect of pirfenidone on paraquat-induced pulmonary fibrosis in rats].

[Effects of Nintedanib associated with Shenfu Injection on paraquat-induced lung injury in rats].

Organotin and organochlorine toxicants activate key translational regulatory proteins in human immune cells.

Dietary cinnamaldehyde improves muscle protein content by promoting muscle fiber growth via PTP1B/IGF1/PI3K/AKTs-TOR/FOXO3a signaling pathway in grass carp (*Ctenopharyngodon idella*).

Small-Molecule Cyanamide Pan-TEAD-YAP1 Covalent Antagonists.

Selenium-dependent glutathione peroxidase 1 regulates transcription of elongase 3 in murine tissues.

Roundup® disrupts tissue architecture, attenuates Na(+)/K(+)-ATPase expression, and induces protein oxidation/nitration, cellular apoptosis, and antioxidant enzyme expressions in the gills of goldfish, *Carassius auratus*.

The effects of glyphosate-based herbicide on the hypothalamic-pituitary thyroid axis are tissue-specific and dependent on age exposure.

Assessment of ACC and P450 Genes Expression in Wild Oat (*Avena ludoviciana*) in Different Tissues Under Herbicide Application.

Fitness assessment of *Mytilus galloprovincialis* Lamarck, 1819 after exposure to herbicide metabolite propachlor ESA.

Effects of plant growth regulators and sucrose on proliferation and quality of embryogenic tissue in *Picea pungens*.

Multiple Metabolic Enzymes Can Be Involved in Cross-Resistance to 4-Hydroxyphenylpyruvate-Dioxygenase-Inhibiting Herbicides in Wild Radish.

Tracking Targets of Dynamic Super-Enhancers in Vitro to Better Characterize Osteoclastogenesis and to Evaluate the Effect of Diuron on the Maturation of Human Bone Cells.

Metabolomic Responses of Lettuce (*Lactuca sativa*) to Allelopathic Benzoquinones from *Iris sanguinea* Seeds.

Dose-dependent inhibitory effects of glyphosate on invasive *Pomacea canaliculata* reproductive and developmental growth under oxidative deposition.

Cyhalofop-butyl and pyribenzoxim-induced oxidative stress and transcriptome changes in the muscle of crayfish (*Procambarus clarkii*).

Molecular Characteristics of Toxicity of Acrolein Produced from Spermine.

Endogenous auxin maintains embryonic cell identity and promotes somatic embryo development in *Arabidopsis*.

Chaenomeles sinensis polysaccharide and its carboxymethylated derivative alleviate dextran sulfate sodium-induced ulcerative colitis via suppression of inflammation and oxidative stress.

Inflammation and cardiometabolic diseases induced by persistent organic pollutants and nutritional interventions: Effects of multi-organ interactions.

Environmental Toxicant Exposure Paralyzes Human Placental Macrophage Responses to Microbial Threat.

Nephroprotective effect of diosmin against sodium arsenite-induced renal toxicity is mediated via attenuation of oxidative stress and inflammation in mice.

Arsenic induces metabolome remodeling in mature human adipocytes.

Metformin alleviates sodium arsenite-induced hepatotoxicity and glucose intolerance in mice by suppressing oxidative stress, inflammation, and apoptosis.

Untargeted metabolomics reveals dynamic changes in metabolic profiles of rat supraspinatus tendon at three different time points after diabetes induction.

Copper-Loaded Nanoheterojunction Enables Superb Orthotopic Osteosarcoma Therapy via Oxidative Stress and Cell Cuproptosis.

Incorporating Uremic Solute-mediated Inhibition of OAT1/3 Improves PBPK Prediction of Tenofovir Renal and Systemic Disposition in Patients with Severe Kidney Disease.

Maternal serum dioxin-like activity and gestational age at birth and indices of foetal growth: The Aarhus birth cohort.

Postictal hypoxia involves reactive oxygen species and is ameliorated by chronic mitochondrial uncoupling.

Effects of Remimazolam on Intracellular Calcium Dynamics in Myotubes Derived from Patients with Malignant Hyperthermia and Functional Analysis of Type 1 Ryanodine Receptor Gene Variants.

A Novel Quinazoline Derivative Prevents and Treats Arsenic-Induced Liver Injury by Regulating the Expression of RecQ Family Helicase.

A *Cryptosporidium parvum* vaccine candidate effect on immunohistochemical profiling of CD4(+), CD8(+), Caspase-3 and NF- κ B in mice.

Exposure to bromoxynil octanoate herbicide induces oxidative stress, inflammation, and apoptosis in testicular tissue via modulating NF- κ B pathway.

Human Preadipocytes Differentiated under Hypoxia following PCB126 Exposure during Proliferation: Effects on Differentiation, Glucose Uptake and Adipokine Profile.

2,3,7,8-tetrachlorodibenzo-p-dioxin induces multigenerational testicular toxicity and biosynthetic disorder of testosterone in BALB/C mice: Transcriptional, histopathological and hormonal determinants.

Development and comparative analysis of initiation ability in large-scale Heuchera propagation using tissue culture versus cuttings.

Persistent organic pollutants promote aggressiveness in prostate cancer.

Alternations in interleukin-1 β and nuclear factor kappa beta activity (NF- κ B) in rat liver due to the co-exposure of Cadmium and Arsenic: Protective role of curcumin.

Non-Cardiotoxic Tetradecanoic Acid-2,4-Dinitrophenol Ester Nanomicelles in Microneedles Exert Potent Anti-Obesity Effect by Regulating Adipocyte Browning and Lipogenesis.

Uremic Toxins Induce THP-1 Monocyte Endothelial Adhesion and Migration through Specific miRNA Expression.

Glycopolymer-based multifunctional antibacterial hydrogel dressings for accelerating cutaneous wound healing.

Dynamic photodamage of red blood cell induced by CisDiMPyP porphyrin.

Hepatoprotective and anti-hyperglycemic effects of ferulic acid in arsenic-exposed mice.

Aryl hydrocarbon receptor (AHR): Towards understanding intestinal microbial ligands including vitamin B12 and folic acid as natural antagonists.

Establishment and characterization of Yellow River carp (*Cyprinus carpio haematopterus*) muscle cell line and its application to fish virology and immunology.

Ultra-stretchable, tissue-adhesive, shape-adaptive, self-healing, on-demand removable hydrogel dressings with multiple functions for infected wound healing in regions of high mobility.

Temporary alteration of neuronal network communication is a protective response to redox imbalance that requires GPI-anchored prion protein.

Diosmin exerts hepatoprotective and antihyperglycemic effects against sodium arsenite-induced toxicity through the modulation of oxidative stress and inflammation in mice.

Nephroprotective Effects of Selenium Nanoparticles Against Sodium Arsenite-Induced Damages.

Changes in metabolic landscapes shape divergent but distinct mutational signatures and cytotoxic consequences of redox stress.

Concomitant inhibition of TLR-4 and SGLT2 by phloretin and empagliflozin prevents diabetes-associated ischemic acute kidney injury.

Carvacrol reduces abnormal and dead sperm counts by attenuating sodium arsenite-induced oxidative stress, inflammation, apoptosis, and autophagy in the testicular tissues of rats.

Biodegradable Hollow Nanoscavengers Restore Liver Functions to Reverse Insulin Resistance in Type 2 Diabetes.

The effects of sucrose and arsenic on muscular insulin signaling pathways differ between the gastrocnemius and quadriceps muscles.

Fetal lung hypoxia and energetic cell failure in the nitrofen-induced congenital diaphragmatic hernia rat model.

Zingerone reduces sodium arsenite-induced nephrotoxicity by regulating oxidative stress, inflammation, apoptosis and histopathological changes.

Exposure to nonanoic acid alters small intestinal neuroendocrine tumor phenotype.

NKG2D Ligand Expression Induced by Oxidative Stress Mitigates Cutaneous Ischemia-Reperfusion Injury.

Mechanistic insights on the possible protective role of polyphenols extracted from *Tamarix aphylla* aerial parts against sodium arsenite-induced hepatotoxicity in rats.

Supplementation with sesame oil suppresses genotoxicity, hepatotoxicity and enterotoxicity induced by sodium arsenite in rats.

Diagnostic biomarker panels of osteoarthritis: UPLC-QToF/MS-based serum metabolic profiling.

[Clinical case report of acute dinitrophenol poisoning with a fatal outcome of Udmurt Republic].

DPP4 Inhibitor Sitagliptin Reduces Inflammatory Responses and Mast Cell Activation in Allergic Rhinitis.

PD-L1 upregulation promotes drug-induced pulmonary fibrosis by inhibiting vimentin degradation.

Porcine deltacoronavirus uses heparan sulfate as an attachment receptor.

On-Demand Removable Self-Healing and pH-Responsive Europium-Releasing Adhesive Dressing Enables Inflammatory Microenvironment Modulation and Angiogenesis for Diabetic Wound Healing.

Multi-omics reveals diet-induced metabolic disorders and liver inflammation via microbiota-gut-liver axis.

Microbial strategies for degradation of microplastics generated from COVID-19 healthcare waste.

Gold@mesoporous polydopamine nanoparticles modified self-healing hydrogel for sport-injuring therapy.

Metabolic Communication by SGLT2 Inhibition.

Disentangling the Tissue-Specific Variations of Volatile Flavor Profiles of the *Lentinula edodes* Fruiting Body.

Antioxidant Vitamins Attenuate Glyphosate-Induced Development of Type-2 Diabetes Through the Activation of Glycogen Synthase Kinase-3 β and Forkhead Box Protein O-1 in the Liver of Adult Male Rats.

Genome-Wide Identification and Expression Analysis Reveals the B3 Superfamily Involved in Embryogenesis and Hormone Responses in *Dimocarpus longan* Lour.

Phenolic compounds in the freshwater environment in South Korea: Occurrence and tissue-specific distribution.

Acute Toxicity Assays with Adult Coral Fragments: A Method for Standardization.

Ginkgo Biloba Extract Can Antagonize Subchronic Arsenite Exposure-Induced Hepatocyte Senescence by Inhibiting Oxidative Damage and Inflammation in Rats.

Hormetic Effect Caused by Sublethal Doses of Glyphosate on *Toona ciliata* M. Roem.

Toxicological evaluation of TBBPA by common carp (*Cyprinus carpio*) about the in vivo/vitro disturbance of the AHR pathway.

Untargeted Metabolomics Analyses and Contaminant Chemistry of Dreissenid Mussels at the Maumee River Area of Concern in the Great Lakes.

Effects of terbuthylazine on myocardial oxidative stress and ferroptosis via Nrf2/HO-1 signaling pathway in broilers.

Functional characterization of four antenna-biased chemosensory proteins in *Dioryctria abietella* reveals a broadly tuned olfactory DabiCSP1 and its key residues in ligand-binding.

Plant-derived squalene supplementation improves growth performance and alleviates acute oxidative stress-induced growth retardation and intestinal damage in piglets.

Effects of glyphosate herbicide ingestion on kidney function in rats on a balanced diet.

Paraquat ingestion in an adult with cystic fibrosis (CF): Diagnostic and management dilemmas.

Uroprotective Potential of Campesterol in Cyclophosphamide Induced Interstitial Cystitis; Molecular Docking Studies.

Ultrasonic neural regulation over two-dimensional graphene analog biomaterials: Enhanced PC12 cell differentiation under diverse ultrasound excitation.

Heavy metal concentration according to shrimp species and organ specificity: Monitoring and human risk assessment.

Carnosine synthase deficiency aggravates neuroinflammation in multiple sclerosis.

Characterization of fifteen key genes involved in iron metabolism and their responses to dietary iron sources in yellow catfish *Pelteobagrus fulvidraco*.

A multifunctional hydrogel dressing with high tensile and adhesive strength for infected skin wound healing in joint regions.

Interpretable predictive models of genome-wide aryl hydrocarbon receptor-DNA binding reveal tissue-specific binding determinants.

Differential transcriptomic alterations in nasal versus lung tissue of acrolein-exposed rats.

Cross species extrapolation of the disruption of thyroid hormone synthesis by oxyfluorfen using in vitro data, physiologically based pharmacokinetic (PBPK), and thyroid hormone kinetics models.

New Insight of Scaffold Based on Hydroxyapatite (HAp)/Bacteria's Nanocellulose (BN) for Dental Tissue Engineering.

Micropropagation and Acclimatization of *Gymnocalycium* cv. Fancy (Cactaceae): Developmental Responses to Different Explant Types and Hormone Conditions.

A comparison of maceration methods for the preparation of infant skeletal remains for forensic anthropological analysis.

Metabolic Pathways for Removing Reactive Aldehydes are Diminished in Atrophic Muscle During Heart Failure.

Exposure to the aryl hydrocarbon receptor agonist dioxin disrupts formation of the muscle, nerves, and vasculature in the developing jaw.

Mixture effect assessment applying in vitro bioassays to in-tissue silicone extracts of traditional foods prepared from beluga whale blubber.

Suppressed Histone H3 Lysine 18 Acetylation Is Involved in Arsenic-Induced Liver Fibrosis in Rats by Triggering the Dedifferentiation of Liver Sinusoidal Endothelial Cells.

Effect of Hydralazine on Angiotensin II-Induced Abdominal Aortic Aneurysm in Apolipoprotein E-Deficient Mice.

Assessment of glyphosate and its metabolites' residue concentrations in cultured African Catfish offered for sale in selected markets in Ibadan, Oyo State, Nigeria.

Epidemiology and etiology of diffuse large B-cell lymphoma.

Mild Oxidative Stress Induced by Sodium Arsenite Reduces Lipocalin-2 Expression Levels in Cortical Glial Cells.

Biomechanical performance of talon cannulated compression device in pauwels type III fractures: a comparative study.

The neuroprotective effect of quercetin nanoparticles in the therapy of neuronal damage stimulated by acrolein.

Nilotinib alleviates paraquat-induced hepatic and pulmonary injury in rats via the Nrf2/Nf-kB axis.

Acrolein induces mitochondrial dysfunction and insulin resistance in muscle and adipose tissues in vitro and in vivo.

In vivo neuromodulation of animal behavior with organic semiconducting oligomers.

Transcriptome reveals the toxicity difference of dimethyl disulfide by contact and fumigation on *Meloidogyne incognita* through calcium channel-mediated oxidative phosphorylation.

Regulation of Hepatic Xenosensor Function by HNF4 α .

Investigation of the Persistence, Toxicological Effects, and Ecological Issues of S-Triazine Herbicides and Their Biodegradation Using Emerging Technologies: A Review.

Bioactive strawberry fruit (*Arbutus unedo* L.) extract remedies paraquat-induced neurotoxicity in the offspring prenatally exposed rats.

A review of food contaminant 2,3,7,8-tetrachlorodibenzo-p-dioxin and its toxicity associated with metabolic disorders.

Development and application of a mini-QuEChERS method for the determination of pesticide residues in anuran adipose tissues.

Acute paraquat poisoning complicated by acute kidney injury and lung fibrosis: a case report from Nepal.

Elucidating the spatial distribution of organic contaminants and their biotransformation products in amphipod tissue by MALDI- and DESI-MS-imaging.

Alterations of Bax/Bcl-2 ratio contribute to NaAsO₂ induced thyrotoxicity in human thyroid follicular epithelial cells and SD rats.

Adverse bioenergetic effects of N-acyl amino acids in human adipocytes overshadow beneficial mitochondrial uncoupling.

Correction to: Assessment of ACC and P450 Genes Expression in Wild Oat (*Avena ludoviciana*) in Different Tissues Under Herbicide Application.

3D-bioprintable endothelial cell-laden sacrificial ink for fabrication of microvessel networks.

Toxicokinetic modelling of the transfer of non-dioxin like polychlorinated biphenyls from feed into edible tissues of pigs.

Single and combined effects of polyethylene microplastics and acetochlor on accumulation and intestinal toxicity of zebrafish (*Danio rerio*).

A comprehensive review of chlorophenols: Fate, toxicology and its treatment.

Optimization of High-Efficiency Tissue Culture Regeneration Systems in Gray Poplar.

M(6)A transcriptome-wide map of circRNAs identified in the testis of normal and AZ-treated *Xenopus laevis*.

Uro-protective role of chrysin against cyclophosphamide-induced hemorrhagic cystitis in rats involving the turning-off NF- κ B/P38-MAPK, NO/PARP-1 and STAT-3 signaling cascades.

Increased anti-oxidative action compensates for collagen tissue degeneration in vitiligo dermis.

Metformin Overcomes the Consequences of NKX3.1 Loss to Suppress Prostate Cancer Progression.

Three-Way Cell-Based Screening of Antistress Compounds: Identification, Validation, and Relevance to Old-Age-Related Pathologies.

Impact of Intron and Retransformation on Transgene Expression in Leaf and Fruit Tissues of Field-Grown Pear Trees.

The BCKDK inhibitor BT2 is a chemical uncoupler that lowers mitochondrial ROS production and de novo lipogenesis.

Lycopene supplementation: effects on oxidative stress, sex hormones, gonads and thyroid tissue in tilapia *Oreochromis niloticus* during Harness(Â®) exposure.

Subchronic Arsenite Exposure Induced Atrophy and Erythropoietin Sensitivity Reduction in Skeletal Muscle Were Relevant to Declined Serum Melatonin Levels in Middle-Aged Rats.

Effects of Prometryn Exposure on Hepatopancreas Oxidative Stress and Intestinal Flora in *Eriocheir sinensis* (Crustacea: Decapoda).

A UOF based on a cyclotriphosphazene skeleton: fluorescence sensing of different substituted aldehydes and NACs.

Pesticides exposure in pregnant Argentinian women: Potential relations with the residence areas and the anthropometric neonate parameters.

[8] and [10]-Gingerol reduces urothelial damage in ifosfamide-induced hemorrhagic cystitis via JAK/STAT/FOXO signaling pathway via IL-10.

Prevention of DSS-induced colitis in mice with water kefir microbiota via anti-inflammatory and microbiota-balancing activity.

Development of Simultaneous Determination Method of Pesticide High Toxic Metabolite 3,4-Dichloroaniline and 3,5 Dichloroaniline in Chives Using HPLC-MS/MS.

Pesticide concentration in three selected fish species and human health risk in the Lake Tana sub-basin, Ethiopia.

Agent Orange Causes Metabolic Dysfunction and Molecular Pathology Reminiscent of Alzheimer's Disease.

Exploring breast tissue microbial composition and the association with breast cancer risk factors.

Anti-osteoporotic drugs affect the pathogenesis of gut microbiota and its metabolites: a clinical study.

PTEN Overexpression Alters Autophagy Levels and Slows Sodium Arsenite-Induced Hepatic Stellate Cell Fibrosis.

Joint effects of phenol, chlorophenol pesticide, phthalate, and polycyclic aromatic hydrocarbon on bone mineral density: comparison of four statistical models.

Occurrence, distribution, and risk assessment of halogenated organic pollutants (HOPs) in marine fish muscle: The case study of Vietnam.

RNA-binding proteins that are highly expressed and enriched in healthy cartilage but suppressed in osteoarthritis.

The exposure to volatile organic chemicals associates positively with rheumatoid arthritis: a cross-sectional study from the NHANES program.

Long-term exposure to arsenic in drinking water leads to myocardial damage by oxidative stress and reduction in NO.

Human amnion-derived mesenchymal stem cells attenuate acute lung injury in two different acute lung injury mice models.

Effects of metamifop on ammonia production and metabolism of *Monopterus albus*.

3-Pyrrolyl BODIPY Based Schiff Base Fluorophores: A Selective Chemodosimetric and Optical Sensor for Diethyl Chlorophosphate.

Metabolomics Differences of the Donor Livers Between In Situ and Ex Situ Conditions During Ischemia-free Liver Transplantation.

Exposure to oxyfluorfen-induced hematobiochemical alterations, oxidative stress, genotoxicity, and disruption of sex hormones in male African catfish and the potential to confront by *Chlorella vulgaris*.

The relationship between experimental 2,4-Dinitrophenol administration and neurological oxidative stress: in terms of dose, time and gender differences.

Induction of Axillary Bud Swelling of *Hevea brasiliensis* to Regenerate Plants through Somatic Embryogenesis and Analysis of Genetic Stability.

Differentiation Disorders of *Chara vulgaris* Spermatids following Treatment with Propyzamide.

Reproductive-Toxicity-Related Endpoints in *C. elegans* Are Consistent with Reduced Concern for Dimethylarsinic Acid Exposure Relative to Inorganic Arsenic.

Sodium arsenite-induced changes in the wood of esca-diseased grapevine at cytological and metabolomic levels.

Effect of 650 nm laser photobiomodulation therapy on the HT-7 (shenmen) acupoint in the *Mus musculus* model of Parkinson's disease.

Determination of Paraquat in *Arabidopsis* Tissues and Protoplasts by UHPLC-MS/MS.

Cell cycle dysregulation on prenatal and postnatal arsenic exposure in skin of Wistar rat neonates.

Transfer and toxicokinetic modeling of non-dioxin-like polychlorinated biphenyls (ndl-PCBs) into accidentally exposed dairy cattle and their calves - A case report.

Accumulation and metabolism of pyroxasulfone in tomato seedlings.

First insight into accumulation of characteristics and tissue distribution of PCBs, PBDEs, and other BFRs in the living Indonesian coelacanth (*Latimeria menadoensis*).

Contaminants of Emerging Concern (CECs) and Male Reproductive Health: Challenging the Future with a Double-Edged Sword.

Prenatal Environmental Stressors and DNA Methylation Levels in Placenta and Peripheral Tissues of Mothers and Neonates Evaluated by Applying Artificial Neural Networks.

Route of Arsenic Exposure Differentially Impacts the Expression of Genes Involved in Gut-Mucosa-Associated Immune Responses and Gastrointestinal Permeability.

Development of Boron-Containing PVA-Based Cryogels with Controllable Boron Releasing Rate and Altered Influence on Osteoblasts.

Endometriosis: Update of Pathophysiology, (Epi) Genetic and Environmental Involvement.

Association of bone mineral density with trichlorophenol: a population-based study.

Neuroprotective properties of borax against aluminum hydroxide-induced neurotoxicity: Possible role of Nrf-2/BDNF/AChE pathways in fish brain.

AhR-mediated lipid peroxidation contributes to TCDD-induced cardiac defects in zebrafish.

Fluorometric Protocol for Estimating Peroxiredoxin Activity in Biological Tissues.

Toxicity assessment of metribuzin and its amelioration through plant growth regulators in *Vigna radiata* (L.) R. Wilczek.

Risk of Environmental Chemicals on Bone Fractures Is Independent of Low Bone Mass in US Adults: Insights from 2017 to 2018 NHANES.

Effects of the Vitamin D3 on Alleviating the Oxidative Stress Induced by Diquat in Wenchang Chickens.

Monitoring of organophosphorus pesticide residues in plant and vegetable tissues by a novel silver nanocluster probe.

Case report: Successful outcome of a young patient with rhabdomyolysis and shock caused by diquat poisoning.

Dioxin transfer simulation from feed to animal tissues and risk assessment.

TCDD alters essential transcriptional regulators of osteogenic differentiation in multipotent mesenchymal stem cells.

Rhamnazin ameliorates 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin-evoked testicular toxicity by restoring biochemical, spermatogenic and histological profile in male albino rats.

Protective effects of zingerone against sodium arsenite-induced lung toxicity: A multi-biomarker approach.

Ameliorating effect of *Mucuna pruriens* seed extract on sodium arsenite-induced testicular toxicity and hepato-renal histopathology in rats.

Herbicide Use in the Era of Farm to Fork: Strengths, Weaknesses, and Future Implications.

Andrographolide-based potential anti-inflammatory transcription inhibitors against nuclear factor NF- κ B p50 subunit (NF- $\hat{\imath}$ B p50): an integrated molecular and quantum mechanical approach.

Bioactive diterpenoids and sesquiterpenoids with different skeletons from *Salvia digitaloides* Diels.

Scrutinizing the interaction between metribuzin with glutathione reductase 2 from *Arabidopsis thaliana*: insight into the molecular toxicity in agriculture.

High hazard pesticides (HHPs) in Near East and North Africa (NENA), constraints and recommendations to mitigate the risk of HHPs.

Nail Mineral Composition Changes Do Not Reflect Bone Mineral Changes Caused by Boron Supplementation.

Amyotrophic Lateral Sclerosis Pathoetiology and Pathophysiology: Roles of Astrocytes, Gut Microbiome, and Muscle Interactions via the Mitochondrial Melatonergic Pathway, with Disruption by Glyphosate-Based Herbicides.

Trehalose prevents glyphosate-induced testicular damage in roosters via its antioxidative properties.

Individual and combined toxicity of microplastics and diuron differs between freshwater and marine diatoms.

Epidemiology and renal injury following 2-methyl-4-chlorophenoxyacetic acid (MCPA) poisoning.

Glyphosate effects on the female reproductive systems: a systematic review.

Tannic acid through ROS/TNF- α /TNFR 1 antagonizes atrazine induced apoptosis, programmed necrosis and immune dysfunction of grass carp hepatocytes.

Feeding behavior of early life stages of the zebrafish *Danio rerio* is altered by exposure to glyphosate.

Spectroscopic contribution to glyphosate toxicity profile and the remedial effects of *Momordica charantia*.

YAP1 silencing attenuated lung injury/fibrosis but worsened diaphragmatic function by regulating oxidative stress and inflammation response in mice.

Study of paraquat-induced pulmonary fibrosis using biomimetic micro-lung chips.

Phlebotomy-induced iron deficiency attenuates the pulmonary toxicity of paraquat in mice.

Mechanism of 2,4-Dichlorophenoxyacetic acid-induced damage to rat testis via Fas/FasL pathway and the protective effect of *Lycium barbarum* polysaccharides.

Histopathological, immunohistochemical, and molecular investigation of atrazine toxic effect on some organs of adult male albino rats with a screening of *Acacia nilotica* as a protective trial.

Maternal exposure to glyphosate-based herbicide promotes changes in the muscle structure of C57BL/6 mice offspring.

Molecular linkages between chemodiversity and MCPA complexation behavior of dissolved organic matter in paddy soil: Effects of land conversion.

The exposure in ovo of embryos belonging to Amazonian turtle species *Podocnemis expansa* (Testudines) to commercial glyphosate and fipronil formulations impairs their growth and changes their skeletal development.

A dose-related positive effect of inhaled simvastatin-loaded PLGA nanoparticles on paraquat-induced pulmonary fibrosis in rats.

Chronic dietary exposure to a glyphosate-based herbicide results in total or partial reversibility of plasma oxidative stress, cecal microbiota abundance and short-chain fatty acid composition in broiler hens.

Biochemical and cellular responses of the freshwater mussel, *Hyriopsis bialata*, to the herbicide atrazine.

Co-exposure of iron oxide nanoparticles and glyphosate-based herbicide promote liver toxicity in guppy (*Poecilia reticulata*): A histochemical and ultrastructural approach.

Ginsenoside Rg1 suppresses paraquat-induced epithelial cell senescence by enhancing autophagy in an ATG12-dependent manner.

[Study on the Protective effect and mechanism of Nicotinamide Riboside on lung injury in paraquat intoxicated mice].

Melatonin ameliorates renal dysfunction in glyphosate- and hard water-treated mice.

Phenotypic analyses, protein localization, and bacteriostatic activity of *Drosophila melanogaster* transferrin-1.

Alfalfa's response to atrazine stress and its secreted atrazine metabolites.

Chronic dietary exposure to a glyphosate-based herbicide results in reversible increase early embryo mortality in chicken.

Glyphosate infiltrates the brain and increases pro-inflammatory cytokine TNF α : implications for neurodegenerative disorders.

Acrolein, an environmental toxicant and its applications to in vivo and in vitro atherosclerosis models: An update.

Neuro-hepatopathological changes in juvenile *Oreochromis niloticus* exposed to sublethal concentrations of commercial herbicides.

Ginkgolide C Alleviates Acute Lung Injury Caused by Paraquat Poisoning via Regulating the Nrf2 and NF- κ B Signaling Pathways.

A time-course study of microglial activation and dopaminergic neuron loss in the substantia nigra of mice with paraquat-induced Parkinson's disease.

An in vitro strategy using multiple human induced pluripotent stem cell-derived models to assess the toxicity of chemicals: A case study on paraquat.

Acetochlor Affects Bighead Carp (*Aristichthys Nobilis*) by Producing Oxidative Stress, Lowering Tissue Proteins, and Inducing Genotoxicity.

Lifelong Exposure to a Low-Dose of the Glyphosate-Based Herbicide RoundUp(®) Causes Intestinal Damage, Gut Dysbiosis, and Behavioral Changes in Mice.

Age-related tolerance to paraquat-induced parkinsonism in *Drosophila melanogaster*.

Ameliorative effect of selenium yeast supplementation on the physio-pathological impacts of chronic exposure to glyphosate and or malathion in *Oreochromis niloticus*.

Vesicle transport related protein Synaptotagmin-1 mediates paraquat transport to antagonize paraquat toxicity.

Clinicohematological, Mutagenic, and Oxidative Stress Induced by Pendimethalin in Freshwater Fish Bighead Carp (*Hypophthalmichthys nobilis*).

Molecular and Histological Effects of Glyphosate on Testicular Tissue of the Lizard *Podarcis siculus*.

[Dynamic changes of locus coeruleus damage in Parkinson's disease-like mice induced by paraquat].

Acrolein, an endogenous aldehyde induces synaptic dysfunction in vitro and in vivo: Involvement of RhoA/ROCK2 pathway.

Synthesis, Herbicidal Activity and Toxicity Evaluation of Secondary Ammonium Salts from Turpentine Oil for Sustainable Weed Control.

Ameliorative effect of N-acetylcysteine on the testicular tissue of adult male albino rats after glyphosate-based herbicide exposure.

Histopathological, Immunohistochemical, And Molecular Alterations In Brain Tissue And Submandibular Salivary Gland Of Atrazine-Induced Toxicity In Male Rats.

Protective role of green tea against paraquat toxicity in *Allium cepa* L.: physiological, cytogenetic, biochemical, and anatomical assessment.

Toxicity of commercial atrazine in *Rattus norvegicus* organs as a function of concentration: histopathological, ultrastructural and hematological evaluation.

Design of a naphthalimide-based probe for acrolein detection in foods and cells.

Impact of glyphosate-based herbicide on early embryonic development of the amphibian *Xenopus laevis*.

Quantification and toxicokinetics of paraquat in mouse plasma and lung tissues by internal standard surface-enhanced Raman spectroscopy.

Does roundup affect zinc functions in a bivalve mollusk in ex vivo exposure?

Low concentrations of glyphosate alone affect the pubertal male rat meiotic step: An in vitro study.

Propolis nanoparticles relieved the impacts of glyphosate-induced oxidative stress and immunosuppression in Nile tilapia.

A Novel Algicidal Bacterium, *Microbulbifer* sp. YX04, Triggered Oxidative Damage and Autophagic Cell Death in *Phaeocystis globosa*, Which Causes Harmful Algal Blooms.

5-aminosalicylic acid attenuates paraquat-induced lung fibroblast activation and pulmonary fibrosis of rats.

The influence of preconditioning with low dose of LPS on paraquat-induced neurotoxicity, microglia activation and expression of α -synuclein and synphilin-1 in the dopaminergic system.

Benchmark dose and the adverse effects of exposure to pendimethalin at low dose in female rats.

Attenuating effect of *Prosopis cineraria* against paraquat-induced toxicity in prepubertal mice, *Mus musculus*.

Bioconcentration and toxicological impacts of fipronil and 2,4-D commercial formulations (single and in mixture) in the tropical fish, *Danio rerio*.

Tenascin-C Participates Pulmonary Injury Induced by Paraquat Through Regulating TLR4 and TGF- β 2 Signaling Pathways.

The STING-IRF3 pathway contributes to paraquat-induced acute lung injury.

[Effects on extravascular lung water of lung protective ventilation strategy applied on piglets with acute respiratory distress syndrome induced by paraquat].

Ellagic acid ameliorates paraquat-induced liver injury associated with improved gut microbial profile.

Occurrence, spatio-temporal distribution, and human health risk assessment of pesticides in fish along the Ayuquila-Armería River, Mexico.

Evaluation of myenteric neurons in the colon of rats exposed to 2,4 dichlorophenoxyacetic acid herbicide.

Protective Effects of N-acetylcysteine Niosome Nanoparticles on Paraquat-induced Nephrotoxicity in Male Rats.

Silymarin protects the rats against paraquat-induced acute kidney injury via Nrf2.

Disruption of developmental programming with long-term consequences after exposure to a glyphosate-based herbicide in a rat model.

Tolerance of *Hymenaea courbaril* L. to glyphosate.

Evaluation of the efficiency of simvastatin loaded PLGA nanoparticles against acute paraquat-intoxicated rats.

Atrazine uptake, translocation, bioaccumulation and biodegradation in cattail (*Typha latifolia*) as a function of exposure time.

The potential risks of herbicide butachlor to immunotoxicity via induction of autophagy and apoptosis in the spleen.

The speciation of arsenic in the muscle tissue of inland and coastal freshwater fish from a remote boreal region.

Determination of genotoxic damages of picloram and dicamba with comet assay in *Allium cepa* rooted in tissue culture and distilled water.

Case series: Diquat poisoning with acute kidney failure, myocardial damage, and rhabdomyolysis.

Metolachlor Poisoning with Lactic Acidosis Improved by Thiamine Administration: A Case Report.

Acrolein plays a culprit role in the pathogenesis of diabetic nephropathy in vitro and in vivo.

Novel anti-arthritic mechanisms of trans-cinnamaldehyde against complete Freund's adjuvant-induced arthritis in mice: involvement of NF- κ B/TNF- α and IL-6/IL-23/IL-17 pathways in the immunoinflammatory responses.

Acute diquat poisoning causes rhabdomyolysis.

Prediction of mortality and morbidity following paraquat poisoning based on trend of liver and kidney injury.

pH-responsive cinnamaldehyde-TiO₂ nanotube coating: fabrication and functions in a simulated diabetes condition.

Cinnamaldehyde protects against ligature-induced periodontitis through the inhibition of microbial accumulation and inflammatory responses of host immune cells.

Genomic Analyses Identify Manganese Homeostasis as a Driver of Group B Streptococcal Vaginal Colonization.

Cinnamaldehyde Mitigates Atherosclerosis Induced by High-Fat Diet via Modulation of Hyperlipidemia, Oxidative Stress, and Inflammation.

Cinnamaldehyde decreases the invasion and u-PA expression of osteosarcoma by down-regulating the FAK signalling pathway.

Cigarette Smoke Containing Acrolein Contributes to Cisplatin Resistance in Human Bladder Cancers through the Regulation of HER2 Pathway or FGFR3 Pathway.

[Imaging features of 10 patients with toxic encephalopathy caused by diquat].

Effects of cinnamaldehyde on glucose-6-phosphate dehydrogenase activity, some biochemical and hematological parameters in diabetic rats.

Homicidal paraquat poisoning: Poisoned while drinking.

An Inhibitor of Nuclear Factor-Kappa B Pathway Attenuates the Release of TGF- β 1 and Inhibits the Fibrogenic Progress in a Model of Airway Remodeling Induced by Acrolein.

Efficacy of N-acetyl-L-cysteine against glyphosate induced oxidative stress and apoptosis in testicular germ cells preventing infertility.

Cinnamaldehyde treatment during adolescence improves white and brown adipose tissue metabolism in a male rat model of early obesity.

C. elegans as an in vivo model system for the phenotypic drug discovery for treating paraquat poisoning.

Cinnamic Aldehyde, the main monomer component of Cinnamon, exhibits anti-inflammatory property in OA synovial fibroblasts via TLR4/MyD88 pathway.

Effect of Cinnamaldehyde on *C. albicans* cell wall and (1,3)- β -D-glucans in vivo.

Combination of TRP channel dietary agonists induces energy expending and glucose utilizing phenotype in HFD-fed mice.

Somatic embryogenesis and β -glucuronidase transformation in chickpea (*Cicer arietinum* cv. Bivanich).

Interactive effects of high temperature and pesticide exposure on oxidative status, apoptosis, and renin expression in kidney of goldfish: Molecular and cellular mechanisms of widespread kidney damage and renin attenuation.

A reactive oxygen species-replenishing coordination polymer nanomedicine disrupts redox homeostasis and induces concurrent apoptosis-ferroptosis for combinational cancer therapy.

Peripheral tissular analysis of rapamycin's effect as a neuroprotective agent in vivo.

Self-Emulsifying Drug Delivery System Enhances Tissue Distribution of Cinnamaldehyde by Altering the Properties of the Mucus Layer.

NRF2 activation by 2-methoxycinnamaldehyde attenuates inflammatory responses in macrophages via enhancing autophagy flux.

Acute toxicity, bioaccumulation and elimination of prometryn in tilapia (*Oreochromis niloticus*).

Hexagonal liquid crystalline system containing cinnamaldehyde for enhancement of skin permeation of sinomenine hydrochloride.

Acid-Responsive Micelles Releasing Cinnamaldehyde Enhance RSL3-Induced Ferroptosis in Tumor Cells.

The effects of aerobic exercise training with octopamine supplementation on cardiomyocyte apoptosis induced by deep-frying oil: The role of caspase and procaspase 3.

Toxicity and tissue accumulation characteristics of the herbicide pendimethalin under silicon application in ginger (*Zingiber officinale* Roscoe).

Glyphosate and glufosinate-ammonium in aquaculture ponds and aquatic products: Occurrence and health risk assessment.

Analytical method for sequential determination of persistent herbicides and their metabolites in fish tissues by UPLC-MS/MS.

Contaminants of emerging concern (CECs) in *Zea mays*: Uptake, translocation and distribution tissue patterns over the time and its relation with physicochemical properties and plant transpiration rate.

Protective effect of the *Spirulina platensis* against toxicity induced by Diuron exposure in *Mytilus galloprovincialis*.

Probiotic Bifidobacteria Mitigate the Deleterious Effects of para-Cresol in a *Drosophila melanogaster* Toxicity Model.

TIPARP is involved in the regulation of intraocular pressure.

[Expression and Regulatory Mechanism of Autophagy-related Genes in Synovial Tissues of Patients with Rheumatoid Arthritis].

Impact of mixtures of persistent organic pollutants on breast cancer aggressiveness.

Hibiscus sabdariffa L. polyphenolic-rich extract promotes muscle glucose uptake and inhibits intestinal glucose absorption with concomitant amelioration of Fe(2+) -induced hepatic oxidative injury.

Functional analysis of RYR1 variants in patients with confirmed susceptibility to malignant hyperthermia.

Effects of neuron autophagy induced by arsenic and fluoride on spatial learning and memory in offspring rats.

Pesticide exposure and risk of cardiovascular disease: A systematic review.

Understanding In Vitro Pathways to Drug Discovery for TDP-43 Proteinopathies.

Lactobacillus reuteri tryptophan metabolism promotes host susceptibility to CNS autoimmunity.

[Protective effect of active vitamin D on liver fibrosis induced by sodium arsenite in SD rats].

Impact of the National Amyotrophic Lateral Sclerosis Registry: Analysis of Registry-funded Research.

Flurochloridone induced abnormal spermatogenesis by damaging testicular Sertoli cells in mice.

The AHR target gene scinderin activates the WNT pathway by facilitating the nuclear translocation of β -catenin.

Dual-dynamic-bond cross-linked injectable hydrogel of multifunction for intervertebral disc degeneration therapy.

Comparative plasma metabolomic analysis to identify biomarkers for lead-induced cognitive impairment.

LC-MS metabolomics of urine reveals distinct profiles for non-muscle-invasive and muscle-invasive bladder cancer.

Damaged DNA Is an Early Event of Neurodegeneration in Induced Pluripotent Stem Cell-Derived Motoneurons with UBQLN2(P497H) Mutation.

Arsenic induces bronchial epithelial carcinogenesis with mitochondrial dysfunction through AKAP95-mediated cell cycle alterations.

Transcriptome sequencing of 3,3',4,4',5-Pentachlorobiphenyl (PCB126)-treated human preadipocytes demonstrates progressive changes in pathways associated with inflammation and diabetes.

Assessment of the Proton Pump Inhibitor, Esomeprazole Magnesium Hydrate and Trihydrate, on Pathophysiological Markers of Preeclampsia in Preclinical Human Models of Disease.

Damage of uremic myocardium by p-cresyl sulfate and the ameliorative effect of Klotho by regulating SIRT6 ubiquitination.

Carboxymethylation of Desmodium styracifolium Polysaccharide and Its Repair Effect on Damaged HK-2 Cells.

Radiosynthesis and characterization of a carbon-11 PET tracer for receptor-interacting protein kinase 1.

Thermogenic T cells: a cell therapy for obesity?

Pesticide use and risk of systemic autoimmune diseases in the Agricultural Health Study.

Physiologically-based pharmacokinetic model for 2,4-dinitrophenol.

Mild Mitochondrial Uncoupling Decreases Experimental Atherosclerosis, A Proof of Concept.

Redox-dependent loss of flavin by mitochondria complex I is different in brain and heart.

Bacterial neurotoxic metabolites in multiple sclerosis cerebrospinal fluid and plasma.

Toxic Effects of Endocrine Disruptor Exposure on Collagen-Induced Arthritis.

Potential Protective Effect of Spirulina Platensis on Sodium Arsenite Induced Cardiotoxicity in Male Rats.

TCDD aggravates the formation of the atherosclerotic plaque in ApoE KO mice with a sexual dimorphic pattern.

Molecular characterization of the aryl hydrocarbon receptor 2 gene in black rockfish, *Sebastes schlegelii*, and its expression patterns upon exposure to benzo[a]pyrene, 2,3,7,8-tetrachlorodibenzo-p-dioxin, and 1^β-naphthoflavone.

Arsenic alters nitric oxide signaling similar to autism spectrum disorder and Alzheimer's disease-associated mutations.

Lentinan alleviates arsenic-induced hepatotoxicity in mice via downregulation of OX40/IL-17A and activation of Nrf2 signaling.

Monomeric C-Reactive Protein: Current Perspectives for Utilization and Inclusion as a Prognostic Indicator and Therapeutic Target.

Developmental toxicity studies on triclopyr acid, triclopyr butoxyethyl ester and triclopyr triethylamine salt in the rabbit.

Tryptophan Metabolites Regulate Neurotensin 1 Expression in Endothelial Cells.

Iron from nanostructured ferric phosphate: absorption and biodistribution in mice and bioavailability in iron deficient anemic women.

Histological and Immunohistochemical Studies to Determine the Mechanism of Cleft Palate Induction after Palatal Fusion in Mice Exposed to TCDD.

Integrated molecular biology and metabolomics approach to understand the mechanism underlying reduction of insulin resistance by corn silk decoction.

Acute Dyspnea and Hemoptysis in an 84-Year-Old Man With Multiple Comorbidities.

2, 3, 7, 8-Tetrachlorodibenzo-p-dioxin potential impacts on peripheral blood mononuclear cells of endometriosis women.

Development and Characterization of Curcumin-Silver Nanoparticles as a Promising Formulation to Test on Human Pterygium-Derived Keratinocytes.

Pretreatment optimization of tissue metabolomics in colorectal cancer.

Treatment with MDL 72527 Ameliorated Clinical Symptoms, Retinal Ganglion Cell Loss, Optic Nerve Inflammation, and Improved Visual Acuity in an Experimental Model of Multiple Sclerosis.

nHA-loaded gelatin/alginate hydrogel with combined physical and bioactive features for maxillofacial bone repair.

Strontium-Incorporated Carbon Nitride Nanosheets Modulate Intracellular Tension for Reinforced Bone Regeneration.

Comprehensive analysis of the carboxylesterase gene reveals that NtCXE22 regulates axillary bud growth through strigolactone metabolism in tobacco.

Early life organophosphate ester exposures and bone health at age 12 years: The Health Outcomes and Measures of the Environment (HOME) Study.

Environmentally relevant atrazine exposure leads to increases in DNA damage and changes in morphology in the hepatopancreas of crayfish (*Faxonius virilis*).

Availability and effects of n-TiO₂ and PCB77 in fish in vitro models of the intestinal barrier and liver under single- and/or co-exposure scenarios.

Effect of syringic acid on steroid and gonadotropic hormones, hematological indices, sperm characteristics and morphologies, and markers of tissue damage in methyl cellosolve-administered rats.

Responses of bitter melon saponins to oxidative stress and aging via the IIS pathway linked with sir-2.1 and hlh-30.

Synthesis, characterization, antioxidant potential, and cytotoxicity screening of new Cu(II) complexes with 4-(arylchalcogenyl)-1H-pyrazoles ligands.

Occurrence and risk assessment of endocrine-disrupting compounds in fish muscle: The case study of the Douro River estuary (North East Atlantic Ocean).

Toxic effects of pesticides on cellular and humoral immunity: an overview.

Oxidized sodium alginate crosslinked silk fibroin composite scaffold for skin tissue engineering.

DAF-16 is involved in colonic metabolites of ferulic acid-promoted longevity and stress resistance of *Caenorhabditis elegans*.

Cytotoxicity Mechanisms of Eight Major Herbicide Active Ingredients in Comparison to Their Commercial Formulations.

Post-Translational Modifications Evoked by Reactive Carbonyl Species in Ultraviolet-A-Exposed Skin: Implication in Fibroblast Senescence and Skin Photoaging.

Comparative Biochemical Profiling of Aluminum Chloride and Sodium Azide Induced Neuroinflammation and Cardiometabolic Disturbance.

Optical characteristics of the skin with dark circles using pump-probe imaging.

Effect of water diuresis with hydrogen saturation on the course of acute kidney damage during the separation of oxidation and phosphorylation.

AhR Mediated Activation of Pro-Inflammatory Response of RAW 264.7 Cells Modulate the Epithelial-Mesenchymal Transition.

Low-Dose Dioxin Reduced Glucose Uptake in C2C12 Myocytes: The Role of Mitochondrial Oxidative Stress and Insulin-Dependent Calcium Mobilization.

C-X-C-Chemokine-Receptor-Type-4 Inhibitor AMD3100 Attenuates Pulmonary Inflammation and Fibrosis in Silicotic Mice.

Ryanodine receptor-active non-dioxin-like polychlorinated biphenyls cause neurobehavioral deficits in larval zebrafish.

Protective efficacy of *Coriandrum sativum* seeds against arsenic induced toxicity in Swiss albino mice.

Somatic embryogenesis and plant regeneration from transverse thin cell layers of adult peach palm (*Bactris gasipaes*) lateral offshoots.

Facile fabrication of Bi-layered perfusable hydrogel tubes as biomimetic 3D arterial construct.

Occurrence and distribution of persistent organic pollutants in the liver and muscle of Atlantic blue sharks: Relevance and health risks.

Protection against Paraquat-Induced Oxidative Stress by *Curcuma longa* Extract-Loaded Polymeric Nanoparticles in Zebrafish Embryos.

Food-derived bioactive oligopeptide iron complexes ameliorate iron deficiency anemia and offspring development in pregnant rats.

Influence of Plant Growth Regulators on Glandular Trichome Density and Steviol Glycosides Accumulation in *Stevia rebaudiana*.

Borax relieved the acrylamide-induced hematotoxic, hepatotoxic, immunotoxic and genotoxic damages in rainbow trout by regulating apoptosis and Nrf2 signaling pathway.

The ability of callus tissues induced from three *Allium* plants to accumulate health-beneficial natural products, S-alk(en)ylcysteine sulfoxides.

Bisphenol A and 2,3,7,8-tetrachlorodibenzo-p-dioxin at non-cytotoxic doses alter the differentiation potential and cell function of rat adipose-stem cells.

The toxicological profile of polychlorinated naphthalenes (PCNs).

Plant hormone signals regulate trehalose accumulation against osmotic stress in watermelon cells.

Transcriptomic analysis of deceptively pollinated *Arum maculatum* (Araceae) reveals association between terpene synthase expression in floral trap chamber and species-specific pollinator attraction.

A pilot evaluation on the toxicokinetics and bioaccumulation of polychlorinated naphthalenes in laying hens.

Neurotoxicity Assessment of Four Different Pesticides Using In Vitro Enzymatic Inhibition Assays.

Oral administration of pentachlorophenol impairs antioxidant system, inhibits enzymes of brush border membrane, causes DNA damage and histological changes in rat intestine.

Interindividual variation contributes to differential PCB 126 induced gene expression in primary breast epithelial cells and tissues.

Supporting discovery and development of medical countermeasures for chemical injury to eye and skin.

Drosophila ecdysone receptor activity-based ex vivo assay to assess the endocrine disruption potential of environmental chemicals.

Beta-glucan effects on 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity in liver and brain.

Research on the Relationship between Exposure to Dioxins and Cancer Incidence in Vietnam.

Paraquat induced oxidative stress, DNA damage, and cytotoxicity in lymphocytes.

Cytomegalovirus-related Cystitis in a Patient with Membranous Glomerulonephritis Receiving Cyclophosphamide: A Case Study.

Improving knowledge on genotoxicity dynamics in somatic and germ cells of crayfish (*Procambarus clarkii*).

Borax exerts protective effect against ferrocene-induced neurotoxicity in *Oncorhynchus mykiss*.

Natural attenuation of sulfometuron-methyl in seawater: Kinetics, intermediates, toxicity change and ecological risk assessment.

Evaluation of dioxin induced transcriptomic responses in a 3D human liver microtissue model.

Effects of Vine Tea Extract on Meat Quality, Gut Microbiota and Metabolome of Wenchang Broiler.

Exposure to 3,3',4,4',5-Pentachlorobiphenyl (PCB126) Causes Widespread DNA Hypomethylation in Adult Zebrafish Testis.

Effects of Autophagy Modulators and Dioxin on the Expression of Epidermal Differentiation Proteins on Psoriasis-Like Keratinocytes in vitro and ex vivo.

Dietary High Dose of Iron Aggravates the Intestinal Injury but Promotes Intestinal Regeneration by Regulating Intestinal Stem Cells Activity in Adult Mice With Dextran Sodium Sulfate-Induced Colitis.

Oxidative Stress Protection by Canary Seed (*Phalaris canariensis* L.) Peptides in Caco-2 Cells and *Caenorhabditis elegans*.

Red propolis reduces inflammation in cyclophosphamide-induced hemorrhagic cystitis in rats.

Mitochondrial uncouplers induce proton leak by activating AAC and UCP1.

New insights into arsenic, lead, and iron neurotoxicity: Activation of MAPK signaling pathway and oxidative stress.

The toxicity of perfluorodecanoic acid is mainly manifested as a deflected immune function.

Use of in vitro metabolism and biokinetics assays to refine predicted in vivo and in vitro internal exposure to the cosmetic ingredient, phenoxyethanol, for use in risk assessment.

Evaluation of polycyclic aromatic hydrocarbons in silky sharks *Carcharhinus falciformis* collected from Western Indian Ocean and human health risk assessment.

Inhibition of aryl hydrocarbon receptor signaling promotes the terminal differentiation of human erythroblasts.

AM1241-Loaded Poly(ethylene glycol)-Dithiothreitol Hydrogel Repairs Cranial Bone Defects by Promoting Vascular Endothelial Growth Factor and COL-1 Expression.

Comparative Toxicotranscriptomics of Single Cell RNA-Seq and Conventional RNA-Seq in TCDD-Exposed Testicular Tissue.

Engineering Multifunctional Hydrogel With Osteogenic Capacity for Critical-Size Segmental Bone Defect Repair.

Distinct Epithelial Cell Profiles in Normal Versus Induced-Congenital Diaphragmatic Hernia Fetal Lungs.

Interference with connective tissue growth factor attenuated fibroblast-to-myofibroblast transition and pulmonary fibrosis.

Tea polyphenols alleviates acetochlor-induced apoptosis and necroptosis via ROS/MAPK/NF- κ B signaling in *Ctenopharyngodon idellus* kidney cells.

Prediction of tissue and urine concentrations of 2-phenoxyethanol and its metabolite 2-phenoxyacetic acid in rat and human after oral and dermal exposures via GastroPlus(TM) physiologically based pharmacokinetic modelling.

Rice straw biochar in combination with farmyard manure mitigates bromoxynil toxicity in wheat (*Triticum aestivum* L.).

Evaluation of the Acute Effects of Arsenic on Adults of the Neotropical Native Fish *Cnesterodon decemmaculatus* Using a Set of Biomarkers.

Enhanced bioremediation of RDX and Co-Contaminants perchlorate and nitrate using an anaerobic dehalogenating consortium in a fractured rock aquifer.

Elimination of Pendimethalin in Integrated Rice and *Procambarus clarkii* Breeding Models and Dietary Risk Assessments.

Optimized Transformation and Gene Editing of the B104 Public Maize Inbred by Improved Tissue Culture and Use of Morphogenic Regulators.

Pesticide Exposure and Risk of Rheumatoid Arthritis: A Systematic Review and Meta-Analysis.

Cytotoxic effects of Roundup Classic and its components on NE-4C and MC3T3-E1 cell lines determined by biochemical and flow cytometric assays.

A Mixture of Endocrine Disruptors and the Pesticide Roundup(®) Induce Oxidative Stress in Rabbit Liver When Administered under the Long-Term Low-Dose Regimen: Reinforcing the Notion of Real-Life Risk Simulation.

The bZIP Ap1 transcription factor is a negative regulator of virulence attributes of the anthropophilic dermatophyte *Trichophyton rubrum*.

Insights into the toxicokinetic, tissue distribution and maternal transfer of polychlorinated dibenzo-p-dioxins/dibenzofurans in laying hens fed with dioxin-associated dietary.

Multiple Plant Regeneration from Embryogenic Calli of *Paulownia tomentosa* (Thunb.) Steud.

Paraquat Induces Lung Injury via miR-199-Mediated SET in a Mouse Model.

Kidney and lung injury in rats following acute diquat exposure.

JAK2/STAT3 pathway regulates microglia polarization involved in hippocampal inflammatory damage due to acute paraquat exposure.

Intraperitoneal kisspeptin-10 administration ameliorates sodium arsenite-induced reproductive toxicity in adult male mice.

Sodium arsenite accelerates D-galactose-induced aging in the testis of the rat: Evidence for mitochondrial oxidative damage, NF- κ B, JNK, and apoptosis pathways.

Insight in Hypoxia-Mimetic Agents as Potential Tools for Mesenchymal Stem Cell Priming in Regenerative Medicine.

A Critical Review of Zebrafish Models of Parkinson's Disease.

NMR Spectroscopy Identifies Chemicals in Cigarette Smoke Condensate That Impair Skeletal Muscle Mitochondrial Function.

Novel Coconut Vinegar Attenuates Hepatic and Vascular Oxidative Stress in Rats Fed a High-Cholesterol Diet.

More than Meets the Eye: The Aryl Hydrocarbon Receptor is an Environmental Sensor, Physiological Regulator and a Therapeutic Target in Ocular Disease.

Lead acetate versus cadmium sulfate in the modulation of main physiological pathways controlling detrusor muscle contractility in rat.

Identification of the AccCDK1 gene in *Apis cerana cerana* and its relationship with the oxidative stress response.

Survey of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans and non-ortho-polychlorinated biphenyls in U.S. meat, poultry, and siluriform fish from 2018-2019: toxic equivalency levels, temporal trends, and implications.

Correction to: Quantification and toxicokinetics of paraquat in mouse plasma and lung tissues by internal standard surface enhanced Raman spectroscopy.

Gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin primes cortical microglia to tissue injury.

Concentration of current-use pesticides in frogs from the Pampa region and correlation of a mixture toxicity index with biological effects.

Morphological and Molecular Description of a New Species *Haematoloechus dehradunensis* sp. nov. (Plagiiorchiidae: Haematoloechinae) from the Lungs of *Euphlyctis cyanophlyctis* (Anura, Dicroglossidae) from Dehradun, along with a Note on *H. singaporensis* Yuen, 1962, a New Record to India.

Assessment of Selected Morphological, Physical and Chemical Parameters of the Teeth of the Offspring of Female Rats Exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD), Taking into Account the Protective Role of Selected Antioxidants-Preliminary Study.

Extranodal Diffuse Large B-Cell Lymphoma of Bone and Soft Tissue Presenting With Marked Lymphedema and Hypercalcemia.

The fate of sodium chlorite in simulated gastric and intestinal fluids and residues of chlorate in broiler chickens after oral administration of sodium chlorite.

SOD1 mutations cause hypersensitivity to high-pressure-induced oxidative stress in *Saccharomyces cerevisiae*.

Health risks of sulfentrazone exposure during zebrafish embryo-larvae development at environmental concentration.

Effects of diluted Concord grape juice laced with sodium chloride and selected boron-containing compounds on attraction, consumption, crop muscle contractions, and mortality of adult *Drosophila suzukii* Matsumura (Diptera: Drosophilidae).

Geographical distribution of dioxins, cadmium, and mercury concentrations in reindeer liver, kidneys, and muscle in the Russian Far North.

Optical coherence tomography as an alternative tool for evaluating the effects of glyphosate on hybrid catfish (*Clarias gariepinus* × *Clarias macrocephalus*).

Why Do High-Risk Patients Develop or Not Develop Coronary Artery Disease? Metabolic Insights from the CAPIRE Study.

Role of Lung P450 Oxidoreductase in Paraquat-Induced Collagen Deposition in the Lung.

Glutathione protects against the meiotic defects of ovine oocytes induced by arsenic exposure via the inhibition of mitochondrial dysfunctions.

TCDD Inhibition of IgG1 Production in Experimental Autoimmune Encephalomyelitis (EAE) and In Vitro.

Dioxin-like Activity in Pregnant Women and Indices of Fetal Growth: The ACCEPT Birth Cohort.

Locust density shapes energy metabolism and oxidative stress resulting in divergence of flight traits.

A direct and simple immobilization route for immunosensors by CNBr activation for covalent attachment of anti-leptin: obesity diagnosis point of view.

Soybean isoflavones protect SH-SY5Y neurons from atrazine-induced toxicity by activating mitophagy through stimulation of the BEX2/BNIP3/NIX pathway.

Repeated Low-Dose Acrolein Triggers Irreversible Lamina Propria Edema in Urinary Bladder, Transient Voiding Behavior and Widening of Eyes to Mechanical Stimuli.

Toxicity effect of Diuron on gill tissue structure and the tissue residue of blood cockles (*Tegillarca granosa*).

Pesticides applied to crops and amyotrophic lateral sclerosis risk in the U.S.

Effects of 2,4-dichlorophenoxyacetic acid on the expression of NLRP3 inflammasome and autophagy-related proteins as well as the protective effect of *Lycium barbarum* polysaccharide in neonatal rats.

Bioaccumulation of current-use herbicides in fish from a global biodiversity hotspot: Lake St Lucia, South Africa.

A subchronic low-dose exposure of a glyphosate-based herbicide induces depressive and anxious-like behavior in mice: quercetin therapeutic approach.

Acute exposition to Roundup Transorb® induces systemic oxidative stress and alterations in the expression of newly sequenced genes in silverside fish (*Odontesthes humensis*).

Pleiotropic Outcomes of Glyphosate Exposure: From Organ Damage to Effects on Inflammation, Cancer, Reproduction and Development.

Vitamin D(3) Protects Mice from Diquat-Induced Oxidative Stress through the NF- κ B/Nrf2/HO-1 Signaling Pathway.

Atrazine intoxication in cattle, confirmed by gas chromatography-mass spectrometry.

Alterations in blood parameters, DNA damage, oxidative stress and antioxidant enzymes and immune-related genes expression in Nile tilapia (*Oreochromis niloticus*) exposed to glyphosate-based herbicide.

Conjugated linoleic acid protects brain mitochondrial function in acrolein induced male rats.

Bidirectional role of reactive oxygen species during inflammasome activation in acrolein-induced human EAhy926 cells pyroptosis.

Herbicide atrazine exposure induce oxidative stress, immune dysfunction and WSSV proliferation in red swamp crayfish *Procambarus clarkii*.

Exposure to the herbicide butachlor activates hepatic stress signals and disturbs lipid metabolism in mice.

Recovery trend to co-exposure of iron oxide nanoparticles (Fe_3O_4) and glyphosate in liver tissue of the fish *Poecilia reticulata*.

Ecotoxicological effects of commercial herbicides on the reproductive system of aquatic arthropod *Limnocois submontandoni* (Hemiptera: Naucoridae).

The Differences between the Effects of a Nanoformulation and a Conventional Form of Atrazine to Lettuce: Physiological Responses, Defense Mechanisms, and Nutrient Displacement.

Endophytic bacterium CIMAP-A7 mediated amelioration of atrazine induced phyto-toxicity in *Andrographis paniculata*.

Antioxidative Composites Based on Multienzyme Systems Encapsulated in Metal-Organic Frameworks.

Functional roles of polyamines and their metabolite acrolein in eukaryotic cells.

Pectin/chitosan/tripolyphosphate encapsulation protects the rat lung from fibrosis and apoptosis induced by paraquat inhalation.

Short exposure to glyphosate induces locomotor, craniofacial, and bone disorders in zebrafish (*Danio rerio*) embryos.

Exposure to 2,4-D herbicide induces hepatotoxicity in zebrafish larvae.

Long noncoding RNA HOTAIR functions as ceRNA to regulate MMP2 in paraquat induced lung epithelial-mesenchymal transition.

CD34+ derived macrophage and dendritic cells display differential responses to paraquat.

In vivo toxicological assessment of diquat dibromide: cytotoxic, genotoxic, and biochemical approach.

Effects of carboxylated multi-walled carbon nanotubes on bioconcentration of pentachlorophenol and hepatic damages in goldfish.

Survival on railway tracks of *Geranium robertianum*-a glyphosate-tolerant plant.

Effect of atrazine on accumulation of iron via the iron transport proteins in the midbrain of SD rats.

Influence of Herbicide Exposure and Ranavirus Infection on Growth and Survival of Juvenile Red-Eared Slider Turtles (*Trachemys scripta elegans*).

Exposure to Atrazine Induces Lung Inflammation through Nrf2-HO1 and Beclin 1/LC3 Pathways.

Low-Dose Acrolein, an Endogenous and Exogenous Toxic Molecule, Inhibits Glucose Transport via an Inhibition of Akt-Regulated GLUT4 Signaling in Skeletal Muscle Cells.

Meta-analysis and experimental validation identified atrazine as a toxicant in the male reproductive system.

Metazachlor effect on poplar - Pioneer plant species for riparian buffers.

Assessment of oxidative DNA damage, oxidative stress responses and histopathological alterations in gill and liver tissues of *Oncorhynchus mykiss* treated with linuron.

Development of scleral ossicles in *Podocnemis expansa* (Testudines: Podocnemididae) embryos exposed to atrazine.

Possible effects of agent orange and posttraumatic stress disorder on hyperglycemia in Korean veterans from the US-Vietnam war.

Acrolein contributes to human colorectal tumorigenesis through the activation of RAS-MAPK pathway.

Can the exposure system adopted influence the results of the atrazine toxicity in hepatic tissue of fish?

Evaluation and comparison of advanced oxidation processes for the degradation of 2,4-dichlorophenoxyacetic acid (2,4-D): a review.

Fluorfenidone attenuates paraquat-induced pulmonary fibrosis by regulating the PI3K/Akt/mTOR signaling pathway and autophagy.

Identification of lncRNA expression profiles and analysis of ceRNA in the hippocampus of perinatal glyphosate-exposed mice.

Effects of the emulsifiable herbicide Dicamba on amphibian tadpoles: an underestimated toxicity risk?

The hepatotoxicity of atrazine exposure in mice involves the intestinal microbiota.

The effects of carbon monoxide releasing molecules on paraquat-induced pulmonary interstitial inflammation and fibrosis.

Epigenetic Changes Associated With Exposure to Glyphosate-Based Herbicides in Mammals.

Analysis of Biomechanical Parameters of Muscle Soleus Contraction and Blood Biochemical Parameters in Rat with Chronic Glyphosate Intoxication and Therapeutic Use of C(60) Fullerene.

Lipoxin A4 protects against paraquat-induced acute lung injury by inhibiting the TLR4/MyD88-mediated activation of the NF- κ B and PI3K/AKT pathways.

Evaluation of the hepatoprotective effects of curcumin and nanocurcumin against paraquat-induced liver injury in rats: Modulation of oxidative stress and Nrf2 pathway.

Exposure Impacts of Environmentally Relevant Concentrations of a Glufosinate Ammonium Herbicide Formulation on Larval Development and Thyroid Histology of *Xenopus laevis*.

Fluorochloridone induces autophagy in TM4 Sertoli cells: involvement of ROS-mediated AKT-mTOR signaling pathway.

Integration of paraquat pharmacokinetic data across species using PBPK modelling.

Paraquat pharmacokinetics in primates and extrapolation to humans.

Carvacrol and PPAR γ agonist, pioglitazone, affects inhaled paraquat-induced lung injury in rats.

In vitro Interference of a Glyphosate Commercial Formulation with the Stimulation of Ovarian Maturation by Progesterone, in the Estuarine Crab *Neohelice granulata*.

Assessment of the impacts of glyphosate and its commercial formulation Roundup® on the respiratory tree of the sea cucumber *Holothuria forskali* using a multivariate biomarker approach.

The maize SUMO conjugating enzyme ZmSCE1b protects plants from paraquat toxicity.

2,4-Dichlorophenoxyacetic acid induced hepatic and renal toxicological perturbations in rat model: Attenuation by selenium supplementation.

Effects of glyphosate-based herbicide-contaminated diets on reproductive organ toxicity and hypothalamic-pituitary-ovarian axis hormones in weaned piglets.

Paraquat Inhalation, a Translationally Relevant Route of Exposure: Disposition to the Brain and Male-Specific Olfactory Impairment in Mice.

Chronic toxicity of technical atrazine to the fathead minnow (*Pimephales promelas*) during a full life-cycle exposure and an evaluation of the consistency of responses.

Hepatotoxic Effects of Atrazine on *Clarias gariepinus* (Burchell, 1822): Biochemical and Histopathological Studies.

Genotoxic and epigenetic effects of diuron in the Pacific oyster: in vitro evidence of interaction between DNA damage and DNA methylation.

Changes in microtubule stability in zebrafish (*Danio rerio*) embryos after glyphosate exposure.

LncRNA XIST sponges miR-199a-3p to modulate the Sp1/LRRK2 signal pathway to accelerate Parkinson's disease progression.

The agrochemical S-metolachlor disrupts molecular mediators and morphology of the swim bladder: Implications for locomotor activity in zebrafish (*Danio rerio*).

Common and particular biochemical responses of *Unio tumidus* to herbicide, pharmaceuticals and their combined exposure with heating.

Profiling and fingerprinting strategies to assess exposure of edible plants to herbicides.

Design, Synthesis, and SAR of Novel 1,3-Disubstituted Imidazolidine or Hexahydropyrimidine Derivatives as Herbicide Safeners.

Effect of Fertactyl(®) on the absorption and translocation of (14)C-glyphosate in young eucalyptus plants.

HSPB5 (Î±B-crystallin) confers protection against paraquat-induced oxidative stress at the organismal level in a tissue-dependent manner.

Effects of Trans-Cinnamaldehyde on Reperfused Ischemic Skeletal Muscle and the Relationship to Laminin.

Carnosine quenches the reactive carbonyl acrolein in the central nervous system and attenuates autoimmune neuroinflammation.

Digital image processing: a useful tool in the analysis of lung injuries caused by chronic inhalation of agricultural herbicides.

Evidence of acrolein in synovial fluid of dogs with osteoarthritis as a potential inflammatory biomarker.

Biofunctional chemistry and reactivity of biogenic acrolein for cancer diagnosis and therapy.

Identification of hub genes and key pathways of paraquat-induced human embryonic pulmonary fibrosis by bioinformatics analysis and in vitro studies.

Neuroprotective Effect of Cinnamaldehyde on Secondary Brain Injury After Traumatic Brain Injury in a Rat Model.

Screening the Q-markers of TCMs from RA rat plasma using UHPLC-QTOF/MS technique for the comprehensive evaluation of Wu-Wei-Wen-Tong Capsule.

Protective effect of lutein against acrolein-induced ototoxicity in rats.

Inhibition of Lipopolysaccharide-Induced Inflammatory and Oxidative Responses by Trans-cinnamaldehyde in C2C12 Myoblasts.

The Onset of Systemic Oxidative Stress Associated with the Accumulation of Lipid Peroxidation Product Acrolein in the Skin of Patients with Small-Vessel Vasculitis.

Esophagitis dissecans superficialis associated with acute transoral paraquat poisoning: Clinical study of 15 cases.

Effect of Fluorofenidone Against Paraquat-Induced Pulmonary Fibrosis Based on Metabolomics and Network Pharmacology.

Coniferaldehyde prevents articular cartilage destruction in a murine model via Nrf2/HO-1 pathway.

Polyamine biomarkers as indicators of human disease.

Association of Agricultural, Occupational, and Military Inhalants With Autoantibodies and Disease Features in US Veterans With Rheumatoid Arthritis.

Plasma acrolein level in rheumatoid arthritis increases independently of the disease characteristics.

Suppression of Th17 cell differentiation via sphingosine-1-phosphate receptor 2 by cinnamaldehyde can ameliorate ulcerative colitis.

Thal protects against paraquat-induced lung injury through a microRNA-141/HDAC6/Î²-tubulin-NF-Î² axis in rat and cell models.

Arenaria kansuensis attenuates pulmonary fibrosis in mice via the activation of Nrf2 pathway and the inhibition of NF-Î²B/TGF-Î²1/Smad2/3 pathway.

Urinary Levels of the Acrolein Conjugates of Carnosine Are Associated with Cardiovascular Disease Risk.

An Unusual Case of Paraquat-Induced Rhabdomyolysis and Hepatic Injury Presenting With Takotsubo Cardiomyopathy.

Gallic acid exerts anti-inflammatory, anti-oxidative stress, and nephroprotective effects against paraquat-induced renal injury in male rats.

Absorption, Distribution, Metabolism, and Excretion of a New Herbicide, Epyrifenacil, in Rats.

Transmission electron microscopic analysis of glyphosate induced cytotoxicity and its attenuation by N-acetyl-L-cysteine in caprine testicular germ cells in vitro.

E-cigarette vaping liquids and the flavoring chemical cinnamaldehyde perturb bone, cartilage and vascular development in zebrafish embryos.

Metabolic and residual characteristic of different arsenic species contained in laver during mouse digestion.

Study of muscle fibers of the extensor digitorum longus and soleus muscles of C57BL/6 females exposed to glyphosate during pregnancy and lactation.

Synthesis, optical properties, determination and imaging in living cells and bamboo of cinnamaldehyde derivatives.

Effects of sodium arsenite and dimethyl arsenic acid on Liaoning cashmere goat skin fibroblasts.

[The effect of diallyl sulfide on the lung tissue of rats poisoned by paraquat].

DNA methylation in the adipose tissue and whole blood of Agent Orange-exposed Operation Ranch Hand veterans: a pilot study.

An Intensified Acrolein Exposure Can Affect Memory and Cognition in Rat.

Trans-cinnamaldehyde protects C2C12 myoblasts from DNA damage, mitochondrial dysfunction and apoptosis caused by oxidative stress through inhibiting ROS production.

Comprehensive analyses of degradative enzymes associated with mesotrione-degraded process in rice for declining environmental risks.

The problem with implementing fish farms in agricultural regions: A trial in a pampean pond highlights potential risks to both human and fish health.

Arsenic-induced lung inflammation and fibrosis in a rat model: Contribution of the HMGB1/RAGE, PI3K/AKT, and TGF- β 1/SMAD pathways.

Chrysin attenuates sodium arsenite-induced nephrotoxicity in rats by suppressing oxidative stress and inflammation.

Low-dose PCB126 exposure disrupts cardiac metabolism and causes hypertrophy and fibrosis in mice.

Niclosamide affects intracellular TDP-43 distribution in motor neurons, activates mitophagy, and attenuates morphological changes under stress.

Probing Loop-Mediated Isothermal Amplification (LAMP) targeting two gene-fragments of rose rosette virus.

Aryl Hydrocarbon Receptor Repressor Is Hypomethylated in Psoriasis and Promotes Psoriasis-like Inflammation in HaCaT Cells.

Aryl hydrocarbon receptor (AHR) functions in infectious and sterile inflammation and NAD(+)-dependent metabolic adaptation.

Potential role of dietary chitosan nanoparticles against immunosuppression, inflammation, oxidative stress, and histopathological alterations induced by pendimethalin toxicity in Nile tilapia.

Untargeted serum metabolomics and potential biomarkers for Sjögren's syndrome.

DNA Damage and Expression Profile of Genes Associated with Nephrotoxicity Induced by Butralin and Ameliorating Effect of Arabic Gum in Female Rats.

These boots are made for burnin': Inferring the position of the corpse and the presence of leather footwears during cremation through isotope ($\delta^{13}C$, $\delta^{18}O$) and infrared (FTIR) analyses of experimentally burnt skeletal remains.

Effects of prebiotic oligofructose-enriched inulin on gut-derived uremic toxins and disease progression in rats with adenine-induced chronic kidney disease.

AMP deamination is sufficient to replicate an atrophy-like metabolic phenotype in skeletal muscle.

Iron distribution in different tissues of homozygous Mask (msk/msk) mice and the effects of oral iron treatments.

The protein-bound uremic toxin p-cresyl-sulfate promotes intracellular ROS production and lipid peroxidation in 3T3-L1 adipose cells.

Transcriptome-based analysis of blood samples reveals elevation of DNA damage response, neutrophil degranulation, cancer and neurodegenerative pathways in Plasmodium falciparum patients.

The Aryl hydrocarbon receptor mediates reproductive toxicity of polychlorinated biphenyl congener 126 in rats.

Citrullinated and homocitrullinated low-density lipoprotein in rheumatoid arthritis.

Association between occupational exposures and sarcoma incidence and mortality: systematic review and meta-analysis.

Circulating p-Cresyl Sulfate, Non-Hepatic Alkaline Phosphatase and Risk of Bone Fracture Events in Chronic Kidney Disease-Mineral Bone Disease.

Intravenous iron is non-inferior to oral iron regarding cell growth and iron metabolism in colorectal cancer associated with iron-deficiency anaemia.

Skeletal myopathy in CKD: a comparison of adenine-induced nephropathy and 5/6 nephrectomy models in mice.

A novel imidazolinone metformin-methylglyoxal metabolite promotes endothelial cell angiogenesis via the eNOS/HIF-1 α pathway.

Iron overload during the embryonic period develops hyperactive like behavior and dysregulation of biogenic amines in *Drosophila melanogaster*.

Role of inhibiting Chk1-p53 pathway in hepatotoxicity caused by chronic arsenic exposure from coal-burning.

Gallic acid ameliorates sodium arsenite-induced renal and hepatic toxicity in rats.

Unconjugated p-cresol activates macrophage macropinocytosis leading to increased LDL uptake.

[The Comparison of Iron Deficiency Anemia Rat Treated with Hydroxypropyl Chitosan Ferrous Ion Complex and Ferrous Sulfate].

Regulated hypothermia in response to endotoxin in birds.

[Aryl hydrocarbon receptor modulates airway inflammation in mice with cockroach allergen-induced asthma by regulating Th17/Treg differentiation].

TP53INP1 exerts neuroprotection under ageing and Parkinson's disease-related stress condition.

Multi-Nutrient Fortified Dairy-Based Drink Reduces Anaemia without Observed Adverse Effects on Gut Microbiota in Anaemic Malnourished Nigerian Toddlers: A Randomised Dose-Response Study.

Pathology of salivary gland dysfunction and restoration of function.

Associations among total p-cresylsulfate, indoxyl sulfate and hippuric acid levels with hemodialysis quality indicators in maintenance hemodialysis patients.

COPD-derived fibroblasts secrete higher levels of senescence-associated secretory phenotype proteins.

Coenzyme Q(10) protected against arsenite and enhanced the capacity of 2,3-dimercaptosuccinic acid to ameliorate arsenite-induced toxicity in mice.

2,4-Dinitrophenol overdose - Everything old is new again.

Occupation, occupational exposures and mammographic density in Spanish women.

Vitamin D improves pulmonary function in a rat model for congenital diaphragmatic hernia.

Thrombolome and Its Emerging Role in Chronic Kidney Diseases.

Iron Protein Succinylate in the Management of Iron Deficiency Anemia: A Comparative Study with Ferrous Sulphate at Low and High Therapeutic Doses.

Impact of congenital diaphragmatic hernia on diaphragm muscle function in neonatal rats.

Mitochondria exert age-divergent effects on recovery from spinal cord injury.

Assessment of fibrotic pathways induced by environmental chemicals using 3D-human liver microtissue model.

Cenobamate: Neuroprotective Potential of a New Antiepileptic Drug.

Attenuation of sodium arsenite-induced cardiotoxicity and neurotoxicity with the antioxidant, anti-inflammatory, and antiapoptotic effects of hesperidin.

The Role of Gut Bacterial Metabolites in Brain Development, Aging and Disease.

Mechanisms involved in the possible protective effect of chrysin against sodium arsenite-induced liver toxicity in rats.

Ameliorative role of bosentan, an endothelin receptor antagonist, against sodium arsenite-induced renal dysfunction in rats.

Inorganic arsenic-mediated upregulation of AS3MT promotes proliferation of nonsmall cell lung cancer cells by regulating cell cycle genes.

TCDD attenuates EAE through induction of FasL on B cells and inhibition of IgG production.

Novel tankyrase inhibitors suppress TDP-43 aggregate formation.

Profiling of human burned bones: oxidising versus reducing conditions.

Uraemic toxins impair skeletal muscle regeneration by inhibiting myoblast proliferation, reducing myogenic differentiation, and promoting muscular fibrosis.

The impact of dextran sodium sulphate and probiotic pre-treatment in a murine model of Parkinson's disease.

Amniotic fluid metabolic fingerprinting indicated metabolites which may play a role in the pathogenesis of foetal Down syndrome - a preliminary report.

Catalase deficiency induces reactive oxygen species mediated pexophagy and cell death in the liver during prolonged fasting.

P-cresol and Indoxyl Sulfate Impair Osteogenic Differentiation by Triggering Mesenchymal Stem Cell Senescence.

Epithelial cell-adhesion protein cadherin 26 is dysregulated in congenital diaphragmatic hernia and congenital pulmonary airway malformation.

Exposure to pollutants altered glucocorticoid signaling and clock gene expression in female mice. Evidence of tissue- and sex-specificity.

Co-exposure to nTiO₂ impairs arsenic metabolism and affects antioxidant capacity in the marine shrimp *Litopenaeus vannamei*.

Revising the Role of Cortical Cytoskeleton during Secretion: Actin and Myosin XI Function in Vesicle Tethering.

Somatic Embryo Yield and Quality From Norway Spruce Embryogenic Tissue Proliferated in Suspension Culture.

Transformation of Teosinte (*Zea mays ssp. parviglumis*) via Biolistic Bombardment of Seedling-Derived Callus Tissues.

The Promising Role of Chitosan-Poloxamer 188 Nanocrystals in Improving Diosmin Dissolution and Therapeutic Efficacy against Ferrous Sulfate-Induced Hepatic Injury in Rats.

The Improvement of the Adaptation Process of Tocopherol and Acetylsalicylic Acid in Offspring of Mothers Exposed to TCDD.

Suppression of apoptotic signaling in rat hepatocytes by non-dioxin-like polychlorinated biphenyls depends on the receptors CAR and PXR.

Endogenous regulation of the Akt pathway by the aryl hydrocarbon receptor (AhR) in lung fibroblasts.

The Effect of Daminozide, Dark/Light Schedule and Copper Sulphate in Tissue Culture of Triticum timopheevii.

Chronic Dietary Exposure of Roosters to a Glyphosate-Based Herbicide Increases Seminal Plasma Glyphosate and AMPA Concentrations, Alters Sperm Parameters, and Induces Metabolic Disorders in the Progeny.

Formation of Cytoplasmic Actin-Cofilin Rods is Triggered by Metabolic Stress and Changes in Cellular pH.

Developmental Toxicology of Metal Mixtures in Drosophila: Unique Properties of Potency and Interactions of Mercury Isoforms.

An electrochemical immunosensor for the detection of carcinoembryonic antigen based on Au/g-C(3)N(4) NSs-modified electrode and CuCo/CNC as signal tag.

A mixture of 15 phthalates and pesticides below individual chemical no observed adverse effect levels (NOAELs) produces reproductive tract malformations in the male rat.

Comparative Genotoxicity and Mutagenicity of Cigarette, Cigarillo, and Shisha Tobacco Products in Epithelial and Cardiac Cells.

Occurrence and risks of PCDD/Fs and PCBs in three raptors from North China.

Evaluation of Behavioral Changes and Tissue Damages in Common Carp (*Cyprinus carpio*) after Exposure to the Herbicide Glyphosate.

The correlation between the level of 3-hydroxypropyl mercapturic acid, CYP2B6 polymorphisms, and hematuria occurrences after cyclophosphamide administration and its bioanalytical methods: A systematic review.

Low-Dose Cyclophosphamide Induces Nerve Injury and Functional Overactivity in the Urinary Bladder of Rats.

An injectable anti-microbial and adhesive hydrogel for the effective noncompressible visceral hemostasis and wound repair.

Absence of prostacyclin greatly relieves cyclophosphamide-induced cystitis and bladder pain in mice.

Bone toxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and the retinoid system: A causality analysis anchored in osteoblast gene expression and mouse data.

Electro-conductive carbon nanofibers containing ferrous sulfate for bone tissue engineering.

Impact of whole-body versus nose-only inhalation exposure systems on systemic, respiratory, and cardiovascular endpoints in a 2-month cigarette smoke exposure study in the ApoE(-/-) mouse model.

ABA signalling promotes cell totipotency in the shoot apex of germinating embryos.

A Novel Supplement Attenuates Oxidative Stress-Induced TDP-43-Related Pathogenesis in TDP-43-Expressed Cells.

Variables Affecting Shoot Growth and Plantlet Recovery in Tissue Cultures of Drug-Type Cannabis sativa L.

[Vigilance against a highly lethal insecticide chlorfenapyr poisoning (report of 4 cases and literature review)].

ROCK1 Mediates Retinal Glial Cell Migration Promoted by Acrolein.

GDNF requires HIF-1 α and RET activation for suppression of programmed cell death of enteric neurons by metabolic challenge.

Borate and boric acid supplementation of drinking water alters teeth and bone mineral density and composition differently in rabbits fed a high protein and energy diet.

Endocrine disrupting chemicals and bone.

A Common Insecticide Induced-Oxidative Stress in Wistar Rats: Significance for Humans and Implications for Nutritional Modulation of Insecticide Toxicity.

Effect of paraquat on cytotoxicity involved in oxidative stress and inflammatory reaction: A review of mechanisms and ecological implications.

Pelargonic acid vanillylamide and rosuvastatin protect against oxidized low-density lipoprotein-induced endothelial dysfunction by inhibiting the NF- κ B/NLRP3 pathway and improving cell-cell junctions.

Impact of broad-spectrum pesticides used in the agricultural and forestry sector on the pesticide profile in wild boar, roe deer and deer and risk assessment for venison consumers.

P2X7 Receptor Blockade Protects Against Acrolein-Induced Bladder Damage: A Potential New Therapeutic Approach for the Treatment of Bladder Inflammatory Diseases.

Effects of Acute Diquat Poisoning on Liver Mitochondrial Apoptosis and Autophagy in Ducks.

Formulation and Characterization of a New Injectable Bone Substitute Composed PVA/Borax/CaCO₃ and Demineralized Bone Matrix.

Accumulation, transformation and subcellular distribution of arsenite associated with five carbon nanomaterials in freshwater zebrafish specific-tissues.

Fine particulate matter air pollution and aortic perivascular adipose tissue: Oxidative stress, leptin, and vascular dysfunction.

Arc1 and the microbiota together modulate growth and metabolic traits in Drosophila.

Neurons expressing the aryl hydrocarbon receptor in the locus coeruleus and island of Calleja major are novel targets of dioxin in the mouse brain.

Can kissing cause paraquat poisoning: A case report and review of literature.

Cigarette Smoke Containing Acrolein Upregulates EGFR Signaling Contributing to Oral Tumorigenesis In Vitro and In Vivo.

Determination of Pendimethalin Dynamic Residual Distribution in Crucian Carp Tissues and Associated Risk Assessment.

A mechanism linking perinatal 2,3,7,8 tetrachlorodibenzo-p-dioxin exposure to lower urinary tract dysfunction in adulthood.

Cell wall damage attenuates root hair patterning and tissue morphogenesis mediated by the receptor kinase STRUBBELIG.

Predicting consequences of POP-induced disruption of blubber glucose uptake, mass gain rate and thyroid hormone levels for weaning mass in grey seal pups.

Advancing continuous subcutaneous insulin infusion in vivo: New insights into tissue challenges.

Protective and therapeutic effect of hydrogen sulfide on hemorrhagic cystitis and testis dysfunction induced with cyclophosphamide.

Impacts of Sodium Arsenite on Wood Microbiota of Esca-Diseased Grapevines.

Glyphosate-Based Herbicides Alter the Reproductive Morphology of *Rosa acicularis* (Prickly Rose).

Injectable hydrogels based on oxidized alginate-gelatin reinforced by carbon nitride quantum dots for tissue engineering.

Pharmacokinetics of 2-phenoxyethanol and its major metabolite, phenoxyacetic acid, after dermal and inhaled routes of exposure: application to development PBPK model in rats.

Changes induced by chronic exposure to high arsenic concentrations in the intestine and its microenvironment.

Recombinant Expression of Thrombolytic Agent Reteplase in Marine Microalga *Tetraselmis subcordiformis* (Chlorodendrales, Chlorophyta).

Distribution and toxicity of persistent organic pollutants and methoxylated polybrominated diphenylethers in different tissues of the green turtle *Chelonia mydas*.

Targeted 1,3-dipolar cycloaddition with acrolein for cancer prodrug activation.

Uremic Toxins in Organ Crosstalk.

Flexibility of equine bioenergetics and muscle plasticity in response to different types of training: An integrative approach, questioning existing paradigms.

In vivo comet assay in rabbit corneal epithelial cells following ocular instillation with genotoxic compounds.

Atrazine Promoted Epithelial Ovarian Cancer Cells Proliferation and Metastasis by Inducing Low Dose Reactive Oxygen Species (ROS).

Borax-loaded injectable alginate hydrogels promote muscle regeneration in vivo after an injury.

PCB and TCDD derived embryonic cardiac defects result from a novel AhR pathway.

Effects of different hormonal treatments on growth parameters and secondary metabolite production in organ culture of *Hyssopus officinalis* L.

Direct and Indirect Somatic Embryogenesis Induction in *Camellia oleifera* Abel.

Experimental acute arsenic toxicity in Balb/c mice: organic markers and splenic involvement.

Detoxification of Reactive Aldehydes by Alda-1 Treatment Ameliorates Experimental Autoimmune Encephalomyelitis in Mice.

Reproductive Toxicity of 3,4-dichloroaniline (3,4-DCA) on Javanese Medaka (*Oryzias javanicus*, Bleeker 1854).

Adenosine Receptor and Its Downstream Targets, Mod(mdg4) and Hsp70, Work as a Signaling Pathway Modulating Cytotoxic Damage in *Drosophila*.

Opposing Effects of TGF β 2 and BMP in the Pulmonary Vasculature in Congenital Diaphragmatic Hernia.

Immune and Nervous Systems Interaction in Endocrine Disruptors Toxicity: The Case of Atrazine.

Saul-Wilson Syndrome Missense Allele Does Not Show Obvious Golgi Defects in a *C. elegans* Model.

HGF-Modified Dental Pulp Stem Cells Mitigate the Inflammatory and Fibrotic Responses in Paraquat-Induced Acute Respiratory Distress Syndrome.

Sodium arsenite induces spatial learning and memory impairment associated with oxidative stress and activates the Nrf2/PPAR γ 3 pathway against oxidative injury in mice hippocampus.

Occupational use of agrochemicals results in inhibited cholinesterase activity and altered reproductive hormone levels in male farmers from Buea, Cameroon.

Oxidative testicular injury: effect of L-leucine on redox, cholinergic and purinergic dysfunctions, and dysregulated metabolic pathways.

Novel phenylpyrimidine derivatives containing a hydrazone moiety protect rice seedlings from injury by metolachlor.

Effect of uncouplers of oxidative phosphorylation on metabolism of propionate in liver explants from dairy cows.

Super flexible, fatigue resistant, self-healing PVA/xylan/borax hydrogel with dual-crosslinked network.

Bach1 plays an important role in angiogenesis through regulation of oxidative stress.

Enlisting a Traditional Chinese Medicine to tune the gelation kinetics of a bioactive tissue adhesive for fast hemostasis or minimally invasive therapy.

Hybrid gelatin/oxidized chondroitin sulfate hydrogels incorporating bioactive glass nanoparticles with enhanced mechanical properties, mineralization, and osteogenic differentiation.

Beyond the Tip of the Blade: An Investigation of Upper Extremity Machete Injuries in Honduras.

Antioxidant effects of *Embllica officinalis* and *Zingiber officinalis* on arsenic and lead induced toxicity on Albino rats.

Organic pollutants in marine samples from Tunisian coast: Occurrence and associated human health risks.

Single Amino Acid Exchange in ACTIN2 Confers Increased Tolerance to Oxidative Stress in *Arabidopsis* *der1-3* Mutant.

Isolation of 4-hydroxy 3-methyl 2-butenyl 4-diphosphate reductase (ApHDR) gene of methyl erythritol diphosphate (MEP) pathway, in silico analysis and differential tissue specific ApHDR expression in *Andrographis paniculata* (Burm. f) Nees.

Design of epidermal growth factor immobilization on 3D biocompatible scaffolds to promote tissue repair and regeneration.

Cyclophosphamide arrhythmogenicity testing using human-induced pluripotent stem cell-derived cardiomyocytes.

Downregulation of epithelial DUOX1 in chronic obstructive pulmonary disease.

2,4-Dichlorophenoxyacetic Acid Poisoning Mimicking as Organophosphorus Poisoning.

Secondary Somatic Embryogenesis in *Centaurium erythraea* Rafn.

A bone regeneration strategy via dual delivery of demineralized bone matrix powder and hypoxia-pretreated bone marrow stromal cells using an injectable self-healing hydrogel.

Arsenic-induced HER2 promotes proliferation, migration and angiogenesis of bladder epithelial cells via activation of multiple signaling pathways in vitro and in vivo.

Identification of molecular toxicity pathways across early life-stages of zebrafish exposed to PCB126 using a whole transcriptomics approach.

Oxidative Stress and Lipid Mediators Modulate Immune Cell Functions in Autoimmune Diseases.

Protective effect of melatonin against herbicides-induced hepatotoxicity in rats.

Production of Doubled Haploid Embryos from Cork Oak Anther Cultures by Antimitotic Agents and Temperature Stress.

High levels of dioxins and PCBs in meat, fat and livers of free ranging pigs, goats, sheep and cows from the island of Curaçao.

Military service and related risk factors for amyotrophic lateral sclerosis.

Roundup causes embryonic development failure and alters metabolic pathways and gut microbiota functionality in non-target species.

A 90-day subchronic toxicity study of transgenic cotton expressing Cry1Ac, Cry2A and CP4-EPSPS proteins in Sprague-Dawley rats.

Integrated ecotoxicological assessment of the complex interactions between chlorpyrifos and glyphosate on a non-target species *Cnesterodon decemmaculatus* (Jenyns, 1842).

Glyphosate-based herbicide formulations and reproductive toxicity in animals.

Are glyphosate and glyphosate-based herbicides endocrine disruptors that alter female fertility?

[Atrazine changes meiosis and reduces spermatogenesis in male mice].

Effects of tacrolimus on the TGF β 1/SMAD signaling pathway in paraquat-exposed rat alveolar type II epithelial cells.

Reduction by, ligand exchange among, and covalent binding to glutathione and cellular thiols link metabolism and disposition of dietary arsenic species with toxicity.

Urinary crystal formation and urothelial effects of pyroxasulfone administered to male rats.

Octreotide alleviates pancreatic damage caused by paraquat in rats by reducing inflammatory responses and oxidative stress.

Toxicological impacts of herbicide paraquat dichloride on histological profile (gills, liver, and kidney) of freshwater fish *Channa punctatus* (Bloch).

Herbicide Glyphosate: Toxicity and Microbial Degradation.

Paraquat induces pulmonary fibrosis through Wnt/ β -catenin signaling pathway and myofibroblast differentiation.

Chronic exposure of human glioblastoma tumors to low concentrations of a pesticide mixture induced multidrug resistance against chemotherapy agents.

Role of the Hippo signaling pathway in safflower yellow pigment treatment of paraquat-induced pulmonary fibrosis.

Brain alterations in GABA, glutamate and glutamine markers after chronic atrazine exposure in the male albino rat.

Determination of arsenicals in mouse tissues after simulated exposure to arsenic from rice for sixteen weeks and the effects on histopathological features.

Orthotopic foetal lung tissue direct injection into lung showed a preventive effect against paraquat-induced acute lung injury in mice.

AhR-activating pesticides increase the bovine ABCG2 efflux activity in MDCKII-bABCG2 cells.

Evaluation of buccal damage associated with acute inhalation exposure to 2,4-dichlorophenoxyacetic acid (2,4-D) in mice.

Link between increased cellular senescence and extracellular matrix changes in COPD.

The enantioselective enrichment, metabolism, and toxicity of fenoxaprop-ethyl and its metabolites in zebrafish.

[Study on the protective effect and mechanism of somatostatin on renal injury in paraquat intoxicated mice].

Control of the neuroprotective Lipocalin Apolipoprotein D expression by alternative promoter regions and differentially expressed mRNA 5' UTR variants.

Emerging contaminants in water used for maize irrigation: Economic and food safety losses associated with ciprofloxacin and glyphosate.

Increased basal antioxidant levels in RCAN1 - deficient mice lowers oxidative injury after acute paraquat insult.

Exploration of therapeutic role of montelukast and dexamethasone combination against paraquat induced inhalational toxicity.

Osteonecrosis of Femoral Head, An Overlooked Long-Term Complication after Paraquat Intoxication: A Retrospective Cohort Study.

Exposure to a Glyphosate-based Herbicide Alters the Expression of Key Regulators of Mammary Gland Development on Pre-pubertal Male Rats.

Exposure to inorganic arsenic and its methylated metabolites alters metabolomics profiles in INS-1 832/13 insulinoma cells and isolated pancreatic islets.

Zebrafish (*Danio rerio*) ability to activate ABC transporters after exposure to glyphosate and its formulation Roundup Transorb®.

Atrazine induces penis abnormalities including hypospadias in mice.

[Effect of bone marrow mesenchymal stem cells on paraquat-induced pulmonary fibrosis in rats].

[The expression of Nrf2 in the lung tissue of rats with acute diquat poisoning and the distribution of diquat in lungs].

Environmental Pollution, Oxidative Stress and Thioretinaco Ozonide: Effects of Glyphosate, Fluoride and Electromagnetic Fields on Mitochondrial Dysfunction in Carcinogenesis, Atherogenesis and Aging.

Acrolein contributes to urothelial carcinomas in patients with chronic kidney disease.

Sub-chronic exposure to Kalach 360 SL, Glyphosate-based Herbicide, induced bone rarefaction in female Wistar rats.

Effects of parental exposure to glyphosate-based herbicides on embryonic development and oxidative status: a long-term experiment in a bird model.

Distinct m(6)A methylome profiles in poly(A) RNA from *Xenopus laevis* testis and that treated with atrazine.

Roundup-induced biochemical and histopathological changes in the liver and kidney of rats: the ameliorative effects of *Linum usitatissimum* oil.

Acrolein-induced apoptosis of smooth muscle cells through NEAT1-Bmal1/Clock pathway and a protection from asparagus extract.

Toxicity of the aquatic herbicide, reward[®], on the fathead minnow with pulsed-exposure proteomic profile.

Glyphosate-based herbicide induces hyperplastic ducts in the mammary gland of aging Wistar rats.

Primary hippocampal estrogenic dysfunction induces synaptic proteins alteration and neuronal cell death after single and repeated paraquat exposure.

A source of exogenous oxidative stress improves oxidative status and favors pheomelanin synthesis in zebra finches.

Female Preference and Adverse Developmental Effects of Glyphosate-Based Herbicides on Ecologically Relevant Traits in Japanese Quails.

MiR-130a-5p/Foxa2 axis modulates fetal lung development in congenital diaphragmatic hernia by activating the Shh/Gli1 signaling pathway.

The protective impact of Trans-Cinnamaldehyde (TCA) against the IL-1b induced inflammation in in vitro osteoarthritis model by regulating PI3K/AKT pathways.

Testosterone antagonizes paraquat-induced cardiomyocyte senescence via the mIGF-1/SIRT1 signaling pathway.

Amelioration of paraquat-induced pulmonary fibrosis in mice by regulating miR-140-5p expression with the fibrogenic inhibitor Xuebijing.

Interference of an atrazine commercial formulation with the endocrine control of ovarian growth exerted by the eyestalks.

Oxidative stress, histopathological alterations and anti-oxidant capacity in different tissues of largemouth bass (*Micropterus salmoides*) exposed to a newly developed sodium carbonate peroxyhydrate granular algaecide formulated with hydrogen peroxide.

Assessment of the effects of atrazine, dichlorodiphenyltrichloroethane, and dimethoate on freshwater fish (*Oreochromis mossambicus*): a case study of the A2 farmlands in Chiredzi, in the southeastern part of Zimbabwe.

A Synthetic Snake-Venom-Based Tripeptide Protects PC12 Cells from the Neurotoxicity of Acrolein by Improving Axonal Plasticity and Bioenergetics.

Involvement of ADAM10 in acrolein-induced astrocytic inflammation.

Magnesium supplementation ameliorates toxic effects of 2,4-dichlorophenoxyacetic acid in rat model.

Ischemic stroke disrupts the endothelial glycocalyx through activation of proHPSE via acrolein exposure.

Protective Effects of Cinnamaldehyde against Mesenteric Ischemia-Reperfusion-Induced Lung and Liver Injuries in Rats.

Cinnamaldehyde Inhibits the Function of Osteosarcoma by Suppressing the Wnt/ β -Catenin and PI3K/Akt Signaling Pathways.

Analysis of Acrolein Exposure Induced Pulmonary Response in Seven Inbred Mouse Strains and Human Primary Bronchial Epithelial Cells Cultured at Air-Liquid Interface.

Structural change and degradation of cytoskeleton due to the acrolein conjugation with vimentin and actin during brain infarction.

Cinnamaldehyde Attenuates the Progression of Rheumatoid Arthritis through Down-Regulation of PI3K/AKT Signaling Pathway.

Investigation of resistant level to tribenuron-methyl, diversity and regional difference of the resistant mutations on acetolactate synthase (ALS) isozymes in *Descurainia sophia* L. from China.

Effects of Cinnamon (*Cinnamomum* spp.) in Dentistry: A Review.

Cinnamaldehyde protects against rat intestinal ischemia/reperfusion injuries by synergistic inhibition of NF- κ B and p53.

MiADMSA ameliorate arsenic induced urinary bladder carcinogenesis in vivo and in vitro.

[Therapeutic effect of cinnamaldehyde on ulcerative colitis in mice induced by dextran sulfate sodium with *Candida albicans* colonization and its effect on dectin-1/TLRs/NF- κ B signaling pathway].

Cinnamaldehyde suppresses NLRP3 derived IL-1 β via activating succinate/HIF-1 in rheumatoid arthritis rats.

Cinnamaldehyde protects against oxidative stress and inhibits the TNF α -induced inflammatory response in human umbilical vein endothelial cells.

Cinnamaldehyde Inhibits Inflammation of Human Synoviocyte Cells Through Regulation of Jak/Stat Pathway and Ameliorates Collagen-Induced Arthritis in Rats.

Mechanisms of *Lolium rigidum* multiple resistance to ALS- and ACCase-inhibiting herbicides and their impact on plant fitness.

Ingestion of organic acids and cinnamaldehyde improves tissue homeostasis of piglets exposed to enterotoxigenic *Escherichia coli* (ETEC).

Assessing acrolein for determination of the severity of brain stroke, dementia, renal failure, and Sjögren's syndrome.

Transmission Electron Microscopy and Morphometry of the CNS White Matter.

Antifungal and Antimicrobial Trichothecene Sesquiterpenes from the Marine Algicolous Fungus *Trichoderma brevicompactum* A-DL-9-2.

Coupling Transcriptomics and Behaviour to Unveil the Olfactory System of *Spodoptera exigua* Larvae.

Antioxidant defense system in lettuce tissues upon various As species exposure.

Somatic embryogenesis from leaf tissues of macaw palm [*Acrocomia aculeata* (Jacq.) Lodd. ex Mart.].

Auxinic herbicide conjugates with an α -amino acid function: Structural requirements for biological activity on motor cells.

Arsenic fractionation in sediments and speciation in muscles of fish, *Chrysichthys nigrodigitatus* from a contaminated tropical Lagoon, Nigeria.

Evaluation of joint toxicity of heavy metals and herbicide mixtures in soils to earthworms (*Eisenia fetida*).

Understanding the Functional Impact of VOC-Ozone Mixtures on the Chemistry of RNA in Epithelial Lung Cells.

Different Roles of Auxins in Somatic Embryogenesis Efficiency in Two *Picea* Species.

Transient receptor potential ankyrin-1 causes rapid bronchodilation via nonepithelial PGE(2).

Disruption of cytochrome P450 enzymes in the liver and small intestine in chicken embryos in ovo exposed to glyphosate.

Direct and indirect effects of plant diversity and phenoxy herbicide application on the development and reproduction of a polyphagous herbivore.

Influence of eco-friendly phytotoxic metabolites from *Lasiodiplodia pseudotheobromae* C1136 on physiological, biochemical, and ultrastructural changes on tested weeds.

Maternal and Fetal Blood Pharmacokinetics and Organ Distribution of Atrazine, Propazine, Simazine, and Their Metabolites in Pregnant Rats After Chronic Oral Administration.

Rapamycin attenuates the paraquat-induced pulmonary fibrosis through activating Nrf2 pathway.

Acid-sensitive oxidative stress inducing and photoabsorbing polysaccharide nanoparticles for combinational anticancer therapy.

Loss of CNDP causes a shorter lifespan and higher sensitivity to oxidative stress in *Drosophila melanogaster*.

Cinnamaldehyde Enhanced Functional Recovery after Sciatic Nerve Crush Injury in Rats.

AggreCount: an unbiased image analysis tool for identifying and quantifying cellular aggregates in a spatially defined manner.

Comparative efficacy of Nano and Bulk Monoisoamyl DMSA against arsenic-induced neurotoxicity in rats.

ALS-Linked Mutant SOD1 Associates with TIA-1 and Alters Stress Granule Dynamics.

The ubiquitination and acetylation of histones are associated with male reproductive disorders induced by chronic exposure to arsenite.

Aryl hydrocarbon receptor (AHR)-mediated inflammation and resolution: Non-genomic and genomic signaling.

Catechol protects against iron-mediated oxidative brain injury by restoring antioxidative metabolic pathways; and modulation of purinergic and cholinergic enzymes activities.

IL-12p40 and sRAGE in serum correlate with chemically induced cleft palate in mice.

Bone tissue morphology of rat offspring lactationally exposed to polychlorinated biphenyl 169 and 155.

The sunflower TLDC-containing protein HaOXR2 confers tolerance to oxidative stress and waterlogging when expressed in maize plants.

Matching Minute Ventilation in Hypermetabolic State of Dinitrophenol Poisoning.

Reply: Matching Minute Ventilation in the Hypermetabolic State of Dinitrophenol Poisoning.

Chronic stress induces formation of stress granules and pathological TDP-43 aggregates in human ALS fibroblasts and iPSC-motoneurons.

Nephroprotective effects of chlorogenic acid against sodium arsenite-induced oxidative stress, inflammation, and apoptosis.

Thymoquinone protection against 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin induced nephrotoxicity in rats.

Quercetin may repair the impaired oxidant-antioxidant balance in 1, 2, 3, 4-tetrachlorodibenzo-p-dioxin induced cardiac injury in male rats.

Inflammation response after the cessation of chronic arsenic exposure and post-treatment of natural astaxanthin in liver: potential role of cytokine-mediated cell-cell interactions.

A competence of embryo-derived tissues of tetraploid cultivated wheat species *Triticum dicoccum* and *Triticum timopheevii* for efficient and stable transgenesis mediated by particle inflow gun.

Boron improves cardiac contractility and fibrotic remodeling following myocardial infarction injury.

Dexamethasone-Loaded Thermosensitive Hydrogel Suppresses Inflammation and Pain in Collagen-Induced Arthritis Rats.

Serum concentrations of pesticides including organophosphates, pyrethroids and neonicotinoids in a population with osteoarthritis in Saudi Arabia.

Effects of intrauterine exposure to 2,3',4,4',5-pentachlorobiphenyl on the reproductive system and sperm epigenetic imprinting of male offspring.

In vitro propagation of three mosaic disease resistant cassava cultivars.

Effects of p-Cresol on Senescence, Survival, Inflammation, and Odontoblast Differentiation in Canine Dental Pulp Stem Cells.

Arsenic induces dose-dependent structural and ultrastructural pathological remodeling in the heart of Wistar rats.

p-Cresol Sulfate Caused Behavior Disorders and Neurodegeneration in Mice with Unilateral Nephrectomy Involving Oxidative Stress and Neuroinflammation.

A Parkinson's disease CircRNAs Resource reveals a link between circSLC8A1 and oxidative stress.

The Succession of Flies of Forensic Importance Is Influenced by Volatiles Organic Compounds Emitted During the First Hours of Decomposition of Chicken Remains.

Rapid and visual detection of novel astroviruses causing fatal gout in goslings using one-step reverse transcription loop-mediated isothermal amplification.

Association of Serum Indoxyl Sulfate Levels with Skeletal Muscle Mass and Strength in Chronic Hemodialysis Patients: A 2-year Longitudinal Analysis.

Extracellular vesicles influence the pulmonary arterial extracellular matrix in congenital diaphragmatic hernia.

Cancer incidence in the vicinity of a waste incineration plant in the Nice area between 2005 and 2014.

Rosa persica hydroalcoholic extract improves cadmium-hepatotoxicity by modulating oxidative damage and tumor necrosis factor- α status.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and Polychlorinated Biphenyl Coexposure Alters the Expression Profile of MicroRNAs in the Liver Associated with Atherosclerosis.

TCDD promotes liver fibrosis through disordering systemic and hepatic iron homeostasis.

Single-cell RNA-seq Analysis Reveals That Prenatal Arsenic Exposure Results in Long-term, Adverse Effects on Immune Gene Expression in Response to Influenza A Infection.

Impact of pesticide exposure on adipose tissue development and function.

Pdgfr β -Cre mediated knockout of the aryl hydrocarbon receptor protects mice from high-fat diet induced obesity and hepatic steatosis.

Melatonin Suppresses Renal Cortical Fibrosis by Inhibiting Cytoskeleton Reorganization and Mitochondrial Dysfunction through Regulation of miR-4516.

Scavenging Intracellular ROS Attenuates p-Cresyl Sulfate-Triggered Osteogenesis through MAPK Signaling Pathway and NF- κ B Activation in Human Arterial Smooth Muscle Cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) alters hepatic polyunsaturated fatty acid metabolism and eicosanoid biosynthesis in female Sprague-Dawley rats.

Uremic Toxins and Vascular Dysfunction.

Therapeutic Targeting of Aristolochic Acid Induced Uremic Toxin Retention, SMAD 2/3 and JNK/ERK Pathways in Tubulointerstitial Fibrosis: Nephroprotective Role of Propolis in Chronic Kidney Disease.

Associations between functional polychlorinated biphenyls in adipose tissues and prognostic biomarkers of breast cancer patients.

Carboxymethyl-kappa-carrageenan: A study of biocompatibility, antioxidant and antibacterial activities.

Therapeutic potential of aryl hydrocarbon receptor ligands derived from natural products in rheumatoid arthritis.

Human Induced Pluripotent Stem Cell-Derived 3D-Neurospheres are Suitable for Neurotoxicity Screening.

Sonodynamically-induced Anticancer Effects of Polyethylene Glycol-Modified Carbon Nano Tubes.

Transgenerational epigenetic and transcriptomic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in rat.

Iron pill-induced duodenitis: A distinct pattern of duodenal mucosal injury in a patient with a duodenal mass.

Aryl hydrocarbon receptor nuclear translocators (ARNT1, ARNT2, and ARNT3) of white sturgeon (*Acipenser transmontanus*): Sequences, tissue-specific expressions, and response to 1²-naphthoflavone.

Low concentrations of sodium arsenite induce hepatotoxicity in prepubertal male rats.

A combination of monosodium glutamate and high-fat and high-fructose diets increases the risk of kidney injury, gut dysbiosis and host-microbial co-metabolism.

Metabolomic alternations of follicular fluid of obese women undergoing in-vitro fertilization treatment.

Lactobacillus salivarius BP121 prevents cisplatin-induced acute kidney injury by inhibition of uremic toxins such as indoxyl sulfate and p-cresol sulfate via alleviating dysbiosis.

Embelin impact on paraquat-induced lung injury through suppressing oxidative stress, inflammatory cascade, and MAPK/NF- κ B signaling pathway.

Cardioprotective role of metformin against sodium arsenite-induced oxidative stress, inflammation, and apoptosis.

Undernutrition combined with dietary mineral oil hastens depuration of stored dioxin and polychlorinated biphenyls in ewes. 2. Tissue distribution, mass balance and body burden.

Undernutrition combined with dietary mineral oil hastens depuration of stored dioxin and polychlorinated biphenyls in ewes. 1. Kinetics in blood, adipose tissue and faeces.

Role of Aryl Hydrocarbon Receptor Activation and Autophagy in Psoriasis-Related Inflammation.

Research into the intervention effect of folic acid on arsenic-induced heart abnormalities in fetal rats during the periconception period.

A Young Man with Accelerated Hyperthermia, Hypercapnia, and Profound Muscle Rigidity after Ingestion of a Weight Loss Agent.

Nucleation and kinetics of SOD1 aggregation in human cells for ALS1.

M2-like polarization of THP-1 monocyte-derived macrophages under chronic iron overload.

Nicotine exposure potentiates lung tumorigenesis by perturbing cellular surveillance.

Temporal and tissue-specific activation of aryl hydrocarbon receptor in discrete mouse models of kidney disease.

Dose addition in chemical mixtures inducing craniofacial malformations in zebrafish (*Danio rerio*) embryos.

PCB126 blocks the thermogenic beiging response of adipocytes.

Characterization of Glyceollins as Novel Aryl Hydrocarbon Receptor Ligands and Their Role in Cell Migration.

Chlorogenic acid prevents hepatotoxicity in arsenic-treated mice: role of oxidative stress and apoptosis.

Clinical and Lifestyle Factors and Risk of Amyotrophic Lateral Sclerosis: A Population-Based Case-Control Study.

Ginseng protein protects against mitochondrial dysfunction and neurodegeneration by inducing mitochondrial unfolded protein response in *Drosophila melanogaster* PINK1 model of Parkinson's disease.

Molecular and Cellular Mechanisms that Induce Arterial Calcification by Indoxyl Sulfate and P-Cresyl Sulfate.

Multiple distinct pathways lead to hyperubiquitylated insoluble TDP-43 protein independent of its translocation into stress granules.

[The use of retinoids to stimulate the regenerative process in trepanation cavity after "open" sanitizing surgery on the middle ear].

Denouement of Chemicals on Amyotrophic Lateral Sclerosis: Is Green Chemistry the Answer.

Quantitative Mass Spectrometric Assay of Whole and CNBr-Cleaved Amyloid- β Peptides in Human Brain.

Identification and Functional Analysis of RYR1 Variants in a Family with a Suspected Myopathy and Associated Malignant Hyperthermia.

Transfusion-Free Cranial Vault Remodeling: A Novel, Multifaceted Approach.

Physiologically based toxicokinetic models and in silico predicted partition coefficients to estimate tetrachlorodibenzo-p-dioxin transfer from feed into growing pigs.

Preliminary evaluation of fecal fatty acid concentrations in cats with chronic kidney disease and correlation with indoxyl sulfate and p-cresol sulfate.

Arsenic-induced immunomodulatory effects disorient the survival-death interface by stabilizing the Hsp90/Beclin1 interaction.

Ferric-Induced Pancreatic Injury Involves Exacerbation of Cholinergic and Proteolytic Activities, and Dysregulation of Metabolic Pathways: Protective Effect of Caffeic Acid.

Multi-residue analysis of 126 pesticides in chicken muscle by ultra-high-performance liquid chromatography coupled to quadrupole time-of-flight mass spectrometry.

Ferulic acid attenuates arsenic-induced cardiotoxicity in rats.

Quantitative seasonal variation of the faltarinol-type polyacetylene (3S)-16,17-didehydrofaltarinol and its spatial tissue distribution in *Tridax procumbens*.

TCDD inhibited the osteogenic differentiation of human fetal palatal mesenchymal cells through AhR and BMP-2/TGF- β ²/Smad signaling.

Skeletal toxicity resulting from exposure of growing male rats to coplanar PCB 126 is associated with disruption of calcium homeostasis and the GH-IGF-1 axis and direct effects on bone formation.

Comparing the Neuroprotective Effects of Caffeic Acid in Rat Cortical Slices and *Caenorhabditis elegans*: Involvement of Nrf2 and SKN-1 Signaling Pathways.

Naturally-derived diterpenoid sphaeropsidin C as an activator of Nrf2/ARE pathway and its potential capability of relieving intracellular oxidative stress in human lung epithelial cells.

In vitro effects of PNP and PNMC on apoptosis and proliferation in the hen ovarian stroma and prehierarchal follicles.

Involvement of metallothionein, homocysteine and B-vitamins in the attenuation of arsenic-induced uterine disorders in response to the oral application of hydro-ethanolic extract of *Moringa oleifera* seed: a preliminary study.

Responses of Intestinal Microbiota and Immunity to Increasing Dietary Levels of Iron Using a Piglet Model.

Chemistry inside a Porphyrin Skeleton: Platinacyclopentadiene from Tellurophene.

Oral mucosa changes associated with chronic oral and inhalation exposure to 2,4-dichlorophenoxyacetic acid (2,4-D) in Wistar rats.

The Effect of Radium-223 Therapy in Agent Orange-Related Prostate Carcinoma.

Telomeres as targets for the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and polychlorinated biphenyls (PCBs) in rats.

Effects of agricultural pesticides on the reproductive system of aquatic wildlife species, with crocodilians as sentinel species.

Impact of AHR Ligand TCDD on Human Embryonic Stem Cells and Early Differentiation.

Borax induces osteogenesis by stimulating NaBC1 transporter via activation of BMP pathway.

Fibrinolysis-resistant carbonylated fibrin detected in thrombi attached to the vascular wall of abdominal aortic aneurysms.

Advancements in Low-Chill Blueberry *Vaccinium corymbosum* L. Tissue Culture Practices.

Emerging contaminant 1,3,6,8-tetrabromocarbazole induces oxidative damage and apoptosis during the embryonic development of zebrafish (*Danio rerio*).

Spatial Outcomes of Soft Tissue Sarcoma in Southern West Virginia.

A Comprehensive Review on Source, Types, Effects, Nanotechnology, Detection, and Therapeutic Management of Reactive Carbonyl Species Associated with Various Chronic Diseases.

Urinary levels of the acrolein conjugates of carnosine are associated with inhaled toxicants.

Tissue- and Region-Specific Accumulation of Arsenic Species, Especially in the Brain of Mice, After Long-term Arsenite Exposure in Drinking Water.

Bioaccumulation of pesticide contaminants in tissue matrices of dogs suffering from malignant canine mammary tumors in Punjab, India.

Phytochemical Composition, Antioxidant Capacity, and Enzyme Inhibitory Activity in Callus, Somaclonal Variant, and Normal Green Shoot Tissues of *Catharanthus roseus* (L) G. Don.

The combination of multi-functional ingredients-loaded hydrogels and three-dimensional printed porous titanium alloys for infective bone defect treatment.

Behavioral Tests in Neurotoxin-Induced Animal Models of Parkinson's Disease.

Phytotoxicity, Morphological, and Metabolic Effects of the Sesquiterpenoid Nerolidol on *Arabidopsis thaliana* Seedling Roots.

A bioassay on tissue cholinesterase activity of *Rutilus kutum* (Kamensky, 1901) exposed to some common pesticides in Iran.

In vitro effects of selected endocrine disruptors (DEHP, PCB118, BPA) on narrow-clawed crayfish (*Astacus leptodactylus*) primary cells.

Collecting and Storing Hybridoma Tissue Culture Supernatants.

Method for detection of mtDNA damages for evaluating of pesticides toxicity for bumblebees (*Bombus terrestris* L.).

Functional analysis of newly identified RYR1 variants in patients susceptible to malignant hyperthermia.

TCDD-induced multi- and transgenerational changes in the methylome of male zebrafish gonads.

Separating the Empirical Wheat From the Pseudoscientific Chaff: A Critical Review of the Literature Surrounding Glyphosate, Dysbiosis and Wheat-Sensitivity.

Efficacy of Mushroom Metabolites (*Pleurotus ostreatus*) as A Natural Product for the Suppression of Broomrape Growth (*Orobancha crenata* Forsk) in Faba Bean Plants.

Correlation of polyamines, acrolein-conjugated lysine and polyamine metabolic enzyme levels with age in human liver.

Regulation of the Morphological and Physical Properties of a Soft Tissue Scaffold by Manipulating DD and DS of O-Carboxymethyl Chitin.

Dibenzoylthiamine Has Powerful Antioxidant and Anti-Inflammatory Properties in Cultured Cells and in Mouse Models of Stress and Neurodegeneration.

The in Vitro Antiplasmodial and Antiproliferative Activity of New Ferrocene-Based $\hat{\pm}$ -Aminocresols Targeting Hemozoin Inhibition and DNA Interaction.

Bicarbonate suppresses mitochondrial membrane depolarization induced by conventional uncouplers.

Formulation and Characterization of Alginate Dialdehyde, Gelatin, and Platelet-Rich Plasma-Based Bioink for Bioprinting Applications.

Production of ascorbic acid, total protein, callus and root in vitro of non-heading Chinese cabbage by tissue culture.

SVCT2-Dependent plasma and mitochondrial membrane transport of ascorbic acid in differentiating myoblasts.

Oxidative stress via the Maillard reaction is associated with the occurrence of internal browning in roots of sweetpotato (*Ipomoea batatas*).

Methods for simultaneous determination of legacy and insensitive munition (IM) constituents in aqueous, soil/sediment, and tissue matrices.

Over-gene expression in the apoptotic, oxidative damage and liver injure in female rats exposed to butralin.

Comprehensive two-dimensional gas chromatography thermodynamic modeling and selectivity evaluation for the separation of polychlorinated dibenzo-p-dioxins and dibenzofurans in fish tissue matrix.

The Morphoregulatory Role of Thidiazuron: Metabolomics-Guided Hypothesis Generation for Mechanisms of Activity.

Course of matrix metalloproteinase-1 and pulmonary oxygenation in acute respiratory distress syndrome caused by oral ingestion of large doses of oxadiazon/butachlor emulsion: a case report.

Induction of Callogenesis, Organogenesis, and Embryogenesis in Non-Meristematic Explants of Bleeding Heart and Evaluation of Chemical Diversity of Key Metabolites from Callus.

The Protective Effect of Xanthohumol on the Content of Selected Elements in the Bone Tissue for Exposed Japanese Quails to TCDD.

Development of support vector machine-based model and comparative analysis with artificial neural network for modeling the plant tissue culture procedures: effect of plant growth regulators on somatic embryogenesis of chrysanthemum, as a case study.

Net release and uptake of xenometabolites across intestinal, hepatic, muscle, and renal tissue beds in healthy conscious pigs.

Potentials and pitfalls of transient in vitro reporter bioassays: interference by vector geometry and cytotoxicity in recombinant zebrafish cell lines.

Biotransformation and oxidative stress responses in relation to tissue contaminant burden in *Clarias gariepinus* exposed to simulated leachate from a solid waste dumpsite in Calabar, Nigeria.

Kaempferol Protects Blood Vessels From Damage Induced by Oxidative Stress and Inflammation in Association With the Nrf2/HO-1 Signaling Pathway.

Severe chemical burns related to dermal exposure to herbicide containing glyphosate and glufosinate with surfactant in Korea.

Neuroprotection Against Parkinson's Disease Through the Activation of Akt/GSK3 β Signaling Pathway by Tovophyllin A.

Quantitative Proteomic Profiling of Mitochondrial Toxicants in a Human Cardiomyocyte Cell Line.

The regeneration of *Acer rubrum* L. "October Glory" through embryonic callus.

Tissue distribution, hormonal regulation, ontogeny, diurnal expression, and induction of mouse cystine transporters Slc3a1 and Slc7a9.

Dioxin-like and non-dioxin-like PCBs differentially regulate the hepatic proteome and modify diet-induced nonalcoholic fatty liver disease severity.

Review of Health Consequences of Electronic Cigarettes and the Outbreak of Electronic Cigarette, or Vaping, Product Use-Associated Lung Injury.

Effect of Oral Supplementation of Healthy Pregnant Sows with Sucrosomial Ferric Pyrophosphate on Maternal Iron Status and Hepatic Iron Stores in Newborn Piglets.

Regulation of Spermine Oxidase through Hypoxia-Inducible Factor-1 α Signaling in Retinal Glial Cells under Hypoxic Conditions.

Protective effects of taurine against muscle damage induced by diquat in 35-day weaned piglets.

The aryl hydrocarbon receptor mediates sex ratio distortion in the embryos sired by TCDD-exposed male mice.

Circulating oxidized LDL, increased in patients with acute myocardial infarction, is accompanied by heavily modified HDL.

Determination of adenosine phosphates in mouse myocardium tissue by HPLC with UV detection and using porous graphite carbon column.

Sytoplasmic isolation marks cell fate changes during somatic embryogenesis.

Evaluation of potential human health risk associated with consumption of edible products from livestock fed ration supplemented with Red Lake Diatomaceous Earth.

Skeletal Toxicity of Coplanar Polychlorinated Biphenyl Congener 126 in the Rat Is Aryl Hydrocarbon Receptor Dependent.

Chronic arsenic exposure impairs adaptive thermogenesis in male C57BL/6J mice.

Compositional profiles, persistency and toxicity of polychlorinated naphthalene (PCN) congeners in edible cod liver products from 1972 to 2017.

Exposure effects of iron oxide nanoparticles and iron salts in blackfish (*Capoeta fusca*): Acute toxicity, bioaccumulation, depuration, and tissue histopathology.

P-cresol Alters Brain Dopamine Metabolism and Exacerbates Autism-Like Behaviors in the BTBR Mouse.

Dioxin male rat reproductive toxicity mode of action and relative potency of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,7,8-tetrachlorodibenzofuran characterized by fetal pituitary and testis transcriptome profiling.

Effect of α -lipoic acid on spatial memory and structural integrity of developing hippocampal neurons in rats subjected to sodium arsenite exposure.

High-Sensitivity Detection of the Lung Cancer Biomarker CYFRA21-1 in Serum Samples Using a Carboxyl-MoS₂ Functional Film for SPR-Based Immunosensors.

Arsenic induces platelet shape change through altering focal adhesion kinase-mediated actin dynamics, contributing to increased platelet reactivity.

Cigarette smoke extract induces ferroptosis in vascular smooth muscle cells.

Deep eutectic solvents skeleton typed molecularly imprinted chitosan microsphere coated magnetic graphene oxide for solid-phase microextraction of chlorophenols from environmental water.

Uncovering pathophysiological changes in frontotemporal dementia using serum lipids.

Early Neurotoxic Effects of Inorganic Arsenic Modulate Cortical GSH Levels Associated With the Activation of the Nrf2 and NF κ B Pathways, Expression of Amino Acid Transporters and NMDA Receptors and the Production of Hydrogen Sulfide.

Current Perspectives on the Auxin-Mediated Genetic Network that Controls the Induction of Somatic Embryogenesis in Plants.

Plant tissue analysis as a tool for predicting fertiliser needs for low cyanogenic glucoside levels in cassava roots: An assessment of its possible use.

The Arabidopsis receptor kinase STRUBBELIG regulates the response to cellulose deficiency.

High frequency in vitro regeneration of adventitious shoots in daylilies (*Hemerocallis* sp) stem tissue using thidiazuron.

High resolution respirometry to assess function of mitochondria in native homogenates of human heart muscle.

In-Vivo Optical Monitoring of the Efficacy of Epidermal Growth Factor Receptor Targeted Photodynamic Therapy: The Effect of Fluence Rate.

Arsenic and smokeless tobacco exposure induces DNA damage and oxidative stress in reproductive organs of female Swiss albino mice.

Species and termination method effects on phosphorus loss from plant tissue.

Curcumin Attenuates Acrolein-induced COX-2 Expression and Prostaglandin Production in Human Umbilical Vein Endothelial Cells.

Protection against Mitochondrial Oxidative-Stress by Flesh-Extract of Edible Freshwater Snail *Bellamya bengalensis* Prevents Arsenic Induced DNA and Tissue Damage.

Metabolic switch in energy metabolism mediates the sublethal effects induced by glyphosate-based herbicide on tadpoles of a farmland frog *Microhyla fissipes*.

Adipocyte epigenetic alterations and potential therapeutic targets in transgenerationally inherited lean and obese phenotypes following ancestral exposures.

Sub-chronic exposure to Kalach 360 SL-induced damage in rats' liver and hematological system.

Diosmin ameliorative effects on oxidative stress and fibrosis in paraquat-induced lung injury in mice.

Single and joint effects of chronic exposure to chlorpyrifos and glyphosate based pesticides on structural biomarkers in *Cnesterodon decemmaculatus*.

Investigation of comet assays under conditions mimicking ocular instillation administration in a three-dimensional reconstructed human corneal epithelial model.

Dung Beetle Body Condition: A Tool for Disturbance Evaluation in Contaminated Pastures.

Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels.

Cardiotoxicity of forchlorfenuron (CPPU) in zebrafish (*Danio rerio*) and H9c2 cardiomyocytes.

Metformin Activates the Protective Effects of the AMPK Pathway in Acute Lung Injury Caused by Paraquat Poisoning.

Imbalances in the male reproductive function of the estuarine crab *Neohelice granulata*, caused by glyphosate.

Effects of egg exposure to atrazine and/or glyphosate on bone development in *Podocnemis unifilis* (Testudines, Podocnemididae).

Decrease in Butyrylcholinesterase Accompanied by Intermediate-like Syndrome after Massive Ingestion of a Glyphosate-surfactant.

Hepatoprotective effect of N-acetylcystein loaded niosomes on liver function in paraquat-induced acute poisoning.

Tolerance of native and invasive bivalves under herbicide and metal contamination: an ex vivo approach.

Hemotoxic effects of some herbicides on juvenile of Nile tilapia *Oreochromis niloticus*.

Strength of methods assessment for aquatic primary producer toxicity data: A critical review of atrazine studies from the peer-reviewed literature.

Identification of miRNA-7 as a regulator of brain-derived neurotrophic factor/ β -synuclein axis in atrazine-induced Parkinson's disease by peripheral blood and brain microRNA profiling.

Overlapping and unique toxic effects of three alternative antifouling biocides (Diuron, Irgarol 1051[®]), Sea-Nine 211[®]) on non-target marine fish.

Protective mechanism of 1-methylhydantoin against lung injury induced by paraquat poisoning.

Melatonin protects against Fenoxaprop-ethyl exposure-induced meiotic defects in mouse oocytes.

Roundup[®] confers cytotoxicity through DNA damage and Mitochondria-Associated apoptosis induction.

Maternal glyphosate-based herbicide exposure alters antioxidant-related genes in the brain and serum metabolites of male rat offspring.

Subacute acrolein exposure to rat larynx in vivo.

[Protective effects of oligomeric proanthocyanidins in mice exposed to paraquat].

Alleviation of atrazine toxicity to maize seedlings grown in soils with amendment of biochar derived from wheat under different temperatures.

Cardiotoxicity in African clawed frog (*Xenopus laevis*) sub-chronically exposed to environmentally relevant atrazine concentrations: Implications for species survival.

Effects of ecologically relevant concentrations of Boral[®] 500 SC, Glifosato[®] Biocarb, and a blend of both herbicides on markers of metabolism, stress, and nutritional condition factors in bullfrog tadpoles.

Inhibition of dendritic spine extension through acrolein conjugation with β -, γ -tubulin proteins.

Validating buccal swabbing as a minimal-invasive method to detect pesticide exposure in squamate reptiles.

Activation of the N-methyl-d-aspartate receptor is involved in glyphosate-induced renal proximal tubule cell apoptosis.

Reduning injection ameliorates paraquat-induced acute lung injury by regulating AMPK/MAPK/NF- κ B signaling.

Detoxification, Apoptosis, and Immune Transcriptomic Responses of the Gill Tissue of Bay Scallop Following Exposure to the Algicide Thiazolidinedione 49.

Mechanisms behind the atherothrombotic effects of acrolein, a review.

Parkinsonism Relating to Intoxication with Glyphosate.

Toxicological effects of anthropogenic activities in *Geophagus brasiliensis* from a coastal river of southern Brazil: A biomarker approach.

Inhibition of mesenchymal stromal cells' chemotactic effect to ameliorate paraquat-induced pulmonary fibrosis.

Metabolic response of bacteria to elevated concentrations of glyphosate-based herbicide.

Impacts of S-metolachlor and terbuthylazine in fatty acid and carbohydrate composition of the benthic clam *Scrobicularia plana*.

Inflammatory Effects of Subacute Exposure of Roundup in Rat Liver and Adipose Tissue.

[Doxycycline inhibits paraquat-induced pulmonary fibrosis via TGF- β 1/Smad pathway].

Rosiglitazone attenuates paraquat-induced lung fibrosis in rats in a PPAR gamma-dependent manner.

Toxicity of diuron in HepG2 cells and zebrafish embryos.

The effects of arsenic speciation on accumulation and toxicity of dietborne arsenic exposures to rainbow trout.

Developmental and epigenetic effects of Roundup and glyphosate exposure on Japanese medaka (*Oryzias latipes*).

Histopathological and ultrastructural indices for the assessment of glyphosate-based herbicide cytotoxicity in decapod crustacean hepatopancreas.

Paraquat Exposure Increases Oxidative Stress Within the Dorsal Striatum of Male Mice With a Genetic Deficiency in One-carbon Metabolism.

The Alexipharmic Mechanisms of Five Licorice Ingredients Involved in CYP450 and Nrf2 Pathways in Paraquat-Induced Mice Acute Lung Injury.

Melittin Exerts Beneficial Effects on Paraquat-Induced Lung Injuries In Mice by Modifying Oxidative Stress and Apoptosis.

TLR3 is involved in paraquat-induced acute renal injury.

The MEK/ERK/CREB signaling pathway is involved in atrazine induced hippocampal neurotoxicity in Sprague Dawley rats.

Mesenchymal Stem Cells Alleviate Acute Lung Injury and Inflammatory Responses Induced by Paraquat Poisoning.

Role of bone marrow mesenchymal stem cells in the development of PQ-induced pulmonary fibrosis.

Antioxidant and cytoprotective effects of N-acetylcysteine against subchronic oral glyphosate-based herbicide-induced oxidative stress in rats.

The effects of glyphosate-based herbicide formulations on *Lemna minor*, a non-target species.

Demonstrating the need for chemical exposure characterisation in a microplate test system: toxicity screening of sixteen pesticides on two marine microalgae.

Maternal residential exposure to specific agricultural pesticide active ingredients and birth defects in a 2003-2005 North Carolina birth cohort.

The Critical Role of X Chromosome-Linked Inhibitor of Apoptosis (XIAP) in Differential Synergism Induced by Pentachlorophenol and Copper-1,10-Phenanthroline Complex in Normal and Cancer Liver Cells.

The Impact of Agent Orange Exposure on Prostate Cancer Outcomes.

Ochrobactrum cytisi IPA7.2 promotes growth of potato microplants and is resistant to abiotic stress.

Enantiomeric impacts of two amide chiral herbicides on *Echinochloa crus-galli* physiology and gene transcription.

Herbicidal Ionic Liquids Containing the Acetylcholine Cation.

Setal-epidermal, muscular and enzymatic anomalies induced by certain agrochemicals in the earthworm *Eudrilus eugeniae* (Kinberg).

Toxicological impact of oxyfluorfen 24% herbicide on the reproductive system, antioxidant enzymes, and endocrine disruption of *Biomphalaria alexandrina* (Ehrenberg, 1831) snails.

Hepatotoxicity and reproductive disruption in male lizards (*Eremias argus*) exposed to glufosinate-ammonium contaminated soil.

Fenoxaprop-ethyl affects mouse oocyte quality and the underlying mechanisms.

Analysis of Acrolein-Derived 1, N(2)-Propanodeoxyguanosine Adducts in Human Lung DNA from Smokers and Nonsmokers.

Ligustrazin increases lung cell autophagy and ameliorates paraquat-induced pulmonary fibrosis by inhibiting PI3K/Akt/mTOR and hedgehog signalling via increasing miR-193a expression.

Aspirin-triggered resolvin D1 alleviates paraquat-induced acute lung injury in mice.

Effects of AT-RvD1 on paraquat-induced acute renal injury in mice.

Adverse effects of acrolein, a ubiquitous environmental toxicant, on muscle regeneration and mass.

Antioxidant activities of *Moringa oleifera* leaf extract against pendimethalin-induced oxidative stress and genotoxicity in Nile tilapia, *Oreochromis niloticus* (L.).

Protective and anti-inflammatory effects of hydroalcoholic leaf extract of *Origanum vulgare* on oxidative stress, TNF- α gene expression and liver histological changes in paraquat-induced hepatotoxicity in rats.

Environmental Control of Astrocyte Pathogenic Activities in CNS Inflammation.

Using mathematical modeling to infer the valence state of arsenicals in tissues: A PBPK model for dimethylarsinic acid (DMA(V)) and dimethylarsinous acid (DMA(III)) in mice.

Evaluation of the cytotoxic effects of glyphosate herbicides in human liver, lung, and nerve.

Dual drug-loaded cubic liquid crystal gels for transdermal delivery: inner structure and percutaneous mechanism evaluations.

Effect of Fenofibrate on the Expression of Inflammatory Mediators in a Diabetic Rat Model.

Evaluation of relaxant responses properties of cinnamon essential oil and its major component, cinnamaldehyde on human and rat corpus cavernosum.

Clock-Bmal1 mediates MMP9 induction in acrolein-promoted atherosclerosis associated with gut microbiota regulation.

Cinnamaldehyde attenuates atherosclerosis via targeting the $\text{I}\hat{\text{I}}^{\text{B}}/\text{NF-}\hat{\text{I}}^{\text{B}}$ signaling pathway in high fat diet-induced ApoE(-/-) mice.

The relationship between acrolein and oxidative stress in COPD: in systemic plasma and in local lung tissue.

Cinnamaldehyde Ameliorates High-Glucose-Induced Oxidative Stress and Cardiomyocyte Injury Through Transient Receptor Potential Ankyrin 1.

Acrolein-mediated alpha-synuclein pathology involvement in the early post-injury pathogenesis of mild blast-induced Parkinsonian neurodegeneration.

Anti-oxidant and anti-inflammatory effects of cinnamaldehyde and eugenol on mononuclear cells of rheumatoid arthritis patients.

Tetramethylrhodamine is an essential scaffold of azide probe in detecting cellular acrolein.

trans-Cinnamaldehyde mitigated intestinal inflammation induced by *Cronobacter sakazakii* in newborn mice.

Trans-Cinnamaldehyde Inhibits IL-1 $\hat{\text{I}}^2$ -Stimulated Inflammation in Chondrocytes by Suppressing NF- $\hat{\text{I}}^{\text{B}}$ and p38-JNK Pathways and Exerts Chondrocyte Protective Effects in a Rat Model of Osteoarthritis.

Combined treatment with 2'-hydroxycinnamaldehyde and temozolomide suppresses glioblastoma tumorspheres by decreasing stemness and invasiveness.

Activation of Nrf2 attenuates delayed gastric emptying in obesity induced diabetic (T2DM) female mice.

Cinnamaldehyde regulates H₂O₂-induced skeletal muscle atrophy by ameliorating the proteolytic and antioxidant defense systems.

Topical Application of Cinnamaldehyde Promotes Faster Healing of Skin Wounds Infected with *Pseudomonas aeruginosa*.

On the Use of Hair Analysis for Assessing Arsenic Intoxication.

Protective effects of febuxostat against paraquat-induced lung toxicity in rats: Impact on RAGE/PI3K/Akt pathway and downstream inflammatory cascades.

Acid-responsive nanoparticles as a novel oxidative stress-inducing anticancer therapeutic agent for colon cancer.

Cinnamaldehyde and eugenol attenuates collagen induced arthritis via reduction of free radicals and pro-inflammatory cytokines.

Suppression of miR-21 and miR-155 of macrophage by cinnamaldehyde ameliorates ulcerative colitis.

Cinnamaldehyde ameliorates STZ-induced rat diabetes through modulation of IRS1/PI3K/AKT2 pathway and AGEs/RAGE interaction.

Combined treatment with Cinnamaldehyde and \hat{I}^2 -TCP had an additive effect on bone formation and angiogenesis in critical size calvarial defect in ovariectomized rats.

Temporal and spatial changes of peroxiredoxin 2 levels in aortic media at very early stages of atherosclerotic lesion formation in apoE-knockout mice.

Assessment of hematological, hepato-renal, antioxidant, and hormonal responses of *Clarias gariepinus* exposed to sub-lethal concentrations of oxyfluorfen.

Auxin protects *Arabidopsis thaliana* cell suspension cultures from programmed cell death induced by the cellulose biosynthesis inhibitors thaxtomin A and isoxaben.

Short-chain lipid peroxidation products form covalent adducts with pyruvate kinase and inhibit its activity in vitro and in breast cancer cells.

The miR396-GRF Regulatory Module Controls the Embryogenic Response in *Arabidopsis* via an Auxin-Related Pathway.

Unsaturated Aldehyde Acrolein Promotes Retinal Glial Cell Migration.

Forkhead box O3 protects the heart against paraquat-induced aging-associated phenotypes by upregulating the expression of antioxidant enzymes.

Speciation transformation of arsenic in abalone viscera hydrolysate fraction: In vitro digestion and in vivo metabolism.

2,4-D causes oxidative stress induction and apoptosis in human dental pulp stem cells (hDPSCs).

Bioavailability and metabolism in a soil-crop system compared using DGT and conventional extraction techniques.

Metabolism and disposition of arsenic species from controlled dosing with dimethylarsinic acid (DMA(V)) in adult female CD-1 mice. V. Toxicokinetic studies following oral and intravenous administration.

Antifungal activity and Shore A hardness of a tissue conditioner incorporated with terpinen-4-ol and cinnamaldehyde.

Impairment of testicular function in electronic cigarette (e-cig, e-cigs) exposed rats under low-voltage and nicotine-free conditions.

Nepetalactone-rich essential oil mitigates phosphinothricin-induced ammonium toxicity in *Arabidopsis thaliana* (L.) Heynh.

Diquat Determines a Deregulation of lncRNA and mRNA Expression in the Liver of Postweaned Piglets.

Detection of glyphosate and its metabolites in food of animal origin based on ion-chromatography-high resolution mass spectrometry (IC-HRMS).

In situ colorimetric detection of glyphosate on plant tissues using cysteamine-modified gold nanoparticles.

Lignan and flavonoid support the prevention of cinnamon against oxidative stress related diseases.

Effects of Cinnamaldehyde on Smooth Muscle Preparations.

Multidrug resistance of the extended-spectrum beta-lactamase-producing *Klebsiella pneumoniae* isolated in Tizi-Ouzou (Algeria).

Serum Proteomic Profiling Analysis of Rats Chronically Exposed to Arsenic.

Aryl hydrocarbon receptor pathway: Role, regulation and intervention in atherosclerosis therapy (Review).

Disease modifying mitochondrial uncouplers, MP101, and a slow release ProDrug, MP201, in models of Multiple Sclerosis.

First steps in the development of a liquid biopsy in situ hybridization protocol to determine circular RNA biomarkers in rat biofluids.

Simultaneous quantification of estrogens and glucocorticoids in human adipose tissue by liquid-chromatography-tandem mass spectrometry.

2,3,7,8-Tetrachlorodibenzo-p-dioxin Induces Vascular Dysfunction That is Dependent on Perivascular Adipose and Cytochrome P4501A1 Expression.

Plasma Metabolic Profiling Analysis of Gout Party on Acute Gout Arthritis Rats Based on UHPLC-Q-TOF/MS Combined with Multivariate Statistical Analysis.

(11)C-Labeled Pictilisib (GDC-0941) as a Molecular Tracer Targeting Phosphatidylinositol 3-Kinase (PI3K) for Breast Cancer Imaging.

Subcutaneous Injection of Drugs: Literature Review of Factors Influencing Pain Sensation at the Injection Site.

Exosomal MALAT1 derived from hepatic cells is involved in the activation of hepatic stellate cells via miRNA-26b in fibrosis induced by arsenite.

Increase of core temperature affected the progression of kidney injury by repeated heat stress exposure.

Associations between persistent organic pollutants and risk of breast cancer metastasis.

Plasma levels of polychlorinated biphenyls (PCB) and the risk of soft tissue sarcoma.

The Colonization of Necrophagous Larvae Accelerates the Decomposition of Chicken Carcass and the Emission of Volatile Attractants for Blowflies (Diptera: Calliphoridae).

In Vitro and In Vivo Evaluations of Mesoporous Iron Particles for Iron Bioavailability.

Epigenetic Activation of BRCA1 by Genistein In Vivo and Triple Negative Breast Cancer Cells Linked to Antagonism toward Aryl Hydrocarbon Receptor.

Epidemic of Chronic Kidney Disease of Nontraditional Etiology in El Salvador: Integrated Health Sector Action and South-South Cooperation.

Occupational Health and Safety in the Palm Oil Industry: A Systematic Review.

Metal-induced nephrotoxicity to diabetic and non-diabetic Wistar rats.

Impaired intestinal barrier function in a mouse model of hyperuricemia.

NEAT1 is overexpressed in Parkinson's disease substantia nigra and confers drug-inducible neuroprotection from oxidative stress.

Borax Alleviates Copper-Induced Renal Injury via Inhibiting the DNA Damage and Apoptosis in Rainbow Trout.

[Down-regulation of miR-381-3p inhibits osteogenic differentiation of mouse embryonic palatal mesenchymal cells in 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin-induced cleft palate of fetal mice].

Assessment of the carcinogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin using mouse embryonic stem cells to form teratoma in vivo.

Circular RNA TLK1 Aggravates Neuronal Injury and Neurological Deficits after Ischemic Stroke via miR-335-3p/TIPARP.

Tissue-Specific Peculiarities of Vibration-Induced Hypoxia in Rabbit Liver and Kidney.

Effects of 2,3',4,4'5-pentachlorobiphenyl exposure during pregnancy on epigenetic imprinting and maturation of offspring's oocytes in mice.

Gene expression and DNA methylation regulation of arsenic in mouse bladder tissues and in human urothelial cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin promotes injury-induced vascular neointima formation in mice.

Aryl Hydrocarbon Receptor Signaling Prevents Activation of Hepatic Stellate Cells and Liver Fibrogenesis in Mice.

Can contamination of the environment by dioxins cause craniofacial defects?

Dietary CCPS from bitter melon attenuates sodium arsenite induced female reproductive ailments cum infertility in wistar rats: anti-inflammatory and anti-apoptotic role.

An All-Organic Semiconductor C(3) N(4) /PDINH Heterostructure with Advanced Antibacterial Photocatalytic Therapy Activity.

The uremic toxin p-cresol promotes the invasion and migration on carcinoma cells via Ras and mTOR signaling.

Effects of Aryl Hydrocarbon Receptor Deficiency on PCB-77-Induced Impairment of Glucose Homeostasis during Weight Loss in Male and Female Obese Mice.

Antioxidant, immunomodulatory, oxidative stress inhibitory and iron supplementation effect of Astragalus membranaceus polysaccharide-iron (III) complex on iron-deficiency anemia mouse model.

ETIOSARC study : environmental aetiology of sarcomas from a French prospective multicentric population-based case-control study-study protocol.

Involvement of proinflammatory cytokines and metallothionein in the repairing of arsenic-mediated uterine tissue damage by curcumin.

[Effect of electroacupuncture at "Jiaji" (EX-B 2) points combined with nerve mobilization on motor function and mRNA and protein expression of RhoA in rabbits with sciatic nerve injury].

Extragenital cutaneous warts - clinical presentation, diagnosis and treatment.

Regeneration and evaluation of somaclones of sugarcane variety Co86032 for yellow leaf disease resistance and yield traits.

ITE, an endogenous aryl hydrocarbon receptor ligand, suppresses endometrial cancer cell proliferation and migration.

Role of dantrolene in dinitrophenol (DNP) overdose: A continuing question?

Arsenic and sulfur dioxide co-exposure induce renal injury via activation of the NF- κ B and caspase signaling pathway.

3-Methylcholanthrene Induces Chylous Ascites in TCDD-Inducible Poly-ADP-Ribose Polymerase (Tiparp) Knockout Mice.

[Expression of gamma-aminobutyric acid type A receptor beta3 subunit in murine cleft palate induced by 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin].

Chronic Interstitial Nephritis in Agricultural Communities (CINAC) in Sri Lanka.

Rescue of degenerating neurons and cells by stem cell released molecules: using a physiological renormalization strategy.

Pulmonary hypertension secondary to congenital diaphragmatic hernia: factors and pathways involved in pulmonary vascular remodeling.

Aromatic hydrocarbon receptor provides a link between smoking and rheumatoid arthritis in peripheral blood mononuclear cells.

RYR1 Sequence Variants in Myopathies: Expression and Functional Studies in Two Families.

p38 mitogen activated protein kinase mediates cardiac Na(+)/H(+) exchanger inhibition induced by Sildenafil.

Anti-MUC1 Aptamer as Carrier Tool of the Potential Radiosensitizer 1,10 Phenanthroline in MCF-7 Breast Cancer Cells.

Mangiferin alleviates arsenic induced oxidative lung injury via upregulation of the Nrf2-HO1 axis.

Role of thymoquinone and ebselen in the prevention of sodium arsenite-induced nephrotoxicity in female rats.

Arsenic induces fibrogenic changes in human kidney epithelial cells potentially through epigenetic alterations in DNA methylation.

PCB 126 induces monocyte/macrophage polarization and inflammation through AhR and NF- κ B pathways.

Nrf2 deficiency aggravates the increase in osteoclastogenesis and bone loss induced by inorganic arsenic.

A novel target for the promotion of dermal wound healing: Ryanodine receptors.

Iron Oversupplementation Causes Hippocampal Iron Overloading and Impairs Social Novelty Recognition in Nursing Piglets.

Bioluminescence imaging of Arc expression in mouse brain under acute and chronic exposure to pesticides.

Enhanced PAPSS2/VCAN sulfation axis is essential for Snail-mediated breast cancer cell migration and metastasis.

Sodium arsenite exposure impairs B cell proliferation and enhances vascular inflammation in Plasmodium berghei mouse model.

Mitochondrial Impairment in Oligodendroglial Cells Induces Cytokine Expression and Signaling.

Expression of Nitric Oxide Synthase Interacting Protein (NOSIP) is Decreased in the Pulmonary Vasculature of Nitrofen-Induced Congenital Diaphragmatic Hernia.

The protective effect exerted by dietary borax on toxicity metabolism in rainbow trout (*Oncorhynchus mykiss*) tissues.

Stars Are Not in Outer Space: Astrocytes Respond to Environmental Cues.

Sodium Arsenite Inhibits Lung Fibroblast Differentiation and Pulmonary Fibrosis.

Biochanin A prevents 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced adipocyte dysfunction in cultured 3T3-L1 cells.

Exposure to environmental concentrations of hexachlorobenzene induces alterations associated with endometriosis progression in a rat model.

Endoplasmic reticulum stress response is activated in pulmonary hypoplasia secondary to congenital diaphragmatic hernia, but is decreased by administration of amniotic fluid stem cells.

Metabolism and disposition of arsenic species from oral dosing with sodium arsenite in neonatal CD-1 mice. IV. Toxicokinetics following gavage administration and lactational transfer.

Circulating miR-421 Targeting Leucocytic Angiotensin Converting Enzyme 2 Is Elevated in Patients with Chronic Kidney Disease.

Moderate Renal Impairment and Toxic Metabolites Produced by the Intestinal Microbiome: Dietary Implications.

Ameliorative effects of crocin on paraquat-induced oxidative stress in testis of adult mice: An experimental study.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Disrupts Control of Cell Proliferation and Apoptosis in a Human Model of Adult Liver Progenitors.

Catalpol protects against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cytotoxicity in osteoblastic MC3T3-E1 cells.

Loss of Tiparp Results in Aberrant Layering of the Cerebral Cortex.

Coupling the Patern²-B^{1/2}chi (PB) Reaction With Mass Spectrometry to Study Unsaturated Fatty Acids in Mouse Model of Multiple Sclerosis.

Dietary Supplementation With Citrus Extract Altered the Intestinal Microbiota and Microbial Metabolite Profiles and Enhanced the Mucosal Immune Homeostasis in Yellow-Feathered Broilers.

Levels and risk assessment of residual phthalates, polycyclic aromatic hydrocarbons and semi-volatile chlorinated organic compounds in toilet tissue papers.

Activation of cannabinoid receptor type 2 reduces lung ischemia reperfusion injury through PI3K/Akt pathway.

Effect of in ovo glyphosate injection on embryonic development, serum biochemistry, antioxidant status and histopathological changes in newly hatched chicks.

The Customizable E-cigarette Resistance Influences Toxicological Outcomes: Lung Degeneration, Inflammation, and Oxidative Stress-Induced in a Rat Model.

Cholestatic liver disease results increased production of reactive aldehydes and an atypical periportal hepatic antioxidant response.

Botrysin D attenuates arsenic-induced oxidative stress in human lung epithelial cells via activating Nrf2/ARE signaling pathways.

TCDD-Inducible Poly-ADP-Ribose Polymerase (TIPARP), A Novel Therapeutic Target Of Breast Cancer.

In vitro application of sodium arsenite to mice testicular and epididymal organ cultures induces oxidative, biochemical, hormonal, and genotoxic stress.

Estrogen withdrawal and replacement differentially target liver and adipose tissues in female mice fed a high-fat high-sucrose diet: impact of a chronic exposure to a low-dose pollutant mixture(â~+).

Arsenic impairs GLUT1 trafficking through the inhibition of the calpain system in lymphocytes.

Probiotic Bacillus Attenuates Oxidative Stress- Induced Intestinal Injury via p38-Mediated Autophagy.

Neuroprotective effects of anthocyanins and its major component cyanidin-3-O-glucoside (C3G) in the central nervous system: An outlined review.

Obesity and cancer: A mechanistic overview of metabolic changes in obesity that impact genetic instability.

Different stability-indicating chromatographic methods for specific determination of paracetamol, dantrolene sodium, their toxic impurities and degradation products.

Gut microbial transformation of the dietary mutagen MeIQx may reduce exposure levels without altering intestinal transport.

Locust bean gum/gellan gum double-network hydrogels with superior self-healing and pH-driven shape-memory properties.

Bioconcentrations of herbicides used in sugarcane crops in tilapia (*Oreochromis niloticus*) and the risk for human consumption.

Screening of Amaryllidaceae alkaloids in bulbs and tissue cultures of *Narcissus papyraceus* and four varieties of *N. tazetta*.

Defining the Contribution of CYP1A1 and CYP1A2 to Drug Metabolism Using Humanized CYP1A1/1A2 and *Cyp1a1/Cyp1a2* Knockout Mice.

Exposure to environmental toxicants reduces global N6-methyladenosine RNA methylation and alters expression of RNA methylation modulator genes.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on acetylcholinesterase during myogenic differentiation of contractile rat primary skeletal muscle cells.

The remarkable three-dimensional network structure of bacterial cellulose for tissue engineering applications.

Effect of Dioxins in Milk on the 3D Cultured Primary Buffalo Hepatocyte Model System.

Application of Adaptive Neuro-Fuzzy Inference System-Non-dominated Sorting Genetic Algorithm-II (ANFIS-NSGAI) for Modeling and Optimizing Somatic Embryogenesis of *Chrysanthemum*.

Effects of Pinacidil and Calcium on Succinate-Energized Rat Heart Mitochondria in the Presence of Rotenone.

ADAM28 dramatically regulates the biological features of human gingival fibroblasts.

Controllable fluorescence via tuning the m-substituents of added aromatic molecules in a pyrene derivative-decorated porous skeleton.

The protective effects of bone mesenchymal stem cells on paraquat-induced acute lung injury via the *muc5b* and ERK/MAPK signaling pathways.

Study on the Metabolism of Six Systemic Insecticides in a Newly Established Cell Suspension Culture Derived from Tea (*Camellia Sinensis* L.) Leaves.

PAX3 Confers Functional Heterogeneity in Skeletal Muscle Stem Cell Responses to Environmental Stress.

Development of a carbon-11 PET radiotracer for imaging TRPC5 in the brain.

Review of a Case of Paraquat Poisoning in a Tertiary Care Rural-based ICU.

DISC1 promotes translation maintenance during sodium arsenite-induced oxidative stress.

Pollutants released from the pulp paper industry: Aquatic toxicity and their health hazards.

Toxicity of binary mixtures of pesticides to the marine microalgae *Tisochrysis lutea* and *Skeletonema marinoi*: Substance interactions and physiological impacts.

The Effect of UVB Irradiation and Oxidative Stress on the Skin Barrier-A New Method to Evaluate Sun Protection Factor Based on Electrical Impedance Spectroscopy.

Mitochondria and Nuclei Dual-Targeted Hollow Carbon Nanospheres for Cancer Chemophotodynamic Synergistic Therapy.

Attenuation of the effects of oxidative stress by the MAO-inhibiting antidepressant and carbonyl scavenger phenelzine.

High resolution approaches for the identification of amyloid fragments in brain.

Protective Effect of Hesperidin on Sodium Arsenite-Induced Nephrotoxicity and Hepatotoxicity in Rats.

Effects of Phenelzine Administration on Mitochondrial Function, Calcium Handling, and Cytoskeletal Degradation after Experimental Traumatic Brain Injury.

Synthesis and preclinical evaluation of the CRTH2 antagonist [(11)C]MK-7246 as a novel PET tracer and potential surrogate marker for pancreatic beta-cell mass.

Transcriptomic Impact of IMA-08401, a Novel AHR Agonist Resembling Laquinimod, on Rat Liver.

Indirect study of the effect of α -tocopherol and acetylsalicylic acid on the mineral composition of bone tissue in the offspring of female rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin: long-term observations.

Protective effects of resveratrol on biomarkers of oxidative stress, biochemical and histopathological changes induced by sub-chronic oral glyphosate-based herbicide in rats.

Ioxynil and diethylstilbestrol disrupt vascular and heart development in zebrafish.

Enhancement of corneal epithelium cell survival, proliferation and migration by red light: Relevance to corneal wound healing.

Cilostazol Attenuates Retinal Oxidative Stress and Inflammation in a Streptozotocin-Induced Diabetic Animal Model.

Association of Vitamin B(12), Lactate Dehydrogenase, and Regulation of NF- κ B in the Mitigation of Sodium Arsenite-Induced ROS Generation in Uterine Tissue by Commercially Available Probiotics.

Analysis of 52 pesticides in fresh fish muscle by QuEChERS extraction followed by LC-MS/MS determination.

Mimicking Dynamic Adhesiveness and Strain-Stiffening Behavior of Biological Tissues in Tough and Self-Healable Cellulose Nanocomposite Hydrogels.

The testing of an artificial modified bacterial cellulose auricle skeleton in an animal model.

The effects of hesperidin on sodium arsenite-induced different organ toxicity in rats on metabolic enzymes as antidiabetic and anticholinergics potentials: A biochemical approach.

Synthesis and evaluation of 4-(2-fluoro-4-[(11)C]methoxyphenyl)-5-((2-methylpyridin-4-yl)methoxy)picolinamide for PET imaging of the metabotropic glutamate receptor 2 in the rat brain.

High accumulation of tilianin in in-vitro cultures of *Agastache mexicana* and its potential vasorelaxant action.

Molecular mechanism involved in cyclophosphamide-induced cardiotoxicity: Old drug with a new vision.

Cascade Reaction in Human Live Tissue Allows Clinically Applicable Diagnosis of Breast Cancer Morphology.

Open-source food: Nutrition, toxicology, and availability of wild edible greens in the East Bay.

RiboTag translomic profiling of *Drosophila* oenocytes under aging and induced oxidative stress.

Ameliorative effect of gallic acid on sodium arsenite-induced spleno-, cardio- and hemato-toxicity in rats.

Bioactive Lipids in Cancer, Inflammation and Related Diseases : Acute and Chronic Mild Traumatic Brain Injury Differentially Changes Levels of Bioactive Lipids in the CNS Associated with Headache.

Association of East Asian Variant Aldehyde Dehydrogenase 2 Genotype (ALDH2*2*) with Coronary Spasm and Acute Myocardial Infarction.

Evaluation of in vitro genotoxic effects induced by in vitro anther culture conditions in sunflower.

Microscopic structure of albino rats' small intestine.

Organ distribution of endogenous p-cresol in hemodialysis patients.

High frequency somatic embryogenesis and plant regeneration of interspecific ginseng hybrid between *Panax ginseng* and *Panax quinquefolius*.

Hepatic and renal protective effects of quercetin in ferrous sulfate-induced toxicity.

An imazamox-based herbicide causes apoptotic changes in rat liver and pancreas.

Evidence for Aryl hydrocarbon Receptor-Mediated Inhibition of Osteoblast Differentiation in Human Mesenchymal Stem Cells.

[Exploration about the protection mechanism of 5-hydroxy-1-methylhydantoin on paraquat poisoning model].

Apigenin reverses lung injury and immunotoxicity in paraquat-treated mice.

Protective effects of SOD2 overexpression in human umbilical cord mesenchymal stem cells on lung injury induced by acute paraquat poisoning in rats.

Assessment of adverse outcome of Excel Mera 71 in *Anabas testudineus* by histological and ultrastructural alterations.

Evaluating Mode of Action of Acrolein Toxicity in an In Vitro Human Airway Tissue Model.

[The experimental study of diquat on the half-Lethal dose and pathological injury of related organs in wistar rats].

Pendimethalin-induced oxidative stress, DNA damage and activation of anti-inflammatory and apoptotic markers in male rats.

Atorvastatin attenuates paraquat poisoning-induced epithelial-mesenchymal transition via downregulating hypoxia-inducible factor-1 alpha.

Role of Cerium Oxide Nanoparticles in a Paraquat-Induced Model of Oxidative Stress: Emergence of Neuroprotective Results in the Brain.

Does cyclophosphamide still play a role in glomerular diseases?

Procyanidin B2 protects rats from paraquat-induced acute lung injury by inhibiting NLRP3 inflammasome activation.

Exposure Through Runoff and Ground Water Contamination Differentially Impact Behavior and Physiology of Crustaceans in Fluvial Systems.

Acrolein-induced autophagy-dependent apoptosis via activation of the lysosomal-mitochondrial pathway in EAhy926 cells.

Protein kinase C-dependent cell damage by unsaturated carbonyl compounds in vascular cells.

Epigallocatechin-3-Gallate Protects and Prevents Paraquat-Induced Oxidative Stress and Neurodegeneration in Knockdown dj-1-¹ Drosophila melanogaster.

Vitamin D treatment abrogates the inflammatory response in paraquat-induced lung fibrosis.

Tanshinone IIA attenuates paraquat-induced acute lung injury by modulating angiotensin-converting enzyme 2/angiotensin(1-7) in rats.

Acute toxicity and effects of Roundup Original[®] on pintado da Amazônia.

Ameliorative effect of resveratrol on testicular oxidative stress, spermatological parameters and DNA damage in glyphosate-based herbicide-exposed rats.

Reduced oxygen tension culturing conditionally alters toxicogenic response of differentiated H9c2 cardiomyoblasts to acrolein.

Pancreatic function and histoarchitecture in Wistar rats following chronic exposure to Bushfire[®]: the mitigating role of zinc.

Biochemical and histological effects of sub-chronic exposure to atrazine in crayfish Cherax destructor.

Glyphosate affects swine ovarian and adipose stromal cell functions.

[The effects of Xuebijing injection on apoptosis and expression of regulatory factors TNF- α , NF- κ B and Caspase-3 expression in the lung tissues of acute paraquat-induced rats].

Toxicity of some aquatic pollutants to fish.

Comparative Assessment on Mechanism Underlying Renal Toxicity of Commercial Formulation of Roundup Herbicide and Glyphosate Alone in Male Albino Rat.

Paraquat initially damages cochlear support cells leading to anoikis-like hair cell death.

Glyphosate affects the secretion of regulators of uterine contractions in cows while it does not directly impair the motoric function of myometrium in vitro.

Oxidative stress in triazine pesticide toxicity: a review of the main biomarker findings.

Oxidative stress, cholinesterase activity, and DNA damage in the liver, whole blood, and plasma of Wistar rats following a 28-day exposure to glyphosate.

Effects of environmentally relevant sub-chronic atrazine concentrations on African clawed frog (*Xenopus laevis*) survival, growth and male gonad development.

Effect of glyphosate-based herbicide on hematological and hemopoietic parameters in common carp (*Cyprinus carpio* L).

Identification of circular RNAs and their alterations involved in developing male *Xenopus laevis* chronically exposed to atrazine.

[The anti-inflammatory effect of hesperetin on lung damage induced by paraquat in rats].

[The effect of pulmonary injury in rats induced by paraquat].

Mitochondrial oxidative stress causes insulin resistance without disrupting oxidative phosphorylation.

Apple procyanidins promote mitochondrial biogenesis and proteoglycan biosynthesis in chondrocytes.

Atrazine affects craniofacial chondrogenesis and axial skeleton mineralization in zebrafish (*Danio rerio*).

Serum immune responses in common carp (*Cyprinus carpio* L.) to paraquat exposure: The traditional parameters and circulating microRNAs.

Toxicity implications for early life stage Japanese medaka (*Oryzias latipes*) exposed to oxyfluorfen.

Integrated biomarkers response confirm the antioxidant role of diphenyl diselenide against atrazine.

Taurine protects dopaminergic neurons in a mouse Parkinson's disease model through inhibition of microglial M1 polarization.

Melatonin preserves ovarian tissues of rats exposed to chronic TCDD: An electron microscopic approach to effects of TCDD on ovarian cells.

Effects of atrazine on vitellogenesis, steroid levels and lipid peroxidation, in female red swamp crayfish *Procambarus clarkii*.

Validation of expression stability of reference genes in response to herbicide stress in wild oat (*Avena ludoviciana*).

Deficiency of Atg6 impairs beneficial effect of metformin on intestinal stem cell aging in *Drosophila*.

Mesenchymal stem cell therapy for paraquat poisoning: A systematic review and meta-analysis of preclinical studies.

[Effect of sucralfate on cytokines in rat with paraquat poisoning].

Changes in intermediate metabolism and oxidative balance parameters in sexually matured three-barbeled catfishes exposed to herbicides from rice crops (Roundup(®), Primoleo(®) and Facet(®)).

Caloric restriction ameliorates acrolein-induced neurotoxicity in rats.

Modelling the effects of PSII inhibitor pulse exposure on two algae in co-culture.

From TBT to booster biocides: Levels and impacts of antifouling along coastal areas of Panama.

Effect of dietary supplementation with *Spirulina platensis* on Atrazine-induced oxidative stress-mediated hepatic damage and inflammation in the common carp (*Cyprinus carpio* L.).

Do host-associated gut microbiota mediate the effect of an herbicide on disease risk in frogs?

Methemoglobinemia Following Monolinuron Ingestion: A Case Report in a Child.

Oxidative stress and DNA damage in common carp (*Cyprinus carpio*) exposed to the herbicide mesotrione.

Pirfenidone protects against paraquat-induced lung injury and fibrosis in mice by modulation of inflammation, oxidative stress, and gene expression.

Acrolein toxicity at advanced age: present and future.

Analysis of earthworm sublethal toxic responses to atrazine exposure using (1) H nuclear magnetic resonance (NMR)-based metabolomics.

Preference of Aerosolized Pirfenidone to Oral Intake: An Experimental Model of Pulmonary Fibrosis by Paraquat.

Cellular Senescence Is Induced by the Environmental Neurotoxin Paraquat and Contributes to Neuropathology Linked to Parkinson's Disease.

[The impact of electronic cigarettes usage on the endothelial function and the progression of atherosclerosis].

[Clinical analysis of lower limb thrombosis caused by paraquat poisoning].

Effects on metabolic parameters in young rats born with low birth weight after exposure to a mixture of pesticides.

Acrolein-induced atherogenesis by stimulation of hepatic flavin containing monooxygenase 3 and a protection from hydroxytyrosol.

Effects of prolonged methylprednisolone treatment after pulse therapy for paraquat-intoxicated rats.

Phytrantriol-based lyotropic liquid crystal as a transdermal delivery system.

Protective Effects of a Rho Kinase Inhibitor on Paraquat-Induced Acute Lung Injuries in Rats.

Combined treatment with cinnamaldehyde and PTH enhances the therapeutic effect on glucocorticoid-induced osteoporosis through inhibiting osteoclastogenesis and promoting osteoblastogenesis.

Cinnamaldehyde exerts vasculoprotective effects in hypercholesterolemic rabbits.

Cinnamic aldehyde inhibits vascular smooth muscle cell proliferation and neointimal hyperplasia in Zucker Diabetic Fatty rats.

The KCa3.1 blocker TRAM-34 inhibits proliferation of fibroblasts in paraquat-induced pulmonary fibrosis.

Novel action of vinpocetine in the prevention of paraquat-induced parkinsonism in mice: involvement of oxidative stress and neuroinflammation.

Trans-cinnamic aldehyde inhibits *Aggregatibacter actinomycetemcomitans*-induced inflammation in THP-1-derived macrophages via autophagy activation.

Administration of cinnamaldehyde promotes osteogenesis in ovariectomized rats and differentiation of osteoblast *in vitro*.

Acrolein Contributes to the Neuropathic Pain and Neuron Damage after Ischemic-Reperfusion Spinal Cord Injury.

Necrostatin-1 Protects Against Paraquat-Induced Cardiac Contractile Dysfunction via RIP1-RIP3-MLKL-Dependent Necroptosis Pathway.

FGF21 attenuates pulmonary fibrogenesis through ameliorating oxidative stress *in vivo* and *in vitro*.

Submicron emulsion of cinnamaldehyde ameliorates bleomycin-induced idiopathic pulmonary fibrosis via inhibition of inflammation, oxidative stress and epithelial-mesenchymal transition.

Protective effect of ALDH2 against cyclophosphamide-induced acute hepatotoxicity via attenuating oxidative stress and reactive aldehydes.

Acrolein-mediated neuronal cell death and alpha-synuclein aggregation: Implications for Parkinson's disease.

Neutrophil extracellular traps in acrolein promoted hepatic ischemia reperfusion injury: Therapeutic potential of NOX2 and p38MAPK inhibitors.

Protective Effects of Chymostatin on Paraquat-Induced Acute Lung Injury in Mice.

Combination Therapy with Pirfenidone plus Prednisolone Ameliorates Paraquat-Induced Pulmonary Fibrosis.

Immunomodulatory and therapeutic role of *Cinnamomum verum* extracts in collagen-induced arthritic BALB/c mice.

Mutations in *Caenorhabditis elegans* neuroigin-like glit-1, the apoptosis pathway and the calcium chaperone crt-1 increase dopaminergic neurodegeneration after 6-OHDA treatment.

DJ-1 Suppresses Cytoplasmic TDP-43 Aggregation in Oxidative Stress-Induced Cell Injury.

Orofacial antinociceptive effect of *Mimosa tenuiflora* (Willd.) Poiret.

Acrolein: An Effective Biomarker for Tissue Damage Produced from Polyamines.

Acrolein induces NLRP3 inflammasome-mediated pyroptosis and suppresses migration via ROS-dependent autophagy in vascular endothelial cells.

Integrin targeting of glyphosate and its cell adhesion modulation effects on osteoblastic MC3T3-E1 cells revealed by label-free optical biosensing.

Exercise and \hat{I}^2 -alanine supplementation on carnosine-acrolein adduct in skeletal muscle.

Isolation and identification of a novel algicidal peptide from mackerel muscle hydrolysate.

Multidrug Resistance Protein 1 (MRP1/ABCC1)-Mediated Cellular Protection and Transport of Methylated Arsenic Metabolites Differs between Human Cell Lines.

Overexpression of PDX-II gene in potato (*Solanum tuberosum* L.) leads to the enhanced accumulation of vitamin B6 in tuber tissues and tolerance to abiotic stresses.

Chronic adriamycin treatment impairs CGRP-mediated functions of meningeal sensory nerves.

Mitochondrial ROS cause motor deficits induced by synaptic inactivity: Implications for synapse pruning.

Silicon Decreases Dimethylarsinic Acid Concentration in Rice Grain and Mitigates Straighthead Disorder.

Atrazine affects the morphophysiology, tissue homeostasis and aromatase expression in the efferent ductules of adult rats with mild alterations in the ventral prostate.

Dantrolene is not the answer to 2,4-dinitrophenol poisoning: more heated debate.

Key role of singlet oxygen and peroxyxynitrite in viral RNA damage during virucidal effect of plasma torch on feline calicivirus.

Intra-amniotic Sildenafil Treatment Modulates Vascular Smooth Muscle Cell Phenotype in the Nitrofen Model of Congenital Diaphragmatic Hernia.

Cleft palate formation after palatal fusion occurs due to the rupture of epithelial basement membranes.

Flavin homeostasis in the mouse retina during aging and degeneration.

Head skeleton malformations in zebrafish (*Danio rerio*) to assess adverse effects of mixtures of compounds.

Hexachloronaphthalene (HxCN) as a potential endocrine disruptor in female rats.

Increases in bioactive lipids accompany early metabolic changes associated with \hat{I}^2 -cell expansion in response to short-term high-fat diet.

Research on mechanism of PCS in damaging vascular endothelial cells and promoting formation of atherosclerosis via TLR4/TREM-1.

Dioxin-like PCB 126 increases intestinal inflammation and disrupts gut microbiota and metabolic homeostasis.

Contribution of uraemic toxins to the vascular fibrosis associated with chronic kidney disease.

Morphological evaluation of liposomal iron carriers.

Fetal lung transcriptome patterns in an ex vivo compression model of diaphragmatic hernia.

Ketogenic diet regulates the antioxidant catalase via the transcription factor PPAR α .

Upregulated EFNB2 and EPHB4 promotes lung development in a nitrofen-induced congenital diaphragmatic hernia rat model.

Cohort study of workers at a New Zealand agrochemical plant to assess the effect of dioxin exposure on mortality.

Eleven Weeks of Iron Supplementation Does Not Maintain Iron Status for an Entire Competitive Season in Elite Female Volleyball Players: A Follow-Up Study.

[Effects of sodium arsenite exposure on activation and extracellular matrix secretion of human hepatic stellate cells].

Effect of Norepinephrine on Intracellular Ca²⁺ Levels in Malignant Hyperthermia-Susceptible B Cells: Pilot Study in the Search for a New Diagnostic Test for Malignant Hyperthermia.

Anemia in Older Adults.

Mitochondrial uncoupling prodrug improves tissue sparing, cognitive outcome, and mitochondrial bioenergetics after traumatic brain injury in male mice.

Neuroprotective effects of dietary borax in the brain tissue of rainbow trout (*Oncorhynchus mykiss*) exposed to copper-induced toxicity.

Paternal developmental toxicant exposure is associated with epigenetic modulation of sperm and placental Pgr and Igf2 in a mouse model.

The role of molecular modelling strategies in validating the effects of chrysin on sodium arsenite-induced chromosomal and DNA damage.

The Impact of Uremic Toxicity Induced Inflammatory Response on the Cardiovascular Burden in Chronic Kidney Disease.

Impacts of Indoxyl Sulfate and p-Cresol Sulfate on Chronic Kidney Disease and Mitigating Effects of AST-120.

Angptl2 deficiency attenuates paraquat (PQ)-induced lung injury in mice by altering inflammation, oxidative stress and fibrosis through NF- κ B pathway.

Protective effect of simvastatin on arterial plaque instability induced by p-cresyl sulfate.

Diagnostic meaning of blood p-cresol concentration in forensic autopsy cases.

Sensitization of colorectal cancer cells to irinotecan by the Survivin inhibitor LLP3 depends on XAF1 proficiency in the context of mutated p53.

Ellagic acid mitigates sodium arsenite-induced renal and hepatic toxicity in male Wistar rats.

Selective synthesis of 7-O-substituted luteolin derivatives and their melanogenesis and proliferation inhibitory activity in B16 melanoma cells.

Comparative study of persistent organic pollutant (POP) (chlorinated pesticides, PCBs, and dioxins/furans) concentrations in cancer-affected human organs with those of healthy organs.

Mixed "Antiandrogenic" Chemicals at Low Individual Doses Produce Reproductive Tract Malformations in the Male Rat.

The Influence of Obesity on the Pharmacokinetics of Dioxin in Mice: An Assessment Using Classical and PBPK Modeling.

Of mice and men - environmental temperature, body temperature, and treatment of obesity.

2,3,7,8-Tetrachlorodibenzo-p-dioxin dose-dependently increases bone mass and decreases marrow adiposity in juvenile mice.

TLQP Peptides in Amyotrophic Lateral Sclerosis: Possible Blood Biomarkers with a Neuroprotective Role.

The Effect of Boric Acid and Borax on Oxidative Stress, Inflammation, ER Stress and Apoptosis in Cisplatin Toxication and Nephrotoxicity Developing as a Result of Toxication.

A delayed proinflammatory response of human preadipocytes to PCB126 is dependent on the aryl hydrocarbon receptor.

Possible Obesogenic Effects of Bisphenols Accumulation in the Human Brain.

[The establishment of the immortalized mouse brain microvascular pericytes model and its preliminary application in screening of cerebrovascular toxicants].

Stress Granule Assembly Disrupts Nucleocytoplasmic Transport.

Metabolism and disposition of arsenic species after repeated oral dosing with sodium arsenite in drinking water. II. Measurements in pregnant and fetal CD-1 mice.

Microglial activation and the nitric oxide/cGMP/PKG pathway underlie enhanced neuronal vulnerability to mitochondrial dysfunction in experimental multiple sclerosis.

Fucoidan Rescues p-Cresol-Induced Cellular Senescence in Mesenchymal Stem Cells via FAK-Akt-TWIST Axis.

Cholinesterase research outreach project (CROP): point of care cholinesterase measurement in an Australian agricultural community.

The possible neuroprotective effect of ellagic acid on sodium arsenate-induced neurotoxicity in rats.

Alterations in DNA methyltransferases and methyl-CpG binding domain proteins during cleft palate formation as induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice.

Genetic and functional analysis of the RYR1 mutation p.Thr84Met revealed a susceptibility to malignant hyperthermia.

Dioxin-like PCB 126 Increases Systemic Inflammation and Accelerates Atherosclerosis in Lean LDL Receptor-Deficient Mice.

In rats gestational iron deficiency does not change body fat or hepatic mitochondria in the aged offspring.

Diterpene ginkgolides meglumine injection protects against paraquat-induced lung injury and pulmonary fibrosis in rats.

Immediate tooth replantation: root canal filling for delayed initiation of endodontic treatment.

The AKT/BCL-2 Axis Mediates Survival of Uterine Leiomyoma in a Novel 3D Spheroid Model.

Environmental pollutant hexachlorobenzene induces hypertension in a rat model.

Arjunolic Acid Improves the Serum Level of Vitamin B(12) and Folate in the Process of the Attenuation of Arsenic Induced Uterine Oxidative Stress.

[Effects of prenatal tetrandrine treatment on the expression of Kruppel-like factor 5 and Survivin in the lung of congenital diaphragmatic hernia rat model induced by nitrofen].

±-Lipoic acid inhibits testicular and epididymal oxidative damage and improves fertility efficacy in arsenic-intoxicated rats.

Roles of cytosolic phospholipase A(2)± in reproductive and systemic toxicities in 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed mice.

Increased CaSR and TRPC6 pulmonary vascular expression in the nitrofen-induced model of congenital diaphragmatic hernia.

Aberrant expression of miR-451a contributes to 1,2-dichloroethane-induced hepatic glycerol gluconeogenesis disorder by inhibiting glycerol kinase expression in NIH Swiss mice.

Downregulated Elastin Microfibril Interfacer 1 Expression in the Pulmonary Vasculature of Experimental Congenital Diaphragmatic Hernia.

Decreased Expression of Integrin Subunits ±3, ±6, and ±8 in the Branching Airway Mesenchyme of Nitrofen-Induced Hypoplastic Lungs.

Decreased Rac1 Cardiac Expression in Nitrofen-Induced Diaphragmatic Hernia.

The Role of Cytochromes P450 in Infection.

Latent forms of the carious lesion of human lower third molars.

Recent decreasing trends of exposure to PCDDs/PCDFs/dioxin-like PCBs in general populations, and associations with diabetes, metabolic syndrome, and gout/hyperuricemia.

Novel insight into circular RNA HECTD1 in astrocyte activation via autophagy by targeting MIR142-TIPARP: implications for cerebral ischemic stroke.

Thymoquinone is protective against 2,3,7,8-tetrachlorodibenzo-p-dioxin induced hepatotoxicity.

Evidence for estrogeno-mimetic effects of a mixture of low-dose pollutants in a model of ovariectomized mice.

Perinatal Exposure to the Cyanotoxin β -N-Methylamino-L-Alanine (BMAA) Results in Long-Lasting Behavioral Changes in Offspring-Potential Involvement of DNA Damage and Oxidative Stress.

Slow Ca^{2+} Efflux by $\text{Ca}^{2+}/\text{H}^{+}$ Exchange in Cardiac Mitochondria Is Modulated by Ca^{2+} Re-uptake via MCU, Extra-Mitochondrial pH, and H^{+} Pumping by F₀F₁-ATPase.

Effects of Polychlorinated Pesticides and Their Metabolites on Phospholipid Organization in Model Microbial Membranes.

Release and toxicity of adipose tissue-stored TCDD: Direct evidence from a xenografted fat model.

A simple, one-step polychromatic staining method for epoxy-embedded semithin tissue sections.

Perivascular adipose tissue protects against the vascular dysfunction induced by acute ethanol intake: Role of hydrogen peroxide.

Pesticide-Poisoned Patients: Can They Be Used as Potential Organ Donors?

Pharmaceuticals, hormones, pesticides, and other bioactive contaminants in water, sediment, and tissue from Rocky Mountain National Park, 2012-2013.

Endogenous and exogenous biomarker analysis in terrestrial phase amphibians (*Lithobates sphenocphala*) following dermal exposure to pesticide mixtures.

Risk for animal and human health related to the presence of dioxins and dioxin-like PCBs in feed and food.

Persistent Organic Pollutant Burden, Experimental POP Exposure, and Tissue Properties Affect Metabolic Profiles of Blubber from Gray Seal Pups.

Thidiazuron-induced somatic embryogenesis and changes of antioxidant properties in tissue cultures of half-high blueberry plants.

2,6-Dihydroxybenzaldehyde Analogues of the Iron Chelator Salicylaldehyde Isonicotinoyl Hydrazone: Increased Hydrolytic Stability and Cytoprotective Activity against Oxidative Stress.

Tissue-specific bioaccumulation, depuration and metabolism of 4,4'-dichlorodiphenyl sulfide in the freshwater mussel *Anodonta woodiana*.

Pesticide toxicity: a mechanistic approach.

Expression analysis of two SOMATIC EMBRYOGENESIS RECEPTOR KINASE (SERK) genes during in vitro morphogenesis in Spanish cedar (*Cedrela odorata* L.).

Signaling Events Downstream of AHR Activation That Contribute to Toxic Responses: The Functional Role of an AHR-Dependent Long Noncoding RNA (slincR) Using the Zebrafish Model.

Dynamics study on the role of curcumin on TGF- β 1 expression and pathological changes in acute paraquat poisoned rats.

Metabolism and disposition of arsenic species from controlled dosing with sodium arsenite in adult female CD-1 mice. III. Toxicokinetic studies following oral and intravenous administration.

Thidiazuron-induced abnormalities in plant tissue cultures.

The effect of prenatal exposure on disposition of hexachloronaphthalene in female Wistar rats and fetal compartment.

Fatty acids, polychlorinated dibenzo-p-dioxins and dibenzofurans, and dioxin-like polychlorinated biphenyls in paired muscle and skin from fish from the Bohai coast, China: Benefits and risks associated with fish consumption.

Cell Penetration, Herbicidal Activity, and in-vivo-Toxicity of Oligo-Arginine Derivatives and of Novel Guanidinium-Rich Compounds Derived from the Biopolymer Cyanophycin.

Utility of Serum miR-122, Liver Enzymes, and Hepatic Histopathology in Response to Hepatotoxicants in Sprague-Dawley Rats.

Nrf2 Signaling in Sodium Azide-Treated Oligodendrocytes Restores Mitochondrial Functions.

Environmental phenols and parabens in adipose tissue from hospitalized adults in Southern Spain.

Fabrication of functionalized citrus pectin/silk fibroin scaffolds for skin tissue engineering.

Ingestion of subthreshold doses of environmental toxins induces ascending Parkinsonism in the rat.

sox9b is required in cardiomyocytes for cardiac morphogenesis and function.

RXFP1 Receptor Activation by Relaxin-2 Induces Vascular Relaxation in Mice via a G_{i2} -Protein/ $PI3K/Akt/Nitric\ Oxide$ -Coupled Pathway.

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin increases the activation of aryl hydrocarbon receptor and is associated with the aggressiveness of osteosarcoma MG-63 osteoblast-like cells.

Protective Effect of Hydroxytyrosol Against Oxidative Stress Mediated by Arsenic-Induced Neurotoxicity in Rats.

Hapten-mediated recruitment of polyclonal antibodies to tumors engenders antitumor immunity.

Waterborne and Dietborne Toxicity of Inorganic Arsenic to the Freshwater Zooplankton *Daphnia magna*.

Modulating effect of selected pharmaceuticals on bone in female rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Toxicity assessment of agrochemical Almix in *Heteropneustes fossilis* through histopathological alterations.

The effect of crocin on testicular tissue and sperm parameters of mice offspring from mothers exposed to atrazine during pregnancy and lactation periods: An experimental study.

Data on recurrent somatic embryogenesis and in vitro micropropagation of *Cnidium officinale* Makino.

Seasonal variations of contamination and exoskeletal malformations in the white shrimps *Palaemon longirostris* in the Gironde estuary, France.

Comparison of Hepatic NRF2 and Aryl Hydrocarbon Receptor Binding in 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Treated Mice Demonstrates NRF2-Independent PKM2 Induction.

Modulation of the Oxidative Stress and Lipid Peroxidation by Endocannabinoids and Their Lipid Analogues.

Author Correction: Next generation histology methods for three-dimensional imaging of fresh and archival human brain tissues.

Aldehydes are the predominant forces inducing DNA damage and inhibiting DNA repair in tobacco smoke carcinogenesis.

Freeze-induced cyanide toxicity does not maintain the cyanogenesis polymorphism in white clover (*Trifolium repens*).

Cigarette smoke alters lung vascular permeability and endothelial barrier function (2017 Grover Conference Series).

Ellagic acid: A promising protective remedy against testicular toxicity induced by arsenic.

Relative effective potencies of dioxin-like compounds in rodent and human lung cell models.

Bioaccumulation of As, Hg, and Se in tunas *Thunnus albacares* and *Katsuwonus pelamis* from the Eastern Pacific: tissue distribution and As speciation.

Xanthohumol ameliorates 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cellular toxicity in cultured MC3T3-E1 osteoblastic cells.

Phospholipase D \hat{I} assists to cortical microtubule recovery after salt stress.

Pharmacologic modeling of primary mitochondrial respiratory chain dysfunction in zebrafish.

Gain-of-function mutation of AtDICE1, encoding a putative endoplasmic reticulum-localized membrane protein, causes defects in anisotropic cell elongation by disturbing cell wall integrity in *Arabidopsis*.

Systemic Acrolein Elevations in Mice With Experimental Autoimmune Encephalomyelitis and Patients With Multiple Sclerosis.

Antimicrobial agent triclosan disrupts mitochondrial structure, revealed by super-resolution microscopy, and inhibits mast cell signaling via calcium modulation.

Complex toxicity as disruption of adipocyte or osteoblast differentiation in human mesenchymal stem cells under the mixed condition of TBBPA and TCDD.

Protein-bounded uremic toxin p-cresylsulfate induces vascular permeability alternations.

Continuous Infusion of Phenyline, Cyclosporine A, or Their Combination: Evaluation of Mitochondrial Bioenergetics, Oxidative Damage, and Cytoskeletal Degradation following Severe Controlled Cortical Impact Traumatic Brain Injury in Rats.

Species-specific bioaccumulation and correlated health risk of arsenic compounds in freshwater fish from a typical mine-impacted river.

Novel Conducting and Biodegradable Copolymers with Noncytotoxic Properties toward Embryonic Stem Cells.

27-Deoxyactein prevents 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cellular damage in MC3T3-E1 osteoblastic cells.

Berberine protects the liver and kidney against functional disorders and histological damages induced by ferrous sulfate.

Mutagenicity and antimutagenicity of *Salacia crassifolia* (mart. Ex. Schult.) G. Don. evaluated by Ames test.

Low Oxidative Stress-Mediated Proliferation Via JNK-FOXO3a-Catalase Signaling in Transplanted Adult Stem Cells Promotes Wound Tissue Regeneration.

Biota monitoring under the Water Framework Directive: On tissue choice and fish species selection.

Dioxin-like contaminants are no longer a risk to the American eel (*Anguilla rostrata*) in Lake Ontario.

Integrated metabolic models for xenobiotic induced mitochondrial toxicity in skeletal muscle.

Identification of novel Nrf2 activators from *Cinnamomum chartophyllum* H.W. Li and their potential application of preventing oxidative insults in human lung epithelial cells.

Rapid activity-dependent modulation of the intrinsic excitability through up-regulation of KCNQ/Kv7 channel function in neonatal spinal motoneurons.

Enzyme polymorphism, oxygen and injury: a lipidomic analysis of flight-induced oxidative damage in a succinate dehydrogenase d (*Sdh*d)-polymorphic insect.

Identification of potential serum biomarkers of acute paraquat poisoning in humans using an iTRAQ quantitative proteomic.

Evaluation of allyl isothiocyanate as a soil fumigant against soil-borne diseases in commercial tomato (*Lycopersicon esculentum* Mill.) production in China.

Ion-Pairing with Spermine Targets Theophylline To the Lungs via the Polyamine Transport System.

AHR2 required for normal behavioral responses and proper development of the skeletal and reproductive systems in zebrafish.

Differential induction of polar and non-polar metabolism during wound-induced suberization in potato (*Solanum tuberosum* L.) tubers.

Mitochondrial F(1)-ATPase extends glycolysis and pH decline in an in vitro model.

Phenotypic responses in *Caenorhabditis elegans* following chronic low-level exposures to inorganic and organic compounds.

Environmentally friendly procedure based on VA-MSPD for the determination of booster biocides in fish tissue.

In Silico-Based Repositioning of Phosphinothricin as a Novel Technetium-99m Imaging Probe with Potential Anti-Cancer Activity.

The consequence of NAC on sodium arsenite-induced uterine oxidative stress.

Spectroscopic analyses and genotoxicity of dioxins in the aquatic environment of Alexandria.

Analysis of expression profile data identifies key genes and pathways in hepatocellular carcinoma.

Dysregulation of antioxidant responses in patients diagnosed with concomitant Primary Sclerosing Cholangitis/Inflammatory Bowel Disease.

Pesticide residues in muscles of some marine fish species and seaweeds of Iskenderun Bay (Northeastern Mediterranean), Turkey.

Age-Corrected Trends and Toxic Equivalence of PCDD/F and CP-PCBs in Lake Trout and Walleye from the Great Lakes: 2004-2014.

ATP Binding Cassette Sub-family Member 2 (ABCG2) and Xenobiotic Exposure During Early Mouse Embryonic Stem Cell Differentiation.

Aryl Hydrocarbon Receptor Antagonists Mitigate the Effects of Dioxin on Critical Cellular Functions in Differentiating Human Osteoblast-Like Cells.

Comprehensive genome-wide analysis of Glutathione S-transferase gene family in potato (*Solanum tuberosum* L.) and their expression profiling in various anatomical tissues and perturbation conditions.

High-efficiency production of bioactive oleosin-basic fibroblast growth factor in *A. thaliana* and evaluation of wound healing.

Potential Prognostic, Diagnostic and Therapeutic Markers for In-stent Reocclusion in Advanced Age Patients After Coronary Stenting.

A Review on the Expression and Metabolic Features of Orphan Human Cytochrome P450 2S1 (CYP2S1).

Cigarette Smoke Extract Disrupts Transcriptional Activities Mediated by Thyroid Hormones and Its Receptors.

Arsenite exposure potentiates apoptosis-inducing effects of tumor necrosis factor- α through reactive oxygen species.

Synthesis of Oleanolic Acid Analogues and Their Cytotoxic Effects on 3T3 Cell Line.

Dioxin Exposure Alters Molecular and Morphological Responses to Thyroid Hormone in *Xenopus laevis* Cultured Cells and Prometamorphic Tadpoles.

Metabolism and disposition of arsenic species from controlled oral dosing with sodium arsenite in adult female CD-1 mice. I. Pilot study to determine dosing, analytical measurements, and sampling strategies.

Seasonal implications on toxicity biomarkers of *Loricariichthys anus* (Valenciennes, 1835) from a subtropical reservoir.

Understanding the viscoelastic behavior of arterial elastin in glucose via relaxation time distribution spectrum.

Mimicking mechanical response of natural tissues. Strain hardening induced by transient reticulation in lactose-modified chitosan (chitlac).

Intermittent Hypoxia and Unsaturated Aldehydes: Effects on Oral Epithelial Wound Healing.

Protection by extra virgin olive oil against oxidative stress in vitro and in vivo. Chemical and biological studies on the health benefits due to a major component of the Mediterranean diet.

[The roles of TSP-1 and its receptor CD47 in pathogenesis of paraquat-induced pulmonary fibrosis in rats].

Stronger effects of Roundup than its active ingredient glyphosate in damselfly larvae.

Propolis supplementation attenuates the negative effects of oxidative stress induced by paraquat injection on productive performance and immune function in turkey poults.

Effects of glyphosate-based herbicide on pintado da AmazÃ´nia: Hematology, histological aspects, metabolic parameters and genotoxic potential.

Tissue metabolic changes for effects of pirfenidone in rats of acute paraquat poisoning by GC-MS.

Exposures to arsenite and methylarsonite produce insulin resistance and impair insulin-dependent glycogen metabolism in hepatocytes.

Alda-1 Protects Against Acrolein-Induced Acute Lung Injury and Endothelial Barrier Dysfunction.

Effect of resveratrol and tetracycline on the subacute paraquat toxicity in mice.

Mixture Toxicity of Bensulfuron-Methyl and Acetochlor to Red Swamp Crayfish (*Procambarus clarkii*): Behavioral, Morphological and Histological Effects.

Facts and Fallacies in the Debate on Glyphosate Toxicity.

Behavioral responses of honey bees (*Apis mellifera*) to natural and synthetic xenobiotics in food.

[Mechanism of action for oligomeric proanthocyanidins in paraquat-induced acute lung injury].

Exposure of frogs and tadpoles to chiral herbicide fenoxaprop-ethyl.

Auxin-like effects of the natural coumarin scopoletin on *Arabidopsis* cell structure and morphology.

Effects of co-exposure to atrazine and ethanol on the oxidative damage of kidney and liver in Wistar rats.

Epi/perineural and Schwann Cells as Well as Perineural Sheath Integrity are Affected Following 2,4-D Exposure.

Military service, deployments, and exposures in relation to amyotrophic lateral sclerosis survival.

Oxidative stress in the hybrid fish jundiara (*Leiarius marmoratus*—*Pseudoplatystoma reticulatum*) exposed to Roundup Original®).

Porous Se@SiO₂ nanospheres treated paraquat-induced acute lung injury by resisting oxidative stress.

[The effect of captopril and losartan on paraquat-induced pulmonary fibrosis and PIGF expression in the lungs of rats].

Wnt/ β -catenin signaling plays an essential role in $\alpha 7$ nicotinic receptor-mediated neuroprotection of dopaminergic neurons in a mouse Parkinson's disease model.

Reproductive toxicity of Roundup herbicide exposure in male albino rat.

[Effects of small RNA interference targeting mammalian target of rapamycin on paraquat-induced pulmonary fibrosis in rats].

Gender-specific histopathological response in guppies *Poecilia reticulata* exposed to glyphosate or its metabolite aminomethylphosphonic acid.

Rapamycin protects against paraquat-induced pulmonary fibrosis: Activation of Nrf2 signaling pathway.

Maternal linuron exposure alters testicular development in male offspring rats at the whole genome level.

Metabolic profiling of goldfish (*Carassius auratus*) after long-term glyphosate-based herbicide exposure.

Experimental study of sucalfate intervention for paraquat poisoning in rats.

Acrolein Can Cause Cardiovascular Disease: A Review.

[Intervention of edaravone against renal injury induced by acute paraquat poisoning in rats].

Toll-like receptor 9 mediates paraquat-induced acute lung injury: an in vitro and in vivo study.

Dimercaprol is an acrolein scavenger that mitigates acrolein-mediated PC-12 cells toxicity and reduces acrolein in rat following spinal cord injury.

Effects of Roundup formulations on biochemical biomarkers and male sperm quality of the livebearing *Jenynsia multidentata*.

IARC use of oxidative stress as key mode of action characteristic for facilitating cancer classification: Glyphosate case example illustrating a lack of robustness in interpretative implementation.

Mfn2 protects dopaminergic neurons exposed to paraquat both in vitro and in vivo: Implications for idiopathic Parkinson's disease.

[Changes of integrin-linked kinase expression on rats' pulmonary fibrosis induced by paraquat].

[The study of using salvianolate treat acute lung injury in rats induced by paraquat].

Potential mechanisms of development-dependent adverse effects of the herbicide paraquat in 3D rat brain cell cultures.

Isolation and characterization of two glutathione S-transferases from freshwater bivalve *Anodonta woodiana*: Chronic effects of pentachlorophenol on gene expression profiles.

Diuron causes sinking retardation and physiochemical alteration in marine diatoms *Thalassiosira pseudonana* and *Skeletonema marinoi-dohrnii* complex.

Sodium chlorate, a major water disinfection byproduct, alters brush border membrane enzymes, carbohydrate metabolism and impairs antioxidant system of Wistar rat intestine.

Fluazifop- p-butyl, an aryloxyphenoxypropionate herbicide, diminishes renal and hepatic functions and triggers testicular oxidative stress in orally exposed rats.

[The study of using cordyceps-astragalus-salvia miltiorrhiza to treat acute lung injury induced by paraquat poisoning in rats].

Effects of melatonin in rats in the initial third stage of pregnancy exposed to sub-lethal doses of herbicides.

Atrazine exposure elicits copy number alterations in the zebrafish genome.

Glyphosate Adversely Affects *Danio rerio* Males: Acetylcholinesterase Modulation and Oxidative Stress.

Acrolein increases macrophage atherogenicity in association with gut microbiota remodeling in atherosclerotic mice: protective role for the polyphenol-rich pomegranate juice.

Comparison of questionnaire data and analyzed dioxin concentrations as a measure of exposure in soft-tissue sarcoma studies.

MyD88 gene knockout attenuates paraquat-induced acute lung injury.

Oxidative damage of the male reproductive system induced by paraquat.

Perinatal exposure to glyphosate-based herbicide alters the thyrotrophic axis and causes thyroid hormone homeostasis imbalance in male rats.

Effects of atrazine on ovarian growth, in the estuarine crab *Neohelice granulata*.

Development and characterization of a human embryonic stem cell-derived 3D neural tissue model for neurotoxicity testing.

Acrolein and Human Disease: Untangling the Knotty Exposure Scenarios Accompanying Several Diverse Disorders.

Protective action of Omega-3 on paraquat intoxication in *Drosophila melanogaster*.

Vasculitic Neuropathy Following Exposure to a Glyphosate-based Herbicide.

Liver X Receptor Agonist TO901317 Attenuates Paraquat-Induced Acute Lung Injury through Inhibition of NF- κ B and JNK/p38 MAPK Signal Pathways.

Protective Effect of Ellagic Acid on Paraquat-induced Kidney Hazards in Rats.

The effect of glyphosate-based herbicide Roundup and its co-formulant, POEA, on the motoric activity of rat intestine - In vitro study.

A high-throughput, modified ALS activity assay for *Cyperus difformis* and *Schoenoplectus mucronatus* seedlings.

Evaluation of 8-hydroxy-2-deoxyguanosine and NFkB activation, oxidative stress response, acetylcholinesterase activity, and histopathological changes in rainbow trout brain exposed to linuron.

Effect of the herbicide atrazine and its metabolite DACT on bovine sperm quality.

Effects of oral administration of 2,4-dichlorophenoxyacetic acid (2,4-D) on reproductive parameters in male Wistar rats.

Prometryn and humic acid induce Cytochrome P450 1A expression in *Danio rerio* (zebrafish).

Short-term phytotoxicity in *Brassica napus* (L.) in response to pre-emergently applied metazachlor: A microcosm study.

Aldo-keto reductase 1B10 protects human colon cells from DNA damage induced by electrophilic carbonyl compounds.

Soluble Vascular Adhesion Protein-1 Mediates Spermine Oxidation as Semicarbazide-Sensitive Amine Oxidase: Possible Role in Proliferative Diabetic Retinopathy.

Novel tetrazole and cyanamide derivatives as inhibitors of cyclooxygenase-2 enzyme: design, synthesis, anti-inflammatory evaluation, ulcerogenic liability and docking study.

[Protective effect of thalidomide on ALI induced by paraquat poisoning in rats and its mechanism].

[Effects of curcumin on pulmonary fibrosis and functions of paraquat-challenged rats].

Coadministration of isomalto-oligosaccharides augments metabolic health benefits of cinnamaldehyde in high fat diet fed mice.

Inhibition of NLRP3 inflammasome: a new protective mechanism of cinnamaldehyde in endotoxin poisoning of mice.

Interleukin-17A Plays the Same Role on Mice Acute Lung Injury Respectively Induced by Lipopolysaccharide and Paraquat.

Combined Catalase and ADH Inhibition Ameliorates Ethanol-Induced Myocardial Dysfunction Despite Causing Oxidative Stress in Conscious Female Rats.

Cinnamon reduces inflammatory response in intestinal fibroblasts in vitro and in colitis in vivo leading to decreased fibrosis.

The protective effect of cinnamaldehyde on lipopolysaccharide induced acute lung injury in mice.

Targeted proteome analysis with isotope-coded protein labels for monitoring the influence of dietary phytochemicals on the expression of cytoprotective proteins in primary human colon cells.

Cinnamaldehyde in diabetes: A review of pharmacology, pharmacokinetics and safety.

Activation of MMP-9 activity by acrolein in saliva from patients with primary Sjögren's syndrome and its mechanism.

Cromolyn Sodium Attenuates Paraquat-Induced Lung Injury by Modulation of Proinflammatory Cytokines.

Chloroquine attenuates paraquat-induced lung injury in mice by altering inflammation, oxidative stress and fibrosis.

Cinnamaldehyde potentially attenuates gestational hyperglycemia in rats through modulation of PPAR β , proinflammatory cytokines and oxidative stress.

Phenelzine Protects Brain Mitochondrial Function In Vitro and In Vivo following Traumatic Brain Injury by Scavenging the Reactive Carbonyls 4-Hydroxynonenal and Acrolein Leading to Cortical Histological Neuroprotection.

[Cinnamaldehyde attenuates pressure overload-induced cardiac fibrosis via inhibition of endothelial mesenchymal transition].

Mucuna pruriens reduces inducible nitric oxide synthase expression in Parkinsonian mice model.

Cinnamaldehyde Ameliorates Diet-Induced Obesity in Mice by Inducing Browning of White Adipose Tissue.

Localization of Acrolein-Lysine Adduct in Fibrovascular Tissues of Proliferative Diabetic Retinopathy.

Bioaccumulation of pharmaceutically active compounds and endocrine disrupting chemicals in aquatic macrophytes: Results of hydroponic experiments with *Echinodorus horemanii* and *Eichhornia crassipes*.

Chloroplast-associated metabolic functions influence the susceptibility of maize to *Ustilago maydis*.

[Protective effect of 5-aminosalicylic acid on the kidney of paraquat poisoning rats by Nrf2-ARE signal pathway].

Estimating Pesticide Attenuation From Water Dating and the Ratio of Metabolite to Parent Compound.

Effects of pentachlorophenol on the quail (*Coturnix japonica*) liver detoxification pathway.

Metabolic parameters and oxidative balance in juvenile *Rhamdia quelen* exposed to rice paddy herbicides: Roundup ® , Primoleo ® , and Facet ® .

Preparation of a calcium carbonate-based bone substitute with cinnamaldehyde crosslinking agent with potential anti-inflammatory properties.

Autophagy deficient keratinocytes display increased DNA damage, senescence and aberrant lipid composition after oxidative stress in vitro and in vivo.

Effects of pharmaceuticals and personal care products (PPCPs) on multixenobiotic resistance (MXR) related efflux transporter activity in zebrafish (*Danio rerio*) embryos.

The Mitochondrial Lon Protease Is Required for Age-Specific and Sex-Specific Adaptation to Oxidative Stress.

Isoflavones Induce BEX2-Dependent Autophagy to Prevent ATR-Induced Neurotoxicity in SH-SY5Y Cells.

Indirect Somatic Embryogenesis of Date Palm Using Juvenile Leaf Explants and Low 2,4-D Concentration.

Behavioral effects and neuroanatomical targets of acute atrazine exposure in the male Sprague-Dawley rat.

2-Methoxycinnamaldehyde inhibits the TNF- α -induced proliferation and migration of human aortic smooth muscle cells.

Impact of the Oral Adsorbent AST-120 on Organ-Specific Accumulation of Uremic Toxins: LC-MS/MS and MS Imaging Techniques.

Tooth development disorders in infants of rat dams exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin and protective role of tocopherol and acetylsalicylic acid.

Expression of aryl hydrocarbon receptor, inflammatory cytokines, and incidence of rheumatoid arthritis in Vietnamese dioxin-exposed people.

2,3,7,8-Tetrachlorodibenzo-p-dioxin influences bovine herpesvirus 1 replication through upregulation of SIRT3 and cytoskeletal reorganization.

p-Cresyl glucuronide is a major metabolite of p-cresol in mouse: in contrast to p-cresyl sulphate, p-cresyl glucuronide fails to promote insulin resistance.

From the Cover: High Susceptibility of Lrig1 Sebaceous Stem Cells to TCDD in Mice.

Editor's Highlight: PCB126 Exposure Increases Risk for Peripheral Vascular Diseases in a Liver Injury Mouse Model.

Distribution of arsenic and oxidative stress in mice after rice ingestion.

Maternal Resveratrol Treatment Reduces the Risk of Mammary Carcinogenesis in Female Offspring Prenatally Exposure to 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Apoptosis signal-regulating kinase 1 inhibition attenuates cardiac hypertrophy and cardiorenal fibrosis induced by uremic toxins: Implications for cardiorenal syndrome.

Obesogenic endocrine disruptors and obesity: myths and truths.

A dioxin-like compound induces hyperplasia and branching morphogenesis in mouse mammary gland, through alterations in TGF- β 1 and aryl hydrocarbon receptor signaling.

Review on arsenic-induced toxicity in male reproductive system and its amelioration.

[Sensory axonal polyneuropathy due to 2,4-dinitrophenol].

Mitochondrial uncoupling in the melanocortin system differentially regulates NPY and POMC neurons to promote weight-loss.

Heme Biosynthetic Pathway is Functionally Linked to Adipogenesis via Mitochondrial Respiratory Activity.

Skeletal and dental effects on rats following in utero/lactational exposure to the non-dioxin-like polychlorinated biphenyl PCB 180.

Adipose Tissue as a Site of Toxin Accumulation.

Dioxin Receptor Adjusts Liver Regeneration After Acute Toxic Injury and Protects Against Liver Carcinogenesis.

LncRNA H19 and Target Gene-mediated Cleft Palate Induced by TCDD.

A microfluidic platform for modeling metastatic cancer cell matrix invasion.

Chronic exposure of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces an obesogenic effect in C57BL/6J mice fed a high fat diet.

Filth Fly Activity Associated With Composted and Noncomposted Beef Cadavers and Laboratory Studies on Volatile Organic Compounds.

Metabolic inhibition reduces cardiac L-type Ca²⁺ channel current due to acidification caused by ATP hydrolysis.

Increased Frequency of Rheumatoid Arthritis and Allergic Rhinitis among Pesticide Sprayers and Associations with Pesticide Use.

The Complex Biology of the Aryl Hydrocarbon Receptor and Its Role in the Pituitary Gland.

Broad Spectrum Macromolecular Antimicrobials with Biofilm Disruption Capability and In Vivo Efficacy.

Multidirectional inhibition of cortico-hippocampal neurodegeneration by kolaviron treatment in rats.

A Simple Procedure for the Evaluation of Bone Vitality by Staining with a Tetrazolium Salt.

Benign and tumor parenchyma metabolomic profiles affect compensatory renal growth in renal cell carcinoma surgical patients.

Pesticide Exposure and Risk of Rheumatoid Arthritis among Licensed Male Pesticide Applicators in the Agricultural Health Study.

High Consumption of Iron Exacerbates Hyperlipidemia, Atherosclerosis, and Female Sterility in Zebrafish via Acceleration of Glycation and Degradation of Serum Lipoproteins.

Rho guanine nucleotide exchange factor (RGNEF) is a prosurvival factor under stress conditions.

Absence of the NOD2 protein renders epithelia more susceptible to barrier dysfunction due to mitochondrial dysfunction.

Protective effect of hydroxytyrosol in arsenic-induced mitochondrial dysfunction in rat brain.

Evaluation of processed borax as antidote for aconite poisoning.

Down-regulation of N-acetylase-N-sulfotransferase-1 signaling in the developing diaphragmatic vasculature of nitrofen-induced congenital diaphragmatic hernia.

Polychlorinated biphenyls exposure-induced insulin resistance is mediated by lipid droplet enlargement through Fsp27.

TCF21 and the environmental sensor aryl-hydrocarbon receptor cooperate to activate a pro-inflammatory gene expression program in coronary artery smooth muscle cells.

Dioxins and related environmental contaminants increase TDP-43 levels.

Protective Effects of Curcumin against Sodium Arsenite-induced Ovarian Oxidative Injury in a Mouse Model.

Preliminary research on DNA methylation changes during murine palatogenesis induced by TCDD.

Elastase and matrix metalloproteinase activities are associated with pulmonary vascular disease in the nitrofen rat model of congenital diaphragmatic hernia.

Downregulation of KCNQ5 expression in the rat pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Lower concentrations of receptor for advanced glycation end products and epiregulin in amniotic fluid correlate to chemically induced cleft palate in mice.

Evidence Favoring a Positive Feedback Loop for Physiologic Auto Upregulation of hnRNP-E1 during Prolonged Folate Deficiency in Human Placental Cells.

Inhibition of Kupffer cell functions modulates arsenic intoxication in Wistar rats.

Intracellular ATP in balance of pro- and anti-inflammatory cytokines in adipose tissue with and without tissue expansion.

Protective effects of levamisole, acetylsalicylic acid, and α -tocopherol against dioxin toxicity measured as the expression of AhR and COX-2 in a chicken embryo model.

Dose-response characteristics of Clematis triterpenoid saponins and clematichinenside AR in rheumatoid arthritis rats by liquid chromatography/mass spectrometry-based serum and urine metabolomics.

[Pollution Characteristics of Chlorobenzenes in Organs of Fish from Typical Epidemic Areas of Schistosomiasis Prevalence].

Endocrine Disruptors and Obesity.

Fluoride and arsenic exposure affects spatial memory and activates the ERK/CREB signaling pathway in offspring rats.

Cilostazol inhibits uremic toxin-induced vascular smooth muscle cell dysfunction: role of Axl signaling.

Targeted mitochondrial uncoupling beyond UCP1 - The fine line between death and metabolic health.

From the Cover: Embryonic Exposure to TCDD Impacts Osteogenesis of the Axial Skeleton in Japanese medaka, *Oryzias latipes*.

Effect of curcumin on kidney histopathological changes, lipid peroxidation and total antioxidant capacity of serum in sodium arsenite-treated mice.

Expression of T-box transcription factors 2, 4 and 5 is decreased in the branching airway mesenchyme of nitrofen-induced hypoplastic lungs.

Pesticides: an update of human exposure and toxicity.

Imbalance of NFATc2 and KV1.5 Expression in Rat Pulmonary Vasculature of Nitrofen-Induced Congenital Diaphragmatic Hernia.

Fibrillin-1 Expression Is Decreased in the Diaphragmatic Muscle Connective Tissue of Nitrofen-Induced Congenital Diaphragmatic Hernia.

Accelerated Bone Regeneration by Two-Photon Photoactivated Carbon Nitride Nanosheets.

Aryl hydrocarbon receptor suppresses the osteogenesis of mesenchymal stem cells in collagen-induced arthritic mice through the inhibition of β -catenin.

Environmental stresses induce transgenerationally inheritable survival advantages via germline-to-soma communication in *Caenorhabditis elegans*.

[Uremic toxins and gut micro biome].

Protein-bound uremic toxins - biological effects and impact on morbidity in patients with chronic kidney disease.

Mitochondrial Uncoupler Prodrug of 2,4-Dinitrophenol, MP201, Prevents Neuronal Damage and Preserves Vision in Experimental Optic Neuritis.

Activation of biologically relevant levels of reactive oxygen species by Au/g-C(3)N(4) hybrid nanozyme for bacteria killing and wound disinfection.

Ion Imbalance Is Involved in the Mechanisms of Liver Oxidative Damage in Rats Exposed to Glyphosate.

SOCE Is Important for Maintaining Sarcoplasmic Calcium Content and Release in Skeletal Muscle Fibers.

Tissue breathing and topology of rats thymocytes surface under acute total β -irradiation.

Effects of water extracts of *Rehmannia glutinosa* on antioxidant system of Nrf2 in paraquat-induced insulin resistance diabetic rat model.

Caffeine - rich infusion from *Cola nitida* (kola nut) inhibits major carbohydrate catabolic enzymes; abates redox imbalance; and modulates oxidative dysregulated metabolic pathways and metabolites in Fe(2+)-induced hepatic toxicity.

Lung regeneration after toxic injury is improved in absence of dioxin receptor.

A fatal case of acute bentazone overdose despite cricothyroidotomy during cardiopulmonary resuscitation.

Morphological and morphometrical changes on adult Wistar rat testis caused by chronic sodium arsenite exposure.

Arsenite Induces Vascular Endothelial Cell Dysfunction by Activating IRE1 \pm /XBP1s/HIF1 \pm -Dependent ANGII Signaling.

[(11)C]PF-3274167 as a PET radiotracer of oxytocin receptors: Radiosynthesis and evaluation in rat brain.

Actein alleviates 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated cellular dysfunction in osteoblastic MC3T3-E1 cells.

2, 3, 7, 8-Tetrachlorodibenzo-p-dioxin promotes endothelial cell apoptosis through activation of EP3/p38MAPK/Bcl-2 pathway.

Time courses of post-injury mitochondrial oxidative damage and respiratory dysfunction and neuronal cytoskeletal degradation in a rat model of focal traumatic brain injury.

A microfluidic microinjector for toxicological and developmental studies in *Drosophila* embryos.

The protective effect of hydroalcoholic extract of Ginger (*Zingiber officinale* Rosc.) against iron-induced functional and histological damages in rat liver and kidney.

Mdivi \hat{e} 1 attenuates sodium azide \hat{e} induced apoptosis in H9c2 cardiac muscle cells.

Imbalanced immune responses involving inflammatory molecules and immune-related pathways in the lung of acute and subchronic arsenic-exposed mice.

All-Trans Retinoic Acid Ameliorates Arsenic-Induced Oxidative Stress and Apoptosis in the Rat Uterus by Modulating MAPK Signaling Proteins.

Sodium arsenite-induced cardiovascular and renal dysfunction in rat via oxidative stress and protein kinase B (Akt/PKB) signaling pathway.

Novel Pathways of Ponatinib Disposition Catalyzed By CYP1A1 Involving Generation of Potentially Toxic Metabolites.

The roles of metabolic thermogenesis in body fat regulation in striped hamsters fed high-fat diet at different temperatures.

2,3',4,4',5-Pentachlorobiphenyl impairs insulin-induced NO production partly through excessive ROS production in endothelial cells.

Evaluation of a vital staining protocol with 2,3,5-triphenyltetrazolium chloride for cancellous bone in a sheep model.

Acetolactate Synthase-Inhibiting Gametocide Amidosulfuron Causes Chloroplast Destruction, Tissue Autophagy, and Elevation of Ethylene Release in Rapeseed.

Development of suspect and non-target screening methods for detection of organic contaminants in highway runoff and fish tissue with high-resolution time-of-flight mass spectrometry.

Loss of liver-specific and sexually dimorphic gene expression by aryl hydrocarbon receptor activation in C57BL/6 mice.

Inhibition of ALDH2 expression aggravates renal injury in a rat sepsis syndrome model.

Electrozymographic evaluation of the attenuation of arsenic induced degradation of hepatic SOD, catalase in an in vitro assay system by pectic polysaccharides of *Momordica charantia* in combination with curcumin.

Incidence and pathological study of *Explanatum explanatum* (Creplin, 1847) Fukui, 1929 in goats in Andhra Pradesh, India.

Chemical Transformations of the Fungal Meroterpenoid Dhilirolide A Reveal Skeletal Degradation and Rearrangement Reactions with Biosynthetic Implications.

Tissue-specific distributions of inorganic arsenic and its methylated metabolites, especially in cerebral cortex, cerebellum and hippocampus of mice after a single oral administration of arsenite.

CDC42 expression is altered by dioxin exposure and mediated by multilevel regulations via AhR in human neuroblastoma cells.

Identification of tissue-specific transcriptional markers of caloric restriction in the mouse and their use to evaluate caloric restriction mimetics.

PEDOT:PSS organic electrochemical transistor arrays for extracellular electrophysiological sensing of cardiac cells.

Hepatoprotective Role of *Hydrangea macrophylla* against Sodium Arsenite-Induced Mitochondrial-Dependent Oxidative Stress via the Inhibition of MAPK/Caspase-3 Pathways.

Real-Time Amperometric Recording of Extracellular H_2O_2 in the Brain of Immunocompromised Mice: An In Vitro, Ex Vivo and In Vivo Characterisation Study.

Multiscale Modulation of Nanocrystalline Cellulose Hydrogel via Nanocarbon Hybridization for 3D Neuronal Bilayer Formation.

Ameliorative effect of vitamin E and selenium against oxidative stress induced by sodium azide in liver, kidney, testis and heart of male mice.

Toxicological characterisation of two novel selective aryl hydrocarbon receptor modulators in Sprague-Dawley rats.

Glucose-sensitive self-healing hydrogel as sacrificial materials to fabricate vascularized constructs.

Peroxyoxalate Chemiluminescent Reaction as a Tool for Elimination of Tumour Cells Under Oxidative Stress.

Immunolocation of Heme Oxygenases in the Walls of Cerebral Arteries of Various Diameters in Rats.

Squamous epithelium formation in the respiratory intestine of the bronze *Corydoras aeneus* (Callichthyidae Teleostei).

Single-cell time-lapse imaging of intracellular O_2 in response to metabolic inhibition and mitochondrial cytochrome-c release.

Histopathological changes in zebrafish embryos exposed to DLPCBs extract from Zhanjiang coastal sediment.

Novel keratin modified bacterial cellulose nanocomposite production and characterization for skin tissue engineering.

Mechanistic insight into the effects of Aryl Hydrocarbon Receptor activation on osteogenic differentiation.

Multiple AMPK activators inhibit l-carnitine uptake in C2C12 skeletal muscle myotubes.

Expression of advanced glycation end-products and NF κ B in chick embryos exposed to dioxins and treated with acetylsalicylic acid and α -tocopherol.

Oxidative injury caused by individual and combined exposure of neonicotinoid, organophosphate and herbicide in zebrafish.

Fumarate Copolymer-Chitosan Cross-Linked Scaffold Directed to Osteochondrogenic Tissue Engineering.

Improved tissue culture conditions for the emerging C(4) model *Panicum hallii*.

Preparation of Non-human Primate Brain Tissue for Pre-embedding Immunohistochemistry and Electron Microscopy.

Characterization of E-NTPDase (EC 3.6.1.5) activity in hepatic lymphocytes: A different activity profile from peripheral lymphocytes.

The toxic effects of chlorophenols and associated mechanisms in fish.

SILAC-based quantitative proteomic analysis reveals widespread molecular alterations in human skin keratinocytes upon chronic arsenic exposure.

Pharmacodynamics of S-dimethylarsino-glutathione, a putative metabolic intermediate of inorganic arsenic, in mice.

Environmental Factors Impacting Bone-Relevant Chemokines.

De novo transcriptome assembly analysis of weed *Apera spica-venti* from seven tissues and growth stages.

Quantitative Global Proteomics of Yeast PBP1 Deletion Mutants and Their Stress Responses Identifies Glucose Metabolism, Mitochondrial, and Stress Granule Changes.

Beyond the Aryl Hydrocarbon Receptor: Pathway Interactions in the Hepatotoxicity of 2,3,7,8-Tetrachlorodibenzo-p-dioxin and Related Compounds.

Preventing False Negatives for Histochemical Detection of Phenolics and Lignins in PEG-Embedded Plant Tissues.

Synthesis and evaluation of 1-(cyclopropylmethyl)-4-(4-[(11C)methoxyphenyl]-piperidin-1-yl)-2-oxo-1,2-dihydropyridine-3-carbonitrile ([11C]CMDC) for PET imaging of metabotropic glutamate receptor 2 in the rat brain.

Arsenic levels among pregnant women and newborns in Canada: Results from the Maternal-Infant Research on Environmental Chemicals (MIREC) cohort.

Cellular ROS imaging with hydro-Cy3 dye is strongly influenced by mitochondrial membrane potential.

Structural-functional adaptations of porcine CYP1A1 to metabolize polychlorinated dibenzo-p-dioxins.

Review of Advances in Uroprotective Agents for Cyclophosphamide- and Ifosfamide-induced Hemorrhagic Cystitis.

Surface modified cellulose scaffolds for tissue engineering.

Plant regeneration from embryogenic callus derived from shoot apices and production of transgenic plants by particle inflow gun in dwarf napier grass (*Pennisetum purpureum* Schumach.).

Environmental Toxin Acrolein Alters Levels of Endogenous Lipids, Including TRP Agonists: A Potential Mechanism for Headache Driven by TRPA1 Activation.

Direct Organogenesis and Indirect Somatic Embryogenesis by In Vitro Reversion of Mature Female Floral Buds to a Vegetative State.

Can a Biodegradable Implanted Bilayered Drug Delivery System Loaded with BMP-2/BMP-12 Take an Effective Role in the Biological Repair Process of Bone-Tendon Injuries? A Preliminary Report.

Sirtuin-2 Protects Neural Cells from Oxidative Stress and Is Elevated in Neurodegeneration.

Benefits of Alcohol on Arsenic Toxicity in Rats.

Feeble Antipyretic, Analgesic, and Anti-inflammatory Activities were Found with Regular Dose 4'-O- β -D-Glucosyl-5-O-Methylvisamminol, One of the Conventional Marker Compounds for Quality Evaluation of *Radix Saposhnikoviae*.

The adjuvant use of calcium fructoborate and borax with etanercept in patients with rheumatoid arthritis: Pilot study.

Secondary Hemochromatosis due to Chronic Oral Iron Supplementation.

Hepatoprotective and antioxidant effects of dietary Glycyrrhiza polysaccharide against TCDD-induced hepatic injury and RT-PCR quantification of AHR2, ARNT2, CYP1A mRNA in Jian Carp (*Cyprinus carpio* var. Jian).

[Dose-effect relationship between vitamin C and paraquat poisoning rats].

Histone deacetylase inhibitors mediate DNA damage repair in ameliorating hemorrhagic cystitis.

The sublethal effects of (2,4-Dichlorophenoxy) acetic acid (2,4-D) on narrow-clawed crayfish (*Astacus leptodactylus* Eschscholtz, 1823).

Wartime toxin exposure: recognising the silent killer.

Curcumin inhibits paraquat induced lung inflammation and fibrosis by extracellular matrix modifications in mouse model.

Carvedilol attenuates paraquat-induced lung injury by inhibition of proinflammatory cytokines, chemokine MCP-1, NF- κ B activation and oxidative stress mediators.

Pyrrolidine dithiocarbamate attenuates paraquat-induced acute pulmonary poisoning in vivo via transforming growth factor β 1 and nuclear factor κ B pathway interaction.

Exposure to the widely used herbicide atrazine results in deregulation of global tissue-specific RNA transcription in the third generation and is associated with a global decrease of histone trimethylation in mice.

[Anti-oxidantive effect of methylene blue on acute lung injury induced by paraquat in rat].

Antioxidative response in variegated *Pelargonium zonale* leaves and generation of extracellular H_2O_2 in (peri)vascular tissue induced by sunlight and paraquat.

Mechanism of glyphosate control of *Phelipanche aegyptiaca*.

Rheumatoid Arthritis in Agricultural Health Study Spouses: Associations with Pesticides and Other Farm Exposures.

Inhibition of connective tissue growth factor attenuates paraquat-induced lung fibrosis in a human MRC-5 cell line.

Fresh water fish, *Channa punctatus*, as a model for pendimethalin genotoxicity testing: A new approach toward aquatic environmental contaminants.

MAPK pathway mediates epithelial-mesenchymal transition induced by paraquat in alveolar epithelial cells.

Salvianolic acid B protects against paraquat-induced pulmonary injury by mediating Nrf2/Nox4 redox balance and TGF- β 1/Smad3 signaling.

The receptor for activated C kinase 1 (RACK1) functions in hematopoiesis through JNK activation in Chinese mitten crab *Eriocheir sinensis*.

Continued Studies on the Effects of Simazine on the Liver Histological Structure and Metamorphosis in the Developing *Xenopus laevis*.

Rapid and efficient *Agrobacterium*-mediated transformation of sorghum (*Sorghum bicolor*) employing standard binary vectors and bar gene as a selectable marker.

Roundup(®) in Zebrafish: Effects on Oxidative Status and Gene Expression.

Effects of terbuthylazine-desethyl, a terbuthylazine degradation product, on red swamp crayfish (*Procambarus clarkii*).

Diindolylmethane and Lupeol Modulates Apoptosis and Cell Proliferation in N-Butyl-N-(4-Hydroxybutyl) Nitrosamine Initiated and Dimethylarsinic Acid Promoted rat Bladder Carcinogenesis.

Acute Acrolein Exposure Induces Impairment of Vocal Fold Epithelial Barrier Function.

Embryonic Atrazine Exposure Elicits Alterations in Genes Associated with Neuroendocrine Function in Adult Male Zebrafish.

Effects of atrazine on growth and sex differentiation, in juveniles of the freshwater crayfish *Cherax quadricarinatus*.

The herbicide atrazine induces hyperactivity and compromises tadpole detection of predator chemical cues.

Poly-ADP-ribose polymerase inhibition provides protection against lung injury in a rat paraquat toxicity model.

Accumulation and detoxication responses of the gastropod *Lymnaea stagnalis* to single and combined exposures to natural (cyanobacteria) and anthropogenic (the herbicide RoundUp® Flash) stressors.

The Protective Role of Thiourea on *Leuciscus cephalus* Exposed to Sublethal Doses of Pendigan 330EC (Pendimethalin) Herbicide.

Lycopene ameliorates atrazine-induced oxidative damage in adrenal cortex of male rats by activation of the Nrf2/HO-1 pathway.

Synergistic stress exacerbation in hippocampal neurons: Evidence favoring the dual-hit hypothesis of neurodegeneration.

[The role of transforming growth factor- β (1)/connective tissue growth factor signaling pathway in paraquat-induced pulmonary fibrosis].

Thymoquinone effectively alleviates lung fibrosis induced by paraquat herbicide through down-regulation of pro-fibrotic genes and inhibition of oxidative stress.

Protective effect of *Berberis vulgaris* fruit extract against Paraquat-induced pulmonary fibrosis in rats.

The herbicide glyphosate is a weak inhibitor of acetylcholinesterase in rats.

Human exposure to acrolein: Time-dependence and individual variation in eye irritation.

Unilateral microinjection of acrolein into thoracic spinal cord produces acute and chronic injury and functional deficits.

Effects of pentachlorophenol on the detoxification system in white-rumped munia (*Lonchura striata*).

The functional role of the photosynthetic apparatus in the recovery of *Brassica napus* plants from pre-emergent metazachlor exposure.

Proposed Mode of Action for Acrolein Respiratory Toxicity Associated with Inhaled Tobacco Smoke.

Imazapyr+imazapic herbicide determines acute toxicity in silver catfish *Rhamdia quelen*.

Impacts of 2,4-dichlorophenoxyacetic acid aquatic herbicide formulations on reproduction and development of the fathead minnow (*Pimephales promelas*).

Effects of glyphosate on hepatic tissue evaluating melanomacrophages and erythrocytes responses in neotropical anuran *Leptodactylus latinasus*.

Acute paraquat exposure determines dose-dependent oxidative injury of multiple organs and metabolic dysfunction in rats: impact on exercise tolerance.

Activating Peroxisome Proliferator-Activated Receptors (PPARs): a New Sight for Chrysophanol to Treat Paraquat-Induced Lung Injury.

Effects of the exposure to atrazine on bone development of *Podocnemis expansa* (Testudines, Podocnemididae).

Exposure to different glyphosate formulations on the oxidative and histological status of *Rhamdia quelen*.

Atrazine exposure causes mitochondrial toxicity in liver and muscle cell lines.

Exposure to a glyphosate-based herbicide during pregnancy and lactation induces neurobehavioral alterations in rat offspring.

An embryonic atrazine exposure results in reproductive dysfunction in adult zebrafish and morphological alterations in their offspring.

Mechanism of Developmental Effects in Rats Caused by an N-Phenylimide Herbicide: Transient Fetal Anemia and Sequelae during Mid-to-Late Gestation.

Acute paraquat exposure impairs colonic motility by selectively attenuating nitrergic signalling in the mouse.

The role of L-type amino acid transporters in the uptake of glyphosate across mammalian epithelial tissues.

Reduced salinity increases susceptibility of zooxanthellate jellyfish to herbicide toxicity during a simulated rainfall event.

Acrolein-mediated conduction loss is partially restored by K^+ channel blockers.

Transcriptional profiles of glutathione-S-Transferase isoforms, Cyp, and AOE genes in atrazine-exposed zebrafish embryos.

Effects of diphenyl diselenide on growth, oxidative damage, and antioxidant response in silver catfish.

Radix puerariae extracts ameliorate paraquat-induced pulmonary fibrosis by attenuating follistatin-like 1 and nuclear factor erythroid 2p45-related factor-2 signalling pathways through downregulation of miRNA-21 expression.

Carbonyl Compounds in the Gas Phase of Cigarette Mainstream Smoke and Their Pharmacological Properties.

[The protective effect of bone marrow mesenchymal stem cells carrying antioxidant gene superoxide dismutase on paraquat lung injury in mice].

KLF2 and caveolin-1 as early indicators of acute lung injury induced by paraquat.

Effects of high doses of dexamethasone on hemodynamic and immunohistochemical characteristics of acute paraquat intoxication in rat kidneys.

Paraquat induce pulmonary epithelial-mesenchymal transition through transforming growth factor- β 1-dependent mechanism.

Effects of Neonicotinoids on Promoter-Specific Expression and Activity of Aromatase (CYP19) in Human Adrenocortical Carcinoma (H295R) and Primary Umbilical Vein Endothelial (HUVEC) Cells.

Metabolic changes in rat urine after acute paraquat poisoning and discriminated by support vector machine.

Toxicity of atrazine, glyphosate, and quinclorac in bullfrog tadpoles exposed to concentrations below legal limits.

Skin diseases associated with Agent Orange and other organochlorine exposures.

Comparative toxicity of Paraquat herbicide and some plant extracts in *Lymnaea natalensis* snails.

The effects of resveratrol against trifluralin toxicity in the urinary tract of rats.

A neoflavonoid dalsissoal isolated from heartwood of *Dalbergia sissoo* Roxb. has bone forming effects in mice model for osteoporosis.

Trans-Cinnamaldehyde, An Essential Oil in Cinnamon Powder, Ameliorates Cerebral Ischemia-Induced Brain Injury via Inhibition of Neuroinflammation Through Attenuation of iNOS, COX-2 Expression and NF κ -B Signaling Pathway.

Derivatization Strategy for the Comprehensive Characterization of Endogenous Fatty Aldehydes Using HPLC-Multiple Reaction Monitoring.

Roles of catalase and glutathione peroxidase in the tolerance of a pulmonate gastropod to anoxia and reoxygenation.

Integrated long non-coding RNA analyses identify novel regulators of epithelial-mesenchymal transition in the mouse model of pulmonary fibrosis.

Military service, deployments, and exposures in relation to amyotrophic lateral sclerosis etiology.

Aggravation of brain infarction through an increase in acrolein production and a decrease in glutathione with aging.

Oxidative Stress Triggers Body-Wide Skipping of Multiple Exons of the Spinal Muscular Atrophy Gene.

Superoxide-hydrogen peroxide imbalance interferes with colorectal cancer cells viability, proliferation and oxaliplatin response.

Impact of 3-Amino-1,2,4-Triazole (3-AT)-Derived Increase in Hydrogen Peroxide Levels on Inflammation and Metabolism in Human Differentiated Adipocytes.

Cinnamaldehyde supplementation prevents fasting-induced hyperphagia, lipid accumulation, and inflammation in high-fat diet-fed mice.

Structural and biochemical abnormalities in the absence of acute deficits in mild primary blast-induced head trauma.

A low toxicity synthetic cinnamaldehyde derivative ameliorates renal inflammation in mice by inhibiting NLRP3 inflammasome and its related signaling pathways.

Protective Effect of Astragaloside IV Against Paraquat-Induced Lung Injury in Mice by Suppressing Rho Signaling.

Novel Role of Endogenous Catalase in Macrophage Polarization in Adipose Tissue.

Recent Progress in Analytical Methods for Determination of Urinary 3-Hydroxypropylmercapturic Acid, a Major Metabolite of Acrolein.

[The effect of resveratrol on paraquat-induced acute lung injury in mice and its mechanism].

Effects of Food Components That Activate TRPA1 Receptors on Mucosal Ion Transport in the Mouse Intestine.

[Effect of heme oxygenase-1 transduced by cell penetrating peptide PEP-1 on renal injury in rats with acute paraquat poisoning].

Pharmaceutically active compounds and endocrine disrupting chemicals in water, sediments and mollusks in mangrove ecosystems from Singapore.

Engineering Enriched Microenvironments with Gradients of Platelet Lysate in Hydrogel Fibers.

Differential effects of superoxide and hydrogen peroxide on myogenic signaling, membrane potential, and contractions of mouse renal afferent arterioles.

Assessment of tick antioxidant responses to exogenous oxidative stressors and insight into the role of catalase in the reproductive fitness of the Gulf Coast tick, *Amblyomma maculatum*.

Whirling agitated single drop microextraction technique for the simultaneous analysis of Paraquat and Maneb in tissue samples of treated mice.

PBPK Model for Atrazine and Its Chlorotriazine Metabolites in Rat and Human.

[The expressions of intercellular adhesion molecule-1 in renal tissue of rats with paraquat poisoning and the effect of melatonin].

Effects of TRP channel agonist ingestion on metabolism and autonomic nervous system in a randomized clinical trial of healthy subjects.

Arsenic speciation and susceptibility to oxidative stress in the fanworm *Sabella spallanzanii* (Gmelin) (Annelida, Sabellidae) under naturally acidified conditions: An in situ transplant experiment in a Mediterranean CO₂ vent system.

Risk assessment of triazine herbicides in surface waters and bioaccumulation of Irgarol and M1 by submerged aquatic vegetation in Southeast Florida.

Hormonal and epigenetic regulation during embryogenic tissue habituation in *Cucurbita pepo* L.

Candesartan ameliorates arsenic-induced hypertensive vascular remodeling by regularizing angiotensin II and TGF-beta signaling in rats.

Hypothalamic L-Histidine Decarboxylase Is Up-Regulated During Chronic REM Sleep Deprivation of Rats.

The Role of Mitochondrial Aldehyde Dehydrogenase 2 (ALDH2) in Neuropathology and Neurodegeneration.

N-[(11)CH(3)]Dimethylaminoparthenolide (DMAPT) uptake into orthotopic 9LSF glioblastoma tumors in the rat.

Mortality risk among workers with exposure to dioxins.

Aryl Hydrocarbon Receptor Ligands in Cigarette Smoke Induce Production of Interleukin-22 to Promote Pancreatic Fibrosis in Models of Chronic Pancreatitis.

Expression of Prx1 and Tcf4 is decreased in the diaphragmatic muscle connective tissue of nitrofen-induced congenital diaphragmatic hernia.

Downregulation of Forkhead box F1 gene expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Decreased Desmin expression in the developing diaphragm of the nitrofen-induced congenital diaphragmatic hernia rat model.

Collagen analysis of the ascending aortic dilatation associated with bicuspid aortic valve disease compared with tricuspid aortic valve.

Distribution of persistent organic pollutants in serum, omental, and parietal adipose tissue of French women with deep infiltrating endometriosis and circulating versus stored ratio as new marker of exposure.

Protective effects of quercetin against arsenic-induced testicular damage in rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) increases necroinflammation and hepatic stellate cell activation but does not exacerbate experimental liver fibrosis in mice.

Communities of endophytic microorganisms in different developmental stages from a local variety as well as transgenic and conventional isogenic hybrids of maize.

Lipocalin 2 as a new biomarker for fetal lung hypoplasia in congenital diaphragmatic hernia.

2,3,7,8-Tetrachlorodibenzo-p-dioxin Mediated Cleft palate by Mouse Embryonic Palate Mesenchymal Cells.

Organochlorine contaminants in the muscle, liver and brain of seabirds (Larus) from the coastal area of the Southern Baltic.

Electrophoretic stacking for sensitive determination of antibiotic ceftazidime in human blood and microdialysates from diabetic foot.

Co-delivery of doxorubicin and recombinant plasmid pHSP70-Plk1-shRNA by bacterial magnetosomes for osteosarcoma therapy.

Reduced stress granule formation and cell death in fibroblasts with the A382T mutation of TARDBP gene: evidence for loss of TDP-43 nuclear function.

Carbamylated Low-Density Lipoproteins Induce a Prothrombotic State Via LOX-1: Impact on Arterial Thrombus Formation In Vivo.

Mammary Gland Evaluation in Juvenile Toxicity Studies: Temporal Developmental Patterns in the Male and Female Harlan Sprague-Dawley Rat.

Atorvastatin attenuates p-cresyl sulfate-induced atherogenesis and plaque instability in ApoE knockout mice.

The effects of fat loss after bariatric surgery on inflammation, serum hepcidin, and iron absorption: a prospective 6-mo iron stable isotope study.

Participation of protein kinases in cytotoxic and proapoptotic effects of ethylene glycol ethers and their metabolites in SH-SY5Y cells.

Decreased expression of hepatocyte growth factor in the nitrofen model of congenital diaphragmatic hernia.

Arsenic and subclinical vascular damage in a sample of Italian young adults: a cross-sectional analysis.

Potential interactions among disease, pesticides, water quality and adjacent land cover in amphibian habitats in the United States.

Hypermetabolism in B-lymphocytes from malignant hyperthermia susceptible individuals.

Environmental Exposures and Parkinson's Disease.

[Global DNA methylation changes during palatal formation in fetal mice induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin].

p-Cresyl sulfate promotes the formation of atherosclerotic lesions and induces plaque instability by targeting vascular smooth muscle cells.

Endometrial expression and in vitro modulation of the iron transporter divalent metal transporter-1: implications for endometriosis.

Balneotherapy in rheumatoid arthritis-a systematic review.

Oxygen consumption deficit in Huntington disease mouse brain under metabolic stress.

Dioxin-like pollutants increase hepatic flavin containing monooxygenase (FMO3) expression to promote synthesis of the pro-atherogenic nutrient biomarker trimethylamine N-oxide from dietary precursors.

Inducing autotetraploids in cassava using oryzalin and colchicine and their in vitro morphophysiological effects.

Design, biological evaluation and 3D QSAR studies of novel dioxin-containing pyrazoline derivatives with thiourea skeleton as selective HER-2 inhibitors.

Inflammation, glucose, and vascular cell damage: the role of the pentose phosphate pathway.

In vitro effect of sodium arsenite on *Echinococcus granulosus* protoscoleces.

Enhanced cyclooxygenase-2 expression levels and metalloproteinase 2 and 9 activation by Hexachlorobenzene in human endometrial stromal cells.

Associations among chronic kidney disease, high total p-cresylsulfate and left ventricular systolic dysfunction.

Decreased expression of monocarboxylate transporter 1 and 4 in the branching airway epithelium of nitrofen-induced congenital diaphragmatic hernia.

Aryl hydrocarbon receptor knockout rats are insensitive to the pathological effects of repeated oral exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Digoxin reduces atherosclerosis in apolipoprotein E-deficient mice.

Immunomodulation By Subchronic Low Dose 2,3,7,8-Tetrachlorodibenzo-p-Dioxin in Experimental Autoimmune Encephalomyelitis in the Absence of Pertussis Toxin.

In Utero and Lactational TCDD Exposure Increases Susceptibility to Lower Urinary Tract Dysfunction in Adulthood.

Pur-alpha regulates cytoplasmic stress granule dynamics and ameliorates FUS toxicity.

Untargeted plasma and tissue metabolomics in rats with chronic kidney disease given AST-120.

Comparison of Different Matrices as Potential Quality Control Samples for Neurochemical Dementia Diagnostics.

Evaluation of Safety of Iron-Fortified Soybean Sprouts, a Potential Component of Functional Food, in Rat.

Lactational exposure of mice to low levels of non-dioxin-like polychlorinated biphenyls increases susceptibility to neuronal stress at a mature age.

Effects of in Utero Exposure to Arsenic during the Second Half of Gestation on Reproductive End Points and Metabolic Parameters in Female CD-1 Mice.

Oral nanoparticulate curcumin combating arsenic-induced oxidative damage in kidney and brain of rats.

The role of peroxiredoxin 4 in inflammatory response and aging.

The Role of Activin Receptor-Like Kinase 1 Signaling in the Pulmonary Vasculature of Experimental Diaphragmatic Hernia.

Mesenchymal expression of the FRAS1/FREM2 gene unit is decreased in the developing fetal diaphragm of nitrofen-induced congenital diaphragmatic hernia.

p-Cresyl sulfate is associated with carotid arteriosclerosis in hemodialysis patients and promotes atherogenesis in apoE^{-/-} mice.

Gene Expression of FRAS1-Related Extracellular Matrix 1 Is Decreased in Nitrofen-Induced Congenital Diaphragmatic Hernia.

Activation of ALDH2 with Low Concentration of Ethanol Attenuates Myocardial Ischemia/Reperfusion Injury in Diabetes Rat Model.

Melatonergic System in Parkinson's Disease: From Neuroprotection to the Management of Motor and Nonmotor Symptoms.

An Overview on the Role of α -Synuclein in Experimental Models of Parkinson's Disease from Pathogenesis to Therapeutics.

[Application of Metabolomics to Multiple Chemical Sensitivity Research].

Functional characterization of the RYR1 mutation p.Arg4737Trp associated with susceptibility to malignant hyperthermia.

The role of aryl hydrocarbon receptor (AhR) in the pathology of pleomorphic adenoma in parotid gland.

Molecular imaging of aurora kinase A (AURKA) expression: Synthesis and preclinical evaluation of radiolabeled alisertib (MLN8237).

Protective Effects of Combined Selenium and Punica granatum Treatment on Some Inflammatory and Oxidative Stress Markers in Arsenic-Induced Hepatotoxicity in Rats.

Specific Caleosin/Peroxygenase and Lipoxygenase Activities Are Tissue-Differentially Expressed in Date Palm (*Phoenix dactylifera* L.) Seedlings and Are Further Induced Following Exposure to the Toxin 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Riluzole But Not Melatonin Ameliorates Acute Motor Neuron Degeneration and Moderately Inhibits SOD1-Mediated Excitotoxicity Induced Disrupted Mitochondrial Ca(2+) Signaling in Amyotrophic Lateral Sclerosis.

Concentration and congener pattern of polychlorinated biphenyls in blubber and liver of Hubbs' beaked whale (*Mesoplodon carlhubbsi*), using a sulfoxide and an Ag-ION solid phase extraction cartridge as a simplified cleanup technique for biological samples.

Haptotactic Plasma Polymerized Surfaces for Rapid Tissue Regeneration and Wound Healing.

Effects of Liposomes Charge on Extending Sciatic Nerve Blockade of N-ethyl Bromide of Lidocaine in Rats.

Influence of LED light spectra on in vitro somatic embryogenesis and LC-MS analysis of chlorogenic acid and rutin in *Peucedanum japonicum* Thunb.: a medicinal herb.

Carbon-14 radiolabeling and tissue distribution evaluation of MMV390048.

Congener-specific levels and patterns of polychlorinated biphenyls in edible fish tissue from the central Red Sea coast of Saudi Arabia.

Does 2,4-dichlorophenoxyacetic acid (2,4-D) induce genotoxic effects in tissue cultured *Allium* roots?

Melatonin Application to *Pisum sativum* L. Seeds Positively Influences the Function of the Photosynthetic Apparatus in Growing Seedlings during Paraquat-Induced Oxidative Stress.

Protective Effects of Essential Oils as Natural Antioxidants against Hepatotoxicity Induced by Cyclophosphamide in Mice.

Assessment of oxidative stress and activities of antioxidant enzymes depicts the negative systemic effect of iron-containing fertilizers and plant phenolic compounds in the desert locust.

Soil organic matter content effects on dermal pesticide bioconcentration in American toads (*Bufo americanus*).

Study of the inhibition effect of thiazone on muscle optical clearing.

Mechanisms of Action Point Towards Combined PBDE/NDL-PCB Risk Assessment.

Histological and Transcriptomic Changes in Male Zebrafish Testes Due to Early Life Exposure to Low Level 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Formyl peptide receptor modulators: a patent review and potential applications for inflammatory diseases (2012-2015).

Arsenic and arsenic species in shellfish and finfish from the western Arabian Gulf and consumer health risk assessment.

Odorants specifically modulate chemotaxis and tissue retention of CD4+ T cells via cyclic adenosine monophosphate induction.

Erratum to: Does 2,4-dichlorophenoxyacetic acid (2,4-D) induce genotoxic effects in tissue cultured *Allium* roots?

A simple standard technique for labyrinthectomy in the rat: A methodical communication with a detailed description of the surgical process.

Specific carotenoid pigments in the diet and a bit of oxidative stress in the recipe for producing red carotenoid-based signals.

Toxicogenomic applications of Chinese rare minnow (*Gobiocypris rarus*) in aquatic toxicology.

Microfluidic-based non-enzymatic glycation enhances cross-linking of human scleral tissue compared to conventional soaking.

Aryl hydrocarbon receptor-ligand axis mediates pulmonary fibroblast migration and differentiation through increased arachidonic acid metabolism.

Tyrosine Detoxification Is an Essential Trait in the Life History of Blood-Feeding Arthropods.

[Effect of chronic arsenic exposure on mouse brain tissue and serum metabolomics].

Perinatal Exposure to Glufosinate Ammonium Herbicide Impairs Neurogenesis and Neuroblast Migration through Cytoskeleton Destabilization.

The beneficial effects of Montelukast against 2,3,7,8-tetrachlorodibenzo- p -dioxin toxicity in female reproductive system in rats.

Identification of aryl hydrocarbon receptor signaling pathways altered in TCDD-treated red seabream embryos by transcriptome analysis.

Optical coherence tomography angiography offers comprehensive evaluation of skin optical clearing in vivo by quantifying optical properties and blood flow imaging simultaneously.

Metabolic Pathway Involved in 6-Chloro-2-Benzoxazolinone Degradation by *Pigmentiphaga* sp. Strain DL-8 and Identification of the Novel Metal-Dependent Hydrolase CbaA.

Multi-tissue metabolic responses of goldfish (*Carassius auratus*) exposed to glyphosate-based herbicide.

Toxic effects of glyphosate-based herbicide, Excel Mera 71 on gill, liver, and kidney of *Heteropneustes fossilis* under laboratory and field conditions.

Oleuropein ameliorates arsenic induced oxidative stress in mice.

Effect of retinyl acetate on transglutaminase 2 activity in carcinogen treated rat liver.

Mitigation of sensory and motor deficits by acrolein scavenger phenelzine in a rat model of spinal cord contusive injury.

Multivariate approach to gill pathology in European sea bass after experimental exposure to cadmium and terbuthylazine.

Conformation of ryanodine receptor-2 gates store-operated calcium entry in rat pulmonary arterial myocytes.

Transgenic Overexpression of Aryl Hydrocarbon Receptor Repressor (AhRR) and AhR-Mediated Induction of CYP1A1, Cytokines, and Acute Toxicity.

Biochemical, Transcriptional, and Bioinformatic Analysis of Lipid Droplets from Seeds of Date Palm (*Phoenix dactylifera* L.) and Their Use as Potent Sequestration Agents against the Toxic Pollutant, 2,3,7,8-Tetrachlorinated Dibenzo-p-Dioxin.

p-cresol but not p-cresyl sulfate stimulate MCP-1 production via NF- κ B p65 in human vascular smooth muscle cells.

Involvement of endogenous antioxidant systems in the protective activity of pituitary adenylate cyclase-activating polypeptide against hydrogen peroxide-induced oxidative damages in cultured rat astrocytes.

The effects of CYP1A inhibition on alkyl-phenanthrene metabolism and embryotoxicity in marine medaka (*Oryzias melastigma*).

A Microfabricated Platform for Generating Physiologically-Relevant Hepatocyte Zonation.

Defective excitation-contraction coupling is partially responsible for impaired contractility in hindlimb muscles of *Stac3* knockout mice.

Synthesis and Preclinical Evaluation of ¹¹C-UCB-J as a PET Tracer for Imaging the Synaptic Vesicle Glycoprotein 2A in the Brain.

Effect of Acetyl-L-Carnitine on Antioxidant Status, Lipid Peroxidation, and Oxidative Damage of Arsenic in Rat.

Aryl hydrocarbon receptor deletion in cerebellar granule neuron precursors impairs neurogenesis.

Aortic smooth muscle cell alterations in mice systemically exposed to arsenic.

Anti-inflammatory Montelukast prevents toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin: Oxidative stress, histological alterations in liver, and serum cytokine levels.

Use of a combined effect model approach for discriminating between ABCB1- and ABCC1-type efflux activities in native bivalve gill tissue.

Treatment of Resistant Cyclophosphamide Induced Haemorrhagic Cystitis: Review of Literature and Three Case Reports.

Polychlorinated biphenyl 126 exposure in L6 myotubes alters glucose metabolism: a pilot study.

Prenatal Exposure to Arsenic Impairs Behavioral Flexibility and Cortical Structure in Mice.

No evidence for oxidative stress in the cerebellar tissues or cells of juvenile male mice exposed via lactation to the 6 non-dioxin-like PCBs at levels below the regulatory safe limits for humans.

[COMPARATIVE STUDY OF Ca^{2+} EFFECT ON CALCIUM-DEPENDENT PROCESSES IN FROG CARDIAC MUSCLE AND IN MITOCHONDRIA OF RAT CARDIOMYOCYTES].

Functional optical coherence tomography of rat olfactory bulb with periodic odor stimulation.

Attenuation of hepatotoxicity and oxidative stress in diabetes STZ-induced type 1 by biotin in Swiss albino mice.

European sea bass gill pathology after exposure to cadmium and terbuthylazine: expert versus fractal analysis.

Arsenic and smokeless tobacco induce genotoxicity, sperm abnormality as well as oxidative stress in mice in vivo.

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) increases human hepatic stellate cell activation.

Non-dioxin-like Polychlorinated Biphenyls (PCBs) and Chlordecone Release from Adipose Tissue to Blood in Response to Body Fat Mobilization in Ewe (*Ovis aries*).

Chemically Contaminated Eel Fed to Pregnant and Lactating Mouse Dams Causes Hyperactivity in Their Offspring.

Combined effects of n-TiO₂ and 2,3,7,8-TCDD in *Mytilus galloprovincialis* digestive gland: A transcriptomic and immunohistochemical study.

Mechanisms of thaxtomin A-induced root toxicity revealed by a thaxtomin A sensitive *Arabidopsis* mutant (*ucu2-2/gi-2*).

Multistress effects on goldfish (*Carassius auratus*) behavior and metabolism.

Kolaviron was protective against sodium azide (NaN₃) induced oxidative stress in the prefrontal cortex.

Astaxanthin Inhibits Expression of Retinal Oxidative Stress and Inflammatory Mediators in Streptozotocin-Induced Diabetic Rats.

Divergent Effects of Dioxin- or Non-Dioxin-Like Polychlorinated Biphenyls on the Apoptosis of Primary Cell Culture from the Mouse Pituitary Gland.

Arsenic induced hematological and biochemical responses in nutritionally important catfish *Clarias batrachus* (L.).

Evaluation of functioning of mitochondrial electron transport chain with NADH and FAD autofluorescence.

Concentration of polychlorinated biphenyl (PCB) congeners in the muscle of *Clarias gariepinus* and sediment from inland rivers of southwestern Nigeria and estimated potential human health consequences.

Effects of Antioxidant N-acetylcysteine Against Paraquat-Induced Oxidative Stress in Vital Tissues of Mice.

Arsenite accumulation in the mouse eye.

Plantlet Regeneration of Tartary Buckwheat (*Fagopyrum tataricum* Gaertn.) in Vitro Tissue Cultures.

Antioxidant Potential of *Spirulina platensis* Mitigates Oxidative Stress and Reprotoxicity Induced by Sodium Arsenite in Male Rats.

Severe Endobronchial Inflammation Induced by Aspiration of a Ferrous Sulfate Tablet.

The onset of lipid peroxidation in rheumatoid arthritis: consequences and monitoring.

Promoter isolation and characterization of GhAO-like1, a *Gossypium hirsutum* gene similar to multicopper oxidases that is highly expressed in reproductive organs.

Somatic Embryogenesis in Horse Chestnut (*Aesculus hippocastanum* L.).

Somatic Embryogenesis in Olive (*Olea europaea* L. subsp. *europaea* var. *sativa* and var. *sylvestris*).

Phenylephrine preconditioning in embryonic heart H9c2 cells is mediated by up-regulation of SUR2B/Kir6.2: A first evidence for functional role of SUR2B in sarcolemmal KATP channels and cardioprotection.

Xyloglucan Deficiency Disrupts Microtubule Stability and Cellulose Biosynthesis in Arabidopsis, Altering Cell Growth and Morphogenesis.

Ameliorative effect of quercetin against arsenic-induced sperm DNA damage and daily sperm production in adult male rats.

Thioredoxin-2 overexpression fails to rescue chronic high calorie diet induced hippocampal dysfunction.

Delivery of a protein transduction domain-mediated Prdx6 protein ameliorates oxidative stress-induced injury in human and mouse neuronal cells.

Methylation of inorganic arsenic by murine fetal tissue explants.

Maternally transferred dioxin-like compounds can affect the reproductive success of European eel.

The impact of combined administration of paraquat and maneb on motor and non-motor functions in the rat.

Analysis of Moms Across America report suggesting bioaccumulation of glyphosate in U.S. mother's breast milk: Implausibility based on inconsistency with available body of glyphosate animal toxicokinetic, human biomonitoring, and physico-chemical data.

Involvement of epithelial-to-mesenchymal transition and associated transforming growth factor- β /Smad signaling in paraquat-induced pulmonary fibrosis.

trans-Cinnamaldehyde stimulates mitochondrial biogenesis through PGC-1 α and PPAR γ leading to enhanced GLUT4 expression.

The effects of gestational and chronic atrazine exposure on motor behaviors and striatal dopamine in male Sprague-Dawley rats.

Discovery of a novel neuroprotectant, BHDPC, that protects against MPP $^{+}$ /MPTP-induced neuronal death in multiple experimental models.

Artificial sweetener neohesperidin dihydrochalcone showed antioxidative, anti-inflammatory and anti-apoptosis effects against paraquat-induced liver injury in mice.

Histopathological and ultramicroscopical changes in gill, liver and kidney of *Anabas testudineus* (Bloch) after chronic intoxication of almix (metsulfuron methyl 10.1%+chlorimuron ethyl 10.1%) herbicide.

Bioaccumulation and neurotoxicity of dithiopyridine herbicide in the brain of freshwater fish, *Cyprinus carpio*.

[A case of rhabdomyolysis, acute renal failure induced by paraquat poisoning].

[Effect of total flavonoids from *Astragalus complanatus* on paraquat poisoning-induced pulmonary fibrosis in rats and its mechanisms].

Blowfly Larval Tissues as a Secondary Detector for Determining Paraquat-Related Death in Rabbit Carcass.

Protective effects of caffeic acid phenethyl ester on dose-dependent intoxication of rats with paraquat.

Cigarette side-stream smoke lung and bladder carcinogenesis: inducing mutagenic acrolein-DNA adducts, inhibiting DNA repair and enhancing anchorage-independent-growth cell transformation.

Hyperbaric oxygen treatment ameliorates lung injury in paraquat intoxicated rats.

Molecular characterization of heat-shock protein 90 gene and its expression in *Gobiocypris rarus* juveniles exposed to pentachlorophenol.

Toxicity of diuron in human cancer cells.

Diquat causes caspase-independent cell death in SH-SY5Y cells by production of ROS independently of mitochondria.

Cardiotoxic Electrophysiological Effects of the Herbicide Roundup(®) in Rat and Rabbit Ventricular Myocardium In Vitro.

[Inhibitory effects of curcumin on inflammatory cytokines in rats with paraquat poisoning].

[Hemoperfusion alleviated paraquat-induced kidney inflammation injury of rabbit].

[The effect of signal transduction pathway of triggering receptor-1 expressed on myeloid cells in acute lung injury induced by paraquat in rats].

RETRACTED: Glyphosate herbicide induces genotoxic effect and physiological disturbances in *Bulinus truncatus* snails.

NLRP3 inflammasome activation by mitochondrial reactive oxygen species plays a key role in long-term cognitive impairment induced by paraquat exposure.

A collection of cytochrome P450 monooxygenase genes involved in modification and detoxification of herbicide atrazine in rice (*Oryza sativa*) plants.

Energy reserves mobilization in the yellow eel as herbicide exposure effect.

Influence of pesticide exposure on carbonic anhydrase II from sheep stomach.

Transcriptome profile analysis reflects rat liver and kidney damage following chronic ultra-low dose Roundup exposure.

Toxicity of environmental Gesagard to goldfish may be connected with induction of low intensity oxidative stress in concentration- and tissue-related manners.

Developmental toxicity assessment of the new turf herbicide, methiozolin ([5-(2,6-difluorobenzyl)oxymethyl-5-methyl-3,3(3-methylthiophen-2-yl)-1,2-isoxazoline]), in rabbits.

Fluorescence labeling of carbonylated lipids and proteins in cells using coumarin-hydrazide.

Proteomics analysis of *Xenopus laevis* gonad tissue following chronic exposure to atrazine.

The Effects of Simazine, a Chlorotriazine Herbicide, on the Expression of Genes in Developing Male *Xenopus laevis*.

Cinnamaldehyde in a Novel Intravenous Submicrometer Emulsion: Pharmacokinetics, Tissue Distribution, Antitumor Efficacy, and Toxicity.

Arsenic and Its Methylated Metabolites Inhibit the Differentiation of Neural Plate Border Specifier Cells.

A Novel Phenolic Compound, Chloroxynil, Improves Agrobacterium-Mediated Transient Transformation in *Lotus japonicus*.

Analyzing *Arabidopsis thaliana* root proteome provides insights into the molecular bases of enantioselective imazethapyr toxicity.

Developmental origins of neurotransmitter and transcriptome alterations in adult female zebrafish exposed to atrazine during embryogenesis.

Evaluation of early changes induced by diuron in the rat urinary bladder using different processing methods for scanning electron microscopy.

Proteomic and histopathological response in the gills of *Poecilia reticulata* exposed to glyphosate-based herbicide.

Connective tissue growth factor stimulates the proliferation, migration and differentiation of lung fibroblasts during paraquat-induced pulmonary fibrosis.

Effects of subchronic exposure to glyphosate in juvenile oysters (*Crassostrea gigas*): From molecular to individual levels.

Phenoxy herbicides, soft-tissue sarcoma and non-Hodgkin lymphoma: a systematic review of evidence from cohort and case-control studies.

Soft tissue sarcoma, non-Hodgkin's lymphoma and chronic lymphocytic leukaemia in workers exposed to phenoxy herbicides: extended follow-up of a UK cohort.

Adiponectin attenuates lung fibroblasts activation and pulmonary fibrosis induced by paraquat.

[The study of kidney injury in rats with acute paraquat poisoning].

[The expressions of P38 mitogen-activated protein kinases and JNK mitogen-activated protein kinases in the renal tissue of rats with acute paraquat poisoning and the therapeutical effects of melatonin].

[The effect of paraquat on voltage-dependent anion channel and caspase-3, 8, 9 in the mitochondria of rat lung].

[Effects of shRNA interference the expression of connective tissue growth factor mediated by lentivirus in lung fibrosis of paraquat poisoning rats].

[Effect of hydrogen-saline on lung injury and heme oxygenase-1 expression in the lung tissue of acute paraquat-intoxicated mice].

Multiparametric characterisation of neuronal network activity for in vitro agrochemical neurotoxicity assessment.

Integrated assessment of biomarker response in carp (*Cyprinus carpio*) and silver catfish (*Rhamdia quelen*) exposed to clomazone.

Losartan attenuates paraquat-induced pulmonary fibrosis in rats.

$\hat{\pm}$, \hat{r}^2 -Unsaturated aldehyde pollutant acrolein suppresses cardiomyocyte contractile function: Role of TRPV1 and oxidative stress.

Histopathological effects of atrazine on gills of Caspian kutum *Rutilus frisii* kutum fingerlings.

[Expression of heme oxygenase-1 in lung tissue of paraquat poisoned mice and its significance].

[Inhibition of pulmonary nuclear factor- κ B and tumor necrosis factor- α expression by diallyl sulfide in rats with paraquat poisoning].

[Effect of rhubarb as the main composition of sequential treatment in patients with acute paraquat poisoning: a prospective clinical research].

Subcellular energy balance of *Odontesthes bonariensis* exposed to a glyphosate-based herbicide.

Increased toll-like receptor 9 expression is associated with the severity of paraquat-induced lung injury in mice.

Commercial formulation containing 2,4-D affects biochemical parameters and morphological indices of silver catfish exposed for 90 days.

Physiological and oxidative stress biomarkers in the freshwater monosex Nile tilapia, *Oreochromis niloticus* L., exposed to pendimethalin-based herbicide.

Glyphosate, pathways to modern diseases III: Manganese, neurological diseases, and associated pathologies.

Paraquat induces epithelial-mesenchymal transition-like cellular response resulting in fibrogenesis and the prevention of apoptosis in human pulmonary epithelial cells.

ROS-triggered signaling pathways involved in the cytotoxicity and tumor promotion effects of pentachlorophenol and tetrachlorohydroquinone.

Evaluation of carcinogenic potential of the herbicide glyphosate, drawing on tumor incidence data from fourteen chronic/carcinogenicity rodent studies.

Assessment of pesticide residues and gene expression in common carp exposed to atrazine and chlorpyrifos: Health risk assessments.

Superparamagnetic iron oxide nanoparticles exacerbate the risks of reactive oxygen species-mediated external stresses.

Protective effects of caffeic acid phenethyl ester on the dose-dependent acute nephrotoxicity with paraquat in a rat model.

Influenza A infection attenuates relaxation responses of mouse tracheal smooth muscle evoked by acrolein.

Eugenol-inhibited root growth in *Avena fatua* involves ROS-mediated oxidative damage.

Molecular mechanisms of acrolein toxicity: relevance to human disease.

(¹H) NMR based metabolomics approach to study the toxic effects of herbicide butachlor on goldfish (*Carassius auratus*).

Effects of atrazine and chlorpyrifos on DNA methylation in the brain and gonad of the common carp.

Histopathological alterations in the kidney of Caspian kutum, *Rutilus frisii kutum*, larvae and fingerlings exposed to sublethal concentration of atrazine.

NLRP3 inflammasome activation is essential for paraquat-induced acute lung injury.

A cell type-specific view on the translation of mRNAs from ROS-responsive genes upon paraquat treatment of *Arabidopsis thaliana* leaves.

Hepatoprotective effect of *Matricaria chamomilla* L in paraquat induced rat liver injury.

Artesunate Attenuates Lung Injury in Paraquat-Intoxicated Rats via Downregulation of Inflammatory Cytokines.

Effects of Atrazine on the Development of Neural System of Zebrafish, *Danio rerio*.

[Observation on the best dose of methylprednisolone improving lung injury in swine with paraquat intoxication].

Evaluation of a multiple sclerosis cluster among nurses in an inpatient oncology ward.

DNaseI protects against Paraquat-induced acute lung injury and pulmonary fibrosis mediated by mitochondrial DNA.

Effects of rapamycin against paraquat-induced pulmonary fibrosis in mice.

The mechanism of rapamycin in the intervention of paraquat-induced acute lung injury in rats.

Effects of glyphosate on juvenile rainbow trout (*Oncorhynchus mykiss*): transcriptional and enzymatic analyses of antioxidant defence system, histopathological liver damage and swimming performance.

Time and dose effects of cigarette smoke and acrolein on protein carbonyl formation in HaCaT keratinocytes.

Oxidative stress and biochemical responses in the tissues of African catfish *Clarias gariepinus* juvenile following exposure to primextra herbicide.

Public health assessment of dioxin-contaminated fish at former US airbase, Bien Hoa, Vietnam.

Mifepristone-inducible recombinant adenovirus attenuates paraquat-induced lung injury in rats.

Oral Administration of 4-Hydroxy-3-Methoxycinnamaldehyde Attenuates Atopic Dermatitis by Inhibiting T Cell and Keratinocyte Activation.

[Expression of the pulmonary surfactant in rat with paraquat-induced acute lung injury].

Topically applied metal chelator reduces thermal injury progression in a rat model of brass comb burn.

Increase in acrolein-conjugated immunoglobulins in saliva from patients with primary Sjögren's syndrome.

Superoxide anion radical (O_2^-) degrades methylmercury to inorganic mercury in human astrocytoma cell line (CCF-STTG1).

Lung inflammation biomarkers and lung function in children chronically exposed to arsenic.

A human surrogate model of itch utilizing the TRPA1 agonist trans-cinnamaldehyde.

Absence of sodA Increases the Levels of Oxidation of Key Metabolic Determinants of *Borrelia burgdorferi*.

(99m)Tc-amitrole as a novel selective imaging probe for solid tumor: In silico and preclinical pharmacological study.

Long-lasting facilitation of respiratory rhythm by treatment with TRPA1 agonist, cinnamaldehyde.

Superoxide enhances Ca²⁺ entry through L-type channels in the renal afferent arteriole.

Role of aldehyde dehydrogenase in hypoxic vasodilator effects of nitrite in rats and humans.

Mechanical overloading causes mitochondrial superoxide and SOD2 imbalance in chondrocytes resulting in cartilage degeneration.

Rapamycin reverses paraquat-induced acute lung injury in a rat model through inhibition of NF- κ B activation.

[Therapeutic effects of gastric lavage with fuller earth combined with Qingyill catharsis in treatment of oral paraquat poisoning in rabbits].

[Preventive effects of 5-hydroxy-1-methylhydantoin on paraquat-induced nephrotoxicity in rat].

Coniferyl aldehyde reduces radiation damage through increased protein stability of heat shock transcriptional factor 1 by phosphorylation.

Antinociceptive effect of methanol extract of leaves of *Persicaria hydropiper* in mice.

[The catalase inhibitor aminotriazole alleviates acute alcoholic liver injury].

Cinnamaldehyde Contributes to Insulin Sensitivity by Activating PPAR α , PPAR δ , and RXR.

Oxidative Stress during the Progression of A β -Amyloid Pathology in the Neocortex of the Tg2576 Mouse Model of Alzheimer's Disease.

Natural antioxidant betanin protects rats from paraquat-induced acute lung injury interstitial pneumonia.

The antisenescence effect of trans-cinnamaldehyde on adipose-derived stem cells.

Dynamic differences in oxidative stress and the regulation of metabolism with age in visceral versus subcutaneous adipose.

Reduction of the Pentavalent Arsenical Dimethylarsinic Acid and the GSTO1 Substrate S-(4-Nitrophenacyl)glutathione by Rat Liver Cytosol: Analyzing the Role of GSTO1 in Arsenic Reduction.

Optimization of microwave-assisted extraction for six inorganic and organic arsenic species in chicken tissues using response surface methodology.

Differential tissue accumulation of 2,3,7,8-Tetrachlorinated dibenzo-p-dioxin in *Arabidopsis thaliana* affects plant chronology, lipid metabolism and seed yield.

[Changes of the Expression of Brain Derived Neurotrophic Factors in Rats Trachea Induced by Acrolein Exposure].

Oxidative and reductive metabolism of lipid-peroxidation derived carbonyls.

Induction of somatic embryogenesis in explants of shoot cultures established from adult *Eucalyptus globulus* and *E. saligna*—*E. maidenii* trees.

Acrolein impairs the cholesterol transport functions of high density lipoproteins.

The distribution in tissues and urine of arsenic metabolites after subchronic exposure to dimethylarsinic acid (DMAV) in rats.

Anti-inflammatory activity of cinnamon (*C. zeylanicum* and *C. cassia*) extracts - identification of E-cinnamaldehyde and o-methoxy cinnamaldehyde as the most potent bioactive compounds.

Photoluminescence and labelling for microcrack bone of N-salicylidene-3-amino-1,2,4-triazole.

Expression of cytochrome P450 CYP81A6 in rice: tissue specificity, protein subcellular localization, and response to herbicide application.

A micro-QuEChERS method coupled to GC-MS for the quantification of pesticides in specific maternal and fetal tissues.

Comparison on the fatty acid profiles of liver, subcutaneous fat and muscle from feedlot steers finished on diets supplemented with or without cinnamaldehyde or monensin.

Simultaneous determination of cinnamaldehyde and its metabolite in rat tissues by gas chromatography-mass spectrometry.

Anti-obesity and anti-hyperglycemic effects of cinnamaldehyde via altered ghrelin secretion and functional impact on food intake and gastric emptying.

Gingiva Equivalent Secretes Negligible Amounts of Key Chemokines Involved in Langerhans Cell Migration Compared to Skin Equivalent.

Effective attenuation of atrazine-induced histopathological changes in testicular tissue by antioxidant N-phenyl-4-aryl-polyhydroquinolines.

Pesticide concentrations in frog tissue and wetland habitats in a landscape dominated by agriculture.

A visible light induced photoelectrochemical aptasensor constructed by aligned ZnO@CdTe core shell nanocable arrays/carboxylated g-C₃N₄ for the detection of Proprotein convertase subtilisin/kexin type 6 gene.

Enhanced protective activity of nano formulated andrographolide against arsenic induced liver damage.

Ancestral TCDD exposure promotes epigenetic transgenerational inheritance of imprinted gene Igf2: Methylation status and DNMTs.

Assessment of global and gene-specific DNA methylation in rat liver and kidney in response to non-genotoxic carcinogen exposure.

Polyreactive antibodies in the circulation of patients with systemic lupus erythematosus.

Paraoxonase 1 and cytochrome P450 polymorphisms in susceptibility to acute organophosphorus poisoning in Egyptians.

Short-Term Changes in Body Composition and Response to Micronutrient Supplementation After Laparoscopic Sleeve Gastrectomy.

Para-cresyl sulfate acutely impairs vascular reactivity and induces vascular remodeling.

Disruption of Ah Receptor Signaling during Mouse Development Leads to Abnormal Cardiac Structure and Function in the Adult.

Interactive Effects of Indigestible Carbohydrates, Protein Type, and Protein Level on Biomarkers of Large Intestine Health in Rats.

In utero/lactational and adult exposures to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) show differential effects on craniofacial development and growth in rats.

Subcellular Localization of Matrin 3 Containing Mutations Associated with ALS and Distal Myopathy.

Mechanical properties of normal versus cancerous breast cells.

Correlation between dioxin and endometriosis: an epigenetic route to unravel the pathogenesis of the disease.

Monitoring Changes in the Redox State of Myoglobin in Cardiomyocytes by Raman Spectroscopy Enables the Protective Effect of NO Donors to Be Evaluated.

A constitutive active MAPK/ERK pathway due to BRAFV600E positively regulates AHR pathway in PTC.

Several Ryanodine Receptor Type 1 Gene Mutations of p.Arg2508 Are Potential Sources of Malignant Hyperthermia.

The adverse outcome pathway for rodent liver tumor promotion by sustained activation of the aryl hydrocarbon receptor.

Association between levels of persistent organic pollutants in adipose tissue and cryptorchidism in early childhood: a case-control study.

Ablation of XP-V gene causes adipose tissue senescence and metabolic abnormalities.

Persistent reduced oxygen requirement following blood transfusion during recovery from hemorrhagic shock.

Malignant hyperthermia: a review.

Activation of the aryl hydrocarbon receptor during development enhances the pulmonary CD4⁺ T-cell response to viral infection.

Environmental pesticides increase the risk of developing hypertrophic pyloric stenosis.

Arsenic causes aortic dysfunction and systemic hypertension in rats: Augmentation of angiotensin II signaling.

Anti-obesity and metabolic efficacy of the β^3 -adrenergic agonist, CL316243, in mice at thermoneutrality compared to 22°C.

The Transcriptional Effects of PCB118 and PCB153 on the Liver, Adipose Tissue, Muscle and Colon of Mice: Highlighting of Glut4 and Lipin1 as Main Target Genes for PCB Induced Metabolic Disorders.

Arsenic-induced dyslipidemia in male albino rats: comparison between trivalent and pentavalent inorganic arsenic in drinking water.

Disruptive environmental chemicals and cellular mechanisms that confer resistance to cell death.

Ferrous sulfate, but not iron polymaltose complex, aggravates local and systemic inflammation and oxidative stress in dextran sodium sulfate-induced colitis in rats.

Increased pulmonary vascular expression of receptor for advanced glycation end products (RAGE) in experimental congenital diaphragmatic hernia.

The drosophila T-box transcription factor midline functions within Insulin/Akt and c-Jun-N terminal kinase stress-reactive signaling pathways to regulate interommatial bristle formation and cell survival.

Increased levels of dioxin-like substances in adipose tissue in patients with deep infiltrating endometriosis.

Time- and spectrally resolved characteristics of flavin fluorescence in U87MG cancer cells in culture.

Metabolic outcome of female mice exposed to a mixture of low-dose pollutants in a diet-induced obesity model.

Mitochondrial vulnerability and increased susceptibility to nutrient-induced cytotoxicity in fibroblasts from Leigh syndrome French Canadian patients.

Non-dioxin-like polychlorinated biphenyls (PCB 101, PCB 153 and PCB 180) induce chondrocyte cell death through multiple pathways.

Prevention of pulmonary hypoplasia and pulmonary vascular remodeling by antenatal simvastatin treatment in nitrofen-induced congenital diaphragmatic hernia.

Development of a computational high-throughput tool for the quantitative examination of dose-dependent histological features.

Chronic cardiovascular disease-associated gene network analysis in human umbilical vein endothelial cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Gestational exposure to the AhR agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin induces BRCA-1 promoter hypermethylation and reduces BRCA-1 expression in mammary tissue of rat offspring: preventive effects of resveratrol.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced hypertension: the beneficial effects of melatonin.

Mitochondrial superoxide in osteocytes perturbs canalicular networks in the setting of age-related osteoporosis.

Controlled-release mitochondrial protonophore reverses diabetes and steatohepatitis in rats.

The cellular and molecular progression of mitochondrial dysfunction induced by 2,4-dinitrophenol in developing zebrafish embryos.

Is lymphocyte adenosine a diagnostic marker of clinical malignant hyperthermia? A pilot study.

Resveratrol abrogates the effects of hypoxia on cell proliferation, invasion and EMT in osteosarcoma cells through downregulation of the HIF-1 α protein.

Transcriptional profiling of rat hypothalamus response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Lysyl oxidase expression is decreased in the developing diaphragm and lungs of nitrofen-induced congenital diaphragmatic hernia.

Extrapyramidal system neurotoxicity: animal models.

Indoxyl sulfate, not P-cresyl sulfate, is associated with advanced glycation end products in patients on long-term hemodialysis.

Serum free indoxyl sulfate associated with in-stent restenosis after coronary artery stentings.

Borax partially prevents neurologic disability and oxidative stress in experimental spinal cord ischemia/reperfusion injury.

Decidual β -carotene-15,15'-oxygenase-1 and 2 (BCMO1,2) expression is increased in nitrofen model of congenital diaphragmatic hernia.

Disruption of copper-dependent signaling pathway in the nitrofen-induced congenital diaphragmatic hernia.

Effects of acute hypercapnia with and without acidosis on lung inflammation and apoptosis in experimental acute lung injury.

Light Inhibition of Shoot Regeneration Is Regulated by Endogenous Abscisic Acid Level in Calli Derived from Immature Barley Embryos.

Aryl hydrocarbon receptor antagonism and its role in rheumatoid arthritis.

Determination of residual arsenic compounds in chicken muscle by ultra-performance liquid chromatography coupled with ultraviolet detection after pre-column derivatization with toluene-3,4-dithiol.

Expression of bioactive recombinant human fibroblast growth factor 9 in oil bodies of *Arabidopsis thaliana*.

Determination of Heavy Metal Concentrations in Normal and Pathological Human Endometrial Biopsies and In Vitro Regulation of Gene Expression by Metals in the Ishikawa and Hec-1b Endometrial Cell Line.

Simultaneous determination of phenoxyethanol and its major metabolite, phenoxyacetic acid, in rat biological matrices by LC-MS/MS with polarity switching: Application to ADME studies.

Occurrence, bioaccumulation and risk assessment of dioxin-like PCBs along the Chenab river, Pakistan.

Evaluation of [(11)C]methyl-losartan and [(11)C]methyl-EXP3174 for PET imaging of renal AT1receptor in rats.

The role of thioredoxin reductase and glutathione reductase in plumbagin-induced, reactive oxygen species-mediated apoptosis in cancer cell lines.

Transcriptional profiling of rat white adipose tissue response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Absorption of PCB126 by upper airways impairs G protein-coupled receptor-mediated immune response.

Activation of NRF2 pathway in spleen, thymus as well as peripheral blood mononuclear cells by acute arsenic exposure in mice.

POPs in free-ranging pilot whales, sperm whales and fin whales from the Mediterranean Sea: Influence of biological and ecological factors.

Melatonin Ameliorates Arsenite-Induced Neurotoxicity: Involvement of Autophagy and Mitochondria.

High accumulation of arsenic in the esophagus of mice after exposure to arsenite.

Dioxin-like biological activity of organic extracts from sediments and fish livers sampled along the Israeli Mediterranean and Red Sea coasts.

Transcription factor p63 controls the reserve status but not the stemness of horizontal basal cells in the olfactory epithelium.

Hydroxyl metabolite of PCB 180 induces DNA damage signaling and enhances the DNA damaging effect of benzo[a]pyrene.

Expression of aryl hydrocarbon receptor 1 (AHR1), AHR1 nuclear translocator 1 (ARNT1) and CYP1 family monooxygenase mRNAs and their activity in chicken ovarian follicles following in vitro exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

ELECTROCHEMICAL POTENTIAL OF THE INNER MITOCHONDRIAL MEMBRANE AND Ca²⁺ HOMEOSTASIS OF MYOMETRIUM CELLS.

Exogenous plant hormones and cyclotide expression in *Viola uliginosa* (Violaceae).

Toxicokinetic Model Development for the Insensitive Munitions Component 2,4-Dinitroanisole.

Silymarin attenuates paraquat-induced lung injury via Nrf2-mediated pathway in vivo and in vitro.

Green tea (*Camellia sinensis*) alleviates arsenic-induced damages to DNA and intestinal tissues in rat and in situ intestinal loop by reinforcing antioxidant system.

Development and Validation of a Multiplexed Protein Quantitation Assay for the Determination of Three Recombinant Proteins in Soybean Tissues by Liquid Chromatography with Tandem Mass Spectrometry.

Body Mass Parameters, Lipid Profiles and Protein Contents of Zebrafish Embryos and Effects of 2,4-Dinitrophenol Exposure.

Male and female mice show significant differences in hepatic transcriptomic response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Application of liquid chromatography/electrospray ionization tandem mass spectrometry for the elucidation of hydroxyl radical oxidation of metsulfuron methyl and related sulfonylurea pesticide products: evidence for the triazine skeleton scission.

Genistein suppresses smooth muscle cell-derived foam cell formation through tyrosine kinase pathway.

Modification of Bacterial Cellulose with Organosilanes to Improve Attachment and Spreading of Human Fibroblasts.

Effect of heat stress-induced production of mitochondrial reactive oxygen species on NADPH oxidase and heme oxygenase-1 mRNA levels in avian muscle cells.

The mitochondrial uncoupler DNP triggers brain cell mTOR signaling network reprogramming and CREB pathway up-regulation.

Characterization and risk assessment of polychlorinated biphenyls in soils and rice tissues in a suburban paddy field of the Pearl River Delta, South China.

Inhibitory effects on osteoblast differentiation in vitro by the polychlorinated biphenyl mixture Aroclor 1254 are mainly associated with the dioxin-like constituents.

Protective effects of thalidomide on pulmonary injuries in a rat model of paraquat intoxication.

Endothelial disruptive proinflammatory effects of nicotine and e-cigarette vapor exposures.

Protective effect of telmisartan treatment against arsenic-induced testicular toxicity in rats.

Comet assay evaluation of six chemicals of known genotoxic potential in rats.

Effect of tocopherol and acetylsalicylic acid on the biochemical indices of blood in dioxin-exposed rats.

A bioassay to measure energy metabolism in mouse colonic crypts, organoids, and sorted stem cells.

Direct injection of tissue extracts in liquid chromatography/tandem mass spectrometry for the determination of pharmaceuticals and other contaminants of emerging concern in mollusks.

Dioxin disrupts cranial cartilage and dermal bone development in zebrafish larvae.

Comparative Risks of Aldehyde Constituents in Cigarette Smoke Using Transient Computational Fluid Dynamics/Physiologically Based Pharmacokinetic Models of the Rat and Human Respiratory Tracts.

A rapid in vivo zebrafish model to elucidate oxidative stress-mediated PCB126-induced apoptosis and developmental toxicity.

Pharmacokinetic and Genomic Effects of Arsenite in Drinking Water on Mouse Lung in a 30-Day Exposure.

Mitochondrial Morphology and Fundamental Parameters of the Mitochondrial Respiratory Chain Are Altered in *Caenorhabditis elegans* Strains Deficient in Mitochondrial Dynamics and Homeostasis Processes.

Dioxin Exposure Impairs BMP-2-Mediated Spinal Fusion in a Rat Arthrodesis Model.

In vitro somatic embryogenesis and plantlet regeneration from immature male inflorescence of adult dura and tenera palms of *Elaeis guineensis* (Jacq.).

Contribution of impaired myofibril and ryanodine receptor function to prolonged low-frequency force depression after in situ stimulation in rat skeletal muscle.

In vivo effects of metaldehyde on Pacific oyster, *Crassostrea gigas*: comparing hemocyte parameters in two oyster families.

Utility of cell viability assays for use with ex vivo vocal fold epithelial tissue.

17β-Estradiol Increases Lipid Accumulation in Mature Adipocytes and Enhances Adipocyte-Stimulated Endothelial Tube Formation.

Combination effects of AHR agonists and Wnt/β-catenin modulators in zebrafish embryos: Implications for physiological and toxicological AHR functions.

Role of ALADIN in human adrenocortical cells for oxidative stress response and steroidogenesis.

Expression of the aryl hydrocarbon receptor in growth plate cartilage and the impact of its local modulation on longitudinal bone growth.

Identification of distinct circulating exosomes in Parkinson's disease.

Regulation of CYP1A1 and Inflammatory Cytokine by NCOA7 Isoform 4 in Response to Dioxin Induced Airway Inflammation.

Synthesis and biological evaluation of [¹⁴C]AZ12504948; a novel tracer for imaging of glucokinase in pancreas and liver.

Suspected flunixin poisoning of a wild Eurasian Griffon Vulture from Spain.

Arsenic responsive microRNAs in vivo and their potential involvement in arsenic-induced oxidative stress.

Inflammation and pyroptosis mediate muscle expansion in an interleukin-1β (IL-1β)-dependent manner.

Effect of Glyphosate Application on Sudden Death Syndrome of Glyphosate-Resistant Soybean Under Field Conditions.

Potential of Different *Coleus blumei* Tissues for Rosmarinic Acid Production.

Effects of combined ferrous sulfate administration and exposure to static magnetic field on brain oxidative stress and emotional behavior.

[Gender-dependent expression of ERα in arsenic exposed mice offspring's lung tissue].

Ulinastatin suppresses endoplasmic reticulum stress and apoptosis in the hippocampus of rats with acute paraquat poisoning.

Contraction of gut smooth muscle cells assessed by fluorescence imaging.

Lipotubuloids in ovary epidermis of *Ornithogalum umbellatum* act as metabolons: suggestion of the name 'lipotubuloid metabolon'.

Accumulation of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in livers of young sheep.

Lactational exposure to low levels of the six indicator non-dioxin-like polychlorinated biphenyls induces DNA damage and repression of neuronal activity, in juvenile male mice.

Protective effects of *Phyllanthus emblica* leaf extract on sodium arsenite-mediated adverse effects in mice.

Aryl hydrocarbon receptor 2 mediates the toxicity of Paclitaxel on the digestive system of zebrafish embryos.

Development and characterization of an endothelial cell line from the bulbus arteriosus of walleye, *Sander vitreus*.

Nitric oxide production and sequestration in the sinus gland of the green shore crab *Carcinus maenas*.

Characterization of a small constitutive promoter from *Arabidopsis* translationally controlled tumor protein (AtTCTP) gene for plant transformation.

Protein-bound uremic toxins induce tissue remodeling by targeting the EGF receptor.

Dinitrophenol modulates gene expression levels of angiogenic, cell survival and cardiomyogenic factors in bone marrow derived mesenchymal stem cells.

Chloroacetic acid triggers apoptosis in neuronal cells via a reactive oxygen species-induced endoplasmic reticulum stress signaling pathway.

Craniofacial form is altered by chronic adult exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in Han/Wistar and Long-Evans rats with different aryl hydrocarbon receptor (AhR) structures.

Naringin ameliorates sodium arsenite-induced renal and hepatic toxicity in rats: decisive role of KIM-1, Caspase-3, TGF- β^2 , and TNF- α .

Applications of Metabonomics in Pesticide Toxicology.

Preprophase band formation and cortical division zone establishment: RanGAP behaves differently from microtubules during their band formation.

Neuroglobin Plays a Protective Role in Arsenite-Induced Cytotoxicity by Inhibition of Cdc42 and Rac1GTPases in Rat Cerebellar Granule Neurons.

Modulation of aryl hydrocarbon receptor regulated genes by acute administration of trimethylarsine oxide in the lung, kidney and heart of C57BL/6 mice.

[The influence of iron ions on ATP-hydrolases activity of cell membranes of rat colon smooth muscle and kidney].

Influence of titanium dioxide nanoparticles on 2,3,7,8-tetrachlorodibenzo-p-dioxin bioconcentration and toxicity in the marine fish European sea bass (*Dicentrarchus labrax*).

Exposure to a continuous low dose of tetrachlorodibenzo-p-dioxin impairs the development of the tooth root in lactational rats and alters the function of apical papilla-derived stem cells.

Human fetal ventricular cardiomyocyte, RL-14 cell line, is a promising model to study drug metabolizing enzymes and their associated arachidonic acid metabolites.

Effect of vitamin E supplementation on arsenic induced alteration in blood biochemical profile, oxidant/antioxidant status, serum cortisol level and retention of arsenic and selenium in goats.

Chronic exposure to low-dose arsenic modulates lipogenic gene expression in mice.

Repositioning of 2,4-dichlorophenoxy acetic acid as a potential anti-inflammatory agent: in silico and pharmaceutical formulation study.

Exposure to mitochondrial genotoxins and dopaminergic neurodegeneration in *Caenorhabditis elegans*.

The role of p38 MAPK in acute paraquat-induced lung injury in rats.

Ozone therapy ameliorates paraquat-induced lung injury in rats.

Therapeutic effects and mechanism of salubrinal combined with ulinastatin on treating paraquat poisoning.

Paraquat increases connective tissue growth factor expression and impairs lung fibroblast proliferation and viscoelasticity.

Green leaf volatiles, fire and nonanoic acid activate MAPkinases in the model grass species *Lolium temulentum*.

Dose and temporal effects on gene expression profiles of urothelial cells from rats exposed to diuron.

[Progress on pathogenesis and treatment of paraquat-induced pulmonary fibrosis].

[Effect of thalidomide in a mouse model of paraquat-induced acute lung injury and the underlying mechanisms].

Carcinogenicity of metamifop, a novel herbicide, in Wistar rats following oral administration for 104 weeks.

Metabolic and behavior changes in surubim acutely exposed to a glyphosate-based herbicide.

Tissue sensitivity of the rat upper and lower extrapulmonary airways to the inhaled electrophilic air pollutants diacetyl and acrolein.

Pesticides exposure as etiological factors of Parkinson's disease and other neurodegenerative diseases-- a mechanistic approach.

Effects of atrazine and chlorpyrifos on DNA methylation in the liver, kidney and gill of the common carp (*Cyprinus carpio* L.).

Inhibition effect of glyphosate on the acute and subacute toxicity of cadmium to earthworm *Eisenia fetida*.

Oxidative stress response induced by atrazine in *Palaemonetes argentinus*: the protective effect of vitamin E.

Histopathological and biochemical changes in goldfish kidney due to exposure to the herbicide Sencor may be related to induction of oxidative stress.

The experimental autoimmune encephalomyelitis disease course is modulated by nicotine and other cigarette smoke components.

Pro- and anti-inflammatory cytokine expression in immune organs of the common carp exposed to atrazine and chlorpyrifos.

Biochemical effects of glyphosate based herbicide, Excel Mera 71 on enzyme activities of acetylcholinesterase (AChE), lipid peroxidation (LPO), catalase (CAT), glutathione-S-transferase (GST) and protein content on teleostean fishes.

2,4-Dichlorophenoxyacetic acid promotes S-nitrosylation and oxidation of actin affecting cytoskeleton and peroxisomal dynamics.

Effects of glyphosate-based herbicides on survival, development, growth and sex ratios of wood frogs (*Lithobates sylvaticus*) tadpoles. I: chronic laboratory exposures to VisionMax[®].

[Cloning of full-length cDNA of HMGR from *Gobiocypris rarus* and analysis of its expression profiles in male exposed to pentachlorophenol].

FTY720 attenuates paraquat-induced lung injury in mice.

Modulatory effects of curcumin on redox status, mitochondrial function, and caspase-3 expression during atrazine-induced toxicity.

Effects of the acute exposition to glyphosate-based herbicide on oxidative stress parameters and antioxidant responses in a hybrid Amazon fish surubim (*Pseudoplatystoma* sp).

From surface to intracellular non-invasive nanoscale study of living cells impairments.

Glyphosate affects the spontaneous motoric activity of intestine at very low doses - in vitro study.

Subchronic atrazine exposure changes defensive behaviour profile and disrupts brain acetylcholinesterase activity of zebrafish.

Acrolein- and 4-Aminobiphenyl-DNA adducts in human bladder mucosa and tumor tissue and their mutagenicity in human urothelial cells.

Regulation of expression and activity of multidrug resistance proteins MRP2 and MDR1 by estrogenic compounds in Caco-2 cells. Role in prevention of xenobiotic-induced cytotoxicity.

[Tumor necrosis factor- α induced protein 6 attenuates acute kidney injury following paraquat poisoning in rats].

[Reproduction of acute lung injury model induced by paraquat in piglet].

[The interventional effect of Xuebijing injection on expression of mitochondrial fusion protein 2 and the ultrastructure changes in lung tissues in rats with paraquat poisoning].

[Total flavonoids from *Astragalus complanatus* attenuates lung injury following paraquat poisoning in rats through inhibiting excessive endoplasmic reticulum stress and c-Jun N-terminal kinase pathway].

[Early acute liver injury in paraquat poisoning rats].

Atrazine and pregnancy outcomes: a systematic review of epidemiologic evidence.

Effects of glyphosate on growth rate, metabolic rate and energy reserves of early juvenile crayfish, *Cherax quadricarinatus* M.

Histopathological and estrogen effect of pentachlorophenol on the rare minnow (*Gobiocypris rarus*).

Fetotoxicity of 2,4-dichlorophenoxyacetic acid in rats and the protective role of vitamin E.

Effect of Nrf2 on rat ovarian tissues against atrazine-induced anti-oxidative response.

[Curcumin alleviated liver oxidative stress injury of rat induced by paraquat].

α -Tocopheryl succinate pre-treatment attenuates quinone toxicity in prostate cancer PC3 cells.

Dermal developmental toxicity of N-phenylimide herbicides in rats.

Methemoglobinemia associated with metaflumizone poisoning.

Herbicide clomazone effects on δ -aminolevulinic acid activity and metabolic parameters in *Cyprinus carpio*.

Effect of transforming growth factor- β 1 on acute lung injury caused by paraquat.

Effect of atrazine, glyphosate and quinclorac on biochemical parameters, lipid peroxidation and survival in bullfrog tadpoles (*Lithobates catesbeianus*).

Kidney biomarkers in MCPA-induced acute kidney injury in rats: reduced clearance enhances early biomarker performance.

Chronic exposure of mice to environmental endocrine-disrupting chemicals disturbs their energy metabolism.

Tissue-specific induction of oxidative stress in goldfish by 2,4-dichlorophenoxyacetic acid: mild in brain and moderate in liver and kidney.

[Protective effect of ghrelin against paraquat-induced acute lung injury in mice].

Dietary administration of paraquat for 13 weeks does not result in a loss of dopaminergic neurons in the substantia nigra of C57BL/6J mice.

Genes for iron-sulphur cluster assembly are targets of abiotic stress in rice, *Oryza sativa*.

Maternal periconceptional occupational exposure to pesticides and selected musculoskeletal birth defects.

Glyphosate, hard water and nephrotoxic metals: are they the culprits behind the epidemic of chronic kidney disease of unknown etiology in Sri Lanka?

Clinico-hematological and tissue changes induced by butachlor in male Japanese quail (*Coturnix japonica*).

Skeletonema marinoi (Bacillariophyceae) sensitivity to herbicides and effects of temperature increase on cellular responses to terbuthylazine exposure.

Persistent organic pollutants and diabetes: a review of the epidemiological evidence.

[Protective effect and mechanisms of pituitrin on acute paraquat-induced lung injury in rats].

The effect of subchronic metribuzin exposure to signal crayfish (*Pacifastacus leniusculus* Dana 1852).

Evaluation of metabolic enzymes in response to Excel Mera 71, a glyphosate-based herbicide, and recovery pattern in freshwater teleostean fishes.

CB2 receptor activation ameliorates the proinflammatory activity in acute lung injury induced by paraquat.

Effect of chronic exposure to prometryne on oxidative stress and antioxidant response in red swamp crayfish (*Procambarus clarkii*).

Development and application of a microwave-assisted extraction and LC/MS/MS methodology to the determination of antifouling booster biocides in sea mullets (*Mugil cephalus*) organisms.

Therapeutic effect of magnesium isoglycyrrhizinate in rats on lung injury induced by paraquat poisoning.

Clinical characteristics of patients after dicamba herbicide ingestion.

Toxic effects of penoxsulam herbicide in two fish species reared in southern Brazil.

3-(2-oxoethylidene)indolin-2-one derivatives activate Nrf2 and inhibit NF- κ B: potential candidates for chemoprevention.

Localized changes to glycogen synthase kinase-3 and collapsin response mediator protein-2 in the Huntington's disease affected brain.

Increased immunoglobulin production in silver catfish (*Rhamdia quelen*) exposed to agrichemicals.

Acrolein detection: potential theranostic utility in multiple sclerosis and spinal cord injury.

Neuroprotective role of hydralazine in rat spinal cord injury-attenuation of acrolein-mediated damage.

Cytotoxicity of PVPAC-treated bovine pericardium: a potential replacement for glutaraldehyde in biological heart valves.

Cinnamon extract improves insulin sensitivity in the brain and lowers liver fat in mouse models of obesity.

Absence of P-glycoprotein transport in the pharmacokinetics and toxicity of the herbicide paraquat.

Effect of lung fibrosis on glycogen content in different extrapulmonary tissues.

Cinnamaldehyde inhibits L-type calcium channels in mouse ventricular cardiomyocytes and vascular smooth muscle cells.

Hypericin biosynthesis in *Hypericum hookerianum* Wight and Arn: investigation on biochemical pathways using metabolite inhibitors and suppression subtractive hybridization.

Somatosensory and vasomotor manifestations of individual and combined stimulation of TRPM8 and TRPA1 using topical L-menthol and trans-cinnamaldehyde in healthy volunteers.

Metabolism of propylsulfuron: ¹⁴C excretion, ¹⁴C concentration in plasma and tissues, and amount of metabolites in rats.

[The effect of selective phosphatase inhibitors Salubrinal on autophagy and apoptosis in the lung tissue of rats with acute paraquat poisoning].

A derivatization and validation strategy for determining the spatial localization of endogenous amine metabolites in tissues using MALDI imaging mass spectrometry.

[Tissue cultivation of *Lonicera macranthoides* 'Yuleil'].

Effects of atrazine and chlorpyrifos on cytochrome P450 in common carp liver.

Cinnamaldehyde and cinnamaldehyde-containing micelles induce relaxation of isolated porcine coronary arteries: role of nitric oxide and calcium.

Recharging mitochondrial batteries in old eyes. Near infra-red increases ATP.

Acrolein relaxes mouse isolated tracheal smooth muscle via a TRPA1-dependent mechanism.

OxyR and SoxR modulate the inducible oxidative stress response and are implicated during different stages of infection for the bacterial phytopathogen *Pantoea stewartii* subsp. *stewartii*.

Comparison of speciated arsenic levels in the liver and brain of mice between arsenate and arsenite exposure at the early life.

Micropropagation of *Dalbergia sissoo* Roxb. through tissue culture technique.

Regulation of anthocyanin biosynthesis in *Arabidopsis thaliana* red pap1-D cells metabolically programmed by auxins.

Compositional analysis of grain and forage from MON 87427, an inducible male sterile and tissue selective glyphosate-tolerant maize product for hybrid seed production.

p-Cresol affects reactive oxygen species generation, cell cycle arrest, cytotoxicity and inflammation/atherosclerosis-related modulators production in endothelial cells and mononuclear cells.

Bioaccumulation of arsenic species in rays from the northern Adriatic Sea.

Effect of iron supplementation on the expression of hypoxia-inducible factor and antioxidant status in rats exposed to high-altitude hypoxia environment.

Increased pulmonary vascular expression of KrÄppel-like factor 5 and activated survivin in experimental congenital diaphragmatic hernia.

Genetic deletion of LXR± prevents arsenic-enhanced atherosclerosis, but not arsenic-altered plaque composition.

Dioxin induction of transgenerational inheritance of disease in zebrafish.

Global metabolomic profiling of acute myocarditis caused by Trypanosoma cruzi infection.

Mannitol-induced drought stress on calli of Trigonellafoenum-graecum L. Var. RMt-303.

The role of nitisinone in tyrosine pathway disorders.

The aryl hydrocarbon receptor suppresses osteoblast proliferation and differentiation through the activation of the ERK signaling pathway.

In silico identification of an aryl hydrocarbon receptor antagonist with biological activity in vitro and in vivo.

Uremic toxicity and sclerostin in chronic kidney disease patients.

Effect of mitochondrial metabolism-interfering agents on cancer cell mitochondrial function and radio/chemosensitivity.

Serum total p-cresylsulfate level is associated with abnormal QTc interval in stable angina patients with early stage of renal failure.

Low brain iron effects and reversibility on striatal dopamine dynamics.

[Rheumatology: Progress in Diagnosis and Treatments. Topics: III. Rheumatoid Arthritis and Allied Conditions; 2. Allied Conditions. 2) Polymyalgia rheumatica].

Mitochondrial uncoupling as a regulator of life-history trajectories in birds: an experimental study in the zebra finch.

Metabolites related to gut bacterial metabolism, peroxisome proliferator-activated receptor-alpha activation, and insulin sensitivity are associated with physical function in functionally-limited older adults.

Evidence for decreased lipofibroblast expression in hypoplastic rat lungs with congenital diaphragmatic hernia.

Nitric oxide as a target for the hypotensive and vasorelaxing effects induced by (Z)-ethyl 12-nitrooxy-octadec-9-enoate in rats.

Burn after feeding. An old uncoupler of oxidative phosphorylation is redesigned for the treatment of nonalcoholic fatty liver disease.

Human organic anion transporters function as a high-capacity transporter for p-cresyl sulfate, a uremic toxin.

Therapeutic potential of mesenchymal stem cell transplantation in a nitrofen-induced congenital diaphragmatic hernia rat model.

Functional characterisation of the R2452W ryanodine receptor variant associated with malignant hyperthermia susceptibility.

Myogenin gene expression is not altered in the developing diaphragm of nitrofen-induced congenital diaphragmatic hernia.

Radiosynthesis, photoisomerization, biodistribution, and metabolite analysis of ¹¹C-PBB3 as a clinically useful PET probe for imaging of tau pathology.

Enhancement of non-heme iron absorption by anchovy (*Engraulis japonicus*) muscle protein hydrolysate involves a nanoparticle-mediated mechanism.

Toxicological profile of ultrapure 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180) in adult rats.

Gestational and lactational exposure to the polychlorinated biphenyl mixture Aroclor 1254 modulates retinoid homeostasis in rat offspring.

HuR regulates alternative splicing of the *TRA2¹²* gene in human colon cancer cells under oxidative stress.

Effects of ferrofluid and phytoalexin spirobrassinin on thioflavin-T-based fluorescence in cerebrospinal fluid of the elderly and multiple sclerosis patients.

Long-term low-dose exposure of human urothelial cells to sodium arsenite activates lipocalin-2 via promoter hypomethylation.

Responsiveness of hepatic and cerebral cytochrome P450 in rat offspring prenatally and lactationally exposed to a reconstituted PCB mixture.

Androgen receptor signaling in hepatocellular carcinoma and pancreatic cancers.

Aryl hydrocarbon receptor catabolic activity in bone metabolism is osteoclast dependent in vivo.

The chemical uncoupler 2,4-dinitrophenol (DNP) protects against diet-induced obesity and improves energy homeostasis in mice at thermoneutrality.

Postnatal development of eupneic ventilation and metabolism in rats chronically exposed to moderate hyperoxia.

Mitochondrial dysfunction promotes and aggravates the inflammatory response in normal human synoviocytes.

Increase in reports of toxicity from fat burning supplement seen in UK.

MicroRNA profiling as tool for in vitro developmental neurotoxicity testing: the case of sodium valproate.

Upregulation of serotonin-receptor-2a and serotonin transporter expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Effects of acute dietary iron overload in pigs (*Sus scrofa*) with induced type 2 diabetes mellitus.

The cytochrome c oxidase and its mitochondrial function in the whiteleg shrimp *Litopenaeus vannamei* during hypoxia.

Peroxiredoxin I protein, a potential biomarker of hydronephrosis in fetal mice exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Mammalian microtubule P-body dynamics are mediated by nesprin-1.

Metallothionein deficiency impacts copper accumulation and redistribution in leaves and seeds of *Arabidopsis*.

Interaction between arsenic exposure from drinking water and genetic susceptibility in carotid intima-media thickness in Bangladesh.

The thiocarbamate disulphide drug, disulfiram induces osteopenia in rats by inhibition of osteoblast function due to suppression of acetaldehyde dehydrogenase activity.

Durable field resistance to wheat yellow mosaic virus in transgenic wheat containing the antisense virus polymerase gene.

Ultrasound-guided interventional procedures around the shoulder.

Augmented atherogenesis in ApoE-null mice co-exposed to polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Nanoencapsulation of DMSA monoester for better therapeutic efficacy of the chelating agent against arsenic toxicity.

Meat Science and Muscle Biology Symposium: Ecological and dietary impactors of foodborne pathogens and methods to reduce fecal shedding in cattle.

Alcohol-induced autophagy contributes to loss in skeletal muscle mass.

Using zebrafish as a model system for studying the transgenerational effects of dioxin.

The gut microbiome, kidney disease, and targeted interventions.

Enteric nervous system and esophageal-gastrointestinal motility in experimental congenital diaphragmatic hernia.

Synergistic interactions between PBDEs and PCBs in human neuroblastoma cells.

The aryl hydrocarbon receptor-activating effect of uremic toxins from tryptophan metabolism: a new concept to understand cardiovascular complications of chronic kidney disease.

Drug-induced injury in the gastrointestinal tract.

Comparison of intake and systemic relative effect potencies of dioxin-like compounds in female rats after a single oral dose.

Aryl hydrocarbon receptor downregulates MYCN expression and promotes cell differentiation of neuroblastoma.

Protein-bound uremic toxins: new culprits of cardiovascular events in chronic kidney disease patients.

Decreased apelin and apelin-receptor expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

The aryl hydrocarbon receptor mediates raloxifene-induced apoptosis in estrogen receptor-negative hepatoma and breast cancer cells.

ITE and TCDD differentially regulate the vascular remodeling of rat placenta via the activation of AhR.

CYP1B1: a unique gene with unique characteristics.

Histopathological evaluation of tumor necrosis and volume after cyanogenic chemotherapy.

Effect of dietary supplementation of (-)-epigallocatechin gallate on gut microbiota and biomarkers of colonic fermentation in rats.

Sildenafil stimulates and dexamethasone inhibits pulmonary vascular development in congenital diaphragmatic hernia rat lungs.

Is intralipid fat emulsion a promising therapeutic strategy on neurotoxicity induced by malathion in rats?

In utero and lactational exposure to a mixture of environmental contaminants detected in Canadian Arctic human populations alters retinoid levels in rat offspring with low margins of exposure.

Autophagy as an essential cellular antioxidant pathway in neurodegenerative disease.

Gene-environment interactions in male reproductive health: special reference to the aryl hydrocarbon receptor signaling pathway.

Ultrahigh resolution mass spectrometry-based metabolic characterization reveals cerebellum as a disturbed region in two animal models.

Mode of action and dose-response framework analysis for receptor-mediated toxicity: The aryl hydrocarbon receptor as a case study.

Animal models of Parkinson's disease: a gateway to therapeutics?

Aryl hydrocarbon receptor-dependent induction of liver fibrosis by dioxin.

A high-content screen identifies novel compounds that inhibit stress-induced TDP-43 cellular aggregation and associated cytotoxicity.

The toxic chemistry of methyl bromide.

TCDD disrupts posterior palatogenesis and causes cleft palate.

In vitro propagation and analysis of secondary metabolites in *Glossogyne tenuifolia* (Hsiang-Ju) - a medicinal plant native to Taiwan.

The preventive effect of atorvastatin on paraquat-induced pulmonary fibrosis in the rats.

Subchronic arsenic exposure through drinking water alters vascular redox homeostasis and affects physical health in rats.

Low level tumor necrosis factor- α protects cardiomyocytes against high level tumor necrosis factor- α : brief insight into a beneficial paradox.

Duodenal absorption and tissue utilization of dietary heme and nonheme iron differ in rats.

Identification of reference proteins for Western blot analyses in mouse model systems of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity.

Effects of atrazine on the oxidative damage of kidney in Wistar rats.

Quantitative analysis of volatile organic compounds released and consumed by rat L6 skeletal muscle cells in vitro.

Oxidative stress affects FET proteins localization and alternative pre-mRNA processing in cellular models of ALS.

Lipid peroxidation in Rheumatoid arthritis; consequences and monitoring.

A metabolomic analysis of the effect of quercetin on toxicity induced by chronic exposure to low-level dichlorvos in rat plasma.

^{11}C -ORM-13070, a novel PET ligand for brain β_1 -adrenoceptors: radiometabolism, plasma pharmacokinetics, whole-body distribution and radiation dosimetry in healthy men.

Potential role of catalase in mice with lipopolysaccharide/D-galactosamine-induced fulminant liver injury.

Polychlorinated biphenyls (PCB 101, PCB 153 and PCB 180) alter leptin signaling and lipid metabolism in differentiated 3T3-L1 adipocytes.

NADPH oxidase and the cardiovascular toxicity associated with smoking.

Transplanted human adipose tissue-derived stem cells engraft and induce regeneration in mice olfactory neuroepithelium in response to dichlobenil subadministration.

In vitro antioxidant capacity of tea of *Echinodorus grandiflorus*, "leather hat," in Wistar rat liver.

Can damselfly larvae (*Ischnura elegans*) be used as bioindicators of sublethal effects of environmental contamination?

Comparison of osteoblast and cardiomyocyte differentiation in the embryonic stem cell test for predicting embryotoxicity in vivo.

Magnas functions as a ROS regulator and provides cytoprotection against oxidative stress-mediated damages.

Polyamidoamine dendrimers as off-column binding agent and in-column pseudostationary phase for efficient and sensitive capillary electrophoretic analysis of fluoroquinolones in chicken muscles.

Blood biochemistry, thyroid hormones, and oxidant/antioxidant status of guinea pigs challenged with sodium arsenite or arsenic trioxide.

Histological and histometrical study of the protective role of α -tocopherol against sodium arsenite toxicity in rat ovaries.

Functionality of aryl hydrocarbon receptors (AhR1 and AhR2) of white sturgeon (*Acipenser transmontanus*) and implications for the risk assessment of dioxin-like compounds.

FGF21 as a Hepatokine, Adipokine, and Myokine in Metabolism and Diseases.

Ameliorative effect of *Matricaria chamomilla* L on paraquat: Induced oxidative damage in lung rats.

Microvascular circulation at cool, normal and warm temperatures in rat leg muscles examined by histochemistry using *Lycopersicon esculentum* lectin.

Carprofen-induced oxidative stress in mitochondria of the colonic mucosa of the dog.

Acetohydroxyacid synthase activity and transcripts profiling reveal tissue-specific regulation of *ahas* genes in sunflower.

An aberrant leukotriene A4 hydrolase-proline-glycine-proline pathway in the pathogenesis of chronic obstructive pulmonary disease.

A PET Tracer for Brain β -Adrenoceptors, (11)*C*-ORM-13070: Radiosynthesis and Preclinical Evaluation in Rats and Knockout Mice.

Fibroblast growth factor (Fgf) 21 is a novel target gene of the aryl hydrocarbon receptor (AhR).

Embryonic exposure to sodium arsenite perturbs vascular development in zebrafish.

Effects of uremic toxin p-cresol on proliferation, apoptosis, differentiation, and glucose uptake in 3T3-L1 cells.

Osteoactivin promotes osteoblast adhesion through HSPG and α 5 β 1 integrin.

Immunofluorescence detection and localization of B[a]P and TCDD in earthworm tissues.

Enantioselective metabolism of quizalofop-ethyl in rat.

Comparative oxidative stress, metallothionein induction and organ toxicity following chronic exposure to arsenic, lead and mercury in rats.

Tissue-Specific Metabolic Profile Study of *Moringa oleifera* L. Using Nuclear Magnetic Resonance Spectroscopy.

Improving the efficiency of isolated microspore culture in six-row spring barley: II-exploring novel growth regulators to maximize embryogenesis and reduce albinism.

Guanosine regulates adenosine levels in the kidney.

Protective effect of quercetin on atrazine-induced oxidative stress in the liver, kidney, brain, and heart of adult wistar rats.

Combined effects of pharmaceuticals, personal care products, biocides and organic contaminants on the growth of *Skeletonema pseudocostatum*.

Wild fish from the Bay of Quinte Area of Concern contain elevated tissue concentrations of PCBs and exhibit evidence of endocrine-related health effects.

TCDD induces dermal accumulation of keratinocyte-derived matrix metalloproteinase-10 in an organotypic model of human skin.

Microbiome-derived tryptophan metabolites and their aryl hydrocarbon receptor-dependent agonist and antagonist activities.

Study of osteogenic differentiation of human adipose-derived stem cells (HASCs) on bacterial cellulose.

Electromembrane Surrounded Solid Phase Microextraction Followed by Injection Port Derivatization and Gas Chromatography-Flame Ionization Detector Analysis for Determination of Acidic Herbicides in Plant Tissue.

Differential relative effect potencies of some dioxin-like compounds in human peripheral blood lymphocytes and murine splenic cells.

Acrolein as a novel therapeutic target for motor and sensory deficits in spinal cord injury.

Analysis of hepatic deiodinase 2 mRNA levels in natural fish lake populations exposed to different levels of putative thyroid disrupters.

Perinatal low-dose iron treatment influences susceptibility to diet-induced adipogenesis in early-aged male Wistar rats.

Modulation of gene-expression profiles associated with sodium arsenite-induced cardiotoxicity by p-coumaric acid, a common dietary polyphenol.

Persistent organic pollutant levels in semi-domesticated reindeer (*Rangifer tarandus tarandus* L.), feed, lichen, blood, milk, placenta, foetus and calf.

Selective pressurized liquid extraction technique capable of analyzing dioxins, furans, and PCBs in clams and crab tissue.

Cancer-promoting and Inhibiting Effects of Dietary Compounds: Role of the Aryl Hydrocarbon Receptor (AhR).

Plant extracts of the family Lauraceae: a potential resource for chemopreventive agents that activate the nuclear factor-erythroid 2-related factor 2/antioxidant response element pathway.

First evidence for toxic defense based on the multixenobiotic resistance (MXR) mechanism in *Daphnia magna*.

Alterations in the transcriptome of soybean in response to enhanced somatic embryogenesis promoted by orthologs of *Agamous-like15* and *Agamous-like18*.

Oxygen tension controls the expression of the monocarboxylate transporter MCT4 in cultured mouse cortical astrocytes via a hypoxia-inducible factor-1 α -mediated transcriptional regulation.

Label-retaining, quiescent globose basal cells are found in the olfactory epithelium.

2, 3, 7, 8-Tetrachlorodibenzo-P-dioxin (TCDD) induces premature senescence in human and rodent neuronal cells via ROS-dependent mechanisms.

Mitochondrial uncoupling reduces exercise capacity despite several skeletal muscle metabolic adaptations.

TCDD dysregulation of 13 AHR-target genes in rat liver.

Adverse effects in adulthood resulting from low-level dioxin exposure in juvenile zebrafish.

Chemoprevention against arsenic-induced mutagenic DNA breakage and apoptotic liver damage in rat via antioxidant and SOD1 upregulation by green tea (*Camellia sinensis*) which recovers broken DNA resulted from arsenic-H₂O₂ related in vitro oxidant stress.

Influence of dioxin intoxication on the human system and possibilities of limiting its negative effects on the environment and living organisms.

Effect of SP-A/B in lipoic acid on acute paraquat poisoning.

Viscous optical clearing agent for in vivo optical imaging.

[Clarification of molecular targets of dioxin toxicity].

Effect of reverse photoperiod on in vitro regeneration and piperine production in *Piper nigrum* L.

Uptake and metabolic effects of salicylic acid on the pulvinar motor cells of *Mimosa pudica* L.

Alpha-lipoic acid protects oxidative stress, changes in cholinergic system and tissue histopathology during co-exposure to arsenic-dichlorvos in rats.

Sequestration, tissue distribution and developmental transmission of cyanogenic glucosides in a specialist insect herbivore.

Acute toxicity of a commercial glyphosate formulation on European sea bass juveniles (*Dicentrarchus labrax* L.): gene expressions of heme oxygenase-1 (ho-1), acetylcholinesterase (AChE) and aromatases (cyp19a and cyp19b).

Difference in developmental toxicity among structurally similar N-phenylimide herbicides in rats and rabbits.

Effect of a glyphosate-based herbicide in *Cyprinus carpio*: assessment of acetylcholinesterase activity, hematological responses and serum biochemical parameters.

A collection of glycosyltransferases from rice (*Oryza sativa*) exposed to atrazine.

High level of dioxin-TEQ in tissue is associated with Agent Orange exposure but not with biochemical recurrence after radical prostatectomy.

Accumulation, histopathological effects and response of biochemical markers in the spleens and head kidneys of common carp exposed to atrazine and chlorpyrifos.

The effects of acetaldehyde and acrolein on muscle catabolism in C2 myotubes.

Aldehyde reductase regulates acrolein-induced cytotoxicity in human small airway epithelial cells.

Atrazine is primarily responsible for the toxicity of long-term exposure to a combination of atrazine and inorganic arsenic in the nigrostriatal system of the albino rat.

Specific proteomic response of *Unio pictorum* mussel to a mixture of glyphosate and microcystin-LR.

Alterations in fatty acids of polar lipids in *Salmo trutta* on long-term exposure to a glyphosate-based herbicide (Roundup).

Using bosentan to treat paraquat poisoning-induced acute lung injury in rats.

Renal biomarkers predict nephrotoxicity after paraquat.

Evaluation of hydroxyatrazine in the endocrine disruptor screening and testing program's male and female pubertal protocols.

Inhibitory effects of rosiglitazone on paraquat-induced acute lung injury in rats.

Proteomic analysis of rat cerebral cortex following subchronic acrolein toxicity.

Effect of methylsulfonylmethane on paraquat-induced acute lung and liver injury in mice.

Levels of PCDDs, PCDFs, and dioxin-like PCBs in human milk among Hong Kong mothers.

Tissue concentration of paraquat on day 32 after intoxication and failed bridge to transplantation by extracorporeal membrane oxygenation therapy.

Effect of fluzifop-p-butyl treatment on pigments and polyamines level within tissues of non-target maize plants.

Agent Orange exposure and prevalence of self-reported diseases in Korean Vietnam veterans.

Comparative study on effects of dietary with diphenyl diselenide on oxidative stress in carp (*Cyprinus carpio*) and silver catfish (*Rhamdia* sp.) exposed to herbicide clomazone.

Transient effects of 2,4-dichlorophenoxyacetic acid (2,4-D) exposure on some metabolic and free radical processes in goldfish white muscle.

Short-term atrazine exposure causes behavioral deficits and disrupts monoaminergic systems in male C57BL/6 mice.

Changes in *Lumbriculus variegatus* metabolites under hypoxic exposure to benzo(a)pyrene, chlorpyrifos and pentachlorophenol: consequences on biotransformation.

The role of *Arabidopsis thaliana* NAR1, a cytosolic iron-sulfur cluster assembly component, in gametophytic gene expression and oxidative stress responses in vegetative tissue.

Epidemiology. Paths from pesticides to Parkinson's.

Glutathione deficiency in Gclm null mice results in complex I inhibition and dopamine depletion following paraquat administration.

Paraquat-induced ultrastructural changes and DNA damage in the nervous system is mediated via oxidative-stress-induced cytotoxicity in *Drosophila melanogaster*.

Quercetin exacerbates the effects of subacute treatment of atrazine on reproductive tissue antioxidant defence system, lipid peroxidation and sperm quality in rats.

Differential expression of acetohydroxyacid synthase genes in sunflower plantlets and its response to imazapyr herbicide.

Effects of atrazine and chlorpyrifos on the production of nitric oxide and expression of inducible nitric oxide synthase in the brain of common carp (*Cyprinus carpio* L.).

Docosahexaenoic acid (DHA) ameliorates paraquat-induced pulmonary fibrosis in rats possibly through up-regulation of Smad 7 and SnoN.

Hematological and biochemical alterations in the fish *Prochilodus lineatus* caused by the herbicide clomazone.

Exposure to 2,4-dichlorophenoxyacetic acid alters glucose metabolism in immature rat Sertoli cells.

Propanil-induced histopathological changes in the liver and kidney of mice.

Spinal transient receptor potential ankyrin 1 channel induces mechanical hypersensitivity, increases cutaneous blood flow, and mediates the pronociceptive action of dynorphin A.

[The relationship of endoplasmic reticulum stress with paraquat induced lung fibrosis in rats].

Mucuna pruriens seed extract reduces oxidative stress in nigrostriatal tissue and improves neurobehavioral activity in paraquat-induced Parkinsonian mouse model.

Dietary supplementation with *Lactobacillus fermentum* I5007 improves the anti-oxidative activity of weanling piglets challenged with diquat.

Oxidative stress in carp exposed to quinclorac herbicide under rice field condition.

Effects of chemical and handling exposure on fatty acids, oxidative stress and morphological welfare indicators in gilt-head sea bream (*Sparus aurata*).

[Effect of glyphosate on the energy exchange in carp organs].

[Effects of pyrrolidine dithiocarbamate on expressions of α -smooth muscle actin, integrin β 5 and fibronectin in acute paraquat poisoned rats].

Effects of glyphosate on cholinesterase activity of the mussel *Perna perna* and the fish *Danio rerio* and *Jenynsia multidentata*: in vitro studies.

Transcriptome alterations following developmental atrazine exposure in zebrafish are associated with disruption of neuroendocrine and reproductive system function, cell cycle, and carcinogenesis.

Bioactivation of the nasal toxicant 2,6-dichlorobenzonitrile: an assessment of metabolic activity in human nasal mucosa and identification of indicators of exposure and potential toxicity.

[Effect of thalidomide in a mouse model of paraquat-induced acute lung injury and the underlying mechanisms].

Ratios of biliary glutathione disulfide (GSSG) to glutathione (GSH): a potential index to screen drug-induced hepatic oxidative stress in rats and mice.

Protein profiling of paraquat-exposed rat lungs following treatment with Acai (*Euterpe oleracea* Mart.) berry extract.

Mutagenic/recombinogenic effects of four lipid peroxidation products in *Drosophila*.

The SFPT feels compelled to point out weaknesses in the paper by SÃ©ralini et al. (2012).

Severe adverse effects related to dermal exposure to a glyphosate-surfactant herbicide.

Acrolein-induced inflammatory signaling in vascular smooth muscle cells requires activation of serum response factor (SRF) and NF- κ B.

Recovery ability of common carp (*Cyprinus carpio*) after a short-term exposure to terbuthylazine.

Vitamin E ameliorates the decremental effect of paraquat on cardiomyocyte contractility in rats.

Daily subacute paraquat exposure decreases muscle function and substantia nigra dopamine level.

[Hypoxia-inducible factor-1 α expression in renal tissue of rats with paraquat poisoning].

[Intervention of pyrrolidine dithiocarbamate on expressions of connective tissue growth factor, type I collagen, and type III collagen in acute paraquat poisoned rats].

Involvement of interleukin-6-regulated nitric oxide synthase in hemorrhagic cystitis and impaired bladder contractions in young rats induced by acrolein, a urinary metabolite of cyclophosphamide.

Effects of atrazine and chlorpyrifos on the mRNA levels of HSP70 and HSC70 in the liver, brain, kidney and gill of common carp (*Cyprinus carpio* L.).

The antidote effect of quinone oxidoreductase 2 inhibitor against paraquat-induced toxicity in vitro and in vivo.

Cigarette smoke induces systemic defects in cystic fibrosis transmembrane conductance regulator function.

Fluridone as a new anti-inflammatory drug.

Antifibrotic effect of atorvastatin on paraquat-induced pulmonary fibrosis: role of PPAR γ receptors.

Protective effects of cinnamic acid and cinnamic aldehyde on isoproterenol-induced acute myocardial ischemia in rats.

Acrolein exposure suppresses antigen-induced pulmonary inflammation.

New insights in the pathogenesis of multiple sclerosis--role of acrolein in neuronal and myelin damage.

Anti-inflammatory effect of thalidomide in paraquat-induced pulmonary injury in mice.

Role of aldose reductase in the metabolism and detoxification of carnosine-acrolein conjugates.

European corn borer (*Ostrinia nubilalis*) induced responses enhance susceptibility in maize.

Expression and significance of HIF-1 α in pulmonary fibrosis induced by paraquat.

Extracts from black carrot tissue culture as potent anticancer agents.

Arsenic exposure from drinking water, arsenic methylation capacity, and carotid intima-media thickness in Bangladesh.

Minocycline, levodopa and MnTMPyP induced changes in the mitochondrial proteome profile of MPTP and maneb and paraquat mice models of Parkinson's disease.

The dose of cyclophosphamide for treating paraquat-induced rat lung injury.

Wnt/ β -catenin signaling protects mouse liver against oxidative stress-induced apoptosis through the inhibition of forkhead transcription factor FoxO3.

Synthesis and biological evaluation of novel styryl benzimidazole derivatives as probes for imaging of neurofibrillary tangles in Alzheimer's disease.

Acrolein-conjugated low-density lipoprotein induces macrophage foam cell formation.

Central nervous system damage due to acute paraquat poisoning: an experimental study with rat model.

The ultra-early protective effect of ulinastatin on rabbit acute lung injury induced by paraquat.

Combined treatment with bone marrow mesenchymal stem cells and methylprednisolone in paraquat-induced acute lung injury.

Paraquat inhibits cell viability via enhanced oxidative stress and apoptosis in human neural progenitor cells.

Estimation of placental and lactational transfer and tissue distribution of atrazine and its main metabolites in rodent dams, fetuses, and neonates with physiologically based pharmacokinetic modeling.

Repair kinetics of acrolein- and (E)-4-hydroxy-2-nonenal-derived DNA adducts in human colon cell extracts.

In vivo absorption, distribution, excretion, and metabolism of a new herbicide, methiozolin, in rats following oral administration.

[Study on the optimum combinations of plant hormone in callus culture of *Thermopsis lanceolata*].

An efficient and rapid regeneration via multiple shoot induction from mature seed derived embryogenic and organogenic callus of Indian maize (*Zea mays* L.).

[Distribution of arsenic species and its DNA damage in subchronic arsenite-exposed mice].

Participation of nitric oxide pathway in the relaxation response induced by E-cinnamaldehyde oxime in superior mesenteric artery isolated from rats.

Post-translational control of nitrate reductase activity responding to light and photosynthesis evolved already in the early vascular plants.

Predicting pesticide attenuation in a fractured aquifer using lumped-parameter models.

Differential regulation of GLUT1 activity in human corneal limbal epithelial cells and fibroblasts.

The response of *Mucor plumbeus* to pentachlorophenol: a toxicoproteomics study.

Atrazine inhibits pulsatile gonadotropin-releasing hormone (GnRH) release without altering GnRH messenger RNA or protein levels in the female rat.

Effect of chronic exposure to prometryne on oxidative stress and antioxidant response in common carp (*Cyprinus carpio* L.).

Effects of cyanamide, an aldehyde dehydrogenase type 2 inhibitor, on glyceryl trinitrate- and isosorbide dinitrate-induced vasodilation in rabbit excised aorta and in anesthetized whole animal.

Fluorescent transgenic zebrafish Tg(nkx2.2a:mEGFP) provides a highly sensitive monitoring tool for neurotoxins.

Letter to the editor regarding "Quantification of paraquat, MPTP, and MPP+ in brain tissue using microwave-assisted solvent extraction (MASE) and high-performance liquid chromatography-mass spectrometry".

Arsenic augments the uptake of oxidized LDL by upregulating the expression of lectin-like oxidized LDL receptor in mouse aortic endothelial cells.

Singlet oxygen mediated DNA damage induced phototoxicity by ketoprofen resulting in mitochondrial depolarization and lysosomal destabilization.

Novel whole-tissue quantitative assay of nitric oxide levels in *Drosophila* neuroinflammatory response.

Induction of thymic stromal lymphopoietin production by nonanoic acid and exacerbation of allergic inflammation in mice.

Tl(+) induces both cationic and transition pore permeability in the inner membrane of rat heart mitochondria.

New insights to the role of aryl hydrocarbon receptor in bone phenotype and in dioxin-induced modulation of bone microarchitecture and material properties.

Reversal of hypertriglyceridemia, fatty liver disease, and insulin resistance by a liver-targeted mitochondrial uncoupler.

Spatiotemporal alterations in Sprouty-2 expression and tyrosine phosphorylation in nitrofen-induced pulmonary hypoplasia.

Kidney hypoxia, attributable to increased oxygen consumption, induces nephropathy independently of hyperglycemia and oxidative stress.

Expression of Sproutys and SPREDs is decreased during lung branching morphogenesis in nitrofen-induced pulmonary hypoplasia.

Aryl hydrocarbon receptor and experimental autoimmune arthritis.

Protein-bound uremic toxins are new targets to prevent insulin resistance and dysmetabolism in patients with chronic kidney disease.

Maintaining energy homeostasis is an essential component of Wld(S)-mediated axon protection.

Ets1 and heat shock factor 1 regulate transcription of the Transformer 2¹² gene in human colon cancer cells.

Association between blood levels of PCDDs/PCDFs/dioxin-like PCBs and history of allergic and other diseases in the Japanese population.

Death receptor 6 (DR6) antagonist antibody is neuroprotective in the mouse SOD1G93A model of amyotrophic lateral sclerosis.

MicroRNA-132 suppresses autoimmune encephalomyelitis by inducing cholinergic anti-inflammation: a new Ahr-based exploration.

Indolic uremic solutes increase tissue factor production in endothelial cells by the aryl hydrocarbon receptor pathway.

Expression of zinc-deficient human superoxide dismutase in Drosophila neurons produces a locomotor defect linked to mitochondrial dysfunction.

Cytologic and histologic findings of iron pill-induced injury of the lower respiratory tract.

Impairment of autophagy: from hereditary disorder to drug intoxication.

Persistent organic pollutants and hyperuricemia in the U.S. general population.

Early dioxin exposure causes toxic effects in adult zebrafish.

The effect of partial outlet obstruction on calpain and phospholipase-2 activities: analyzed by severity and duration.

Relative efficacies of insulin and poly (lactic-co-glycolic) acid encapsulated nano-insulin in modulating certain significant biomarkers in arsenic intoxicated L6 cells.

Arsenic induced toxicity and histopathological changes in gill and liver tissue of freshwater fish, tilapia (*Oreochromis mossambicus*).

Propolis alleviates 2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced histological changes, oxidative stress and DNA damage in rat liver.

Mitochondrial respiratory chain dysfunction modulates metalloproteases -1, -3 and -13 in human normal chondrocytes in culture.

Downregulated bone morphogenetic protein signaling in nitrofen-induced congenital diaphragmatic hernia.

Disruption of the bone morphogenetic protein receptor 2 pathway in nitrofen-induced congenital diaphragmatic hernia.

Proteomic analysis of primary cultured rat cortical neurons in chemical ischemia.

Beneficial effect of astaxanthin on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced liver injury in rats.

Relationship between the autoantibody and expression of β ²-adrenoceptor in lung and heart.

Smoke carcinogens cause bone loss through the aryl hydrocarbon receptor and induction of Cyp1 enzymes.

Hyperuricemia after exposure to polychlorinated dibenzo-p-dioxins and dibenzofurans near a highly contaminated area.

Evaluation of the association between persistent organic pollutants (POPs) and diabetes in epidemiological studies: a national toxicology program workshop review.

Antioxidant and micronutrient-rich milk formula reduces lead poisoning and related oxidative damage in lead-exposed mice.

Skeletal muscle ryanodine receptor mutations associated with malignant hyperthermia showed enhanced intensity and sensitivity to triggering drugs when expressed in human embryonic kidney cells.

Novel cell-based assay reveals associations of circulating serum AhR-ligands with metabolic syndrome and mitochondrial dysfunction.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced inflammatory activation is mediated by intracellular free calcium in microglial cells.

Aberrant pulmonary lymphatic development in the nitrofen mouse model of congenital diaphragmatic hernia.

The aryl hydrocarbon receptor and food allergy.

The roles of aryl hydrocarbon receptor in immune responses.

Cell death pattern of a varicose vein organ culture model.

The human Ah receptor: hints from dioxin toxicities to deregulated target genes and physiological functions.

Expression and potential role of apolipoprotein D on the death-survival balance of human colorectal cancer cells under oxidative stress conditions.

Metabolism of arsenic and its toxicological relevance.

Epigenetics and pesticides.

Nerve growth factor exhibits an antioxidant and an autocrine activity in mouse liver that is modulated by buthionine sulfoximine, arsenic, and acetaminophen.

Deletion or activation of the aryl hydrocarbon receptor alters adult hippocampal neurogenesis and contextual fear memory.

Sodium arsenite-induced cardiotoxicity in rats: protective role of p-coumaric acid, a common dietary polyphenol.

Gastrointestinal stromal tumors, somatic mutations and candidate genetic risk variants.

Ethylendioxy-PIP2 oxalate reduces ganglioside storage in juvenile Sandhoff disease mice.

p-Cresyl sulfate causes renal tubular cell damage by inducing oxidative stress by activation of NADPH oxidase.

Dioxin receptor expression inhibits basal and transforming growth factor β^2 -induced epithelial-to-mesenchymal transition.

Role of hepatic and pancreatic oxidative stress in arsenic induced diabetic condition in Wistar rats.

Amniotic lamellar body count and congenital diaphragmatic hernia in humans and in a rat model.

Native fluorescence spectra of human cancerous and normal breast tissues analyzed with non-negative constraint methods.

Pesticides, microglial NOX2, and Parkinson's disease.

Intrarenal metabolomic investigation of chronic kidney disease and its TGF- β^1 mechanism in induced-adenine rats using UPLC Q-TOF/HSMS/MS(E).

Arsenic increases Pi-mediated vascular calcification and induces premature senescence in vascular smooth muscle cells.

An update on uremic toxins.

Methane biogenesis during sodium azide-induced chemical hypoxia in rats.

CD44v6 expression in human skin keratinocytes as a possible mechanism for carcinogenesis associated with chronic arsenic exposure.

Trichosanthes dioica root alleviates arsenic induced myocardial toxicity in rats.

Dynamics of organohalogenated contaminants in human serum from obese individuals during one year of weight loss treatment.

The role of aryl hydrocarbon receptor-regulated cytochrome P450 enzymes in glioma.

[Molecular mechanisms for uremic toxin-induced oxidative tissue damage via a cardiovascular-renal connection].

Increased kidney metabolism as a pathway to kidney tissue hypoxia and damage: effects of triiodothyronine and dinitrophenol in normoglycemic rats.

Occurrence of disseminated intravascular coagulation in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced pneumonia in the rat.

A genetically encoded FRET lactate sensor and its use to detect the Warburg effect in single cancer cells.

Warburg and Crabtree effects in premalignant Barrett's esophagus cell lines with active mitochondria.

Effect of nitrofen in the final stages of development of the diaphragm muscle in rats.

KML001 displays vascular disrupting properties and irinotecan combined antitumor activities in a murine tumor model.

Oculomotor deficits in aryl hydrocarbon receptor null mouse.

p-Cresyl sulfate promotes insulin resistance associated with CKD.

Increased activation of NADPH oxidase 4 in the pulmonary vasculature in experimental diaphragmatic hernia.

Arsenic and arsenic species in cultured oyster (*Crassostrea gigas* and *C. corteziensis*) from coastal lagoons of the SE Gulf of California, Mexico.

Estimation of the enamel and dentin mineral content from the refractive index.

Sequence capture and massively parallel sequencing to detect mutations associated with malignant hyperthermia.

Inhibition of neurite outgrowth and alteration of cytoskeletal gene expression by sodium arsenite.

TCDD-elicited effects on liver, serum, and adipose lipid composition in C57BL/6 mice.

Delayed temporal increase of hepatic Hsp70 in ApoE knockout mice after prenatal arsenic exposure.

Timing and expression of the angiotensin-1-Tie-2 pathway in murine lung development and congenital diaphragmatic hernia.

Comparison of destructive periodontal disease in blue iris mink to PCB 126-induced mandibular and maxillary squamous epithelial proliferation in natural dark mink.

Protective effects of protocatechuic acid on TCDD-induced oxidative and histopathological damage in the heart tissue of rats.

Sodium arsenite induced reactive oxygen species generation, nuclear factor (erythroid-2 related) factor 2 activation, heme oxygenase-1 expression, and glutathione elevation in Chang human hepatocytes.

Inhibition of hepatocyte nuclear factor 1 and 4 alpha (HNF1 α and HNF4 α) as a mechanism of arsenic carcinogenesis.

Surface fluorescence studies of tissue mitochondrial redox state in isolated perfused rat lungs.

AhR-mediated changes in global gene expression in rat liver progenitor cells.

Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the peripheral nervous system of developing red seabream (*Pagrus major*).

Molecular cloning, expression and oxidative stress response of a mitochondrial thioredoxin peroxidase gene (AccTpx-3) from *Apis cerana cerana*.

TCDD inhibits heart regeneration in adult zebrafish.

In vitro propagation and production of cardiogenic glycosides in shoot cultures of *Digitalis purpurea* L. by elicitation and precursor feeding.

Oxysterols modulate calcium signalling in the A7r5 aortic smooth muscle cell-line.

Expression of PiABP19, Picdc2 and PiSERK3 during induction of somatic embryogenesis in leaflets of *Prunus incisa* (Thunb.).

Investigation of ifosfamide nephrotoxicity induced in a liver-kidney co-culture biochip.

Chromatographic behaviour predicts the ability of potential nootropics to permeate the blood-brain barrier.

Harmine and harmaline downregulate TCDD-induced Cyp1a1 in the livers and lungs of C57BL/6 mice.

Imaging imidazole-12 binding sites in porcine brain using 11C-BU99008.

Aldo-keto reductases mediate constitutive and inducible protection against aldehyde toxicity in human neuroblastoma SH-SY5Y cells.

Impact of 2,3,7,8-tetrachlorodibenzo-p-dioxin on cutaneous wound healing.

The synthesis and biodistribution of [(11)C]metformin as a PET probe to study hepatobiliary transport mediated by the multi-drug and toxin extrusion transporter 1 (MATE1) in vivo.

[Classical oxazaphosphorines--metabolism and therapeutic properties--new implications].

Demonstration of ATP-dependent, transcellular transport of lipid across the lymphatic endothelium using an in vitro model of the lacteal.

Neuroglobin involvement in the course of arsenic toxicity in rat cerebellar granule neurons.

The osteogenic response of mesenchymal stem cells to an injectable PLGA bone regeneration system.

Structure-activity relationship of selected meta- and para-hydroxylated non-dioxin like polychlorinated biphenyls: from single RyR1 channels to muscle dysfunction.

Biomonitoring of non-dioxin-like polychlorinated biphenyls in transgenic *Arabidopsis* using the mammalian pregnane X receptor system: a role of pectin in pollutant uptake.

2,4-Dinitrophenol induces neural differentiation of murine embryonic stem cells.

Differential influences of various arsenic compounds on antioxidant defense system in liver and kidney of rats.

Disruption of aryl hydrocarbon receptor homeostatic levels during embryonic stem cell differentiation alters expression of homeobox transcription factors that control cardiomyogenesis.

Gastrointestinal stromal tumors: a case-only analysis of single nucleotide polymorphisms and somatic mutations.

Novel Fluorometric Tool to Assess Mitochondrial Redox State of Isolated Perfused Rat Lungs after Exposure to Hyperoxia.

Knockout of the aryl hydrocarbon receptor results in distinct hepatic and renal phenotypes in rats and mice.

Assessment of somatic embryogenesis potency in Indian soybean [*Glycine max* (L.) Merr.] cultivars.

p-Cresyl sulfate induces osteoblast dysfunction through activating JNK and p38 MAPK pathways.

Structure-activity relationship of non-coplanar polychlorinated biphenyls toward skeletal muscle ryanodine receptors in rainbow trout (*Oncorhynchus mykiss*).

Interaction of aldehydes derived from lipid peroxidation and membrane proteins.

NDL-PCBs in muscle of the European catfish (*Silurus glanis*): an alert from Italian rivers.

Acute toxicity of some synthetic cyanogens in rats: time-dependent cyanide generation and cytochrome oxidase inhibition in soft tissues after sub-lethal oral intoxication.

Evaluating effects of penicillin treatment on the metabolome of rats.

Radiosynthesis and evaluation of new α -adrenoceptor antagonists as PET radioligands for brain imaging.

Transplantation of induced pluripotent stem cells without C-Myc attenuates retinal ischemia and reperfusion injury in rats.

Cell to organ: physiological, immunotoxic and oxidative stress responses of *Lamellidens marginalis* to inorganic arsenite.

Relative effect potency estimates of dioxin-like activity for dioxins, furans, and dioxin-like PCBs in adults based on two thyroid outcomes.

Modulation of cytochrome P450 1 (Cyp1) by vanadium in hepatic tissue and isolated hepatocyte of C57BL/6 mice.

Tissue distribution of dioxin-like compounds: potential impacts on systemic relative potency estimates.

Skeletal muscle-specific T-tubule protein STAC3 mediates voltage-induced Ca²⁺ release and contractility.

Metformin increases mitochondrial energy formation in L6 muscle cell cultures.

Microbial-mammalian cometabolites dominate the age-associated urinary metabolic phenotype in Taiwanese and American populations.

Polychlorodibenzodioxin and -furan and dioxin-like polychlorobiphenyl distribution in tissues and dairy products of dairy buffaloes.

Dioxin-like compounds and bone quality in Cree women of Eastern James Bay (Canada): a cross-sectional study.

A potential gravity-sensing role of vascular smooth muscle cell glycocalyx in altered gravitational stimulation.

Differential regulation of Arabidopsis plastid gene expression and RNA editing in non-photosynthetic tissues.

Sex differences in the accumulation of chlorinated dioxins in the cormorant (*Phalacrocorax carbo*): implication of hepatic sequestration in the maternal transfer.

Sepiapterin reductase mediates chemical redox cycling in lung epithelial cells.

Persistent toxic burdens of halogenated phenolic compounds in humans and wildlife.

Cyp1a reporter zebrafish reveals target tissues for dioxin.

The role of p38 in mitochondrial respiration in male and female mice.

Oral administration of hesperidin, a citrus flavonone, in rats counteracts the oxidative stress, the inflammatory cytokine production, and the hepatotoxicity induced by the ingestion of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

The fixation effect of a silk fibroin-bacterial cellulose composite plate in segmental defects of the zygomatic arch: an experimental study.

Use of a highly sensitive recombinant hepatoma cell method to determine dioxin concentrations in samples of fish and crab from a hotspot area.

Dietary carnosine prevents early atherosclerotic lesion formation in apolipoprotein E-null mice.

Dietary exposure of juvenile female mice to polyhalogenated seafood contaminants (HBCD, BDE-47, PCB-153, TCDD): comparative assessment of effects in potential target tissues.

Altering HIF-1 α through 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure affects coronary vessel development.

Cold response of dedifferentiated barley cells at the gene expression, hormone composition, and freezing tolerance levels: studies on callus cultures.

High efficiency secondary somatic embryogenesis in *Hovenia dulcis* Thunb. through solid and liquid cultures.

Two-photon microscopy and fluorescence lifetime imaging of retinal pigment epithelial cells under oxidative stress.

Loss of Neil3, the major DNA glycosylase activity for removal of hydantoins in single stranded DNA, reduces cellular proliferation and sensitizes cells to genotoxic stress.

Influence of cyclic mechanical stretch and tissue constraints on cellular and collagen alignment in fibroblast-derived cell sheets.

Increased polyamines alter chromatin and stabilize autoantigens in autoimmune diseases.

Critical role of aldehydes in cigarette smoke-induced acute airway inflammation.

Early membrane events induced by salicylic acid in motor cells of the *Mimosa pudica* pulvinus.

Accumulation and half-lives of 13 pesticides in muscle tissue of freshwater fishes through food exposure.

Synthesis and bioevaluation of $[(18)\text{F}]4\text{-fluoro-}m\text{-hydroxyphenethylguanidine}$ ($[(18)\text{F}]4\text{F-MHPG}$): a novel radiotracer for quantitative PET studies of cardiac sympathetic innervation.

Advances in thin tissue Golgi-Cox impregnation: fast, reliable methods for multi-assay analyses in rodent and non-human primate brain.

Detection of pesticides and dioxins in tissue fats and rendering oils using laser-induced breakdown spectroscopy (LIBS).

High temperature injury and auxin biosynthesis in microsporogenesis.

Pulmonary GLP-1 receptor increases at birth and exogenous GLP-1 receptor agonists augmented surfactant-protein levels in litters from normal and nitrofen-treated pregnant rats.

Toxicokinetics of dioxins and other organochlorine compounds in Japanese people: association with hepatic CYP1A2 expression levels.

Cortical microtubule arrays are initiated from a nonrandom prepattern driven by atypical microtubule initiation.

Ecotoxicity and risk to human fish consumers of polychlorinated biphenyls in fish near the Hanford Site (USA).

Histopathological changes induced by paraquat on some tissues of gourami fish (*Trichogaster trichopterus*).

Ameliorative Effects of Acacia Honey against Sodium Arsenite-Induced Oxidative Stress in Some Viscera of Male Wistar Albino Rats.

Human adipose tissue derived stem cells promote liver regeneration in a rat model of toxic injury.

In vitro effects of TCDD, PCB126 and PCB153 on estrogen receptors, caspases and metalloproteinase-2 mRNA expression in the chicken shell gland.

Glutathione in multiple sclerosis.

A Systematic Review of Carcinogenic Outcomes and Potential Mechanisms from Exposure to 2,4-D and MCPA in the Environment.

A new experimental model of ATP-sensitive K^+ channel-independent insulinotropic action of glucose: a permissive role of cAMP for triggering of insulin release from rat pancreatic β -cells.

In vitro propagation of ash (*Fraxinus excelsior* L.) by somatic embryogenesis.

A novel murine model to deplete hepatic stellate cells uncovers their role in amplifying liver damage in mice.

Paraquat-induced pulmonary fibrosis starts at an early stage of inflammation in rats.

Dysregulated expression of secretogranin III is involved in neurotoxin-induced dopaminergic neuron apoptosis.

Cigarette smoke and its component acrolein augment IL-8/CXCL8 mRNA stability via p38 MAPK/MK2 signaling in human pulmonary cells.

Biochemical and histological evaluation of kidney damage after sub-acute exposure to 2,4-dichlorophenoxyacetic herbicide in rats: involvement of oxidative stress.

Chaperone heat shock protein 90 mobilization and hydralazine cytoprotection against acrolein-induced carbonyl stress.

Atrazine promotes biochemical changes and DNA damage in a Neotropical fish species.

Effects of bioreactive acrolein from automotive exhaust gases on human cells in vitro.

Activation of transcription factor MEF2D by bis(3)-cognitin protects dopaminergic neurons and ameliorates Parkinsonian motor defects.

Asymmetric patterns in the cranial skeleton of zebrafish (*Danio rerio*) exposed to sodium pentachlorophenate at different embryonic developmental stages.

Nrf2 protects against diquat-induced liver and lung injury.

[Experimental study on the therapeutic effect of C-phycoerythrin against pulmonary fibrosis induced by paraquat in rats].

Antioxidant effects of selenium on lung injury in paraquat intoxicated rats.

Pathological and toxicological findings in glyphosate-surfactant herbicide fatality: a case report.

Acute exposure of a glyphosate-based herbicide affects the gills and liver of the Neotropical fish, *Piaractus mesopotamicus*.

HRMAS NMR as a tool to study metabolic responses in heart clam *Ruditapes decussatus* exposed to Roundup®.

Investigating the impact of chronic atrazine exposure on sexual development in zebrafish.

The effects of diphenyl diselenide on oxidative stress biomarkers in *Cyprinus carpio* exposed to herbicide quinclorac (Facet®).

siRNA-mediated knock-down of NOX3: therapy for hearing loss?

Histopathological changes and antioxidant response in brain and kidney of common carp exposed to atrazine and chlorpyrifos.

Efficacy of vitamin C against liver and kidney damage induced by paraquat toxicity.

Early formation of GABAergic synapses governs the development of adult-born neurons in the olfactory bulb.

[Expression of the 4-hydroxynonenal in lung tissue in rats with paraquat poisoned and the effect of ulinastatin].

[Effects of ulinastatin on myocardial injury induced by acute paraquat poisoning].

Bark extract of *Bathysa cuspidata* attenuates extra-pulmonary acute lung injury induced by paraquat and reduces mortality in rats.

Characterization of endocrine-disrupting chemicals based on hormonal balance disruption in male and female adult rats.

[Associations of exposure to dioxins and polychlorinated biphenyls with diabetes: based on epidemiological findings].

Effects of in vivo chronic exposure to pendimethalin/Prowl 400[®] on sanitary status and the immune system in rainbow trout (*Oncorhynchus mykiss*).

[Paraquat poisoning. Case report and overview].

Resveratrol potentiates cytochrome P450 2 d22-mediated neuroprotection in maneb- and paraquat-induced parkinsonism in the mouse.

[The relationship between HIF-1 α expression and the early lung fibrosis in rats with acute paraquat poisoning].

Glyphosate-induced stiffening of HaCaT keratinocytes, a Peak Force Tapping study on living cells.

Early cytotoxic and genotoxic effects of atrazine on Wistar rat liver: a morphological, immunohistochemical, biochemical, and molecular study.

Toxic effects of pentachlorophenol, azinphos-methyl and chlorpyrifos on the development of *Paracentrotus lividus* embryos.

[Presentation of a case of Paraquat poisoning].

[The experimental study of therapeutical effects of KANGFUXINYE on upper gastrointestinal injury induced by paraquat in rats].

[Experimental anticoagulant therapy of acute lung injury induced by paraquat].

Effects of short-term sodium chlorate exposure on pigs.

Effect of chronic exposure to simazine on oxidative stress and antioxidant response in common carp (*Cyprinus carpio* L.).

Effects of atrazine and chlorpyrifos on activity and transcription of glutathione S-transferase in common carp (*Cyprinus carpio* L.).

Toxicity of pentachlorophenol to native aquatic species in the Yangtze River.

[Effects of hemoperfusion on oxidative stress, matrix metalloproteinases and their inhibitors in acute paraquat poisoning rabbits].

Hypercholesterolemia and oxidative stress inhibit endothelial cell healing after arterial injury.

Inhibition of TDP-43 accumulation by bis(thiosemicarbazonato)-copper complexes.

Acrolein induces endoplasmic reticulum stress and causes airspace enlargement.

Concordant signaling pathways produced by pesticide exposure in mice correspond to pathways identified in human Parkinson's disease.

Toxicity evaluation of glyphosate agrochemical components using Japanese medaka (*Oryzias latipes*) and DNA microarray gene expression analysis.

Paraquat, but not maneb, induces synucleinopathy and tauopathy in striata of mice through inhibition of proteasomal and autophagic pathways.

4-iodophenyl isothiocyanate: a neuroprotective compound.

Hypolipidemic and antioxidant activities of virgin olive oil and its fractions in 2,4-dichlorophenoxyacetic acid-treated rats.

Proteomic analysis of hepatic tissue in adult female zebrafish (*Danio rerio*) exposed to atrazine.

Tissue biochemical alterations of *Cyprinus carpio* exposed to commercial herbicide containing clomazone under rice-field conditions.

[Effect of subchronic realgar exposure on Glu and Gln in infant rat brain].

Transient receptor potential channels mediate the tussive response to prostaglandin E2 and bradykinin.

Antihyperglycemic and antihyperlipidemic action of cinnamaldehyde in C57BLKS/J db/db mice.

Aminotriazole attenuated carbon tetrachloride-induced oxidative liver injury in mice.

In vitro induction of tetraploid garlic with trifluralin.

[Effect of acrolein exposure on the percentage of CD4⁺CD25⁺ regulatory T cells and expression of transcription factor Foxp3 in asthmatic rats].

Monoclonal antibody against protein-bound glutathione: use of glutathione conjugate of acrolein-modified proteins as an immunogen.

TRPA1 is functionally expressed in melanoma cells but is not critical for impaired proliferation caused by allyl isothiocyanate or cinnamaldehyde.

Inverse correlation between stroke and urinary 3-hydroxypropyl mercapturic acid, an acrolein-glutathione metabolite.

Effect of cigarette smoking on cough reflex induced by TRPV1 and TRPA1 stimulations.

mIGF-1/JNK1/SirT1 signaling confers protection against oxidative stress in the heart.

2-methoxycinnamaldehyde from *Cinnamomum cassia* reduces rat myocardial ischemia and reperfusion injury in vivo due to HO-1 induction.

Ingestion of cinnamaldehyde, a TRPA1 agonist, reduces visceral fats in mice fed a high-fat and high-sucrose diet.

Methylglyoxal activates the human transient receptor potential ankyrin 1 channel.

[Effect on different concentrations of exogenous hormones on baicalin in *Scutellaria baicalensis* callus].

Plants as biofactories: glyphosate-induced production of shikimic acid and phenolic antioxidants in wounded carrot tissue.

Reactive carbonyl compounds (RCCs) cause aggregation and dysfunction of fibrinogen.

Comparative computational modeling of airflows and vapor dosimetry in the respiratory tracts of rat, monkey, and human.

Effects of auxins on the production of steroidal alkaloids in rapidly proliferating tissue and cell cultures of *Solanum lyratum*.

The combination of quantitative PCR and western blot detecting CP4-EPSPS component in Roundup Ready soy plant tissues and commercial soy-related foodstuffs.

Development of *Agrobacterium*-mediated transformation technology for mature seed-derived callus tissues of indica rice cultivar IR64.

A lung dosimetry model of vapor uptake and tissue disposition.

TRPA1 is functionally expressed primarily by IB4-binding, non-peptidergic mouse and rat sensory neurons.

Increased expression of SVCT2 in a new mouse model raises ascorbic acid in tissues and protects against paraquat-induced oxidative damage in lung.

Hydrogen peroxide enhances vasodilatation by increasing dimerization of cGMP-dependent protein kinase type II \pm .

Determination of tissue to blood partition coefficients for nonvolatile herbicides, insecticides, and fungicides using negligible depletion solid-phase microextraction (nd-SPME) and ultrafiltration.

Combinatorial genetic transformation of cereals and the creation of metabolic libraries for the carotenoid pathway.

Limited uptake, translocation and enhanced metabolic degradation contribute to glyphosate tolerance in *Mucuna pruriens* var. utilis plants.

Quinclorac resistance: a concerted hormonal and enzymatic effort in *Echinochloa phyllopogon*.

The cyclophosphamide metabolite, acrolein, induces cytoskeletal changes and oxidative stress in Sertoli cells.

Mitochondrial function is involved in regulation of cholesterol efflux to apolipoprotein (apo)A-I from murine RAW 264.7 macrophages.

Differentially expressed genes and pathways induced by organophosphates in human neuroblastoma cells.

Environmental toxicants as extrinsic epigenetic factors for parkinsonism: studies employing transgenic *C. elegans* model.

Silibinin ameliorates arsenic induced nephrotoxicity by abrogation of oxidative stress, inflammation and apoptosis in rats.

Activation of the aryl hydrocarbon receptor reduces the number of precursor and effector T cells, but preserves thymic CD4+CD25+Foxp3+ regulatory T cells.

Tryptophan catabolism in cancer: beyond IDO and tryptophan depletion.

Invited review: Efficacy, metabolism, and toxic responses to chlorate salts in food and laboratory animals.

Lack of an association human dioxin detoxification gene polymorphisms with endometriosis in Japanese women: results of a pilot study.

Ameliorating effects of quercetin and chrysin on 2,3,7,8-tetrachlorodibenzo- p-dioxin-induced nephrotoxicity in rats.

Telmisartan treatment attenuates arsenic-induced hepatotoxicity in mice.

NADPH oxidase 1 mediates α -synucleinopathy in Parkinson's disease.

Background exposure to persistent organic pollutants predicts stroke in the elderly.

Biomarkers spectral subspace for cancer detection.

[Chronic central nervous system effects of pesticides: state-of-the-art].

Prenatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin produces alterations in cortical neuron development and a long-term dysfunction of glutamate transmission in rat cerebral cortex.

Progesterone-dependent regulation of endometrial cannabinoid receptor type 1 (CB1-R) expression is disrupted in women with endometriosis and in isolated stromal cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Exposure to environmental toxins and the risk of sporadic motor neuron disease: an expanded Australian case-control study.

Development of brucine-loaded microsphere/thermally responsive hydrogel combination system for intra-articular administration.

Suicidal sodium azide intoxication: An analytical challenge based on a rare case.

Mild uncoupling of respiration and phosphorylation as a mechanism providing nephro- and neuroprotective effects of penetrating cations of the SkQ family.

Synergistic effects of tributyltin and 2,3,7,8-tetrachlorodibenzo-p-dioxin on differentiating osteoblasts and osteoclasts.

Ameliorative effect of docosahexaenoic acid on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced histological changes, oxidative stress, and DNA damage in rat liver.

Inactivation of the sodA gene of *Streptococcus suis* type 2 encoding superoxide dismutase leads to reduced virulence to mice.

Optimization of a histopathological biomarker for sphingomyelin accumulation in acid sphingomyelinase deficiency.

Intracellular accumulation of bilirubin as a defense mechanism against increased oxidative stress.

In vivo regulation of the heme oxygenase-1 gene in humanized transgenic mice.

Curcumin encapsulated in chitosan nanoparticles: a novel strategy for the treatment of arsenic toxicity.

Oxidative stress fuels *Trypanosoma cruzi* infection in mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces a proteomic pattern that defines cleft palate formation in mice.

Progesterone receptor is involved in 2,3,7,8-tetrachlorodibenzo-p-dioxin-stimulated breast cancer cells proliferation.

Pax3 gene expression is not altered during diaphragmatic development in nitrofen-induced congenital diaphragmatic hernia.

Pesticide exposure and amyotrophic lateral sclerosis.

Octanoate and nonanoate oxidation increases 50-80% over the first two days of life in piglet triceps brachii and gracilis muscle strips.

Sensitivity to dioxin decreases as zebrafish mature.

Comparative study of hypocholesterolemic and hypolipidemic effects of conjugated linolenic acid isomers against induced biochemical perturbations and aberration in erythrocyte membrane fluidity.

Adipose tissue and bone marrow-derived stem cells react similarly in an ischaemia-like microenvironment.

Quercetin prevents 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced testicular damage in rats.

Oxidation of low-density lipoprotein by iron at lysosomal pH: implications for atherosclerosis.

Aryl hydrocarbon receptor-mediated induction of EBV reactivation as a risk factor for Sjögren's syndrome.

Treatment with endotracheal therapeutics after sarin microinstillation inhalation exposure increases blood cholinesterase levels in guinea pigs.

An arabinoxylan-rich fraction from wheat enhances caecal fermentation and protects colonocyte DNA against diet-induced damage in pigs.

A novel method for the rapid determination of beta-amyloid toxicity on acute hippocampal slices using MTT and LDH assays.

[Plummer-Vinson syndrome: report of a case and review of literature].

A phytochemical approach to experimental metabolic syndrome-associated renal damage and oxidative stress.

β -catenin expression in areca quid chewing-associated oral squamous cell carcinomas and upregulated by arecoline in human oral epithelial cells.

Inflammatory pathway genes belong to major targets of persistent organic pollutants in adipose cells.

A unique library of myogenic cells from facioscapulohumeral muscular dystrophy subjects and unaffected relatives: family, disease and cell function.

Two different dosing regimens of human recombinant erythropoietin beta during preoperative autologous blood donation in patients having hip arthroplasty.

Fertile transgenic *Brachiaria ruziziensis* (ruzigrass) plants by particle bombardment of tetraploidized callus.

Requirement of matrix metalloproteinase-1 for intestinal homeostasis in the adult *Drosophila* midgut.

Induction of mitochondrial uncoupling enhances VEGF β , α , ϵ but reduces MCP-1 release in mature 3T3-L1 adipocytes: possible regulatory mechanism through endogenous ER stress and AMPK-related pathways.

Establishment of an in vitro regeneration system for genetic transformation of selected sugarcane genotypes.

[Metabonomic study on protective effect of ethanol extracts of *drynariae rhizoma* on osteoporosis in rats urine by using UPLC-MS/MS].

Sarcoplasmic reticulum Ca²⁺ permeation explored from the lumen side in mdx muscle fibers under voltage control.

Plant expression, lyophilisation and storage of HBV medium and large surface antigens for a prototype oral vaccine formulation.

Subacute arsenic exposure through drinking water reduces the pharmacodynamic effects of ketoprofen in male rats.

Uncoupling oxidative phosphorylation with 2,4-dinitrophenol promotes development of the adhesion phenotype.

Polychlorinated biphenyl congeners that increase the glucuronidation and biliary excretion of thyroxine are distinct from the congeners that enhance the serum disappearance of thyroxine.

Hepatoprotective role and antioxidant capacity of selenium on arsenic-induced liver injury in rats.

Defective pulmonary innervation and autonomic imbalance in congenital diaphragmatic hernia.

Iron depletion and repletion with ferrous sulfate or electrolytic iron modifies the composition and metabolic activity of the gut microbiota in rats.

Nitrofen interferes with trophoblastic expression of retinol-binding protein and transthyretin during lung morphogenesis in the nitrofen-induced congenital diaphragmatic hernia model.

Up-regulation of osteopontin expression by aryl hydrocarbon receptor via both ligand-dependent and ligand-independent pathways in lung cancer.

Glutathione-deficient mice are susceptible to TCDD-Induced hepatocellular toxicity but resistant to steatosis.

[Antiangiogenic and antitumor properties of cartilage].

Executive function deficits and social-behavioral abnormality in mice exposed to a low dose of dioxin in utero and via lactation.

Global DNA methylation not increased in chronic hemodialysis patients: a case-control study.

Quantitative proteomic analyses of cerebrospinal fluid using iTRAQ in a primate model of iron deficiency anemia.

A novel MYOC heterozygous mutation identified in a Chinese Uygur pedigree with primary open-angle glaucoma.

Coupled nitric oxide and autonomic receptor functional responses in the normal and inflamed urinary bladder of the rat.

Classic and new animal models of Parkinson's disease.

MiR-206 regulates neural cells proliferation and apoptosis via Otx2.

Uremic toxins induce kidney fibrosis by activating intrarenal renin-angiotensin-aldosterone system associated epithelial-to-mesenchymal transition.

Circulating levels of persistent organic pollutants (POPs) and carotid atherosclerosis in the elderly.

The pulmonary mesenchymal tissue layer is defective in an in vitro recombinant model of nitrofen-induced lung hypoplasia.

TCDD disrupts hypural skeletogenesis during medaka embryonic development.

The cutaneous lesions of dioxin exposure: lessons from the poisoning of Victor Yushchenko.

Retinoic acid rescues deficient airway innervation and peristalsis of hypoplastic rat lung explants.

Hepatoprotective role of vitamin B(12) and folic acid in arsenic intoxicated rats.

Effects of arsenic exposure during the pre- and postnatal development on the puberty of female offspring.

Contact and fumigant toxicities of 3-methylphenol isolated from *Ostericum koreanum* and its derivatives against house dust mites.

Preliminary morphological and biochemical changes in rat liver following postnatal exposure to sodium arsenite.

Permeation and metabolism of cocaine in the nasal mucosa.

Hydroxyapatite bioactivated bacterial cellulose promotes osteoblast growth and the formation of bone nodules.

ALS-linked SOD1 in glial cells enhances γ -N-Methylamino L-Alanine (BMAA)-induced toxicity in *Drosophila*.

The protective role of vitamin E on the testicular tissue in rats exposed to sodium arsenite during the prenatal stage till sex maturity: A stereological analysis.

[Changes in polarization of myometrial cells plasma and internal mitochondrial membranes under calixarenes action as inhibitors of plasma membrane Na⁺, K⁺-ATPase].

Organochlorine pesticides induce epithelial to mesenchymal transition of human primary cultured hepatocytes.

Polychlorinated biphenyls (PCBs) in marine fishes from China: levels, distribution and risk assessment.

Effects of iron glycine chelate on growth, tissue mineral concentrations, fecal mineral excretion, and liver antioxidant enzyme activities in broilers.

Distinct bioaccumulation profile of pesticides and dioxin-like compounds by mollusk bivalves reared in polluted and unpolluted tropical bays: consumption risk and seasonal effect.

The epidemiology of sarcoma.

Small reactive carbonyl compounds as tissue lipid oxidation products; and the mechanisms of their formation thereby.

VP2118 has major roles in *Vibrio parahaemolyticus* response to oxidative stress.

The osteogenesis of bacterial cellulose scaffold loaded with bone morphogenetic protein-2.

Regulation of uterine AHR battery gene expression by 17 β -Estradiol is predominantly mediated by estrogen receptor β .

Phosphorylation and ubiquitination of dynamin-related proteins (AtDRP3A/3B) synergically regulate mitochondrial proliferation during mitosis.

The contribution of thioredoxin-2 reductase and glutathione peroxidase to H₂O₂ detoxification of rat brain mitochondria.

Development of an ion chromatography-inductively coupled plasma-mass spectrometry method to determine inorganic arsenic in liver from chickens treated with roxarsone.

Effects of caffeine on metabolism and mitochondria biogenesis in rhabdomyosarcoma cells compared with 2,4-dinitrophenol.

Evaluation of biochemical, hematological and oxidative parameters in mice exposed to the herbicide glyphosate-Roundup(®).

Antioxidant attenuation of atrazine induced histopathological changes in testicular tissue of goat in vitro.

Protective Effect of Psidium guajava in Arsenic-induced Oxidative Stress and Cytological Damage in Rats.

Alpha-mangostin induces changes in glutathione levels associated with glutathione peroxidase activity in rat brain synaptosomes.

Impaired adaptability of in vivo mitochondrial energetics to acute oxidative insult in aged skeletal muscle.

Analysis of neuroglobin mRNA expression in rat brain due to arsenite-induced oxidative stress.

Arsenic exposure inhibits myogenesis and neurogenesis in P19 stem cells through repression of the β -catenin signaling pathway.

Plasma polymer coatings to aid retinal pigment epithelial growth for transplantation in the treatment of age related macular degeneration.

TGF- β 1 signaling plays a dominant role in the crosstalk between TGF- β 1 and the aryl hydrocarbon receptor ligand in prostate epithelial cells.

Embryotoxicity assessment of developmental neurotoxicants using a neuronal endpoint in the embryonic stem cell test.

Biochar reduces copper toxicity in *Chenopodium quinoa* Willd. In a sandy soil.

Effect of mercury on aryl hydrocarbon receptor-regulated genes in the extrahepatic tissues of C57BL/6 mice.

Somatic embryogenesis of a wild passion fruit species *Passiflora cincinnata* Masters: histocytological and histochemical evidences.

Tissue specificity of aryl hydrocarbon receptor (AhR) mediated responses and relative sensitivity of white sturgeon (*Acipenser transmontanus*) to an AhR agonist.

Enhanced optical clearing of skin in vivo and optical coherence tomography in-depth imaging.

Metabolism of the antibacterial triclocarban by human epidermal keratinocytes to yield protein adducts.

Changes in proteolytic enzymes mRNAs and proteins relevant for meat quality during myogenesis and hypoxia of primary bovine satellite cells.

Differential modulation of aryl hydrocarbon receptor regulated enzymes by arsenite in the kidney, lung, and heart of C57BL/6 mice.

Differentiation in boron distribution in adult male and female rats' normal brain: a BNCT approach.

Arsenic toxicity: a heart-breaking saga of a freshwater mollusc.

Enhanced pressurized liquid extraction technique capable of analyzing polychlorodibenzo-p-dioxins, polychlorodibenzofurans, and polychlorobiphenyls in fish tissue.

2,3,7,8-Tetrachlorodibenzo-p-dioxin activates the aryl hydrocarbon receptor and alters sex steroid hormone secretion without affecting growth of mouse antral follicles in vitro.

Oxidative damage in human gingival fibroblasts exposed to cigarette smoke.

Meta-analysis of data from human ex vivo placental perfusion studies on genotoxic and immunotoxic agents within the integrated European project NewGeneris.

Dietary- and tissue-based exposure of belted kingfisher to PCDFs and PCDDs in the Tittabawassee River floodplain, Midland, MI, USA.

Buffalo (*Bubalus bubalis*) epiphyseal proteins counteract arsenic-induced oxidative stress in brain, heart, and liver of female rats.

Herbicide metolachlor causes changes in reproductive endocrinology of male wistar rats.

Insight into the neuroproteomics effects of the food-contaminant non-dioxin like polychlorinated biphenyls.

Residual sarcoplasmic reticulum Ca²⁺ concentration after Ca²⁺ release in skeletal myofibers from young adult and old mice.

Comparative proteomic analysis of auxin-induced embryogenic and nonembryogenic tissues of the solanaceous tree *Cyphomandra betacea* (Tamarillo).

First Report of Blight Caused by *Sclerotium rolfsii* on the Invasive Exotic Weed, *Vincetoxicum rossicum* (Pale Swallow-Wort), in Western New York.

Acute inhalation study of allyl alcohol for derivation of acute exposure guideline levels.

7-Substituted-pyrrolo[3,2-d]pyrimidine-2,4-dione derivatives as antagonists of the transient receptor potential ankyrin 1 (TRPA1) channel: a promising approach for treating pain and inflammation.

Metabolic activation of sulfur mustard leads to oxygen free radical formation.

Large enhancement of skeletal muscle cell glucose uptake and suppression of hepatocyte glucose-6-phosphatase activity by weak uncouplers of oxidative phosphorylation.

Effects of dietary exposure of mink (*Mustela vison*) to 2,3,7,8-tetrachlorodibenzo-p-dioxin, 2,3,4,7,8-pentachlorodibenzofuran, and 2,3,7,8-tetrachlorodibenzofuran on reproduction and offspring viability and growth.

Arsenic exposure to killifish during embryogenesis alters muscle development.

Mast cells in the intestine and gills of the sea bream, *Sparus aurata*, exposed to a polychlorinated biphenyl, PCB 126.

Atrazine in sub-acute exposure results in sperm DNA disintegrity and nuclear immaturity in rats.

Prospective experimental studies on the renal protective effect of ulinastatin after paraquat poisoning.

Pollution level and human health risk assessment of some pesticides and polychlorinated biphenyls in Nantong of Southeast China.

Protective Effect of Silymarin against Acrolein-Induced Cardiotoxicity in Mice.

Tumor necrosis factor α stimulates expression and secretion of urokinase plasminogen activator in human dental pulp cells.

Transient receptor potential ankyrin 1 channel localized to non-neuronal airway cells promotes non-neurogenic inflammation.

Action of lipopolysaccharide on interstitial cells of cajal from mouse small intestine.

Bismuth protects against arsenite-induced inhibition of proteoglycan synthesis in cultured vascular endothelial cells.

Enzymatic degradation of endocrine-disrupting chemicals in aquatic plants and relations to biological Fenton reaction.

Lipid peroxidation in brain tissue following administration of low and high doses of arsenite and L-ascorbate in wistar strain rats.

Involvement of cholesterol membrane transporter Niemann-Pick C1-like 1 in the intestinal absorption of lutein.

Tissue concentrations of pesticides, PCBs and metals among ospreys, *Pandion haliaetus*, collected in France.

Synthesis and evaluation of PET probes for the imaging of I2 imidazoline receptors in peripheral tissues.

Antioxidant and inhibitory effect of red ginger (*Zingiber officinale* var. *Rubra*) and white ginger (*Zingiber officinale* Roscoe) on Fe(2+) induced lipid peroxidation in rat brain in vitro.

Comparison of the acute toxicities of novel algicides, thiazolidinedione derivatives TD49 and TD53, to various marine organisms.

Toxicological responses of *Cyprinus carpio* exposed to a commercial formulation containing glyphosate.

Thioredoxin 1 overexpression extends mainly the earlier part of life span in mice.

Differential regional expression patterns of α -synuclein, TNF- α , and IL-1 β ; and variable status of dopaminergic neurotoxicity in mouse brain after Paraquat treatment.

Alterations in jejunal morphology and serotonin-containing enteroendocrine cells in peripubertal male rats associated with subchronic atrazine exposure.

Epidemiologic studies of glyphosate and non-cancer health outcomes: a review.

Differential response of young and adult leaves to herbicide 2,4-dichlorophenoxyacetic acid in pea plants: role of reactive oxygen species.

Medical management of paraquat ingestion.

Acute exposure to glyphosate herbicide affects oxidative parameters in piava (*Leporinus obtusidens*).

Effects of glyphosate and polyoxyethylenamine on growth and energetic reserves in the freshwater crayfish *Cherax quadricarinatus* (Decapoda, Parastacidae).

Proteomic profiling of acrolein adducts in human lung epithelial cells.

[Effects of hemoperfusion on plasma concentration and histopathological changes in paraquat poisoning rabbits].

[Pulmonary platelet endothelial cell adhesion molecule-1 (PECAM-1) in rabbits after acute paraquat (PQ) poisoning].

Protective effect of *Ginkgo biloba* L. leaf extract against glyphosate toxicity in Swiss albino mice.

Cigarette smoke components induce matrix metalloproteinase-1 in aortic endothelial cells through inhibition of mTOR signaling.

Demasculinization and feminization of male gonads by atrazine: consistent effects across vertebrate classes.

Toxicological responses of *Cyprinus carpio* exposed to the herbicide penoxsulam in rice field conditions.

Protective effect of 4,4'-diaminodiphenylsulfone against paraquat-induced mouse lung injury.

Snails as indicators of pesticide drift, deposit, transfer and effects in the vineyard.

The protective effect of C-phycoyanin on paraquat-induced acute lung injury in rats.

Acrolein-mediated injury in nervous system trauma and diseases.

Acrolein-induced dyslipidemia and acute-phase response are independent of HMG-CoA reductase.

Protein modification by acrolein: relevance to pathological conditions and inhibition by aldehyde sequestering agents.

Acrolein induced DNA damage, mutagenicity and effect on DNA repair.

Comparison of nitrofen uptake via water and food and its distribution in tissue of common carp, *Cyprinus carpio* L.

TCDD and cancer: a critical review of epidemiologic studies.

Investigation into modification of mass transfer kinetics by acrolein in a renal biochip.

Effects of atrazine and chlorpyrifos on the mRNA levels of IL-1 and IFN- γ 2b in immune organs of common carp.

Gestational atrazine exposure: effects on male reproductive development and metabolite distribution in the dam, fetus, and neonate.

Waterborne exposure to clodinafop-propargyl disrupts the posterior and ventral development of zebrafish embryos.

Involvement of N-6 adenine-specific DNA methyltransferase 1 (N6AMT1) in arsenic biomethylation and its role in arsenic-induced toxicity.

Histopathological changes in gill, liver and kidney of neotropical fish *Colossoma macropomum* exposed to paraquat at different temperatures.

Genetic-based, differential susceptibility to paraquat neurotoxicity in mice.

Acrolein induces myelin damage in mammalian spinal cord.

Roundup effects on oxidative stress parameters and recovery pattern of *Rhamdia quelen*.

[Effect of ulinastatin on the expression of heat shock protein 70 and NF-kappaB in lung tissue in rats with paraquat poisoned].

Protection of bone marrow mesenchymal stem cells from acute lung injury induced by paraquat poisoning.

Tissue plasminogen activator and plasminogen activator inhibitor-1 levels in patients with acute paraquat intoxication.

Inhibition of myotube formation by paraquat in the myoblast cell line C2C12.

Mortality of US pentachlorophenol production workers through 2005.

A review of epidemiologic studies of triazine herbicides and cancer.

Therapeutic hypothermia attenuates acute lung injury in paraquat intoxication in rats.

Mutagenic and genotoxic assessment of atrazine-based herbicide to freshwater fish *Channa punctatus* (Bloch) using micronucleus test and single cell gel electrophoresis.

[Clinical study of dynamic change of inflammatory factors in serum of acute paraquat rats].

Effect of low dose exposure to the herbicide atrazine and its metabolite on cytochrome P450 aromatase and steroidogenic factor-1 mRNA levels in the brain of premetamorphic bullfrog tadpoles (*Rana catesbeiana*).

Liquid chromatographic-electrospray mass spectrometric determination of 1-methyl-4-phenylpyridine (MPP+) in discrete regions of murine brain.

Toxicological responses of *Cyprinus carpio* after exposure to a commercial herbicide containing imazethapyr and imazapic.

Commercial formulation containing quinclorac and metsulfuron-methyl herbicides inhibit acetylcholinesterase and induce biochemical alterations in tissues of *Leporinus obtusidens*.

Selenium provides protection to the liver but not the reproductive organs in an atrazine-model of experimental toxicity.

A physiologically based pharmacokinetic model for atrazine and its main metabolites in the adult male C57BL/6 mouse.

[The study of effects of pirfenidone on the pulmonary fibrosis induced by paraquat in mice].

The effects of Click 500 SC (terbuthylazine) on common carp *Cyprinus carpio* under (sub)chronic conditions.

Protective effect of ambroxol against paraquat-induced pulmonary fibrosis in rats.

Wld(S) reduces paraquat-induced cytotoxicity via SIRT1 in non-neuronal cells by attenuating the depletion of NAD.

[Expression of nuclear factor kappaB and tumor necrosis factor $\hat{\pm}$ in lung tissue of paraquat poisoned rats].

Edaravone, a novel antidote against lung injury and pulmonary fibrosis induced by paraquat?

Physiological effects of temperature and a herbicide mixture on the soft-shell clam *Mya arenaria* (Mollusca, Bivalvia).

Pathological and genotoxic effects of atrazine in male Japanese quail (*Coturnix japonica*).

Suicide victim of paraquat poisoning make suitable corneal donor.

Overexpression of the pepper antimicrobial protein CaAMP1 gene regulates the oxidative stress- and disease-related proteome in *Arabidopsis*.

Protein conjugated with aldehydes derived from lipid peroxidation as an independent parameter of the carbonyl stress in the kidney damage.

TRPV1 and TRPA1 stimulation induces MUC5B secretion in the human nasal airway in vivo.

Dopamine and paraquat enhance $\hat{\pm}$ -synuclein-induced alterations in membrane conductance.

Protein-conjugated acrolein as a biochemical marker of brain infarction.

Aldose reductase (AKR1B3) regulates the accumulation of advanced glycosylation end products (AGEs) and the expression of AGE receptor (RAGE).

TRPA1 receptor modulation attenuates bladder overactivity induced by spinal cord injury.

Isopentenyl pyrophosphate is a novel antinociceptive substance that inhibits TRPV3 and TRPA1 ion channels.

Low-dose oral immunization with lyophilized tissue of herbicide-resistant lettuce expressing hepatitis B surface antigen for prototype plant-derived vaccine tablet formulation.

Oral exposure to acrolein exacerbates atherosclerosis in apoE-null mice.

Trans-cinnamaldehyde decreases attachment and invasion of uropathogenic *Escherichia coli* in urinary tract epithelial cells by modulating virulence gene expression.

Unbalanced MMP/TIMP-1 expression during the development of experimental pulmonary fibrosis with acute paraquat poisoning.

Relationship between metabolic disorders and relative risk values of brain infarction estimated by protein-conjugated acrolein, IL-6 and CRP together with age.

Anti-acrolein treatment improves behavioral outcome and alleviates myelin damage in experimental autoimmune encephalomyelitis mouse.

Mitochondrial dysfunction in skin fibroblasts from a Parkinson's disease patient with an alpha-synuclein triplication.

Reduced coupling of oxidative phosphorylation in vivo precedes electron transport chain defects due to mild oxidative stress in mice.

Therapeutic effects of cinnamaldehyde and potentiation of its efficacy in combination with methylcellulose on murine oral candidiasis.

Effect of diquat-induced oxidative stress on iron metabolism in male Fischer-344 rats.

A temporary immersion system improves in vitro regeneration of peach palm through secondary somatic embryogenesis.

Catalase activity prevents exercise-induced up-regulation of vasoprotective proteins in venous tissue.

Uptake, translocation and metabolism of aminocyclopyrachlor in prickly lettuce, rush skeletonweed and yellow starthistle.

Rac-dependent doubling of HeLa cell area and impairment of cell migration and cell cycle by compounds from *Iris germanica*.

Sampling-rate calibration for rapid and nonlethal monitoring of organic contaminants in fish muscle by solid-phase microextraction.

Urinary arsenic speciation profiles in mice subchronically exposed to low concentrations of sodium arsenate in drinking water.

Reagent precoated targets for rapid in-tissue derivatization of the anti-tuberculosis drug isoniazid followed by MALDI imaging mass spectrometry.

Transient receptor potential ankyrin 1 is expressed by inhibitory motoneurons of the mouse intestine.

Stereoselective metabolism of the herbicide fluroxypyr methylheptyl ester in rabbits.

Cigarette smoke and $\hat{1}\pm,\hat{1}^2$ -unsaturated aldehydes elicit VEGF release through the p38 MAPK pathway in human airway smooth muscle cells and lung fibroblasts.

Murine hepatic aldehyde dehydrogenase 1a1 is a major contributor to oxidation of aldehydes formed by lipid peroxidation.

Initiation of somatic embryogenesis from immature zygotic embryos of oocarpa pine (*Pinus oocarpa* Schiede ex Schlechtendal).

Direct analysis of methylated trivalent arsenicals in mouse liver by hydride generation-cryotrapping-atomic absorption spectrometry.

Regeneration of *Jatropha curcas* through efficient somatic embryogenesis and suspension culture.

Human dental pulp fibroblasts express the "cold-sensing" transient receptor potential channels TRPA1 and TRPM8.

The chemotherapy metabolite acrolein upregulates thrombin generation and impairs the protein C anticoagulant pathway in animal-based and cell-based models.

Contact and fumigant toxicity of cinnamaldehyde and cinnamic acid and related compounds to *Dermatophagoides farinae* and *Dermatophagoides pteronyssinus* (Acari: Pyroglyphidae).

Metabolic sugar signal promotes *Arabidopsis* meristematic proliferation via G2.

Effects of oleanolic acid on pulmonary morphofunctional and biochemical variables in experimental acute lung injury.

Community-led initiative for control of anemia among children 6 to 35 months of age and unmarried adolescent girls in rural Wardha, India.

Apical extrusion of sodium hypochlorite using different root canal irrigation systems.

Mutated p.4894 RyR1 function related to malignant hyperthermia and congenital neuromuscular disease with uniform type 1 fiber (CNMDU1).

Protective effects of N-acetylcysteine against arsenic-induced oxidative stress and reprotoxicity in male mice.

Identification of aryl hydrocarbon receptor binding targets in mouse hepatic tissue treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Polymorphism of the aryl-hydrocarbon receptor gene in intron 10 of human cancers.

Air pollution in autoimmune rheumatic diseases: a review.

Potential protective mechanisms of aryl hydrocarbon receptor (AHR) signaling in benign prostatic hyperplasia.

Discovery of potent, selective, and orally bioavailable alkynylphenoxyacetic acid CRTH2 (DP2) receptor antagonists for the treatment of allergic inflammatory diseases.

Nrf2 protects against 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced oxidative injury and steatohepatitis.

Intraperitoneal N-acetylcysteine for acute iron intoxication in rats.

CD82 gene suppression in endometrial stromal cells leads to increase of the cell invasiveness in the endometriotic milieu.

Animal models of Parkinson's disease: a source of novel treatments and clues to the cause of the disease.

Molecular targets that link dioxin exposure to toxicity phenotypes.

Synthesis and evaluation of novel carbon-11 labeled oxopurine analogues for positron emission tomography imaging of translocator protein (18 kDa) in peripheral organs.

Immune interactions in endometriosis.

A competitive co-cultivation assay for cancer drug specificity evaluation.

Cyanogenic glucosides in the biological warfare between plants and insects: the Burnet moth-Birdsfoot trefoil model system.

Vitamin B12 protects against superoxide-induced cell injury in human aortic endothelial cells.

Determination of uremic solutes in biological fluids of chronic kidney disease patients by HPLC assay.

Polychlorinated biphenyls and organochlorine pesticides in plasma predict development of type 2 diabetes in the elderly: the prospective investigation of the vasculature in Uppsala Seniors (PIVUS) study.

Preconception omega-3 fatty acid supplementation of adult male mice with a history of developmental 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure prevents preterm birth in unexposed female partners.

Interaction of aryl hydrocarbon receptor and NF- κ B subunit RelB in breast cancer is associated with interleukin-8 overexpression.

Interactive effect of arsenic and fluoride on cardio-respiratory disorders in male rats: possible role of reactive oxygen species.

Distinct role of Hsp70 in Drosophila hemocytes during severe hypoxia.

[Geographic epidemiology of soft tissue sarcomas, Trieste (1995 -2005)].

Mitochondrial dysfunction and oxidative stress contribute to the pathogenesis of spinocerebellar ataxia type 12 (SCA12).

Metabolomic analysis of liver and skeletal muscle tissues in C57BL/6J and DBA/2J mice exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Activation of aryl hydrocarbon receptor induces vascular inflammation and promotes atherosclerosis in apolipoprotein E-/- mice.

Prenatal administration of retinoic acid upregulates connective tissue growth factor in the nitrofen CDH model.

The role of primary myogenic regulatory factors in the developing diaphragmatic muscle in the nitrofen-induced diaphragmatic hernia.

Vascular incompetence in dialysis patients--protein-bound uremic toxins and endothelial dysfunction.

Concomitant exposure to arsenic and organophosphates on tissue oxidative stress in rats.

Heat shock protein 47 expression in oral squamous cell carcinomas and upregulated by arecoline in human oral epithelial cells.

Inverse associations between long-term weight change and serum concentrations of persistent organic pollutants.

Therapeutic efficacy of silymarin and naringenin in reducing arsenic-induced hepatic damage in young rats.

Antioxidant effect of vegetable oils containing conjugated linolenic acid isomers against induced tissue lipid peroxidation and inflammation in rat model.

Visible/near-infrared spectroscopy detects autolytic changes during storage of Atlantic salmon (*Salmo salar* L.).

Mitochondrial uncoupling agents trigger ventricular fibrillation in isolated rat hearts.

Perspectives on the potential involvement of the AH receptor-dioxin axis in cardiovascular disease.

Molecular and functional characterization of aryl hydrocarbon receptor nuclear translocator 1 (ARNT1) and ARNT2 in chicken (*Gallus gallus*).

Aryl hydrocarbon receptor activation during pregnancy, and in adult nulliparous mice, delays the subsequent development of DMBA-induced mammary tumors.

Abnormal expression of MAPK, EGFR, CK17 and TGK in the skin lesions of chloracne patients exposed to dioxins.

Analysis of human cultured myotubes responses mediated by ryanodine receptor 1.

Arsenic: toxicity, oxidative stress and human disease.

Alterations of excitation-contraction coupling and excitation coupled Ca^{2+} entry in human myotubes carrying *CAV3* mutations linked to rippling muscle.

Aryl hydrocarbon receptor activation by TCDD reduces inflammation associated with Crohn's disease.

The nutritive value of grasspea (*Lathyrus sativus*) and allied species, their toxicity to animals and the role of malnutrition in neurotoxicity.

On the biomarkers and mechanisms of konzo, a distinct upper motor neuron disease associated with food (cassava) cyanogenic exposure.

Oxidative stress and hepatic stellate cell activation are key events in arsenic induced liver fibrosis in mice.

Prenatal TCDD causes persistent modulation of the postnatal immune response, and exacerbates inflammatory disease, in 36-week-old lupus-like autoimmune SNF1 mice.

Mutant SOD1 and mitochondrial damage alter expression and splicing of genes controlling neurogenesis in models of neurodegeneration.

Effect of insulin-like growth factors on lung development in a nitrofen-induced CDH rat model.

AhR2-mediated, CYP1A-independent cardiovascular toxicity in zebrafish (*Danio rerio*) embryos exposed to retene.

[Oryzalin-induced chromosome doubling of *Scutellaria barbata*].

Does uremia cause vascular dysfunction?

Sequence analysis of MYOC and CYP1B1 in a Chinese pedigree of primary open-angle glaucoma.

[Classification as carcinogenic for 2,3,7,8-tetrachlorodibenzo-para-dioxin: an eventful journey].

Chronic exposure to arsenite induces S100A8 and S100A9 expression in rat RBL-2H3 mast cells.

Muscle weakness in Ryr1I4895T/WT knock-in mice as a result of reduced ryanodine receptor Ca²⁺ ion permeation and release from the sarcoplasmic reticulum.

Hydrogel tissue construct-based high-content compound screening.

Inhibition of hexokinase leads to neuroprotection against excitotoxicity in organotypic hippocampal slice culture.

Carcinogenic effects of "whole-life" exposure to inorganic arsenic in CD1 mice.

Cardioprotection induced by Na(+)/K(+)-ATPase activation involves extracellular signal-regulated kinase 1/2 and phosphoinositide 3-kinase/Akt pathway.

Risk-managed production of bioactive recombinant proteins using a novel plant virus vector with a helper plant to complement viral systemic movement.

Functional Characterization of Hypertrehalosemic Hormone Receptor in Relation to Hemolymph Trehalose and to Oxidative Stress in the Cockroach *Blattella germanica*.

Actions of juglone on energy metabolism in the rat liver.

Differential cytotoxic effects of sodium meta-arsenite on human cancer cells, dental papilla stem cells and somatic cells correlate with telomeric properties and gene expression.

Analysis of thyroid hormones in serum of Baikal seals and humans by liquid chromatography-tandem mass spectrometry (LC-MS/MS) and immunoassay methods: application of the LC-MS/MS method to wildlife tissues.

The constitutively active Ah receptor (CA-AhR) mouse as a model for dioxin exposure - effects in reproductive organs.

Identification of major dioxin-like compounds and androgen receptor antagonist in acid-treated tissue extracts of high trophic-level animals.

TRPV1, TRPA1, and CB1 in the isolated vagus nerve--axonal chemosensitivity and control of neuropeptide release.

Licorice extract increases cyclophosphamide teratogenicity by upregulating the expression of cytochrome P-450 2B mRNA.

Isolation and functional characterization of a cotton ubiquitination-related promoter and 5'UTR that drives high levels of expression in root and flower tissues.

Visualization of mitochondrial respiratory function using cytochrome c oxidase/succinate dehydrogenase (COX/SDH) double-labeling histochemistry.

Stereoselective metabolism of fenoxaprop-ethyl and its chiral metabolite fenoxaprop in rabbits.

An Exo2 derivative affects ER and Golgi morphology and vacuolar sorting in a tissue-specific manner in arabidopsis.

Developmental effects related to angiogenesis and osteogenic differentiation in Salmon larvae continuously exposed to dioxin-like 3,3',4,4'-tetrachlorobiphenyl (congener 77).

Transient receptor potential A1 channels: insights into cough and airway inflammatory disease.

Can time-weighted average concentrations be used to assess the risks of metsulfuron-methyl to *Myriophyllum spicatum* under different time-variable exposure regimes?

Effects of dioxin exposure in *Eisenia andrei*: integration of biomarker data by an Expert System to rank the development of pollutant-induced stress syndrome in earthworms.

Attenuating effect of lycopene and ellagic acid on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced spermiotoxicity and testicular apoptosis.

Oxidative modifications of proteins by sodium arsenite in human umbilical vein endothelial cells.

A highly efficient rice green tissue protoplast system for transient gene expression and studying light/chloroplast-related processes.

Multiresidue method for the determination of 13 pesticides in three environmental matrices: water, sediments and fish muscle.

Reproduction of European eel jeopardised by high levels of dioxins and dioxin-like PCBs?

Severe cyclophosphamide-induced haemorrhagic cystitis treated with hyperbaric oxygen.

Development of a co-culture model for in vitro toxicological studies in Atlantic salmon.

Combined effect of fluoride and 2,3,7,8-tetrachlorodibenzo-p-dioxin on mouse dental hard tissue formation in vitro.

Protective role of *Moringa oleifera* (Sajina) seed on arsenic-induced hepatocellular degeneration in female albino rats.

Integration of genome-wide computation DRE search, AhR CHIP-chip and gene expression analyses of TCDD-elicited responses in the mouse liver.

Herbal bioactivation, molecular targets and the toxicity relevance.

Sodium arsenite and hyperthermia modulate cisplatin-DNA damage responses and enhance platinum accumulation in murine metastatic ovarian cancer xenograft after hyperthermic intraperitoneal chemotherapy (HIPEC).

Hepatic effects of a highly purified 2,2',3,4,4',5,5'-heptachlorbiphenyl (PCB 180) in male and female rats.

Modulation of mast cell adhesion, proliferation, and cytokine secretion on electrospun bioresorbable vascular grafts.

Protective role of selenium against over-expression of cancer-related apoptotic genes induced by o-cresol in rats.

Multiresidue method to quantify pesticides in fish muscle by QuEChERS-based extraction and LC-MS/MS.

Assessing the genotoxic potentials of arsenic in tilapia (*Oreochromis mossambicus*) using alkaline comet assay and micronucleus test.

The generation of olfactory epithelial neurospheres in vitro predicts engraftment capacity following transplantation in vivo.

Activation of the aryl hydrocarbon receptor during pregnancy in the mouse alters mammary development through direct effects on stromal and epithelial tissues.

[Comparative investigation by spectrofluorimetry and flow cytometry of plasma and inner mitochondrial membranes polarisation in smooth muscle cell using potential-sensitive probe DiOC6(3)].

Efficient sequential synthesis of PET Probes of the COX-2 inhibitor [¹¹C]celecoxib and its major metabolite [¹¹C]SC-62807 and in vivo PET evaluation.

Regulation by heat shock protein 27 of osteocalcin synthesis in osteoblasts.

Effect of dioxin exposure on several indices of blood redox status in lactating buffalo cows.

Tissue-specific and dose-related accumulation of arsenic in mouse offspring following maternal consumption of arsenic-contaminated water.

Fibroblast cytoskeletal remodeling contributes to connective tissue tension.

Dioxin exposure of human CD34+ hemopoietic cells induces gene expression modulation that recapitulates its in vivo clinical and biological effects.

Protective effect of pretreatment with cilostazol on cytotoxicity of cadmium and arsenite in cultured vascular endothelial cells.

Risk ranking of multiple-POPs in detritivorous fish from the Río de la Plata.

Concentrations and accumulation profiles of PCDDs, PCDFs and dioxin-like PCBs in adipose fat tissues of Korean women.

Dioxin toxicity, aryl hydrocarbon receptor signaling, and apoptosis-persistent pollutants affect programmed cell death.

Stability of tissue PO₂ in the face of altered perfusion: a phenomenon specific to the renal cortex and independent of resting renal oxygen consumption.

Bacterial cellulose as a potential vascular graft: Mechanical characterization and constitutive model development.

Actin filament-organized local cortical endoplasmic reticulum aggregations in developing stomatal complexes of grasses.

Cyclooxygenase-2 contributes to functional changes seen on experimental hemorrhagic cystitis induced by ifosfamide in rat urinary bladder.

Mild mitochondrial uncoupling and calorie restriction increase fasting eNOS, akt and mitochondrial biogenesis.

Coenzyme Q10 counteracts testicular injury induced by sodium arsenite in rats.

Realgar and realgar-containing Liu-Shen-Wan are less acutely toxic than arsenite and arsenate.

H₂O₂ is the transferrable factor mediating flow-induced dilation in human coronary arterioles.

Glycation of the muscle-specific enolase by reactive carbonyls: effect of temperature and the protection role of carnosine, pyridoxamine and phosphatidylserine.

Simultaneous determination of 13 phytohormones in oilseed rape tissues by liquid chromatography-electrospray tandem mass spectrometry and the evaluation of the matrix effect.

Correlation of dysfunction of nonmuscle myosin IIA with increased induction of Cyp1a1 in Hepa-1 cells.

Manganese uptake and distribution in the brain after methyl bromide-induced lesions in the olfactory epithelia.

Isotopomer enrichment assay for very short chain fatty acids and its metabolic applications.

Overexpression of SIGMEs leads to ascorbate accumulation with enhanced oxidative stress, cold, and salt tolerance in tomato.

Transcriptional response of hepatic largemouth bass (*Micropterus salmoides*) mRNA upon exposure to environmental contaminants.

Bioaccumulation of dioxin-like substances and selected brominated flame retardant congeners in the fat and livers of black pigs farmed within the Nebrodi Regional Park of Sicily.

C-reactive protein makes human endothelium stiff and tight.

Tissue residue concentrations of organohalogen and trace elements in adult Pacific salmon returning to the Fraser River, British Columbia, Canada.

Effects of metolachlor on transcription of thyroid system-related genes in juvenile and adult Japanese medaka (*Oryzias latipes*).

Increased antibiotic release from a bone cement containing bacterial cellulose.

Realgar- and cinnabar-containing an-gong-niu-huang wan (AGNH) is much less acutely toxic than sodium arsenite and mercuric chloride.

Imaging in detecting sites of pulmonary fibrosis induced by paraquat.

Polychlorinated dibenzo-p-dioxins and dibenzofurans in different tissues of the cormorants (*Phalacrocorax carbo*) from Dongting Lake, China.

Transcriptional response of zebrafish embryos exposed to neurotoxic compounds reveals a muscle activity dependent *hspb11* expression.

A dominant negative zebrafish *Ahr2* partially protects developing zebrafish from dioxin toxicity.

Somatic embryogenesis and massive shoot regeneration from immature embryo explants of *tef*.

Evaluation of Iron-induced Oxidative Stress and its Amelioration by Certain Herbs in Broilers.

Broad-range antagonistic rhizobacteria *Pseudomonas fluorescens* and *Serratia plymuthica* suppress *Agrobacterium* crown gall tumours on tomato plants.

Differential long-term effects of developmental exposure to polychlorinated biphenyls 52, 138 or 180 on motor activity and neurotransmission. Gender dependence and mechanisms involved.

Biosynthesis of the cyanogenic glucosides linamarin and lotaustralin in cassava: isolation, biochemical characterization, and expression pattern of CYP71E7, the oxime-metabolizing cytochrome P450 enzyme.

Levels and congener profiles of PCBs and PCDD/Fs in blue shark (*Prionace glauca*) liver from the South-Eastern Mediterranean Sea (Italy).

Chronic hyperglycemia reduces substrate oxidation and impairs metabolic switching of human myotubes.

Effects of prenatal exposure to a low dose atrazine metabolite mixture on pubertal timing and prostate development of male Long-Evans rats.

Studies on the synergistic effects of extremely low-frequency magnetic fields and the endocrine-disrupting compound atrazine on the thyroid gland.

Mechanisms of olfactory toxicity of the herbicide 2,6-dichlorobenzonitrile: essential roles of CYP2A5 and target-tissue metabolic activation.

[Effects of enalapril on IL-1 β , IL-6 expression in rat lung exposure to acrolein].

Exposure to acrolein by inhalation causes platelet activation.

[Role of connective tissue growth factor and α -smooth muscle actin in pulmonary fibrosis among acute paraquat poisoned rats].

Alterations in mRNA expression of acetylcholinesterase in brain and muscle of common carp exposed to atrazine and chlorpyrifos.

Effects of Roundup Transorb on fish: hematology, antioxidant defenses and acetylcholinesterase activity.

Characterization of the human HSC20, an unusual DnaJ type III protein, involved in iron-sulfur cluster biogenesis.

[Experimental therapy of penehyclidine hydrochloride on paraquat-induced acute lung injury].

Differences in sensitivity but not selectivity of xenoestrogen binding to alligator versus human estrogen receptor alpha.

Survival and iono-regulatory performance in Atlantic salmon smolts is not affected by atrazine exposure.

Hepatotoxicity induced by sub-acute exposure of rats to 2,4-Dichlorophenoxyacetic acid based herbicide "DÃ©ormone lourd".

Oxidative stress biomarkers in *Cyprinus carpio* exposed to commercial herbicide bispyribac-sodium.

Acute atrazine exposure disrupts matrix metalloproteinases and retinoid signaling during organ morphogenesis in *Xenopus laevis*.

Increased reactive oxygen species production in the brain after repeated low-dose pesticide paraquat exposure in rats. A comparison with peripheral tissues.

Morphological damages of a glyphosate-treated human keratinocyte cell line revealed by a micro- to nanoscale microscopic investigation.

Postmortem distribution of ametryn in the blood and organ tissues of an herbicide-poisoning victim.

Desmoplastic small round-cell tumor: an adult with previous exposure to agent orange.

Simvastatin attenuates acrolein-induced mucin production in rats: involvement of the Ras/extracellular signal-regulated kinase pathway.

Toxic effects and bioaccumulation of the herbicide isoproturon in *Tubifex tubifex* (Oligocheate, Tubificidae): a study of significance of autotomy and its utility as a biomarker.

Spontaneous mutation frequency is elevated in skin of harlequin (hq)/Big Blue mice.

Cumulative effects of in utero administration of mixtures of reproductive toxicants that disrupt common target tissues via diverse mechanisms of toxicity.

[Expression of angiotensin converting enzyme and angiotensin converting enzyme 2 gene in lung of paraquat poisoning rats and protection of sodium dimercaptopropane sulfonate].

Herbicide formulation with glyphosate affects growth, acetylcholinesterase activity, and metabolic and hematological parameters in piava (*Leporinus obtusidens*).

Effects of Roundup and glyphosate formulations on intracellular transport, microtubules and actin filaments in *Xenopus laevis melanophores*.

Paraquat increases connective tissue growth factor and collagen expression via angiotensin signaling pathway in human lung fibroblasts.

Inducibility of metallothionein biosynthesis in the whole soft tissue of zebra mussels *Dreissena polymorpha* exposed to cadmium, copper, and pentachlorophenol.

[Relationship between paraquat tissue content and organ injury in paraquat poisoning rats].

[Expression of NF-kappaB and its downstream products in human umbilical vascular endothelial cells treated with paraquat].

[Changes of proteomics in the lung of rats subjected to acrolein inhalation after enalapril administration].

[Changes of proteomics in the injured lung of adult rats subjected to acrolein inhalation].

Chymase mediates paraquat-induced collagen production in human lung fibroblasts.

Intermediate filament carbonylation during acute acrolein toxicity in A549 lung cells: functional consequences, chaperone redistribution, and protection by bisulfite.

Toxicity of smoke extracts towards A549 lung cells: role of acrolein and suppression by carbonyl scavengers.

Toxicokinetics and recovery studies of dicamba dimethyl amine salt in goats following single oral administration.

Neuronal elasticity as measured by atomic force microscopy.

Low concentrations of atrazine, glyphosate, 2,4-dichlorophenoxyacetic acid, and triadimefon exposures have diverse effects on *Xenopus laevis* organ morphogenesis.

[Clinical research on high-dosage ambroxol hydrochloride associated with ulinastatin in improvement of lung tissue injury of patients with paraquat poisoning].

Simultaneous effects of nicotine, acrolein, and acetaldehyde on osteogenic-induced bone marrow cells cultured on plasma-sprayed titanium implants.

Mutagenicity of acrolein and acrolein-induced DNA adducts.

Confirmed 2,4-dichlorophenoxyacetic acid toxicosis in a dog.

Roundup causes oxidative stress in liver and inhibits acetylcholinesterase in muscle and brain of the fish *Prochilodus lineatus*.

Acetaminophen, via its reactive metabolite N-acetyl-p-benzo-quinoneimine and transient receptor potential ankyrin-1 stimulation, causes neurogenic inflammation in the airways and other tissues in rodents.

Environmental damage to the retina and preconditioning: contrasting effects of light and hyperoxic stress.

Effect of zinc and paraquat co-exposure on neurodegeneration: Modulation of oxidative stress and expression of metallothioneins, toxicant responsive and transporter genes in rats.

Correlation between images of silent brain infarction, carotid atherosclerosis and white matter hyperintensity, and plasma levels of acrolein, IL-6 and CRP.

Effects of exogenous GSH and methionine on methylation of inorganic arsenic in mice exposed to arsenite through drinking water.

Insulinotropic effect of cinnamaldehyde on transcriptional regulation of pyruvate kinase, phosphoenolpyruvate carboxykinase, and GLUT4 translocation in experimental diabetic rats.

Modulation of the reaction of vascular smooth muscle cells to angiotensin II induced by catalase and aminotriazol during ischemia-reperfusion.

Cinnamaldehyde impairs high glucose-induced hypertrophy in renal interstitial fibroblasts.

Polychlorinated dibenzo-p-dioxins and dibenzofurans in blood and breast milk samples from residents of a schistosomiasis area with Na-PCP application in China.

Genetic transformation of mature embryos of bread (*T. aestivum*) and pasta (*T. durum*) wheat genotypes.

Intense correlation between protein-conjugated acrolein and primary Sjögren's syndrome.

Ozone activates airway nerves via the selective stimulation of TRPA1 ion channels.

Effects of rotenone and other mitochondrial complex I inhibitors on the brine shrimp *Artemia*.

Distribution and metabolism of four different dimethylated arsenicals in hamsters.

A plant-tissue-based biophotonic method for herbicide sensing.

Two-color fluorescence labeling in acrolein-fixed brain tissue.

Effects of estrogen on lung development in a rat model of diaphragmatic hernia.

A novel cell permeant peptide inhibitor of MAPKAP kinase II inhibits intimal hyperplasia in a human saphenous vein organ culture model.

Radiochemical synthesis, rodent biodistribution and tumor uptake, and dosimetry calculations of [¹⁴C] methylated LY2181308.

Toxicology and carcinogenesis studies of 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (CAS No. 31508-00-6) in female Harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 3,3',4,4'-tetrachloroazobenzene (TCAB) (CAS No. 14047-09-7) in Harlan Sprague-Dawley rats and B6C3F1 mice (gavage studies).

Recruitment maneuver in experimental acute lung injury: the role of alveolar collapse and edema.

A single prenatal exposure to the endocrine disruptor 2,3,7,8-tetrachlorodibenzo-p-dioxin alters developmental myelination and remyelination potential in the rat brain.

The high level of RANTES in the ectopic milieu recruits macrophages and induces their tolerance in progression of endometriosis.

Toxicogenomic analysis of exposure to TCDD, PCB126 and PCB153: identification of genomic biomarkers of exposure to AhR ligands.

The activated aryl hydrocarbon receptor synergizes mitogen-induced murine liver hyperplasia.

[The influence of fluoride on expression of OPGL and M-CSF genes and their proteins in rats with experimental fluorosis and the therapeutic effect of Danlan Xianpeng Liaofu caspule].

Connective tissue growth factor expression pattern in lung development.

Lymphocyte-based determination of susceptibility to malignant hyperthermia: a pilot study in swine.

Protective effects of crude garlic by reducing iron-mediated oxidative stress, proliferation and autophagy in rats.

Food safety.

Identification and investigation of mitochondria lacking cytochrome c oxidase activity in axons.

[Effect of ambroxol on lung development of rat models with nitrofen-induced congenital diaphragmatic hernia].

Heart tissue of harlequin (hq)/Big Blue mice has elevated reactive oxygen species without significant impact on the frequency and nature of point mutations in nuclear DNA.

HET-CAM test for determining the possible eye irritancy of pesticides.

Dithiocarbamates induce craniofacial abnormalities and downregulate sox9a during zebrafish development.

Non-dioxin-like polychlorinated biphenyls and risk of endometriosis.

Protective role of tannin-rich fraction of *Camellia sinensis* in tissue arsenic burden in Sprague Dawley rats.

'Fatal 2,4-dinitrophenol poisoning... coming to a hospital near you'.

Early onset of neurological symptoms in fragile X premutation carriers exposed to neurotoxins.

Serum levels of total p-cresylsulphate are associated with angiographic coronary atherosclerosis severity in stable angina patients with early stage of renal failure.

Arsenic antagonizes the Hedgehog pathway by preventing ciliary accumulation and reducing stability of the Gli2 transcriptional effector.

Iron deficiency induces changes in riboflavin secretion and the mitochondrial electron transport chain in hairy roots of *Hyoscyamus albus*.

Arsenic abrogates the estrogen-signaling pathway in the rat uterus.

Copper sulphate toxicity in a young male complicated by methemoglobinemia, rhabdomyolysis and renal failure.

2,3,7,8-Tetrachlorodibenzo-p-dioxin up-regulates stathmin 1 in the eye: suggestive evidence for the involvement of stathmin 1 in accelerated eye opening in mice induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Functional properties of RYR1 mutations identified in Swedish patients with malignant hyperthermia and central core disease.

Quantitative and statistical analysis of differences in sensitivity between Long-Evans and Han/Wistar rats following long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Angiosarcoma: clinical and molecular insights.

Functional studies of RYR1 mutations in the skeletal muscle ryanodine receptor using human RYR1 complementary DNA.

Oxygen-dependence of metabolic rate in the muscles of craniates.

2,3,7,8-tetrachlorodibenzo-p-dioxin impairs an insulin signaling pathway through the induction of tumor necrosis factor-alpha in adipocytes.

Prenatal developmental toxicity of gavage or feeding doses of 2-sec-butyl-4,6-dinitrophenol in rats.

A stochastic whole-body physiologically based pharmacokinetic model to assess the impact of inter-individual variability on tissue dosimetry over the human lifespan.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces disruption of glands of the prostate and fibrosis in rhesus monkeys.

Maternal dioxin exposure combined with a diet high in fat increases mammary cancer incidence in mice.

Dioxin-like exposures and effects on estrogenic and androgenic exposures and micronuclei frequency in mother-newborn pairs.

New method for quantification of *Trypanosoma cruzi* in animal's tissue in the chronic phase of experimental Chagas' disease.

Arsenic-induced myocardial injury: protective role of *Corchorus olitorius* leaves.

2,4-Dinitrophenol blocks neurodegeneration and preserves sciatic nerve function after trauma.

Disruption of CLOCK-BMAL1 transcriptional activity is responsible for aryl hydrocarbon receptor-mediated regulation of Period1 gene.

OECD validation of phase-3 Hershberger assay using the stimulated weanling male rat in Korea.

The role of calcium in modulating the reactivity of the smooth muscle cells during ischemia/reperfusion. Part 2.

In vitro inhibition of low density lipoprotein carbamylation by vitamins, as an ameliorating atherosclerotic risk in uremic patients.

Is there a role for antioxidants in prevention of pulmonary hypoplasia in nitrofen-induced rat model of congenital diaphragmatic hernia?

Temporal and anatomical sensitivities to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin leading to premature acyclicity with age in rats.

PCB153-elicited hepatic responses in the immature, ovariectomized C57BL/6 mice: comparative toxicogenomic effects of dioxin and non-dioxin-like ligands.

Activation of Hedgehog signaling by the environmental toxicant arsenic may contribute to the etiology of arsenic-induced tumors.

Motor neurone disease - a methyl bromide exposure cluster points to a causal mechanism.

Bronchopulmonary innervation defects in infants and rats with congenital diaphragmatic hernia.

Iron supplementation for anemia after hip fracture surgery: a randomized trial of 300 patients.

Interactions of airflow oscillation, tracheal inclination, and mucus elasticity significantly improve simulated cough clearance.

Arsenic transformations and biomarkers in meadow voles (*Microtus pennsylvanicus*) living on an abandoned gold mine site in Montague, Nova Scotia, Canada.

Increased levels of total P-Cresylsulphate and indoxyl sulphate are associated with coronary artery disease in patients with diabetic nephropathy.

Anti-mutagenic and anti-carcinogenic potential of the carotenoid meso-zeaxanthin.

No evidence of increased risk of soft tissue sarcomas in the neighborhood of a steel foundry in Verona.

Influence of serum and necrotic soft tissue on the antimicrobial effects of intracanal medicaments.

Indian spice curcumin may be an effective strategy to combat the genotoxicity of arsenic in Swiss albino mice.

Histopathological evaluation of root canal filling materials for primary teeth.

The involvement of hypophyseal-gonadal and hypophyseal-adrenal axes in arsenic-mediated ovarian and uterine toxicity: modulation by hCG.

Abnormal regulation of chemokine TECK and its receptor CCR9 in the endometriotic milieu is involved in pathogenesis of endometriosis by way of enhancing invasiveness of endometrial stromal cells.

Protective effects of the antioxidant 4b,5,9b,10-tetrahydroindeno[1,2-b]indole against TCDD toxicity in C57BL/6J mice.

Neuroprotective effect of s-methylisothiourea in transient focal cerebral ischemia in rat.

Laboratory scale evaluation of volatile organic compound emissions as indication of swine carcass degradation inside biosecure composting units.

Dioxins and human toxicity.

Recombinant self-assembling peptides as biomaterials for tissue engineering.

Association of the novel non-AT1, non-AT2 angiotensin binding site with neuronal cell death.

Tissue-engineered conduit using urine-derived stem cells seeded bacterial cellulose polymer in urinary reconstruction and diversion.

Evaluation of a bioluminescent mouse model expressing aromatase PII-promoter-controlled luciferase as a tool for the study of endocrine disrupting chemicals.

Injury and differentiation following inhibition of mitochondrial respiratory chain complex IV in rat oligodendrocytes.

Radioiodinated 4-iodo-L-meta-tyrosine, a system L selective artificial amino acid: molecular design and transport characterization in Chinese hamster ovary cells (CHO-K1 cells).

Tissue-based risk assessment of great blue heron (*Ardea herodias*) exposed to PCDD/DF in the Tittabawassee River floodplain, Michigan, USA.

Expression of pax6 and sox2 in adult olfactory epithelium.

Development of an acellular bioengineered matrix with a dominant vascular pedicle.

Characterization of the avian aryl hydrocarbon receptor 1 from blood using non-lethal sampling methods.

2,3,7,8-Tetrachlorodibenzo-p-dioxin impairs stable establishment of oral tolerance in mice.

Automated dose-response analysis and comparative toxicogenomic evaluation of the hepatic effects elicited by TCDD, TCDF, and PCB126 in C57BL/6 mice.

Transcriptomic profile indicative of immunotoxic exposure: in vitro studies in peripheral blood mononuclear cells.

Chronic exposure to low levels of inorganic arsenic causes alterations in locomotor activity and in the expression of dopaminergic and antioxidant systems in the albino rat.

Role of dietary GSH in the amelioration of sodium arsenite-induced ovarian and uterine disorders.

Acute toxicity of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) in male Sprague-Dawley rats: effects on hepatic oxidative stress, glutathione and metals status.

Quantitative measurement of Ca^{2+} in the sarcoplasmic reticulum lumen of mammalian skeletal muscle.

Intravenous lipid emulsion in clinical toxicology.

Gene-chemical interactions in the developing mammalian nervous system: Effects on proliferation, neurogenesis and differentiation.

Gene expression profile and cytotoxicity of human bronchial epithelial cells exposed to crotonaldehyde.

Inhibition of connexin 43 gap junction channels by the endocrine disruptor ioxynil.

A study of neurologic symptoms on exposure to organophosphate pesticides in the children of agricultural workers.

Distribution of 14C-2,3,7,8-tetrachlorodibenzo-p-dioxin to the brain and peripheral tissues of fetal rats and its comparison with adults.

Genomic indicators in the blood predict drug-induced liver injury.

Rice fruit development is associated with an increased IAA content in pollinated ovaries.

Expression of aryl hydrocarbon receptor in human placentas and fetal tissues.

Screening for (anti)androgenic properties using a standard operation protocol based on the human stably transfected androgen sensitive PALM cell line. First steps towards validation.

Preparation of mouse brain tissue for immunoelectron microscopy.

Effects of atrazine and chlorpyrifos on acetylcholinesterase and Carboxylesterase in brain and muscle of common carp.

Dioxin-like and perfluorinated compounds in pigs in an Indian open waste dumping site: toxicokinetics and effects on hepatic cytochrome P450 and blood plasma hormones.

Transcriptional regulation of bone sialoprotein gene by *Porphyromonas gingivalis* lipopolysaccharide.

Reduction of a large fish tissue analyte database: identifying and assessing data specific to a remediation site for risk assessment application.

Predicting PCDD/F and dioxin-like PCB contamination levels in bovine edible tissues from in vivo sampling.

Arsenite induces aquaglyceroporin 9 expression in murine livers.

Adverse effects of arsenic exposure on uterine function and structure in female rat.

Quantitative characterization of changes in bone geometry, mineral density and biomechanical properties in two rat strains with different Ah-receptor structures after long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The clock genes period 1 and period 2 mediate diurnal rhythms in dioxin-induced Cyp1A1 expression in the mouse mammary gland and liver.

Nitrofen induces apoptosis independently of retinaldehyde dehydrogenase (RALDH) inhibition.

Role for tyrosine kinases in contraction of rat penile small arteries.

Determination of escin content in androgenic embryos and hairy root culture of *Aesculus hippocastanum*.

Thermal sensitivity of mitochondrial metabolism in two distinct mitotypes of *Drosophila simulans*: evaluation of mitochondrial plasticity.

Tissue-specific in vivo bioconcentration of pharmaceuticals in rainbow trout (*Oncorhynchus mykiss*) using space-resolved solid-phase microextraction.

Synergistic effect of ultrasound and thiazone-PEG 400 on human skin optical clearing in vivo.

Dioxin exposure disrupts the differentiation of mouse embryonic stem cells into cardiomyocytes.

Local maximum oxygen disappearance rate has limited utility as a measure of local renal tissue oxygen consumption.

Acetic acid bacterial lipids improve cognitive function in dementia model rats.

Uptake and transport of roxarsone and its metabolites in water spinach as affected by phosphate supply.

Effect of morphological heterogeneity of somatic embryos of *Melia azedarach* on conversion into plants.

A remarkable new target gene for the dioxin receptor: The Vav3 proto-oncogene links AhR to adhesion and migration.

Early-age changes in oxidative stress in brown trout, *Salmo trutta*.

Sarcoplasmic reticulum Ca²⁺ depletion in adult skeletal muscle fibres measured with the biosensor D1ER.

Xenobiotic-metabolizing cytochromes p450 in human white adipose tissue: expression and induction.

Intravital fluorescent microscopic evaluation of bacterial cellulose as scaffold for vascular grafts.

A critical role of SNF1A/dAMPKalpha (*Drosophila* AMP-activated protein kinase alpha) in muscle on longevity and stress resistance in *Drosophila melanogaster*.

The aryl hydrocarbon receptor has an important role in the regulation of hematopoiesis: implications for benzene-induced hematopoietic toxicity.

Fusion of the endoplasmic reticulum and mitochondrial outer membrane in rats brown adipose tissue: activation of thermogenesis by Ca²⁺.

[Comparative characteristic of lactate dehydrogenase properties from the white muscles and liver of goldfish (*Carassius auratus* L.)].

The speed of mitochondrial movement is regulated by the cytoskeleton and myosin in *Picea wilsonii* pollen tubes.

NTPDase family in zebrafish: Nucleotide hydrolysis, molecular identification and gene expression profiles in brain, liver and heart.

Blueberry fruit polyphenolics suppress oxidative stress-induced skeletal muscle cell damage in vitro.

HPTLC densitometric evaluation of tissue culture extracts of *Nothapodytes foetida* compared to conventional extracts for camptothecin content and antimicrobial activity.

The absorption characteristics of bifendate solid dispersion in rat intestinal tissue.

Interaction between oxidative stress sensor Nrf2 and xenobiotic-activated aryl hydrocarbon receptor in the regulation of the human phase II detoxifying UDP-glucuronosyltransferase 1A10.

C-fin: a cultured frog tadpole tail fin biopsy approach for detection of thyroid hormone-disrupting chemicals.

Expression of heat shock protein 70 in lung tissues of acute paraquat poisoned rats and intervention of ulinastatin.

Effects of growth hormone and insulin-like growth factor-I on the iron-induced lipid peroxidation in the rat liver and porcine thyroid homogenates.

[The effect of 2,4-dinitrophenol on the intensity of oxidative processes in the rat liver during prolonged experiment].

Biocompatibility and growth of human keratinocytes and fibroblasts on biosynthesized cellulose-chitosan film.

Chloroplast and reactive oxygen species involvement in apoptotic-like programmed cell death in *Arabidopsis* suspension cultures.

Protective effect of *Corchorus olitorius* leaves on sodium arsenite-induced toxicity in experimental rats.

Arsenic (+ 3 oxidation state) methyltransferase and the methylation of arsenicals in the invertebrate chordate *Ciona intestinalis*.

Mechanisms of corneal tissue cross-linking in response to treatment with topical riboflavin and long-wavelength ultraviolet radiation (UVA).

Exposure assessment at a PCDD/F contaminated site in Sweden--field measurements of exposure media and blood serum analysis.

Lipid oxidation and peroxidation in CNS health and disease: from molecular mechanisms to therapeutic opportunities.

Fast, quantitative in situ hybridization of rare mRNAs using ¹⁴C-standards and phosphorus imaging.

Assessment of nicotine inhalation exposure and urinary cotinine of tobacco processing workers.

The role of T cells in the regulation of acrolein-induced pulmonary inflammation and epithelial-cell pathology.

[Molecular mechanism of erythromycin in the improvement of paraquat-damaged vascular endothelial cell barrier function].

Toxicokinetics of glyphosate and its metabolite aminomethyl phosphonic acid in rats.

Subacute effect of 2,4-dichlorophenoxyacetic acid on rat liver tissue: histochemical and immunohistochemical study.

Effect of pesticides on cell survival in liver and brain rat tissues.

Behavioral response and kinetics of terrestrial atrazine exposure in American toads (*Bufo americanus*).

Postmortem analyses unveil the poor efficacy of decontamination, anti-inflammatory and immunosuppressive therapies in paraquat human intoxications.

Glycogen content is affected differently in acute pulmonary and extra-pulmonary lung injury.

Subchronic feeding study of grain from herbicide-tolerant maize DP-Å~9814Å~-6 in Sprague-Dawley rats.

Pathogenic stimulation of intestinal stem cell response in *Drosophila*.

Effects of exposure to acetochlor on the expression of thyroid hormone related genes in larval and adult rare minnow (*Gobiocypris rarus*).

Mortality rates among trichlorophenol workers with exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Oxidative stress of acute paraquat poisoned rats and sodium dimercaptopropene sulfonate intervention].

[Pathologic changes and expression of Heme oxygenase-1 in paraquat-induced renal injury].

[Changes of cytokine and nuclear factor-kappa B in acute paraquat poisoned rats].

[Change of oxidative stress and nuclear factor-kappa B in acute paraquat poisoned rats].

[Expression of thrombomodulin, endothelial protein C receptor in lung tissue of acute paraquat poisoned rats and intervention of sodium dimercaptopropene sulfonate].

Enantioselective phytotoxicity of the herbicide imazethapyr in rice.

Low toxic herbicide Roundup induces mild oxidative stress in goldfish tissues.

Proteomic profiling of rat lung epithelial cells induced by acrolein.

Fatal diquat intoxication.

Immunohistochemical and histopathological evaluation of 2,4-dichlorophenoxyacetic acid-induced changes in rat kidney cortex.

Determination of the phenoxyacid herbicides MCPA, mecoprop and 2,4-D in kidney tissue using liquid chromatography with electrospray tandem mass spectrometry.

Glutathione-S-transferase P protects against endothelial dysfunction induced by exposure to tobacco smoke.

OECD validation of phase 3 Hershberger assay in Korea using surgically castrated male rats with coded chemicals.

Effects of atrazine on DNA damage and antioxidative enzymes in *Vicia faba*.

Occupational exposure to pesticides and lymphoid neoplasms among men: results of a French case-control study.

The herbicide linuron reduces testosterone production from the fetal rat testis during both in utero and in vitro exposures.

Acrolein activates matrix metalloproteinases by increasing reactive oxygen species in macrophages.

Changes of thyroid hormone levels and related gene expression in Chinese rare minnow (*Gobiocypris rarus*) during 3-amino-1,2,4-triazole exposure and recovery.

Development of PBPK model of molinate and molinate sulfoxide in rats and humans.

[Effect of paraquat on lipid peroxidation monoamine neurotransmitter level in brain tissue of mice].

Human cord blood CD133+ stem cells transplanted to nod-scid mice provide conditions for regeneration of olfactory neuroepithelium after permanent damage induced by dichlobenil.

Western blot analysis for 4-hydroxy-2-nonenal (HNE)-modified proteins in paraquat-treated mice.

Responsiveness of the interrenal tissue of *Jundi* (Rhamdia quelen) to an in vivo ACTH test following acute exposure to sublethal concentrations of agrichemicals.

[Expression of inflammatory factors in lung tissue of acute paraquat poisoned rats].

Acute exposure of the aquatic macrophyte *Callitriche obtusangula* to the herbicide oxadiazon: the protective role of N-acetylcysteine.

Effects of propanil on the European eel *Anguilla anguilla* and post-exposure recovery using selected biomarkers as effect criteria.

Leaf anatomy and morphometry in three eucalypt clones treated with glyphosate.

Effect of a subchronic exposure to simazine on energetic metabolism of common carp (*Cyprinus carpio*).

An effective antidote for paraquat poisonings: the treatment with lysine acetylsalicylate.

Effects of subchronic simazine exposure on some biometric, biochemical, hematological and histopathological parameters of common carp (*Cyprinus carpio* L.).

Effects of subchronic exposure to Successor 600 (pethoxamid 600 g L⁻¹) on common carp *Cyprinus carpio*.

Risk assessment of genetically modified crops for nutrition and health.

TRPA1 agonists evoke coughing in guinea pig and human volunteers.

Inhibitory effects of Geijigajakyak-Tang on trinitrobenzene sulfonic acid-induced colitis.

Matrix metalloproteinase-14 mediates a phenotypic shift in the airways to increase mucin production.

Staphylococcal catalase regulates its virulence and induces arthritis in catalase deficient mice.

Quantification of Paraquat, MPTP, and MPP⁺ in brain tissue using microwave-assisted solvent extraction (MASE) and high-performance liquid chromatography-mass spectrometry.

Increased sensitivity of myoblasts to oxidative stress in amyotrophic lateral sclerosis peripheral tissues.

Survival motor neuron deficiency enhances progression in an amyotrophic lateral sclerosis mouse model.

Evaluation of diquat against an acute experimental infection of *Flavobacterium columnare* in channel catfish, *Ictalurus punctatus* (Rafinesque).

TRPV1-mediated itch in seasonal allergic rhinitis.

Effect of sildenafil on acrolein-induced airway inflammation and mucus production in rats.

Urinary arsenic methylation capability and carotid atherosclerosis risk in subjects living in arsenicosis-hyperendemic areas in southwestern Taiwan.

Supplementation with plant extracts (carvacrol, cinnamaldehyde and capsaicin): its effects on acid-base status and productive performance in growing/finishing bull calves.

Pharmacokinetics of trifluralin in blood and heart tissue of mice.

Chronic exposure to the herbicide, atrazine, causes mitochondrial dysfunction and insulin resistance.

Non-antibiotic selection systems for soybean somatic embryos: the lysine analog aminoethyl-cysteine as a selection agent.

Bioaccumulation and biotransformation of brominated and chlorinated contaminants and their metabolites in ringed seals (*Pusa hispida*) and polar bears (*Ursus maritimus*) from East Greenland.

Differential regulation of SERK, LEC1-like and pathogenesis-related genes during indirect secondary somatic embryogenesis in grapevine.

Metabolism of flufenpyr-ethyl in rats and mice.

Time course of arsenic species in the brain and liver of mice after oral administration of arsenate.

Metabolic effects of glyphosate change the capacity of maize culture to regenerate plants.

The role of p38b MAPK in age-related modulation of intestinal stem cell proliferation and differentiation in *Drosophila*.

Protective effect of montelukast on paraquat-induced lung toxicity in rats.

Disposition of the herbicide 2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine (Atrazine) and its major metabolites in mice: a liquid chromatography/mass spectrometry analysis of urine, plasma, and tissue levels.

Oxidative stress promotes proliferation and dedifferentiation of retina glial cells in vitro.

Lymphatic and portal vein absorption of organochlorine compounds in rats.

Chapter 21 Paraquat-induced production of reactive oxygen species in brain mitochondria.

Phytotoxicity of constituents of glandular trichomes and the leaf surface of camphorweed, *Heterotheca subaxillaris*.

Optimization of *Agrobacterium*-mediated transformation conditions in mature embryos of elite wheat.

Prolonged recruitment manoeuvre improves lung function with less ultrastructural damage in experimental mild acute lung injury.

Effects of TCDD on spermatogenesis related factor-2 (SRF-2): gene expression in *Xenopus*.

Production of tetraploid plants of non apomictic citrus genotypes.

Arsenic exacerbates atherosclerotic lesion formation and inflammation in ApoE^{-/-} mice.

Monoisoamyl dimercaptosuccinic acid abrogates arsenic-induced developmental toxicity in human embryonic stem cell-derived embryoid bodies: comparison with in vivo studies.

Upregulation of Slit-2 and Slit-3 gene expressions in the nitrofen-induced hypoplastic lung.

Automated dose-response analysis of the relative hepatic gene expression potency of TCDF in C57BL/6 mice.

Iron overload alters iron-regulatory genes and proteins, down-regulates osteoblastic phenotype, and is associated with apoptosis in fetal rat calvaria cultures.

The inhibition effect of 2,3,7,8-tetrachlorinated dibenzo-p-dioxin-induced aryl hydrocarbon receptor activation in human hepatoma cells with the treatment of cadmium chloride.

Effects of chronic exposure to DDT and TCDD on disease activity in murine systemic lupus erythematosus.

Inter-tissue distribution and evaluation of potential toxicity of PCBs in Baltic cod (*Gadus morhua* L.).

Prophylactic role of taurine on arsenic mediated oxidative renal dysfunction via MAPKs/ NF-kappaB and mitochondria dependent pathways.

CD147 silencing inhibits lactate transport and reduces malignant potential of pancreatic cancer cells in vivo and in vitro models.

Deleterious versus neuroprotective effect of metabolic inhibition after traumatic spinal cord injury.

Cancer incidence in the population exposed to dioxin after the "Seveso accident": twenty years of follow-up.

Rapid inhibition of ongoing DNA synthesis in human glioma tissue by genistein.

Mechanisms of non-genotoxic carcinogens and importance of a weight of evidence approach.

Lysozyme, a mediator of sepsis that intrinsically generates hydrogen peroxide to cause cardiovascular dysfunction.

Inhibition of UV-C light-induced apoptosis in liver cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Differential effects of PINK1 nonsense and missense mutations on mitochondrial function and morphology.

Evaluation of the rodent Hershberger bioassay on intact juvenile males--testing of coded chemicals and supplementary biochemical investigations.

Effect of prenatal tetrandrine administration on transforming growth factor-beta1 level in the lung of nitrofen-induced congenital diaphragmatic hernia rat model.

TCDD mediates inhibition of p53 and activation of ERalpha signaling in MCF-7 cells at moderate hypoxic conditions.

Synthesis and preclinical evaluation of [(11)C]PAQ as a PET imaging tracer for VEGFR-2.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) inhibits neurite outgrowth in differentiating human SH-SY5Y neuroblastoma cells.

Endometriosis and organochlorinated environmental pollutants: a case-control study on Italian women of reproductive age.

Determination of boron distribution in rat's brain, kidney and liver.

Effects of dioxin on vascular endothelial growth factor (VEGF) production in the retina associated with choroidal neovascularization.

Disruption of iron homeostasis and lung disease.

Prone position prevents regional alveolar hyperinflation and mechanical stress and strain in mild experimental acute lung injury.

Decreased nitric oxide markers and morphological changes in the brain of arsenic-exposed rats.

Taurine protects rat testes against NaAsO₂-induced oxidative stress and apoptosis via mitochondrial dependent and independent pathways.

Melatonin reduces acute lung injury in endotoxemic rats.

[Model establishment of liver fibrosis in oral arsenic solution exposed mice].

Role of iron in the pathogenesis of cysteamine-induced duodenal ulceration in rats.

Maternal exposure to dioxin disrupts gonadotropin production in fetal rats and imprints defects in sexual behavior.

Neonatal exposure to low-dose 2,3,7,8-tetrachlorodibenzo-p-dioxin causes autoimmunity due to the disruption of T cell tolerance.

Differentiation of human osteosarcoma cells by isolated phlorotannins is subtly linked to COX-2, iNOS, MMPs, and MAPK signaling: implication for chronic articular disease.

Prospective study of chemical exposures and amyotrophic lateral sclerosis.

Mitochondrial changes within axons in multiple sclerosis.

Potential therapeutic significance of increased expression of aryl hydrocarbon receptor in human gastric cancer.

Epigenetics and environmental chemicals.

Uncouple my heart: the benefits of inefficiency.

CYP1B1, but not CYP1A1, is downregulated by promoter methylation in colorectal cancers.

The use of Fluoro-Jade in primary neuronal cell cultures.

Characterization of the pattern of the nongenomic signaling pathway through which TCDD-induces early inflammatory responses in U937 human macrophages.

Inhibition of androgen receptor transcriptional activity as a novel mechanism of action of arsenic.

Regulation of gap junctional intercellular communication by TCDD in HMEC and MCF-7 breast cancer cells.

Cytotoxicity and gene expression profiling of two hydroxylated polybrominated diphenyl ethers in human H295R adrenocortical carcinoma cells.

[A series of observation on the expression of TGF-beta1 in the lung of nitrofen-induced congenital diaphragmatic hernia rat model].

AHR signaling in prostate growth, morphogenesis, and disease.

Functionally modified gelatin microspheres impregnated collagen scaffold as novel wound dressing to attenuate the proteases and bacterial growth.

Positron emission tomography (PET) imaging with [11C]-labeled erlotinib: a micro-PET study on mice with lung tumor xenografts.

TCDD induces cell migration via NFATc1/ATX-signaling in MCF-7 cells.

Mass spectrometric and peptide chip epitope mapping of rheumatoid arthritis autoantigen RA33.

Functional analysis of ryanodine receptor type 1 p.R2508C mutation in exon 47.

Children's immunology, what can we learn from animal studies (3): Impaired mucosal immunity in the gut by 2,3,7,8-tetraclorodibenzo-p-dioxin (TCDD): a possible role for allergic sensitization.

Ferric carboxymaltose: a review of its use in iron-deficiency anaemia.

Molecular cloning and oxidative modification of human lens ALDH1A1: implication in impaired detoxification of lipid aldehydes.

Thyroid lesions in the great cormorant (*Phalacrocorax carbo*) of Niigata, central Japan: a possible association with dioxin accumulation.

Cumulative effects of in utero administration of mixtures of "antiandrogens" on male rat reproductive development.

Human protein S inhibits the uptake of AcLDL and expression of SR-A through Mer receptor tyrosine kinase in human macrophages.

Mouse breast cancer model-dependent changes in metabolic syndrome-associated phenotypes caused by maternal dioxin exposure and dietary fat.

Assessment of human health risks posed by consumption of fish from the Lower Passaic River, New Jersey.

Accumulation of polychlorinated biphenyls and organochlorine pesticide in pet cats and dogs: assessment of toxicological status.

Hepatic and vascular mRNA expression in adult zebrafish (*Danio rerio*) following exposure to benzo-a-pyrene and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Assessment of mitochondrial metabolic oxidative state in living cardiomyocytes with spectrally-resolved fluorescence lifetime spectroscopy of NAD(P)H].

Improved alliin yield in somatic embryos of *Allium sativum* L. (cv. Yamuna safed) as analyzed by HPTLC.

11C-GSK189254: a selective radioligand for in vivo central nervous system imaging of histamine H3 receptors by PET.

Changes of gentiopicroside synthesis during somatic embryogenesis in *Gentiana macrophylla*.

The effect of dose on 2,3,7,8-TCDD tissue distribution, metabolism and elimination in CYP1A2 (-/-) knockout and C57BL/6N parental strains of mice.

Multi-residue determination of phenolic and salicylanilide anthelmintics and related compounds in bovine kidney by liquid chromatography-tandem mass spectrometry.

Short form glutathione peroxidase 4 is the essential isoform required for survival and somatic mitochondrial functions.

Antioxidant defense system in rats simultaneously intoxicated with agrochemicals.

Oxidative stress responses of rats exposed to Roundup and its active ingredient glyphosate.

Dioxin-dependent and dioxin-independent gene batteries: comparison of liver and kidney in AHR-null mice.

Comparative analysis of AhR-mediated TCDD-elicited gene expression in human liver adult stem cells.

A genome-wide screen in *Saccharomyces cerevisiae* reveals pathways affected by arsenic toxicity.

Model estimates bioaccumulation of total PCBs, dioxin-furan TEQs, and total mercury in mink liver based on concentrations in Lake Ontario water.

Histological lesions in mink jaws are a highly sensitive biomarker of effect after exposure to TCDD-like chemicals: field and literature-based confirmations.

M-LDH physically associated with sarcolemmal K ATP channels mediates cytoprotection in heart embryonic H9C2 cells.

Structural basis for the inhibition of *Mycobacterium tuberculosis* glutamine synthetase by novel ATP-competitive inhibitors.

Co-exposure to arsenic and fluoride on oxidative stress, glutathione linked enzymes, biogenic amines and DNA damage in mouse brain.

Extension of *Drosophila* life span by RNAi of the mitochondrial respiratory chain.

Genotoxicity of sodium arsenite and DNA fragmentation in ovarian cells of rat.

Inhibition of extracellular matrix assembly induces the expression of osteogenic markers in skeletal muscle cells by a BMP-2 independent mechanism.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) poisoning in Victor Yushchenko: identification and measurement of TCDD metabolites.

Preventive effect of piperonyl butoxide on cyclophosphamide-induced teratogenesis in rats.

Risk assessment of PCDD/Fs levels in human tissues related to major food items based on chemical analyses and micro-EROD assay.

Reduced arsenic clearance and increased toxicity in aquaglyceroporin-9-null mice.

Simultaneous recording of intramembrane charge movement components and calcium release in wild-type and S100A1^{-/-} muscle fibres.

Oxidative stress, protein carbonylation and heat shock proteins in the black tiger shrimp, *Penaeus monodon*, following exposure to endosulfan and deltamethrin.

Acacia Senegal gum exudate offers protection against cyclophosphamide-induced urinary bladder cytotoxicity.

Temporally resolved GC-MS-based metabolic profiling of herbicide treated plants reveals that changes in polar primary metabolites alone can distinguish herbicides of differing mode of action.

Regeneration capacity of mature embryo-derived callus in barley (*Hordeum vulgare* L.).

A unique micromechanocalorimeter for simultaneous measurement of heat rate and force production of cardiac trabeculae carneaе.

Preclinical activity of palifosfamide lysine (ZIO-201) in pediatric sarcomas including oxazaphosphorine-resistant osteosarcoma.

[Effect of bromoxynil on membrane potential and respiratory control rate in isolated mitochondria from mice liver and intervention effect of NAC].

A forward genetic screen in *Drosophila* implicates insulin signaling in age-related locomotor impairment.

Hepatic P450 enzyme activity, tissue morphology and histology of mink (*Mustela vison*) exposed to polychlorinated dibenzofurans.

[Changes of mitochondria membrane potential of the uterine smooth muscle under Mg²⁺ and Ca²⁺ influence].

Leaf-associated bacteria from transgenic white poplar producing resveratrol-like compounds: isolation, molecular characterization, and evaluation of oxidative stress tolerance.

Organic cation transporters: physiology, toxicology and special focus on ethidium as a novel substrate.

Nonlinear intestinal absorption of (1→3)-beta-D-glucan caused by absorptive and secretory transporting system.

Factors affecting SOCE activation in mammalian skeletal muscle fibers.

Reactive oxygen species as cardiovascular mediators: lessons from endothelial-specific protein overexpression mouse models.

Caenorhabditis elegans LRK-1 and PINK-1 act antagonistically in stress response and neurite outgrowth.

Biological safety of LipoFullerene composed of squalane and fullerene-C60 upon mutagenesis, photocytotoxicity, and permeability into the human skin tissue.

Dioxins interfere with differentiation of osteoblasts and osteoclasts.

Drug metabolizing enzyme expression in rat choroid plexus: effects of in vivo xenobiotics treatment.

Formation of cholesterol ozonolysis products through an ozone-free mechanism mediated by the myeloperoxidase-H₂O₂-chloride system.

Turning a plant tissue into a living cell froth through isotropic growth.

CYP1A1 and CYP1A2 expression: comparing 'humanized' mouse lines and wild-type mice; comparing human and mouse hepatoma-derived cell lines.

Evaluation of possible modes of action for acute effects of methyl iodide in laboratory animals.

In vitro glutathione conjugation of methyl iodide in rat, rabbit, and human blood and tissues.

Evaluation of respiratory parameters in rats and rabbits exposed to methyl iodide.

Two-day inhalation toxicity study of methyl iodide in the rat.

Dioxin-induced up-regulation of the active form of vitamin D is the main cause for its inhibitory action on osteoblast activities, leading to developmental bone toxicity.

Studies supporting the development of a physiologically based pharmacokinetic (PBPK) model for methyl iodide: pharmacokinetics of sodium iodide (NaI) in pregnant rabbits.

Preliminary results of small arterial substitute performed with a new cylindrical biomaterial composed of bacterial cellulose.

Short-term exposure to dioxin impairs bone tissue in male rats.

Environmental contaminants in freshwater fish and their risk to piscivorous wildlife based on a national monitoring program.

Endothelium-dependent cerebral artery dilation mediated by TRPA1 and Ca²⁺-Activated K⁺ channels.

Regulation of human bone sialoprotein gene transcription by platelet-derived growth factor-BB.

Transgenic mouse lines expressing rat AH receptor variants--a new animal model for research on AH receptor function and dioxin toxicity mechanisms.

Peroxiredoxin 5 confers protection against oxidative stress and apoptosis and also promotes longevity in Drosophila.

Correlation between hepatocarcinogenic effect of estragole and its influence on glucocorticoid induction of liver-specific enzymes and activities of FOXA and HNF4 transcription factors in mouse and rat liver.

Mitochondrial bioenergetics of testicular cells from the domestic cat (*Felis catus*)-a model for endangered species.

Hepatoprotective and curative properties of Kombucha tea against carbon tetrachloride-induced toxicity.

Dioxin-sensitive proteins in differentiating osteoblasts: effects on bone formation in vitro.

In vivo and in vitro evaluation of an *Acetobacter xylinum* synthesized microbial cellulose membrane intended for guided tissue repair.

Characterization of a rat NADPH-dependent aldo-keto reductase (AKR1B13) induced by oxidative stress.

Studies on histopathological changes in the gill, liver and kidney of *Channa punctatus* (Bloch) exposed to Alachlor.

Experimental study of the tissue reaction caused by the presence of cellulose produced by *Acetobacter xylinum* in the nasal dorsum of rabbits.

The dioxin receptor regulates the constitutive expression of the *vav3* proto-oncogene and modulates cell shape and adhesion.

Parathyroid hormone regulation of the human bone sialoprotein gene transcription is mediated through two cAMP response elements.

Polychlorinated naphthalenes in human adipose tissue from New York, USA.

Knock-in mouse lines expressing either mitochondrial or microsomal CYP1A1: differing responses to dietary benzo[a]pyrene as proof of principle.

Influences of aging and cloning methods on the capacity for somatic embryogenesis of a mature *Hevea brasiliensis* genotype.

The natural xanthone alpha-mangostin reduces oxidative damage in rat brain tissue.

Levels of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in southern Mississippi catfish and estimation of potential health risks.

Lung development in the Holtzman rat is adversely affected by gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Ultraviolet light and photosensitising agents activate TRPA1 via generation of oxidative stress.

Antifibrogenic effects of tamoxifen in a rat model of periportal hepatic fibrosis.

The role of polyamine metabolism in neuronal injury following cerebral ischemia.

MudPIT analysis: application to human heart tissue.

Green tea extract increases cyclophosphamide-induced teratogenesis by modulating the expression of cytochrome P-450 mRNA.

Searching for anthropogenic contaminants in human breast adipose tissues using gas chromatography-time-of-flight mass spectrometry.

Ameliorating effect of curcumin on sodium arsenite-induced oxidative damage and lipid peroxidation in different rat organs.

Polychlorinated dibenzo-p-dioxins/furans and polychlorinated biphenyls in human adipose tissue from Zhejiang Province, China.

Minitags for small molecules: detecting targets of reactive small molecules in living plant tissues using 'click chemistry'.

Altered stored calcium release in skeletal myotubes deficient of triadin and junctin.

Effects of the herbicide bentazon on growth and photosystem II maximum quantum yield of the marine diatom *Skeletonema costatum*.

Oxidative stress biomarkers and heart function in bullfrog tadpoles exposed to Roundup Original.

Formation of dimethylthioarsenicals in red blood cells.

The 2,4-D herbicide effects on acetylcholinesterase activity and metabolic parameters of piava freshwater fish (*Leporinus obtusidens*).

Examining the joint toxicity of chlorpyrifos and atrazine in the aquatic species: *Lepomis macrochirus*, *Pimephales promelas* and *Chironomus tentans*.

Predictability of copper, irgarol, and diuron combined effects on sea urchin *Paracentrotus lividus*.

Bioaccumulation, sublethal toxicity, and biotransformation of sediment-associated pentachlorophenol in *Lumbriculus variegatus* (*Oligochaeta*).

Pneumoproteins as markers of paraquat lung injury: a clinical case.

Genome-wide transcriptional responses to acrolein.

Effect of butachlor on antioxidant enzyme status and lipid peroxidation in fresh water African catfish, (*Clarias gariepinus*).

Trifluralin-induced disorganization of microtubular cytoskeleton alters the development of roots in *Hordeum vulgare* L.

Biochemical effects of clomazone herbicide on piava (*Leporinus obtusidens*).

Hepatoma tissue culture (HTC) cells as a model for investigating the effects of low concentrations of herbicide on cell structure and function.

A comparative 90-day toxicity study of allyl acetate, allyl alcohol and acrolein.

Level of contamination and impact of pesticides in cupped oyster, *Crassostrea gigas*, reared in a shellfish production area in Normandy (France).

Immunotoxicity in ascidians: antifouling compounds alternative to organotins - II. The case of Diuron and TCMS pyridine.

Rhabdomyolysis from an intramuscular injection of glyphosate-surfactant herbicide.

Agent Orange exposure, Vietnam War veterans, and the risk of prostate cancer.

[Influence of pyrrolidine dithiocarbamate (PDTC) on expression of transforming growth factor beta(1), matrix metalloproteinase-2 and tissue inhibitor-1 of metalloproteinase in rats with pulmonary damage induced by paraquat].

Spermatogenesis, epididymis morphology and plasma sex steroid secretion in the male lizard *Podarcis sicula* exposed to diuron.

Role of TRPM8 and TRPA1 for cold allodynia in patients with cold injury.

Establishing the use of melatonin as an adjuvant therapeutic against paraquat-induced lung toxicity in rats.

Rotenone-induced toxicity is mediated by Rho-GTPases in hippocampal neurons.

Discriminating the molecular basis of hepatotoxicity using the large-scale characteristic molecular signatures of toxicants by expression profiling analysis.

[Change of JNK and c-Jun in lung injury associated with paraquat poisoning of rats].

Hemoperfusion using dual pulsatile pump in paraquat poisoning.

Effect of a toxicant on phagocytosis pathways in the freshwater snail *Lymnaea stagnalis*.

Herbicide effects on freshwater benthic diatoms: induction of nucleus alterations and silica cell wall abnormalities.

Developmental exposure to pentachlorophenol affects the expression of thyroid hormone receptor beta1 and synapsin I in brain, resulting in thyroid function vulnerability in rats.

Effect of long-term exposure to simazine on brain and muscle acetylcholinesterase activity of common carp (*Cyprinus carpio*).

Carbonyl-scavenging drugs & protection against carbonyl stress-associated cell injury.

Acrolein induces inflammatory response underlying endothelial dysfunction: a risk factor for atherosclerosis.

Atrazine-induced changes in aromatase activity in estrogen sensitive target tissues.

Acute renal failure induced by bentazone: 2 case reports and a comprehensive review.

A fatal intoxication from ingestion of 2-methyl-4-chlorophenoxyacetic acid (MCPA).

Dose-dependent uptake, elimination, and toxicity of monosodium methanearsonate in adult zebra finches (*Taeniopygia guttata*).

Application of physiological computational fluid dynamics models to predict interspecies nasal dosimetry of inhaled acrolein.

Perturbation of organogenesis by the herbicide atrazine in the amphibian *Xenopus laevis*.

Bioremediation of atrazine-contaminated soil by forage grasses: transformation, uptake, and detoxification.

Collaboration between monitoring authorities, regulatory authorities and test facilities on GLP principles provides confidence in data quality with an emphasis on sound science. GLP: an example of a focused effort that paid off.

Atrazine interaction with estrogen expression systems.

Effects of atrazine on fish, amphibians, and aquatic reptiles: a critical review.

Protective effects of ethyl pyruvate treatment on paraquat-intoxicated rats.

Pesticides, soft-tissue sarcoma and non-Hodgkin lymphoma--historical aspects on the precautionary principle in cancer prevention.

Pesticides, soft tissue sarcoma and non-Hodgkin lymphoma.

[Cytogenetic and other cariological parameters of exfoliative buccal cells in Vietnamese children from areas where dioxin-containing herbicides were applied].

Acrolein: unwanted side product or contribution to antiangiogenic properties of metronomic cyclophosphamide therapy?

Anti-diabetic effects of cinnamaldehyde and berberine and their impacts on retinol-binding protein 4 expression in rats with type 2 diabetes mellitus.

Critical role of acrolein in secondary injury following ex vivo spinal cord trauma.

Essential oil from leaves of *Cinnamomum osmophloeum* acts as a xanthine oxidase inhibitor and reduces the serum uric acid levels in oxonate-induced mice.

Hypothyroidism is associated with increased myostatin expression in rats.

[Interventions of enalapril on airway inflammation in rat models induced by acrolein].

Cigarette smoke-induced neurogenic inflammation is mediated by alpha,beta-unsaturated aldehydes and the TRPA1 receptor in rodents.

Acrolein-activated matrix metalloproteinase 9 contributes to persistent mucin production.

Adipose tissue-specific PPARgamma deficiency increases resistance to oxidative stress.

Characterization of *Paracoccidioides brasiliensis* PbDfg5p, a cell-wall protein implicated in filamentous growth.

Antibacterial activities of plant essential oils against *Legionella pneumophila*.

Spatial distribution of cytosolic NADP(+)-isocitrate dehydrogenase in pine embryos and seedlings.

Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in C57BL6 mice following subchronic exposure to arsenate in drinking water.

Thyme and cinnamon extracts induce anion secretion in piglet small intestine via cholinergic pathways.

Quinlorac-induced cell death is accompanied by generation of reactive oxygen species in maize root tissue.

A physiologically based pharmacokinetic model for intravenous and ingested dimethylarsinic acid in mice.

Inhibition of aldehyde dehydrogenase type 2 attenuates vasodilatory action of nitroglycerin in human veins.

The effects of age on radiation resistance and oxidative stress in adult *Drosophila melanogaster*.

Carbon source-dependent variation of acquired mutagen resistance of *Moniliophthora perniciosa*: similarities in natural and artificial systems.

Improved resistance to oxidative stress by a loss-of-function mutation in the *Arabidopsis* UGT71C1 gene.

Genetic transformation via somatic embryogenesis to establish herbicide-resistant opium poppy.

Callogenic studies of *Achyranthes aspera* leaf explant at different hormonal combinations.

Imbalance between ROS production and elimination results in apoptosis induction in primary smooth chorion trophoblast cells prepared from human fetal membrane tissues.

Preventing cell death induced by carbonyl stress, oxidative stress or mitochondrial toxins with vitamin B anti-AGE agents.

Opposing effects of coupled and uncoupled NOS activity on the Na⁺-K⁺ pump in cardiac myocytes.

Distribution and function of the hydrogen sulfide-sensitive TRPA1 ion channel in rat urinary bladder.

Induction of cancer chemopreventive enzymes by coffee is mediated by transcription factor Nrf2. Evidence that the coffee-specific diterpenes cafestol and kahweol confer protection against acrolein.

Development of a human physiologically based pharmacokinetic (PBPK) model for inorganic arsenic and its mono- and di-methylated metabolites.

Development of a modified in vitro skin absorption method to study the epidermal/dermal disposition of a contact allergen in human skin.

Tissue-dependent distribution and bioaccumulation of polychlorinated dibenzo-p-dioxins and dibenzofurans in vegetation samples collected from Dongting Lake, China.

Abnormal development of tracheal innervation in rats with experimental diaphragmatic hernia.

Aryl hydrocarbon receptor-mediated down-regulation of *sox9b* causes jaw malformation in zebrafish embryos.

Effect of FeSO₄ treatment on glucose metabolism in diabetic rats.

Carbamylated low-density lipoprotein induces proliferation and increases adhesion molecule expression of human coronary artery smooth muscle cells.

Arsenic-induced neurotoxicity in relation to toxicokinetics: effects on sciatic nerve proteins.

Enhancement of hypoxia-induced gene expression in fish liver by the aryl hydrocarbon receptor (AhR) ligand, benzo[a]pyrene (BaP).

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) affects bone tissue in rhesus monkeys.

Induction of cytoplasmic accumulation of p53: a mechanism for low levels of arsenic exposure to predispose cells for malignant transformation.

Elevated expression of CYP1A1 and gamma-SYNUCLEIN in human ectopic (ovarian) endometriosis compared with eutopic endometrium.

Maternal and developmental toxicity study of sodium azide in rats.

Decreased urinary beta-defensin-1 expression as a biomarker of response to arsenic.

A comprehensive review of mercury provoked autism.

Parkinson disease: primacy of age as a risk factor for mitochondrial dysfunction.

[Anti-estrogenic effect of dioxin on rat skeleton development].

Novel ryanodine receptor mutation that may cause malignant hyperthermia.

A role for the aryl hydrocarbon receptor and the dioxin TCDD in rheumatoid arthritis.

Protective effects of GH and IGF-I against iron-induced lipid peroxidation in vivo.

Liver is a target of arsenic carcinogenesis.

Accumulation of M1dG DNA adducts after chronic exposure to PCBs, but not from acute exposure to polychlorinated aromatic hydrocarbons.

Synthesis and evaluation in vitro and in vivo of a ¹¹C-labeled cyclooxygenase-2 (COX-2) inhibitor.

TEQ(S) and body burden for PCDDs, PCDFs, and dioxin-like PCBs in human adipose tissue.

Unique spatial and cellular expression patterns of Hoxa5, Hoxb4, and Hoxb6 proteins in normal developing murine lung are modified in pulmonary hypoplasia.

Sodium arsenite induces orphan nuclear receptor SHP gene expression via AMP-activated protein kinase to inhibit gluconeogenic enzyme gene expression.

Beneficial impact of L-carnitine in liver: a study in a rat model of syndrome X.

Increased levels of a unique post-translationally modified betaIVb-tubulin isotype in liver cancer.

Occurrence of two different types of glutathione S-transferase placental form-positive hepatocytes after a single administration of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

Acute energy restriction triggers Wallerian degeneration in mouse.

Influences of perinatal dioxin load to visual motion and oddball stimuli examined with an EEG and MEG analysis.

Concentrations of polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs), and dioxin-like PCBs in adipose tissue of infertile men.

Involvement of SREBPs in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced disruption of lipid metabolism in male guinea pig.

Inorganic arsenic exposure affects pain behavior and inflammatory response in rat.

Effect of hemolytic and iron-deficiency anemia on intestinal absorption and tissue accumulation of cadmium.

Follow-up study of cancer incidence after chlorophenol exposure in a community in southern Finland.

Polychlorinated biphenyl-77 induces adipocyte differentiation and proinflammatory adipokines and promotes obesity and atherosclerosis.

Constitutive regulation of CYP1B1 by the aryl hydrocarbon receptor (AhR) in pre-malignant and malignant mammary tissue.

Imaging breast cancer cells and tissues using peptide-labeled fluorescent silica nanoparticles.

High prevalence of celiac disease in Mexican Mestizo adults with type 1 diabetes mellitus.

Alteration of APE1/ref-1 expression in non-small cell lung cancer: the implications of impaired extracellular superoxide dismutase and catalase antioxidant systems.

[Effect of dioxin on apoptosis of osteogenic sarcoma cells and regulation on gene expression of insulin-like growth factor binding protein 6].

Expression of AhR, CYP1A1, GSTA1, c-fos and TGF-alpha in skin lesions from dioxin-exposed humans with chloracne.

Mortality in a population exposed to dioxin after the Seveso, Italy, accident in 1976: 25 years of follow-up.

Microvascular free-tissue transfer for head and neck reconstruction in Jehovah's Witness patients.

Dose response evaluation of gene expression profiles in the skin of K6/ODC mice exposed to sodium arsenite.

Relative potency based on hepatic enzyme induction predicts immunosuppressive effects of a mixture of PCDDs/PCDFs and PCBs.

High dietary fat exacerbates arsenic-induced liver fibrosis in mice.

Arsenic-induced oxidative myocardial injury: protective role of arjunolic acid.

Comparative toxicogenomic examination of the hepatic effects of PCB126 and TCDD in immature, ovariectomized C57BL/6 mice.

The aryl hydrocarbon receptor affects distinct tissue compartments during ontogeny of the immune system.

Aryl hydrocarbon receptor targets pathways extrinsic to bone marrow cells to enhance neutrophil recruitment during influenza virus infection.

Transduction of familial amyotrophic lateral sclerosis-related mutant PEP-1-SOD proteins into neuronal cells.

Chemical contaminants, health indicators, and reproductive biomarker responses in fish from rivers in the Southeastern United States.

Enhancements of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) metabolism and carcinogenic risk via NNK/arsenic interaction.

Identification and biochemical characterization of a novel ryanodine receptor gene mutation associated with malignant hyperthermia.

Reversal of arsenic-induced hepatic apoptosis with combined administration of DMSA and its analogues in guinea pigs: role of glutathione and linked enzymes.

Significance of prolyl hydroxylase 2 in the interference of aryl hydrocarbon receptor and hypoxia-inducible factor-1 alpha signaling.

In utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure: effects on fetal and adult cardiac gene expression and adult cardiac and renal morphology.

Acute induction of epileptiform discharges by pilocarpine in the in vitro isolated guinea-pig brain requires enhancement of blood-brain barrier permeability.

[Outdoor work-related health hazards].

Arsenic induced toxicity on testicular tissue of mice.

Tissue levels of arsenicals and skin tumor response following administration of monomethylarsonous acid and arsenite to K6/ODC mice.

Disruption of aryl hydrocarbon receptor (AhR) induces regression of the seminal vesicle in aged male mice.

Effects of 4-tert-Octylphenol on the incubation of eggs in Japanese brown frogs (*Rana japonica*).

Cytotoxicity, histopathological, microbiological and clinical aspects of an endodontic iodoform-based paste used in pediatric dentistry: a review.

The connection between C-reactive protein and atherosclerosis.

Insight into the selectivity of arsenic trioxide for acute promyelocytic leukemia cells by characterizing *Saccharomyces cerevisiae* deletion strains that are sensitive or resistant to the metalloid.

Feasibility studies of 4'-[methyl-(11)C]thiothymidine as a tumor proliferation imaging agent in mice.

Does impaired mitochondrial function affect insulin signaling and action in cultured human skeletal muscle cells?

An evidence for regulatory cross-talk between aryl hydrocarbon receptor and glucocorticoid receptor in HepG2 cells.

C-reactive protein induces endothelial cell apoptosis and matrix metalloproteinase-9 production in human mononuclear cells: Implications for the destabilization of atherosclerotic plaque.

[Regulation of dioxin on gene expression of insulin-like growth factor II in rat osteoblasts].

[Levels of PCDD/Fs, PCBs and PBDEs compounds in human placenta tissue].

Matrix metalloproteinase-2 and -9 are induced differently by metal nanoparticles in human monocytes: The role of oxidative stress and protein tyrosine kinase activation.

Genotoxic and antigenotoxic evaluation of extracts from *Arenosclera brasiliensis*, a Brazilian marine sponge.

WNT5A selectively inhibits mouse ventral prostate development.

Dioxin causes ventral prostate agenesis by disrupting dorsoventral patterning in developing mouse prostate.

[Gene cloning, sequence analysis and tissue expression of estrogen-related receptor alpha (Erralpha) in Japanese medaka and its transcriptional responses after differential EDCs exposure].

[A comparative analysis of contractile responses induced by acetylcholine and choline in twitch and tonic frog skeletal muscle fibres].

[Disturbances in the function of cardiomyocyte ryanodine receptors of spontaneously hypertensive rats revealed by 4-chloro-m-cresol].

Nitric oxide as a signaling factor to upregulate the death-specific protein in a marine diatom, *Skeletonema costatum*, during blockage of electron flow in photosynthesis.

Exposure to sodium metam during zebrafish somitogenesis results in early transcriptional indicators of the ensuing neuronal and muscular dysfunction.

Reactive oxygen species from the uncoupling of human cytochrome P450 1B1 may contribute to the carcinogenicity of dioxin-like polychlorinated biphenyls.

A human intervention study with foods containing natural Ah-receptor agonists does not significantly show AhR-mediated effects as measured in blood cells and urine.

Protein expression in the livers and urinary bladders of hamsters exposed to sodium arsenite.

Identification of collagen types in tissues using HPLC-MS/MS.

Arsenite but not arsenate inhibits general proteoglycan synthesis in cultured arterial smooth muscle cells.

Arsenic-induced decreases in the vascular matrix.

Dioxins in adipose tissue of women in Southern Spain.

Potent induction of total cellular and mitochondrial antioxidants and phase 2 enzymes by cruciferous sulforaphane in rat aortic smooth muscle cells: cytoprotection against oxidative and electrophilic stress.

New auxin analogs with growth-promoting effects in intact plants reveal a chemical strategy to improve hormone delivery.

Lack of TRPV1 inhibits cystitis-induced increased mechanical sensitivity in mice.

Synthesis and in vivo evaluation of novel PET radioligands for imaging the endothelin-A receptor.

Stable genetic transformation of castor (*Ricinus communis* L.) via particle gun-mediated gene transfer using embryo axes from mature seeds.

Type-2 alkenes mediate synaptotoxicity in neurodegenerative diseases.

Phospholipase A(2), reactive oxygen species, and lipid peroxidation in CNS pathologies.

Oxidative stress and modification of synaptic proteins in hippocampus after traumatic brain injury.

Genetic evidence that cellulose synthase activity influences microtubule cortical array organization.

Mild mitochondrial uncoupling in mice affects energy metabolism, redox balance and longevity.

Crosstalk between AHR and Wnt signaling through R-Spondin1 impairs tissue regeneration in zebrafish.

Metabolic engineering of novel ketocarotenoid production in carrot plants.

Tracheal inflammatory response to bacterial cellulose dressing after surgical scarification in rabbits.

Molecular characterization of TRPA1 channel activation by cysteine-reactive inflammatory mediators.

Comparative study of ezrin phosphorylation among different tissues: more is good; too much is bad.

Clathrin-dependent and independent endocytosis of glucose transporter 4 (GLUT4) in myoblasts: regulation by mitochondrial uncoupling.

Genes related to apoptosis predict necrosis of the liver as a phenotype observed in rats exposed to a compendium of hepatotoxicants.

Relaxations to beta-adrenoceptor subtype selective agonists in wild-type and NOS-3-KO mouse mesenteric arteries.

Comparative temporal toxicogenomic analysis of TCDD- and TCDF-mediated hepatic effects in immature female C57BL/6 mice.

Inflorescence proliferation for somatic embryogenesis induction and suspension-derived plant regeneration from banana (*Musa AAA*, cv. 'Dwarf Cavendish') male flowers.

ROS-independent preconditioning in neurons via activation of mitoK(ATP) channels by BMS-191095.

The *Caenorhabditis elegans* AMP-activated protein kinase AAK-2 is phosphorylated by LKB1 and is required for resistance to oxidative stress and for normal motility and foraging behavior.

Low-dose dioxins alter gene expression related to cholesterol biosynthesis, lipogenesis, and glucose metabolism through the aryl hydrocarbon receptor-mediated pathway in mouse liver.

Effect of dioxin exposure on aromatase expression in ovariectomized rats.

Quercetin administration during chelation therapy protects arsenic-induced oxidative stress in mice.

The effects of water quality and age on the acute toxicity of copper to the Florida apple snail, *Pomacea paludosa*.

Sarcoplasmic reticulum Ca²⁺ release declines in muscle fibers from aging mice.

Diverse mechanisms of anti-androgen action: impact on male rat reproductive tract development.

Vascular leakage induced by exposure to arsenic via increased production of NO, hydroxyl radical and peroxy nitrite.

Organochlorine residues in the blubber and liver of bottlenose dolphins (*Tursiops truncatus*) stranded in the Canary Islands, North Atlantic Ocean.

A mixture of seven antiandrogens induces reproductive malformations in rats.

Rem inhibits skeletal muscle EC coupling by reducing the number of functional L-type Ca²⁺ channels.

Toxicogenomic analysis of gender, chemical, and dose effects in livers of TCDD- or aroclor 1254-exposed rats using a multifactor linear model.

Polychlorinated biphenyls (PCBs) and hydroxy-PCBs in adipose tissue of women in Southeast Spain.

Isotype expression, post-translational modification and stage-dependent production of tubulins in erythrocytic *Plasmodium falciparum*.

Unsaturated lipid peroxidation-derived aldehydes activate autophagy in vascular smooth-muscle cells.

[Patterns of somatic embryo formation in Siberian larch: embryological aspects].

The concept of neurogenic inflammation.

Thioredoxin 2 haploinsufficiency in mice results in impaired mitochondrial function and increased oxidative stress.

Loss of phospholipid asymmetry and elevated brain apoptotic protein levels in subjects with amnesic mild cognitive impairment and Alzheimer disease.

Toxicity reference values for mink exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) equivalents (TEQs).

Sodium azide, a bacteriostatic preservative contained in commercially available laboratory reagents, influences the responses of human platelets via the cGMP/PKG/VASP pathway.

Distribution of PCDDs, PCDFs and dioxin-like PCBs in the blood, testis and adipose tissue of suckling beef calves.

AP1 binding site is another target of FGF2 regulation of bone sialoprotein gene transcription.

E-NTPDases and ecto-5'-nucleotidase expression profile in rat heart left ventricle and the extracellular nucleotide hydrolysis by their nerve terminal endings.

Cytochrome P4501A1 expression, polychlorinated biphenyls and hydroxylated metabolites, and adipocyte size of bottlenose dolphins from the Southeast United States.

Tissue dosimetry, metabolism and excretion of pentavalent and trivalent dimethylated arsenic in mice after oral administration.

Metabolism and disposition of [14C]5-amino-o-cresol in female F344 rats and B6C3F1 mice.

In vitro and in vivo reduction of sodium arsenite induced toxicity by aqueous garlic extract.

The environmental toxicant 2,3,7,8-tetrachlorodibenzo-p-dioxin disrupts morphogenesis of the rat pre-implantation embryo.

The effect of sub-acute and sub-chronic exposure of rats to the glyphosate-based herbicide Roundup.

Testicular toxicity and mechanisms of chlorotoluron compounds in the mouse.

Health of herring gulls (*Larus argentatus*) in relation to breeding location in the early 1990s. III. Effects on the bone tissue.

Hypothermic injury: the mitochondrial calcium, ATP and ROS love-hate triangle out of balance.

Optimization and validation of capillary electrophoretic method for the analysis of amphenicols in poultry tissues.

Heterogeneous gene expression and functional activity of ryanodine receptors in resistance and conduit pulmonary as well as mesenteric artery smooth muscle cells.

Protection of arsenic-induced testicular oxidative stress by arjunolic acid.

Risk assessment methodologies for exposure of great horned owls (*Bubo virginianus*) to PCBs on the Kalamazoo River, Michigan.

Tissue uptake, mortality, and sublethal effects of monomethylarsonic acid (MMA(V)) in nestling zebra finches (*Taeniopygia guttata*).

Effect of oversulfated chondroitin-6-sulfate or oversulfated fucoidan in the activation of glutamic plasminogen by tissue plasminogen activator: role of lysine and cyanogen bromide-fibrinogen.

Thiamin phosphates in egg yolk granules and plasma of regular and embryonated eggs of hens and in five- and seven-day-old embryos.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on testicular spermatogenesis-related panels and serum sex hormone levels in rats.

Tissue-specific induction of EROD activity and CYP1A protein in *Sparus aurata* exposed to B(a)P and TCDD.

Determination of toxicity of subacute treatment of some plant growth regulators on rats.

Mechanisms of acrolein-induced myocardial dysfunction: implications for environmental and endogenous aldehyde exposure.

Targeted disruption of the glutaredoxin 1 gene does not sensitize adult mice to tissue injury induced by ischemia/reperfusion and hyperoxia.

Acute effects of glyphosate herbicide on metabolic and enzymatic parameters of silver catfish (*Rhamdia quelen*).

Evaluation of the antiandrogenic effects of flutamide, DDE, and linuron in the weanling rat assay using organ weight, histopathological, and proteomic approaches.

Evaluation of neurodevelopmental effects on rats exposed prenatally to sulfentrazone.

Prolonged toxicokinetics and toxicodynamics of paraquat in mouse brain.

[Increased expression of placenta growth factor in lung tissue of paraquat-induced rat pulmonary fibrosis model].

[Effects of high dose ambroxol on lung injury induced by paraquat in rats].

[Changes of p38 MAPK and nuclear factor-kappa B in lung tissue of acute paraquat poisoned rats].

Fate of atrazine in a grassed phytoremediation system.

Identification of differentially expressed proteins in striatum of maneb- and paraquat-induced Parkinson's disease phenotype in mouse.

Combination of a pesticide exposure and a bacterial challenge: in vivo effects on immune response of Pacific oyster, *Crassostrea gigas* (Thunberg).

[Immunosuppressive treatment due to paraquat poisoning].

Trifluralin toxicity in a Chagas disease mouse model.

Stereoselective toxicokinetics and tissue distribution of ethofumesate in rabbits.

Biological responses of wheat (*Triticum aestivum*) plants to the herbicide chlorotoluron in soils.

Pesticide poisoning.

Time- and dose-dependent effects of roundup on human embryonic and placental cells.

Effects of four rice herbicides on some metabolic and toxicology parameters of teleost fish (*Leporinus obtusidens*).

Antifibrotic effect of captopril and enalapril on paraquat-induced lung fibrosis in rats.

Induction of tibial dyschondroplasia by carbamate and thiocarbamate pesticides.

Relationship between pulmonary surfactant protein and lipid peroxidation in lung injury due to paraquat intoxication in rats.

Cardiovascular effects of herbicides and formulated adjuvants on isolated rat aorta and heart.

No direct hepatotoxic potential following a multiple-low dose paraquat exposure in rat as related to its bioaccumulation.

The concept of "aldehyde load" in neurodegenerative mechanisms: cytotoxicity of the polyamine degradation products hydrogen peroxide, acrolein, 3-aminopropanal, 3-acetamidopropanal and 4-aminobutanal in a retinal ganglion cell line.

Effects of paraquat on anti-oxidant system in rats.

An unusual toxic cause of hemolytic-uremic syndrome.

Effect of clomazone herbicide on biochemical and histological aspects of silver catfish (*Rhamdia quelen*) and recovery pattern.

P38 and ERK mitogen-activated protein kinases mediate acrolein-induced apoptosis in Chinese hamster ovary cells.

Toxicity studies of butachlor to the freshwater fish *Channa punctata* (Bloch).

[Changes of serum cytokine caused by acute paraquat poisoning].

Safeners coordinately induce the expression of multiple proteins and MRP transcripts involved in herbicide metabolism and detoxification in *Triticum tauschii* seedling tissues.

Gestational exposure to nonylphenol causes precocious mammary gland development in female rat offspring.

Dopaminergic toxicity of the herbicide atrazine in rat striatal slices.

Cancer incidence and mortality in a New Zealand community potentially exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin from 2,4,5-trichlorophenoxyacetic acid manufacture.

Atrazine-induced reproductive tract alterations after transplacental and/or lactational exposure in male Long-Evans rats.

Developmental toxicity evaluation of triclopyr butoxyethyl ester and triclopyr triethylamine salt in the CD rat.

Lipid oxidation products and oxidized low-density lipoproteins impair platelet-derived growth factor receptor activity in smooth muscle cells: implication in atherosclerosis.

Oxidative stress mediates tau-induced neurodegeneration in *Drosophila*.

Reactive aldehyde modification of thioredoxin-1 activates early steps of inflammation and cell adhesion.

4-Hydroxynonenal, an endogenous aldehyde, causes pain and neurogenic inflammation through activation of the irritant receptor TRPA1.

Research toward the development of a biologically based dose response assessment for inorganic arsenic carcinogenicity: a progress report.

Sensitization of TRPA1 by PAR2 contributes to the sensation of inflammatory pain.

Acrolein induces cyclooxygenase-2 and prostaglandin production in human umbilical vein endothelial cells: roles of p38 MAP kinase.

Prostacyclin prevents pulmonary endothelial cell apoptosis induced by cigarette smoke.

Undersulfation of glycosaminoglycans induced by sodium chlorate treatment affects the progression of C6 rat glioma, in-vivo.

Noxious compounds activate TRPA1 ion channels through covalent modification of cysteines.

Antiplatelet and antithrombotic activities of essential oil from wild *Ocotea quixos* (Lam.) Kosterm. (Lauraceae) calices from Amazonian Ecuador.

Mitochondrial damage modulates alternative splicing in neuronal cells: implications for neurodegeneration.

Factors affecting efficient plant regeneration from wheat mature embryos.

Effects of different concentrations of 2,4-D and BAP on somatic embryogenesis induction in saffron (*Crocus sativus* L.).

Oral absorption and oxidative metabolism of atrazine in rats evaluated by physiological modeling approaches.

Somatic embryogenesis in peach palm using the thin cell layer technique: induction, morpho-histological aspects and AFLP analysis of somaclonal variation.

Tissue distribution and urinary excretion of dimethylated arsenic and its metabolites in dimethylarsinic acid- or arsenate-treated rats.

Auxin pulse treatment holds the potential to enhance efficiency and practicability of somatic embryogenesis in potato.

Induction of COX-2 by acrolein in rat lung epithelial cells.

Distribution of ¹⁴C-atrazine following an acute lactational exposure in the Wistar rat.

Improved HPLC-MS/MS method for determination of isoxaflutole (balance) and its metabolites in soils and forage plants.

Mitochondria are a major source of paraquat-induced reactive oxygen species production in the brain.

Is the titer of adipokinetic peptides in *Leptinotarsa decemlineata* fed on genetically modified potatoes increased by oxidative stress?

Detection and quantitation of acrolein-derived 1,N²-propanodeoxyguanosine adducts in human lung by liquid chromatography-electrospray ionization-tandem mass spectrometry.

Impact of the loss of AtMSH2 on double-strand break-induced recombination between highly diverged homeologous sequences in *Arabidopsis thaliana* germinal tissues.

Characterization of the uptake of organic anion transporter (OAT) 1 and OAT3 substrates by human kidney slices.

Activation of the death receptor pathway of apoptosis by the aldehyde acrolein.

Sequestration of a fluorinated analog of 2,4-dichlorophenol and metabolic products by *L. minor* as evidenced by ¹⁹F NMR.

2,4,5-Trichlorophenoxyacetic acid promotes somatic embryogenesis in the rose cultivar "Livin' Easy" (*Rosa* sp.).

Metabolic differences between two dimethylthioarsenicals in rats.

Thidiazuron-induced regeneration of *Echinacea purpurea* L.: micropropagation in solid and liquid culture systems.

Household exposure to pesticides and risk of childhood hematopoietic malignancies: The ESCALE study (SFCE).

Effects of 4-chloro-2,6-bis-(2-hydroxyl-benzyl)-phenol on healing of skin wounds and growth of bacteria.

Folate deficiency enhances arsenic effects on expression of genes involved in epidermal differentiation in transgenic K6/ODC mouse skin.

Effects of some boron compounds on peripheral human blood.

Pharmacokinetics of 3-[¹²⁵I]iodo-alpha-methyl-L-tyrosine, a tumor imaging agent, after probenecid loading in mice implanted with colon cancer DLD-1 cells.

Toxic effects of TCDD on osteogenesis through altering IGFBP-6 gene expression in osteoblasts.

The effect of dietary glycine on the hepatic tumor promoting activity of polychlorinated biphenyls (PCBs) in rats.

Genetic susceptibility to environmental toxicants in ALS.

[The etiology of congenital diaphragmatic hernia and esophageal atresia: the Hox genes].

Arsenic neurotoxicity--a review.

Effect of antenatal tetrandrine administration on endothelin-1 and epidermal growth factor levels in the lungs of rats with experimental diaphragmatic hernia.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin alters retinoid homeostasis in maternal and perinatal tissues of the Holtzman rat.

Studies on the cell treatment conditions to elicit lipolytic responses from 3T3-L1 adipocytes to TCDD, 2,3,7,8-tetrachlorodibenzo-p-dioxin.

2,3,7,8-TCDD exposure, endothelial dysfunction and impaired microvascular reactivity.

Embryonic essential myosin light chain regulates fetal lung development in rats.

Comparison of fathead minnow ovary explant and H295R cell-based steroidogenesis assays for identifying endocrine-active chemicals.

Combination of 17beta-estradiol with the environmental pollutant TCDD is involved in pathogenesis of endometriosis via up-regulating the chemokine I-309-CCR8.

Bisphenol-A and chlorinated derivatives in adipose tissue of women.

Association between serum concentrations of persistent organic pollutants and self-reported cardiovascular disease prevalence: results from the National Health and Nutrition Examination Survey, 1999-2002.

Artificial sweeteners and salts producing a metallic taste sensation activate TRPV1 receptors.

Imatinib mesylate inhibits cell invasion of malignant peripheral nerve sheath tumor induced by platelet-derived growth factor-BB.

Polychlorinated biphenyls modulated tumorigenesis in Sprague Dawley rats: correlation with mixed function oxidase activities and superoxide (O₂^{*}) formation potentials and implied mode of action.

Transplacental arsenic carcinogenesis in mice.

Sarcoma risk and dioxin emissions from incinerators and industrial plants: a population-based case-control study (Italy).

Insulin resistance and the mitochondrial link. Lessons from cultured human myotubes.

Serum dioxin concentrations and risk of uterine leiomyoma in the Seveso Women's Health Study.

Ferula gummosa Boiss. Embryogenic culture and karyological changes.

Oxidative stress kills human primary oligodendrocytes via neutral sphingomyelinase: implications for multiple sclerosis.

The menace of endocrine disruptors on thyroid hormone physiology and their impact on intrauterine development.

Positive associations of serum concentration of polychlorinated biphenyls or organochlorine pesticides with self-reported arthritis, especially rheumatoid type, in women.

Proteome and cytoskeleton responses in osteosarcoma cells with reduced OXPHOS activity.

Exposure in utero to 2,2',3,3',4,6'-hexachlorobiphenyl (PCB 132) impairs sperm function and alters testicular apoptosis-related gene expression in rat offspring.

Genetic modification of chondrocytes with insulin-like growth factor-1 enhances cartilage healing in an equine model.

Post-Injury Administration of Mitochondrial Uncouplers Increases Tissue Sparing and Improves Behavioral Outcome following Traumatic Brain Injury in Rodents.

Inhibition of NF- κ B does not induce c-Jun N-terminal kinase-mediated apoptosis in reperfusion injury.

Inhibiting glycosphingolipid synthesis improves glycemic control and insulin sensitivity in animal models of type 2 diabetes.

Effects of low-level arsenic exposure on the developmental toxicity of anilofos in rats.

A gene-environment study of the paraoxonase 1 gene and pesticides in amyotrophic lateral sclerosis.

Some clinico and histopathological changes in female goats experimentally exposed to dioxin.

Activation of protein kinase C and disruption of endothelial monolayer integrity by sodium arsenite-- Potential mechanism in the development of atherosclerosis.

Visual diagnosis: an adolescent who has fever, joint pain, a rash, and "blacking out" episodes.

Proteomic analysis of exfoliation deposits.

In utero arsenic exposure induces early onset of atherosclerosis in ApoE^{-/-} mice.

Prevention of aneuploidy by S-adenosyl-methionine in human cells treated with sodium arsenite.

Long-term effects of subcutaneously injected 2,3,7,8-tetrachlorodibenzo-p-dioxin on the liver of rhesus monkeys.

Effects of various pesticides on human 5 α -reductase activity in prostate and LNCaP cells.

Developmental exposure of mice to TCDD elicits a similar uterine phenotype in adult animals as observed in women with endometriosis.

Internal dose-effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in gonadotropin-primed weanling rat model.

Synthesis and in vitro evaluation of targeted tetracycline derivatives: effects on inhibition of matrix metalloproteinases.

Inhibition of CYP1A enzymes by alpha-naphthoflavone causes both synergism and antagonism of retene toxicity to rainbow trout (*Oncorhynchus mykiss*).

[Effect of tetrandrine on endothelin expression in the lungs and clinical significance thereof: experiment with rat models with nitrofen-induced congenital diaphragmatic hernia].

Reduced expression of aquaporin 5 water channel in nitrofen-induced hypoplastic lung with congenital diaphragmatic hernia rat model.

Placental transfer of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in Taiwanese mothers in relation to menstrual cycle characteristics.

Uncoupling of oxidative phosphorylation enables *Candida albicans* to resist killing by phagocytes and persist in tissue.

Arsenic-induced toxicity and the protective role of ascorbic acid in mouse testis.

Periradicular repair after two-visit endodontic treatment using two different intracanal medications compared to single-visit endodontic treatment.

Influence of dietary fat and zinc supplementation on the iron utilization in growing rats.

Investigation on the genotoxic effects of long-term administration of sodium arsenite in bone marrow and testicular cells in vivo using the comet assay.

[¹¹C]Vinblastine syntheses and preliminary imaging in cancer patients.

Alcoholic myopathy and acetaldehyde.

Arsenic methylation, urinary arsenic metabolites and human diseases: current perspective.

Is any link between inflammation and coronary artery ectasia?

Involvement of substance P and neurogenic inflammation in arsenic-induced early vascular dysfunction.

The influence of exposure history on arsenic accumulation and toxicity in the killifish, *Fundulus heteroclitus*.

Phytanic acid impairs mitochondrial respiration through protonophoric action.

Constitutive mRNA expression of various glutathione S-transferase isoforms in different tissues of mice.

Osteoblast protects osteoclast devoid of sodium-dependent vitamin C transporters from oxidative cytotoxicity of ascorbic acid.

Mitochondrial swelling impairs the transport of organelles in cerebellar granule neurons.

[Inactivation of AMP-deaminase from white muscle of *Cyprinus carpio* in the systems with free radical oxidation].

Polychlorinated biphenyls 105 and 118 form thyroid hormone receptor agonists after cytochrome P4501A1 activation in rat pituitary GH3 cells.

Metabolic fate of [¹⁴C]-2,4-dichlorophenol in tobacco cell suspension cultures.

Disruption of clock gene expression alters responses of the aryl hydrocarbon receptor signaling pathway in the mouse mammary gland.

An adaptable internal dose model for risk assessment of dietary and soil dioxin exposures in young children.

Increased Ca²⁺ storage capacity of the skeletal muscle sarcoplasmic reticulum of transgenic mice over-expressing membrane bound calcium binding protein junctate.

Analysis of cell death inducing compounds.

The nitric oxide prodrug, V-PYRRO/NO, mitigates arsenic-induced liver cell toxicity and apoptosis.

Tissue iron distribution and urinary mineral excretion vary depending on the form of iron (FeSO₄ or NaFeEDTA) and the route of administration (oral or subcutaneous) in rats given high doses of iron.

Induction of somatic embryogenesis in saffron using thidiazuron (TDZ).

Lipid peroxidation-induced DNA damage in cancer-prone inflammatory diseases: a review of published adduct types and levels in humans.

Growth optimization of *Zataria multiflora* Boiss. tissue cultures and rosmarinic acid production improvement.

A noninvasive test of exposition to toxicants: quantitative analysis of cytochrome P4501A expression in fish scales.

Relationships between tissue levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), mRNAs, and toxicity in the developing male Wistar(Han) rat.

Drosophila DJ-1 mutants are sensitive to oxidative stress and show reduced lifespan and motor deficits.

Aryl hydrocarbon receptor splice variants in the dioxin-resistant rat: tissue expression and transactivational activity.

Importance of hepatic induction of constitutive androstane receptor and other transcription factors that regulate xenobiotic metabolism and transport.

Environmental toxicants may modulate osteoblast differentiation by a mechanism involving the aryl hydrocarbon receptor.

Expression of the small heat shock protein gene, hsp30, in *Rana catesbeiana* fibroblasts.

Identification of dioxin and dioxin-like polychlorobiphenyls in plant tissues and contaminated soils.

An angiotensin II type-I receptor blocker, olmesartan medoxomil, attenuates lipid peroxidation in renal injury induced by subtotal nephrectomy.

Isoproterenol hydrochloride augments collagen proliferation and ATPase activity in mice soleus and EDL muscles.

Src family tyrosine kinases mediate contraction of rat isolated tail arteries in response to a hyposmotic stimulus.

Arsenite induced oxidative damage in mouse liver is associated with increased cytokeratin 18 expression.

Catalase takes part in rat liver mitochondria oxidative stress defense.

Metabolic activation of herbal and dietary constituents and its clinical and toxicological implications: an update.

In vitro and in vivo characterization of [3H]CNS-5161--a use-dependent ligand for the N-methyl-D-aspartate receptor in rat brain.

Short-term hormone release from adult female rat hypothalamic and pituitary explants is not altered by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Gonadotropin-releasing hormone neurons express estrogen receptor-beta.

Conditional deletion of cytochrome P450 oxidoreductase in the liver and gastrointestinal tract: a new model for studying the functions of the P450 system.

Sodium arsenite affects Na⁺ transport in the isolated skin of the toad *Pleurodema thaul*.

A proteomics approach to identify the ubiquitinated proteins in mouse heart.

Nonintegrin laminin receptor precursor protein is expressed on olfactory stem and progenitor cells.

Bioanalytical characterisation of estrogen and arylhydrocarbon receptor agonists in transplanted blue mussels (*Mytilus edulis*): proof of concept.

The Environmental Specimen Bank for Human Tissues as part of the German Environmental Specimen Bank.

MRP2 and acquired tolerance to inorganic arsenic in the kidney of killifish (*Fundulus heteroclitus*).

An oxidative stress-specific bacterial cell array chip for toxicity analysis.

A novel promoter element containing multiple overlapping xenobiotic and hypoxia response elements mediates induction of cytochrome P450S1 by both dioxin and hypoxia.

[Mechanisms underlying enhanced vasodilator responses to various vasodilator agents following endothelium removal in rat mesenteric resistance arteries].

Molecular characterization and tissue distribution of aryl hydrocarbon receptor nuclear translocator isoforms, ARNT1 and ARNT2, and identification of novel splice variants in common cormorant (*Phalacrocorax carbo*).

Concentration and distribution of dioxins and related compounds in human tissues.

Tissue residues, metabolism, and excretion of radiolabeled sodium chlorate (Na[³⁶Cl]O₃) in rats.

The Slr2-type MAP kinase Bmp3 of *Botrytis cinerea* is required for normal saprotrophic growth, conidiation, plant surface sensing and host tissue colonization.

Cigarette smoking as a risk factor for atherosclerosis and renal disease: novel pathogenic insights.

In vitro effects of reactive oxygen metabolites, with and without flunixin meglumine, on equine colonic mucosa.

Mouse lung CYP1A1 catalyzes the metabolic activation of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP).

Halogenated organic contaminants and mercury in northern fulmars (*Fulmarus glacialis*): levels, relationships to dietary descriptors and blood to liver comparison.

Plasma polymer coated surfaces for serum-free culture of limbal epithelium for ocular surface disease.

In vitro and in vivo characterization of alkyl hydroperoxide reductase mutant strains of *Helicobacter hepaticus*.

Smoke from traditional commercial, harm reduction and research brand cigarettes impairs oviductal functioning in hamsters (*Mesocricetus auratus*) in vitro.

Heparan sulfate proteoglycans (HSPGs) modulate BMP2 osteogenic bioactivity in C2C12 cells.

Expression and activity of arsenic methyltransferase Cyt19 in rat tissues.

Effect of natural phenol derivatives on skeletal type sarcoplasmic reticulum Ca²⁺-ATPase and ryanodine receptor.

Vitamin E supplementation protects oxidative stress during arsenic and fluoride antagonism in male mice.

The anti-apoptotic activity of albumin for endothelium is mediated by a partially cryptic protein domain and reduced by inhibitors of G-coupled protein and PI-3 kinase, but is independent of radical scavenging or bound lipid.

Use of model-based compartmental analysis to study vitamin A kinetics and metabolism.

Effects of combined administration of captopril and DMSA on arsenite induced oxidative stress and blood and tissue arsenic concentration in rats.

EU biotech crop regulations and environmental risk: a case of the emperor's new clothes?

Control of the autophagy maturation step by the MAPK ERK and p38: lessons from environmental carcinogens.

Influence on mitochondria and cytotoxicity of different antibiotics administered in high concentrations on primary human osteoblasts and cell lines.

TCDD-induced alterations in gene expression profiles of the developing mouse paw do not influence morphological differentiation of this potential target tissue.

Aryl hydrocarbon receptor activation impairs extracellular matrix remodeling during zebra fish fin regeneration.

Dynamic analysis of ABA accumulation in relation to the rate of ABA catabolism in maize tissues under water deficit.

Concentration of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans and dioxin-like PCBs in human adipose tissue from Turkish men.

In vivo functional analysis of polyglutamic acid domains in recombinant bone sialoprotein.

White adipose tissue: storage and effector site for environmental pollutants.

Unfertilized ovary: a novel explant for coconut (*Cocos nucifera* L.) somatic embryogenesis.

Accumulation of organic and inorganic contaminants in shellfish collected in estuarine waters near Pensacola, Florida: contamination profiles and risks to human consumers.

Photochemical nucleophile mapping: identification of Tyr311 within the catalytic domain of rabbit muscle glyceraldehyde-3-phosphate dehydrogenase.

Diquat induces renal proximal tubule injury in glutathione reductase-deficient mice.

Arsenic resistance in *Pteris vittata* L.: identification of a cytosolic triosephosphate isomerase based on cDNA expression cloning in *Escherichia coli*.

Molecular epidemiologic evidence for diabetogenic effects of dioxin exposure in U.S. Air force veterans of the Vietnam war.

P-glycoprotein induction: an antidotal pathway for paraquat-induced lung toxicity.

Single high dose dexamethasone treatment decreases the pathological score and increases the survival rate of paraquat-intoxicated rats.

DNA microarray analysis of pulmonary fibrosis three months after exposure to paraquat in rats.

Lack of effects of atrazine on estrogen-responsive organs and circulating hormone concentrations in sexually immature female Japanese quail (*Coturnix coturnix japonica*).

Effect of glyphosate herbicide on acetylcholinesterase activity and metabolic and hematological parameters in piava (*Leporinus obtusidens*).

Introduction of cAMP and establishment of neutral lipids alterations as pollution biomarkers using the mussel *Mytilus galloprovincialis*. Correlation with a battery of biomarkers.

Proteomic analysis of root meristems and the effects of acetohydroxyacid synthase-inhibiting herbicides in the root of *Medicago truncatula*.

Effects of clomazone herbicide on hematological and some parameters of protein and carbohydrate metabolism of silver catfish *Rhamdia quelen*.

Evaluation of the methoxytriazine herbicide prometon using a short-term fathead minnow reproduction test and a suite of in vitro bioassays.

Kinetics of paraquat in the isolated rat lung: Influence of sodium depletion.

Bacterial endophyte-enhanced phytoremediation of the organochlorine herbicide 2,4-dichlorophenoxyacetic acid.

Histological changes and micronucleus induction in the zebra mussel *Dreissena polymorpha* after paraquat exposure.

Teratological study of the herbicide 4-chloro-2-methylphenoxyacetic acid in rabbits.

Toxic effects of irgarol and diuron on sea urchin *Paracentrotus lividus* early development, fertilization, and offspring quality.

Protective effects of N-acetylcysteine treatment post acute paraquat intoxication in rats and in human lung epithelial cells.

[Influence of ambroxol on paraquat-induced lung tissue injury and change of pulmonary surfactant-associated protein A in the experimental rats].

[Effect of baicalin on expression of heme oxygenase-1 in lung injury of rats associated with paraquat poisoning].

H₂O₂ induces abnormal tail flexure in *Xenopus* embryos: similarities with Paraquat teratogenic effects.

Histopathological effects induced by paraquat during *Xenopus laevis* primary myogenesis.

Effects of herbicide chlorimuron-ethyl on physiological mechanisms in wheat (*Triticum aestivum*).

Pesticide assessment: Protecting public health on the home turf.

Analysis of reproductive toxicity and classification of glufosinate-ammonium.

Effects of paraquat on the freshwater fish *Channa punctata* (Bloch): non-enzymatic antioxidants as biomarkers of exposure.

Characterizing the ovotoxicity of cyclophosphamide metabolites on cultured mouse ovaries.

Atrazine concentrations, gonadal gross morphology and histology in ranid frogs collected in Michigan agricultural areas.

Hodgkin lymphoma, multiple myeloma, soft tissue sarcomas, insect repellents, and phenoxyherbicides.

Mortality from ischemic heart disease and diabetes mellitus (type 2) in four U.S. wheat-producing states: a hypothesis-generating study.

Orphan nuclear receptor pregnane X receptor sensitizes oxidative stress responses in transgenic mice and cancerous cells.

Effects of atrazine on sexual maturation in female Japanese quail induced by photostimulation or exogenous gonadotropin.

Organ-specific expression of glutathione S-transferases and the efficacy of herbicide safeners in *Arabidopsis*.

Neuroglobin and cytoglobin overexpression protects human SH-SY5Y neuroblastoma cells against oxidative stress-induced cell death.

Polyamines in renal failure.

Contrasting genome-wide distribution of 8-hydroxyguanine and acrolein-modified adenine during oxidative stress-induced renal carcinogenesis.

Effect of plasma homocysteine level and urinary monomethylarsonic acid on the risk of arsenic-associated carotid atherosclerosis.

Mutational analysis of DJ-1 in *Drosophila* implicates functional inactivation by oxidative damage and aging.

Increased levels of 4-hydroxynonenal and acrolein, neurotoxic markers of lipid peroxidation, in the brain in Mild Cognitive Impairment and early Alzheimer's disease.

Acute oxidative stress is associated with cell proliferation in the mouse liver.

Alcohol alters skeletal muscle heat shock protein gene expression in rats: these effects are moderated by sex, raised endogenous acetaldehyde, and starvation.

Oxidative stress in head trauma in aging.

Tissue distribution of lipid peroxidation product acrolein in human colon carcinogenesis.

Lisinopril ameliorates paraquat-induced lung fibrosis.

Hyperbaric oxygen preconditioning induces tolerance against spinal cord ischemia by upregulation of antioxidant enzymes in rabbits.

Treatment of experimental chronic chagas disease with trifluralin.

An oral adsorbent, AST-120, suppresses oxidative stress in uremic rats.

Effects of alpha tocopherol and probucol supplements on allergen-induced airway inflammation and hyperresponsiveness in a mouse model of allergic asthma.

Acrolein generation stimulates hypercontraction in isolated human blood vessels.

Potential application of urea-derived herbicides as cytokinins in plant tissue culture.

2-Benzoxazolinone (BOA) induced oxidative stress, lipid peroxidation and changes in some antioxidant enzyme activities in mung bean (*Phaseolus aureus*).

Estradiol and resveratrol stimulating effect on osteocalcin, but not osteonectin and collagen-1alpha gene expression in primary culture of rat calvarial osteoblast-like cells.

Expression of CP4 EPSPS in microspores and tapetum cells of cotton (*Gossypium hirsutum*) is critical for male reproductive development in response to late-stage glyphosate applications.

Acrolein-mediated mechanisms of neuronal death.

Paraquat-induced lipid peroxidation: effects of ovariectomy and estrogen receptor antagonist.

Contractile mechanisms coupled to TRPA1 receptor activation in rat urinary bladder.

MHC genes and oxidative stress in sticklebacks: an immuno-ecological approach.

Cytosolic and localized inhibition of phosphodiesterase by atrazine in swine tissue homogenates.

Tissue culture and transient transformation of Maretail (*Conyza canadensis* (L.) Cronquist).

Determination of atrazine and its metabolites in mouse urine and plasma by LC-MS analysis.

New insights on glyphosate mode of action in nodular metabolism: Role of shikimate accumulation.

Controls on atrazine leaching through a soil-unsaturated fractured limestone sequence at BrÃ©villes, France.

Enigma, a mitochondrial protein affecting lifespan and oxidative stress response in *Drosophila*.

Gene expression in rat lungs during early response to paraquat-induced oxidative stress.

Hypokalemia potentiates ouabain's effect on calcium cycling and cardiac growth.

Plasma organochlorine concentrations and bone ultrasound measurements: a cross-sectional study in peri- and postmenopausal Inuit women from Greenland.

Serum dioxin-like compounds and aromatase (CYP19) expression in endometriotic tissues.

Developmental toxicity of 4-ring polycyclic aromatic hydrocarbons in zebrafish is differentially dependent on AH receptor isoforms and hepatic cytochrome P4501A metabolism.

Mothball withdrawal encephalopathy: case report and review of paradichlorobenzene neurotoxicity.

Developmental dental toxicity of dioxin and related compounds--a review.

[Peripheral neuropathy induced by acute methyl bromide skin exposure: a case report].

Pharmacologic and functional characterization of malignant hyperthermia in the R163C RyR1 knock-in mouse.

Comparative toxicogenomic analysis of the hepatotoxic effects of TCDD in Sprague Dawley rats and C57BL/6 mice.

Perinatal exposure to PCB 153, but not PCB 126, alters bone tissue composition in female goat offspring.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (Cas No. 31508-00-6) in female Harlan Sprague-Dawley rats (gavage studies).

Cell cycle proteins in normal and chemically induced abnormal secondary palate development: a review.

Teratogen-induced, dietary and genetic models of congenital diaphragmatic hernia share a common mechanism of pathogenesis.

Airway smooth muscle dysfunction precedes teratogenic congenital diaphragmatic hernia and may contribute to hypoplastic lung morphogenesis.

Environmental arsenic exposure and sputum metalloproteinase concentrations.

Carcinogenicity of "non-dioxinlike" polychlorinated biphenyls.

Risk assessments of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, and dioxin-like polychlorinated biphenyls in food.

Carcinogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in experimental models.

Peristalsis of airway smooth muscle is developmentally regulated and uncoupled from hypoplastic lung growth.

Over-expression of AhR (aryl hydrocarbon receptor) induces neural differentiation of Neuro2a cells: neurotoxicology study.

Cancer and pesticides: an overview and some results of the Italian multicenter case-control study on hematolymphopoietic malignancies.

The therapeutic effect of tissue cultured root of wild *Panax ginseng* C.A. Mayer on spermatogenic disorder.

Use of a physiologically based pharmacokinetic model for rats to study the influence of body fat mass and induction of CYP1A2 on the pharmacokinetics of TCDD.

Antimicrobial efficiency of some antiseptic products on endodontic microflora isolated from gangrenous pulp tissue.

Dioxin-induced chloracne--reconstructing the cellular and molecular mechanisms of a classic environmental disease.

Connexin 43 gene expression in mice with cardiopulmonary developmental defects.

Ah receptor: dioxin-mediated toxic responses as hints to deregulated physiologic functions.

Down-regulation of wt1 expression in leukemia cell lines as part of apoptotic effect in arsenic treatment using two compounds.

Molluscicidal effect of fenitrothion and anilofos on *Lymnaea natalensis* and *Biomphalaria alexandrina* snails and on the free larval stages of *Schistosoma mansoni*.

Epigenetic inactivation of the dioxin-responsive cytochrome P4501A1 gene in human prostate cancer.

Insulin-like growth factor-I increases bone sialoprotein (BSP) expression through fibroblast growth factor-2 response element and homeodomain protein-binding site in the proximal promoter of the BSP gene.

The constitutively active Ah receptor (CA-Ahr) mouse as a potential model for dioxin exposure--effects in vital organs.

Estimated cancer risk of dioxins to humans using a bioassay and physiologically based pharmacokinetic model.

For dioxin-induced birth defects, mouse or human CYP1A2 in maternal liver protects whereas mouse CYP1A1 and CYP1B1 are inconsequential.

Arsenic speciation transported through the placenta from mother mice to their newborn pups.

Proinflammatory changes in human umbilical cord vein endothelial cells can be induced neither by native nor by modified CRP.

A potential endogenous ligand for the aryl hydrocarbon receptor has potent agonist activity in vitro and in vivo.

The effect of perinatal TCDD exposure on caries susceptibility in rats.

Metabolic effects of dinoseb, diazinon and esfenvalerate in eyed eggs and alevins of Chinook salmon (*Oncorhynchus tshawytscha*) determined by ¹H NMR metabolomics.

[Environmental pollution from dioxins and soft tissue sarcomas in the population of Venice and Mestre: an example of the use of current electronic information sources].

NTP technical report on the toxicology and carcinogenesis studies of 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (Gavage studies).

Relative cancer potencies of selected dioxin-like compounds on a body-burden basis: comparison to current toxic equivalency factors (TEFs).

Synchrotron microradiography study on acute lung injury of mouse caused by PM(2.5) aerosols.

Assessment of effects in mink caused by consumption of carp collected from the Saginaw River, Michigan, USA.

Oxidation of myosin heavy chain and reduction in force production in hyperthyroid rat soleus.

Effect of *Centella asiatica* on arsenic induced oxidative stress and metal distribution in rats.

Enhanced expression of plasma glutathione peroxidase in the thymus of mice treated with TCDD and its implication for TCDD-induced thymic atrophy.

Oxidative damage of DJ-1 is linked to sporadic Parkinson and Alzheimer diseases.

Differential transcriptional regulation by mouse single-minded 2s.

Functional properties of ryanodine receptors carrying three amino acid substitutions identified in patients affected by multi-minicore disease and central core disease, expressed in immortalized lymphocytes.

In vivo-in vitro toxicogenomic comparison of TCDD-elicited gene expression in Hepa1c1c7 mouse hepatoma cells and C57BL/6 hepatic tissue.

Adverse health effects in humans exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

NTP technical report on the toxicology and carcinogenesis studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (CAS No. 1746-01-6) in female Harlan Sprague-Dawley rats (Gavage Studies).

Clinical and experimental applications of NIR-LED photobiomodulation.

The MAPKKK Mekk1 regulates the expression of Turandot stress genes in response to septic injury in *Drosophila*.

Involvement of cytoskeleton in AhR-dependent CYP1A1 expression.

Effects of combined 17beta-estradiol with TCDD on secretion of chemokine IL-8 and expression of its receptor CXCR1 in endometriotic focus-associated cells in co-culture.

NADPH oxidase in the renal medulla causes oxidative stress and contributes to salt-sensitive hypertension in Dahl S rats.

Therapeutic value of melatonin in an experimental model of liver injury and regeneration.

Uncertainties related to the assignment of a toxic equivalency factor for 1,2,3,4,6,7,8,9-octachlorodibenzo-p-dioxin.

The early embryo loss caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin may be related to the accumulation of this compound in the uterus.

Boron ameliorates fulminant hepatic failure by counteracting the changes associated with the oxidative stress.

Elevation of circulating endothelial microparticles in patients with chronic renal failure.

Depletion of securin increases arsenite-induced chromosome instability and apoptosis via a p53-independent pathway.

Transactivation of fetal liver kinase-1/kinase-insert domain-containing receptor by lysophosphatidylcholine induces vascular endothelial cell proliferation.

An antioxidative and antiinflammatory agent for potential treatment of osteoarthritis from *Ecklonia cava*.

Pesticides and Parkinson's disease--is there a link?

Neuroprotective effects of stearic acid against toxicity of oxygen/glucose deprivation or glutamate on rat cortical or hippocampal slices.

Genetic differences in lethality of newborn mice treated in utero with coplanar versus non-coplanar hexabromobiphenyl.

The citrus flavonoid naringenin stimulates DNA repair in prostate cancer cells.

Occupational factors and risk of adult bone sarcomas: a multicentric case-control study in Europe.

Amyotrophic lateral sclerosis and exposure to environmental toxins: an Australian case-control study.

Possible beneficial effects of melatonin supplementation on arsenic-induced oxidative stress in Wistar rats.

Terminology of gonadal anomalies in fish and amphibians resulting from chemical exposures.

Divergent risk of multiple sclerosis in two anabaptist communities in America.

Comment on "Pediatric fatality following ingestion of Dinitrophenol: postmortem identification of a 'dietary supplement'".

Molecular biology of the nasal airways: how do we assess cellular and molecular responses in the nose?

Molecular mechanisms of 2,3,7,8-tetrachlorodibenzo-p-dioxin cardiovascular embryotoxicity.

Effects of 2,4-dinitrophenol on ischemia-induced blood-brain barrier disruption.

NTP toxicology and carcinogenesis studies of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (CAS No. 57465-28-8) in female Harlan Sprague-Dawley rats (Gavage Studies).

CXCL12 is displayed by rheumatoid endothelial cells through its basic amino-terminal motif on heparan sulfate proteoglycans.

Effects of caffeine, halothane, and 4-chloro-m-cresol on skeletal muscle lactate and pyruvate in malignant hyperthermia-susceptible and normal swine as assessed by microdialysis.

Hemodialysis reduces inhibitory effect of plasma ultrafiltrate on LDL oxidation and subsequent endothelial reactions.

Are tyrosine kinases involved in mediating contraction-stimulated muscle glucose transport?

Detection of equine herpesvirus type 1 using a real-time polymerase chain reaction.

TCDD decreases ATP levels and increases reactive oxygen production through changes in mitochondrial F(0)F(1)-ATP synthase and ubiquinone.

Association between the levels of biogenic amines and superoxide anion production in brain regions of rats after subchronic exposure to TCDD.

De novo expression of MECA-79 glycoprotein-determinant on developing B lymphocytes in gut-associated lymphoid tissues.

Dihydroxy-, hydroxyspirolactone-, and dihydroxyspirolactone-urochlorins induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the liver of mice.

Molecular interactions of arabinogalactan proteins with cortical microtubules and F-actin in Bright Yellow-2 tobacco cultured cells.

Establishment of a simple and efficient system for somatic embryo induction via ovule culture in *Arabidopsis thaliana*.

Determination of malachite green and leucomalachite green in edible goldfish muscle by liquid chromatography-ion trap mass spectrometry.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on leukocyte function-associated antigen-1 mediated splenocyte adhesion.

Exposure to 3,3',4,4',5-pentachlorobiphenyl during embryonic development has a minimal effect on the cytochrome P4501A response to 2,3,7,8-tetrachlorodibenzo-p-dioxin in cultured chicken embryo hepatocytes.

Alterations in calcium homeostasis reduce membrane excitability in amphibian skeletal muscle.

2,3,7,8-tetrachlorodibenzo-p-dioxin specifically reduces mRNA for the mineralization-related dentin sialophosphoprotein in cultured mouse embryonic molar teeth.

Residues of dioxins (PCDD/Fs) and PCBs in eggs, fat and livers of laying hens following consumption of contaminated feed.

Duox2 exhibits potent heme peroxidase activity in human respiratory tract epithelium.

Examination of the expression of the heat shock protein gene, hsp110, in *Xenopus laevis* cultured cells and embryos.

Developmental and hormonal regulation of direct shoot organogenesis and somatic embryogenesis in sugarcane (*Saccharum* spp. interspecific hybrids) leaf culture.

The 2005 World Health Organization reevaluation of human and Mammalian toxic equivalency factors for dioxins and dioxin-like compounds.

Dithiocarbamates have a common toxic effect on zebrafish body axis formation.

Exposure to PCB 77 induces tissue-dependent changes in iodothyronine deiodinase activity patterns in the embryonic chicken.

Toxicology and carcinogenesis studies of a mixture of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (Cas No. 1746-01-6), 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4), and 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) in female Harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4) in female Harlan Sprague-Dawley rats (gavage studies).

[Effects of agonists and antagonists of ryanodine receptors on potassium contractures in twitch and tonic frog skeletal muscle fibers].

Effect of sodium azide on the metabolic activity of cultured fetal cells.

Results of a long-term carcinogenicity bioassay on Sprague-Dawley rats exposed to sodium arsenite administered in drinking water.

The novel Src kinase inhibitor M475271 inhibits VEGF-induced vascular endothelial-cadherin and beta-catenin phosphorylation but increases their association.

Genome-wide screening of dioxin-responsive genes in fetal brain: bioinformatic and experimental approaches.

C-Reactive protein upregulates receptor for advanced glycation end products expression in human endothelial cells.

Effects of xenobiotics and steroids on renal and hepatic estrogen metabolism in lake trout.

Effects of sulfonylureas on mitochondrial ATP-sensitive K⁺ channels in cardiac myocytes: implications for sulfonylurea controversy.

Effects of individual and combined exposure to sodium arsenite and sodium fluoride on tissue oxidative stress, arsenic and fluoride levels in male mice.

Validation study on 660 pesticide residues in animal tissues by gel permeation chromatography cleanup/gas chromatography-mass spectrometry and liquid chromatography-tandem mass spectrometry.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (gavage studies).

Aryl hydrocarbon receptor activation produces heart-specific transcriptional and toxic responses in developing zebrafish.

Polychlorinated biphenyl concentrations, congener profiles, and ratios in the fat tissue, eggs, and plasma of snapping turtles (*Chelydra s. serpentina*) from the Ohio Basin of Lake Erie, USA.

Polychlorinated biphenyls and organochlorine pesticide levels in tissues of *Caretta caretta* from the Adriatic Sea.

Arsenicals in maternal and fetal mouse tissues after gestational exposure to arsenite.

Arsenite increases vasoconstrictor reactivity in rat blood vessels: role of endothelial nitric oxide function.

Cortical microtubule arrays lose uniform alignment between cells and are oryzalin resistant in the *Arabidopsis* mutant, radially swollen 6.

Hypoxic vasoconstriction of partial muscular intra-acinar pulmonary arteries in murine precision cut lung slices.

Ion chromatography-atmospheric pressure chemical ionization mass spectrometry for the determination of trace chlorophenols in clam tissues.

Kinetics of arsenic methylation by freshly isolated B6C3F1 mouse hepatocytes.

Knocking down type 2 but not type 1 caldesmon reduces calcium sequestration and release in C2C12 skeletal muscle myotubes.

Differences in tumor-associated protein levels among middle-age Flemish women in association with area of residence and exposure to pollutants.

Horse chestnut extract induces contraction force generation in fibroblasts through activation of Rho/Rho kinase.

Sodium azide in commercially available C-reactive protein preparations does not influence matrix metalloproteinase-2 synthesis and release in cultured human aortic vascular smooth muscle cells.

A novel integrin $\alpha 5\beta 1$ binding domain in module 4 of connective tissue growth factor (CCN2/CTGF) promotes adhesion and migration of activated pancreatic stellate cells.

Tissue specific induction of cytochrome P450 (CYP) 1A1 and 1B1 in rat liver and lung following in vitro (tissue slice) and in vivo exposure to benzo(a)pyrene.

Enhancing effects of simultaneous treatment with sodium nitrite on 2-amino-3-methylimidazo[4,5-f]quinoline-induced rat liver, colon and Zymbal's gland carcinogenesis after initiation with diethylnitrosamine and 1,2-dimethylhydrazine.

Systemic and myelotoxic effects of single administration of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

Dioxin cancer risk--example of hormesis?

Induction of connective tissue growth factor in retinal pigment epithelium cells by oxidative stress.

A toxicokinetic model for the carry-over of dioxins and PCBs from feed and soil to eggs.

Inhibitory effect of melatonin on diquat-induced lipid peroxidation in vivo as assessed by the measurement of F2-isoprostanes.

Suppressive effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on vascular remodeling that takes place in the normal labyrinth zone of rat placenta during late gestation.

Toxicokinetic study of dioxins and furans in laying chickens.

Protein carbonylation and heat shock response in *Ruditapes decussatus* following p,p'-dichlorodiphenyldichloroethylene (DDE) exposure: a proteomic approach reveals that DDE causes oxidative stress.

Effect of chlorpromazine on bone sialoprotein (BSP) gene transcription.

Analytical methods for trace levels of reactive carbonyl compounds formed in lipid peroxidation systems.

Regeneration of the liver in mice treated with a mixture of hepatotoxins in delayed periods after bone marrow transplantation.

Assessment by c-Fos immunostaining of changes in brain neural activity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and leptin in rats.

Chitosan nanoparticles as a potential drug delivery system for the ocular surface: toxicity, uptake mechanism and in vivo tolerance.

Sodium azide dilates coronary arterioles via activation of inward rectifier K⁺ channels and Na⁺-K⁺-ATPase.

Somatic embryogenesis and plant regeneration from different wild diploid cotton (*Gossypium*) species.

Desensitization of platelet-derived growth factor receptor-beta by oxidized lipids in vascular cells and atherosclerotic lesions: prevention by aldehyde scavengers.

Synthesis of new chiral amines with a cyclic 1,2-diacetal skeleton derived from (2R, 3R)-(+)-tartaric acid.

Comparison of hepatic and extra hepatic induction of cytochrome P4501A by graded doses of aryl hydrocarbon receptor agonists in Atlantic tomcod from two populations.

Osteopontin: a rapid and sensitive response to dioxin exposure in the osteoblastic cell line UMR-106.

Beta-naphthoflavone represses dystrophin Dp71 expression in hepatic cells.

Determination of chloramphenicol residue in chicken tissues by immunoaffinity chromatography cleanup and gas chromatography with a microcell electron capture detector.

The aryl hydrocarbon receptor activates the retinoic acid receptoralpha through SMRT antagonism.

Acute depletion of reduced glutathione causes extensive carbonylation of rat brain proteins.

Sunlight generates multiple tryptophan photoproducts eliciting high efficacy CYP1A induction in chick hepatocytes and in vivo.

Human sulphotransferases are involved in the activation of aristolochic acids and are expressed in renal target tissue.

Abcisic acid and stress treatment are essential for the acquisition of embryogenic competence by carrot somatic cells.

Tree swallow (*Tachycineta bicolor*) exposure to polychlorinated biphenyls at the Kalamazoo River superfund site, Michigan, USA.

Synthetic smooth muscle cell phenotype is associated with increased nicotinamide adenine dinucleotide phosphate oxidase activity: effect on collagen secretion.

Functional changes in bladder tissue from type III collagen-deficient mice.

AhR-agonist-induced transcriptional changes of genes involved in thyroid function in primary porcine thyrocytes.

Low light and low ammonium are key factors for guayule leaf tissue shoot organogenesis and transformation.

Regulation of bone sialoprotein (BSP) gene transcription by lipopolysaccharide.

Effects of endocrine disrupters on the expression of growth hormone and prolactin mRNA in the rainbow trout pituitary.

The chlorinated AHR ligand 3,3',4,4',5-pentachlorobiphenyl (PCB126) promotes reactive oxygen species (ROS) production during embryonic development in the killifish (*Fundulus heteroclitus*).

Environmental toxicants and effects on female reproductive function.

Enhanced functional maturation of fetal porcine hepatocytes in three-dimensional poly-L-lactic acid scaffolds: a culture condition suitable for engineered liver tissues in large-scale animal studies.

Co-administration of zinc and n-acetylcysteine prevents arsenic-induced tissue oxidative stress in male rats.

[¹¹C]SMe-ADAM, an imaging agent for the brain serotonin transporter: synthesis, pharmacological characterization and microPET studies in rats.

Enterocyte cytoskeleton changes are crucial for enhanced translocation of nonpathogenic *Escherichia coli* across metabolically stressed gut epithelia.

The isolated anterior stomach of larval mosquitoes (*Aedes aegypti*): voltage-clamp measurements with a tubular epithelium.

CYP2A5-mediated activation and early ultrastructural changes in the olfactory mucosa: studies on 2,6-dichlorophenyl methylsulfone.

New evidences for old biomarkers: effects of several xenobiotics on EROD and AChE activities in Zebra mussel (*Dreissena polymorpha*).

A shared response model for clustered binary data in developmental toxicity studies.

Rice (*Oryza sativa*) response to drift rates of glyphosate.

Glyphosate inhibits rust diseases in glyphosate-resistant wheat and soybean.

The bipyridyl herbicide paraquat produces oxidative stress-mediated toxicity in human neuroblastoma SH-SY5Y cells: relevance to the dopaminergic pathogenesis.

Regulation of oxidative stress by the anti-aging hormone klotho.

Myeloperoxidase-generated oxidants modulate left ventricular remodeling but not infarct size after myocardial infarction.

Antioxidant and hepatoprotective effects of *Eucalyptus maculata*.

Evaluated fate and effects of atrazine and lambda-cyhalothrin in vegetated and unvegetated microcosms.

Effects of atrazine on metamorphosis, growth, laryngeal and gonadal development, aromatase activity, and sex steroid concentrations in *Xenopus laevis*.

[Effects of different doses of levodopa on paraquat-induced neurotoxicity: an experiment with mice].

Roles of *Drosophila* DJ-1 in survival of dopaminergic neurons and oxidative stress.

Drosophila DJ-1 mutants are selectively sensitive to environmental toxins associated with Parkinson's disease.

Mechanism of acrolein-induced vascular toxicity.

Effect of metals on herbicides-alpha-synuclein association: a possible factor in neurodegenerative disease studied by capillary electrophoresis.

Intentional self-poisoning with the chlorophenoxy herbicide 4-chloro-2-methylphenoxyacetic acid (MCPA).

Damage and threshold shift resulting from cochlear exposure to paraquat-generated superoxide.

The parkinsonism producing neurotoxin MPP⁺ affects microtubule dynamics by acting as a destabilising factor.

Toxicity testing of herbicide norflurazon on an aquatic bioindicator species--the planarian *Polycelis felina* (Daly.).

Effects of the herbicide isoproturon on metallothioneins, growth, and antioxidative defenses in the aquatic worm *Tubifex tubifex* (Oligochaeta, Tubificidae).

Effects of the herbicides clomazone, quinclorac, and metsulfuron methyl on acetylcholinesterase activity in the silver catfish (*Rhamdia quelen*) (Heptapteridae).

A toxicologic and dermatologic assessment of cinnamyl alcohol, cinnamaldehyde and cinnamic acid when used as fragrance ingredients.

Growth inhibition as indicator of stress because of atrazine following multiple toxicant exposure of the freshwater macrophyte, *Juncus effusus* L.

Thyroid function in nestling tree swallows and eastern bluebirds exposed to non-persistent pesticides and p, p'-DDE in apple orchards of southern Ontario, Canada.

Use of comet and micronucleus assays to measure genotoxicity in meadow voles (*Microtus pennsylvanicus*) living in golf course ecosystems exposed to pesticides.

Expression of vasoactive mediators during mechanical ventilation in nitrofen-induced diaphragmatic hernia in rats.

Vascular endothelial growth factor reduced and connective tissue growth factor induced by triamcinolone in ARPE19 cells under oxidative stress.

In vivo evaluation of three biomarkers in the mosquitofish (*Gambusia yucatana*) exposed to pesticides.

Toxicity and bioavailability of atrazine and molinate to the freshwater shrimp (*Paratya australiensis*) under laboratory and simulated field conditions.

Effects of co-administration of antioxidants and arsenicals on the rat urinary bladder epithelium.

Phytoremediation of atrazine by poplar trees: toxicity, uptake, and transformation.

The ecotoxicological effects of Photosystem II herbicides on corals.

Changes over time in the allelochemical content of ten cultivars of rye (*Secale cereale* L.).

Molecular characterization of a cDNA encoding copper/zinc superoxide dismutase from cultured cells of *Manihot esculenta*.

Effects of the herbicide diuron on the early life history stages of coral.

Arsenic-induced micronuclei formation in mammalian cells and its counteraction by tea.

Oral bioavailability of glyphosate: studies using two intestinal cell lines.

Transforming growth factor-beta1 upregulation is independent of angiotensin in paraquat-induced lung fibrosis.

Acrolein-induced cell death in PC12 cells: role of mitochondria-mediated oxidative stress.

Protein adduct species in muscle and liver of rats following acute ethanol administration.

Acrolein impairs ATP binding cassette transporter A1-dependent cholesterol export from cells through site-specific modification of apolipoprotein A-I.

Abeta-polyacrolein aggregates: novel mechanism of plastic formation in senile plaques.

Toxin-induced models of Parkinson's disease.

Acyclic cyanamide-based inhibitors of cathepsin K.

Analysis of derivatized biogenic aldehydes by LC tandem mass spectrometry.

Comparison of broiler performance when fed diets containing corn grain with insect-protected (corn rootworm and European corn borer) and herbicide-tolerant (glyphosate) traits, control corn, or commercial reference corn.

Influence of atrazine administration and reduction of calorie intake on prostate carcinogenesis in probasin/SV40 T antigen transgenic rats.

Very-long-chain fatty acids activate lysosomal hydrolases in neonatal human skin tissue.

Modeling and predicting stress-induced immunosuppression in mice using blood parameters.

The diphenylether herbicide lactofen induces cell death and expression of defense-related genes in soybean.

Effects of gpx4 haploid insufficiency on GPx4 activity, selenium concentration, and paraquat-induced protein oxidation in murine tissues.

Proteomic analysis of grapevine (*Vitis vinifera* L.) tissues subjected to herbicide stress.

Adaptive response of antioxidant enzymes to catalase inhibition by aminotriazole in goldfish liver and kidney.

Carbon source dependent somatic embryogenesis and plant regeneration in cotton, *Gossypium hirsutum* L. cv. SVPR2 through suspension cultures.

Multiple components of 2,4-dichlorophenoxyacetic acid uptake by rat choroid plexus.

Development of a method for quantification of acrolein-deoxyguanosine adducts in DNA using isotope dilution-capillary LC/MS/MS and its application to human brain tissue.

Effects of bisphenol-A (BPA), dibutylphthalate (DBP), benzophenone-2 (BP2), procymidone (Proc), and linurone (Lin) on fat tissue, a variety of hormones and metabolic parameters: a 3 months comparison with effects of estradiol (E2) in ovariectomized (ovx) rats.

Expression of a fungal cyanamide hydratase in transgenic soybean detoxifies cyanamide in tissue culture and in planta to provide cyanamide resistance.

Hydroxamic acid content and toxicity of rye at selected growth stages.

Complementary interactions between oxidative stress and auxins control plant growth responses at plant, organ, and cellular level.

Establishment of embryogenic cell suspension cultures of garlic (*Allium sativum* L.), plant regeneration and biochemical analyses.

Mature embryo axis-based high frequency somatic embryogenesis and plant regeneration from multiple cultivars of barley (*Hordeum vulgare* L.).

Novel genomic targets in oxidant-induced vascular injury.

Translation of in vitro inhibition by marine natural products of the C4 acid cycle enzyme pyruvate P(i) dikinase to in vivo C4 plant tissue death.

Acrolein induces Hsp72 via both PKCdelta/JNK and calcium signaling pathways in human umbilical vein endothelial cells.

Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in mice following acute oral administration of arsenate.

Induction of thioredoxin reductase as an adaptive response to acrolein in human umbilical vein endothelial cells.

Gibberellin inhibitors improve embryogenic tissue initiation in conifers.

Tissue distribution of arsenic species in rabbits after single and multiple parenteral administration of arsenic trioxide: tissue accumulation and the reversibility after washout are tissue-selective.

Tissue, species, and environmental differences in absolute quantities of murine mRNAs coding for alpha, mu, omega, pi, and theta glutathione S-transferases.

[Establishment of embryogenic cell suspension culture and plant regeneration of edible banana *Musa acuminata* cv. Mas (AA)].

Eucalyptus ESTs related to genes for oxidative stress.

Fracture-controlled nitrate and atrazine transport in four Iowa till units.

Evolution of endogenous hormone concentration in embryogenic cultures of carrot during early expression of somatic embryogenesis.

Molecular events associated with arsenic-induced malignant transformation of human prostatic epithelial cells: aberrant genomic DNA methylation and K-ras oncogene activation.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced change in intestinal function and pathology: evidence for the involvement of arylhydrocarbon receptor-mediated alteration of glucose transportation.

Heart malformation is an early response to TCDD in embryonic zebrafish.

Heat-stable enterotoxin of *Escherichia coli* stimulates a non-CFTR-mediated duodenal bicarbonate secretory pathway.

Enhanced response to caffeine and 4-chloro-m-cresol in malignant hyperthermia-susceptible muscle is related in part to chronically elevated resting $[Ca^{2+}]_i$.

A rapid and efficient transformation protocol for the grass *Brachypodium distachyon*.

Transduced Tat-SOD fusion protein protects against ischemic brain injury.

Mitochondrial O₂^{*}- and H₂O₂ mediate glucose deprivation-induced stress in human cancer cells.

Cloning and expression of type III collagen in normal and injured tendons of horses.

Effects of arsenic and UVB on normal human cultured keratinocytes: impact on apoptosis and implication on photocarcinogenesis.

Paradoxical effects of green tea (*Camellia sinensis*) and antioxidant vitamins in diabetic rats: improved retinopathy and renal mitochondrial defects but deterioration of collagen matrix glycooxidation and cross-linking.

Transcriptional activation of the membrane-bound progesterone receptor (mPR) by dioxin, in endocrine-responsive tissues.

Deregulation of cell proliferation by polycyclic aromatic hydrocarbons in human breast carcinoma MCF-7 cells reflects both genotoxic and nongenotoxic events.

Characterization of spontaneous and chemically induced cardiac lesions in rodent model systems: the national toxicology program experience.

Environmental cardiovascular disease.

[Orthorexia nervosa. A new eating behavior disorder?].

Quantitation of polychlorinated biphenyls in fish for human cancer risk assessment: a comparative case study.

Quantification of viability in organotypic multicellular spheroids of human malignant glioma using lactate dehydrogenase activity: a rapid and reliable automated assay.

Gingival carcinogenicity in female Harlan Sprague-Dawley rats following two-year oral treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like compounds.

A beta-catenin-dependent pathway regulates expression of cytochrome P450 isoforms in mouse liver tumors.

Positive end-expiratory pressure prevents lung mechanical stress caused by recruitment/derecruitment.

The epidemiology of non-Hodgkin lymphoma.

Toxicology and carcinogenesis studies of sodium chlorate (Cas No. 7775-09-9) in F344/N rats and B6C3F1 mice (drinking water studies).

[Risk factors for pediatric malignant bone tumors].

Effects of dietary zinc and iron supplementation on mineral excretion, body composition, and mineral status of nursery pigs.

Serum soluble transferrin receptor is a valuable diagnostic tool in iron deficiency of breath-holding spells.

Drosophila DJ-1 mutants show oxidative stress-sensitive locomotive dysfunction.

Sharks do get cancer: few surprises in cartilage research.

Tissue Doppler-derived indices predict exercise capacity in patients with apical hypertrophic cardiomyopathy.

Effects of ferrous sulphate and non-ionic iron-polymaltose complex on markers of oxidative tissue damage in patients with inflammatory bowel disease.

[Application of a 3D reconstruction model for the analysis of nitrofen induced intrathoracic malformations].

Synthesis and biodistribution of (11)C-GW7845, a positron-emitting agonist for peroxisome proliferator-activated receptor- γ .

Nonsteroidal anti-inflammatory drugs differentially affect the heat shock response in cultured spinal cord cells.

Histologic evaluation of periradicular tissues in dogs treated with calcium hydroxide in combination with HCT20 and camphorated P-chlorophenol.

Adhesion and Rac1-dependent regulation of biglycan gene expression by transforming growth factor- β . Evidence for oxidative signaling through NADPH oxidase.

Ultrastructural findings in feline corneal sequestra.

Cumulative and bolus in vitro contracture testing with 4-chloro-3-ethylphenol in malignant hyperthermia positive and negative human skeletal muscles.

The mitochondrial uncoupler 2,4-dinitrophenol attenuates tissue damage and improves mitochondrial homeostasis following transient focal cerebral ischemia.

Cytochrome P450 1B1 is overexpressed and regulated by hypomethylation in prostate cancer.

Increased mortality associated with TCDD exposure in mice infected with influenza A virus is not due to severity of lung injury or alterations in Clara cell protein content.

Repeated in utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure affects male gonads in offspring, leading to sex ratio changes in F2 progeny.

Bone resorption by aryl hydrocarbon receptor-expressing osteoclasts is not disturbed by TCDD in short-term cultures.

An assessment of PCBs and OC pesticides in eggs of double-crested (*Phalacrocorax auritus*) and Pelagic (*P. pelagicus*) cormorants from the west coast of Canada, 1970 to 2002.

Evaluation of pseudo-affective responses to noxious colorectal distension in rats by manometric recordings.

Effect of caffeic acid phenethyl ester on proliferation and apoptosis of colorectal cancer cells in vitro.

Reduced expression of progesterone receptor-B in the endometrium of women with endometriosis and in cocultures of endometrial cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Synthesis and in vivo evaluation of [11C]PJ34, a potential radiotracer for imaging the role of PARP-1 in necrosis.

Carbon-11 labeled sigma2 receptor ligands for imaging breast cancer.

Carbamylated low-density lipoprotein induces death of endothelial cells: a link to atherosclerosis in patients with kidney disease.

Direct effect of plasma permeability factors from patients with idiopathic FSGS on nephrin and podocin expression in human podocytes.

Development of a new hybrid gel phantom using carrageenan and gellan gum for visualizing three-dimensional temperature distribution during hyperthermia and radiofrequency ablation.

Human health risk assessment of organochlorines associated with fish consumption in a coastal city in China.

NF- κ B and not the MAPK signaling pathway regulates GADD45 β expression during acute inflammation.

Adipose levels of dioxins and risk of breast cancer.

Preliminary morphological and histochemical changes in rat spinal cord neurons following arsenic ingestion.

The heat shock protein 90 inhibitor, 17-allylamino-17-demethoxygeldanamycin, enhances osteoclast formation and potentiates bone metastasis of a human breast cancer cell line.

Peroxiredoxin 6, a 1-Cys peroxiredoxin, functions in antioxidant defense and lung phospholipid metabolism.

Common viral infection affects pentabrominated diphenyl ether (PBDE) distribution and metabolic and hormonal activities in mice.

Temporal and dose-dependent hepatic gene expression patterns in mice provide new insights into TCDD-Mediated hepatotoxicity.

Ah receptor- and TCDD-mediated liver tumor promotion: clonal selection and expansion of cells evading growth arrest and apoptosis.

[Mortality for non-Hodgkin lymphoma and soft-tissue sarcoma in the surrounding area of an urban waste incinerator. Campi Bisenzio (Tuscany, Italy) 1981-2001].

Identification of three mutations in the Cu,Zn-superoxide dismutase (Cu,Zn-SOD) gene with familial amyotrophic lateral sclerosis: transduction of human Cu,Zn-SOD into PC12 cells by HIV-1 TAT protein basic domain.

Localization of cytochrome P450 CYP2S1 expression in human tissues by in situ hybridization and immunohistochemistry.

The dioxin/aryl hydrocarbon receptor mediates downregulation of osteopontin gene expression in a mouse model of gastric tumorigenesis.

Kupffer cell ablation improves hepatic microcirculation after trauma and sepsis.

Recovery from iron deficiency in rats by the intake of recombinant yeast producing human H-ferritin.

Rubidium-87 magnetic resonance spectroscopy and imaging for analysis of mammalian K⁺ transport.

Heat shock protein 90 is required for increased DNA binding activity of activator protein-1, a heterodimer of Fos/JunD, in rheumatoid synovial cells under inflammatory stimuli.

Regulation of extracellular signal-regulated protein kinase signaling in human osteosarcoma cells stimulated with nicotine.

Effects of PCB 126 on primary immune organs and thymocyte apoptosis in chicken embryos.

Good bug, bad bug: in the case of enteric inflammatory disease does the epithelium decide?

Intracellular localization of Xenopus small heat shock protein, hsp30, in A6 kidney epithelial cells.

Gastric hamartomatous tumours in a transgenic mouse model expressing an activated dioxin/Ah receptor.

Is oxidative stress the mechanism of blue sac disease in retene-exposed trout larvae?

Amalgam exposure and neurological function.

Prospective protective role of melatonin against arsenic-induced metabolic toxicity in Wistar rats.

Co-mutagenic activity of arsenic and benzo[a]pyrene in mouse skin.

Predicting toxicity equivalents in fish tissue.

Mitochondria are fast Ca²⁺ sinks in rat extraocular muscles: a novel regulatory influence on contractile function and metabolism.

How does human stem cell therapy influence gene expression after liver injury? Microarray evaluation on a rat model.

Induction of cytochrome P450 1A5 mRNA, protein and enzymatic activities by dioxin-like compounds, and congener-specific metabolism and sequestration in the liver of wild jungle crow (*Corvus macrorhynchos*) from Tokyo, Japan.

An assessment of the toxicological significance of anthropogenic contaminants in Canadian arctic wildlife.

Maternal-fetal distribution and transfer of dioxins in pregnant women in Japan, and attempts to reduce maternal transfer with *Chlorella* (*Chlorella pyrenoidosa*) supplements.

AMP-activated protein kinase alpha2 activity is not essential for contraction- and hyperosmolarity-induced glucose transport in skeletal muscle.

Tissue-specific, inducible, and hormonal control of the human UDP-glucuronosyltransferase-1 (UGT1) locus.

Residue analysis for halofuginone in sturgeon muscle by immunoaffinity cleanup and liquid chromatography.

The blood-brain barrier transmigration of single domain antibody: mechanisms of transport and antigenic epitopes in human brain endothelial cells.

Effects of unoprostone and endothelin 1 on L-type channel currents in human trabecular meshwork cells.

SKS6, a multicopper oxidase-like gene, participates in cotyledon vascular patterning during *Arabidopsis thaliana* development.

Dose-dependent liver regeneration in chloroform, trichloroethylene and allyl alcohol ternary mixture hepatotoxicity in rats.

Endogenous vascular hydrogen peroxide regulates arteriolar tension in vivo.

Tissue dosimetry, metabolism and excretion of pentavalent and trivalent monomethylated arsenic in mice after oral administration.

First Report of *Sclerotinia minor* on *Sida spinosa* in North Carolina.

Distribution of PCDDs/PCDFs and Co-PCBs in human maternal blood, cord blood, placenta, milk, and adipose tissue: dioxins showing high toxic equivalency factor accumulate in the placenta.

Inorganic arsenite potentiates vasoconstriction through calcium sensitization in vascular smooth muscle.

Coplanar polychlorinated biphenyls activate the aryl hydrocarbon receptor in developing tissues of two TCDD-responsive lacZ mouse lines.

Accumulation, tissue distribution, and maternal transfer of dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin: impacts on reproductive success of zebrafish.

A polychromatic staining method for epoxy embedded tissue: a new combination of methylene blue and basic fuchsin for light microscopy.

Vitamins inhibit oxidant-induced apoptosis of corneal endothelial cells.

Amelogenin stimulates bone sialoprotein (BSP) expression through fibroblast growth factor 2 response element and transforming growth factor-beta1 activation element in the promoter of the BSP gene.

Linking a one-dimensional pesticide fate model to a three-dimensional groundwater model to simulate pollution risks of shallow and deep groundwater underlying fractured till.

Endothelin-1-induced contraction in veins is independent of hydrogen peroxide.

Age-associated decline in mitochondrial respiration and electron transport in *Drosophila melanogaster*.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) alters the mRNA expression of critical genes associated with cholesterol metabolism, bile acid biosynthesis, and bile transport in rat liver: a microarray study.

Physiological increases in uncoupling protein 3 augment fatty acid oxidation and decrease reactive oxygen species production without uncoupling respiration in muscle cells.

Tissue-dependent distribution and accumulation of chlorobenzenes by vegetables in urban area.

Polychlorinated biphenyls and organochlorine pesticides in human adipose tissue and breast milk collected in Hong Kong.

The dioxin-like PCB 77 but not the ortho-substituted PCB 153 interferes with chicken embryo thyroid hormone homeostasis and delays hatching.

The development of a physiologically-based pharmacokinetic model using the distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the tissues of the eastern oyster (*Crassostrea virginica*).

Proapoptotic, antimigratory, antiproliferative, and antiangiogenic effects of commercial C-reactive protein on various human endothelial cell types in vitro: implications of contaminating presence of sodium azide in commercial preparation.

Linear artificial molecular muscles.

Protein carbonyls: novel biomarkers of exposure to oxidative stress-inducing pesticides in freshwater fish *Channa punctata* (Bloch).

Human cordonal stem cell intraperitoneal injection can represent a rescue therapy after an acute hepatic damage in immunocompetent rats.

Improvement of mortality rate and decrease in histologic hepatic injury after human cord blood stem cell infusion in a murine model of hepatotoxicity.

Concentrations of persistent organochlorine contaminants in bowhead whale tissues and other biota from northern Alaska: implications for human exposure from a subsistence diet.

Mechanisms underlying the relaxation response induced by bradykinin in the epithelium-intact guinea-pig trachea in vitro.

EGF receptor-dependent JNK activation is involved in arsenite-induced p21Cip1/Waf1 upregulation and endothelial apoptosis.

Differential effects of maurocalcine on Ca²⁺ release events and depolarization-induced Ca²⁺ release in rat skeletal muscle.

Characterization of a rice class II metallothionein gene: tissue expression patterns and induction in response to abiotic factors.

Glutathione conjugates of 4-hydroxy-2(E)-nonenal as biomarkers of hepatic oxidative stress-induced lipid peroxidation in rats.

Effects of epidermal growth factor (EGF), transforming growth factor-alpha (TGFalpha), and 2,3,7,8-tetrachlorodibenzo-p-dioxin on fusion of embryonic palates in serum-free organ culture using wild-type, EGF knockout, and TGFalpha knockout mouse strains.

Possible involvement of abscisic acid in the induction of secondary somatic embryogenesis on seed-coat-derived carrot somatic embryos.

Role of adenosine A1 and A3 receptors in regulation of cardiomyocyte homeostasis after mitochondrial respiratory chain injury.

Tissue distribution, elimination, and metabolism of dietary sodium [³⁶Cl]chlorate in beef cattle.

Hepatic CYP1A induction by dioxin-like compounds, and congener-specific metabolism and sequestration in wild common cormorants from Lake Biwa, Japan.

Energy substrate requirements for survival of rat retinal cells in culture: the importance of glucose and monocarboxylates.

Oxidative stress mediates sodium arsenite-induced expression of heme oxygenase-1, monocyte chemoattractant protein-1, and interleukin-6 in vascular smooth muscle cells.

Adenosine 5'-monophosphate-activated protein kinase and p38 mitogen-activated protein kinase participate in the stimulation of glucose uptake by dinitrophenol in adult cardiomyocytes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced impairment of glucose-stimulated insulin secretion in isolated rat pancreatic islets.

A methodology for deriving tissue residue benchmarks for aquatic biota: a case study for fish exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin and equivalents.

Interleukin-1 β attenuates beta-very low-density lipoprotein uptake and its receptor expression in vascular smooth muscle cells.

Type-3 ryanodine receptors mediate hypoxia-, but not neurotransmitter-induced calcium release and contraction in pulmonary artery smooth muscle cells.

Dioxin concentration in milk and tissues of cows and sheep related to feed and soil contamination.

Dioxin residues in the edible tissue of finishing pigs after dioxin feeding.

Platelets can neutralize hydrogen peroxide in an acute toxicity model with cells involved in granulation tissue formation.

Speciation of arsenic compounds in fish and oyster tissues by capillary electrophoresis-inductively coupled plasma-mass spectrometry.

Plant regeneration from callus cultures derived from mature zygotic embryos in white pine (*Pinus strobus* L.).

Effects of elastase on the mechanical and failure properties of engineered elastin-rich matrices.

C-reactive protein does not relax vascular smooth muscle: effects mediated by sodium azide in commercially available preparations.

The effects of gestational arsenic exposure and dietary selenium deficiency on selenium and selenoenzymes in maternal and fetal tissues in mice.

Development of a method for dioxin analysis of small serum samples with reduced risk of volatilization.

[In vitro regeneration and callogenesis in tissue culture of floral organs of the genus *Iris* (Iridaceae)].

Proteomic characterization of rat liver exposed to 2,3,7,8-tetrachlorobenzo-p-dioxin.

Inhibition of cyclooxygenase activity, platelet aggregation and thromboxane B₂ production by two environmental toxicants: m- and o-cresol.

Human cytochrome p450 2s1: lack of activity in the metabolic activation of several cigarette smoke carcinogens and in the metabolism of nicotine.

Glutathione reductase inhibition and methylated arsenic distribution in Cd1 mice brain and liver.

A novel spermatogenesis related factor-2 (SRF-2) gene expression affected by TCDD treatment.

Effects of TCDD and estradiol-17beta on the proliferation and Na⁺/glucose cotransporter in renal proximal tubule cells.

Bacterial cellulose as a potential scaffold for tissue engineering of cartilage.

A practical note on the use of cytotoxicity assays.

Protein oxidative damage in arsenic induced rat brain: influence of DL-alpha-lipoic acid.

A dioxin sensitive gene, mammalian WAPL, is implicated in spermatogenesis.

Maternal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin and the body burden in offspring of long-evans rats.

Effects of N-acetylcysteine, quercetin, and phytic acid on spontaneous hepatic and renal lesions in LEC rats.

Tissue repair: an important determinant of final outcome of toxicant-induced injury.

Local prevention of oxidative stress in the intestinal epithelium of the rat by adhesive liposomes of superoxide dismutase and tempamine.

In vitro and ex vivo intestinal tissue models to measure mucoadhesion of poly (methacrylate) and N-trimethylated chitosan polymers.

Differential effects of transforming growth factor-beta on the synthesis of connective tissue growth factor and vascular endothelial growth factor by peritoneal mesothelial cell.

Synthesis and characterization of EADAM: a selective radioligand for mapping the brain serotonin transporters by positron emission tomography.

Exposure and effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in tree swallows (*Tachycineta bicolor*) nesting along the Woonasquatucket River, Rhode Island, USA.

Hepatocyte-targeted nuclear imaging using ^{99m}Tc-galactosylated chitosan: conjugation, targeting, and biodistribution.

The transcriptional response to a peroxisome proliferator-activated receptor alpha agonist includes increased expression of proteome maintenance genes.

Cigarette suppresses the expression of P4Halpa and vascular collagen production.

G209A mutant alpha synuclein expression specifically enhances dopamine induced oxidative damage.

Effects of long-term exposure of the red swamp crawfish *Procambarus clarkii* to a mixture of two herbicides, 2,4-dichlorophenoxyacetic acid and monosodium methanearsonate, and associated human health risks.

Overexpression of metallothionein protects cultured motor neurons against oxidative stress, but not mutant Cu/Zn-superoxide dismutase toxicity.

Nutritional assessment and fate of DNA of soybean meal from roundup ready or conventional soybeans using rats.

[Effect of 2,4-D isooctylester on sperms in tail of epididymis and HSP70 expression of testis tissue in rats].

Chymase is activated in the pulmonary inflammation and fibrosis induced by paraquat in hamsters.

Effects of endocrine disrupting chemicals on the expression of CYP19 genes in zebrafish (*Danio rerio*) juveniles.

Comparative inter-species pharmacokinetics of phenoxyacetic acid herbicides and related organic acids. evidence that the dog is not a relevant species for evaluation of human health risk.

Establishment of an enhancer trap system with Ds and GUS for functional genomics in rice.

Comparison of anti-androgenic activity of flutamide, vinclozolin, procymidone, linuron, and p, p'-DDE in rodent 10-day Hershberger assay.

Detection of acrolein-lysine adducts in plasma low-density lipoprotein and in aorta of cyclophosphamide-administered rats.

Acrolein induces axolemmal disruption, oxidative stress, and mitochondrial impairment in spinal cord tissue.

Results of a 13 week safety assurance study with rats fed grain from glyphosate tolerant corn.

Pentachlorophenol (PCP) bioaccumulation and effect on heat production on salmon eggs at different stages of development.

Novel 3,3a,5,9b-tetrahydro-2H-furo[3,2-c][2] benzopyran derivatives: synthesis of chiral glycol benzyl ether herbicides.

Paraquat and sustainable agriculture.

Effects of atrazine on sex steroid dynamics, plasma vitellogenin concentration and gonad development in adult goldfish (*Carassius auratus*).

The effect of estradiol on the oxidative damage and trace element level determined in the liver of rats treated with dimethylarsinic acid.

Overexpression of the small mitochondrial Hsp22 extends *Drosophila* life span and increases resistance to oxidative stress.

Catalase transgenic mice: characterization and sensitivity to oxidative stress.

Exposure of cardiac fibroblasts to the herbicide nitrofen causes altered interactions with the extracellular matrix.

Oocyte maturation in *Xenopus laevis* is blocked by the hormonal herbicide, 2,4-dichlorophenoxy acetic acid.

Carbonyl stress and detoxification ability in the male genital tract and testis of rats.

Physiologically based pharmacokinetic modeling of arsenic in the mouse.

The effect of atrazine on Atlantic salmon (*Salmo salar*) smolts in fresh water and after sea water transfer.

alpha-Synuclein selectively increases manganese-induced viability loss in SK-N-MC neuroblastoma cells expressing the human dopamine transporter.

Multiple medical problems following agent orange exposure.

Poisoning due to chlorophenoxy herbicides.

Genotoxicity evaluation of pesticide formulations containing alachlor and atrazine in multiple mouse tissues (blood, kidney, liver, bone marrow, spleen) by comet assay.

Tissue-specific oxidative stress responses in fish exposed to 2,4-D and azinphosmethyl.

Anandamide-evoked activation of vanilloid receptor 1 contributes to the development of bladder hyperreflexia and nociceptive transmission to spinal dorsal horn neurons in cystitis.

A mixture of the "antiandrogens" linuron and butyl benzyl phthalate alters sexual differentiation of the male rat in a cumulative fashion.

Doxycycline-regulated over-expression of hsp22 has negative effects on stress resistance and life span in adult *Drosophila melanogaster*.

The effect of macromolecular crowding on protein aggregation and amyloid fibril formation.

Vanin-1^{-/-} mice exhibit a glutathione-mediated tissue resistance to oxidative stress.

Possible mechanism for medial smooth muscle cell injury in diabetic nephropathy: glycooxidation-mediated local complement activation.

Albumin-bound polyacrolein: implications for Alzheimer's disease.

A balanced technique for preparation of specimens from pathogenicity studies for scanning electron microscopy.

Multiple deficiencies in antioxidant enzymes in mice result in a compound increase in sensitivity to oxidative stress.

Activities of UDP-glucuronyltransferase, beta-glucuronidase and deiodinase types I and II in hyper- and hypothyroid rats.

Alpha-synuclein up-regulation and aggregation during MPP⁺-induced apoptosis in neuroblastoma cells: intermediacy of transferrin receptor iron and hydrogen peroxide.

Decreasing glutamate buffering capacity triggers oxidative stress and neuropil degeneration in the *Drosophila* brain.

Inducible superoxide dismutase 1 aggregation in transgenic amyotrophic lateral sclerosis mouse fibroblasts.

Transgenic mice overexpressing glutathione peroxidase 4 are protected against oxidative stress-induced apoptosis.

Metabolism of metamitron in goat following a single oral administration of a nontoxic dose level: a continued study.

Time course of respiratory mechanics and pulmonary structural remodelling in acute lung injury.

Hydrophobic metabolites of 2,4-dichlorophenoxyacetic acid (2,4-D) in cultured coconut tissue.

Evaluation of haemoglobin (erythrogen): for improved somatic embryogenesis and plant regeneration in cotton (*Gossypium hirsutum* L. cv. SVPR 2).

Changes in DNA methylation during somatic embryogenesis in *Cucurbita pepo* L.

Early differential gene expression of rat lung after exposure to paraquat.

Distinct roles of c-Abl and Atm in oxidative stress response are mediated by protein kinase C delta.

Internal recycling of respiratory CO₂ in pods of chickpea (*Cicer arietinum* L.): the role of pod wall, seed coat, and embryo.

Identification and functional assessment of the novel murine organic anion transporter Oat5 (Slc22a19) expressed in kidney.

Interaction of xenobiotics with estrogen receptors alpha and beta and a putative plasma sex hormone-binding globulin from channel catfish (*Ictalurus punctatus*).

[Induction of embryogenic calli from caryopses of common bermudagrass and ultrastructure of embryogenic cells as well as plant regeneration].

Proteasome mediates dopaminergic neuronal degeneration, and its inhibition causes alpha-synuclein inclusions.

[Cultivation of *Iris ensata* Thunb. callus tissue].

An endogenous metabolite of dopamine, 3,4-dihydroxyphenylethanol, acts as a unique cytoprotective agent against oxidative stress-induced injury.

Length of time in tissue culture can affect the selected glyphosate resistance mechanism.

Absorption, distribution, metabolism and excretion of 4-chloro-2-methylphenoxyacetic acid (MCPA) in rats.

Recruitment of thyroid hormone receptor/retinoblastoma-interacting protein 230 by the aryl hydrocarbon receptor nuclear translocator is required for the transcriptional response to both dioxin and hypoxia.

Determination of uric acid in human saliva by capillary electrophoresis with electrochemical detection: potential application in fast diagnosis of gout.

2,3,7,8-TCDD effects on visual structure and function in swim-up rainbow trout.

Impairment of small intestinal protein assimilation in patients with end-stage renal disease: extending the malnutrition-inflammation-atherosclerosis concept.

Biosynthesis of FVIII in megakaryocytic cells: improved production and biochemical characterization.

Effects of polybrominated diphenyl ethers on basal and TCDD-induced ethoxyresorufin activity and cytochrome P450-1A1 expression in MCF-7, HepG2, and H4IIE cells.

Arsenic exposure exacerbates atherosclerotic plaque formation and increases nitrotyrosine and leukotriene biosynthesis.

Review of clinical and toxicological features of acute pesticide poisonings in Crete (Greece) during the period 1991-2001.

Pathogenesis of collagen-induced arthritis: modulation of disease by arthritogenic T-cell epitope location.

Evaluation of relative potencies of PCB126 and PCB169 for the immunotoxicities in ovalbumin (OVA)-immunized mice.

Effects of TGF-beta, TNF-alpha, IL-beta and IL-6 alone or in combination, and tyrosine kinase inhibitor on cyclooxygenase expression, prostaglandin E2 production and bone resorption in mouse calvarial bone cells.

Oral and dermal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces cutaneous papillomas and squamous cell carcinomas in female hemizygous Tg.AC transgenic mice.

Effect of ryanodine receptor mutations on interleukin-6 release and intracellular calcium homeostasis in human myotubes from malignant hyperthermia-susceptible individuals and patients affected by central core disease.

Heparanase uptake is mediated by cell membrane heparan sulfate proteoglycans.

Classic toxin-induced animal models of Parkinson's disease: 6-OHDA and MPTP.

Women and omega-3 Fatty acids.

Chemical constituents of Morinda citrifolia fruits inhibit copper-induced low-density lipoprotein oxidation.

Pilot study to reduce dioxins in the human body.

Response of soluble transferrin receptor and iron-related parameters to iron supplementation in elite, iron-depleted, nonanemic female athletes.

Role of estrogen receptor in regulation of polycyclic aromatic hydrocarbon metabolic activation in lung.

A HECT E3 ubiquitin-protein ligase with sequence similarity to E6AP does not target p53 for degradation in the softshell clam (*Mya arenaria*).

Histomorphometric alteration and cell-type specific modulation of arylhydrocarbon receptor and estrogen receptor expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin and 17beta-estradiol in mouse experimental model of endometriosis.

The accumulation and toxicity of methylated arsenicals in endothelial cells: important roles of thiol compounds.

Arsenic and urinary bladder cell proliferation.

Animal models for arsenic carcinogenesis: inorganic arsenic is a transplacental carcinogen in mice.

Mechanism of hepatic insulin resistance in non-alcoholic fatty liver disease.

A maternal Ahr null genotype sensitizes embryos to chemical teratogenesis.

In utero effects of chemicals on reproductive tissues in females.

Dioxin alters the human low-density and very low-density lipoprotein structure with evidence for specific quenching of Trp-48 in apolipoprotein C-II.

[Bronchial impairment of main bronchus by aspiration of ferrous sulphate tablet].

Aryl hydrocarbon receptor (AhR)-independent effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on softshell clam (*Mya arenaria*) reproductive tissue.

[Toxicological significance of metallothionein on environmental harmful factors: verification and suggestions from a metallothionein-I/II null mouse model study].

4-chloro-m-cresol cannot detect malignant hyperthermia equivocal cells in an alternative minimally invasive diagnostic test of malignant hyperthermia susceptibility.

Neuromuscular electric stimulation enhances endothelial vascular control and hemodynamic function in paretic upper extremities of patients with stroke.

Associations between organochlorine contaminant concentrations and clinical health parameters in loggerhead sea turtles from North Carolina, USA.

The relationship of diaphragmatic defect, liver growth, and lung hypoplasia in nitrofen-induced congenital diaphragmatic hernia in the rat.

Human muscle sarcoplasmic reticulum function during submaximal exercise in normoxia and hypoxia.

P-cresol, a uremic retention solute, alters the endothelial barrier function in vitro.

Functional characterization of malignant hyperthermia-associated RyR1 mutations in exon 44, using the human myotube model.

Antioxidant capacity of cultured mammalian cells estimated by ESR method.

Expression of hypothalamic neuropeptides after acute TCDD treatment and distribution of Ah receptor repressor.

[Dioxin emissions and soft-tissue sarcoma: results of a population-based case-control study].

Branch retinal artery occlusion: a complication of iron-deficiency anemia in a young adult with a rectal carcinoid.

VEGF expression is downregulated in nitrofen-induced congenital diaphragmatic hernia.

Exocrine pancreatic pathology in female Harlan Sprague-Dawley rats after chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like compounds.

Environmental contaminant-mixture effects on CNS development, plasticity, and behavior.

Minocycline up-regulates Bcl-2 and protects against cell death in mitochondria.

Hypothermia and localized cold injuries.

Cyp1a1(-/-) male mice: protection against high-dose TCDD-induced lethality and wasting syndrome, and resistance to intrahepatocyte lipid accumulation and uroporphyrinuria.

Ischemia/reperfusion induces the recruitment of leukocytes from whole blood under flow conditions.

Drosophila parkin mutants have decreased mass and cell size and increased sensitivity to oxygen radical stress.

Nitric oxide donor increases osteoprotegerin production and osteoclastogenesis inhibitory activity in bone marrow stromal cells from ovariectomized rats.

Arsenic-induced enhancement of ultraviolet radiation carcinogenesis in mouse skin: a dose-response study.

Identification of aryl hydrocarbon receptor as a putative Wnt/beta-catenin pathway target gene in prostate cancer cells.

Treating obesity: pharmacology of energy expenditure.

Testosterone-stimulated weanlings as an alternative to castrated male rats in the Hershberger anti-androgen assay.

Persistent suppression of contact hypersensitivity, and altered T-cell parameters in F344 rats exposed perinatally to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Role of lipid-mobilising factor (LMF) in protecting tumour cells from oxidative damage.

Decreased expression of voltage-gated K⁺ channels in pulmonary artery smooth muscle cells in nitrofen-induced congenital diaphragmatic hernia in rats.

Assessment of human health risk of dioxin in Korea.

Histological and lipid peroxidation changes after administration of 2-acetylaminofluorene in a rat liver injury model following selective periportal and pericentral damage.

Tissue-specific effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the activity of 5'-deiodinases I and II in rats.

Soft-tissue sarcoma and dioxin: A case-control study.

[Study on a new antarthritic injection--O-carboxymethyl chitosan].

Sleep deprivation and cellular responses to oxidative stress.

[Is a presymptomatic malignant hyperthermia in-vitro diagnosis with 4-chloro-3-ethyl phenol possible? A study using porcine skeletal preparations].

The expression of DJ-1 (PARK7) in normal human CNS and idiopathic Parkinson's disease.

Sodium-azide versus ProClin 300: influence on the morphology of UHMWPE particles generated in laboratory tests.

Mitochondrial coupling in vivo in mouse skeletal muscle.

Protein kinase C delta is activated in mouse ovarian surface epithelial cancer cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

A comparison of human H295R and rat R2C cell lines as in vitro screening tools for effects on aromatase.

Liquid growth hormone: preservatives and buffers.

Activation of inflammatory mediators and potential role of ah-receptor ligands in foam cell formation.

Antibodies against the CB10 fragment of type II collagen in rheumatoid arthritis.

[Activity of the anthelmintic agent trichlorophen on the models of human helminthiasis].

Immunohistochemical detection of activated caspases in apoptotic hepatocytes in rat liver.

Effect of epidermal growth factor on pulmonary hypoplasia in experimental diaphragmatic hernia.

Nitrofen-induced congenital diaphragmatic hernia in rat embryo: what model?

Induction of tumors of the liver, lung, ovary and adrenal in adult mice after brief maternal gestational exposure to inorganic arsenic: promotional effects of postnatal phorbol ester exposure on hepatic and pulmonary, but not dermal cancers.

Mutational analysis of putative calcium binding motifs within the skeletal ryanodine receptor isoform, RyR1.

Comparison of risk assessment methodologies for exposure of mink to PCBs on the Kalamazoo River, Michigan.

A tracer study with systemically and locally administered dinitrophenylated osteopontin.

In vitro culture of Arabidopsis embryos within their ovules.

Human bronchial smooth muscle cell proliferation via thromboxane A2 receptor.

Bisquaternary caracurine V and iso-caracurine V salts as ligands for the muscle type of nicotinic acetylcholine receptors: SAR and QSAR studies.

A plant type 2 metallothionein (MT) from cork tissue responds to oxidative stress.

Liver regeneration: a critical toxicodynamic response in predictive toxicology.

Functional characterization of the carrier-mediated transport system for glycerol in everted sacs of the rat small intestine.

Hair analysis of histamine after fluorescence labeling by column-switching reversed-phase liquid chromatography with electrospray ionization mass spectrometry and application to human hair.

Contraction augments L-type Ca^{2+} currents in adherent guinea-pig cardiomyocytes.

Molecular cloning of the monodehydroascorbate reductase gene from *Brassica campestris* and analysis of its mRNA level in response to oxidative stress.

Health risk assessment of PCDD/F emissions from a hazardous and medical waste incinerator in Turkey.

Matrix metalloproteinase-1 and tissue inhibitor of metalloproteinase-1 production in human gingival fibroblasts: the role of protein kinase C.

C-reactive protein-induced in vitro vasorelaxation is an artefact caused by the presence of sodium azide in commercial preparations.

The use of potassium dichromate and ethyl alcohol as blood preservatives for analysis of organochlorine contaminants.

Developmental toxicity of the dithiocarbamate pesticide sodium metam in zebrafish.

Prolonged exercise to fatigue in humans impairs skeletal muscle Na^{+} - K^{+} -ATPase activity, sarcoplasmic reticulum Ca^{2+} release, and Ca^{2+} uptake.

Hydroxylated and methyl sulfone PCB metabolites in adipose and whole blood of polar bear (*Ursus maritimus*) from East Greenland.

Disruption of cell-cell contact maximally but transiently activates AhR-mediated transcription in 10T1/2 fibroblasts.

Dioxin health risk to infants using simulated tissue concentrations.

Air bags and the skin.

The sphingomyelin/ceramide pathway is involved in ERK1/2 phosphorylation, cell proliferation, and uPAR overexpression induced by tissue-type plasminogen activator.

Identification of the growth hormone-releasing peptide binding site in CD36: a photoaffinity cross-linking study.

Effects of beta-naphthoflavone, phenobarbital and dichlobenil on the drug-metabolizing system of liver and nasal mucosa of Italian water frogs.

Different effects of calcium channel blockers on matrix metalloproteinase-2 expression in cultured rat cardiac fibroblasts.

Exponential modeling, washout curve reconstruction, and estimation of half-life of toluene and its metabolites.

Levels and toxicokinetic behaviors of PCDD, PCDF, and coplanar PCB congeners in common cormorants from Lake Biwa, Japan.

Sequential activation of RhoA and FAK/paxillin leads to ATP release and actin reorganization in human endothelium.

Toxicokinetics of PCDD, PCDF, and coplanar PCB congeners in Baikal seals, *Pusa sibirica*: age-related accumulation, maternal transfer, and hepatic sequestration.

Transport of deslorelin, an LHRH agonist, is vectorial and exhibits regional variation in excised bovine nasal tissue.

A semidominant mutation in an Arabidopsis mitogen-activated protein kinase phosphatase-like gene compromises cortical microtubule organization.

Biochemical and molecular biological analysis of different responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin in chick embryo heart and liver.

The human CYP1A1 gene is regulated in a developmental and tissue-specific fashion in transgenic mice.

Ecological risk assessment of persistent toxic substances for the clam *Tapes philipinarum* in the Lagoon of Venice, Italy.

Reduction of DNA fragmentation and hydroxyl radical production by hyaluronic acid and chondroitin-4-sulphate in iron plus ascorbate-induced oxidative stress in fibroblast cultures.

Effect of TCDD on corpus cavernosum histology and smooth muscle physiology.

Platelet-derived growth factor-induced arachidonic acid release for enhancement of prostaglandin E(2) synthesis in human gingival fibroblasts pretreated with interleukin-1beta.

[Indices of oxidative stress. 1. TBA-reactive substances and carbonylproteins].

[Effect of zenkor on the amount of glucose and activity of gluconeogenesis enzymes in carp's (*Cyprinus carpio* L.) tissues at different temperatures].

Evaluation of 5-(11)C-methyl-A-85380 as an imaging agent for PET investigations of brain nicotinic acetylcholine receptors.

Epidermal growth factor inhibits 14C-alpha-methyl-D-glucopyranoside uptake in renal proximal tubule cells: involvement of PLC/PKC, p44/42 MAPK, and cPLA2.

Versican V1 isoform induces neuronal differentiation and promotes neurite outgrowth.

Use of genetically manipulated *Salmonella typhimurium* strains to evaluate the role of sulfotransferases and acetyltransferases in nitrofen mutagenicity.

cDNA cloning and functional characterization of a novel splice variant of c-Cbl-associated protein from mouse skeletal muscle.

Static magnetic fields-induced bone sialoprotein (BSP) expression is mediated through FGF2 response element and pituitary-specific transcription factor-1 motif.

Glutathione-S-transferase A4-4 modulates oxidative stress in endothelium: possible role in human atherosclerosis.

Enzyme-linked immunosorbent assay for monitoring toxic dioxin congeners in milk based on a newly generated monoclonal anti-dioxin antibody.

Src and Cas are essentially but differentially involved in angiotensin II-stimulated migration of vascular smooth muscle cells via extracellular signal-regulated kinase 1/2 and c-Jun NH2-terminal kinase activation.

Modulation of intestinal P-glycoprotein function by cremophor EL and other surfactants by an in vitro diffusion chamber method using the isolated rat intestinal membranes.

Effects of chronic exposure of 2,4-dichlorophenol on the antioxidant system in liver of freshwater fish *Carassius auratus*.

A novel effect of dioxin: exposure during pregnancy severely impairs mammary gland differentiation.

Connective tissue growth factor (CCN2) induces adhesion of rat activated hepatic stellate cells by binding of its C-terminal domain to integrin $\alpha(v)\beta(3)$ and heparan sulfate proteoglycan.

Quantitative analysis of cresol and its metabolites in biological materials and distribution in rats after oral administration.

Nucleotidase activities in membrane preparations of nervous ganglia and digestive gland of the snail *Helix aspersa*.

Polycyclic aromatic hydrocarbon increases mRNA level for interleukin 1 beta in human fibroblast-like synoviocyte line via aryl hydrocarbon receptor.

Overexpression of latent transforming growth factor-beta binding protein 1 (LTBP-1) in dioxin receptor-null mouse embryo fibroblasts.

Spatial variation in hepatic levels and patterns of PCBs and PCDD/Fs among young-of-the-year and adult Atlantic tomcod (*Microgadus tomcod*) in the Hudson River estuary.

Impact of mitochondrial inhibition on excitability and cytosolic Ca^{2+} levels in brainstem motoneurons from mouse.

Risk factors for dopaminergic neuron loss in human alpha-synuclein transgenic mice.

2,3,7,8-tetrachlorodibenzo-p-dioxin reduces myocardial hypoxia and vascular endothelial growth factor expression during chick embryo development.

Physiological role of mGSTA4-4, a glutathione S-transferase metabolizing 4-hydroxynonenal: generation and analysis of mGsta4 null mouse.

The AHR-1 aryl hydrocarbon receptor and its co-factor the AHA-1 aryl hydrocarbon receptor nuclear translocator specify GABAergic neuron cell fate in *C. elegans*.

The calmodulin binding region of the skeletal ryanodine receptor acts as a self-modulatory domain.

DNA adduct formation in precision-cut rat liver and lung slices exposed to benzo[a]pyrene.

Genioglossal hypoglossal motoneurons contact substance P-like immunoreactive nerve terminals in the cat: a dual labeling electron microscopic study.

Potential of carbon tetrachloride hepatotoxicity and lethality in type 2 diabetic rats.

p38gamma MAPK regulation of glucose transporter expression and glucose uptake in L6 myotubes and mouse skeletal muscle.

Stable transformation of rice (*Oryza sativa* L.) via microprojectile bombardment of highly regenerative, green tissues derived from mature seed.

Ultraviolet A-induced production of matrix metalloproteinase-1 is mediated by macrophage migration inhibitory factor (MIF) in human dermal fibroblasts.

Histological analysis of acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in zebrafish.

Effects of dioxin on gene expression in female reproductive system in the rat.

[Possible role of ammonium as a paracrine regulator in the uterine tissue].

Gene expression profiles of mouse aorta and cultured vascular smooth muscle cells differ widely, yet show common responses to dioxin exposure.

Development and testing of a novel biosynthesized XCell for treating chronic wounds.

Toxicity, histopathological alterations and immunohistochemical CYP1A induction in the early life stages of the seabream, *Sparus aurata*, following waterborne exposure to B(a)P and TCDD.

A comparison of callus induction and plant regeneration from different embryo explants of triticale (*x Triticosecale wittmackii*).

Xenoestrogen modulation of the immune system: effects of dichlorodiphenyltrichloroethane (DDT) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Different global gene expression profiles in benzo[a]pyrene- and dioxin-treated vascular smooth muscle cells of AHR-knockout and wild-type mice.

Vascular permeability alterations induced by arsenic.

Expression of genes in the TGF-beta signaling pathway is significantly deregulated in smooth muscle cells from aorta of aryl hydrocarbon receptor knockout mice.

Menstrual effluent induces epithelial-mesenchymal transitions in mesothelial cells.

Characteristics and a functional implication of Ca(2+)-activated K(+) current in mouse aortic endothelial cells.

Induction of murine NAD(P)H:quinone oxidoreductase by 2,3,7,8-tetrachlorodibenzo-p-dioxin requires the CNC (cap 'n' collar) basic leucine zipper transcription factor Nrf2 (nuclear factor erythroid 2-related factor 2): cross-interaction between AhR (aryl hydrocarbon receptor) and Nrf2 signal transduction.

Biophysical properties and metabolic regulation of a TASK-like potassium channel in rat carotid body type 1 cells.

Urokinase receptor mRNA stability involves tyrosine phosphorylation in lung epithelial cells.

'Proximal-type' epithelioid sarcoma: is Agent Orange still at large?

Changes in mitochondrial electron partitioning in response to herbicides inhibiting branched-chain amino acid biosynthesis in soybean.

Eel ATPase activity as biomarker of thiobencarb exposure.

Bioaccumulation and toxicity of sediment associated herbicides (ioxynil, pendimethalin, and bentazone) in *Lumbriculus variegatus* (Oligochaeta) and *Chironomus riparius* (Insecta).

Pubertal development in female Wistar rats following exposure to propazine and atrazine biotransformation by-products, diamino-S-chlorotriazine and hydroxyatrazine.

Developmental and subcellular effects of chronic exposure to sub-lethal concentrations of ammonia, PAH and PCP mixtures in brown trout (*Salmo trutta* f. *fario* L.) early life stages.

Assessing the impact of triazine herbicides on organophosphate insecticide toxicity to the earthworm *Eisenia fetida*.

Comparative effects of cadmium, copper, paraquat and benzo[a]pyrene on the actin cytoskeleton and production of reactive oxygen species (ROS) in mussel haemocytes.

Iron, zinc and copper levels in brain, serum and liver of neonates exposed to 2,4-dichlorophenoxyacetic acid.

The environment and Parkinson's disease: is the nigrostriatal system preferentially targeted by neurotoxins?

Exposure to animals and selected risk factors among Canadian farm residents with Hodgkin's disease, multiple myeloma, or soft tissue sarcoma.

Food as a source of dioxin exposure in the residents of Bien Hoa City, Vietnam.

Aquatic toxicity of glyphosate-based formulations: comparison between different organisms and the effects of environmental factors.

Birth malformations and other adverse perinatal outcomes in four U.S. Wheat-producing states.

Altered gene expression during rat Wolffian duct development in response to in utero exposure to the antiandrogen linuron.

[Ginkgo biloba extract protection in acute paraquat poisoning of rat lung tissue].

Consecutive administration of paraquat to rats induces enhanced cholesterol peroxidation and lung injury.

The teratogenic potential of the herbicide glyphosate-Roundup in Wistar rats.

Toxicokinetics, toxicity and lethal body residues of two chlorophenols in the oligochaete worm, *Lumbriculus variegatus*, in different sediments.

The restriction of all minerals in the diet enhancing paraquat toxicity is regarded primarily as the shortage of Mg.

Environmental fate and impacts of sulfometuron on watersheds in the southern United States.

Fatal acute poisoning by bentazon.

Response of larval *Xenopus laevis* to atrazine: assessment of growth, metamorphosis, and gonadal and laryngeal morphology.

Lung function and airway inflammation in rats following exposure to combustion products of carbon-graphite/epoxy composite material: comparison to a rodent model of acute lung injury.

Paraquat and menadione exposure of rainbow trout (*Oncorhynchus mykiss*)--studies of effects on the pentose-phosphate shunt and thiamine levels in liver and kidney.

Paraquat and iron exposure as possible synergistic environmental risk factors in Parkinson's disease.

[Comparative analysis of disorders in duodenal lymphoid tissue of mice treated with azathioprine and herbicide 2,4-dichlorophenoxyacetic acid and their correction by plant and animal origin remedies].

Focal transmural necrotic tracheitis in commercial meat turkeys.

Acute and chronic effects of alcohol exposure on skeletal muscle c-myc, p53, and Bcl-2 mRNA expression.

Alpha-tocopherol content and alpha-tocopherol transfer protein expression in leukocytes of children with acute leukemia.

Effects of dietary essential oil components on growth performance, digestive enzymes and lipid metabolism in female broiler chickens.

Oxidative stress and bioindicators of reproductive function in pulp and paper mill effluent exposed white sucker.

Paraquat induces long-lasting dopamine overflow through the excitotoxic pathway in the striatum of freely moving rats.

Arsenic methylation and bladder cancer risk in Taiwan.

Alpha-synuclein overexpression protects against paraquat-induced neurodegeneration.

Endothelium dysfunction in LDL receptor knockout mice: a role for H₂O₂.

Acrolein produced from polyamines as one of the uraemic toxins.

Comparison of broiler performance when fed diets containing grain from roundup ready (NK603), yieldgard x roundup ready (MON810 x NK603), non-transgenic control, or commercial corn.

The selenoprotein GPX4 is essential for mouse development and protects from radiation and oxidative damage insults.

Diabetes mellitus and 2,3,7,8-tetrachlorodibenzo-p-dioxin elimination in veterans of Operation Ranch Hand.

Chondroitin sulfate proteoglycans are required for lung growth and morphogenesis in vitro.

Antioxidant perturbations in the olfactory mucosa of alachlor-treated rats.

Cyclohexanedione herbicides are inhibitors of rat heart acetyl-CoA carboxylase.

Expression of senescence-enhanced genes in response to oxidative stress.

Toxicokinetics, recovery, and metabolism of metamitron in goat.

Accumulation and metabolism of arsenic in mice after repeated oral administration of arsenate.

Tissue-specific expression and localization of safener-induced glutathione S-transferase proteins in *Triticum tauschii*.

Structural requisites of 2-(p-chlorophenoxy)propionic acid analogues for activity on native rat skeletal muscle chloride conductance and on heterologously expressed CLC-1.

SKN-1 links *C. elegans* mesendodermal specification to a conserved oxidative stress response.

[Effect of aminotriazole on the activity of catalase and glucose-6-phosphate dehydrogenase in tissues of two frog species--*Rana ridibunda* and *Rana esculenta*].

Different sensitivity of Ca²⁺-ATPase and cholinesterase to pure and commercial pesticides in nervous ganglia of *Phyllocaulis soleiformis* (Mollusca).

Fatty acid profile in skeletal muscle of the rat in response to acute (2.5 hours) and prolonged (6 weeks) ethanol-dosage.

Fertile transgenic pearl millet [*Pennisetum glaucum* (L.) R. Br.] plants recovered through microprojectile bombardment and phosphinothricin selection of apical meristem-, inflorescence-, and immature embryo-derived embryogenic tissues.

Overexpression of oxidized protein hydrolase protects COS-7 cells from oxidative stress-induced inhibition of cell growth and survival.

Change in the concentration of vitamins C and E in rat tissues by paraquat administration.

Increased synaptosomal dopamine content and brain concentration of paraquat produced by selective dithiocarbamates.

Acute exposure to the nutritional toxin alcohol reduces brain protein synthesis in vivo.

Induction of cellular glutathione and glutathione S-transferase by 3H-1,2-dithiole-3-thione in rat aortic smooth muscle A10 cells: protection against acrolein-induced toxicity.

Dose-dependent biotransformation of arsenite in rats--not S-adenosylmethionine depletion impairs arsenic methylation at high dose.

FK506 attenuates 1-methyl-4-phenylpyridinium- and 3-nitropropionic acid-evoked inhibition of kynurenic acid synthesis in rat cortical slices.

Study of atrazine effects on Pacific oyster, *Crassostrea gigas*, haemocytes.

Effects of the new herbicide fentrazamide on the glucose utilization in neurons and erythrocytes in vitro.

Fish tolerance to organophosphate-induced oxidative stress is dependent on the glutathione metabolism and enhanced by N-acetylcysteine.

Downregulation of hippocampal NMDA receptor expression by prenatal exposure to dioxin.

[Antiostrogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the gene expression of insulin-like growth factors family in osteoblast cells].

Dioxin and cancer: a critical review.

Opposing effects of low and high-dose clozapine on survival of transgenic amyotrophic lateral sclerosis mice.

Connective molecular pathways of experimental bladder inflammation.

Pathophysiology of the optic neuropathy associated with Friedreich ataxia.

Arsenic exposure accelerates atherogenesis in apolipoprotein E(-/-) mice.

Unbalanced collagenases/TIMP-1 expression and epithelial apoptosis in experimental lung fibrosis.

Oxygen regulation and limitation to cellular respiration in mouse skeletal muscle in vivo.

Actin glutathionylation increases in fibroblasts of patients with Friedreich's ataxia: a potential role in the pathogenesis of the disease.

Systemic effects and skin injury after experimental dermal exposure to monochloroacetic acid.

Protein-bound uremic retention solutes.

Calcium release from sarcoplasmic reticulum is facilitated in human myotubes derived from carriers of the ryanodine receptor type 1 mutations Ile2182Phe and Gly2375Ala.

New insights into Parkinson's disease.

Tyrosine kinases inhibitors block Fas-mediated deleterious effects in normoxic and hypoxic ventricular myocytes.

Specific in vivo binding to the norepinephrine transporter demonstrated with the PET radioligand, (S,S)-[11C]MeNER.

Ryanodine receptor mutations associated with stress-induced ventricular tachycardia mediate increased calcium release in stimulated cardiomyocytes.

Effect of corticosteroid on lung parenchyma remodeling at an early phase of acute lung injury.

Mechanisms of TCDD-induced abnormalities and embryo lethality in white leghorn chickens.

Oxidative stress in liver and brain of the hatchling chicken (*Gallus domesticus*) following in ovo injection with TCDD.

The effect of ingestion of ferrous sulfate on the absorption of oral methotrexate in patients with rheumatoid arthritis.

Contribution of the Ah receptor to the phenolic antioxidant-mediated expression of human and rat UDP-glucuronosyltransferase UGT1A6 in Caco-2 and rat hepatoma 5L cells.

Medication-induced oesophageal disorders.

Risk of soft tissue sarcomas and residence in the neighbourhood of an incinerator of industrial wastes.

Cancer risk for chemical workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Pretreatment with periodate-oxidized adenosine enhances developmental toxicity of inorganic arsenic in mice.

Integration, expression and inheritance of transgenes in hexaploid oat (*Avena sativa* L.).

Effects of several dioxin-like compounds on estrogen metabolism in the malignant MCF-7 and nontumorigenic MCF-10A human mammary epithelial cell lines.

Evaluation of the potential impact of pharmacokinetic differences on tissue dosimetry in offspring during pregnancy and lactation.

Changes in thermal stability and microunfolded pattern of collagen helix resulting from the loss of alpha2(I) chain in osteogenesis imperfecta murine.

The reliability of long-term storage of direct immunofluorescent staining slides at room temperature.

The Ile2453Thr mutation in the ryanodine receptor gene 1 is associated with facilitated calcium release from sarcoplasmic reticulum by 4-chloro-m-cresol in human myotubes.

S-adenosyl-L-methionine is able to reverse micronucleus formation induced by sodium arsenite and other cytoskeleton disrupting agents in cultured human cells.

Lipophilic organic compounds in lake sediment and American coot (*Fulica americana*) tissues, both affected and unaffected by avian vacuolar myelinopathy.

Evaluation of iron bioavailability from bonito dark muscle using anemic rats.

Mice with targeted mutation of peroxiredoxin 6 develop normally but are susceptible to oxidative stress.

Short- and long-term morbidity and mortality in the population exposed to dioxin after the "Seveso accident".

Multicentre evaluation of in vitro contracture testing with bolus administration of 4-chloro-m-cresol for diagnosis of malignant hyperthermia susceptibility.

Role of elastin in pathologic calcification of xenograft heart valves.

Carbon-11 labelling of 8[[3-[4-(2-[(11)C]methoxyphenyl)piperazin-1-yl]-2-hydroxypropyl]oxy]thiochroman, a presynaptic 5-HT(1A) receptor agonist, and its in vivo evaluation in anaesthetised rat and in awake cat.

A mixture of dioxins, furans, and non-ortho PCBs based upon consensus toxic equivalency factors produces dioxin-like reproductive effects.

Markers of genetic susceptibility in human environmental hygiene and toxicology: the role of selected CYP, NAT and GST genes.

Intercellular signalling within vascular cells under high D-glucose involves free radical-triggered tyrosine kinase activation.

Expression and activity of matrix metallo proteinases 2 and 9 and their inhibitors in rat lungs during the perinatal period and in diaphragmatic hernia.

New approach to vital analysis of functional activity in ABC transporters (markers for multidrug resistance) in solid tumors by the method of flow cytometry.

Facioscapulohumeral muscular dystrophy (FSHD) myoblasts demonstrate increased susceptibility to oxidative stress.

Airway smooth muscle changes in the nitrofen-induced congenital diaphragmatic hernia rat model.

Effect of low dose mono-ortho 2,3',4,4',5 pentachlorobiphenyl on thyroid hormone status and EROD activity in rat offspring: consequences for risk assessment.

Dioxin residues in the edible tissue of broiler chicken.

Matrix metalloproteinase-9 and tissue inhibitor of metalloproteinase-1: expression in the lung of fetal rats with nitrofen-induced diaphragmatic hernia.

Evidence of oxidative stress in familial amyloidotic polyneuropathy type 1.

Invasion of interstitial matrix by a novel cell line from primary peritoneal carcinosarcoma, and by established ovarian carcinoma cell lines: role of cell-matrix adhesion molecules, proteinases, and E-cadherin expression.

123I-Interleukin-2: biochemical characterization and in vivo use for imaging autoimmune diseases.

Up-regulation of cDK5/p35 by oxidative stress in human neuroblastoma IMR-32 cells.

TCDD-dependent downregulation of gamma-catenin in rat liver epithelial cells (WB-F344).

Neurokinin 1 receptors and neprilysin modulation of mouse bladder gene regulation.

Effects of uremic ultrafiltrate on the regulation of the parathyroid cell cycle by calcitriol.

Influence of 5-aminolevulinic acid and red light on collagen metabolism of human dermal fibroblasts.

The Cu,Zn superoxide dismutase in neuroblastoma SK-N-BE cells is exported by a microvesicles dependent pathway.

Embryological origins and development of the rat diaphragm.

Iron bioavailability and weight gains to iron-deficient rats fed a commonly consumed Tunisian meal 'bean seeds ragout' with or without beef and with green or black tea decoction.

Increase in cardiovascular pathology in female Sprague-Dawley rats following chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3,3',4,4',5-pentachlorobiphenyl.

PPARalpha agonist-induced rodent tumors: modes of action and human relevance.

A framework for human relevance analysis of information on carcinogenic modes of action.

Axial skeletal and Hox expression domain alterations induced by retinoic acid, valproic acid, and bromoxynil during murine development.

Estrogens and organochlorine xenoestrogens and breast cancer risk.

Neocortical neurons cultured from mice with expanded CAG repeats in the huntingtin gene: unaltered vulnerability to excitotoxins and other insults.

Studies on type I collagen in skin fibroblasts cultured from twins with lethal osteogenesis imperfecta.

Rat breast microsomal biotransformation of ethanol to acetaldehyde but not to free radicals: its potential role in the association between alcohol drinking and breast tumor promotion.

Transplacental carcinogenicity of inorganic arsenic in the drinking water: induction of hepatic, ovarian, pulmonary, and adrenal tumors in mice.

Crosslinking of fibrinogen and fibronectin by free radicals: a possible initial step in adhesion formation in osteoarthritis of the temporomandibular joint.

EGF and TGF-alpha expression influence the developmental toxicity of TCDD: dose response and AhR phenotype in EGF, TGF-alpha, and EGF + TGF-alpha knockout mice.

Ryanodine receptor antibodies in myasthenia gravis: epitope mapping and effect on calcium release in vitro.

Calpain mediates progressive plasma membrane permeability and proteolysis of cytoskeleton-associated paxillin, talin, and vinculin during renal cell death.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) alters the endogenous metabolism of all-trans-retinoic acid in the rat.

Protein tyrosine phosphatase activity regulates endothelial cell-cell interactions, the paracellular pathway, and capillary tube stability.

Damage to developing mouse skeletal muscle myotubes in culture: protective effect of heat shock proteins.

Expression of aryl hydrocarbon receptor repressor in normal human tissues and inducibility by polycyclic aromatic hydrocarbons in human tumor-derived cell lines.

Oxidative stress-induced cell death of human oral neutrophils.

The use of toxic equivalency factor distributions in probabilistic risk assessments for dioxins, furans, and PCBs.

2,3,7,8-tetrachlorodibenzo-p-dioxin induces lecithin: retinol acyltransferase transcription in the rat kidney.

Effects of dioxin (2,3,7,8-TCDD) and PCDDs/PCDFs congeners mixture on steroidogenesis in human placenta tissue culture.

Bradykinin B2 receptor-mediated proliferation via activation of the Ras/Raf/MEK/MAPK pathway in rat vascular smooth muscle cells.

Expression of aryl hydrocarbon receptor and aryl hydrocarbon receptor nuclear translocator messenger ribonucleic acids and proteins in rat and human testis.

Endothelial contraction and monolayer hyperpermeability are regulated by Src kinase.

Relaxation of arterial smooth muscle by water-soluble derivatives of coenzyme Q (ubiquinone).

[The regulatory effect of human bone morphogenetic protein 7 gene transfer on the proliferation and differentiation of rabbit bone marrow mesenchymal stem cells].

Hepatic EROD activity is not a useful biomarker of polychlorinated biphenyl exposure in the adult herring gull (*Larus argentatus*).

Dynamics of endocytosis and exocytosis of poly(D,L-lactide-co-glycolide) nanoparticles in vascular smooth muscle cells.

Evidence for the primary role for 4-aminopyridine-sensitive K(v) channels in beta(3)-adrenoceptor-mediated, cyclic AMP-independent relaxations of guinea-pig gastrointestinal smooth muscles.

Effects of magnesium on the production of extracellular matrix metalloproteinases in cultured rat vascular smooth muscle cells.

Hepatic stem cells: existence and origin.

Heat shock induces intestinal-type alkaline phosphatase in rat IEC-18 cells.

Aryl hydrocarbon receptor ligands repress T-cadherin expression in vascular smooth muscle cells.

α -Tocopherol Content and α -Tocopherol Transfer Protein Expression in Leukocytes of Children with Acute Leukemia.

Hepatic progenitor cell lines from allyl alcohol-treated adult rats are derived from gamma-irradiated mouse STO cells.

[Persistent organic micropollutants in Mediterranean organisms and risk associated].

Toxicokinetics and physiologically based toxicokinetics in toxicology and risk assessment.

Similarity between the major collagens of cuttlefish cranial cartilage and cornea.

Generation of aldehyde-derived protein modifications in ethanol-exposed heart.

Health benefits and potential risks related to consumption of fish or fish oil.

Effect of 2,4-dichlorophenol on DPPC/water liposomes studied by X-ray and freeze-fracture electron microscopy.

Neurodevelopmental defects in zebrafish (*Danio rerio*) at environmentally relevant dioxin (TCDD) concentrations.

Beta1 integrin/focal adhesion kinase-mediated signaling induces intercellular adhesion molecule 1 and receptor activator of nuclear factor kappaB ligand on osteoblasts and osteoclast maturation.

Reversible and irreversible emission of methanethiol and dimethyl disulfide from anaerobically stored broccoli.

On the hormonal nature of the stimulatory effect of high incubation temperatures on germination of dormant sorghum (*S. bicolor*) caryopses.

Expression of an Arabidopsis phosphoglycerate mutase homologue is localized to apical meristems, regulated by hormones, and induced by sedentary plant-parasitic nematodes.

Health risk of coplanar polychlorinated biphenyl congeners in edible fish from the Mediterranean Sea.

Comparison of accumulation and altered steroid secretion by placental tissue treated with TCDD and natural mixture of PCDDs-PCDFs.

Hydroxylated and methylsulfone-containing metabolites of polychlorinated biphenyls in the plasma and blubber of bowhead whales (*Balaena mysticetus*).

Oxygen availability during orthotopic liver transplantation.

Somatic embryogenesis and plant regeneration from immature zygotic embryos of *Cryptomeria japonica* D. Don.

Low density lipoprotein receptor-related protein (LRP) is a heparin-dependent adhesion receptor for connective tissue growth factor (CTGF) in rat activated hepatic stellate cells.

TCDD-induced expression of Ah receptor responsive genes in the pituitary and brain of cellular retinol-binding protein (CRBP-I) knockout mice.

Role of mitochondrial aldehyde dehydrogenase in nitrate tolerance.

Cell-specific expression of CYP2A5 in the mouse respiratory tract: effects of olfactory toxicants.

Kinetics of monochloroacetic acid at subtoxic and toxic doses in rats after single oral and dermal administrations.

The requirement of ammonium or other cations linked with p-cresol sulfate for cross-reactivity with a peptide of myelin basic protein.

NTP toxicology and carcinogenesis Studies of 2,4-hexadienal (89% trans,trans isomer, CAS No. 142-83-6; 11% cis,trans isomer) (Gavage Studies).

Protective effect of benidipine against sodium azide-induced cell death in cultured neonatal rat cardiac myocytes.

Toxicogenomic effects of marine brevetoxins in liver and brain of mouse.

Simulation of dioxin accumulation in human tissues and analysis of reproductive risk.

Effect of dietary co-administration of sodium selenite on sodium arsenite-induced ovarian and uterine disorders in mature albino rats.

Heparan sulfates expressed in the distal lung are required for Fgf10 binding to the epithelium and for airway branching.

Critical amino acid residues determine the binding affinity and the Ca²⁺ release efficacy of maurocalcine in skeletal muscle cells.

Genetic transformation of Indian bread (*T. aestivum*) and pasta (*T. durum*) wheat by particle bombardment of mature embryo-derived calli.

Bioaccumulation and toxic potencies of polychlorinated biphenyls and polycyclic aromatic hydrocarbons in tidal flat and coastal ecosystems of the Ariake Sea, Japan.

On the significance of the role of cellular stress response reactions in the toxic actions of dioxin.

Toxicity and metabolism of subcytotoxic inorganic arsenic in human renal proximal tubule epithelial cells (HK-2).

Aberrant utilization of nitric oxide and regulation of soluble guanylate cyclase in rat diabetic retinopathy.

Tissue repair plays pivotal role in final outcome of liver injury following chloroform and allyl alcohol binary mixture.

[Modelling of Mg²⁺, ATP-dependent mitochondrial Ca ions transport in smooth muscle cells using protonophore CCCP-sensitive fluorescent tetracycline].

FT-IR spectroscopic analysis of rainbow trout liver exposed to nonylphenol.

Triazines facilitate neurotransmitter release of synaptic terminals located in hearts of frog (*Rana ridibunda*) and honeybee (*Apis mellifera*) and in the ventral nerve cord of a beetle (*Tenebrio molitor*).

Initial signaling of the fibronectin receptor (α 5 β 1 integrin) in hepatic stellate cells is independent of tyrosine phosphorylation.

Soluble extracts from *Helicobacter pylori* induce dome formation in polarized intestinal epithelial monolayers in a laminin-dependent manner.

Use of plant cell cultures to study graminicide effects on lipid metabolism.

Health of tree swallow (*Tachycineta bicolor*) nestlings exposed to chlorinated hydrocarbons in the St Lawrence River basin. Part I. Renal and hepatic vitamin A concentrations.

Zebrafish as a novel experimental model for developmental toxicology.

Enhancement of neurite outgrowth-promoting activity by heparin derivatives in sodium chlorate-treated explant cultures of rat central neurons.

Determining whether transgenic and endogenous plant DNA and transgenic protein are detectable in muscle from swine fed Roundup Ready soybean meal.

Metabolism of lipid derived aldehyde, 4-hydroxynonenal in human lens epithelial cells and rat lens.

[Determination of 2,4-dinitrophenol, its basic metabolite and 4-oxide diphenyl in biological materials].

Hydroxylated PCBs and other chlorinated phenolic compounds in lake trout (*Salvelinus namaycush*) blood plasma from the Great Lakes region.

Selenoprotein metabolism and function: evidence for more than one function for selenoprotein P.

Chemiluminescence response of beta-glucan stimulated leukocytes isolated from different tissues and peritoneal cavity of *Dicentrarchus labrax*.

Occurrence of *Botrytis cinerea* and Subsequent Disease Expression at Different Positions on Leaves and Bunches of Grape.

Kinetic study of alkaline induced hydrolysis of the skeletal muscle relaxant chlorzoxazone using ratio spectra first derivative spectrophotometry.

The effect of fucoidan, heparin and cyanogen bromide-fibrinogen on the activation of human glutamic-plasminogen by tissue plasminogen activator.

An artificial amino acid, 4-iodo-L-meta-tyrosine: biodistribution and excretion via kidney.

Stress-induced somatic embryogenesis in vegetative tissues of *Arabidopsis thaliana*.

Inhibition of CYP 1A2-dependent MROD activity in rat liver microsomes: an explanation of the hepatic sequestration of a limited subset of halogenated aromatic hydrocarbons.

Influence of plant age and size on simazine toxicity and uptake.

Role of antioxidants in paraquat toxicity.

On the mechanism of selectivity of the corn herbicide BAS 662H: a combination of the novel auxin transport inhibitor diflufenzopyr and the auxin herbicide dicamba.

In vitro myelotoxicity of propanil and 3,4-dichloroaniline on murine and human CFU-E/BFU-E progenitors.

[Genotoxic effect of PCP and lindane on human epithelial tonsil cells].

Antioxidant enzymes, free-radical damage, and response to paraquat in liver and kidney of long-living growth hormone receptor/binding protein gene-disrupted mice.

Paraquat-induced gene expression in rat lung tissues using a differential display reverse transcription-polymerase chain reaction.

A survey of EPA/OPP and open literature on selected pesticide chemicals. III. Mutagenicity and carcinogenicity of benomyl and carbendazim.

Phytotoxicity and ultrastructural effects of gymnopusin from the orchid *Maxillaria densa* on duckweed (*Lemna paucicostata*) frond and root tissues.

Expression of mutant alpha-synucleins enhances dopamine transporter-mediated MPP⁺ toxicity in vitro.

Toxicokinetics, recovery, and metabolism of triclopyr butotyl (ACTP) ester in goats.

Uptake, metabolism, and effects on detoxication enzymes of isoproturon in spawn and tadpoles of amphibians.

Review of 2,4-dichlorophenoxyacetic acid (2,4-D) epidemiology and toxicology.

Environmental agents as cause of health disorders in children presented at an outpatient unit of environmental medicine.

Protective effect of aminoguanidine against paraquat-induced oxidative stress in the lung of mice.

Environmental risk factors and Parkinson's disease: selective degeneration of nigral dopaminergic neurons caused by the herbicide paraquat.

A study of the potential for a herbicide formulation containing 2,4-d and picloram to cause male-mediated developmental toxicity in rats.

Broadening our outlook on sources for corneal donation.

The volatile fraction of cigarette smoke induces alterations in the human gingival fibroblast cytoskeleton.

Increased sensitivity in dopamine D₂-like brain receptors from 2,4-dichlorophenoxyacetic acid (2,4-D)-exposed and amphetamine-challenged rats.

Hermaphroditic, demasculinized frogs after exposure to the herbicide atrazine at low ecologically relevant doses.

Effects of paraquat on essential antioxidant elements in osteogenic disorder Shionogi rat.

Role of catalase in the smooth muscle relaxant actions of sodium azide and cyanamide.

Effect of diquat on the antioxidant system and cell growth in human neuroblastoma cells.

Severe propanil [N-(3,4-dichlorophenyl) propanamide] pesticide self-poisoning.

Radioprotectants: current status and new directions.

In vitro effect of air pollutants on human bronchi.

[Herbicides and congenital malformations in Meta, Colombia].

A fatal human intoxication with the herbicide allyl alcohol (2-propen-1-ol).

Enantiomeric enrichment of chiral pesticides in the environment.

Serum protein acrolein adducts: utility in detecting oxidant stress in hemodialysis patients and reversal using a vitamin E-bonded hemodialyzer.

Thyroid status regulates CART but not AgRP mRNA levels in the rat hypothalamus.

The role of sodium cromolyn in treatment of paraquat-induced pulmonary fibrosis in rat.

Combined effect of chronic hypoxia and in vitro exposure to gas pollutants on airway reactivity.

Carcinogenicity of dimethylarsinic acid in male F344 rats and genetic alterations in induced urinary bladder tumors.

Chemical ionization mass spectrometric determination of acrolein in human breast cancer cells.

In vivo copper-mediated free radical production: an ESR spin-trapping study.

Soybean meal from roundup ready or conventional soybeans in diets for growing-finishing swine.

Acrolein modifies and inhibits cytosolic aspartate aminotransferase.

Analysis of DNA adducts in rats exposed to pentachlorophenol.

Inhibition of cell proliferation and AP-1 activity by acrolein in human A549 lung adenocarcinoma cells due to thiol imbalance and covalent modifications.

Elimination of $\cdot O_2(-)/H_2O_2$ by alpha-lipoic acid mediates the recovery of basal EDRF/NO availability and the reversal of superoxide dismutase-induced relaxation in diabetic rat aorta.

Aldehyde-sequestering drugs: tools for studying protein damage by lipid peroxidation products.

Regeneration from mature and immature embryos and transient gene expression via Agrobacterium-mediated transformation in emmer wheat (*Triticum dicoccum* Schuble).

Acrolein activates mitogen-activated protein kinase signal transduction pathways in rat vascular smooth muscle cells.

Ozone-induced ethylene production is dependent on salicylic acid, and both salicylic acid and ethylene act in concert to regulate ozone-induced cell death.

Systemic uptake and cutaneous disposition of pentachlorophenol in a sequential exposure scenario: effects of skin preexposure to benzo[a]pyrene.

Generation of protein adducts with malondialdehyde and acetaldehyde in muscles with predominantly type I or type II fibers in rats exposed to ethanol and the acetaldehyde dehydrogenase inhibitor cyanamide.

Comprehensive analysis of gene expression in *Nicotiana tabacum* leaves acclimated to oxidative stress.

Metabolic disturbances in fish exposed to sodium pentachlorophenate (NaPCP) and 3,3',4,4',5-pentachlorobiphenyl (PCB126), individually or combined.

Immuno-cytochemical localization of indole-3-acetic acid during induction of somatic embryogenesis in cultured sunflower embryos.

Isolation of HAG1 and its regulation by plant hormones during in vitro floral organogenesis in *Hyacinthus orientalis* L.

Molecular requisites for drug binding to muscle CLC-1 and renal CLC-K channel revealed by the use of phenoxy-alkyl derivatives of 2-(p-chlorophenoxy)propionic acid.

The WUSCHEL gene promotes vegetative-to-embryonic transition in *Arabidopsis*.

Transepithelial organic anion transport by shark choroid plexus.

Chemical marker for ALS-inhibitor herbicides: 2-aminobutyric acid proportional in sub-lethal applications.

Purification and characterization of cytosolic glycerol-3-phosphate dehydrogenase from skeletal muscle of jerboa (*Jaculus orientalis*).

Involvement of the *Arabidopsis* alpha-DOX1 fatty acid dioxygenase in protection against oxidative stress and cell death.

Cell enlargement of plant tissue explants oscillates with a temperature-compensated period of ca. 24 min.

Plasma pharmacokinetics and tissue distribution of a N-pyrrolo-[1,2-c]imidazolylphenyl sulfonamide in rats.

Possible range of dioxin concentration in human tissues: simulation with a physiologically based model.

Altered protein profile and possible hypoxia in the placenta of 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed rats.

Phosphorylated alpha-synuclein is ubiquitinated in alpha-synucleinopathy lesions.

Non-genotoxic carcinogens: early effects on gap junctions, cell proliferation and apoptosis in the rat.

[Genetics and environmental factors of Parkinson disease].

Effects of ascorbic acid and alpha-tocopherol on arsenic-induced oxidative stress.

Myoplasmic calcium regulation in myotubes from horses with recurrent exertional rhabdomyolysis.

Detection of proton release from cultured human myotubes to identify malignant hyperthermia susceptibility.

Patients with malignant hyperthermia demonstrate an altered calcium control mechanism in B lymphocytes.

Antenatal dexamethasone enhances endothelin-1 synthesis and gene expression in the heart in congenital diaphragmatic hernia in rats.

Cytoskeletal structure of myoblasts with the mitochondrial DNA 3243A-->G mutation and of osteosarcoma cells with respiratory chain deficiency.

Lipid metabolism and neuropsychological follow-up study of workers exposed to 2,3,7,8-tetrachlorodibenzo- p-dioxin.

Alcohol-induced increases in insulin-like growth factor binding protein-1 are partially mediated by TNF.

Arsenic induces peroxynitrite generation and cyclooxygenase-2 protein expression in aortic endothelial cells: possible role in atherosclerosis.

Bioavailability of caseinophosphopeptide-bound iron.

Differential toxicogenomic responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin in malignant and nonmalignant human airway epithelial cells.

Antiandrogenic effects in vitro and in vivo of the fungicide prochloraz.

The redox protein thioredoxin-1 regulates the constitutive and inducible expression of the estrogen metabolizing cytochromes P450 1B1 and 1A1 in MCF-7 human breast cancer cells.

Fibrinogen induces chemotactic activity in endothelial cells.

On the role of monoamine oxidase-A for the maintenance of the volitional consumption of ethanol in two different rat models.

Effects of chronic dietary exposure to environmentally relevant concentrations to 2,3,7,8-tetrachlorodibenzo-p-dioxin on survival, growth, reproduction and biochemical responses of female rainbow trout (*Oncorhynchus mykiss*).

Increased arylhydrocarbon receptor expression offers a potential therapeutic target for pancreatic cancer.

Mortality in dioxin-exposed mice infected with influenza: mitochondrial toxicity (reye's-like syndrome) versus enhanced inflammation as the mode of action.

Thyroid transcription factor-1 expression during normal human lung development and in patients with congenital diaphragmatic hernia.

Effect of mechanical ventilation on the pulmonary expression and production of elastin in nitrofen-induced diaphragmatic hernia in rats.

Increased sensitivity to 4-chloro-m-cresol and caffeine in primary myotubes from malignant hyperthermia susceptible individuals carrying the ryanodine receptor 1 Thr2206Met (C6617T) mutation.

Oxidation-reduction (redox) controls fetal hypoplastic lung growth.

The silencing mediator of retinoic acid and thyroid hormone receptors can interact with the aryl hydrocarbon (Ah) receptor but fails to repress Ah receptor-dependent gene expression.

Entacapone does not induce conformational changes in liver mitochondria or skeletal muscle in vivo.

Is exposure to endocrine disrupting compounds during fetal/post-natal development affecting the reproductive potential of farm animals?

The stress response decreases NF-kappaB activation in liver of endotoxemic mice.

Effects of in utero exposure to the organophosphate insecticide fenitrothion on androgen-dependent reproductive development in the CrI:CD(SD)BR rat.

Function and dysfunction of aPKC isoforms for glucose transport in insulin-sensitive and insulin-resistant states.

Low doses of 2,3,7,8-tetrachlorodibenzo- p-dioxin increase transforming growth factor beta and cause myocardial fibrosis in marmosets (*Callithrix jacchus*).

Severe 2,3,7,8-tetrachlorodibenzo- p-dioxin (TCDD) intoxication: kinetics and trials to enhance elimination in two patients.

Effect of estrogen and 2,3,7,8-tetrachlorodibenzo-rho-dioxin (TCDD) on plasma fatty acids of immature male chickens (*Gallus domesticus*).

Mechanism of action and development of selective aryl hydrocarbon receptor modulators for treatment of hormone-dependent cancers (Review).

E-selectin modulates the malignant properties of T84 colon carcinoma cells.

Dinitrophenol pretreatment of rat ventricular myocytes protects against damage by metabolic inhibition and reperfusion.

Type II collagen deposition in cruciate ligament precedes osteoarthritis in the guinea pig knee.

Effect of caries disclosing agents on bond strengths of total-etch and self-etching primer dentin bonding systems to resin composite.

Increased vascular endothelial growth factor peptide and gene expression in hypoplastic lung in nitrofen induced congenital diaphragmatic hernia in rats.

Primary structure and pathological study of phospholipase A2-I from *Agkistrodon bilineatus* (common cantil) venom.

Short-term effects of forced eccentric contractions on collagen synthesis and degradation in rat skeletal muscle.

Effects of subchronic exposure to a complex mixture of persistent contaminants in male rats: systemic, immune, and reproductive effects.

Exercise- and insulin-stimulated muscle glucose transport: distinct mechanisms of regulation.

A proteasome inhibitor confers cardioprotection.

Syndrome of iron pill aspiration.

Prediction of rodent nongenotoxic carcinogenesis: evaluation of biochemical and tissue changes in rodents following exposure to nine nongenotoxic NTP carcinogens.

Marginal iron deficiency without anemia impairs aerobic adaptation among previously untrained women.

An autopsy case of poisoning by massive absorption of cresol a short time before death.

Effects of src-deficiency on the expression of in vivo toxicity of TCDD in a strain of c-src knockout mice procured through six generations of backcrossings to C57BL/6 mice.

Dioxin-induced adseverin expression in the mouse thymus is strictly regulated and dependent on the aryl hydrocarbon receptor.

[Immunoenzyme analysis of natural antibodies to endogenous bioregulators in patients with systemic lupus erythematosus].

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on trace elements, inflammation and viral clearance in the myocardium during coxsackievirus B3 infection in mice.

In vitro effects of 4-chloro-3-ethylphenol in skeletal muscle preparations from malignant hyperthermia susceptible and normal swine.

Dioxin in infants--an environmental hazard?

Tumor necrosis factor alpha stimulates invasion of Src-activated intestinal cells.

Suspected cresol poisoning in cattle presented for slaughter.

Lack of promoting effect due to oral administration of dimethylarsinic acid on rat lung carcinogenesis initiated with N-bis(2-hydroxypropyl)nitrosamine.

Oxidative stress reproduces placental abnormalities of preeclampsia.

Activation of bone sialoprotein gene transcription by flavonoids is mediated through an inverted CCAAT box in ROS 17/2.8 cells.

Inhibitory effect of *Carthamus tinctorius* L. seed extracts on bone resorption mediated by tyrosine kinase, COX-2 (cyclooxygenase) and PG (prostaglandin) E2.

Monoclonal antibodies recognizing epitopes of calretinins: dependence on Ca²⁺-binding status and differences in antigen accessibility in colon cancer cells.

Dioxins and endometriosis: a plausible hypothesis.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) disrupts early morphogenetic events that form the lower reproductive tract in female rat fetuses.

Interactions in developmental toxicology: effects of concurrent exposure to lead, organic mercury, and arsenic in pregnant mice.

Genomic analysis of alachlor-induced oncogenesis in rat olfactory mucosa.

Metabolism and excretion of 2-nitro-p-cresol in rats.

Adenoviral-mediated overexpression of catalase inhibits endothelial cell proliferation.

H₂O₂ activates ryanodine receptor but has little effect on recovery of releasable Ca²⁺ content after fatigue.

Determination of As(III), As(V), monomethylarsonic acid, dimethylarsinic acid and arsenobetaine by HPLC-ICP-MS: analysis of reference materials, fish tissues and urine.

Reactivity of atropaldehyde, a felbamate metabolite in human liver tissue in vitro.

Regulation of directional expansion by the cortical microtubule array in roots of *Lemna minor*.

Subchronic toxicity of Baltic herring oil and its fractions in the rat I: Fractionation and levels of organohalogen pollutants.

Immunoaffinity column as sample cleanup method for determination of the beta-adrenergic agonist ractopamine and its metabolites.

Extravascular collagen in the human epileptic brain: a potential substrate for aberrant cell migration in cases of temporal lobe epilepsy.

Cyclic mechanical stretch augments prostacyclin production in cultured human uterine myometrial cells from pregnant women: possible involvement of up-regulation of prostacyclin synthase expression.

Expression, cellular distribution and induction of cytochrome p4501A (CYP1A) in gilthead seabream, *Sparus aurata*, brain.

Enhancement of alpha-adrenoceptor-mediated responses in prostate of testosterone-treated rat.

Physiological and cytological responses of the marine diatom *Skeletonema costatum* to 2,4-dichlorophenol.

Bioavailability of the isomer mixture of phytoene and phytofluene-rich alga *Dunaliella bardawil* in rat plasma and tissues.

Spatial aspects of organochlorine contamination in northern fur seal tissues.

Ketoprofen-induced intestinal permeability changes studied in side-by-side diffusion cells.

Mutant alleles of *Arabidopsis* RADIALLY SWOLLEN 4 and 7 reduce growth anisotropy without altering the transverse orientation of cortical microtubules or cellulose microfibrils.

Atypical mechanism of NF-kappaB activation during reoxygenation stress in microvascular endothelium: a role for tyrosine kinases.

Biodegradation and enzymatic responses in the marine diatom *Skeletonema costatum* upon exposure to 2,4-dichlorophenol.

Evidence that amyloid beta-peptide-induced lipid peroxidation and its sequelae in Alzheimer's disease brain contribute to neuronal death.

Estrous cycle-regulated expression of CYP1B1 mRNA in the rat ovary.

Portal absorption of ¹⁴C after ingestion of spiked milk with ¹⁴C-phenanthrene, ¹⁴C-benzo[a]pyrene or ¹⁴C-TCDD in growing pigs.

Opening of ATP-sensitive potassium channels causes generation of free radicals in vascular smooth muscle cells.

Calmodulin binding to the 3614-3643 region of RyR1 is not essential for excitation-contraction coupling in skeletal myotubes.

3-Methylcholanthrene, which binds to the arylhydrocarbon receptor, inhibits proliferation and differentiation of osteoblasts in vitro and ossification in vivo.

Polyamines regulate beta-catenin tyrosine phosphorylation via Ca(2+) during intestinal epithelial cell migration.

Origins and consequences of mitochondrial decline in nucleated erythrocytes.

A gradient anion exchange chromatographic method for the speciation of arsenic in lobster tissue extracts.

Both tissue inhibitors of metalloproteinases-1 (TIMP-1) and TIMP-2 activate Ras but through different pathways.

The effect of oxidative stress on ERalpha and ERbeta expression.

Modeling digestive tract absorption and desorption of lipophilic organic contaminants in humans.

Tissue-specific expression of AHR2, ARNT2, and CYP1A in zebrafish embryos and larvae: effects of developmental stage and 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Role of pp60(c-src) and p(44/42) MAPK in ANG II-induced contraction of rat tonic gastrointestinal smooth muscles.

Selective formation of certain advanced glycation end products in spinal cord astrocytes of humans and mice with superoxide dismutase-1 mutation.

[Changes in the level of short-chain volatile fatty acids and their aldehydes in oral air and fluid during inflammation of oral tissues].

Distribution and elimination of polychlorinated dibenzo-p-dioxins, dibenzofurans, biphenyls, and p,p'-DDE in tissues of bald eagles from the Upper Peninsula of Michigan.

Activation of Wiskott-Aldrich syndrome protein and its association with other proteins by stromal cell-derived factor-1alpha is associated with cell migration in a T-lymphocyte line.

The effect of ascorbic acid and ethanol on the level of thiobarbituric acid reactive substances (TBARS) in selected tissues of albino BALB/c mice.

Mitochondrial sequestration and Ca(2+)-dependent release of cytosolic Zn(2+) loads in cortical neurons.

Levels and tissue-dependent distribution of dioxin in Japanese domestic leafy vegetables--from the 1999 national investigation.

Effect of vehicle on brain uptake of [11C]toluene.

Gene-specific TCDD suppression of RARalpha- and RXR-mediated induction of tissue transglutaminase.

Induction of oxidative stress in the tissues of rats after chronic exposure to TCDD, 2,3,4,7,8-pentachlorodibenzofuran, and 3,3',4,4',5-pentachlorobiphenyl.

Comparative effects of TCDD, endrin, naphthalene and chromium (VI) on oxidative stress and tissue damage in the liver and brain tissues of mice.

Coupled high performance liquid chromatography-microwave digestion-hydride generation-atomic absorption spectrometry for inorganic and organic arsenic speciation in fish tissue.

Lipid peroxidation in neurodegeneration: new insights into Alzheimer's disease.

beta-very low density lipoprotein enhances inducible nitric oxide synthase expression in cytokine-stimulated vascular smooth muscle cells.

Microfilament-dependent movement of the beta3 integrin subunit within focal contacts of endothelial cells.

Effects of benzo[a]pyrene exposure on a fish population resistant to the toxic effects of dioxin-like compounds.

Benzo(a)pyrene, but not 2,3,7,8-tetrachlorodibenzo-p-dioxin, alters cell adhesion proteins in human uterine RL95-2 cells.

Alteration in ovarian gene expression in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin: reduction of cyclooxygenase-2 in the blockage of ovulation.

Tissue-specific, light-regulated and plastid-regulated expression of the single-copy nuclear gene encoding the chloroplast Rieske FeS protein of *Arabidopsis thaliana*.

Assessment of chlorinated dibenzo-p-dioxin and dibenzofuran trends in sediment and crab hepatopancreas from pulp mill and harbor sites using multivariate- and index-based approaches.

Retardation of organic contaminants in natural fractures in chalk.

Changes in gene expression profiles of human fibroblasts in response to sodium arsenite treatment.

Recognition and phagocytosis of apoptotic T cells by resident murine tissue macrophages require multiple signal transduction events.

Evidence for high activity of xylem parenchyma and ray cells in the interface of host stem and *Agrobacterium tumefaciens*-induced tumours of *Ricinus communis*.

Induction of CYP1A1 and CYP1A2 expressions by prototypic and atypical inducers in the human lung.

Charcoal affects early development and hormonal concentrations of somatic embryos of hybrid larch.

Hepatic microsomal cytochrome p450s and chlorinated hydrocarbons in largha and ribbon seals from Hokkaido, Japan: differential response of seal species to Ah receptor agonist exposure.

Merosin-integrin promotion of skeletal myofiber cell survival: Differentiation state-distinct involvement of p60Fyn tyrosine kinase and p38alpha stress-activated MAP kinase.

Role of gas chromatography-mass spectrometry with negative ion chemical ionization in clinical and forensic toxicology, doping control, and biomonitoring.

Long-chain fatty acids increase basal metabolism and depolarize mitochondria in cardiac muscle cells.

Role of the cytoskeleton in mediating effect of vasopressin and herbimycin A on secretory K channels in CCD.

Identification of 2,3,7,8-tetrachlorodibenzo-p-dioxin-responsive genes in mouse liver by serial analysis of gene expression.

Characterization of 2-amino-4,5-dichlorophenol (2A45CP) in vitro toxicity in renal cortical slices from male Fischer 344 rats.

Formation of methanethiol and dimethyl disulfide in crushed tissues of broccoli florets and their inhibition by freeze-thawing.

Macrophage migration inhibitory factor up-regulates matrix metalloproteinase-9 and -13 in rat osteoblasts. Relevance to intracellular signaling pathways.

Cytochemical investigation of gastric gland component cells with high-pressure freezing followed by freeze-substitution and hydrophilic resin embedding.

Aryl hydrocarbon receptor is required for prevention of blood clotting and for the development of vasculature and bone in the embryos of medaka fish, *Oryzias latipes*.

A mixture of polychlorinated dibenzo-p-dioxins (PCDDs), dibenzofurans (PCDFs), and non-ortho polychlorinated biphenyls (PCBs) changed the lipid content of pregnant Long Evans rats.

Arsenic accumulation and metabolism in rice (*Oryza sativa* L.).

Induction of oxidative stress in rat epididymal sperm after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Thrombin-stimulated cell proliferation mediated through activation of Ras/Raf/MEK/MAPK pathway in canine cultured tracheal smooth muscle cells.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the antioxidant system in mitochondrial and microsomal fractions of rat testis.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on oxidative enzymes in adipocytes and liver.

Immunohistochemical localization of thyroid stimulating hormone induced by a low oral dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats.

Toxic potency of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, and polychlorinated biphenyls in food samples from Catalonia (Spain).

Effect of the new matrix metalloproteinase inhibitor RO-28-2653 on mitochondrial function.

Determination of tissue-blood partition coefficients for a physiological model for humans, and estimation of dioxin concentration in tissues.

[Heat shock protein 27 in osteoblasts].

Analysis of plant hormones in tobacco flowers by micellar electrokinetic capillary chromatography coupled with on-line large volume sample stacking.

Polychlorinated dibenzo-p-dioxins, dibenzofurans, and dioxin-like polychlorinated biphenyls in livers of birds from Japan.

Unique property of some synthetic retinoids: activation of the aryl hydrocarbon receptor pathway.

ECM is required for skeletal muscle differentiation independently of muscle regulatory factor expression.

Multidrug-resistance *mdr1a/1b* double knockout mice are more sensitive than wild type mice to acute arsenic toxicity, with higher arsenic accumulation in tissues.

Chemical speciation of arsenic in the livers of higher trophic marine animals.

Contamination and toxic effects of persistent endocrine disrupters in marine mammals and birds.

TNF- α suppresses bone sialoprotein (BSP) expression in ROS17/2.8 cells.

Induction of olfactory mucosal and liver metabolism of lidocaine by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

1,25(OH) $_2$ -vitamin D $_3$ induces translocation of the vitamin D receptor (VDR) to the plasma membrane in skeletal muscle cells.

Functional properties of EGFP-tagged skeletal muscle calcium-release channel (ryanodine receptor) expressed in COS-7 cells: sensitivity to caffeine and 4-chloro-m-cresol.

Acute sodium arsenite treatment induces *Cyp2a5* but not *Cyp1a1* in the C57Bl/6 mouse in a tissue (kidney) selective manner.

TCDD-mediated oxidative stress in male rat pups following perinatal exposure.

Tolerance and metabolism of phenol and chloroderivatives by hairy root cultures of *Daucus carota* L.

Tissue concentrations and induction of a hepatic monooxygenase in male Wistar rats after repeated doses of defined polychlorinated dibenzo-p-dioxin and dibenzofuran (PCDDs and PCDFs) mixtures.

Studies on the accumulation and transformation of arsenic in freshwater organisms I. Accumulation, transformation and toxicity of arsenic compounds on the Japanese medaka, *Oryzias latipes*.

Effects of trichloroacetic acid on the nitrogen metabolism of *Pinus sylvestris*--a $^{13}\text{C}/^{15}\text{N}$ tracer study.

Proliferation and differentiation of ductular progenitor cells and littoral cells during the regeneration of the rat liver to CCl $_4$ /2-AAF injury.

PET imaging of dopamine transporters in the human brain using [(11)C]-beta-CPPIT, a cocaine derivative lacking the 2 beta-ester function.

Effect of acute and chronic alcohol treatment and their superimposition on lysosomal, cytoplasmic, and proteosomal protease activities in rat skeletal muscle in vivo.

The stimulation of tumor necrosis factor and inhibition of glucose transport and lipoprotein lipase in adipose cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Dioxin increases reactive oxygen production in mouse liver mitochondria.

Cytokine-activated Jak-2 is involved in inducible nitric oxide synthase expression independent from NF-kappaB activation in vascular smooth muscle cells.

Captopril inhibits the pulmonary toxicity of paraquat in rats.

Neutropenia induced by paraquat poisoning.

A study of the developmental toxicity potential of pentachlorophenol in the rat.

Developmental toxicity study of pentachlorophenol in the rabbit.

Changes in concentrations of type IV collagen and tissue inhibitor of metalloproteinase-1 in patients with paraquat poisoning.

Glutathione-dependent resistance of the European eel *Anguilla anguilla* to the herbicide molinate.

Synergistic cytotoxicity between pentachlorophenol and copper in a bacterial model.

Mechanisms of MPP(+) incorporation into cerebellar granule cells.

Oxidative stress causes abnormal accumulation of familial amyotrophic lateral sclerosis-related mutant SOD1 in transgenic *Caenorhabditis elegans*.

Lung tissue mechanics and extracellular matrix remodeling in acute lung injury.

Oral exposure of dimethylarsinic acid, a main metabolite of inorganic arsenics, in mice leads to an increase in 8-Oxo-2'-deoxyguanosine level, specifically in the target organs for arsenic carcinogenesis.

Amine metabolism: a novel path to coronary artery vasospasm.

Amyotrophic lateral sclerosis and occupational exposure to 2,4-dichlorophenoxyacetic acid.

Effect of isoproterenol pretreatment on the biochemical toxicodynamics of anilofos in male rats.

Gender difference in cytoprotection induced by estrogen on female and male bovine aortic endothelial cells.

Glutathione elevation and its protective role in acrolein-induced protein damage in synaptosomal membranes: relevance to brain lipid peroxidation in neurodegenerative disease.

[Genotoxic effect of the insecticides pentachlorophenol and lindane on human nasal mucosal epithelium].

Carrier-mediated processes in blood--brain barrier penetration and neural uptake of paraquat.

Use of a monoclonal antibody against Lafora bodies for the immunocytochemical study of ground-glass inclusions in hepatocytes due to cyanamide.

Oxidative stress and liver toxicity in rats and human hepatoma cell line induced by pentachlorophenol and its major metabolite tetrachlorohydroquinone.

Modulation of cell proliferation by heterotrimeric G protein in Arabidopsis.

Human gingival fibroblast cytoskeleton is a target for volatile smoke components.

Designing herbicide formulation characteristics to maximize efficacy and minimize rice injury in paddy environments.

Prenatal exposure to nitrofen induces Fryns phenotype in mice.

Dimethylarsinic acid induces 8-hydroxy-2'-deoxyguanosine formation in the kidney of NCI-Black-Reiter rats.

Toxico-kinetics, recovery, and metabolism of napropamide in goats following a single high-dose oral administration.

Herbicides and the microtubular apparatus of *Nicotiana tabacum* pollen tube: immunofluorescence and immunogold labelling studies.

A concise review of the toxicity and carcinogenicity of dimethylarsinic acid.

Carcinogenicity assays of wood dust and wood additives in rats exposed by long-term inhalation.

Effect of cigarette smoke extract on neonatal porcine vascular smooth muscle cells.

Effects of diquat, an aquatic herbicide, on the development of mallard embryos.

Differential sensitivities of plant and animal mitochondria to the herbicide paraquat.

Effects of 2,4-dichlorophenoxy acetic acid dimethyl amine salt on dental hard tissue formation in rats.

Temporal changes in TCDD levels in 1419 Air Force Vietnam-era veterans not occupationally exposed to herbicides.

Mortality in chemical workers potentially exposed to 2,4-dichlorophenoxyacetic acid (2,4-D) 1945-94: an update.

Pesticides directly accelerate the rate of alpha-synuclein fibril formation: a possible factor in Parkinson's disease.

Immunohistochemical detection of lipid peroxidation products, protein-bound acrolein and 4-hydroxynonenal protein adducts, in actinic elastosis of photodamaged skin.

Differential role of superoxide and glutathione in S-nitrosoglutathione-mediated apoptosis: a rationale for mild forms of familial amyotrophic lateral sclerosis associated with less active Cu,Zn superoxide dismutase mutants.

Expression and prognostic significance of catalase in malignant mesothelioma.

Expression of inducible nitric oxide synthase in primary culture of rat bladder smooth muscle cells by plasma from cyclophosphamide-treated rats.

Effects of chlorpropham (CIPC) on the hemopoietic system of rats.

Biological effects of a nano red elemental selenium.

Post-transcriptional control of catalase expression in garlic-treated rats.

NF kappa B and AP-1 mediate transcriptional responses to oxidative stress in skeletal muscle cells.

Carboxylic acids and skeletal muscle chloride channel conductance: effects on the biological activity induced by the introduction of an aryloxyalkyl group alpha to the carboxylic function of 4-chloro-phenoxyacetic acid.

Hydrogen peroxide detoxification in the midgut of the blood-sucking insect, *Rhodnius prolixus*.

Auxin herbicides induce H₂O₂ overproduction and tissue damage in cleavers (*Galium aparine* L.).

Biotransformation, excretion kinetics, and tissue distribution of an N-pyrrolo[1,2-c]imidazolylphenyl sulfonamide herbicide in rats.

Impaired activity of the extraneuronal monoamine transporter system known as uptake-2 in *Orct3/Slc22a3*-deficient mice.

Uniformly (14)C-ring-labeled 2,4-dichlorophenoxyacetic acid: a metabolism study in bluegill sunfish, *Lepomis macrochirus*.

Red blood cells inhibit activation-induced cell death and oxidative stress in human peripheral blood T lymphocytes.

The influence of oxidative stress on catalase and MnSOD gene transcription in astrocytes.

Auxin distribution and transport during embryonic pattern formation in wheat.

Acute effect of ethanol on 7-hydroperoxycholesterol in muscle and liver.

Microtubules and vimentin associated filaments (VIFs) in cultured human gingival fibroblasts (HGFs) after exposure to acrolein and acetaldehyde.

Metabolism and distribution of [2,3-(14)C]acrolein in laying hens.

Metabolism and distribution of [2,3-(14)C]acrolein in lactating goats.

Role of the epithelium in opposing H₂O₂-induced modulation of acetylcholine-induced contractions in rabbit intrapulmonary bronchiole.

Selected contribution: effect of the aldehyde acrolein on acetylcholine-induced membrane current in airway smooth muscle cells.

Unmasking the progesterone receptor in the preoptic area and hypothalamus of the ewe: no colocalization with gonadotropin-releasing neurons.

Differential antioxidant responses to norflurazon-induced oxidative stress in maize.

Morphohistobiochemical characteristics of embryogenic and nonembryogenic callus cultures of sweet potato (*Ipomoea batatas* L.).

Ion chromatographic analysis of selected free amino acids and cations to investigate the change of nitrogen metabolism by herbicide stress in soybean (*Glycine max*).

Metabolism of 2,4-dichlorophenoxyacetic acid in laying hens and lactating goats.

B-lymphocytes from malignant hyperthermia-susceptible patients have an increased sensitivity to skeletal muscle ryanodine receptor activators.

Congener-specific profile and toxicity assessment of PCBs in green turtles (*Chelonia mydas*) from the Hawaiian Islands.

Tissue inhibitor of metalloproteinases 1 and 2 directly stimulate the bone-resorbing activity of isolated mature osteoclasts.

Severity of oxidative stress generates different mechanisms of endothelial cell death.

Mutations to Gly2370, Gly2373 or Gly2375 in malignant hyperthermia domain 2 decrease caffeine and cresol sensitivity of the rabbit skeletal-muscle Ca²⁺-release channel (ryanodine receptor isoform 1).

Mitochondrial uncoupling as a target for drug development for the treatment of obesity.

Effects on levels of glutathione and some related enzymes in tissues after an acute arsenic exposure in rats and their relationship to dietary protein deficiency.

Protection by dietary compounds against mutation in a transgenic rodent.

Mast cell regulation of inflammation and gene expression during antigen-induced bladder inflammation in mice.

[Epidemiology of soft tissue sarcomas in adults].

Secretion of gelatinases and activation of gelatinase A (MMP-2) by human rheumatoid synovial fibroblasts.

p73 is a growth-regulated protein in vascular smooth muscle cells and is present at high levels in human atherosclerotic plaque.

T-cell-based immunity counteracts the potential toxicity of glutamate in the central nervous system.

Decreased mitogen activated protein kinase activities in congenital diaphragmatic hernia-associated pulmonary hypoplasia.

Association of c-myc overexpression and hyperproliferation with arsenite-induced malignant transformation.

7,12-Dimethylbenz[a]anthracene inhibition of steroid production in MA-10 mouse Leydig tumor cells is not directly linked to induction of CYP1B1.

Dioxins in adipose tissue of non-occupationally exposed persons in France: correlation with individual food exposure.

Genistein, a soybean isoflavone, inhibits inward rectifier K(+) channels in rat osteoclasts.

Biochemical and toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in immature male and female chickens.

Late confirmation of acute methyl bromide poisoning using S-methylcysteine adduct testing.

Absence of Crabtree effect in human melanoma cells adapted to growth at low pH: reversal by respiratory inhibitors.

Role of metabolism in arsenic toxicity.

Oral administration of collagen conjugated with cholera toxin induces tolerance to type II collagen and suppresses chondritis in an animal model of autoimmune ear disease.

In utero and lactational treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs mammary gland differentiation but does not block the response to exogenous estrogen in the postpubertal female rat.

The hepatitis B virus HBx protein induces adherens junction disruption in a src-dependent manner.

Exposure to the dioxin 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces squamous metaplasia in the endocervix of cynomolgus macaques.

Anorectal atresia. An experimental model in the rat.

Cartilage and bone biological markers in the synovial fluid of osteoarthritic patients after hyaluronan injections in the knee.

Cardioprotective effect of propranolol from alcohol-induced heart muscle damage as assessed by plasma cardiac troponin-t.

Identification of new triarylethylene oxyalkanoic acid analogues as bone selective estrogen mimetics.

Health effects of dioxin exposure: a 20-year mortality study.

Dietary exposure to 3,3',4,4',5-pentachlorobiphenyl (PCB 126) or 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) does not induce proliferation of squamous epithelium or osteolysis in the jaws of weanling rats.

Chronic toxicity of dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin to mink.

Subchronic Exposure of [3H]- 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in female B6C3F1 mice: relationship of steady-state levels to disposition and metabolism.

Expression of multidrug resistance-associated protein 2 in small intestine from pregnant and postpartum rats.

Physiological modeling of a proposed mechanism of enzyme induction by TCDD.

3,4-Dichlorophenylhydroxylamine cytotoxicity in renal cortical slices from Fischer 344 rats.

Effects of chronic sodium azide on brain and muscle cytochrome oxidase activity: a potential model to investigate environmental contributions to neurodegenerative diseases.

Collagen-induced arthritis.

Interaction of estrogen and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in immature male chickens (*Gallus domesticus*).

Metabolism of equilenin in MCF-7 and MDA-MB-231 human breast cancer cells.

Nephrin redistribution on podocytes is a potential mechanism for proteinuria in patients with primary acquired nephrotic syndrome.

Structural immaturity of the heart in congenital diaphragmatic hernia in rats.

UCS15A, a non-kinase inhibitor of Src signal transduction.

Down-regulation of E-cadherin gene expression by collagen type I and type III in pancreatic cancer cell lines.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on fetal mouse urinary tract epithelium in vitro.

Autologous blood transfusion in oral and maxillofacial surgery patients with the use of erythropoietin.

Etiologic factors in soft tissue sarcomas.

Comparative biodistribution and metabolism of carbon-11-labeled N-[2-(dimethylamino)ethyl]acridine-4-carboxamide and DNA-intercalating analogues.

G76E substitution in type I collagen is the first nonlethal glutamic acid substitution in the alpha1(I) chain and alters folding of the N-terminal end of the helix.

Maximal aryl hydrocarbon receptor activity depends on an interaction with the retinoblastoma protein.

Quantitative relationship between arsenic exposure and AP-1 activity in mouse urinary bladder epithelium.

Dissociation of enzymatic and pharmacological properties of piratoxins-I and -III, two myotoxic phospholipases A2 from *Bothrops pirajai* snake venom.

Subchronic sodium chlorate exposure in drinking water results in a concentration-dependent increase in rat thyroid follicular cell hyperplasia.

Central retinal vein occlusion and nonarteritic ischemic optic neuropathy in 2 patients with mild iron deficiency anemia.

N-methyl-D-aspartate receptor-mediated mitochondrial Ca(2+) overload in acute excitotoxic motor neuron death: a mechanism distinct from chronic neurotoxicity after Ca(2+) influx.

Maternal exposure to a low dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) suppressed the development of reproductive organs of male rats: dose-dependent increase of mRNA levels of 5alpha-reductase type 2 in contrast to decrease of androgen receptor in the pubertal ventral prostate.

Acquired resistance to Ah receptor agonists in a population of Atlantic killifish (*Fundulus heteroclitus*) inhabiting a marine superfund site: in vivo and in vitro studies on the inducibility of xenobiotic metabolizing enzymes.

Androgen receptor antagonism by the organophosphate insecticide fenitrothion.

Identification of apoptotic cells by formamide-induced dna denaturation in condensed chromatin.

Differential expression of Hox A5 in human colon cancer cell differentiation: a quantitative study using real-time RT-PCR.

Squamous epithelial proliferation in the jaws of mink fed diets containing 3,3',4,4',5-pentachlorobiphenyl (PCB 126) or 2,3,7,8-tetrachlorodibenzo-P-dioxin (TCDD).

Effect of oral administration of excessive iron in adult ponies.

Ethanol activates NFkappaB DNA binding and p56lck protein tyrosine kinase in human osteoblast-like cells.

Uremic toxins and peritoneal dialysis.

Embryotoxicity and teratogenicity studies of an ayurvedic contraceptive--pippaliyadi vati.

Dioxin exposure is an environmental risk factor for ischemic heart disease.

Insecticidal activity of glufosinate through glutamine depletion in a caterpillar.

[Volatile compounds in air and oral saliva in healthy people, and in periodontitis and gingivitis patients].

Molecular basis of dioxin actions: evidence supporting chemoprotection.

Analysis of collagenase-cleavage of type II collagen using a neoepitope ELISA.

Apolipoproteins prevent glomerular albumin permeability induced in vitro by serum from patients with focal segmental glomerulosclerosis.

5-HT(7) receptor and beta(2)-adrenoceptor share in the inhibition of porcine uterine contractility in a muscle layer-dependent manner.

Benzo[a]pyrene-induced toxicity: paradoxical protection in Cyp1a1(-/-) knockout mice having increased hepatic BaP-DNA adduct levels.

Sarcoplasmic reticulum Ca(2+) content affects 4-CmC and caffeine contractures of rat skinned skeletal muscle fibers.

Longitudinal variation in muscle protein expression and contraction kinetics of largemouth bass axial muscle.

Activation of p38 mitogen-activated protein kinases by endothelin and noradrenaline in small arteries, regulation by calcium influx and tyrosine kinases, and their role in contraction.

Enhanced systemic tissue distribution after dermal versus intravenous 3,3',4,4'-tetrachlorobiphenyl exposure: limited utility of radiolabel blood area under the curve and excretion data in dermal absorption calculations and tissue exposure assessment.

Involvement of ADAM9 in multinucleated giant cell formation of blood monocytes.

Expression of human and mouse genes encoding polkappa: testis-specific developmental regulation and AhR-dependent inducible transcription.

2,3,7,8-Tetrachlorodibenzo-p-dioxin equivalents in tissue samples from three species in the Denver, Colorado, USA, metropolitan area.

Distinct pathways in the over-expression of matrix metalloproteinases in human fibroblasts by relaxation of mechanical tension.

Effects of indomethacin on energy metabolism in rat and human jejunal tissue in vitro.

Lipid peroxidation end products-responded induction of a preneoplastic marker enzyme glutathione S-transferase P-form (GST-P) in rat liver on administration via the portal vein.

Cytochrome CYP2E1 phenotyping and genotyping in the evaluation of health risks from exposure to polluted environments.

Toxicological relevance of the multidrug resistance protein 1, MRP1 (ABCC1) and related transporters.

Two signal transduction pathways involved in the catecholaminergic differentiation of avian neural crest-derived cells in vitro.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) inhibition of coronary development is preceded by a decrease in myocyte proliferation and an increase in cardiac apoptosis.

Melatonin suppresses homocysteine enhancement of serotonin-induced vasoconstriction in the human umbilical artery.

Identification of biochemical pathways for the metabolism of oxidized low-density lipoprotein derived aldehyde-4-hydroxy trans-2-nonenal in vascular smooth muscle cells.

Glial cell-derived neurotrophic factor (GDNF)-induced migration and signal transduction in corneal epithelial cells.

Reductions in systemic oxygen delivery induce a hypometabolic state in the turtle *Trachemys scripta*.

Distribution spaces for hyaluronan and albumin in rat tail tendons.

Polychlorinated dibenzo-p-dioxins, dibenzofurans, and polychlorinated biphenyls in human tissues, meat, fish, and wildlife samples from India.

Formation of spiroiminodihydantoin nucleoside by reaction of 8-oxo-7,8-dihydro-2'-deoxyguanosine with hypochlorous acid or a myeloperoxidase-H₂O₂-Cl(-) system.

Suppression of Ca²⁺ influx through L-type voltage-dependent calcium channels by hydroxyl radical in mouse cerebral cortical neurons.

Enhanced activation-induced cell death as a mechanism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced immunotoxicity in peripheral T cells.

Induction of metallothionein in the livers of female Sprague-Dawley rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Ascorbate and low concentrations of FeSO₄ induce Ca²⁺-dependent pore in rat liver mitochondria.

Sorption of organic contaminants in a fractured chalk formation.

Fatal poisoning by butachlor and chlornitrofen ingested from a bottle marked as nitrofen.

Dissociation of 5' AMP-activated protein kinase activation and glucose uptake stimulation by mitochondrial uncoupling and hyperosmolar stress: differential sensitivities to intracellular Ca²⁺ and protein kinase C inhibition.

Mode of action and tissue dosimetry in current and future risk assessments.

Enhanced production and germination of somatic embryos by temporary starvation in tissue cultures of *Daucus carota*.

Metabolism of [14C]1,2,7,8-tetrachlorodibenzo-p-dioxin in a ruminating Holstein calf.

PCBs, TEQs and plasma retinol in grey heron (*Ardea cinerea*) hatchlings from two rookeries in Norway.

Glyoxal and methylglyoxal trigger distinct signals for map family kinases and caspase activation in human endothelial cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptotic cell death and cytochrome P4501A expression in developing *Fundulus heteroclitus* embryos.

Cancer isoform of a tumor-associated cell surface NADH oxidase (tNOX) has properties of a prion.

Photoaffinity labeling of human IRBP with all-trans-retinoic acid.

Male reproductive effect of arsenic in mice.

Intraocular pressure and vascular effects of sodium azide in bovine perfused eye.

Early indicators of response in biologically based risk assessment for nongenotoxic carcinogens.

Disposition of polychlorinated dibenzo-p-dioxins, dibenzofurans, and non-ortho polychlorinated biphenyls in pregnant long evans rats and the transfer to offspring.

Contractile activity-induced transcriptional activation of cytochrome C involves Sp1 and is proportional to mitochondrial ATP synthesis in C2C12 muscle cells.

Requirement of chondroitin sulfate/dermatan sulfate recognition in midkine-dependent migration of macrophages.

Production of superoxide anion, lipid peroxidation and DNA damage in the hepatic and brain tissues of rats after subchronic exposure to mixtures of TCDD and its congeners.

The unusual cartilaginous tissues of jawless craniates, cephalochordates and invertebrates.

Effects of environmental antiandrogens on reproductive development in experimental animals.

Effects of binary mixtures of six xenobiotics on hormone concentrations and morphometric endpoints of northern bobwhite quail (*Colinus virginianus*).

Evaluation of an optical microbiological method for rapidly estimating populations of aerobic bacteria, coliforms, and *Escherichia coli* from ground pork.

Relative potencies of polychlorinated dibenzo-p-dioxin, dibenzofuran, and biphenyl congeners to induce cytochrome P4501A mRNA in a zebrafish liver cell line.

Involvement of Rho-kinase and tyrosine kinase in hypotonic stress-induced ATP release in bovine aortic endothelial cells.

The rinosomes of senescing plant tissue bud from the endoplasmic reticulum.

Delivery of genes encoding cardiac K(ATP) channel subunits in conjunction with pinacidil prevents membrane depolarization in cells exposed to chemical hypoxia-reoxygenation.

Effect of arsenite on certain aspects of protein metabolism in fresh water teleost, *Tilapia mossambica* (Peters).

Mechanisms of thrombin-induced MAPK activation associated with cell proliferation in human cultured tracheal smooth muscle cells.

Fibroblast growth factor receptor 2 (FGFR2) in brain neurons and retinal pigment epithelial cells act via stimulation of neuroendocrine L-type channels (Ca_v1.3).

Mitogenic effect of oxidized low-density lipoprotein on vascular smooth muscle cells mediated by activation of Ras/Raf/MEK/MAPK pathway.

Phenol derivatives accelerate inactivation kinetics in one inactivation-deficient mutant human skeletal muscle Na⁺ channel.

Oncogenic Ras-induced proliferation requires autocrine fibroblast growth factor 2 signaling in skeletal muscle cells.

Lipid peroxidation in porcine irises: dependence on pigmentation.

Assessment of polysomaty, embryo formation and regeneration in liquid media for various species of diploid annual *Medicago*.

Quantitative exposure assessment: application of physiologically-based pharmacokinetic (PBPK) modeling of low-dose, long-term exposures of organic acid toxicant in the brain.

Tissue distribution, excretion, and metabolism of 1,2,7,8-tetrachlorodibenzo-p-dioxin in the rat.

Long-term toxic impact of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the reproduction, sexual differentiation, and development of different life stages of *Gobiocypris rarus* and *Daphnia magna*.

Age-related changes in energy production in fresh senescence-accelerated mouse brain slices as revealed by positron autoradiography.

Intensely positively charged perineuronal nets in the adult rat brain as detected by staining with anionic iron colloid.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of different cytotoxins on cytochrome P450 mediated monooxygenase functions and on oxidative state.

Ergot alkaloid transport across ruminant gastric tissues.

Kinetics of monochloroacetic acid in adult male rats after intravenous injection of a subtoxic and a toxic dose.

In situ hybridization and immunohistochemical analysis of cytochrome P450 1B1 expression in human normal tissues.

Outside-in signaling pathway linked to CD146 engagement in human endothelial cells.

Cultured rat vascular smooth muscle cells are resistant to methylamine toxicity: no correlation to semicarbazide-sensitive amine oxidase.

Toxic effects of arsenic (III) on some hematopoietic and central nervous system variables in rats and guinea pigs.

Contrasting effects of midazolam on induction of heat shock protein 27 by vasopressin and heat in aortic smooth muscle cells.

In vitro cytochemical studies of the golgi apparatus of pancreatic acinar cells exposed to drugs that inhibit the transport of membranes and proteins.

Semiquantitative analysis of types I and III collagen from tendons and ligaments in a rabbit model.

Genotoxic effects of carbon black particles, diesel exhaust particles, and urban air particulates and their extracts on a human alveolar epithelial cell line (A549) and a human monocytic cell line (THP-1).

Measurement of plasma metabolites of (S)-5-[123I]iodo-3-(2-azetidylmethoxy)pyridine (5-IA-85380), a nicotinic acetylcholine receptor imaging agent, in nonhuman primates.

Adenosine diphosphate ribose dilates bovine coronary small arteries through apyrase- and 5'-nucleotidase-mediated metabolism.

Health risks posed by use of Di-2-ethylhexyl phthalate (DEHP) in PVC medical devices: a critical review.

The nigrostriatal dopaminergic system as a preferential target of repeated exposures to combined paraquat and maneb: implications for Parkinson's disease.

Evolution of alachlor-induced nasal neoplasms in the Long-Evans rat.

Effects of carbofuran, diuron, and nicosulfuron on acetylcholinesterase activity in goldfish (*Carassius auratus*).

Metalaxyl and simazine toxicity to and uptake by *Typha latifolia*.

Arsenic accumulation in three species of sea turtles.

Chronic ingestion of a potential food contaminant induces gastrointestinal inflammation in rats: role of nitric oxide and mast cells.

A novel leg-shaking *Drosophila* mutant defective in a voltage-gated K(+) current and hypersensitive to reactive oxygen species.

Acetochlor-induced rat nasal tumors: further studies on the mode of action and relevance to humans.

Comparative toxicity of trivalent and pentavalent inorganic and methylated arsenicals in rat and human cells.

Cellular and molecular mechanisms of action of linuron: an antiandrogenic herbicide that produces reproductive malformations in male rats.

Effect of chlorinated hydrocarbons on expression of cytochrome P450 1A1, 1A2 and 1B1 and 2- and 4-hydroxylation of 17beta-estradiol in female Sprague-Dawley rats.

Increase in production of ascorbate radical in tissues of rat treated with paraquat.

2,4-Dichlorophenoxyacetic acid disrupts the cytoskeleton and disorganizes the Golgi apparatus of cultured neurons.

Promotion of skin carcinogenesis by dimethylarsinic acid in keratin (K6)/ODC transgenic mice.

The effect of exposure to a commercial 2,4-D herbicide formulation during gestation on urethan-induced lung adenoma formation in CD-1 mice.

Cholinesterase activity and hematological parameters as biomarkers of sublethal molinate exposure in *Anguilla anguilla*.

Role of glutathione in Thiobencarb resistance in the European eel *Anguilla anguilla*.

Recent advances in understanding the pathogenesis of nitrofen-induced congenital diaphragmatic hernia.

Ethane sulfonate metabolite of alachlor: assessment of oncogenic potential based on metabolic and mechanistic considerations.

No significant paraquat-induced oxidative DNA damage in rats.

NMDA receptor activation: critical role in oxidant tissue injury.

Cellular mechanisms of acrolein-induced alteration in calcium signaling in airway smooth muscle.

Safety evaluation and risk assessment of the herbicide Roundup and its active ingredient, glyphosate, for humans.

Effects of L-2-oxothiazolidine-4-carboxylate on the cytotoxic activity and toxicity of cyclophosphamide in mice bearing B16F10 melanoma liver metastases.

Volatile components of cigarette smoke: effect of acrolein and acetaldehyde on human gingival fibroblasts in vitro.

Quantitative determination of paraquat in a fatal intoxication by HPLC-DAD following chemical reduction with sodium borohydride.

Detection of micronuclei in haemocytes of zebra mussel and great ramshorn snail exposed to pentachlorophenol.

Detection of 2,4-dichlorophenoxyacetic acid (2,4-D) residues in neonates breast-fed by 2,4-D exposed dams.

Secobotrytriendiol and related sesquiterpenoids: new phytotoxic metabolites from *Botrytis cinerea*.

A new diquat derivative appropriate for colourimetric measurements of biological materials in the presence of paraquat.

[Liver steatosis and disorders of mitochondrial oxidative phosphorylation after experimental administration of simazine].

The antihypertensive hydralazine is an efficient scavenger of acrolein.

A case of fatal diquat poisoning: toxicokinetic data and autopsy findings.

Mechanisms of toxicity, clinical features, and management of acute chlorophenoxy herbicide poisoning: a review.

Pulmonary protective effects of curcumin against paraquat toxicity.

Disorders of male rat reproductive tract under the influence of atrazine.

Hepatic disposition of neurotoxins and pesticides.

Effect of He-Ne laser treatment on the level of lipid peroxidation products in experimental cataract of rabbit eyes.

Nonoxidative protein glycation is implicated in familial amyotrophic lateral sclerosis with superoxide dismutase-1 mutation.

Results of dental amalgam removal and mercury detoxification using DMPS and neural therapy.

Cyclophosphamide-induced cystitis in freely-moving conscious rats: behavioral approach to a new model of visceral pain.

Dystrophin mutations predict cellular susceptibility to oxidative stress.

Copper chaperone for superoxide dismutase is essential to activate mammalian Cu/Zn superoxide dismutase.

Aluminium triggers genotoxic adaptation to methyl mercuric chloride and ethyl methane sulfonate, but not to maleic hydrazide in plant cells in vivo.

Antenatal dexamethasone enhances endothelin receptorB expression in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats.

Inhibition of cellular action of thrombin by N3-cyclopropyl-7-[[4-(1-methylethyl)phenyl]methyl]-7H-pyrrolo[3, 2-f]quinazoline-1,3-diamine (SCH 79797), a nonpeptide thrombin receptor antagonist.

Involvement of abscisic acid-dependent and -independent pathways in the upregulation of antioxidant enzyme activity during NaCl stress in cotton callus tissue.

Relationship of MTT reduction to stimulants of muscle metabolism.

Ultrastructural changes in human gingival fibroblasts in vitro after exposure to vapour phase smoke components.

7-Hydroperoxycholesterol as a marker of oxidative stress in rat kidney induced by paraquat.

Catalase activity in equine semen.

Deregulated manganese superoxide dismutase expression and resistance to oxidative injury in p53-deficient cells.

Metabolism of fluroxypyr, fluroxypyr methyl ester, and the herbicide fluroxypyr methylheptyl ester. II: in rat skin homogenates.

Large-scale T-DNA mutagenesis in Arabidopsis for functional genomic analysis.

Dose-dependent effects on tissue distribution and metabolism of dimethylarsinic acid in the mouse after intravenous administration.

Induction of direct somatic embryogenesis in garlic (*Allium sativum*).

NRH:quinone oxidoreductase2 (NQO2).

Failure of Ah receptor to mediate induction of cytochromes P450 in the CYP1 family in the human hepatoma line SK-Hep-1.

Prenatal dexamethasone rescues heart hypoplasia in fetal rats with congenital diaphragmatic hernia.

Joint effects of nine polychlorinated biphenyl (PCB) congeners on breast cancer risk.

2,3,7,8-tetrachlorodibenzo-p-dioxin increases serum and kidney retinoic acid levels and kidney retinol esterification in the rat.

Spinotrapezius muscle microcirculatory function: effects of surgical exteriorization.

In vivo labeling of mitochondrial complex I (NADH:ubiquinone oxidoreductase) in rat brain using [(3)H]dihydrorotenone.

Lung hypoplasia in the nitrofen model of congenital diaphragmatic hernia occurs early in development.

Association of the human papillomavirus type 11 E1(E4) protein with cornified cell envelopes derived from infected genital epithelium.

The effects of perinatal exposure to low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin on immune organs in rats.

[Membrane disorder and free radical].

Chronic peritoneal inflammation by cyanate in rats.

Induction of lung lesions in female rats following chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Src homology 2 domain substitution modulates the kinase and transforming activities of the Fes protein-tyrosine kinase.

Effects of dioxin and estrogen on collagenase-3 in UMR 106-01 osteosarcoma cells.

An alternative interpretation of nanobacteria-induced biomineralization.

Injection of iron compounds followed by induction of the stress response causes tissue injury and apoptosis.

Central versus peripheral mediation of naloxone's perfusion effects in endotoxic rats.

Pseudomonas pickettii: a common soil and groundwater aerobic bacteria with pathogenic and biodegradation properties.

Cloning and functional expression of rKCNQ2 K(+) channel from rat brain.

Soft tissue sarcomas in the general population living near a chemical plant in Northern Italy.

Comparison of HOCl traps with myeloperoxidase inhibitors in prevention of low density lipoprotein oxidation.

Stretch-dependent modulation of contractility and growth in smooth muscle of rat portal vein.

TCDD suppression of tissue transglutaminase stimulation by retinoids in malignant human keratinocytes.

Redistribution of accumulated 2,3,7,8-tetrachlorodibenzo-p-dioxin during coxsackievirus B3 infection in the mouse.

The association between meconium and the production and reabsorption of lung liquid and lactate loss by in vitro lungs from fetal guinea pigs.

Arsenic mediates cell proliferation and gene expression in the bladder epithelium: association with activating protein-1 transactivation.

Soft-tissue sarcoma and non-Hodgkin's lymphoma clusters around a municipal solid waste incinerator with high dioxin emission levels.

Induction of the stress response in vivo decreases nuclear factor-kappa B activity in jejunal mucosa of endotoxemic mice.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin induces developmental defects in the rat vagina.

Structural and functional characterization of BnSP-7, a Lys49 myotoxic phospholipase A(2) homologue from *Bothrops neuwiedi pauloensis* venom.

Assessment of mitochondrial energy coupling in vivo by ¹³C/³¹P NMR.

In vitro effects of growth factors on lung hypoplasia in a model of congenital diaphragmatic hernia.

Ligation of IgE receptors causes an anaphylactic response and neutrophil infiltration but does not induce eosinophilic inflammation in mice.

Iron supplementation affects the production of pro-inflammatory cytokines in IL-10 deficient mice.

Active movement of T cells away from a chemokine.

p-Cresol sulfate is the dominant component of urinary myelin basic protein like material.

Studies of cancer in humans.

Non-carcinogenic effects of TCDD in animals.

Lower alkaline phosphatase activity and occurrence of an abnormal hybrid intestinal/tissue non-specific isoform in Down's syndrome amniotic fluids.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin alters postnatal development of seminal vesicle epithelium.

Expression of dioxin-related transactivating factors and target genes in human eutopic endometrial and endometriotic tissues.

Second primary neoplasms following non-Hodgkin's lymphoma in New South Wales, Australia.

Proliferation of periodontal squamous epithelium in mink fed 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Protein tyrosine kinase inhibitors increase cytosolic calcium and inhibit actin organization as resorbing activity in rat osteoclasts.

Risk factors in the early diagnosis of ALS: North American epidemiological studies. ALS CARE Study Group.

[Clinical experience with the use of benzylalcohol and amyl-m-cresol (Strepsils) in stomatological diseases].

Development and modification of a recombinant cell bioassay to directly detect halogenated and polycyclic aromatic hydrocarbons in serum.

The impact of 4-chloro-m-cresol in heparin formulas on malignant hyperthermia: in vitro and in vivo.

Neurokinin-1 (NK-1) receptor is required in antigen-induced cystitis.

Arsenic, dioxin, and the promotional step in cancer creation.

Chronic mitochondrial inhibition induces selective motoneuron death in vitro: a new model for amyotrophic lateral sclerosis.

Is there a rationale for the use of creatine either as nutritional supplementation or drug administration in humans participating in a sport?

Trypsin stimulates integrin alpha(5)beta(1)-dependent adhesion to fibronectin and proliferation of human gastric carcinoma cells through activation of proteinase-activated receptor-2.

Effects of histone deacetylase inhibitors on the Ah receptor gene promoter.

Toxic action/toxicity.

Effects of TCDD on thyroid hormone homeostasis in the rat.

Mechanisms of parenchymal cell death in-vivo after microvascular hemorrhage.

Responses of transgenic mouse lines p53(+/-) and Tg.AC to agents tested in conventional carcinogenicity bioassays.

Macrophage migration inhibitory factor up-regulates expression of matrix metalloproteinases in synovial fibroblasts of rheumatoid arthritis.

Pharmacokinetics of orally administered camptothecins.

Central nervous system toxicity and early peripheral neuropathy following dermal exposure to methyl bromide.

Antenatal dexamethasone administration inhibits smooth-muscle-cell DNA synthesis in pulmonary-arterial media in nitrofen-induced congenital diaphragmatic hernia in rats.

The hypoplastic heart in congenital diaphragmatic hernia: reduced expression of basic fibroblast growth factor and platelet-derived growth factor.

A multicenter study of 4-chloro-m-cresol for diagnosing malignant hyperthermia susceptibility.

Effects of iron salts and haemosiderin from a thalassaemia patient on oxygen radical damage as measured in the comet assay.

Pharmacological profile of nitrenergic nerve-, nitric oxide-, nitrosoglutathione- and hydroxylamine-induced relaxations of the rat duodenum.

Pathways of dehydroepiandrosterone formation in rat brain glia.

[Hand injuries caused by self-made bombs. Observations and reconstructoin techniques. Report of 7 cases].

Changes in cytoskeletal organization in polyoma middle T antigen-transformed fibroblasts: involvement of protein phosphatase 2A and src tyrosine kinases.

Involvement of tyrosine kinase activity in 1 α ,25(OH) $_2$ -vitamin D $_3$ signal transduction in skeletal muscle cells.

Production of transgenic tall fescue and red fescue plants by particle bombardment of mature seed-derived highly regenerative tissues.

Reproductive success and chlorinated hydrocarbon contamination in tree swallows (*Tachycineta bicolor*) nesting along rivers receiving pulp and paper mill effluent discharges.

Evaluation of beta-galactosidase activity in tissue in the presence of blood.

Monomethylarsonic acid reductase and monomethylarsonous acid in hamster tissue.

PIP $_2$ and ATP cooperatively prevent cytosolic Ca $^{2+}$ -induced modification of ATP-sensitive K $^+$ channels in rat pancreatic beta-cells.

Advanced glycation endproduct-modified superoxide dismutase-1 (SOD1)-positive inclusions are common to familial amyotrophic lateral sclerosis patients with SOD1 gene mutations and transgenic mice expressing human SOD1 with a G85R mutation.

Chronic toxicity of arsenic in goats: clinicobiochemical changes, pathomorphology and tissue residues.

Adrenocorticotropin (ACTH) and corticosterone secretion by perfused pituitary and adrenal glands from rodents exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Differential effects of estrogen and progesterone on AT(1) receptor gene expression in vascular smooth muscle cells.

Air bag injury and the dermatologist.

The carbon source influences the energetic efficiency of the respiratory chain of N₂-fixing *Acetobacter diazotrophicus*.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of different cytotoxins on cytochrome P450 isoforms expression and on glycogen content.

Endotoxin (lipopolysaccharide)-induced nitric oxide production in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated Fischer rats: detection of nitrosyl hemoproteins by EPR spectroscopy.

Dose distribution measurements by MRI of a phantom containing lung tissue equivalent compartments made of ferrous sulphate gel.

Inhibition of dioxin effects on bone formation in vitro by a newly described aryl hydrocarbon receptor antagonist, resveratrol.

Anti-estrogenic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse uterus: critical role of the aryl hydrocarbon receptor in stromal tissue.

Tissue disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in maternal and developing long-evans rats following subchronic exposure.

Developmental and tissue-specific expression of AHR1, AHR2, and ARNT2 in dioxin-sensitive and -resistant populations of the marine fish *Fundulus heteroclitus*.

Bioenergetics and mitochondrial transmembrane potential during differentiation of cultured osteoblasts.

Effect of a dioxin-like PCB (CB 126) on the biotransformation and genotoxicity of benzo.

Toxicity of TCDD in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P450 1A induction in several organ systems.

Isolation of MFO inducers from tissues of white suckers caged in bleached kraft mill effluent.

Effects of arsenite on central monoamines and plasmatic levels of adrenocorticotropin hormone (ACTH) in mice.

Simultaneous measurement of ERK, p38, and JNK MAP kinase cascades in vascular smooth muscle cells.

Arsenic metabolism in seaweed-eating sheep from Northern Scotland.

Experimental model of hepatic fibrosis following repeated periportal necrosis induced by allyl alcohol.

Caloric restriction of rhesus monkeys lowers oxidative damage in skeletal muscle.

Decreased fatty acid synthesis due to mitochondrial uncoupling in adipose tissue.

Arsenite-induced apoptosis in cortical neurons is mediated by c-Jun N-terminal protein kinase 3 and p38 mitogen-activated protein kinase.

Differential effects of 4-chloro-m-cresol and caffeine on skinned fibers from rat fast and slow skeletal muscles.

Development of clover yellow vein virus as an efficient, stable gene-expression system for legume species.

Dexamethasone enhances ras-reversion gene expression in cultured murine fetal lungs: role in development.

The macromolecular associations of heat shock protein-27 in vascular smooth muscle.

Doxorubicin represses CARP gene transcription through the generation of oxidative stress in neonatal rat cardiac myocytes: possible role of serine/threonine kinase-dependent pathways.

Molecular characterization and developmental expression of the aryl hydrocarbon receptor from the chick embryo.

Cellular and biochemical mechanisms by which environmental oestrogens influence reproductive function.

On the cardiac contractile, electrophysiological and biochemical effects of endothall, a protein phosphatase inhibitor.

Pathological lesions in lambs fed raw or processed cottonseed meal.

Comparative induction of CYP1A1 expression by pyridine and its metabolites.

Vanillin as an antioxidant in rat liver mitochondria: inhibition of protein oxidation and lipid peroxidation induced by photosensitization.

Enzyme cytochemical localization of sarcosine oxidase activity in the liver and kidney of several mammals.

Pathological changes of hepatic artery and portal vein, after allyl-alcohol and carbon tetrachloride administration. An experimental study.

Specific inhibition of stretch-induced increase in L-type calcium channel currents by herbimycin A in canine basilar arterial myocytes.

Tumour necrosis factor- α - and interleukin-1 β -stimulated cell proliferation through activation of mitogen-activated protein kinase in canine tracheal smooth muscle cells.

Thyroidal dysfunction and environmental chemicals--potential impact on brain development.

Purification, characterization, and localization of an ATP diphosphohydrolase in porcine kidney.

ATP-sensitive potassium channels in capillaries isolated from guinea-pig heart.

Cloning and functional characterization of the bile acid-sensitive methotrexate carrier from rat liver cells.

Green tea polyphenols and tannic acid act as potent inhibitors of phorbol ester-induced nitric oxide generation in rat hepatocytes independent of their antioxidant properties.

Anti-inflammatory effect of heat shock protein induction is related to stabilization of I kappa B alpha through preventing I kappa B kinase activation in respiratory epithelial cells.

Chemical changes in the photoreceptor outer segments due to iron induced oxidative stress: analysis by Fourier transform infrared (FT-IR) microspectroscopy.

Attenuation of pressure-induced myogenic contraction and tyrosine phosphorylation by fasudil, a cerebral vasodilator, in rat cerebral artery.

A novel function of thyrotropin as a potentiator of electrolyte secretion from the tracheal gland.

Screening-level ecological risk assessment of polychlorinated dibenzo-p-dioxins and dibenzofurans in sediments and aquatic biota from the Venice Lagoon, Italy.

Neuroeffector transmission to different layers of smooth muscle in the rat penile bulb.

The relative abilities of TCDD and its congeners to induce oxidative stress in the hepatic and brain tissues of rats after subchronic exposure.

Mechanisms of fibroblast growth factor 2 intracellular processing: a kinetic analysis of the role of heparan sulfate proteoglycans.

Induction of heat shock protein 70 by herbimycin A and cyclopentenone prostaglandins in smooth muscle cells.

Mechanism of enhancement by fucoidan and CNBr-fibrinogen digest of the activation of glu-plasminogen by tissue plasminogen activator.

Time course of arsenite-induced copper accumulation in rat kidney.

Current risk assessment approaches in different countries.

Toxicokinetics.

Rat cortical neuron cultures: an in vitro model for differentiating mechanisms of chemically induced neurotoxicity.

Metabolic stress and altered glucose transport: activation of AMP-activated protein kinase as a unifying coupling mechanism.

Dermal absorption and tissue disposition of 3,3',4,4'-tetrachlorobiphenyl (TCB) in an ex-vivo pig model: assessing the impact of dermal exposure variables.

Oxidative stress in female B6C3F1 mice following acute and subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

TCDD induces CYP1A4 and CYP1A5 in chick liver and kidney and only CYP1A4, an enzyme lacking arachidonic acid epoxygenase activity, in myocardium and vascular endothelium.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-induced changes in activities of nuclear protein kinases and phosphatases affecting DNA binding activity of c-Myc and AP-1 in the livers of guinea pigs.

Free malondialdehyde determination in rat brain tissue by capillary zone electrophoresis: evaluation of two protein removal procedures.

Role of p53 tumor suppressor gene in the toxicity of TCDD, endrin, naphthalene, and chromium (VI) in liver and brain tissues of mice.

NTP Toxicology and Carcinogenesis Studies of Pyridine (CAS No. 110-86-1) in F344/N Rats, Wistar Rats, and B6C3F1 Mice (Drinking Water Studies).

Involvement of arachidonic acid in chemical stress-induced interleukin-6 synthesis in osteoblast-like cells: comparison with heat shock protein 27 induction.

Tyrosine-kinase dependent TGF-beta and extracellular matrix expression by mechanical stretch in vascular smooth muscle cells.

Intestinal transport of beta-thioglycosides by Na⁺/glucose cotransporter.

In-vivo and in-vitro evidence of a carrier-mediated efflux transport system for oestrone-3-sulphate across the blood-cerebrospinal fluid barrier.

Sensitivity analysis of a physiological model for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): assessing the impact of specific model parameters on sequestration in liver and fat in the rat.

Angiotensin II stimulates endothelial vascular cell adhesion molecule-1 via nuclear factor-kappaB activation induced by intracellular oxidative stress.

The role of protein-tyrosine phosphorylation and gelatinase production in the migration and proliferation of smooth muscle cells.

Cytoskeletal alterations in lipopolysaccharide-induced bovine vascular endothelial cell injury and its prevention by sodium arsenite.

Identification and characterization of a novel hepatic canalicular ATP diphosphohydrolase.

Cromakalim-induced membrane current in guinea-pig tracheal smooth muscle cells.

Determination of total cationic and total anionic arsenic species in oyster tissue using microwave-assisted extraction followed by HPLC-ICP-MS.

Cytodifferentiation and transformation of embryogenic callus lines derived from anther culture of wheat.

Sodium monochloroacetate causes cytotoxic effects, an increased lactate and pyruvate level and induces ultra structural and cytoskeletal alterations in cultured kidney and liver epithelial cells.

Acute administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in pregnant Long Evans rats: association of measured tissue concentrations with developmental effects.

Elevated perfusion pressure upregulates endothelin-1 and endothelin B receptor expression in the rabbit carotid artery.

Cellular stress inhibits vascular smooth muscle relaxation.

Pathways of neurosteroid biosynthesis in cell lines from human brain: regulation of dehydroepiandrosterone formation by oxidative stress and beta-amyloid peptide.

Aromatic hydrocarbon receptor interaction with the retinoblastoma protein potentiates repression of E2F-dependent transcription and cell cycle arrest.

Neurofilament-L is a protein phosphatase-1-binding protein associated with neuronal plasma membrane and post-synaptic density.

The lipolytic stimulation of 3T3-L1 adipocytes promotes the translocation of hormone-sensitive lipase to the surfaces of lipid storage droplets.

Effects of inhibitors for tyrosine kinase and non-selective cation channel on capacitative Ca^{2+} entry in rat ileal smooth muscle.

Enhancement of embryogenic culture initiation from tissues of mature sweetgum trees.

Effect of arsenic trioxide on metallothionein and its conversion to different arsenic metabolites in hen liver.

Heparin and in-vitro experimental lung hypoplasia.

Influence of cytoskeletal agents on the respiratory electron transport pathways in the cells of winter wheat leaves.

[Spreading of porcine kidney epithelial cells under normal conditions and under the effect of inhibitors of energy metabolism. II. Behavior of cellular organelles].

Stress-induced, tissue-specific enrichment of hsp70 mRNA accumulation in *Xenopus laevis* embryos.

Neurotrophic factors protect cortical synaptic terminals against amyloid and oxidative stress-induced impairment of glucose transport, glutamate transport and mitochondrial function.

Pressure-induced upregulation of preproendothelin-1 and endothelin B receptor expression in rabbit jugular vein in situ : implications for vein graft failure?

Effects of the chlorotriazine herbicide, cyanazine, on GABA(A) receptors in cortical tissue from rat brain.

trans-Activation of PPARalpha and PPARgamma by structurally diverse environmental chemicals.

Regulation of antioxidant enzyme gene expression in response to oxidative stress and during differentiation of mouse skeletal muscle.

Reduced toxicity of expression, in *Escherichia coli*, of antipollutant antibody fragments and their use as sensitive diagnostic molecules.

Aberrant copper chemistry as a major mediator of oxidative stress in a human cellular model of amyotrophic lateral sclerosis.

Acute basagran poisoning mimicking neuroleptic malignant syndrome.

Human isolated airway contraction: interaction between air pollutants and passive sensitization.

Selenium-dependent cellular glutathione peroxidase protects mice against a pro-oxidant-induced oxidation of NADPH, NADH, lipids, and protein.

Role of glutathione S-transferase 8-8 in allylamine resistance of vascular smooth muscle cells in vitro.

Lethal body residues for pentachlorophenol in zebra mussels (*Dreissena polymorpha*) under varying conditions of temperature and pH.

A review of the epidemiology of soft tissue sarcoma.

An evaluation of the carcinogenic potential of the herbicide alachlor to man.

Occupational risk factors for sarcoma subtypes.

Measurement of hydroxyl radical-generated methane sulfinic acid by high-performance liquid chromatography and electrochemical detection.

Paraquat myopathy: report on two suicide cases.

Selected phenolic compounds in cultivated plants: ecologic functions, health implications, and modulation by pesticides.

A risk characterization for atrazine: oncogenicity profile.

Content of 8-oxodG in chromosomal DNA of *Sparus aurata* fish as biomarker of oxidative stress and environmental pollution.

Endocrine and reproductive function in ewes exposed to the organochlorine pesticides lindane or pentachlorophenol.

Disposition of pesticides and toxicants in the human reproductive system in cases of acute poisoning.

Increased myofibroblast contractile sensitivity in paraquat pretreated rat lung tissue.

Embryonic toxicity of insecticide Sumithion 50 EC and herbicide Fusilade S in pheasants after individual or combined administration.

Pharmacological and molecular evidence for kinin B1 receptor expression in urinary bladder of cyclophosphamide-treated rats.

Current status of acrolein as a lipid peroxidation product.

Increased activity of H₂O₂ in aorta isolated from chronically streptozotocin-diabetic rats: effects of antioxidant enzymes and enzymes inhibitors.

Evidence for site-specific bioactivation of alachlor in the olfactory mucosa of the Long-Evans rat.

Oxidative stress as a mechanism of chronic cadmium-induced hepatotoxicity and renal toxicity and protection by antioxidants.

Protein-bound acrolein: a novel marker of oxidative stress in Alzheimer's disease.

³²P-postlabelling with high-performance liquid chromatography for analysis of abundant DNA adducts in human tissues.

Higher content of insulin-like growth factor-I in dystrophic mdx mouse: potential role in the spontaneous regeneration through an electrophysiological investigation of muscle function.

Mechanism of organic anion transport across the apical membrane of choroid plexus.

Effect of pentachlorophenol (PCP) on frog cornea epithelium.

Sensory nerve-mediated immediate nasal responses to inspired acrolein.

Peroxynitrite mediated damage and lowered superoxide tolerance in primary cortical glial cultures after induction of the inducible isoform of NOS.

Metabolism of [(1)(4)C]prometryn in rats.

Metabolism of 7-fluoro-6-(3,4,5,6-tetrahydrophthalimido)-4-(2-propynyl)-2H-1,4-benzoxazin-3(4H)-one (S-53482, flumioxazin) in the rat: II. Identification of reduced metabolites.

Enzymatic synthesis of 4-amino-3,5-diethylphenyl sulfate, a rodent metabolite of alachlor.

Evidence for extensive distribution of oestrogen receptor alpha-immunoreactivity in the cerebral cortex of adult rats.

Role of 1,N²-propanodeoxyguanosine adducts as endogenous DNA lesions in rodents and humans.

Expression of Ah receptor and dioxin-related genes in human uterine endometrium in women with or without endometriosis.

Thymocyte development in Ah-receptor-deficient mice is refractory to TCDD-inducible changes.

[Biological actions of acetaldehyde].

Species differences in arsenic-mediated renal copper accumulation: a comparison between rats, mice and guinea pigs.

Skeletal malformations associated with congenital diaphragmatic hernia: experimental and human studies.

Antenatal dexamethasone suppresses tumor necrosis factor-alpha expression in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats.

[A technic using MRI. A comparative study of 3 anesthetic technics of the inferior alveolar nerve].

The significance of excursions above the ADI: duration in relation to pivotal studies.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) severely alters reproductive function of female hamster offspring.

Erosive injury to the upper gastrointestinal tract in patients receiving iron medication: an underrecognized entity.

Complementation between HLA-DR4 (DRB1*0401) and specific H2-A molecule in transgenic mice leads to collagen-induced arthritis.

Teratogenic response to arsenite during neurulation: relative sensitivities of C57BL/6J and SWV/Fnn mice and impact of the splotch allele.

Hypoxia induces renal tubular epithelial cell apoptosis in chronic renal disease.

Anti-lactoferrin antibodies and other types of anti-neutrophil cytoplasmic antibodies (ANCA) in reactive arthritis and ankylosing spondylitis.

Ferrous sulfate toxicity: a review of autopsy findings.

Balloon angioplasty induces heat shock protein 70 in human blood vessels.

Mutation of beta-catenin is an early event in chemically induced mouse hepatocellular carcinogenesis.

Effects of CYP1A2 on disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin, 2,3,4,7,8-pentachlorodibenzofuran, and 2,2',4,4',5,5'-hexachlorobiphenyl in CYP1A2 knockout and parental (C57BL/6N and 129/Sv) strains of mice.

Effects of aging on resistance to *Trichinella spiralis* infection in rodents exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Immunocytochemical identification of islet cells containing calcitonin gene-related peptide-like immunoreactivity in the plains rat pancreas (*Pseudomys australis*).

Connective tissue responses to calcium hydroxide-based root canal medicaments.

[Small handbook of dioxin et alias].

Food toxins, ampa receptors, and motor neuron diseases.

Pheomelanin as a binding site for drugs and chemicals.

F-actin as a functional target for retro-retinoids: a potential role in anhydroretinol-triggered cell death.

Pharmacokinetics of TCDD in veterans of Operation Ranch Hand: 15-year follow-up.

Regulation of matrix metalloproteinase-2 (MMP-2) by hepatocyte growth factor/scatter factor (HGF/SF) in human glioma cells: HGF/SF enhances MMP-2 expression and activation accompanying up-regulation of membrane type-1 MMP.

Differential toxicities of TCDD in vivo among normal, c-src knockout, geldanamycin- and quercetin-treated mice.

74As-arsenate metabolism in Flemish Giant rabbits with renal insufficiency.

Increased risk of sensory neuropathy in workers with chloracne after exposure to 2,3,7,8-polychlorinated dioxins and furans.

Intracellular Ca²⁺ transients in mouse soleus muscle after hindlimb unloading and reloading.

The myeloperoxidase system of human phagocytes generates Nepsilon-(carboxymethyl)lysine on proteins: a mechanism for producing advanced glycation end products at sites of inflammation.

Heparin/heparan sulfate interacting protein gene expression is up-regulated in human colorectal carcinoma and correlated with differentiation status and metastasis.

Analysis of urinary nitric oxide metabolites in healthy subjects.

4-chloro-m-cresol is a trigger of malignant hyperthermia in susceptible swine.

4-chloro-m-cresol triggers malignant hyperthermia in susceptible swine at doses greatly exceeding those found in drug preparations.

Serum dioxin and immunologic response in veterans of Operation Ranch Hand.

Biochemistry of hemlock (*Conium maculatum* L.) alkaloids and their acute and chronic toxicity in livestock. A review.

Increased tropoelastin and procollagen expression in the lung of nitrofen-induced diaphragmatic hernia in rats.

Cytoplasmic elongation and rupture in megakaryoblastic leukemia cells via activation of adhesion and motility by staurosporine on fibronectin-bound substratum.

Nitecapone inhibits myeloperoxidase in vitro and enhances functional performance after 8 h of ischemia in experimental heart transplantation.

Cancer incidence in a cohort of licensed pesticide applicators in Florida.

Heat-shock protein-73 protects against small intestinal warm ischemia-reperfusion injury in the rat.

Mechanisms of hypoxic vasodilatation of isolated rat mesenteric arteries: a comparison with metabolic inhibition.

Cytochrome P450 CYP1B1 determines susceptibility to 7, 12-dimethylbenz[a]anthracene-induced lymphomas.

[Oxidative injury and its defense system in vivo].

Relationships between environmental organochlorine contaminant residues, plasma corticosterone concentrations, and intermediary metabolic enzyme activities in Great Lakes herring gull embryos.

Effects of dioxins on human health: a review.

Dioxin is a systemic promoter blocker, II.

Arsenic speciation in human organs following fatal arsenic trioxide poisoning--a case report.

Quantification of axonal damage in traumatic brain injury: affinity purification and characterization of cerebrospinal fluid tau proteins.

The potential role of environmental toxins in the pathophysiology of endometriosis.

Differential response to benzo[A]pyrene in human lung adenocarcinoma cell lines: the absence of aryl hydrocarbon receptor activation.

The tracheobronchial tree is abnormal in experimental congenital diaphragmatic hernia.

Pulmonary neuroendocrine cells in nitrofen-induced diaphragmatic hernia and the effect of prenatal glucocorticoids.

Mortality in a cohort of licensed pesticide applicators in Florida.

[A new method for the intravital assessment of the functional activity of the membrane transporters performing the efflux of antitumor preparations from the cells of solid tumor specimens].

[Changes in lipid metabolism with the use of alcohol deterrent preparations].

Iron-mediated cardiotoxicity develops independently of extracellular hydroxyl radicals in isolated rat hearts.

A 63 kDa skeletal muscle protein associated with eye muscle inflammation in Graves' disease is identified as the calcium binding protein calsequestrin.

Amelioration of TCDD-induced teratogenesis in aryl hydrocarbon receptor (AhR)-null mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters cardiovascular and craniofacial development and function in sac fry of rainbow trout (*Oncorhynchus mykiss*).

Diluted mainstream cigarette smoke condensates activate estrogen receptor and aryl hydrocarbon receptor-mediated gene transcription.

Trovafloxacin: an overview.

Oxidative stress increases ubiquitin--protein conjugates in synaptosomes.

Lipopolysaccharides and cytokines downregulate the angiotensin II type 2 receptor in rat cardiac fibroblasts.

Tyrosine phosphorylation of caveolin-1 in the endothelium.

Effects of phenolic antioxidants and flavonoids on DNA synthesis in rat liver, spleen, and testis in vitro.

Genome plasticity during the acquisition of embryogenic competence.

Ecto-ATPase activity in the rat cardiac muscle: biochemical characteristics and histochemical localization.

Estrogen stimulates protein tyrosine phosphorylation and Src kinase activity in avian osteoclasts.

Activity-dependent neurotrophic factor peptide (ADNF9) protects neurons against oxidative stress-induced death.

Molecular cloning and characterization of a hemolymph clottable protein from tiger shrimp (*Penaeus monodon*).

Differential protooncogene expression in Sprague Dawley and Fischer 344 rats during 1,2-dichlorobenzene-induced hepatocellular regeneration.

Methyl iodide toxicity in rat cerebellar granule cells in vitro: the role of glutathione.

The role of plasma semicarbazide-sensitive amine oxidase in allylamine and beta-aminopropionitrile cardiovascular toxicity: mechanisms of myocardial protection and aortic medial injury in rats.

Herbimycin A and geldanamycin inhibit okadaic acid-induced apoptosis and p38 activation in NRK-52E renal epithelial cells.

2-Amino-5-chlorophenol toxicity in renal cortical slices from Fischer 344 rats: effect of antioxidants and sulfhydryl agents.

Transmembrane signalling mechanisms regulating expression of cationic amino acid transporters and inducible nitric oxide synthase in rat vascular smooth muscle cells.

Effects of low oxygen concentrations and metabolic inhibitors on proteoglycan and protein synthesis rates in the intervertebral disc.

Voltage-dependent block of normal and mutant muscle sodium channels by 4-Chloro-m-Cresol.

Depolarization of osteoclast plasma membrane potential by 17beta-estradiol.

Development of a capillary electrophoresis method for the characterization of collagens in cartilage tissue.

Myeloperoxidase-catalyzed redox-cycling of phenol promotes lipid peroxidation and thiol oxidation in HL-60 cells.

VEGF stimulates tyrosine phosphorylation of beta-catenin and small-pore endothelial barrier dysfunction.

Promotion of skeletal muscle differentiation by K252a with tyrosine phosphorylation of focal adhesion: a possible involvement of small GTPase Rho.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated oxidative stress in CYP1A2 knockout (CYP1A2^{-/-}) mice.

Identification and immunolocalization of two isoforms of ATP-diphosphohydrolase (ATPDase) in the pig immune system.

ATP-induced opposite changes in the local environments around Cys(697) (SH2) and Cys(707) (SH1) of the myosin motor domain revealed by the prodan fluorescence.

Methyl bromide decreases excitability without having immediate toxic effects in rat hippocampal CA1 neurons in vitro.

Block of human aorta Kir6.1 by the vascular KATP channel inhibitor U37883A.

Slow transport of unpolymerized tubulin and polymerized neurofilament in the squid giant axon.

Development of selective aryl hydrocarbon receptor modulators for treatment of breast cancer.

Changes in mRNAs of inducible nitric oxide synthase and interleukin-1 beta in the liver, kidney and lung tissues of rats acutely exposed to paraquat.

Involvement of alpha5beta1 integrins in interleukin 8 production induced by oral viridans streptococcal protein I/II in cultured endothelial cells.

[Effect of low temperature on electron transport in plant mitochondria respiratory chain].

Oral phosphate binders: phosphate binding capacity of iron (III) hydroxide complexes containing saccharides and their effect on the urinary excretion of calcium and phosphate in rats.

Early effects of protein kinase modulators on DNA synthesis in rat cerebral cortex.

Effects of an environmental endocrine disruptor on fetal development, estrogen receptor(alpha) and epidermal growth factor receptor expression in the porcine male genital tract.

The role of calcium stores in fatigue of isolated single muscle fibres from the cane toad.

Characteristics of apyrase (EC 3.6.1.5) on cultured bovine endocardial endothelial cells.

LDL stimulates mitogen-activated protein kinase phosphatase-1 expression, independent of LDL receptors, in vascular smooth muscle cells.

Thrombin inhibits active sodium-potassium transport in porcine lens.

Transforming growth factor(beta)-mediated corneal myofibroblast differentiation requires actin and fibronectin assembly.

Sarcoplasmic reticulum Ca(2+) release by 4-chloro-m-cresol (4-CmC) in intact and chemically skinned ferret cardiac ventricular fibers.

Analyses of tissues of eight marine species from Atlantic and Pacific coasts for dioxin-like chlorobiphenyls (CBs) and total CBs.

A survey of EPA/OPP and open literature on selected pesticide chemicals. II. Mutagenicity and carcinogenicity of selected chloroacetanilides and related compounds.

Identification of a novel cytosolic tocopherol-binding protein: structure, specificity, and tissue distribution.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of various mitogens and cytotoxins on cytochrome P450 (P450) isoforms expression and on P450 mediated monooxygenase functions.

Hydrogen peroxide stimulates tyrosine phosphorylation of focal adhesion kinase in vascular endothelial cells.

Targeted delivery of oligodeoxynucleotides to parenchymal liver cells in vivo.

Characterization of glycine transport in cultured Müller glial cells from the retina.

Activation of Akt/protein kinase B after stimulation with angiotensin II in vascular smooth muscle cells.

Chondrocyte death is linked to development of a mitochondrial membrane permeability transition in the growth plate.

Characterization of the myosin light chain kinase from smooth muscle as an actin-binding protein that assembles actin filaments in vitro.

p120(ctn) acts as an inhibitory regulator of cadherin function in colon carcinoma cells.

Photo-oxidative killing of human colonic cancer cells using indocyanine green and infrared light.

Superficial buffer barrier and preferentially directed release of Ca²⁺ in canine airway smooth muscle.

Polychlorinated dibenzo-p-dioxins (PCDDs) and dibenzofurans (PCDFs) in muscle and eggs of salmonid fishes from the Great Lakes.

Gene delivery of Kir6.2/SUR2A in conjunction with pinacidil handles intracellular Ca²⁺ homeostasis under metabolic stress.

Structural analysis of angiotensin IV receptor (AT4) from selected bovine tissues.

Polychlorinated dibenzo-p-dioxins and related compounds: correlations of levels in human tissues and in blood.

Dioxin and dibenzofuran concentrations in adipose tissue of a general population from Tarragona, Spain.

Activation of pp60(src) is critical for stretch-induced orienting response in fibroblasts.

Water-soluble 2,3,7,8-tetrachlorodibenzo-p-dioxin complex with human alpha-fetoprotein: properties, toxicity in vivo and antitumor activity in vitro.

Molecular cloning of retinal oxidase/aldehyde oxidase cDNAs from rabbit and mouse livers and functional expression of recombinant mouse retinal oxidase cDNA in Escherichia coli.

NTP Toxicology and Carcinogenesis Studies of Pentachlorophenol (CAS NO. 87-86-5) in F344/N Rats (Feed Studies).

Phenolic content in differentiated tissue cultures of untransformed and Agrobacterium-transformed roots of anise (*Pimpinella anisum* L.).

ECC-1 human endometrial cells as a model system to study dioxin disruption of steroid hormone function.

The relation between the action potential duration, the increase in resting tension, and ATP content during metabolic inhibition in guinea pig ventricular muscles.

Four amino acid changes are associated with the Aldh3a1 locus polymorphism in mice which may be responsible for corneal sensitivity to ultraviolet light.

Dose dependent changes in 74As-arsenate metabolism of Flemish Giant rabbits.

Carbonyl stress in the pathogenesis of diabetic nephropathy.

Toxicant-inflicted injury and stimulated tissue repair are opposing toxicodynamic forces in predictive toxicology.

Immunohistochemical evidence for an increased oxidative stress and carbonyl modification of proteins in diabetic glomerular lesions.

Differential activation of phosphoinositide 3-kinase by endothelin and ceramide in colonic smooth muscle cells.

Role of tyrosine phosphorylation of phospholipase C gamma1 in the signaling pathway of HMG-CoA reductase inhibitor-induced cell death of L6 myoblasts.

[The application of artificial neural network in QSAR research of PCDD].

[Preliminary studies on tissue culture and agrobacterium-mediated transformation of *Brassica campestris* ssp. *chinensis*].

Measurement of sarcoplasmic reticulum Ca²⁺ content in intact amphibian skeletal muscle fibres with 4-chloro-m-cresol.

Two-dimensional electrophoresis of *Cereus peruvianus* (Cactaceae) callus tissue proteins.

Production of the sedative triterpene galphimine B in *Galphimia glauca* tissue culture.

ECM-stimulated actin bundle formation in embryonic corneal epithelia is tyrosine phosphorylation dependent.

Time- and concentration-dependent induction of CYP1A1 and CYP1A2 in precision-cut rat liver slices incubated in dynamic organ culture in the presence of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Glucose-receptive neurones in the rat ventromedial hypothalamus express KATP channels composed of Kir6.1 and SUR1 subunits.

Alterations of matrix- and cell-associated proteoglycans inhibit osteogenesis and growth response to fibroblast growth factor-2 in cultured rat mandibular condyle and calvaria.

Skeletal muscle type ryanodine receptor is involved in calcium signaling in human B lymphocytes.

Modification of excitation-contraction coupling by 4-chloro-m-cresol in voltage-clamped cut muscle fibres of the frog (*R. pipiens*).

Involvement of tyrosine phosphorylation in HMG-CoA reductase inhibitor-induced cell death in L6 myoblasts.

Isometric contraction induces the Ca²⁺-independent activation of the endothelial nitric oxide synthase.

Endothelin-1 gene suppression by shear stress: pharmacological evaluation of the role of tyrosine kinase, intracellular calcium, cytoskeleton, and mechanosensitive channels.

PCB congener patterns in rats consuming diets containing Great Lakes salmon: analysis of fish, diets, and adipose tissue.

NK1-receptor activation prevents hydrocarbon-induced lung injury in mice.

Induction of collagenase-3 (MMP-13) expression in human skin fibroblasts by three-dimensional collagen is mediated by p38 mitogen-activated protein kinase.

Potential alterations in gene expression associated with carcinogen exposure in *Mya arenaria*.

Heparinase treatment of bovine smooth muscle cells inhibits fibroblast growth factor-2 binding to fibroblast growth factor receptor but not FGF-2 mediated cellular proliferation.

Mechanism of mitogenic effect of fluoride on fetal rat osteoblastic cells: evidence for Shc, Grb2 and P-CREB-dependent pathways.

The lack of AHD4 induction by TCDD in corneal cells may involve tissue-specific regulatory proteins.

A comparison of 1H8- and 2H8-toluene toxicokinetics in men.

Orientation change of cardiocytes induced by cyclic stretch stimulation: time dependency and involvement of protein kinases.

RT-PCR quantification of AHR, ARNT, GR, and CYP1A1 mRNA in craniofacial tissues of embryonic mice exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin and hydrocortisone.

AhR, ARNT, and CYP1A1 mRNA quantitation in cultured human embryonic palates exposed to TCDD and comparison with mouse palate in vivo and in culture.

The lipid peroxidation product 4-hydroxynonenal impairs glutamate and glucose transport and choline acetyltransferase activity in NSC-19 motor neuron cells.

Contribution of serum and cellular semicarbazide-sensitive amine oxidase to amine metabolism and cardiovascular toxicity.

Molecular approaches to evaluate pollutants.

Mechanism of biochemical action of substituted 4-methylbenzopyran-2-ones. Part 3: A novel mechanism for the inhibition of biological membrane lipid peroxidation by dioxygenated 4-methylcoumarins mediated by the formation of a stable ADP-Fe-inhibitor mixed ligand complex.

The nature of antioxidant defense mechanisms: a lesson from transgenic studies.

Occupational chlorophenol exposure and soft tissue sarcoma risk among men aged 30-60 years.

Acute 2,4-D poisoning in tench (*Tinca tinca* L.): lesions in the hematopoietic portion of the kidney.

MPP+ toxicity and plasma membrane dopamine transporter: study using cell lines expressing the wild-type and mutant rat dopamine transporters.

The role of glutathione S-transferases as a defense against reactive electrophiles in the blood vessel wall.

Cellular glutathione peroxidase is the mediator of body selenium to protect against paraquat lethality in transgenic mice.

Chlorpropham [isopropyl N-(3-chlorophenyl) carbamate] disrupts microtubule organization, cell division, and early development of sea urchin embryos.

Malicious paraquat poisoning in Oklahoma dogs.

Reproductive effects in mink (*Mustela vison*) exposed to the pesticides Lindane, Carbofuran and Pentachlorophenol in a multigeneration study.

[Morphologic findings in liver tissue in mice after long-term administration of the herbicide fomesafan].

Cancer incidence in Danish phenoxy herbicide workers, 1947-1993.

Exposure to Agent Orange and occurrence of soft-tissue sarcomas or non-Hodgkin lymphomas: an ongoing study in Vietnam.

Acute 2,4-dichlorophenoxyacetic acid intoxication in broiler chicks.

Paraquat poisoning: an experimental model of dose-dependent acute lung injury due to surfactant dysfunction.

Genetic and environmental risk factors in Parkinson's disease.

[Inhibitory effect of green tea infusion of hepatotoxicity].

Kaposi's sarcoma in dog with acquired immunodeficiency after phosphate poisoning.

In vivo studies on genotoxicity of a soil fumigant, dazomet.

Cytoplasmic liver cell inclusions--a typical feature of porphyria cutanea tarda--are absent in porphyria-related hepatic neoplasias.

In vivo dual effects of vitamin C on paraquat-induced lung damage: dependence on released metals from the damaged tissue.

Extraperoxisomal targets of peroxisome proliferators: mitochondrial, microsomal, and cytosolic effects. Implications for health and disease.

Pulmonary arterioles from rats with congenital diaphragmatic hernias are hypoplastic but not hyperresponsive.

Cytokine-mediated induction of ceramide production is redox-sensitive. Implications to proinflammatory cytokine-mediated apoptosis in demyelinating diseases.

Role of tumor necrosis factor-alpha in regulating fibrotic lung repair.

Protein-bound acrolein: potential markers for oxidative stress.

Feeding fish oil to rats accelerates the metabolism of hexachlorobenzene.

Erythrocyte antioxidant systems protect cultured endothelial cells against oxidant damage.

Insect cytochromes P450: diversity, insecticide resistance and tolerance to plant toxins.

Expression of ornithine decarboxylase is transiently increased by pollination, 2,4-dichlorophenoxyacetic acid, and gibberellic acid in tomato ovaries.

Calcium signaling in airway smooth muscle cells is altered by in vitro exposure to the aldehyde acrolein.

Differential xenobiotic induction of CYP2A5 in mouse liver, kidney, lung, and olfactory mucosa.

Cultured renal epithelial cells from birds and mice: enhanced resistance of avian cells to oxidative stress and DNA damage.

Acrolein is a product of lipid peroxidation reaction. Formation of free acrolein and its conjugate with lysine residues in oxidized low density lipoproteins.

Metabolism and distribution of [2,3-¹⁴C]acrolein in Sprague-Dawley rats. II. Identification of urinary and fecal metabolites.

Immunoenzymatic determination of atrazine in rat tissue samples.

Immunocytochemical localization of Fos in perfused nonhuman primate brain tissue: fixation and antisera selection.

Dialkylquinonimines validated as in vivo metabolites of alachlor, acetochlor, and metolachlor herbicides in rats.

Muscle cells from mdx mice have an increased susceptibility to oxidative stress.

Influence of incubation time and rinsing buffer on the distribution of the tracer lanthanum in canine heart muscle.

Intrahippocampal injection of paraquat produces apoptotic cell death which is prevented by the lazaroide U74389G, in rats.

Ah receptor agonists as endocrine disruptors: antiestrogenic activity and mechanisms.

Expression of mucin-associated sulfo-Lea carbohydrate epitopes on human colon carcinoma cells.

Tyrosine kinase inhibitor effects on avian osteoclastic acid transport.

Health effects associated with sulfur dioxide and methyl bromide exposure among structural fumigation workers.

Expression of adhesion molecules by Ip(a): a potential novel mechanism for its atherogenicity.

Mechanism of action of the nongenotoxic peroxisome proliferators: role of the peroxisome proliferator-activator receptor alpha.

Effects of in utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on serum androgens and steroidogenic enzyme activities in the male rat reproductive tract.

Herbimycin-A attenuates ischaemia-reperfusion induced pulmonary neutrophil infiltration.

Tissue residues in male chickens fed a 50 ng/kg dietary concentration of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Oncostatin M up-regulates tissue inhibitor of metalloproteinases-3 gene expression in articular chondrocytes via de novo transcription, protein synthesis, and tyrosine kinase- and mitogen-activated protein kinase-dependent mechanisms.

Irregular patterns of transgene silencing in allohexaploid oat.

Zoxazolamine-induced paralysis in two rat substrains: differences in hepatic drug metabolism.

Role of endothelial carbon monoxide in attenuated vasoreactivity following chronic hypoxia.

Molecular analysis of collagens in bladder fibrosis.

Advanced glycation end products induce crosslinking of collagen in vitro.

Stimulation of the stress-induced expression of stress proteins by curcumin in cultured cells and in rat tissues in vivo.

Establishment of a simple cleanup procedure and bioassay for determining 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalents of environmental samples.

Glucosamine-induced insulin resistance in 3T3-L1 adipocytes is caused by depletion of intracellular ATP.

Incorporation of structurally defective type II collagen into cartilage matrix in kniest chondrodysplasia.

Activation of MMP-2 by human GCT23 giant cell tumour cells induced by osteopontin, bone sialoprotein and GRGDSP peptides is RGD and cell shape change dependent.

Administration of antenatal glucocorticoids prevents pulmonary artery structural changes in nitrofen-induced congenital diaphragmatic hernia in rats.

Atherosclerotic risks from chemicals: part II. A RASH analysis of in vitro and in vivo bioassay data to evaluate 45 potentially hazardous compounds.

Suppression of decorin expression and partial induction of anchorage-independent growth by the v-src oncogene in human fibroblasts.

Reproductive toxicity and tissue concentrations of low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin in male offspring rats exposed throughout pregnancy and lactation.

In utero and lactational exposure of the male rat to 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs prostate development. 2. Effects on growth and cytodifferentiation.

Small dense low density lipoprotein has increased affinity for LDL receptor-independent cell surface binding sites: a potential mechanism for increased atherogenicity.

[Immunotoxicology in occupational and environmental medicine: prospectives, limitations, and research objectives].

Mechanisms of gender-specific TCDD-induced toxicity in guinea pig adipose tissue.

Atherogenic lipoproteins enhance mesangial cell expression of platelet-derived growth factor: role of protein tyrosine kinase and cyclic AMP-dependent protein kinase A.

Interruption of estradiol signal transduction by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) through disruption of the protein phosphorylation pathway in adipose tissues from immature and mature female rats.

An IARC evaluation of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans as risk factors in human carcinogenesis.

The Seveso studies on early and long-term effects of dioxin exposure: a review.

Activation of tissue-factor gene expression in breast carcinoma cells by stimulation of the RAF-ERK signaling pathway.

Inhibition of vascular and epithelial differentiation in murine nitrofen-induced diaphragmatic hernia.

Arsenate toxicity in human erythrocytes: characterization of morphologic changes and determination of the mechanism of damage.

A computer-aided 3-D geometry of acute and chronic zonal necrosis: three-D tangent counting applied in an attempt to re-examine the structure of the human liver.

Collagen-induced arthritis in nonhuman primates: multiple epitopes of type II collagen can induce autoimmune-mediated arthritis in outbred cynomolgus monkeys.

Structurally abnormal type II collagen in a severe form of Kniest dysplasia caused by an exon 24 skipping mutation.

Differential display of genes in normal and hypoplastic fetal murine lungs.

Micropreparation of tissue collagenase fragments of type I collagen in the form of surfactant-peptide complexes and their identification by capillary electrophoresis and partial sequencing.

Overexpression and activation of the tyrosine kinase Src in human pancreatic carcinoma.

Dioxin exposure and non-malignant health effects: a mortality study.

Neurotrophic factors decrease the release of creatine kinase and prostaglandin E2 from metabolically stressed muscle.

Characterization of the effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in B6C3F1 and DBA/2 mice following single and repeated exposures.

Differential induction of Cyp1a1, Cyp1b1, Ahd4, and Nmo1 in murine skin tumors and adjacent normal epidermis by ligands of the aryl hydrocarbon receptor.

Surfactant protein A is decreased in a rat model of congenital diaphragmatic hernia.

The 64-kilodalton eye muscle protein is the flavoprotein subunit of mitochondrial succinate dehydrogenase: the corresponding serum antibodies are good markers of an immune-mediated damage to the eye muscle in patients with Graves' hyperthyroidism.

Aryl hydrocarbon receptor-inducible or constitutive expression of human UDP glucuronosyltransferase UGT1A6.

A useful method to evaluate bone resorption inhibitors, using osteoclast-like multinucleated cells.

Activation of beta1 integrin signaling stimulates tyrosine phosphorylation of p190RhoGAP and membrane-protrusive activities at invadopodia.

Induction of cellular processes containing collagenase and retinoid by integrin-binding to interstitial collagen in hepatic stellate cell culture.

An unusual exposure to methyl bromide leading to fatality.

Phosphoprotein analysis of sequential extracts of human dentin and the determination of the subsequent remineralization potential of these dentin matrices.

Measurement of reactive oxygen species by chemiluminescence in diet-induced atherosclerosis: protective roles of vitamin E and probucol on different radical species.

Tyro 3 receptor tyrosine kinase and its ligand, Gas6, stimulate the function of osteoclasts.

[Approaches to the combined therapy of helminthiases with leukiniferon and etiotropic preparations].

Three novel type I collagen mutations in osteogenesis imperfecta type IV probands are associated with discrepancies between electrophoretic migration of osteoblast and fibroblast collagen.

Role of glutathione in cisplatin resistance in osteosarcoma cell lines.

[Long-term ecological and genetic consequences of use of dioxin-containing environmental agents].

Effect of prenatal glucocorticoids on pulmonary vascular muscularisation in nitrofen-induced congenital diaphragmatic hernia.

Modulation of ovarian follicle maturation and effects on apoptotic cell death in Holtzman rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in utero and lactationally.

Tyrosine phosphorylation of syndecan-1 and -4 cytoplasmic domains in adherent B82 fibroblasts.

Regulation of System A amino acid transport in L6 rat skeletal muscle cells by insulin, chemical and hyperthermic stress.

Efficient callus induction and plant regeneration from mature embryo culture of winter wheat (*Triticum aestivum* L.) genotypes.

Dose-response relationships for disposition and hepatic sequestration of polyhalogenated dibenzo-p-dioxins, dibenzofurans, and biphenyls following subchronic treatment in mice.

Presence of intestinal, liver and heart/adipocyte fatty-acid-binding protein types in the liver of a chimaera fish.

Vitamin E protects the brain against oxidative injury stimulated by excessive aluminum intake.

Reactive oxygen species activate focal adhesion kinase, paxillin and p130cas tyrosine phosphorylation in endothelial cells.

Rho A regulates sustained smooth muscle contraction through cytoskeletal reorganization of HSP27.

Rapid stimulation of glucose transport by mitochondrial uncoupling depends in part on cytosolic Ca²⁺ and cPKC.

Mannitol at clinical concentrations activates multiple signaling pathways and induces apoptosis in endothelial cells.

Inhibition of hsp70-1 and hsp70-3 expression disrupts preimplantation embryogenesis and heightens embryo sensitivity to arsenic.

Transient and prolonged increase in endothelial permeability induced by histamine and thrombin: role of protein kinases, calcium, and RhoA.

Functional consequences of mutations of conserved, polar amino acids in transmembrane sequences of the Ca²⁺ release channel (ryanodine receptor) of rabbit skeletal muscle sarcoplasmic reticulum.

Induction and control of chromoplast-specific carotenoid genes by oxidative stress.

Tyrosine kinase inhibitors suppress prostaglandin F₂α-induced phosphoinositide hydrolysis, Ca²⁺ elevation and contraction in iris sphincter smooth muscle.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induction of cytochrome P450-dependent arachidonic acid metabolism in mouse liver microsomes: evidence for species-specific differences in responses.

Calreticulin expression in plant cells: developmental regulation, tissue specificity and intracellular distribution.

Invasion of aortic and heart endothelial cells by *Porphyromonas gingivalis*.

Fibronectin stimulates transcription of the platelet-derived growth factor beta-receptor in cultured rat aortic smooth muscle cells.

Evidence for a tyrosine kinase-dependent activation of the adenylyl Cyclase/PKA cascade downstream from the G-protein-linked endothelin ETA receptor in vascular smooth muscle.

Structural and functional comparison of agents interfering with dihydroorotate, succinate and NADH oxidation of rat liver mitochondria.

The counteradhesive protein SPARC regulates an endothelial paracellular pathway through protein tyrosine phosphorylation.

2,3,7,8-Tetrachlorodibenzo-p-dioxin in pregnant Long Evans rats: disposition to maternal and embryo/fetal tissues.

Effect of protein kinase inhibitors on primary antibody induction in tissue cultures.

Toxicokinetics of an environmentally relevant mixture of dioxin-like PHAHs with or without a non-dioxin-like PCB in a semi-chronic exposure study in female Sprague Dawley rats.

Analysis of gene expression in lung and thymus of TCDD treated C57BL/6 mice using differential display RT-PCR.

Partitioning of dioxins, dibenzofurans, and coplanar PCBS in blood, milk, adipose tissue, placenta and cord blood from five American women.

Redox regulation of signal transduction in vascular smooth muscle cells: thiol oxidizing agents induced phospholipase D.

Antiestrogenic effects of low doses of 2,3,7,8-TCDD in offspring of female rats exposed throughout pregnancy and lactation.

Transgenic analysis of the cSOD-null phenotypic syndrome in *Drosophila*.

Src kinase and PI 3-kinase as a transduction pathway in ceramide-induced contraction of colonic smooth muscle.

Tyrosine kinase inhibition produces specific alterations in axon guidance in the grasshopper embryo.

Glycosaminoglycans bind granulocyte-macrophage colony-stimulating factor and modulate its mitogenic activity and signaling in human osteoblastic cells.

Differential regulation of potassium currents by FGF-1 and FGF-2 in embryonic *Xenopus laevis* myocytes.

Heparan sulfate proteoglycans control intracellular processing of bFGF in vascular smooth muscle cells.

The catalytic subunit of the cAMP-dependent protein kinase of ovine sperm flagella has a unique amino-terminal sequence.

CD40-mediated signal transduction in human airway smooth muscle.

SPARC inhibits endothelial cell adhesion but not proliferation through a tyrosine phosphorylation-dependent pathway.

Up-regulation of tissue inhibitor of metalloproteinases-3 gene expression by TGF-beta in articular chondrocytes is mediated by serine/threonine and tyrosine kinases.

Genetic complexity, structure, and characterization of highly active bovine intestinal alkaline phosphatases.

Type I collagen influence on gene expression in UMR106-06 osteoblast-like cells is inhibited by genistein.

Mechanisms of ligand-induced aryl hydrocarbon receptor-mediated biochemical and toxic responses.

Quantitative analysis of liver peroxisomes in rats intoxicated with peroxisomicine-A1.

Cyclophosphamide cystitis as a model of visceral pain in rats: a c-fos and Krox-24 study at telencephalic levels, with a note on pituitary adenylate cyclase activating polypeptide (PACAP).

Hepatic and renal metallothionein induction following single oral administration of gallium arsenide in rats.

In vitro inhibition of thyroid hormone sulfation by hydroxylated metabolites of halogenated aromatic hydrocarbons.

Ceramide accumulation during oxidant renal tubular injury: mechanisms and potential consequences.

Lipid-containing semipermeable membrane devices (SPMDs) as concentrators of toxic chemicals in the lower Fraser River, Vancouver, British Columbia.

Regulation of BMP7 expression during kidney development.

Effects of ryanodine receptor agonist 4-chloro-m-cresol on myoplasmic free Ca²⁺ concentration and force of contraction in mouse skeletal muscle.

Release and analysis of polypeptides and glycopolypeptides from formalin-fixed, paraffin wax-embedded tissue.

Ah receptor, ARNT, glucocorticoid receptor, EGF receptor, EGF, TGF alpha, TGF beta 1, TGF beta 2, and TGF beta 3 expression in human embryonic palate, and effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Expression of CYP1B1 but not CYP1A1 by primary cultured human mammary stromal fibroblasts constitutively and in response to dioxin exposure: role of the Ah receptor.

Differences in kinetics of induction and reversibility of TCDD-induced changes in cell proliferation and CYP1A1 expression in female Sprague-Dawley rat liver.

Detection of CYP1A1 protein in human liver and induction by TCDD in precision-cut liver slices incubated in dynamic organ culture.

Hepatic stellate cells (vitamin A-storing cells) change their cytoskeleton structure by extracellular matrix components through a signal transduction system.

A pharmacodynamic analysis of TCDD-induced cytochrome P450 gene expression in multiple tissues: dose- and time-dependent effects.

Stress-induced fractal rearrangement of the endothelial cell cytoskeleton causes apoptosis.

Species- and sex-related differences in metabolism of trichloroethylene to yield chloral and trichloroethanol in mouse, rat, and human liver microsomes.

Functional aspects of skeletal muscle contractile apparatus and sarcoplasmic reticulum after fatigue.

p38 mitogen-activated protein kinase expression and activation in smooth muscle.

Elucidation of the amino acid sequence of a crustacean hyperglycaemic hormone from the spiny lobster, *Jasus lalandii*.

Pp125FAK is required for stretch dependent morphological response of endothelial cells.

Chemotaxis of chinese hamster ovary cells expressing the human neutrophil formyl peptide receptor: role of signal transduction molecules and alpha5beta1 integrin.

Interactions between bioenergetics and mitochondrial biogenesis.

Involvement of receptor-like protein tyrosine phosphatase zeta/RPTPbeta and its ligand pleiotrophin/heparin-binding growth-associated molecule (HB-GAM) in neuronal migration.

Neuron density and distribution of NADPH-diaphorase positive neurons in the human stomach.

Teratogen-induced cell death in postimplantation mouse embryos: differential tissue sensitivity and hallmarks of apoptosis.

Serum and urinary boron levels in rats after single administration of sodium tetraborate.

Aryl hydrocarbon receptor activation in genital tubercle, palate, and other embryonic tissues in 2,3,7,8-tetrachlorodibenzo-p-dioxin-responsive lacZ mice.

Effects of varied fatigue protocols on sarcoplasmic reticulum calcium uptake and release rates.

The cellular stress response increases measles virus-induced cytopathic effect.

Expression of cytosolic beta-glucosidase in guinea pig liver cells.

E-C coupling failure in mouse EDL muscle after in vivo eccentric contractions.

The effect of Ba²⁺ on the nitrergic mechanism in the isolated frog lung preparation.

Src family tyrosine kinase regulates intracellular pH in cardiomyocytes.

The role of glutathione S-transferase- and cytochrome P450-dependent metabolism in the olfactory toxicity of methyl iodide in the rat.

Treatment of rats during pubertal development with 2,3,7,8-tetrachlorodibenzo-p-dioxin alters both signaling kinase activities and epidermal growth factor receptor binding in the testis and the motility and acrosomal reaction of sperm.

Responsiveness of the adult male rat reproductive tract to 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure: Ah receptor and ARNT expression, CYP1A1 induction, and Ah receptor down-regulation.

Fast and sensitive method for simultaneous measurement of cell proliferation rate and drug sensitivity in rat cerebral cortex.

Hydrogen peroxide activates mitogen-activated protein kinases and Na⁺-H⁺ exchange in neonatal rat cardiac myocytes.

Characterization of CYP1B1 and CYP1A1 expression in human mammary epithelial cells: role of the aryl hydrocarbon receptor in polycyclic aromatic hydrocarbon metabolism.

Metabolism of inorganic arsenic in children with chronic high arsenic exposure in northern Argentina.

Inflammatory cytokines (IL-1 α , TNF- α) and LPS modulate the Ca²⁺ signaling pathway in osteoblasts.

Suppression of C/EBP α and induction of C/EBP β by 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse adipose tissue and liver.

Anti-immunoglobulin E antibody treatment blocks histamine release and tissue contraction in sensitized mice.

Injury of stromal fibroblasts induces phosphorylation of focal adhesion proteins.

Colony-stimulating factor-1 stimulates the fusion process in osteoclasts.

Profiles of Great Lakes critical pollutants: a sentinel analysis of human blood and urine. The Great Lakes Consortium.

Cortactin-Src kinase signaling pathway is involved in N-syndecan-dependent neurite outgrowth.

Buprenorphine hydrochloride induces apoptosis in NG108-15 nerve cells.

Impact of dioxin-type induction of drug-metabolizing enzymes on the metabolism of endo- and xenobiotics.

Determination of malondialdehyde in rat brain by capillary zone electrophoresis.

Regeneration of coconut (*Cocos nucifera* L.) from plumule explants through somatic embryogenesis.

Myelosuppressive activity of two herbicides, atrazine and dinoterb, on human haematopoietic progenitor cells: An in vitro assay to evaluate the effects of intermediate or long-term exposure.

Use of precision-cut rat liver slices for studies of xenobiotic metabolism and toxicity: comparison of the Krumdieck and Brendel tissue slicers.

A selective historical review of congener-specific human tissue measurements as sensitive and specific biomarkers of exposure to dioxins and related compounds.

Female Sprague-Dawley rats exposed to a single oral dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin exhibit sustained depletion of aryl hydrocarbon receptor protein in liver, spleen, thymus, and lung.

Cigarette smoke extract inhibits fibroblast-mediated collagen gel contraction.

Effects of hyperosmolality on Na, K-ATPase gene expression in vascular smooth muscle cells.

Analysis of matrix protein components of the dermis-like structure formed in a long-term culture of human fibroblasts: type VI collagen is a major component.

Reduced fertility in female mice lacking copper-zinc superoxide dismutase.

Mechanical strain increases protein tyrosine phosphorylation in airway smooth muscle cells.

Functional imaging of mitochondria in saponin-permeabilized mice muscle fibers.

Redox regulation of signal transduction in smooth muscle cells: distinct effects of PKC-down regulation and PKC inhibitors on oxidant induced MAP kinase.

Induction of oxidative stress in brain tissues of mice after subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Environmental occurrence and potential toxicity of planar, mono-, and di-ortho polychlorinated biphenyls in the biota.

Aryl hydrocarbon receptor-associated genes in rat liver: regional coinduction of aldehyde dehydrogenase 3 and glutathione transferase Ya.

1,N²-propanodeoxyguanosine adducts: potential new biomarkers of smoking-induced DNA damage in human oral tissue.

Dietary and tissue residue analysis and contaminant intake estimations in rats consuming diets composed of Great Lakes salmon: a multigeneration study.

Ets-1 is an early response gene activated by ET-1 and PDGF-BB in vascular smooth muscle cells.

Toxicity of linoleic acid hydroperoxide to *Saccharomyces cerevisiae*: involvement of a respiration-related process for maximal sensitivity and adaptive response.

Na⁺-dependent and phlorizin-inhibitable transport of glucose and cycasin in brain endothelial cells.

Hepatitis B virus X-associated protein 2 is a subunit of the unliganded aryl hydrocarbon receptor core complex and exhibits transcriptional enhancer activity.

Metabolic Study of Isoproturon in Goats Following a Single Oral Administration: Toxicokinetics and Recovery.

Inhibition of corneal metabolism of deslorelin by EDTA and ZnCl₂.

Expression of glycylation of tubulin during the differentiation of spermatozoa in mammals.

Use of c-Src and c-Fos knockout mice for the studies on the role of c-Src kinase signaling in the expression of toxicity of TCDD.

Multiplication of *Legionella pneumophila* in HeLa cells in the presence of cytoskeleton and metabolic inhibitors.

Effect of in vivo administered 2,3,7,8-tetrachlorodibenzo-p-dioxin on DNA-binding activities of nuclear transcription factors in liver of guinea pigs.

Age-related changes and location of type I, III and IV collagens during skeletal muscle development of double-muscle and normal bovine fetuses.

Levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin in 1,302 unexposed Air Force Vietnam-era veterans.

Enzymatic methylation of arsenic compounds. V. Arsenite methyltransferase activity in tissues of mice.

Correlation of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced apoptotic cell death in the embryonic vasculature with embryotoxicity.

Development validation and problems with the toxic equivalency factor approach for risk assessment of dioxins and related compounds.

Determining sodium azide concentration in blood by ion chromatography.

Chemically reactive intermediates and pulmonary xenobiotic toxicity.

A review of epidemiologic studies of triazine herbicides and cancer.

Single-dose and chronic dietary neurotoxicity screening studies on 2,4-dichlorophenoxyacetic acid in rats.

Herbicide-induced experimental variegated porphyria in mice: tissue porphyrinogen accumulation and response to porphyrinogenic drugs.

Successful single-lung transplantation after paraquat intoxication.

Determination of 8-hydroxy-deoxyguanosine formation in rat organs: assessment of paraquat-evoked oxidative DNA damage.

Sex-dependent differences in the disposition of 2,4-dichlorophenoxyacetic acid in Sprague-Dawley rats, B6C3F1 mice, and Syrian hamsters.

Mitochondria-mediated cell injury. Symposium overview.

Quantitative distributions of different cholinesterases and inhibition of acetylcholinesterase by metidathion and paraquat in alimentary canal of common carp.

Cancer mortality in workers exposed to phenoxy herbicides, chlorophenols, and dioxins. An expanded and updated international cohort study.

Cellular toxicity of 2,4,5-trichlorophenoxyacetic acid: formation of 2,4,5-trichlorophenoxyacetylcholine.

Effects of oxygen pressure and medium volume on the toxicity of paraquat in rat and human type II pneumocytes.

Pesticides and cancer.

Influence of benzo[a]phenothiazines on the element content of two tobacco tissue cultures differing in hormone requirement.

Studies on the effect of peroxisomicine on catalase activity in albino mice.

Serum dioxin and diabetes mellitus in veterans of Operation Ranch Hand.

Detection of drugs and poisons in postmortem tissues--determination of paraquat in tissues of rabbits buried underground.

Comparative in vitro and in vivo protein kinase C activation by selected pesticides and transition metal salts.

Effects of dichlobenil on ultrastructural morphology and cell replication in the mouse olfactory mucosa.

G-protein(S), G alpha q/G alpha 11, in the olfactory neuroepithelium of the channel catfish (*Ictalurus punctatus*) is altered by the herbicide, dichlobenil.

Comparison of HPLC and CE for the analysis of dichlorprop in a case of intoxication.

Dimethylarsinic acid treatment alters six different rat biochemical parameters: relevance to arsenic carcinogenesis.

Comparative pharmacokinetics of [14C]metosulam (N-[2,6-dichloro-3-methylphenyl]-5,7-dimethoxy-1,2,4-triazolo[1,5a]-pyrimidine-2-sulfonamide) in rats, mice and dogs.

Differential induction of adaptive responses by paraquat and hydrogen peroxide against the genotoxicity of methyl mercuric chloride, maleic hydrazide and ethyl methane sulfonate in plant cells in vivo.

Influence of dietary selenium on the disposition of arsenate in the female B6C3F1 mouse.

Induction of glutathione depletion, p53 protein accumulation and cellular transformation by tetrachlorohydroquinone, a toxic metabolite of pentachlorophenol.

Atrial natriuretic peptide accounts for increased cGMP in hypoxia-induced hypertensive rat lungs.

Acceleration of hypertensive cerebral injury by the inhibition of xanthine-xanthine oxidase system in stroke-prone spontaneously hypertensive rats.

Human neutrophils employ the myeloperoxidase-hydrogen peroxide-chloride system to convert hydroxy-amino acids into glycolaldehyde, 2-hydroxypropanal, and acrolein. A mechanism for the generation of highly reactive alpha-hydroxy and alpha,beta-unsaturated aldehydes by phagocytes at sites of inflammation.

Unique expression of HRF20 (CD59) in human nervous tissue.

Pentachlorophenol dermal absorption and disposition from soil in swine: effects of occlusion and skin microorganism inhibition.

Double immunocytochemistry in pre-embedding electron microscopy for the detection of neurotensin and tyrosine hydroxylase in the guinea pig, using two primary antisera raised in the same species.

[Effect of activity of semicarbazide-sensitive aminooxidases and cellular glutathione on the cytotoxic effect of allylamine, acrolein, and formaldehyde in human cultured endothelial cells].

Herbicide and estrogen effects on the metabolic activity of *Elliptio complanata* measured by calorimetry.

Role of fibronectin and sulfated proteoglycans in endothelial cell migration on a cultured smooth muscle layer.

Characteristics of the prolactin stimulation of iodide uptake into mouse mammary gland explants.

Dosimetry of chlorinated quinone metabolites of pentachlorophenol in the livers of rats and mice based upon measurement of protein adducts.

Hydrogen peroxide-induced impairment of reactivity in rat isolated aorta: potentiation by 3-amino-1,2,4-triazole.

A leucine-rich repeat containing receptor-like kinase marks somatic plant cells competent to form embryos.

Molecularly imprinted solid phase extraction of atrazine from beef liver extracts.

Hydrogen peroxide (H₂O₂) increases the steady-state mRNA levels of collagenase/MMP-1 in human dermal fibroblasts.

GDNF-induced neurite formation was stimulated by protein kinase inhibitors and suppressed by Ras inhibitors.

Immunization with alum-collagen II complex suppresses the development of collagen-induced arthritis in rats by deviating the immune response.

A collagen peptide motif activates tyrosine kinase-dependent calcium signalling pathways in human osteoblast-like cells.

Changes in collagen phenotypes during progression and regression of cardiac hypertrophy.

Effect of advanced glycation end product-modified albumin on tissue factor expression by monocytes.
Role of oxidant stress and protein tyrosine kinase activation.

Promotion of enzyme altered foci in female rat 2,3,3',4,4',5-hexachlorobiphenyl.

Dioxin exposure and cancer risk: a 15-year mortality study after the "Seveso accident".

Mutational evidence for control of cell adhesion through integrin diffusion/clustering, independent of ligand binding.

Dissociation of LPA-induced cytoskeletal contraction from stress fiber formation by differential localization of RhoA.

Defective endogenous nitric oxide-mediated modulation of cellular respiration in canine skeletal muscle after the development of heart failure.

The epidemiology of soft tissue sarcoma.

Markers of masked iron deficiency and effectiveness of EPO therapy in chronic renal failure.

[4-chloro-m-cresol-induced contractures of skeletal muscle specimen from patients at risk for malignant hyperthermia].

Thyroid hormones in the pathogenesis of lung hypoplasia and immaturity induced in fetal rats by prenatal exposure to nitrofen.

4-Chloro-m-cresol test--a possible supplementary test for diagnosis of malignant hyperthermia susceptibility.

Catalase mediates acetaldehyde formation from ethanol in fetal and neonatal rat brain.

Mitochondrial toxins in models of neurodegenerative diseases. I: In vivo brain hydroxyl radical production during systemic MPTP treatment or following microdialysis infusion of methylpyridinium or azide ions.

HDL causes mesangial cell mitogenesis through a tyrosine kinase-dependent receptor mechanism.

Thiamine uptake in human intestinal biopsy specimens, including observations from a patient with acute thiamine deficiency.

Tumor-specific expression of cytochrome P450 CYP1B1.

T cell responses to human type II collagen in patients with rheumatoid arthritis and healthy controls.

Classification of malignant hyperthermia-equivocal patients by 4-chloro-M-cresol.

Brief communication: childhood leukemia in a residential small town near Barcelona.

Remodeling after myocardial infarction in humans is not associated with interstitial fibrosis of noninfarcted myocardium.

Antimitotic intervention with colchicine alters the outcome of o-DCB-induced hepatotoxicity in Fischer 344 rats.

Induction of cytochrome P450 1B1 and catechol estrogen metabolism in ACHN human renal adenocarcinoma cells.

PET imaging of brain tumor with [methyl-11C]choline.

Tyrosine phosphorylation in DNA damage and cell death in hypoxic injury to LLC-PK1 cells.

Altered in vivo toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C-SRC deficient mice.

Hyporesponsiveness of inflamed human gingival fibroblasts from patients with chronic periodontal diseases against cell surface components of *Porphyromonas gingivalis*.

Functional link between tyrosine phosphorylation and human serotonin transporter gene expression.

Altered intracellular distribution of daunorubicin in immature acute myeloid leukemia cells.

Expression of the aryl hydrocarbon receptor (AhR) and AhR nuclear translocator during chick cardiogenesis is consistent with 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced heart defects.

Cancer mortality among rice growers in Novara Province, northern Italy.

Tyrosine kinase dependent expression of TGF-beta induced by stretch in mesangial cells.

Pulmonary expression of vascular endothelial growth factor and myosin isoforms in rats with congenital diaphragmatic hernia.

Role of iron in ischemia-reperfusion oxidative injury of rat lungs.

Functional characterization of a distinct ryanodine receptor mutation in human malignant hyperthermia-susceptible muscle.

Myogenin expression is necessary for commitment to differentiation and is closely related to src tyrosine kinase activity in quail myoblasts transformed with Rous sarcoma virus.

The clinical pharmacokinetics of levofloxacin.

[Complete remission achieved by L-asparaginase, vincristine and prednisolone (LVP) therapy in secondary leukemia (M5a type) with an MLL gene rearrangement].

Expression of CYP1B1 in human adult and fetal tissues and differential inducibility of CYP1B1 and CYP1A1 by Ah receptor ligands in human placenta and cultured cells.

Selected other effects and TEFs.

Interactions between 2,3,7,8-TCDD and PCBs as tumor promoters: limitations of TEFs.

Pesticides poisonings in clinical and medicolegal aspect.

Dioxins and the Ah receptor: probes to uncover processes in neuroendocrine development.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and congeners in infants. A toxicokinetic model of human lifetime body burden by TCDD with special emphasis on its uptake by nutrition.

(G586V) substitutions in the alpha 1 and alpha 2 chains of collagen I: effect of alpha-chain stoichiometry on the phenotype of osteogenesis imperfecta?

Contribution of ATP-sensitive potassium channels to hypoxic hyperpolarization in rat hippocampal CA1 neurons in vitro.

Organochlorine exposure and risk for breast cancer.

Continuous exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin inhibits the growth of surgically induced endometriosis in the ovariectomized mouse treated with high dose estradiol.

Mortality and cancer incidence among sawmill workers exposed to chlorophenate wood preservatives.

Early life stage toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish (*Danio rerio*).

Cytochrome P450 1A1 induction in rat lymphoid tissues following in vivo and in vitro exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin requires protein kinase C.

Modulation of TCDD-induced fetotoxicity and oxidative stress in embryonic and placental tissues of C57BL/6J mice by vitamin E succinate and ellagic acid.

Altered mechanical properties in aortic elastic tissue using glutaraldehyde/solvent solutions of various dielectric constant.

Gas chromatographic determination of residues of thyreostatic drugs in bovine muscle tissue using combined resin mediated methylation and extraction.

Mineral trioxide aggregate stimulates a biological response in human osteoblasts.

Is exposure to bacterial endotoxin a determinant of susceptibility to intoxication from xenobiotic agents?

Dose-response relationships for polyhalogenated dioxins and dibenzofurans following subchronic treatment in mice. I. CYP1A1 and CYP1A2 enzyme activity in liver, lung, and skin.

Inhibitory effects of genistein on ATP-sensitive K⁺ channels in rabbit portal vein smooth muscle.

Differential effect of hydrogen peroxide and superoxide anion on apoptosis and proliferation of vascular smooth muscle cells.

Differentiation and transforming growth factor-beta receptor down-regulation by collagen-alpha2beta1 integrin interaction is mediated by focal adhesion kinase and its downstream signals in murine osteoblastic cells.

Study of regulation of mitochondrial respiration in vivo. An analysis of influence of ADP diffusion and possible role of cytoskeleton.

Tissue factor pathway inhibitor in endothelial cells colocalizes with glycolipid microdomains/caveolae. Regulatory mechanism(s) of the anticoagulant properties of the endothelium.

Glypican-3 is a binding protein on the HepG2 cell surface for tissue factor pathway inhibitor.

Preliminary assessment of PCB risks to human and ecological health in the lower Passaic River.

Agrobacterium-mediated transformation of *Amaranthus hypochondriacus*: light- and tissue-specific expression of a pea chlorophyll a/b-binding protein promoter.

Transgenic orchardgrass (*Dactylis glomerata*) plants by direct embryogenesis from microprojectile bombarded leaf cells.

Cell- and tissue-specific metabolic activation of chemicals as determined by autoradiography: in vitro-in vivo correlations.

Percutaneous penetration of 2-phenoxyethanol through rat and human skin.

Deer antler does not represent a typical endochondral growth system: immunoidentification of collagen type X but little collagen type II in growing antler tissue.

Actions of 4-chloro-3-ethyl phenol on internal Ca²⁺ stores in vascular smooth muscle and endothelial cells.

There is temporal and spatial expression of alpha1 (IV), alpha2 (IV), alpha5 (IV), alpha6 (IV) collagen chains and beta1 integrins during the development of the basal lamina in an "in vitro" skin model.

Enhancement of plasminogen binding and fibrinolysis by chloropeptin I.

Cryopreservation of embryogenic tissue of a range of genotypes of sweet potato (*Ipomoea batatas* [L] Lam.) using an encapsulation protocol.

Purification and partial structural characterization of a fatty acid-binding protein from the liver of the South American armadillo *Chaetophractus villosus*.

Metabolism of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) by human cytochrome P4501B1.

Serum transcriptionally regulates Na(+)-K(+)-ATPase gene expression in vascular smooth muscle cells.

Inhibition of oxidative phosphorylation, vascular tone, and [Ca²⁺]_i in the perfused rat tail artery.

Oxidative phosphorylation in myocardial mitochondria 'in situ': a calorimetric study on permeabilized cardiac muscle preparations.

Estimation of total collagen and types I and III collagen in canine rotator cuff tendons.

Active and passive compliance of the fetal bovine bladder.

Arsenic-induced changes in certain neurotransmitter levels and their recoveries following chelation in rat whole brain.

Association of muscle-specific kinase MuSK with the acetylcholine receptor in mammalian muscle.

Extension of long cellular processes of hepatic stellate cells cultured on extracellular type I collagen gel by microtubule assembly: observation utilizing time-lapse video-microscopy.

Immunochemical, ³²P-postlabeling, and GC/MS detection of 4-aminobiphenyl-DNA adducts in human peripheral lung in relation to metabolic activation pathways involving pulmonary N-oxidation, conjugation, and peroxidation.

Endothelial cell apoptosis is accelerated by inorganic iron and heat via an oxygen radical dependent mechanism.

Role of 3,4-dichlorophenyl methyl sulfone, a metabolite of o-dichlorobenzene, in the changes in hepatic microsomal drug-metabolizing enzymes caused by o-dichlorobenzene administration in rats.

Down-regulation of gap junctional intercellular communication between osteoblastic MC3T3-E1 cells by basic fibroblast growth factor and a phorbol ester (12-O-tetradecanoylphorbol-13-acetate).

Induction in human osteoblastic cells (SaOS2) of the early response genes fos, jun, and myc by the amino terminal fragment (ATF) of urokinase.

Bioaccumulation and lack of toxicity of octachlorodibenzofuran (OCDF) and octachlorodibenzo-p-dioxin (OCDD) to early-life stages of zebra fish (*Brachydanio rerio*).

Antiarrhythmic and electrophysiological effects of the novel KATP channel opener, rilmakalim, in rabbit cardiac cells.

A pharmacokinetic analysis of interspecies extrapolation in dioxin risk assessment.

Interaction of *Escherichia coli* heat-stable enterotoxin B with cultured human intestinal epithelial cells.

Role of CYP1A2 in hepatic sequestration of dioxin: studies using CYP1A2 knock-out mice.

Specific attenuation of the pressure-induced contraction of rat cerebral artery by herbimycin A.

Optimisation of somatic embryogenesis in fourteen cultivars of sweet potato [*Ipomoea batatas* (L.) Lam.].

Mitochondrial Respiration and Hemoglobin Gene Expression in Barley Aleurone Tissue.

Undersulfation of proteoglycan sulfate stimulates the expression of basic fibroblast growth factor and protein synthesis but suppresses replication of coronary smooth muscle cells.

Endotoxin induces endothelial barrier dysfunction through protein tyrosine phosphorylation.

Glucose transporter expression in L6 muscle cells: regulation through insulin- and stress-activated pathways.

bFGF induces BCK promoter-driven expression in muscle via increased binding of a nuclear protein.

Expression of liver functions following sub-lethal and non-lethal doses of allyl alcohol and acetaminophen in the rat.

Synaptic physiology and mitochondrial function in crayfish tonic and phasic motor neurons.

Induction of heat shock proteins by tyrosine kinase inhibitors in rat cardiomyocytes and myogenic cells confers protection against simulated ischemia.

Growth-related signaling in vascular smooth muscle cells is deregulated by TCDD during the G0/G1 transition.

Expression and characterization of recombinant rat parathyroid hormone-related peptide (1-141) and an amino-terminally-truncated analogue (38-141).

Angiotensin II stimulates mitogen-activated protein kinases and protein synthesis by a Ras-independent pathway in vascular smooth muscle cells.

First Report of Leaf Scald Disease and Ratoon Stunting Disease of Sugarcane in French Guyana.

Endothelial cells protect vascular smooth muscle cells from H₂O₂ attack.

Comparative biochemical analysis of sea urchin peristome and rat tail tendon collagen.

Influence of substituent of direct dye having bisphenylenebis(azo) skeletal structure on structure of nascent cellulose produced by *Acetobacter xylinum* [I]: different influence of direct red 28, blue 1 and 15 on nascent structure.

The involvement of reactive oxygen species and arachidonic acid in alpha 1-adrenoceptor-induced smooth muscle cell proliferation and migration.

The role of tyrosine phosphorylation in lipopolysaccharide- and zymosan-induced procoagulant activity and tissue factor expression in macrophages.

Separation of extracts from biological tissues into polycyclic aromatic hydrocarbon, polychlorinated biphenyl and polychlorinated dibenzo-p-dioxin/polychlorinated dibenzofuran fractions prior to analysis.

Synthesis of [9-¹⁴C]nonanoic acid via 2-thienyl(¹⁴CH₃)(cyano)cuprate and its oxidation by newborn piglet muscle strips.

High frequency production of embryos from liquid flask cultures of oilseed rape.

Angiotensin II activates the beta 1 isoform of phospholipase C in vascular smooth muscle cells.

Hrp12, a novel heat-responsive, tissue-specific, phosphorylated protein isolated from mouse liver.

Baseline studies in the Slave River, NWT, 1990-1994: Part II. Body burden contaminants in whole fish tissue and livers.

Oxidative stress mediates impairment of muscle function in transgenic mice with elevated level of wild-type Cu/Zn superoxide dismutase.

Variation in transformation frequencies among six common wheat cultivars through particle bombardment of scutellar tissues.

Multiplicity of antioxidant enzyme catalase in mouse liver cells.

Neuroprotective action of cycloheximide involves induction of bcl-2 and antioxidant pathways.

Intracellular calcium buffering declines in aging adrenergic nerves.

Synthesis and smooth muscle calcium channel effects of dialkyl 1,4-dihydro-2,6-dimethyl-4-aryl-3,5-pyridinedicarboxylates containing a nitron moiety in the 4-aryl substituent.

The relative susceptibility of animals and humans to the carcinogenic hazard posed by exposure to 2,3,7,8-TCDD: an analysis using standard and internal measures of dose.

Lipid extraction from blood and biological samples and concentrations of dioxin-like compounds.

AMP-deaminases from chicken and rabbit muscle: partial primary sequences of homologous 17-kDa CNBr fragments: autorecognition by rabbit anti-[chicken AMPD].

Increase of glycocalyx and altered lectin agglutination profiles of *Pasteurella haemolytica* A1 after incubation in bovine subcutaneous tissue chambers in vivo or in ruminant serum in vitro.

How knockout mouse lines will be used to study the role of drug-metabolizing enzymes and their receptors during reproduction and development, and in environmental toxicity, cancer, and oxidative stress.

Quantitation of collagen types I, III and V in tissue slices by capillary electrophoresis after cyanogen bromide solubilization.

Redox stress and hepatic DNA fragmentation induced by diquat in vivo are not accompanied by increased 8-hydroxydeoxyguanosine contents.

Identification of atrial-specific myosin heavy chain in cardiac muscle of adult chickens.

Effects of hypoxia on valve-closure time and bioaccumulation of 2,4,5-trichlorophenol by the freshwater clam *Sphaerium corneum* [L].

Aldose reductase induction: a novel response to oxidative stress of smooth muscle cells.

Death following intentional methyl bromide poisoning: toxicological data and literature review.

A continuous spectrophotometric assay for monoamine oxidase and related enzymes in tissue homogenates.

Polymerase chain reaction-based cloning of alkyl-dihydroxyacetonephosphate synthase complementary DNA from guinea pig liver.

Identification of the pH sensor for nucleotide binding in the uncoupling protein from brown adipose tissue.

Characterization of hepatic metallothionein expression in channel catfish (*Ictalurus punctatus*) by reverse transcriptase polymerase chain reaction.

Bioaccumulation profiles of polychlorinated biphenyls including coplanar congeners and possible toxicological implications in Baikal seal (*Phoca sibirica*).

Influences of altered phytohormone use on endogenous ABA and mRNA populations during white spruce (*Picea glauca*) somatic embryo culture.

Differential effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the expression of prostaglandin-H synthase isoenzymes in mouse tissues.

Topographic localization of calretinin, calbindin, VIP, substance P, CCK and metabotropic glutamate receptor immunoreactive neurons in the supramammillary and related areas of the rat.

DNA adduct formation in primary mouse embryo cells induced by 7H-dibenzo[c,g]carbazole and its organ-specific carcinogenic derivatives.

Reduced glutathione inhibits rabbit and rat skeletal muscle lactate dehydrogenase and prevents dinitrophenol induced extracellular acidification by an epithelial cell line.

[The use of the complexometric indicator glycine cresol red as a stain in neurohistology].

Effects of K⁺ channel inhibitors and antagonists on NS-004 evoked relaxations in guinea-pig isolated trachea.

Regulation of inducible nitric oxide synthase expression in L6 rat skeletal muscle cells.

Fluid flow induces enhancement of the Egr-1 mRNA level in osteoblast-like cells: involvement of tyrosine kinase and serum.

Suspected herbicide toxicosis in a dog.

Human bronchial smooth muscle responsiveness after in vitro exposure to oxidizing pollutants.

Action of the herbicide butachlor on cholinesterases in the freshwater snail *Pila globosa* (Swainson).

Acute, subchronic and chronic 2,4-dichlorophenoxyacetic acid (2,4-D) intoxication in rats.

Pesticide application and increased dioxin body burden in male and female agricultural workers in China.

No changes in behaviour, nigro-striatal system neurochemistry or neuronal cell death following toxic multiple oral paraquat administration to rats.

Cancer mortality in German male workers exposed to phenoxy herbicides and dioxins.

Pesticide applicators, biocides, and birth defects in rural Minnesota.

Experience with acute paraquat poisoning in Crete.

Vertebral deformity susceptibilities of marine fishes exposed to herbicide.

Construction of a physiologically based pharmacokinetic model for 2,4-dichlorophenoxyacetic acid dosimetry in the developing rabbit brain.

Detection of 1, N²-propanodeoxyguanosine adducts as potential endogenous DNA lesions in rodent and human tissues.

DNA damage induced in mouse tissues by organic wood preserving waste extracts as assayed by 32P-postlabeling.

Effects of paraquat on mitochondrial electron transport system and catecholamine contents in rat brain.

Paraquat causes S-phase arrest of rat liver and lung cells in vivo.

Effect of 3-aminotriazole on hyperthermia-mediated cardioprotection in rabbits.

The feeding value of soybeans fed to rats, chickens, catfish and dairy cattle is not altered by genetic incorporation of glyphosate tolerance.

Induction of micronuclei in haemocytes and gill cells of zebra mussels, *Dreissena polymorpha*, exposed to clastogens.

Metabolism and distribution of [2,3-¹⁴C]acrolein in Sprague-Dawley rats.

A phosphonate monoester hydrolase from *Burkholderia caryophylli* PG2982 is useful as a conditional lethal gene in plants.

Mechanism mediating basolateral transport of 2,4-dichlorophenoxyacetic acid in rat kidney.

Development of friable embryogenic callus and embryogenic suspension culture systems in cassava (*Manihot esculenta* Crantz).

Metabolic activation of 2,6-dichlorobenzonitrile, an olfactory-specific toxicant, by rat, rabbit, and human cytochromes P450.

Effect of pentachlorophenol on calcium accumulation in barnacle muscle cells.

Increases in tissue levels of ubiquinone in association with peroxisome proliferation.

Effect of oxidative insult on young and adult cardiac muscle cells in vitro.

Decreased liver type I 5'-deiodinase and increased brown adipose tissue type II 5'-deiodinase activity in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treated Long-Evans rats.

Mass spectrometric mapping of protein epitope structures of myocardial infarct markers myoglobin and troponin T.

Extraction and protein sequencing of immunoglobulin light chain from formalin-fixed cerebrovascular amyloid deposits.

Oxidative DNA damage induced by activation of polychlorinated biphenyls (PCBs): implications for PCB-induced oxidative stress in breast cancer.

Methyl iodide poisoning: report of two cases.

Variable clinical expression in a family with OI type IV due to deletion of three base pairs in COL1A1.

Developmental toxicity of Exell, a surfactant mixture, in rats and rabbits.

Interactive effects between 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,2',4,4',5,5'-hexachlorobiphenyl in female B6C3F1 mice: tissue distribution and tissue-specific enzyme induction.

Tyrosine phosphorylation is crucial for growth signaling by tissue inhibitors of metalloproteinases (TIMP-1 and TIMP-2).

150-kD oxygen-regulated protein is expressed in human atherosclerotic plaques and allows mononuclear phagocytes to withstand cellular stress on exposure to hypoxia and modified low density lipoprotein.

Increased concentrations of octachlorodibenzo-p-dioxin in cases with breast cancer--results from a case-control study.

Gaseous disinfection of *Cryptosporidium parvum* oocysts.

Functional interference between hypoxia and dioxin signal transduction pathways: competition for recruitment of the Arnt transcription factor.

Evaluating the antioxidant potential of new treatments for inflammatory bowel disease using a rat model of colitis.

Cause specific mortality and cancer incidence among employees exposed to 2,3,7,8-TCDD after a 1953 reactor accident.

Role of endothelium-derived nitric oxide in the modulation of canine myocardial mitochondrial respiration in vitro. Implications for the development of heart failure.

Photosensitization of uroporphyrin augments the ultraviolet A-induced synthesis of matrix metalloproteinases in human dermal fibroblasts.

Fulminant malignant hyperthermia associated with ketoacidotic diabetic coma.

Decreased pulmonary nitric oxide synthase activity in the rat model of congenital diaphragmatic hernia.

In ovo 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in three avian species. 1. Effects on thyroid hormones and growth during the perinatal period.

Monoclonal antibody to single-stranded DNA is a specific and sensitive cellular marker of apoptosis.

Mechanisms of colon cancer binding to substratum and cells.

4-Chloro-m-cresol: a specific tool to distinguish between malignant hyperthermia-susceptible and normal muscle.

[The determination of toxic compounds with a dinitrophenol structure in the forensic chemical study of cadaveric material].

Diagnostic criteria for selenium toxicosis in aquatic birds: dietary exposure, tissue concentrations, and macroscopic effects.

In utero and lactational exposure of female Holtzman rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin: modulation of the estrogen signal.

Cancer incidence and specific occupational exposures in the Swedish leather tanning industry: a cohort based case-control study.

Variable effects of tyrosine kinase inhibitors on avian osteoclastic activity and reduction of bone loss in ovariectomized rats.

Lung collagen cross-links in rats with experimentally induced pulmonary fibrosis.

Male sterility in transgenic tobacco plants induced by tapetum-specific deacetylation of the externally applied non-toxic compound N-acetyl-L-phosphinothricin.

Studies on the mechanism of hepatotoxicity of 4-methylphenol (p-cresol): effects of deuterium labeling and ring substitution.

Evaluation of toxicity and sex-related variation of PCB levels in Mediterranean striped dolphins affected by an epizootic.

Osteopontin activation of c-src in human melanoma cells requires the cytoplasmic domain of the integrin alpha v-subunit.

Promotion of endometriosis by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats and mice: time-dose dependence and species comparison.

Cells in vivo and in vitro from osteopetrotic mice homozygous for c-src disruption show suppression of synthesis of osteopontin, a multifunctional extracellular matrix protein.

Detection of toluene in an adipoceratous body.

Synthesis of [11C-methyl]-alpha-aminoisobutyric acid (AIB).

Inhibition of Fc epsilon-RI-mediated activation of rat basophilic leukemia cells by Clostridium difficile toxin B (monoglucosyltransferase).

Supernumerary lumbar rib: manifestation of basic alteration in embryonic development of ribs.

Deletion of a Gly-Pro-Pro repeat in the pro alpha2(I) chain of procollagen I in a family with dominant osteogenesis imperfecta type IV.

Interaction of a recombinant form of apolipoprotein[a] with human fibroblasts and with the human hepatoma cell line HepG2.

Balloon angioplasty significantly increases collagen content but does not alter collagen subtype I/III ratios in the atherosclerotic rabbit iliac model.

The effect of intra-articular capsaicin on nerve fibres within the synovium of the rat knee joint.

Immunity to the G1 globular domain of the cartilage proteoglycan aggrecan can induce inflammatory erosive polyarthritis and spondylitis in BALB/c mice but immunity to G1 is inhibited by covalently bound keratan sulfate in vitro and in vivo.

Cell cycle defect in connection with oxygen and iron sensitivity in Fanconi anemia lymphoblastoid cells.

Altered contractility of rabbit penile corpus cavernosum smooth muscle by hypoxia.

Energy-ubiquitin-dependent muscle proteolysis during sepsis in rats is regulated by glucocorticoids.

Arsenite, but not cadmium, induces ornithine decarboxylase and heme oxygenase activity in rat liver: relevance to arsenic carcinogenesis.

Monoclonal antibody directed to a fibrinogen A alpha #529-539 epitope inhibits alpha-chain crosslinking by transglutaminases.

Effects of iron replenishment on iron, calcium, phosphorus and magnesium metabolism in iron-deficient rats.

Splice site mutation causing deletion of exon 21 sequences from the pro alpha 2(I) chain of type I collagen in a patient with severe dentinogenesis imperfecta but very mild osteogenesis imperfecta.

Cancers of skin, bone, connective tissues, brain, eye, thyroid and other specified and unspecified sites in Inuit.

Gly802Asp substitution in the pro alpha 2(I) collagen chain in a family with recurrent osteogenesis imperfecta due to paternal mosaicism.

Mutation in the carboxy-terminal propeptide of the Pro alpha 1(I) chain of type I collagen in a child with severe osteogenesis imperfecta (OI type III): possible implications for protein folding.

Comparative epitope mapping of antibodies to collagen in women with silicone breast implants, systemic lupus erythematosus and rheumatoid arthritis.

On the mechanism of the differential effects of NS004 and NS1608 in smooth muscle cells from guinea pig bladder.

Plant regeneration from somatic embryos of *Taxus brevifolia*.

Pharmacokinetic model of dioxin and furan levels in adipose tissue from sawmill work involving chlorophenolate fungicides.

Mitogen-activated protein kinase (ERK1/2) activation by shear stress and adhesion in endothelial cells. Essential role for a herbimycin-sensitive kinase.

Subcellular localization of TCDD differs between the liver, lungs, and kidneys after acute and subchronic exposure: species/dose comparisons and possible mechanism.

Basal metabolism of intraperitoneally injected carrier-free ⁷⁴As-labeled arsenate in rabbits.

Evidence that fibroblast growth factors 1 and 4 participate in regulation of cardiogenesis.

Stereoselective action of (R*,R*)-(+/-)-methyl-4-[2-[2-hydroxy-2-(3-chlorophenyl)ethylamino] propyl]-phenoxyacetic acid (BRL37344) on beta-adrenoceptors and metabolic chiral inversion.

Binding of tissue factor pathway inhibitor to cultured endothelial cells-influence of glycosaminoglycans.

Coagulation factors VII and X induce Ca²⁺ oscillations in Madin-Darby canine kidney cells only when proteolytically active.

Inducibility of cytochromes P-450 by dioxin in liver and extrahepatic tissues of the marmoset monkey (*Callithrix jacchus*).

Advancing age alters intracellular calcium buffering in rat adrenergic nerves.

TCDD endrin and lindane induced increases in lipid metabolites in maternal sera and amniotic fluids of pregnant C57BL/6J and DBA/2J mice.

SR Ca²⁺ pump heterogeneity in coronary artery: free radicals and IP₃-sensitive and -insensitive pools.

Rapid distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) to embryonic tissues in C57BL/6N mice and correlation with palatal uptake in vitro.

Inhibitory effect of tyrosine kinase inhibitors on antigen-induced tracheal contraction and histamine release in guinea pigs.

Tissue-specific 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible expression of human UDP-glucuronosyltransferase UGT1A6.

Subchronic dispositional and toxicological effects of arsenate administered in drinking water to mice.

Degradation of cross-linked fibrin by matrix metalloproteinase 3 (stromelysin 1): hydrolysis of the gamma Gly 404-Ala 405 peptide bond.

Higher concentrations of specific polychlorinated biphenyl congeners in adipose tissue from non-Hodgkin's lymphoma patients compared with controls without a malignant disease.

Lymphocyte adhesive interactions with cultured parotid salivary gland epithelial cells from rats.

Serum albumin is a specific inhibitor of apoptosis in human endothelial cells.

Human and rat airway smooth muscle responsiveness after ozone exposure in vitro.

Validation of precision-cut liver slices in dynamic organ culture as an in vitro model for studying CYP1A1 and CYP1A2 induction.

Additive interactions between pairs of polybrominated dibenzo-p-dioxin, dibenzofuran, and biphenyl congeners in a rainbow trout early life stage mortality bioassay.

Baculovirus-mediated expression and characterization of rat CYP2A3 and human CYP2a6: role in metabolic activation of nasal toxicants.

Freeze-induced shrinkage of individual cells and cell-to-cell propagation of intracellular ice in cell chains from salivary glands.

Plant regeneration in Kentucky bluegrass (*Poa pratensis* L.) via coleoptile tissue cultures.

TCDD, endrin and lindane induced oxidative stress in fetal and placental tissues of C57BL/6J and DBA/2J mice.

Gender differences in the mechanism of dioxin toxicity in rodents and in nonhuman primates.

Effects of photoreceptor metabolism on interstitial and glial cell pH in bee retina: evidence of a role for NH₄⁺.

Isolation and primary culture of rat cerebral microvascular endothelial cells for studying drug transport in vitro.

Differential regulation of mouse Ah receptor gene expression in cell lines of different tissue origins.

Epithelium-linked smooth muscle hyperresponsiveness in ferret tracheae exposed to acrolein.

2,3,7,8-Tetrachlorodibenzo-p-dioxin affects retinol esterification in rat hepatic stellate cells and kidney.

Cryopreservation of non-encapsulated embryogenic tissue of sweet potato (*Ipomoea batatas*).

Increased intracellular levels of calcitonin gene-related peptide-like immunoreactivity in pulmonary endocrine cells in an experimental model of congenital diaphragmatic hernia.

[Endothelin-stimulated proliferation of thoracic artery smooth muscle cells involves activation of mitogen-activated protein kinase].

Extracellular matrix is required for skeletal muscle differentiation but not myogenin expression.

Platelet-activating factor (PAF) induces the early tyrosine phosphorylation of focal adhesion kinase (p125FAK) in human endothelial cells.

Isolation and characterization of glutamine synthetase from the marine diatom *Skeletonema costatum*.

Efficient tissue repair underlies the resiliency of postnatally developing rats to chlordecone + CCl₄ hepatotoxicity.

Tumor necrosis factor alpha-induced vascular leakage involves PECAM1 phosphorylation.

Pharmacological study of atypical beta-adrenoceptors in rat esophageal smooth muscle.

[Two components of sodium-azide insensitive Mg²⁺,ATP-dependent Ca²⁺ transport in ureteral smooth muscle membrane structures].

Movement of carboxyfluorescein across retinal pigment epithelium-choroid.

Protein kinase C activation inhibits stress-induced synthesis of heat shock protein 27 in osteoblast-like cells: function of arachidonic acid.

Intestinal HT-29 cells with dysfunction of E-cadherin show increased pp60src activity and tyrosine phosphorylation of p120-catenin.

Transport pathway, maturation, and targetting of the vesicular stomatitis virus glycoprotein in skeletal muscle fibers.

Toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in two substrains of male Long-Evans rats after intravenous injection.

Fibroblast growth factor-2 stimulates embryonic cardiac mesenchymal cell proliferation.

The capability of rat colon tissue slices to metabolize the cooked-food carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine.

Interaction of a troponin I inhibitory peptide with both domains of troponin C.

Herbimycin A inhibits protein kinase C in vascular smooth muscle cells.

Acute ethanol administration induces oxidative changes in rat pancreatic tissue.

Relative potencies of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls derived from hepatic porphyrin accumulation in mice.

Comparison of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) disposition following pulmonary, oral, dermal, and parenteral exposures to rats.

The role of toxicology in the evaluation of new agrochemicals.

Movement of yeast cortical actin cytoskeleton visualized in vivo.

Expression and herbimycin A-sensitive localization of pp125FAK in retinal growth cones.

Differences in binding of epidermal growth factor to liver membranes of TCDD-resistant and TCDD-sensitive rats after a single dose of TCDD.

Modulation of Ca²⁺ channel activity by ATP metabolism and internal Mg²⁺ in guinea-pig basilar artery smooth muscle cells.

Cell kinetics of repair after allyl alcohol-induced liver necrosis in mice.

Mechanism of endothelial cell shape change and cytoskeletal remodeling in response to fluid shear stress.

Disposition characteristics of plasmid DNA in the single-pass rat liver perfusion system.

src-related tyrosine kinases regulate transcriptional activation of the interstitial collagenase gene, MMP-1, in interleukin-1-stimulated synovial fibroblasts.

Mechanical strain induces pp60src activation and translocation to cytoskeleton in fetal rat lung cells.

Acetylsalicylic acid enhances and synchronizes thidiazuron-induced somatic embryogenesis in geranium (*Pelargonium x hortorum* Bailey) tissue cultures.

Mammalian plasma and tissue-bound semicarbazide-sensitive amine oxidases: biochemical, pharmacological and toxicological aspects.

Analytical findings in a suicide involving sodium azide.

Osteoclast demise in the rat: physiological versus degenerative cell death.

Insulin receptor in *Aplysia* neurons: characterization, molecular cloning, and modulation of ion currents.

The aryl-hydrocarbon receptor, but not the aryl-hydrocarbon receptor nuclear translocator protein, is rapidly depleted in hepatic and nonhepatic culture cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Induction of CYP1A1 and ALDH-3 in lymphoid tissues from Fisher 344 rats exposed to 2,3,7,8-tetrachlorodibenzodioxin (TCDD).

Agrin-induced acetylcholine receptor clustering in mammalian muscle requires tyrosine phosphorylation.

Elimination of polychlorinated dibenzo-p-dioxins and dibenzofurans in occupationally exposed persons.

Affinity Labeling of the active site of rabbit muscle adenylosuccinate lyase by 2-[(4-bromo-2,3-dioxobutyl)thio] adenosine 5'-monophosphate.

Pharmacokinetics of TCDD in veterans of Operation Ranch Hand: 10-year follow-up.

Development of a caffeine breath test to measure cytochrome P450-1A activity in birds.

4-Chloro-m-cresol, a potent and specific activator of the skeletal muscle ryanodine receptor.

Rapid and repetitive plant regeneration in sweetpotato via somatic embryogenesis.

Concentrations of polychlorinated dibenzo-p-dioxins and dibenzofurans in human placental and fetal tissues from the U.S. and in placentas from Yu-Cheng exposed mothers.

Health risk assessment for inuit newborns exposed to dioxin-like compounds through breast feeding.

Radiosynthesis of [123I]N-methyl-4-iododexetimide and [123I]N-methyl-4-iodolevetimide: in vitro and in vivo characterisation of binding to muscarinic receptors in the rat heart.

Biochemical characterization of the effects of the benzodiazepine, midazolam, on mitochondrial electron transfer.

3,3',4,4'-tetrachloroazobenzene absorption, disposition, and metabolism in male Fischer 344 rats.

Hormonal regulation of S-adenosylmethionine synthase transcripts in pea ovaries.

Lysophosphatidic acid-induced neurite retraction in PC12 cells: control by phosphoinositide-Ca²⁺ signaling and Rho.

Synergistic action of NS-004 and internal Ca²⁺ concentration in modulating pulmonary artery K⁺ channels.

The acute and chronic effects of alcohol upon cardiac nucleotide status.

Maintenance of the K⁺ activity gradient in insect muscle compared in diptera and lepidoptera: contributions of metabolic and exchanger mechanisms.

Protective action of dehydroascorbic acid on the Ah receptor-dependent and receptor-independent induction of lipid peroxidation in adipose tissue of male guinea pig caused by TCDD administration.

Comparison of the toxicity of allyl alcohol, coumarin and menadione in precision-cut rat, guinea-pig, cynomolgus monkey and human liver slices.

Comparison of the expression of a plastidic chaperonin 60 in different plant tissues and under photosynthetic and non-photosynthetic conditions.

The effect of 2,4-dichlorophenol on lipid peroxidation in tissues of guinea pigs with different ascorbic acid intake.

Arsenic induces oxidant stress and NF-kappa B activation in cultured aortic endothelial cells.

Strain differences in tissue repair response to 1,2-dichlorobenzene.

Elucidating the mechanism of cortical microtubule reorientation in plant cells.

Dose-dependent kinetics and metabolism of 1,2-dichlorobenzene in rat: effect of pretreatment with phenobarbital.

Expression of hepatic pyruvate carboxylase mRNA in C57BL/6J Ah(b/b) and congenic Ah((d/d)) mice exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Aryl hydrocarbon receptor mRNA levels in different tissues of 2,3,7,8-Tetrachlorodibenzo-p-dioxin-responsive and nonresponsive mice.

Expression of abundant mRNAs during somatic embryogenesis of white spruce [*Picea glauca* (Moench) Voss].

Chick sensory neuronal growth cones distinguish fibronectin from laminin by making substratum contacts that resemble focal contacts.

Involvement of tyrosine phosphorylation in endothelial adhesion molecule induction.

Metabolism of [Des-Gly10,D-Trp6]LHRH ethylamide in rabbit nasal tissue.

A mechanistic model of effects of dioxin on thyroid hormones in the rat.

Tissue distribution after a single subcutaneous administration of 2,3,7,8-tetrabromodibenzo-p-dioxin in comparison with toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Wistar rats.

Effect of glutathione depletion on metallothionein synthesis induced by paraquat in mice.

Enhancement of paraquat toxicity by glutathione depletion in mice in vivo and in vitro.

Modifications of neurofilament proteins by possible metabolites of allyl chloride in vitro.

Acrolein-induced smooth muscle hyperresponsiveness and eicosanoid release in excised ferret tracheae.

Effects of acute 2,4-dichlorophenoxyacetic acid on cattle serum components and enzyme activities.

Enhancement of tissue lipoperoxidation in propanil-treated rats.

Toxicology of 2,4-dichlorophenoxyacetic acid (2,4-D) and its determination in serum and brain tissue using gas chromatography-electron-capture detection.

The role of free radicals in paraquat-induced corneal lesions.

Soft tissue sarcoma and non-Hodgkin's lymphoma in workers exposed to phenoxy herbicides, chlorophenols, and dioxins: two nested case-control studies.

The purported link between agent orange and cancer.

Developmental toxicity of the substituted phenylurea herbicide isoproturon in rats.

Toxicity of cotoran (fluometuron) in Desert sheep.

The metabolism and DNA binding of the cooked-food mutagen, 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in precision-cut rat liver slices.

Paraquat--a superoxide generator--kills neurons in the rat spinal cord.

Determination of paraquat in biologic materials by a simplified solid phase extraction and spectrophotometry.

Serum biochemical and histopathological changes related to the hepatic function in pigs following atrazine treatment.

Agent Orange and the Vietnamese: the persistence of elevated dioxin levels in human tissues.

Rapid decreases in indigenous covalent DNA modifications (I-compounds) of male Fischer-344 rat liver DNA by diquat treatment.

Cancer induction by an organic arsenic compound, dimethylarsinic acid (cacodylic acid), in F344/DuCrj rats after pretreatment with five carcinogens.

The influence of glutathione and detoxifying enzymes on DNA damage induced by 2-alkenals in primary rat hepatocytes and human lymphoblastoid cells.

Acute-phase reactant proteins and antioxidants in rats intoxicated chronically with paraquat.

Toxicity of 3-methylindole, 1-nitronaphthalene and paraquat in precision-cut rat lung slices.

Exposure to polychlorinated dioxins and furans (PCDD/F) and mortality in a cohort of workers from a herbicide-producing plant in Hamburg, Federal Republic of Germany.

Pentachlorophenol accumulation in the freshwater mussels *Anodonta anatina* and *Pseudanodonta complanata*, and some physiological consequences of laboratory maintenance.

Cigarette smoke inhibits lung fibroblast proliferation and chemotaxis.

Mutations associated with amyotrophic lateral sclerosis convert superoxide dismutase from an antiapoptotic gene to a proapoptotic gene: studies in yeast and neural cells.

The acute effects of ethanol and acetaldehyde on the synthesis of mixed and contractile proteins of the jejunum.

[A microtitration variant of the latex agglutination reaction in the diagnosis of leprosy].

Antioxidative roles of metallothionein and manganese superoxide dismutase induced by tumor necrosis factor-alpha and interleukin-6.

Simple method for analysis of diquat in biological fluids and tissues by high-performance liquid chromatography.

Benzoyl-coenzyme A reductase (dearomatizing), a key enzyme of anaerobic aromatic metabolism. ATP dependence of the reaction, purification and some properties of the enzyme from *Thaueria aromatica* strain K172.

Tandem mass spectrometry of herbicide residues in lipid-rich tissue.

Gastric metabolism of ethanol in Syrian golden hamster.

Isolation and characterization of rat primary lung cells.

Effects of drinking pattern on the peak/trough blood concentrations in drinking water studies.

Protective effects of prostaglandin E2 on the paraquat-induced constriction of the fetal ductus arteriosus in the rat.

Oxidative stress in the plant tissue culture environment.

Metabolic activation of the olfactory toxicant, dichlobenil, in rat olfactory microsomes: comparative studies with p-nitrophenol.

The tyramine-labelled vesicular transporter for dopamine: a putative target of pesticides and neurotoxins.

Reorganization of microfilaments in protonemal tip cells of the moss *Ceratodon purpureus* during the phototropic response.

Diquat increases cysteine proteinase inhibitors greatly in rat plasma and tissues.

Metabolic deactivation of the herbicide thiazopyr by animal liver esterases.

Regulation of arylsulfate sulfotransferase from a human intestinal bacterium by nucleotides and magnesium ion.

Type 1 collagen synthesis by skin fibroblasts from 17 patients with osteogenesis imperfecta type III.

Nerve growth factor prevents apoptosis of rat peritoneal mast cells through the trk proto-oncogene receptor.

Biologically bounded risk assessment for receptor-mediated nongenotoxic carcinogens.

Flow sorting of the Y sex chromosome in the dioecious plant *Melandrium album*.

Expression of iNOS in cultured rat pulmonary artery smooth muscle cells is inhibited by the heat shock response.

Fibroblasts isolated after fibrotic lung injury induce apoptosis of alveolar epithelial cells in vitro.

Tissue-specific effects of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) on the activity of phosphoenolpyruvate carboxykinase (PEPCK) in rats.

PPAR: a mediator of peroxisome proliferator action.

Ornithine decarboxylase- and ras-induced cell transformations: reversal by protein tyrosine kinase inhibitors and role of pp130CAS.

Isolation of leukocytes infiltrating the islets of Langerhans of diabetes-prone mice for flow cytometric analysis.

Collagen type in dysfunctional temporomandibular joint disks.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on anti-CD3-induced changes in T-cell subsets and cytokine production.

Effect of orthovanadate on commitment of avian myoblasts transformed with Rous sarcoma virus to myogenic differentiation.

[Fatal sodium azide poisoning in a hospital: a preventable accident].

Organochlorine compounds and estrogen-related cancers in women.

Quantitative analysis of collagen and collagen subtypes I, III, and V in human pancreatic cancer, tumor-associated chronic pancreatitis, and alcoholic chronic pancreatitis.

Immune response to *Schistosoma mansoni* phosphoglycerate kinase during natural and experimental infection: identification of a schistosome-specific B-cell epitope.

Anti-collagen antibodies in systemic sclerosis and in primary Raynaud's phenomenon.

Persistence of TCDD-induced hepatic cell proliferation and growth of enzyme altered foci after chronic exposure followed by cessation of treatment in DEN initiated female rats.

Substitutions of aspartic acid for glycine-220 and of arginine for glycine-664 in the triple helix of the pro alpha 1(I) chain of type I procollagen produce lethal osteogenesis imperfecta and disrupt the ability of collagen fibrils to incorporate crystalline hydroxyapatite.

Mycotrienins. A new class of potent inhibitors of osteoclastic bone resorption.

Altered glycine transport by cerebral tissue and decreased Na⁺ and Ca⁺⁺ pump activities during organophosphorus-ester-induced delayed neurotoxicity development period.

Adaptation of Ehrlich ascites carcinoma cells to energy deprivation in vivo can be associated with heat shock protein accumulation.

Dietary exposure of mink to carp from Saginaw Bay, Michigan: 2. Hematology and liver pathology.

De novo mutation in the mitochondrial ATP synthase subunit 6 gene (T8993G) with rapid segregation resulting in Leigh syndrome in the offspring.

Identification and characterization of a major tolerogenic T-cell epitope of type II collagen that suppresses arthritis in B10.RIII mice.

Expression of cytokine mRNA in human melanoma tissues.

Negative selection in hepatic tumor promotion in relation to cancer risk assessment.

Free radical formation in autopsy samples of Alzheimer and control cortex.

Physiological and histological recovery of the olfactory mucosa of the frog after a dichlobenil injection.

Distribution of microsomal epoxide hydrolase and glutathione S-transferase in the rat olfactory mucosa: relevance to distribution of lesions caused by systemically-administered olfactory toxicants.

In utero 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) alters reproductive morphology and function in female rat offspring.

Possible involvement of focal adhesion kinase, p125FAK, in osteoclastic bone resorption.

Organochlorine residues in human breast milk: analysis through a sentinel practice network.

Large secretory structures at the cell surface imaged with scanning force microscopy.

Human hepatoma cell mutant defective in cell surface protein trafficking.

Type I collagen biosynthesis by skin fibroblasts from patients with idiopathic juvenile osteoporosis.

Effect of antibodies to membrane skeletal proteins on the shape of erythrocytes and their ability to respond to shape-modulating agents. Important role of 4.1 protein in the determination/maintenance of the discoid shape of erythrocytes.

Radiosyntheses of labeled beta-pseudothymidine ([C-11]- and [H-3]methyl) and its biodistribution and metabolism in normal and tumored mice.

The mechanism of action of the two-layer cold storage method in canine pancreas preservation-- protection of pancreatic microvascular endothelium.

Inhibition of apoptosis during 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated tumour promotion in rat liver.

Adipose tissue concentrations of dioxins and dibenzofurans in patients with malignant lymphoproliferative diseases and in patients without a malignant disease.

Dioxin--an analysis of the major human studies: comparison with animal-based cancer risks.

Alternative models for low dose-response analysis of biochemical and immunological endpoints for tetrachlorodibenzo-p-dioxin.

The role of protein kinase in human synovial fibroblast growth.

Spreading and focal contact formation of human melanoma cells in response to the stimulation of both melanoma-associated proteoglycan (NG2) and alpha 4 beta 1 integrin.

Immune system impairment and hepatic fibrosis in mice lacking the dioxin-binding Ah receptor.

Subchronic dose-response study of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats.

Postischemic proximal tubular resistance to oxidant stress and Ca²⁺ ionophore-induced attack. Implications for reperfusion injury.

Influence of five methylsulphonyl PCB congeners on frequency of micronucleated cells in cultured human lymphocytes by cytokinesis block method.

Identity and pathogenesis of stomach tumors in Sprague-Dawley rats associated with the dietary administration of butachlor.

Induction of endometriosis in mice: a new model sensitive to estrogen.

Workers' response to risk notification.

Presentation of cartilage proteoglycan to a T cell hybridoma derived from a mouse with proteoglycan-induced arthritis.

Antibody reactivity to mycobacterial 65 kDa heat shock protein: relevance to autoimmunity.

Variation in the expression and/or phosphorylation of the human low molecular weight stress protein during in vitro cell differentiation.

Activation of mesangial cells by the phosphatase inhibitor vanadate. Potential implications for diabetic nephropathy.

Exposure to TCDD during development permanently alters reproductive function in male Long Evans rats and hamsters: reduced ejaculated and epididymal sperm numbers and sex accessory gland weights in offspring with normal androgenic status.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) distribution and cytochrome P4501A induction in young adult and senescent male mice.

Local and remote matrix responses to chondrocyte-laden collagen scaffold implantation in extensive articular cartilage defects.

[The influence of 2,4-dinitrophenol on the temperature effect of muscle contraction in experimental hyperthyroidism].

A novel application of a competitive binding model in dioxin risk assessment.

A radiographic, morphologic, biochemical and molecular analysis of a case of achondrogenesis type II resulting from substitution for a glycine residue (Gly691-->Arg) in the type II collagen trimer.

Host resistance to *Trichinella spiralis* infection in rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Embryonic cell death patterns associated with nitrofen-induced congenital diaphragmatic hernia.

Effect of epidermal growth factor on cadherin-mediated adhesion in a human oesophageal cancer cell line.

Role of the lung in accumulation and metabolism of xenobiotic compounds--implications for chemically induced toxicity.

Characterization of sugar receptor expression by neoglycoproteins in oral and oropharyngeal squamous cell carcinomas.

Differential effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the "adipose-type" and "brain-type" glucose transporters in mice.

Use of toxic equivalency factors for risk assessment for dioxins and related compounds.

Differential effects of the BKCa channel openers NS004 and NS1608 in porcine coronary arterial cells.

Nitric oxide. An important signaling mechanism between vascular endothelium and parenchymal cells in the regulation of oxygen consumption.

Lung retention and bioavailability of arsenic after single intratracheal administration of sodium arsenite, sodium arsenate, fly ash and copper smelter dust in the hamster.

Cryopreservation of embryogenic tissue of sweet potato (*Ipomoea batatas*): use of sucrose and dehydration for cryoprotection.

Plant regeneration of grapevine (*Vitis* sp.) protoplasts isolated from embryogenic tissue.

Differential alcohol dehydrogenase and malate dehydrogenase isozyme expression in long-term callus tissue cultures of *Cereus peruvianus* (Cactaceae).

Control of N-cadherin-mediated intercellular adhesion in migrating neural crest cells in vitro.

Receptor-mediated toxicity.

Interleukin-1 beta induces interstitial collagenase gene expression and protein secretion in renal mesangial cells.

An attempt to explain interindividual variability in 24-h urinary excretion of inorganic arsenic metabolites by C57 BL/6J mice.

Thrombin stimulates phosphorylation of insulin-like growth factor-1 receptor, insulin receptor substrate-1, and phospholipase C-gamma 1 in rat aortic smooth muscle cells.

N-acetylcysteine pretreatment attenuates paraquat-induced lung leak in rats.

Effects of the protein tyrosine phosphatase inhibitor phenylarsine oxide on excision-activated calcium channels in *Lymnaea* neurons.

Rainbow trout hepatic mixed-function oxygenase induction by polychlorinated dibenzo-p-dioxins (PCDDs) as a function of time and tissue concentration.

Comparative assessment of metabolic enzyme levels in macrophage populations of the F344 rat.

Biotransformation of all-trans-retinol and all-trans-retinal to all-trans-retinoic acid in rat conceptual homogenates.

Regulation by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) of the DNA binding activity of transcriptional factors via nuclear protein phosphorylation in guinea pig adipose tissue.

Reproductive effects in birds exposed to pesticides and industrial chemicals.

Evaluation of the biodistribution and in vivo biochemistry of ^{99m}Tc-cysteine and ⁹⁹/_{99m}Tc-cysteine complexes--a potential renal imaging agent.

[O-methyl-¹¹C]beta-CIT-FP, a potential radioligand for quantitation of the dopamine transporter: preparation, autoradiography, metabolite studies, and positron emission tomography examinations.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) to the human thymus after implantation in SCID mice.

In utero and lactational exposure of the male rat to 2,3,7,8-tetrachlorodibenzo-p-dioxin: impaired prostate growth and development without inhibited androgen production.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces diverse retinoic acid metabolites in multiple tissues of the Sprague-Dawley rat.

Lymphocyte adhesive interactions with lacrimal gland acinar epithelial cells in primary culture.

Tyrosine kinase inhibitors inhibit multiple steps of the cell cycle of vascular smooth muscle cells.

Influence of salinity on copper and azide toxicity to larval topmelt *Atherinops affinis* (Ayres).

Involvement of a tyrosine kinase pathway in the growth-promoting effects of angiotensin II on aortic smooth muscle cells.

Mechanisms of nucleobase transport in rabbit choroid plexus. Evidence for a Na(+)-dependent nucleobase transporter with broad substrate selectivity.

The thymus atrophy inducing organotin compound DBTC stimulates TcR alpha beta-CD3 signalling in immature rat thymocytes.

Transcriptional regulation of the collagenase gene by basic fibroblast growth factor in osteoblastic MC3T3-E1 cells.

Adipose-tissue concentrations of dioxins and dibenzofurans in potentially exposed patients with malignant-lymphoma or sarcoma.

Neuropeptide YY1 receptors-mediated increase in intracellular Ca²⁺ concentration via phospholipase C-dependent pathway in porcine aortic smooth muscle cells.

Effects of monoisoamyl meso-2,3-dimercaptosuccinate on arsenite-induced maternal and developmental toxicity in mice.

[Energy metabolism of lymphocytes during bone tissue regeneration].

A comparison of the effects of SCA40, NS 004 and NS 1619 on large conductance Ca(2+)-activated K⁺ channels in bovine tracheal smooth muscle cells in culture.

Changes associated with tyrosine phosphorylation during short-term hypoxia in retinal microvascular endothelial cells in vitro.

Modulation of cardiac M2 muscarinic receptor binding by progesterone-related steroids.

Characterization of Ca²⁺/calmodulin-dependent protein kinase II from smooth muscle.

Cytoskeletal regulation of Caco-2 intestinal monolayer paracellular permeability.

Quantification of lipid peroxidation in tissue extracts based on Fe(III)xylene orange complex formation.

Extensive interactions between troponins C and I. Zero-length cross-linking of troponin I and acetylated troponin C.

Calcium dependent K-channels in guinea pig and human urinary bladder.

Xenobiotic metabolism in humans during early pregnancy: peroxidase-mediated oxidation and bioactivation of 2-aminofluorene.

Cyclophosphamide: review of its mutagenicity for an assessment of potential germ cell risks.

Toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats including placental and lactational transfer to fetuses and neonates.

Immunoquantification of type I, III, IV and V collagen in small samples of human lung parenchyma.

Integrin-dependent tyrosine phosphorylation in corneal fibroblasts.

Levels of pollutants and their metabolites: exposures to organic substances.

Somatic embryogenesis and plant regeneration in tissue cultures of radish (*Raphanus sativus* L.).

Mechanism of uptake of technetium-tetrofosmin. II: Uptake into isolated adult rat heart mitochondria.

Effects of P2-purinoceptor antagonists on ecto-nucleotidase activity of guinea-pig vas deferens cultured smooth muscle cells.

Isomer-specific analysis of polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin equivalents (TEQs) in red fox and human adipose tissue from central Italy.

Phosphatidylinositol 3-kinase and the actin network are not required for the stimulation of glucose transport caused by mitochondrial uncoupling: comparison with insulin action.

The effect of N-ethylmaleimide on the Na(+)-dependent nucleoside transporter (N3) in rabbit choroid plexus.

Glutathione S-transferase 8-8 is localized in smooth muscle cells of rat aorta and is induced in an experimental model of atherosclerosis.

Temperature regulation and metabolism in rats exposed perinatally to dioxin: permanent change in regulated body temperature?

A stereotypic, transplantable liver tissue-culture system.

Rat CYP1B1: an adrenal cytochrome P450 that exhibits sex-dependent expression in livers and kidneys of TCDD-treated animals.

Relative potencies of induction of hepatic drug-metabolizing enzyme genes by individual PCB congeners.

A novel type of cell death of lymphocytes induced by a monoclonal antibody without participation of complement.

Thrombin induces the preproendothelin-1 gene in endothelial cells by a protein tyrosine kinase-linked mechanism.

Phosphorylation and inactivation of rat heart glycogen synthase by cAMP-dependent and cAMP-independent protein kinases.

Activation of ATP-dependent K⁺ channels by metabolic poisoning in adult mouse skeletal muscle: role of intracellular Mg⁽²⁺⁾ and pH.

Immunocytochemical investigation of the in vivo endocytosis by renal tubular epithelial cells.

A peptide, ALTE, within the fimbrial subunit protein from *Porphyromonas gingivalis*, induces production of interleukin 6, gene expression and protein phosphorylation in human peripheral blood mononuclear cells.

Characterization of the Ah receptor from human placental tissue.

Inhibition of lecithin: cholesterol acyltransferase activity in human blood plasma by cigarette smoke extract and reactive aldehydes.

Identification of a rat adrenal cytochrome P450 active in polycyclic hydrocarbon metabolism as rat CYP1B1. Demonstration of a unique tissue-specific pattern of hormonal and aryl hydrocarbon receptor-linked regulation.

Hypoxia-mediated induction of acidic/basic fibroblast growth factor and platelet-derived growth factor in mononuclear phagocytes stimulates growth of hypoxic endothelial cells.

Potency of mixtures of polychlorinated biphenyls as inducers of dioxin receptor-regulated CYP1A activity in rat hepatocytes and H4IIE cells.

Distribution, metabolism and excretion of pentachloroanisole in the beagle dog and miniature pig.

Vascular smooth muscle cell heme oxygenases generate guanylyl cyclase-stimulatory carbon monoxide.

Chronic UVB- and all-trans retinoic-acid-induced qualitative and quantitative changes in hairless mouse skin.

Comparative metabolism and toxicity of dichlorobenzenes in Sprague-Dawley, Fischer-344 and human liver slices.

Identification of two 17-kDa rat parotid gland phosphoproteins, subjects for dephosphorylation upon beta-adrenergic stimulation, as destrin- and cofilin-like proteins.

Metaanalysis of 4 Swedish case-control studies on exposure to pesticides as risk-factor for soft-tissue sarcoma including the relation to tumor-localization and histopathological type.

Evidence of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced tissue damage in fetal and placental tissues and changes in amniotic fluid lipid metabolites of pregnant CF1 mice.

Effects of the herbicide chlorthiamid on the olfactory mucosa.

Indices of TCDD exposure and TCDD body burden in veterans of Operation Ranch Hand.

An in vitro method for determination of tissue partition coefficients of non-volatile chemicals such as 2,3,7,8-tetrachlorodibenzo-p-dioxin and estradiol.

Expression of xenobiotic-metabolizing enzymes in cultured rat tracheal epithelial cells.

Oxidation and reduction of cytochrome c by mitochondrial enzymes of *Setaria cervi*.

Workshop on perinatal exposure to dioxin-like compounds. V. Immunologic effects.

Mechanism for drug absorption from rat-liver surface membrane: effect of dose and transport inhibitors on the pharmacokinetics of phenol red.

Protein tyrosine kinase activation is required for LPS and PMA induction of tissue factor mRNA in human blood monocytes.

Dose-response relationships of tissue distribution and induction of CYP1A1 and CYP1A2 enzymatic activities following acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice.

Burn injury stimulates multiple proteolytic pathways in skeletal muscle, including the ubiquitin-energy-dependent pathway.

Arsenic increased lipid peroxidation in rat tissues by a mechanism independent of glutathione levels.

Fe(2+)-mediated binding of serotonin and dopamine to skeletal muscle actin: resemblance to serotonin binding proteins.

Regulation of cytochrome P4501A1 gene expression in vascular smooth muscle cells through aryl hydrocarbon receptor-mediated signal transduction requires a protein synthesis inhibitor.

Human chorionic gonadotropin protects Leydig cell function against 2,3,7,8-tetrachlorodibenzo-p-dioxin in adult rats: role of Leydig cell cytoplasmic volume.

Dynorphin-immunoreactive neurons in the rat nucleus accumbens: ultrastructure and synaptic input from terminals containing substance P and/or dynorphin.

Tumor necrosis factor-alpha production induced by viruses and by lipopolysaccharides in macrophages: similarities and differences.

Olfactory toxicity of methyl iodide in the rat.

Substrate-specificity of mammalian tissue-bound semicarbazide-sensitive amine oxidase.

NCAM polypeptides in heart development: association with Z discs of forms that contain the muscle-specific domain.

Fish oil enhances pentachlorobenzene metabolism and reduces its accumulation in rats.

Amino acid sequence of C-terminal 17 kDa CNBr-fragment of Akazara scallop troponin-I.

Carbamylation decreases the cytotoxicity but not the drug-carrier properties of polylysines.

Four generation reproductive toxicity study with 2,3,7,8-tetrachlorodibenzo-P-dioxin (TCDD) in rats. I. Toxicokinetic variations in dams and offspring.

Peroxidative xenobiotic oxidation by partially purified peroxidase and lipoxigenase from human fetal tissues at 10 weeks of gestation.

Mechanisms controlling nitric oxide synthesis in osteoblasts.

Iron(II) is a modulator of ryanodine-sensitive calcium channels of cardiac muscle sarcoplasmic reticulum.

Effect of sulfhydryl compounds and glutathione depletion on rat heart myocyte toxicity induced by 4-hydroperoxycyclophosphamide and acrolein in vitro.

Body size and the toxicokinetics of trifluralin in rainbow trout.

Sclerodermatous syndrome after occupational exposure to herbicides--response to systemic steroids.

Arsenic-related Bowen's disease and paraquat-related skin cancerous lesions show no detectable ras and p53 gene alterations.

Characterization of three yeast copper-zinc superoxide dismutase mutants analogous to those coded for in familial amyotrophic lateral sclerosis.

The Chlorella virus adenine methyltransferase gene promoter is a strong promoter in plants.

Jasmonate-inducible expression of a potato cathepsin D inhibitor-GUS gene fusion in tobacco cells.

The site of elevated vascular resistance in early paraquat lungs: a morphometric study of pulmonary arteries.

Acute 2,4-dichlorophenoxyacetic acid intoxication in cattle.

Effect of selenium deficiency and glutathione-modulating agents on diquat toxicity and lipid peroxidation in rats.

Nitric oxide as a mediator of oxidant lung injury due to paraquat.

Paraquat induces irreversible actin cytoskeleton disruption in cultured human lung cells.

Mortality and cancer morbidity of Finnish chlorophenoxy herbicide applicators: an 18-year prospective follow-up.

Atrazine toxicity on hydromineral balance of fish, *Tilapia mossambicus*.

Remodeling of the alveolar structure in the paraquat lung of humans: a morphometric study.

Studies on the neuromuscular blocking action of commercial paraquat in mouse phrenic nerve-diaphragm.

The use of human lung slices in toxicology.

Diagnosis and treatment of soft tissue sarcomas in adults.

Nitric oxide mediates oxidant tissue injury caused by paraquat and xanthine oxidase.

Regulation of antioxidant enzymes in lung after oxidant injury.

Glufosinate ammonium--some aspects of its mode of action in mammals.

Neurologic health outcomes and Agent Orange: Institute of Medicine report.

Potentiation of oxidant-induced toxicity in hamster lung slices by dimethylthiourea.

Assessment of lipid peroxidation associated with lung damage induced by oxidative stress. In vivo and in vitro studies.

Evidence for redox cycling of diquat in rat small intestine.

Fatal overdose of 2,4-dichlorophenoxyacetic acid (2,4-D).

Acute intramuscular injection of oils or the oleic acid component protects mice against paraquat lethality.

[Alteration of lipid peroxidation and the activity of peroxide metabolism enzymes in the liver, kidney and lung following the administration of paraquat in mice].

Polychlorinated biphenyl levels in the tissues of exposed and nonexposed humans.

Different distribution of paraquat and diquat in human poisoning cases after ingestion of a combined herbicide.

[The role of biotransformation in assessing the toxicological risk from pesticides].

Environmental behavior of bentazon herbicide.

Comparison of dibenzodioxin levels in blood and milk in agricultural workers and others following pentachlorophenol exposure in China.

Antioxidant status in skeletal muscle and plasma of rats treated with ethanol.

Histochemical demonstration of hydrogen peroxide production by leukocytes in fixed-frozen tissue sections of inflammatory lesions.

In vivo hydrogen peroxide production in rat remnant kidney.

Human bronchial smooth muscle responsiveness after in vitro exposure to acrolein.

Pharmacokinetic modeling of 2,4-dichlorophenoxyacetic acid (2,4-D) in rat and in rabbit brain following single dose administration.

Disposition and metabolism of radiolabelled pentachloroanisole in rats and rabbits.

Reduction of thyroxine uptake into cerebrospinal fluid and rat brain by hexachlorobenzene and pentachlorophenol.

Characterization of polyamine transport in rat aortic smooth muscle cells.

Putrescine and paraquat uptake in human lung slices and isolated type II pneumocytes.

The predictive accuracy of in vitro measurements for the dermal absorption of a lipophilic penetrant (fluazifop-butyl) through rat and human skin.

Correlation between dioxin levels in adipose tissue and estimated exposure to Agent Orange in south Vietnamese residents.

Effects of ethanol on pharmacokinetics and intestinal absorption of paraquat in animals.

Aldose reductase-catalyzed reduction of acrolein: implications in cyclophosphamide toxicity.

Metabolic fate of S,S,S-tributyl phosphorotrithioate (DEF) in the lactating goat.

Immunogold electron microscopic localization of timothy grass (*Phleum pratense*) pollen major allergens Phl p I and Phl p V after anhydrous fixation in acrolein vapor.

Fertile transgenic wheat from microprojectile bombardment of scutellar tissue.

Hepatocyte growth factor/scatter factor induces tyrosine phosphorylation of focal adhesion kinase (p125FAK) and promotes migration and invasion by oral squamous cell carcinoma cells.

Sepsis stimulates nonlysosomal, energy-dependent proteolysis and increases ubiquitin mRNA levels in rat skeletal muscle.

Expression, in cartilage, of a 7-amino-acid deletion in type II collagen from two unrelated individuals with Kniest dysplasia.

Short-term toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in laboratory animals: effects, mechanisms, and animal models.

Antibodies to collagen: comparative epitope mapping in women with silicone breast implants, systemic lupus erythematosus and rheumatoid arthritis.

Patterns of tyrosine phosphorylation differ in vascular hypertrophy and hyperplasia.

Inhibition of mammalian protoporphyrinogen oxidase by acifluorfen.

Alveolar epithelial composition and architecture of the late fetal pulmonary acinus: an immunocytochemical and morphometric study in a rat model of pulmonary hypoplasia and congenital diaphragmatic hernia.

The mechanism of dioxin toxicity: relationship to risk assessment.

Menière's disease: role of antibodies against basement membrane antigens.

Extracellular matrix remodeling after balloon angioplasty injury in a rabbit model of restenosis.

Can cohort studies detect any human cancer excess that may result from exposure to dioxin? Maybe.

Reaction of inflamed periapical tissue to intracanal medicaments and root canal sealers.

A case of germinal center formation by CD45RO T and CD20 B lymphocytes in rheumatoid arthritic subchondral bone: proposal for a two-compartment model of immune-mediated disease with implications for immunotherapeutic strategies.

Interactive regulation of Ah and glucocorticoid receptors in the synergistic induction of cleft palate by 2,3,7,8-tetrachlorodibenzo-p-dioxin and hydrocortisone.

Hypoxia induces the synthesis of tropomyosin in cultured porcine pulmonary artery endothelial cells.

Hypoxic stimulation of vascular endothelial growth factor expression in vitro and in vivo.

Analgesic effects of callus culture extracts from selected species of *Phyllanthus* in mice.

Effect of beraprost sodium on changes in action potentials during hypoxia as compared with propranolol, diltiazem and glibenclamide in guinea-pig ventricular muscle.

Coordinate changes in C protein and myosin expression during skeletal muscle hypertrophy.

Modulation of nucleocytosolic $[Ca^{2+}]$ gradient in smooth muscle by protein phosphorylation.

Alteration of intracellular Ca²⁺ transients in COS-7 cells transfected with the cDNA encoding skeletal-muscle ryanodine receptor carrying a mutation associated with malignant hyperthermia.

Toxic potency of 3,3',4,4',5-pentachlorobiphenyl relative to and in combination with 2,3,7,8-tetrachlorodibenzo-p-dioxin in a subchronic feeding study in the rat.

Cancer incidence and mortality among Swedish leather tanners.

Synthesis and tissue biodistribution of [ω -¹¹C]palmitic acid. A novel PET imaging agent for cardiac fatty acid metabolism.

Chloracne. Some recent issues.

Postischemic inhibition of cerebral cortex pyruvate dehydrogenase.

Tendon degeneration and chronic shoulder pain: changes in the collagen composition of the human rotator cuff tendons in rotator cuff tendinitis.

Apoptosis and chemical carcinogenesis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced thymic atrophy and lymphocyte stem cell alterations by mechanisms independent of the estrogen receptor.

A method for the high-level expression of a parathyroid hormone analog in *Escherichia coli*.

Coxsackievirus B3 infection alters the uptake of 2,3,7,8-tetrachlorodibenzo-p-dioxin into various tissues of the mouse.

Substitution of an aspartic acid for glycine 700 in the alpha 2(I) chain of type I collagen in a recurrent lethal type II osteogenesis imperfecta dramatically affects the mineralization of bone.

Human NAD(P)H:quinone oxidoreductase2. Gene structure, activity, and tissue-specific expression.

Possible risk of endometriosis for Seveso, Italy, residents: an assessment of exposure to dioxin.

Short and long term effects of cytoskeleton-disrupting drugs on cytochrome P450 Cyp1a-1 induction in murine hepatoma 1c1c7 cells: suppression by the microtubule inhibitor nocodazole.

2,3,7,8-TCDD and 2,3,7,8-TCDF in blue crabs and American lobsters from the Hudson-Raritan estuary and the New York Bight.

Reoxygenation-induced relaxation of coronary arteries. A novel endothelium-dependent mechanism.

Factors that influence the formation and stability of hydrated ferrous sulfate in coal dusts. Possible relation to the emphysema of coal miners.

Post mortem diagnosis of *Mycobacterium bovis* infection in cattle.

[The mechanism of articular cartilage degeneration in osteoarthritis].

Substitution of cysteine for glycine-946 in the alpha 1(I) chain of type I procollagen causes lethal osteogenesis imperfecta.

Identification of antibody epitopes in the CB-11 peptide of bovine type II collagen recognized by sera from arthritis-susceptible and -resistant rhesus monkeys.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-induced changes in glucose transporting activity in guinea pigs, mice, and rats in vivo and in vitro.

Evidence that c-src is involved in the process of osteoclastic bone resorption.

2,3,7,8-Tetrachlorodibenzo-p-dioxin reduces the number, size, and organelle content of Leydig cells in adult rat testes.

Assessment of host resistance to *Trichinella spiralis* in mice following preinfection exposure to 2,3,7,8-TCDD.

Increased native chemiluminescence in granulocytes isolated from synovial fluid and peripheral blood of patients with rheumatoid arthritis.

Testing the metabolic hypothesis of O₂ chemoreception in the cat carotid body in vitro.

Heat shock glycoprotein GP50: product of the retinoic acid-inducible J6 gene.

Decreased clearance of uraemic and mildly carbamylated low-density lipoprotein.

Developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the most TCDD-resistant and -susceptible rat strains.

alpha-Fucose-mediated binding and degradation of tissue-type plasminogen activator by HepG2 cells.

Difference in energy metabolism between fresh and warm ischemic canine pancreases during preservation by the two-layer method.

Effects of alpha-tocopherol on lipid peroxidation and mitochondrial reduction of tetraphenyl tetrazolium in the rat brain.

Multiple mechanisms are responsible for altered expression of gap junction genes during oncogenesis in rat liver.

Polychlorinated biphenyls (PCBs): environmental impact, biochemical and toxic responses, and implications for risk assessment.

Age- and feeding-dependent production of carbonyl compounds in hypoxic heart. The role of carbonyls produced in connective tissue modification.

Porphyrin studies in TCDD-exposed workers.

Liver iron quantification: studies in aqueous iron solutions, iron overloaded rats, and patients with hereditary hemochromatosis.

Histochemical demonstration of free radicals (H₂O₂) in ischemic brain edema and protective effects of human recombinant superoxide dismutase on ischemic neuronal damage.

Molecular basis of dioxin actions on rodent and human target tissues.

Thyroid hormones and regulation of cell reliability systems.

Hodgkin's and non-Hodgkin's lymphomas.

A targeting model of boron neutron-capture therapy to hepatoma cells in vivo with a boronated anti-(alpha-fetoprotein) monoclonal antibody.

Could the cytokeratin molecule be modulated during tumor transformation in hepatocellular carcinoma?

Tyrosine kinases regulate the cytoskeletal attachment of integrin alpha IIb beta 3 (platelet glycoprotein IIb/IIIa) and the cellular retraction of fibrin polymers.

Differential effect of cell-associated heparan sulfates on the binding of keratinocyte growth factor (KGF) and acidic fibroblast growth factor to the KGF receptor.

Sequential activation of Raf-1 kinase, mitogen-activated protein (MAP) kinase kinase, MAP kinase, and S6 kinase by hyperosmolality in renal cells.

In vitro dermal absorption of pesticides: V. In vivo and in vitro comparison of the herbicide 2,4-dichlorophenoxyacetic acid in rat, guinea pig, pig, human and tissue-cultured skin.

NTP Toxicology and Carcinogenesis Studies of 4,4'-Thiobis(6-*t*-butyl-*m*-cresol) (CAS No. 96-69-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Tyrosine kinase inhibition prevents deformation-stimulated vascular smooth muscle growth.

Ah receptor in different tissues of C57BL/6J and DBA/2J mice: use of competitive polymerase chain reaction to measure Ah-receptor mRNA expression.

Endothelin-1 stimulates cytosolic phospholipase A2 activity and gene expression in rat glomerular mesangial cells.

Purification and characterization of a cytosolic thyroid-hormone-binding protein (CTBP) in *Xenopus* liver.

Induction in vitro of 72-kD heat shock protein in a continuous culture of rat thyroid cells, FRTL5.

Genistein reduces tumor necrosis factor alpha-induced plasminogen activator inhibitor-1 transcription but not urokinase expression in human endothelial cells.

Aescin formation in calli and embryoids from cotyledon and stem explants of *Aesculus hippocastanum* L.

Phorbol ester tumor promoter regulation of natural antitumor antibody binding depends on protein kinase C and an intact microfilament system.

Putative rat sperm lipid-binding protein: isolation and partial characterization.

Olfactory mucosal lesions in F344 rats following inhalation exposure to pyridine at threshold limit value concentrations.

Effect on tissue vitamin A levels in the rat following subchronic exposure to four individual PCB congeners (IUPAC 77, 118, 126, and 153).

Accumulation and persistence of individual polychlorinated biphenyl congeners in liver, blood, and adipose tissue of rats following dietary exposure to Aroclor 1254.

Use of a selective inhibitor of liver carnitine palmitoyltransferase I (CPT I) allows quantification of its contribution to total CPT I activity in rat heart. Evidence that the dominant cardiac CPT I isoform is identical to the skeletal muscle enzyme.

Role of ATP and sodium in polyamine transport in bovine pulmonary artery smooth cells.

Comparative mutagenicity of chemicals selected for test in the International Program on Chemical Safety's collaborative study on plant systems for the detection of environmental mutagens.

Synthesis of n.c.a. carbon-11 labelled clozapine and its major metabolite clozapine-N-oxide and comparison of their biodistribution in mice.

Immunohistochemical and biochemical indicators of muscle damage in vitro: the stability of control muscle and the effects of dinitrophenol and calcium ionophore.

Modulation of three types of K⁺ currents in canine coronary artery smooth muscle cells by NS-004, or 1-(2'-hydroxy-5'-chlorophenyl)-5-trifluoromethyl-2(3H) benzimidazolone.

Effects of induction and age-dependent enzyme expression on lung bioavailability, metabolism, and DNA binding of urban air particulate-absorbed benzo[a]pyrene, 2-nitrofluorene, and 3-amino-1,4-dimethyl-5H-pyridol-(4,3)-indole.

Cloning of a cDNA encoding an ectoenzyme that degrades thyrotropin-releasing hormone.

Intestinal uptake of uridine in suckling rats: mechanism and ontogeny.

Evidence of two mechanisms of prostaglandin release in an in vitro model of muscle damage. Possible therapeutic implications.

Tissue specific expression of the rat Ah-receptor and ARNT mRNAs.

The low molecular weight protein which co-purifies with alpha-latrotoxin is structurally related to crustacean hyperglycemic hormones.

Concentrations and 2,3,7,8-tetrachlorodibenzo-p-dioxin toxic equivalents of non-ortho coplanar PCBs in adipose fat of Poles.

Effect of glutathione depletion and inhibition of glucuronidation and sulfation on 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) metabolism, PhIP-DNA adduct formation and unscheduled DNA synthesis in primary rat hepatocytes.

Role of neutrophils and nitric oxide in lung alveolar injury from smoke inhalation.

Antibody-induced changes on rabbit sperm surface inhibit gamete interaction.

Early bone matrix formation during distraction. A biochemical study in sheep.

Nuclear-organelle interactions: the immutans variegation mutant of Arabidopsis is plastid autonomous and impaired in carotenoid biosynthesis.

An inhibitory factor in rat thymus which interferes with binding of cytosol Ah receptor to xenobiotic responsive element.

[Energy-dependent Ca²⁺-transport in intracellular smooth muscle structures].

Localization of peroxidase activity in tegumental, muscle, and parenchymal cells of the lung fluke *Paragonimus miyazakii* (Digenea: Troglotrematidae).

Identification of regions of bovine factor VII essential for binding to tissue factor.

Effects of calcium channel antagonists on the release of prostaglandin E₂ from metabolically stressed muscle.

Demonstration of an ectoATP-diphosphohydrolase (E.C.3.6.1.5.) in non-vascular smooth muscles of the bovine trachea.

Role of EDRFs in the control of arteriolar diameter during increased metabolism of striated muscle.

A pharmacodynamically responsive model of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) transfer between liver and fat at low and high doses.

Xenobiotic oxidation during early pregnancy in man: peroxidase catalysed chemical oxidation in conceptual tissues.

Specificity of antibodies to type II collagen in early rheumatoid arthritis.

Congener-specific data of polychlorinated biphenyl residues in human adipose tissue in Poland.

Interleukin-6 attenuates agonist-mediated calcium mobilization in murine osteoblastic cells.

Two collagen-binding proteins, osteonectin and HSP47, are coordinately induced in transformed keratinocytes by heat and other stresses.

Metabolic characteristics of alpha-toxin-permeabilized smooth muscle.

Biphasic modulation of protein kinase C (PKC) activity by polychlorinated dibenzo-p-dioxins (PCDDs) in serum-deprived rat aortic smooth muscle cells.

Neurite outgrowth stimulated by the tyrosine kinase inhibitor herbimycin A requires activation of tyrosine kinases and protein kinase C.

Mouse cytochrome P-450EF, representative of a new 1B subfamily of cytochrome P-450s. Cloning, sequence determination, and tissue expression.

Cyclosporine enhances the synthesis of selected extracellular matrix proteins by renal cells "in culture". Different cell responses and phenotype characterization.

Ah receptor in embryonic mouse palate and effects of TCDD on receptor expression.

Stimulation of collagen alpha 1(I) gene expression is associated with lipid peroxidation in hepatocellular injury: a link to tissue fibrosis?

Stabilization of pericardial tissue by dye-mediated photooxidation.

Primary structure of chicken cardiac myosin S-1 heavy chain.

Comparison of the ATPase activities of bovine heart and liver mitochondrial ATP synthases with different tissue-specific gamma subunit isoforms.

Tissue-specific constitutive and inducible expression of rat phenol UDP-glucuronosyltransferase.

Studies on the mechanism of intestinal passage of the food comutagen harman, in the rabbit.

An Arg-Gly-Asp peptide stimulates Ca²⁺ efflux from osteoclast precursors through a novel mechanism.

Congener-specific data on polychlorinated biphenyls in tissues of common porpoise from Puck Bay, Baltic Sea.

Determinants of TCDD half-life in veterans of operation ranch hand.

Cytoskeleton-dependent transport of cytoplasmic particles in previtellogenic to mid-vitellogenic ovarian follicles of *Drosophila*: time-lapse analysis using video-enhanced contrast microscopy.

Effects of oxidative stress on expression of extracellular superoxide dismutase, CuZn-superoxide dismutase and Mn-superoxide dismutase in human dermal fibroblasts.

Dioxins and dibenzofurans in adipose tissue of the general US population and selected subpopulations.

Cresol isomers: comparison of toxic potency in rat liver slices.

Effect of metabolic alterations on the accumulation of technetium-99m-labeled d,l-HMPAO in slices of rat cerebral cortex.

Polychlorinated biphenyls as hormonally active structural analogues.

Identity of the core proteins of the large chondroitin sulphate proteoglycans synthesized by skeletal muscle and prechondrogenic mesenchyme.

Structural relation between HDL-binding proteins in porcine liver.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits differentiation of normal diploid rat osteoblasts in vitro.

Study of tissue-type plasminogen activator binding sites on fibrin using distinct fragments of fibrinogen.

Glucose-6-phosphate dehydrogenase is enriched in oligodendrocytes of the rat spinal cord. Enzyme histochemical and immunocytochemical studies.

Photochemical cross-linking between native rabbit skeletal troponin C and benzoylbenzoyl-troponin I inhibitory peptide, residues 104-115.

Synthesis and expression of a gene coding for *Erythrina* trypsin inhibitor (ETI).

Plant regeneration from cultured immature inflorescences of coconut (*Cocos nucifera* L.): evidence for somatic embryogenesis.

NTP Toxicology and Carcinogenesis Studies of o-Benzyl-p-Chlorophenol (CAS No. 120-32-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Evidence for Chilling-Induced Oxidative Stress in Maize Seedlings and a Regulatory Role for Hydrogen Peroxide.

The Ah receptor: mediator of the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and related compounds.

Dose-response relationships in mice following subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: CYP1A1, CYP1A2, estrogen receptor, and protein tyrosine phosphorylation.

A physiologically based mathematical model of dermal absorption in man.

Levels of non-ortho-substituted (coplanar), mono- and di-ortho-substituted polychlorinated biphenyls, dibenzo-p-dioxins, and dibenzofurans in human serum and adipose tissue.

Chlorinated dioxins and dibenzofurans in human tissue from general populations: a selective review.

Chlorinated and brominated dioxins and dibenzofurans in human tissue following exposure.

A novel phosphoglucomutase-related protein is concentrated in adherens junctions of muscle and nonmuscle cells.

X-ray microanalysis of renal proximal tubules in cadmium-treated rats.

Quantitative analysis of cyanogen bromide-cleaved peptides for the assessment of type I: type II collagen ratios in equine articular repair tissue.

Cross-validation of cyanogen bromide-peptide ratios to measure the proportion of type II collagen in pepsin digests of equine articular cartilage, meniscus, and cartilage repair tissue.

Dose-dependent disposition of sodium arsenate in mice following acute oral exposure.

Aryl hydrocarbon or dioxin receptor: biologic and toxic responses.

Properties of mammalian tissue-bound semicarbazide-sensitive amine oxidase: possible clues to its physiological function?

Effects of acidic pH on the formation of vinblastine-induced paracrystals in Chinese hamster ovary cells.

The health effects of agrichemicals: herbicides and soft tissue sarcomas.

Transport of 2,4,5-trichlorophenoxyacetic acid across the blood-cerebrospinal fluid barrier of the rabbit.

Human pentachlorophenol poisoning.

Distribution and elimination of the herbicide propanil in the channel catfish (*Ictalurus punctatus*).

Paraquat causes chronic ocular surface toxicity.

Histometric changes in connective fibers of the lung following paraquat administration in rats.

Change of polyamine level in various tissues of male rats intoxicated with paraquat.

Simultaneous determination of paraquat and diquat in human tissues by high-performance liquid chromatography.

Effect of in vitro exposure to acrolein on carbachol responses in rat trachealis muscle.

Immunohistochemical localization of paraquat in skin and eye of rat.

Parkinson's disease: a test of the multifactorial etiologic hypothesis.

Phenoxy herbicides, chlorophenols, soft-tissue sarcoma (STS) and malignant lymphoma.

Actin filaments disassembly: a novel step in the genesis of paraquat toxicity?

Cancer in phenoxy herbicide manufacturing workers in Denmark, 1947-87--an update.

Cytotoxic effect of atrazine on murine B-lymphocytes in vitro.

Mutagenic and carcinogenic pesticides used in the agricultural environment of Gaza Strip.

Acrolein increases airway sensitivity to substance P and decreases NEP activity in guinea pigs.

Acute and subacute toxicity of atrazine to carp (*Cyprinus carpio* L.).

Fetotoxic and teratogenic potential of substituted phenylurea herbicide, isoproturon, in rats.

Occupational exposure to phenoxy herbicides and chlorophenols and cancer mortality in The Netherlands.

Atrazine in plasma and tissue following atrazine-aminotriazole-ethylene glycol-formaldehyde poisoning.

Kinetics of toxic doses of paraquat and the effects of hemoperfusion in the dog.

Ascorbate radical levels in human sera and rat plasma intoxicated with paraquat and diquat.

Immunohistochemical localization and dynamics of paraquat in the stomach and esophagus of rats.

Alterations of peroxisomal function in ischemia-reperfusion injury of rat kidney.

The mechanisms by which mild respiratory chain inhibitors inhibit hepatic gluconeogenesis.

Ethanol-induced inhibition of ventricular protein synthesis in vivo and the possible role of acetaldehyde.

Lung growth and maturation in the rat model of experimentally induced congenital diaphragmatic hernia.

Effect of indomethacin, aspirin, nordihydroguareitic acid, and piperonyl butoxide on cyclophosphamide-induced bladder damage.

Influence of pentachlorophenol on light emission from single barnacle muscle fibers preloaded with aequorin.

Toxicokinetics and metabolism of linuron in rabbit: in vivo and in vitro studies.

Metabolism of N-[4-chloro-2-fluoro-5-[(1-methyl-2-propynyl)oxy]phenyl]-3,4,5,6-tetrahydrophthalimide (S-23121) in the rat. II. Absorption, disposition, excretion and biotransformation.

Studies on the inhibition of collagen synthesis in fibroblasts treated with paraquat.

A comparative study of effects of atrazine on xenobiotic metabolizing enzymes in fish and insect, and of the in vitro phase II atrazine metabolism in some fish, insects, mammals and one plant species.

Absorption and metabolism of 2-chloro-2,6-diethyl-N-(butoxymethyl)acetanilide (butachlor) in human skin in vitro.

Pentachlorophenol (PCP) inhibits ion transport in the isolated toad cornea.

Tissue distribution and excretion of ¹⁴C-labelled cinnamic aldehyde following single and multiple oral administration in male Fischer 344 rats.

[Studies on quantitative analysis of paraquat in whole blood--the evaluation of pre-treatments and analytical methods].

Characterization of amyloid fibril beta-peptide in familial Alzheimer's disease with APP717 mutations.

Imaging of activated natural killer cells in mice by positron emission tomography: preferential uptake in tumors.

Tendon hypertrophy is associated with increased hydroxylation of nonhelical lysine residues at two specific cross-linking sites in type I collagen.

Protection of the rat jejunal mucosa against oxidative injury by cationized superoxide dismutase.

Kinetics and cellular localisation of putrescine uptake in human lung tissue.

Ultrastructural features of alveolar epithelial cells in the late fetal pulmonary acinus: a comparison between normal and hypoplastic lungs using a rat model of pulmonary hypoplasia and congenital diaphragmatic hernia.

The long term durability of bond strengths to dentin.

Two additional cases of osteogenesis imperfecta with substitutions for glycine in the alpha 2(I) collagen chain. A regional model relating mutation location with phenotype.

Subchronic toxicity of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

Experimental Parkinson's disease in monkeys. Effect of ergot alkaloid derivative on lipid peroxidation in different brain areas.

Cancer incidence in a population accidentally exposed to 2,3,7,8-tetrachlorodibenzo-para-dioxin.

Resistance to aflatoxin B1 is associated with the expression of a novel aldo-keto reductase which has catalytic activity towards a cytotoxic aldehyde-containing metabolite of the toxin.

The cardioprotective, vasorelaxant and electrophysiological profile of the large conductance calcium-activated potassium channel opener NS-004.

Collagen studies in newborn rat kidneys with incomplete ureteric obstruction.

Thromboxane A2 stimulates vascular smooth muscle hypertrophy by up-regulating the synthesis and release of endogenous basic fibroblast growth factor.

Isomer-specific analysis and toxic evaluation of polychlorinated biphenyls in striped dolphins affected by an epizootic in the western Mediterranean sea.

Collagen characterization in volume-overload- and pressure-overload-induced cardiac hypertrophy in minipigs.

Biochemical characterization and quantitation of the collagenous components of urethral stricture tissue.

Angiosarcoma, porphyria cutanea tarda, and probable chloracne in a worker exposed to waste oil contaminated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Carcinoembryonic antigen mediates in vitro cell aggregation induced by interferon-gamma in a human colon cancer cell line: requirement for active metabolism and intact cytoskeleton.

A new form of tumor and fetal collagen that binds laminin.

Characterization of an arginine 789 to cysteine substitution in alpha 1 (II) collagen chains of a patient with spondyloepiphyseal dysplasia.

Exposure to 2,3,7,8-tetrachlorodibenzo-para-dioxin leads to defective dentin formation and pulpal perforation in rat incisor tooth.

Plasma membrane-dependent activation of the 72-kDa type IV collagenase is prevented by complex formation with TIMP-2.

Iron status and growth of rats fed different dietary iron sources.

Metabolites of sodium selenite and methylated selenium compounds administered at cancer chemoprevention levels in the rat.

Herbimycin A, a pp60c-src tyrosine kinase inhibitor, inhibits osteoclastic bone resorption in vitro and hypercalcemia in vivo.

NAD(P)H:quinone oxidoreductase1 (DT-diaphorase) expression in normal and tumor tissues.

Effects of substrate and inhibition of oxidative metabolism on contraction and myosin phosphorylation in ASM.

Environmental antecedents of young-onset Parkinson's disease.

SSCP detection of a Gly565Val substitution in the pro alpha 1(I) collagen chain resulting in osteogenesis imperfecta type II.

Renal and hepatic toxicity of monochloroacetanilides in the Fischer 344 rat.

Identification and purification of a novel serine proteinase inhibitor.

Dioxin hepatic carcinogenesis: biologically motivated modeling and risk assessment.

Aortic collagen alterations in human diabetes mellitus. Changes in basement membrane collagen content and in the susceptibility of total collagen to cyanogen bromide solubilisation.

Environmental toxicology of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans.

Effect of a single lethal dose of TCDD on the levels of monoamines, their metabolites and tryptophan in discrete brain nuclei and peripheral tissues of Long-Evans rats.

Desensitization of beta-1 and beta-2, but not beta-3, adrenoceptor-mediated lipolytic responses of adipocytes after long-term norepinephrine infusion.

The effect of NG-nitro-L-arginine methyl ester upon basal blood flow and endothelium-dependent vasodilatation in the dog hindlimb.

Misclassified sarcomas and confounded dioxin exposure.

Electrophysiologic evidence for a toxic polyneuropathy in rats after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Herbimycin A inhibits the association of p60v-src with the cytoskeletal structure and with phosphatidylinositol 3' kinase.

Important aspects of the evidence for TCDD carcinogenicity in man.

Structural alterations in the peptide backbone of beta-amyloid core protein may account for its deposition and stability in Alzheimer's disease.

Serine for glycine substitutions in type I collagen in two cases of type IV osteogenesis imperfecta (OI). Additional evidence for a regional model of OI pathophysiology.

Effects of restricted feeding on the absorption, metabolism, and accumulation of pentachlorobenzene in rats.

The effect of ischaemia on xanthine oxidase activity in rat intestine and liver.

Mechanisms of adaptation of glucose transporters to changes in the oxidative chain of muscle and fat cells.

Additional endpoints and overview of a mouse skeletal variant assay for detecting exposure to teratogens.

Modeling receptor-mediated processes with dioxin: implications for pharmacokinetics and risk assessment.

Osteogenesis imperfecta and type-I collagen mutations. A lethal variant caused by a Gly910-->Ala substitution in the alpha 1 (I) chain.

Metabolism of iron from (3,5,5-trimethylhexanoyl)ferrocene in rats. A dietary model for severe iron overload.

Coplanar polychlorinated biphenyl congener levels and patterns and the identification of separate populations of harbor seals (*Phoca vitulina*) in Denmark.

The mortality experience of workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin in a trichlorophenol process accident.

Identification of soft tissue sarcoma deaths in cohorts exposed to dioxin and to chlorinated naphthalenes.

p60v-src causes tyrosine phosphorylation and inactivation of the N-cadherin-catenin cell adhesion system.

An intronic deletion leading to skipping of exon 21 of COL1A2 in a boy with mild osteogenesis imperfecta.

Lactoferrin co-purifies with myeloperoxidase and is recognised by anti-neutrophil cytoplasm antibodies.

Mechanisms of carcinogenicity of methyl halides.

A de novo G+1-->A mutation at the alpha 2(I) exon 16 splice donor site causes skipping of exon 16 in the cDNA of one allele of an OI type IV proband.

Identification of genes up-regulated in dedifferentiating *Nicotiana glauca* pith tissue, using an improved method for constructing a subtractive cDNA library.

Metabolic inhibition enhances Ca(2+)-activated K+ current in smooth muscle cells of rabbit portal vein.

Liver accumulation of 2,3,7,8-tetrachloro-[3H]dibenzofuran in mice: modulation by treatments with polychlorinated biphenyls.

2,3,7,8-tetrachlorodibenzo-p-dioxin increases cardiac myocyte intracellular calcium and progressively impairs ventricular contractile responses to isoproterenol and to calcium in chick embryo hearts.

Characteristics of a 28-kDa collagenous protein extracted with guanidine from EDTA-demineralized rabbit alveolar bone.

Relationship of oxypurine release to contractile failure in dinitrophenol-treated rat skeletal muscle.

Tissue distribution and toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats after intravenous injection.

Effect of dose, time, and pretreatment on the biliary excretion and tissue distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat.

Chicken smooth muscle myosin light chain kinase is acetylated on its NH₂-terminal methionine.

Induction of neutrophil homotypic adhesion via sialophorin (CD43), a surface sialoglycoprotein restricted to haemopoietic cells.

Angiotensin II-mediated facilitation of sympathetic neurotransmission in the spontaneously hypertensive rat is not associated with neuronal uptake of the peptide.

Human xenobiotic metabolizing esterases in liver and blood.

Singlet oxygen induces collagenase expression in human skin fibroblasts.

Biochemical Basis of Resistance of Tobacco Callus Tissue Cultures to Hydroxyphenylethylamines.

Rapid screening of fish tissue for polychlorinated dibenzo-p-dioxins and dibenzofurans.

Importance of venular flow in control of arteriolar diameter in hamster cremaster muscle.

Glycine decarboxylase complex from higher plants. Molecular cloning, tissue distribution and mass spectrometry analyses of the T protein.

Purification and characterization of catalase from goat (*Capra capra*) lung.

Introduction of lysine and clot binding properties in the kringle one domain of tissue-type plasminogen activator.

Methoxyresorufin and benzyloxyresorufin: substrates preferentially metabolized by cytochromes P4501A2 and 2B, respectively, in the rat and mouse.

Comparative cytotoxic responses of cultured avian and rodent aortic smooth muscle cells to allylamine.

Distribution patterns of polychlorinated biphenyl congeners in harbor seal (*Phoca vitulina*) tissues: statistical analysis.

Histopathologic approaches to chemical toxicity using primary cultures of dissociated neural cells grown in chamber slides.

Responses of smooth muscle cells to platelet-derived growth factor are inhibited by herbimycin-A tyrosine kinase inhibitor.

Stimulation of lipid peroxidation or 4-hydroxynonenal treatment increases procollagen alpha 1 (I) gene expression in human liver fat-storing cells.

Oxygen influences benzyladenine and 2,4-dichlorophenoxyacetic acid levels in cultured embryogenic tissue of Norway spruce.

Photodynamic effects of new silicon phthalocyanines: in vitro studies utilizing rat hepatic microsomes and human erythrocyte ghosts as model membrane sources.

Simultaneous induction of sod, glutathione reductase, GSH, and ascorbate in liver and kidney correlates with survival during aging.

Subunit structures of purified beef mitochondrial cytochrome bc₁ complex from liver and heart.

Relatively immediate relaxant effects of cholera toxin on isolated rabbit blood vessels.

The relevance of fat content in toxicity of lipophilic chemicals to terrestrial animals with special reference to dieldrin and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Maintenance of xenobiotic metabolism and toxicity in rat hepatocyte cultures after cell preservation at 4 degrees.

Oxidative tyrosylation of high density lipoprotein by peroxidase enhances cholesterol removal from cultured fibroblasts and macrophage foam cells.

Ultrastructural localization and afferent sources of corticotropin-releasing factor in the rat rostral ventrolateral medulla: implications for central cardiovascular regulation.

Modification by hydroxyl radicals of functional reactivity in rabbit lingual artery.

Uncoupling of mitochondrial oxidative phosphorylation abolishes the stimulatory action of insulin on the binding of glycolytic enzymes to muscle cytoskeleton.

Toxic potential of non-ortho and mono-ortho coplanar polychlorinated biphenyls in Aroclors, seals, and humans.

A physiologically based pharmacokinetic model for 2,3,7,8-tetrabromodibenzo-p-dioxin (TBDD) in the rat: tissue distribution and CYP1A induction.

Sulphonylurea drugs no longer inhibit ATP-sensitive K⁺ channels during metabolic stress in cardiac muscle.

Primary structure of subfragment-2 from adult chicken cardiac ventricular muscle myosin.

Effects of metabolic inhibition on cytoplasmic calcium and contraction in smooth muscle of rat portal vein.

Light microscopic catalase histochemistry in mussel digestive gland tissue.

2,3,7,8-Tetrachlorodibenzo-P-dioxin induced alterations in protein phosphorylation in guinea pig adipose tissue.

Tyrosyl radical generated by myeloperoxidase catalyzes the oxidative cross-linking of proteins.

Human non-secretory ribonucleases. I. Purification, peptide mapping and lectin blotting analysis of the kidney, liver and spleen enzymes.

Effects of cytochalasin B on calcium transport by 1,25(OH)₂D₃- or PTH-treated chick embryonic yolk sac in vitro and in vivo.

Gene expression and cell proliferation in rat liver after 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

[Toxicology of tobacco].

Effect of macromolecules on the structure of the mitochondrial inter-membrane space and the regulation of hexokinase.

A mechanistic model of effects of dioxin on gene expression in the rat liver.

ATP-sensitive potassium channels in smooth muscle cells from guinea pig urinary bladder.

Purification and characterization of salicylhydroxamic acid reductase from rat liver.

Iron-initiated tissue oxidation: lipid peroxidation, vitamin E destruction and protein thiol oxidation. Inhibition by a novel antioxidant, U-78517F.

Interaction of the cyclophosphamide metabolite, acrolein, with lactate dehydrogenase-m homolog.

Maturation changes in dermal absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in Fischer 344 rats.

Toxicology, structure-function relationship, and human and environmental health impacts of polychlorinated biphenyls: progress and problems.

Ultrastructure of early chick embryo tissues after high pressure freezing and freeze substitution.

Stimulatory effect of the CYP1A1 inducer 2,3,7,8-tetrachlorodibenzo-p-dioxin on the reproduction of HIV-1 in human lymphoid cell culture.

Inhibitors of mitochondrial carnitine palmitoyltransferase I limit the action of proteases on the enzyme. Isolation and partial amino acid analysis of a truncated form of the rat liver isozyme.

Amino-acid sequence of the cooperative dimeric myoglobin from the radular muscles of the marine gastropod *Nassa mutabilis*.

[Use of arylsulfenylchlorides for cleaving fibrinogen at methionine residues].

Movement of fluorescein and its glucuronide across retinal pigment epithelium-choroid.

Dioxin toxicity. Agency for Toxic Substances and Disease Registry.

Dityrosine, a specific marker of oxidation, is synthesized by the myeloperoxidase-hydrogen peroxide system of human neutrophils and macrophages.

Nonresponsiveness of normal human fibroblasts to dioxin correlates with the presence of a constitutive xenobiotic response element-binding factor.

Purification and characterization of glutathione S-transferase of murine ovary and testis.

Enhanced glutathione S-transferase 7-7 expression in rat hepatic cytosol following treatment with pyrrole.

Image processing: a non-destructive method for measuring growth in cell and tissue culture.

Evaluation of collagen cross-linking techniques for the stabilization of tissue matrices.

Semicarbazide protection from in vivo oxidant injury of vascular tissue by allylamine.

Dystrophin in a membrane skeletal network: localization and comparison to other proteins.

Phosphorylation of serine 2843 in ryanodine receptor-calcium release channel of skeletal muscle by cAMP-, cGMP- and CaM-dependent protein kinase.

Nature and role of xenobiotic metabolizing esterases in rat liver, lung, skin and blood.

In vitro toxicity screening using cultured rat skeletal muscle cells. I. Surfactants and mitochondrial poisons.

The relative contribution of individual polychlorinated biphenyls (PCBs), polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzo-p-furans (PCDFs) to toxic equivalent values derived for bulked human adipose tissue samples from Wales, United Kingdom.

nir1, a conditional-lethal mutation in barley causing a defect in nitrite reduction.

A temperature dependent action of fluoride on aqueous outflow facility of the calf eye.

Effects of acute sodium arsenite administration on the pulmonary chemical metabolizing enzymes, cytochrome P-450 monooxygenase, NAD(P)H:quinone acceptor oxidoreductase and glutathione S-transferase in guinea pig: comparison with effects in liver and kidney.

Modulation of protooncogene expression in rat aortic smooth muscle cells by benzo[a]pyrene.

Intestinal solubility and absorption of ferrous iron in growing rats are affected by different dietary pectins.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on plasma and tissue beta-endorphin-like immunoreactivity in the most TCDD-susceptible and the most TCDD-resistant rat strain.

The post-translational chemistry and molecular packing of mineralizing tendon collagens.

Tendon collagens: extracellular matrix composition in shear stress and tensile components of flexor tendons.

Culture medium composition affects the relative toxicities of chlorobenzenes in rat liver slices and the isolated perfused liver.

Molecular interactions between tissue-type plasminogen activator and plasminogen.

Developmental analysis of primary and secondary somatic embryogenesis in soybean tissue culture.

[Role of H⁺ ATPases in plasma membranes of airway smooth muscle].

In vitro induction of reactive oxygen species by 2,3,7,8-tetrachlorodibenzo-p-dioxin, endrin, and lindane in rat peritoneal macrophages, and hepatic mitochondria and microsomes.

Herbicides and cancer.

Resistance of murine lung tumors to xenobiotic-induced cytotoxicity.

Mechanism and prediction of nonspecific toxicity to fish using bioconcentration characteristics.

Simazine toxicosis in sheep.

Tissue-binding and toxicity of compounds structurally related to the herbicide dichlobenil in the mouse olfactory mucosa.

Selected pesticide residues and metabolites in urine from a survey of the U.S. general population.

Inhibition of lipid peroxidation and cholesterol levels in mice by curcumin.

Pulmonary hemodynamics and lung function during chronic paraquat poisoning in sheep. Possible role of reactive oxygen species.

Soft tissue sarcoma, aplastic anaemia, and exposure to pesticides.

Reproductive study of acrolein on two generations of rats.

Dioxin intoxication from chronic exposure of horses to pentachlorophenol-contaminated wood shavings.

NTP technical report on the toxicity studies of Glyphosate (CAS No. 1071-83-6) Administered In Dosed Feed To F344/N Rats And B6C3F1 Mice.

[Toxic and drug-induced lesions of the pulmonary parenchyma].

Effects of glutathione-modulating agents on the covalent binding and toxicity of dichlobenil in the mouse olfactory mucosa.

[The tolerance and residue accumulation of sodium-2,2-dichloropropionate (Dalapon) administered over 90 days to dairy cows].

Two-year toxicity and carcinogenicity study of acrolein in rats.

Phenoxy herbicides and chlorophenols: a case control study on soft tissue sarcoma and malignant lymphoma.

Lung protection against paraquat is calcium dependent.

The effect of pesticides on carp (*Cyprinus carpio* L). Acetylcholinesterase and its biochemical characterization.

Effect of preinduction of metallothionein on paraquat toxicity in mice.

Effect of L-cystine on toxicity of paraquat in mice.

Occupation and soft-tissue sarcoma in northeastern Italy.

Fatal paraquat poisoning: a light microscopic study in eight autopsy cases.

Renal cadmium deposition and injury as a result of accumulation of cadmium-metallothionein (CdMT) by the proximal convoluted tubules--A light microscopic autoradiography study with ¹⁰⁹CdMT.

Selective eosinophil leukocyte recruitment by transendothelial migration and not by leukocyte-endothelial cell adhesion.

Pharmacologically active phenylpropanoids from *Senra incana*.

The plateau phase rat goiter contains a sub-population of TSH-responsive follicular cells capable of proliferation following transplantation.

Preservation of keratin expression in oral mucosa using a novel transport medium.

Antioxidant and anticataractogenic effects of topical captopril in diquat-induced cataract in rabbits.

Chloride channels of skeletal muscle from developing, adult and aged rats are differently affected by enantiomers of 2-(p-chlorophenoxy) propionic acid.

The isolation and partial characterization of catalase and a peroxidase active fraction from human white adipose tissue.

Metabolism of alachlor by rat and monkey liver and nasal turbinate tissue.

Inhibition of sulfotransferase in primary cultures of human hepatocytes affecting metabolism and binding of 2-acetylaminofluorene.

Responses of vascular endothelial oxidant metabolism to lipopolysaccharide and tumor necrosis factor- α .

The acute effects of ethanol and acetaldehyde on rates of protein synthesis in type I and type II fibre-rich skeletal muscles of the rat.

Paraquat-induced lung injury: prevention by N-tert-butyl-alpha-phenylnitron, a free-radical spin-trapping agent.

1-Methyl-tetrahydro-beta-carboline-3-carboxylic acid is present in the rat brain and is not increased after acute ethanol injection with cyanamide treatment.

Biotransformation of butachlor through mercapturic acid pathway in rat tissue homogenates.

The influence of buffers during fixation on the appearance of smooth endoplasmic reticulum and glycogen in hepatocytes of normal and glycogen-depleted rats.

Opposite effects of enantiomers of clofibrilic acid derivative on rat skeletal muscle chloride conductance: antagonism studies and theoretical modeling of two different receptor site interactions.

The pyrimido-pyrimidine derivative RA-642 protects from brain injury in a combined model of permanent focal ischemia and global ischemia reperfusion.

Methyl bromide intoxication and acute energy deprivation syndromes.

Influence of irrigation and intracanal dressing on the healing process of dogs' teeth with apical periodontitis.

Mitochondrial ATP-synthase deficiency in a child with 3-methylglutaconic aciduria.

An amino acid substitution (Gly853-->Glu) in the collagen alpha 1(II) chain produces hypochondrogenesis.

Inhibition of acute TCDD toxicity by treatment with anti-tumor necrosis factor antibody or dexamethasone.

[The retention of alkyldinitrophenol compounds in cadaveric material].

Enzymatic production of acetaldehyde from ethanol in rat brain tissue.

Cytochemical detection of superoxide in cerebral inflammation and ischemia in vivo.

[Pulmonary surfactant in experimental congenital diaphragmatic hernia].

Amyotrophic lateral sclerosis: increased solubility of skin collagen.

Endoscopic treatment of vesicoureteral reflux with a self-detachable balloon system.

Bioavailability to rats and toxicity of bound residues in bean seeds fumigated with ^{14}C -methyl bromide.

Hypoxia induces glucose transporter expression in endothelial cells.

A dominant mutation in the COL1A1 gene that substitutes glycine for valine causes recurrent lethal osteogenesis imperfecta.

Expression of mutant alpha (I)-procollagen in osteoblast and fibroblast cultures from a proband with osteogenesis imperfecta type IV.

Persistent brominated and chlorinated dioxin blood levels in a chemist. 35 years after dioxin exposure.

Chronic sodium azide treatment impairs learning of the Morris water maze task.

Type I keratinocyte transglutaminase: expression in human skin and psoriasis.

Anti-Ro autoantibody with cross-reactive binding to the heavy chain of immunoglobulin G.

Dose-response relationships for chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in a rat tumor promotion model: quantification and immunolocalization of CYP1A1 and CYP1A2 in the liver.

Detection and characterisation of an overmodified type III collagen by analysis of non-cutaneous connective tissues in a patient with Ehlers-Danlos syndrome IV.

Research note: effect of 2,4-dinitrophenol on growth and body composition of broilers.

Localization of the reflex pathway responsible for the vasodepressor reaction induced by inferior vena caval occlusion and isoproterenol.

Extraembryonic tissue changes induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,4,7,8-pentachlorodibenzofuran with a note on direction of maternal blood flow in the labyrinth of C57BL/6N mice.

[Trace analysis for drugs and poisons in human tissues].

Modulation of type II collagen-induced arthritis in DBA/1 mice by intravenous application of a peptide from the C1q-A chain.

A single base mutation in the gene for type III collagen (COL3A1) converts glycine 847 to glutamic acid in a family with Ehlers-Danlos syndrome type IV. An unaffected family member is mosaic for the mutation.

Neutrophils contribute to TNF induced myocardial tolerance to ischaemia.

Cancer incidence following chlorophenol exposure in a community in southern Finland.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on blood and spleen natural killer (NK) cell activity in the mouse.

Mitochondrial dysfunction observed in situ in cardiomyocytes of rats in experimental diabetes.

Risk factors for adult soft tissue sarcoma in northern Italy.

Sodium monochloroacetate poisoning of greenfinches.

Anti-estrogenic action of 2,3,7,8-tetrachlorodibenzo-p-dioxin: tissue-specific regulation of estrogen receptor in CD1 mice.

Inhibition of intestinal glucose absorption in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Growth inhibition by anchorage-deficiency is associated with increased level but reduced phosphorylation of mutant p53.

Neutrophil accumulation in ischemic reperfused rat liver: evidence for a role for superoxide free radicals.

Effect of acidosis and anoxia on iron delocalization from brain homogenates.

Lysyl hydroxylation in collagens from hyperplastic callus and embryonic bones.

Altered ratio of collagen chains in bone of a patient with non-lethal osteogenesis imperfecta.

An osteopenic nonfracture syndrome with features of mild osteogenesis imperfecta associated with the substitution of a cysteine for glycine at triple helix position 43 in the pro alpha 1(I) chain of type I collagen.

Heme oxygenase: expression in human retina and modulation by stress agents in a human retinoblastoma cell model system.

Serum 2,3,7,8-tetrachlorodibenzo-p-dioxin levels of New Zealand pesticide applicators and their implication for cancer hypotheses.

The mechanism of action of the two-layer (Euro-Collins' solution/perfluorochemical) cold storage method in canine pancreas preservation.

A new threat to public health: organochlorines and food.

Toxicity of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats after single oral administration.

Old and new reflections on dioxin.

Reconciling old and new findings on dioxin.

Placental transport of dioxins from mother to fetus. II. PCBs, dioxins and furans and vitamin K metabolism.

Fatal systemic poisoning after skin exposure to monochloroacetic acid.

Epitope specificity of antibodies to type II collagen in rheumatoid arthritis and systemic lupus erythematosus.

Clinical and cytologic aspects of ocular late-phase reaction in the guinea pig.

Amelioration of dermal lesions in streptozotocin-induced diabetic rats by aminoguanidine.

Reactive oxygen metabolites in toxic acute renal failure.

Purification and determination of the binding site of lactate dehydrogenase from chicken breast muscle on immobilized ferric ions.

Hepatic Na(+)-dicarboxylate cotransport: identification, characterization, and acinar localization.

Primary structure and cellular localization of chicken brain myosin-V (p190), an unconventional myosin with calmodulin light chains.

Vascular smooth muscle cell detachment from elastin and migration through elastic laminae is promoted by chondroitin sulfate-induced "shedding" of the 67-kDa cell surface elastin binding protein.

Kinetic analysis of internalization, recycling and redistribution of atrial natriuretic factor-receptor complex in cultured vascular smooth-muscle cells. Ligand-dependent receptor down-regulation.

Phosphorylation of smooth muscle caldesmon by mitogen-activated protein (MAP) kinase and expression of MAP kinase in differentiated smooth muscle cells.

Turnover of 1-aminocyclopropane-1-carboxylic Acid synthase protein in wounded tomato fruit tissue.

Effect of increased tissue oxygen uptake on autoregulation in postnatal intestine.

Histochemical arguments for muscular non-shivering thermogenesis in muscovy ducklings.

Genotoxicity of environmental agents in human mammary epithelial cells.

Evaluation of iron binding and peroxide-mediated toxicity in rat hepatocytes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes reduction of glucose transporting activities in the plasma membranes of adipose tissue and pancreas from the guinea pig.

Amino acid sequence of the 20-kDa regulatory light chain of porcine aorta media smooth muscle myosin.

Characteristics of L-citrulline transport across rat small intestine in vitro.

Synergism among oxidants, proteinases, phospholipases, microbial hemolysins, cationic proteins, and cytokines.

Amino-acid sequence of the short subfragment-2 in adult chicken cardiac muscle myosin.

Mechanism for the hepatotoxicity of the antiandrogen, nilutamide. Evidence suggesting that redox cycling of this nitroaromatic drug leads to oxidative stress in isolated hepatocytes.

Brain and egg tubulins from antarctic fishes are functionally and structurally distinct.

Ferritin: a cytoprotective antioxidant strategem of endothelium.

Bovine brain 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase. Evidence for a neural-specific isozyme.

The potentiation of 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity by tamoxifen in female CD1 mice.

Dermal absorption of chemicals: effect of application of chemicals as a solid, aqueous paste, suspension, or in volatile vehicle.

Absence of mitochondrial beta-adrenoceptors in guinea pig myocardium: evidence for tissue disparity.

Localization of peroxidase activity in the retina and the retinal pigment epithelium of the Syrian golden hamster (*Mesocricetus auratus*).

cDNA sequence of a sunflower oleosin and transcript tissue specificity.

Studies of collagen in bone and dentin matrix of a Columbian mammoth (late Pleistocene) of central Utah.

Purification and characterization of adenosine diphosphatase from human umbilical vessels.

[Purification and properties of NAG A from human kidney].

Differentiation of quail myoblasts transformed with a temperature sensitive mutant of Rous sarcoma virus. I. Relationship between differentiation and tyrosine kinase of src gene product.

Bovine bone activin enhances bone morphogenetic protein-induced ectopic bone formation.

Autophosphorylation of skeletal muscle myosin light chain kinase.

NTP technical report on the toxicity studies of para-Chloro-alpha,alpha,alpha Trifluorotoluene (CAS NO: 98-56-6) Administered in Corn Oil and alpha-Cyclodextrin to F344/N Rats and B6C3F1 Mice in 14-Day Comparative Gavage Studies.

Biochemical comparison of fast- and slow-contracting squid muscle.

Bioenergetics and cell communication; cell uncoupling seen as a protective mechanism in cardiac muscle.

Arsenic concentrations in tissues and body fluids of dogs on chronic low-level dietary sodium arsenite.

Mitochondrial glutathione and methyl iodide-induced neurotoxicity in primary neural cell cultures.

Factors affecting the toxicity of dioxin-like toxicants: a molecular approach to risk assessment of dioxins.

Molecular cloning of rat prostate transglutaminase complementary DNA. The major androgen-regulated protein DP1 of rat dorsal prostate and coagulating gland.

Thermoregulatory, carboxyatractylate-sensitive uncoupling in heart and skeletal muscle mitochondria of the ground squirrel correlates with the level of free fatty acids.

Deamidation of human erythrocyte protein 4.1: possible role in aging.

Distribution of cytochrome P450 1A1 and NADPH-cytochrome P450 reductase in lungs of rabbits treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin: ultrastructural immunolocalization and in situ hybridization.

Altered expression of a mouse epidermal cytoskeletal protein is a sensitive marker for proliferation induced by tumor promoters.

Mammalian thymidine kinase 2. Direct photoaffinity labeling with [32P]dTTP of the enzyme from spleen, liver, heart and brain.

A monoclonal antibody that recognizes different conformational states of skeletal muscle troponin C and other calcium binding proteins.

Characterization of mineral-binding 40-kDa glycoprotein extracted from young adult rabbit alveolar bone.

Comparison of the effect of a mitochondrial uncoupler, 2,4-dinitrophenol and adrenaline on oxygen radical production in the isolated perfused rat liver.

Cyclophosphamide cystitis in rats: involvement of capsaicin-sensitive primary afferents.

A cardiac troponin T epitope conserved across phyla.

Sodium-dependent nucleoside transport in choroid plexus from rabbit. Evidence for a single transporter for purine and pyrimidine nucleosides.

Mechanisms of extracellular reactive oxygen species injury to the pulmonary microvasculature.

The mechanism of action of the two-layer (Euro-Collins' solution/perfluorochemical) cold-storage method in canine pancreas preservation--the effect of 2,4 dinitrophenol on graft viability and adenosine triphosphate tissue concentration.

Studies on curare-like action of 2,2',2''-tripridine in the mouse phrenic nerve-diaphragm.

Distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in splenic tissue of C57BL/6J mice.

Perinatal changes in the coupling of beta 1- and beta 3 adrenergic receptors to brown fat adenylyl cyclase.

Carbamylation-induced alterations in low-density lipoprotein metabolism.

Interleukin-1 beta suppresses the induction of P4501A1 and P4501A2 mRNAs in isolated hepatocytes.

Supercritical carbon dioxide extraction of 2,4-dichlorophenol from food crop tissues.

Comparison of fibrin-mediated stimulation of plasminogen activation by tissue-type plasminogen activator (t-PA) and fibrin-dependent enhancement of amidolytic activity of t-PA.

Localization in the fibrinogen gamma-chain of a new site that is involved in the acceleration of the tissue-type plasminogen activator-catalysed activation of plasminogen.

[Use of 2,4-dinitrophenol for immunosuppressive action on the recipient in implantation of fetal organs in mice].

Physiological properties of liver, gonads and muscle during maturation of female Atlantic salmon, *Salmo salar*. Comparison between a control and xenobiotics containing fish feed.

Tricarboxylic acid cycle activity in perfused rat lungs after O₂ exposure.

Inhibition of tyrosine phosphorylation prevents thrombin-induced mitogenesis, but not intracellular free calcium release, in vascular smooth muscle cells.

Tissue culture of endod (*Phytolacca dodecandra* L'Herit): growth and production of ribosome-inactivating proteins.

Metabolism and disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin in ring-necked pheasant hens, chicks, and eggs.

Serotonin and norepinephrine vasoconstriction in rat hindlimb have different oxygen requirements.

[Thermal distribution in the agar phantom by a new intracavitary RF applicator for prostate gland].

Purification and localization of brain-type creatine kinase in sodium chloride transporting epithelia of the spiny dogfish, *Squalus acanthias*.

Interaction between the heavy and the regulatory light chains in smooth muscle myosin subfragment 1.

Differential Expression of Histone H3 Gene Variants during Cell Cycle and Somatic Embryogenesis in Alfalfa.

Oxygen modulates contractile responses to potassium and prostaglandin F2 alpha in human pial arteries.

Preparation and biodistribution in mice of [11C]carfentanil: a radiopharmaceutical for studying brain mu-opioid receptors by positron emission tomography.

Iron supplementation after femoral head replacement for patients with normal iron stores.

Photoaffinity labeling of the nucleotide-binding site of the uncoupling protein from hamster brown adipose tissue.

High frequency somatic embryogenesis and plant regeneration in tissue cultures of *Codonopsis lanceolata*.

An automated in vitro dermal absorption procedure: II. Comparative in vivo and in vitro dermal absorption of the herbicide fenoxaprop-ethyl (HOE 33171) in rats.

Effects of cyclophosphamide and acrolein in organoid cultures of mouse limb bud cells grown in the presence of adult rat hepatocytes.

Growth stimulation by catecholamines in plant tissue/organ cultures.

Culture of cells from zebrafish (*Brachydanio rerio*) embryo and adult tissues.

Association of blebbing with assembly of cytoskeletal proteins in ATP-depleted EL-4 ascites tumour cells.

A potassium current activated by lemakalim and metabolic inhibition in rabbit mesenteric artery.

Tissue distribution of monochloroacetic acid and its binding to albumin in rats.

Vascular cells under peroxide induced oxidative stress: a balance study on in vitro peroxide handling by vascular endothelial and smooth muscle cells.

[A stereoscopic analysis of centrosome structure in the cells of a tissue culture under the action of energy metabolism inhibitors. I. 2,4-Dinitrophenol, deoxyglucose, sodium azide and the calcium ionophore A23187].

Heterogeneity of rat hepatic Ah receptor: identification of two receptor forms which differ in their biochemical properties.

Analysis of DNA strand breaks induced in rodent liver in vivo, hepatocytes in primary culture, and a human cell line by chlorinated acetic acids and chlorinated acetaldehydes.

Subcellular mechanism and site of action of ionic lanthanum at the motor nerve terminal.

Production of polyclonal antibody to the bovine adrenal atrial natriuretic factor-R1 receptor.

Weight of the evidence on the human carcinogenicity of 2,4-D.

[Immunomorphological analysis of prolonged intoxication by low doses of herbicide simazine].

Functional analysis of cis-elements, auxin response and early developmental profiles of the mannopine synthase bidirectional promoter.

Conjugates of superoxide dismutase with the Fc fragment of immunoglobulin G.

Marijuana and tobacco smoke gas-phase cytotoxins.

Cancer mortality in workers exposed to chlorophenoxy herbicides and chlorophenols.

[Biochemical and histological changes after acute oral poisoning with the acetanilide herbicide acetochlor].

Protection of rats against the effects of alpha-naphthylthiourea (ANTU) by elevation of non-protein sulphhydryl levels.

Free radical-induced carbonyl content in protein of estrogen-treated hamsters assayed by sodium borohydride reduction.

Comparison of one-electron reduction activity against the bipyridylum herbicides, paraquat and diquat, in microsomal and mitochondrial fractions of liver, lung and kidney (in vitro).

Immunological consequences of exposure to pentachlorophenol.

The role of xanthine oxidase in paraquat intoxication.

2,4-Dichlorophenoxyacetic acid causes chromatin and chromosome abnormalities in plant cells and mutation in cultured mammalian cells.

Developmental analysis of elongation factor-1 alpha expression in transgenic tobacco.

[Changes in the laboratory rat during development after parenteral administration of the herbicide Zeazin S-40. II. Morphologic findings].

Morphological effects of acute and chronic atrazine exposure in rainbow trout (*Oncorhynchus mykiss*).

Human health effects: what the data indicate.

A cohort mortality study of forestry workers exposed to phenoxy acid herbicides.

Pentachlorophenol concentrations in human cerebrospinal fluid.

Sublethal effects of pentachlorophenol in the abalone (*Haliotis rufescens*) as measured by in vivo ³¹P NMR spectroscopy.

Incidence rates of lymphomas and soft-tissue sarcomas and environmental measurements of phenoxy herbicides.

Mortality and incidence of cancer at four factories making phenoxy herbicides.

A fatal case of parenteral paraquat poisoning.

Protective effect of taurine against acute paraquat intoxication in rats.

Effect of atrazine on some aspects of lipid metabolism in fresh water fish.

Inhibition of human and rabbit platelet aggregation by chlorophenoxyacid herbicides.

Immunohistochemical localization of paraquat in lung and brain.

Effects of 2,4,5-trichlorophenoxyacetic acid, pentachlorophenol, methylprednisolone, and Freund's adjuvant on 2-hydroxyethylnitrosourea carcinogenesis in MRC-Wistar rats.

Evaluation of organ injuries in Paraquat intoxication.

[The effect of the acetanilide herbicide Acetochlor on the cardiovascular system of white rats].

Effects of acute 2,4-dichlorophenoxyacetic acid intoxication on some rat serum components and enzyme activities.

Oxy radicals in the eye tissues of rabbits after diquat in vivo.

Free radical enhancer xenobiotic is an inducer of cataract in rabbit.

Oxygen metabolite effects on creatine kinase and cardiac energetics after reperfusion.

[The characteristics of glutathione reductase distribution and activity in the liver of adult rats subjected to paraquat action in the embryonic period].

Free radical production and ischemic brain damage: influence of postischemic oxygen tension.

Central monoamine oxidase and phenolsulfotransferase activities in spontaneously hypertensive rats.

Cytochemical studies of hydrogen peroxide generation in postischemic hepatocytes.

Inverse correlation between resistance towards copper and towards the redox-cycling compound paraquat: a study in copper-tolerant hepatocytes in tissue culture.

Dose-dependent increases in metallothionein synthesis in the lung and liver of paraquat-treated rats.

Tissue peroxidase in the normal and neoplastic salivary gland.

Residues of pentachlorophenol and other chlorinated contaminants in human tissues: analysis by electron capture gas chromatography and electron capture negative ion mass spectrometry.

Enzyme mediated superoxide radical formation initiated by exogenous molecules in rat brain preparations.

Dose- and time-dependent effect of an acute 3-amino-1,2,4-triazole injection on rat brain catalase activity.

Metabolism of glyphosate in Sprague-Dawley rats: tissue distribution, identification, and quantitation of glyphosate-derived materials following a single oral dose.

Glyphosate skin binding, absorption, residual tissue distribution, and skin decontamination.

An investigation of the sensitivity of the ouabain-insensitive sodium efflux in single barnacle muscle fibers to pentachlorophenol.

Ethanol-induced reductions in skeletal muscle protein synthesis: use of the inhibitors of alcohol and aldehyde dehydrogenase.

Studies on ethanol-brain catalase interaction: evidence for central ethanol oxidation.

Food Safety and Inspection Service initiatives for tissue residue reduction in meat and poultry.

Gastrointestinal absorption of paraquat in the isolated mucosa of the rat.

Electron-microscopic cytochemical localization of diamine and polyamine oxidases in pea and maize tissues.

[Results of the toxicokinetics of bromoxynil in rats].

Release of intact endothelium-derived relaxing factor depends on endothelial superoxide dismutase activity.

Metabolic activation of the herbicide dichlobenil in the olfactory mucosa of mice and rats.

Modulations in nitrogen metabolism in the hepatic and neuronal tissues of fish, *Tilapia mossambica* exposed to atrazine.

Hydrogen peroxide effects on ionic and non-ionic permeability of the rabbit corneal endothelium.

Pharmacokinetics and metabolism of triclopyr in the crayfish (*Procambarus clarki*).

Regulation of intracellular acetyl-CoA carboxylase by ATP depletors mimics the action of the 5'-AMP-activated protein kinase.

Relative liver tumour promoting activity and toxicity of some polychlorinated dibenzo-p-dioxin- and dibenzofuran-congeners in female Sprague-Dawley rats.

Specific reduction of I-compound levels in DNA from spontaneous hepatomas of 22-24 month old male C3H mice.

Myocardial calcium cycling defect in furazolidone cardiomyopathy.

Induction of NAD(P)H:quinone reductase in human peripheral blood lymphocytes.

[Increased risk of soft tissue sarcoma in persons exposed to dioxin].

The degradation of type II collagen in rheumatoid arthritis: an immunoelectron microscopic study.

Detection and characterization of the Ah receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in the human colon adenocarcinoma cell line LS180.

Homotypic aggregation of human cell lines by HLA class II-, class Ia- and HLA-G-specific monoclonal antibodies.

A continuously rotating passive agglutination method using rapidly precipitable latex particles and its application.

Scanning electron microscopic observations on muscle cells of experimental mitochondrial myopathy produced by 2, 4-dinitrophenol.

In-vivo epidermal nuclear reactions: a selective process.

Symptoms among workers with long-term exposure to methyl bromide. An epidemiological study.

Glutathione depletion during experimental damage to rat skeletal muscle and its relevance to Duchenne muscular dystrophy.

Characterization of an inducible aryl hydrocarbon receptor-like protein in rat liver.

Disposition and excretion of intravenous 2,3,7,8-tetrabromodibenzo-p-dioxin (TBDD) in rats.

Effect of modulators of glutathione synthesis on the hepatotoxicity of 2-methylfuran.

[Coplanar PCBs, PCDFs and PCDDs in the subcutaneous adipose tissue of Yusho patients and normal controls].

Effects of ATP-sensitive K⁺ channel blockers on the action potential shortening in hypoxic and ischaemic myocardium.

Iron dextran-induced muscle pain.

Pharmacokinetics of quinolones: newer aspects.

Use of epidemiology data to assess the cancer risk of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Washed human platelets prevent ischemia-reperfusion edema in isolated rabbit lungs.

Dioxin contamination and growth and development in great blue heron embryos.

Evaluation of the persistence of hydronephrosis induced in mice following in utero and/or lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Promotion of mouse lung tumors by bioaccumulated polychlorinated aromatic hydrocarbons.

Oxidation of articular cartilage glyceraldehyde-3-phosphate dehydrogenase (G3PDH) occurs in vivo during carrageenin-induced arthritis.

Association of the crosslinked IgE receptor with the membrane skeleton is independent of the known signaling mechanisms in rat basophilic leukemia cells.

Ovarian hormones enhance 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated increases in cell proliferation and preneoplastic foci in a two-stage model for rat hepatocarcinogenesis.

[Inhibitors for protein tyrosine kinases, erbstatin, genistein and herbimycin A, induce differentiation of human neural tumor cell lines].

Histological study of therapy for infected nonvital permanent teeth with incompletely formed apices.

Cancer mortality in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Respective roles of free radicals and energy supply in hypoxic rat liver injury after reoxygenation.

Long-term carcinogenesis studies on 2,3,7,8-tetrachlorodibenzo-p-dioxin and hexachlorodibenzo-p-dioxins.

The tissue distribution of 2,3,7,8-chlorine substituted dibenzo-p-dioxins in humans who died of cancer.

Mechanisms of cell death.

Roles of UDP-glucuronosyltransferases in chemical carcinogenesis.

Phenotypic variability and abnormal type I collagen unstable at body temperature in a family with mild dominant osteogenesis imperfecta.

[Role of collagen conformation in type II anticollagen immunity in rheumatoid polyarthritis].

An exploratory study of environmental and medical factors potentially related to childhood cancer.

Diethyldithiocarbamate, copper and neurological disorders.

Effects of divalent cations on the time course of post-tetanic decay of miniature endplate potential frequency in frogs.

Human exposure to 2,3,7,8-TCDD and risk of cancer.

[Parkinson's disease and environmental factors].

Identification of antibody epitopes within the CB-11 peptide of type II collagen. II. Computer modelling studies of peptides and the interpretation of epitope scanning results.

Identification of antibody epitopes within the CB-11 peptide of type II collagen. I: Detection of antibody binding sites by epitope scanning.

Diversity of the immune response to bovine type II and XI collagens in rats.

Heat shock proteins in human and mouse embryonic cells after exposure to heat shock or teratogenic agents.

On the mechanism of action of interferons: interaction with nonsteroidal anti-inflammatory agents, pentoxifylline (Trental) and cGMP inducers.

[Association between cancer and exposure to chlorophenols in a county located in southern Finland].

Response of the antral mucosa of the rat stomach to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Relationship between the concanavalin A-agglutinability and deformability of human erythrocytes.

Somatic embryogenesis and plant regeneration of squash Cucurbita pepo L cv. YC 60.

Single-dose cyclophosphamide for the prevention of bladder tumor implantation in F344 rats: site of drug activity.

Dioxins and dibenzofurans in adipose tissue of US Vietnam veterans and controls.

Conversion of retinol to retinal by rat liver microsomes.

The nature of the proteins lost from isolated rat skeletal muscle during experimental damage.

The major proteoglycan of adult rabbit skeletal muscle. Relationship to small proteoglycans of other tissues.

NTP technical report on the toxicity studies of Cresols (CAS Nos. 95-48-7, 108-39-4, 106-44-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Evidence for regulatory control of iron uptake from ferric maltol across the small intestine of the rat.

Biochemical study of repair of induced osteochondral defects of the distal portion of the radial carpal bone in horses by use of periosteal autografts.

Absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) after low dose dermal exposure.

Detection and characterization of Ah receptor in tissue and cells from human tonsils.

Biochemical characterization of the native tissue form of type X collagen from embryonic chick sternal cartilage and identification of a chymotrypsin-sensitive site within its triple-helical domain.

Variation in the expression of Mu-class glutathione S-transferase isoenzymes from human skeletal muscle. Evidence for the existence of heterodimers.

Isolation and characterization of cDNA clones to mouse macrophage and human endothelial cell tissue transglutaminases.

Cytotoxicity and chromosome aberrations in normal human oral keratinocytes induced by chemical carcinogens: Comparison of inter-individual variations.

Allylamine toxicity in embryonic myocardial myocyte reaggregate cultures.

Toxicity and tissue distribution of pentachlorophenol and permethrin in pipistrelle bats experimentally exposed to treated timber.

Biologically based pharmacodynamic models: tools for toxicological research and risk assessment.

Identification of collagens in the human testis.

Effect of natural ageing and antioxidant inhibition on liver antioxidant enzymes, glutathione system, peroxidation, and oxygen consumption in *Rana perezi*.

Ca²⁺-activated K⁺ channels in airway smooth muscle are inhibited by cytoplasmic adenosine triphosphate.

Cell-type-specific recognition of allogeneic cells by alloreactive cytotoxic T cells: a consequence of peptide-dependent allorecognition.

Intracellular regulation of the production and release of human erythroid-directed lymphokines.

Effect of experimental ocular hypertension on macrovacuolation in Schlemm's canal endothelial cells of monkey eyes.

Simple determination of iodine in small specimens of thyroid tissue.

Increased copper concentrations in rat tissues after acute intoxication with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Penetration, distribution and kinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in human skin in vitro.

Ten- and ninety-day toxicity studies of 1,2-dichlorobenzene administered by oral gavage to Sprague-Dawley rats.

Characterization of fusion from without induced by herpes simplex virus.

The role of metabolism in chemical-induced pulmonary toxicity.

Effects of oxidants on protein breakdown in skeletal muscle.

Accumulation and release of adrenaline, and the modulation by adrenaline of noradrenaline release from rabbit blood vessels in vitro.

A comparative study of the effects of phebrol on the respiratory chains of rat liver, *Biomphalaria glabrata* and *Oncomelania nosophora*.

Comparison of the amino acid sequences of tissue-specific parvalbumins from chicken muscle and thymus and possible evolutionary significance.

Hexose uptake in primary cultures of bovine brain microvessel endothelial cells. I. Basic characteristics and effects of D-glucose and insulin.

Effects of exogenous auxins on expression of lipoxygenases in cultured soybean embryos.

Inducible bilirubin-degrading system of rat liver microsomes: role of cytochrome P450IA1.

Absorption and metabolic characteristics of p-aminobenzoic acid and its isomer, m-aminobenzoic acid, from the rat small intestine.

[Comparative study of the effectiveness of the classical and modified Cooper protocol for breast cancer chemotherapy].

The metabolism and excretion of prochloraz, an imidazole-based fungicide, in the rat.

Differentiation by hydroquinone of relaxations induced by exogenous and endogenous nitrates in non-vascular smooth muscle: role of superoxide anions.

Ah receptor in mice genetically "nonresponsive" for cytochrome P450IA1 induction: cytosolic Ah receptor, transformation to the nuclear binding state, and induction of aryl hydrocarbon hydroxylase by halogenated and nonhalogenated aromatic hydrocarbons in embryonic tissues and cells.

The cortical actomyosin system of cytochalasin D-treated lymphoblasts.

Homogeneous distribution of phosphofructokinase in the rat liver acinus: a quantitative histochemical study.

Active transport of ascorbic acid across the retinal pigment epithelium of the bullfrog.

Proteolytic cleavage sites in smooth muscle myosin-light-chain kinase and their relation to structural and regulatory domains.

GABA-labeled terminals form proportionally more synapses with dopaminergic neurons containing low densities of tyrosine hydroxylase-immunoreactivity in rat ventral tegmental area.

Stimulation by auxin of phospholipase A in membrane vesicles from an auxin-sensitive tissue is mediated by an auxin receptor.

In-vitro hepatotoxicity of three dichlorobenzene isomers in human liver slices.

Studies on the mechanism of the toxic action of sodium nitrite on intestinal absorption in rats.

Occurrence of an Inhibitor of Tissue-Type Plasminogen Activator in Seeds and in Vitro Cultures of *Erythrina caffra* Thunb.

Mitochondrial 3-2trans-Enoyl-CoA isomerase. Purification, cloning, expression, and mitochondrial import of the key enzyme of unsaturated fatty acid beta-oxidation.

Cardiotonic action of plumbagin on guinea-pig papillary muscle.

meso-2,3-Dimercaptosuccinic acid and prevention of arsenite embryotoxicity and teratogenicity in the mouse.

Evidence for arsenic as the immunosuppressive component of gallium arsenide.

In vitro identification of a soluble protein:geranylgeranyl transferase from rat tissues.

Cross-linking of residue 57 in the regulatory domain of a mutant rabbit skeletal muscle troponin C to the inhibitory region of troponin I.

The primary structure of skeletal muscle myosin heavy chain: IV. Sequence of the rod, and the complete 1,938-residue sequence of the heavy chain.

The primary structure of skeletal muscle myosin heavy chain: I. Sequence of the amino-terminal 23 kDa fragment.

Diverse forms of stress result in changes in cellular levels of osteonectin/SPARC without altering mRNA levels in osteoligament cells.

Quantitation of type I, III, and V collagens in human tissue samples by high-performance liquid chromatography of selected cyanogen bromide peptides.

The pyrimido-pyrimidine derivative RA-642: a potent inhibitor of ferrous-induced lipid peroxidation in cell membranes.

Alterations of hepatic acetyl-CoA carboxylase by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Requirement of heparan sulfate for bFGF-mediated fibroblast growth and myoblast differentiation.

Formation of large, membrane skeleton-free erythrocyte vesicles as a function of the intracellular pH and temperature.

Pentachlorophenol Residues in Porcine Tissue Following Preslaughter Exposure to Treated Wood Shavings.

The sequence A alpha-(154-159) of fibrinogen is capable of accelerating the t-PA catalysed activation of plasminogen.

Interaction between dietary vitamin A and single oral doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the TCDD-induced toxicity and on the vitamin A status in the rat.

Effects of chlordane on parameters of liver and muscle toxicity in man and experimental animals.

Dual-column high-performance liquid chromatographic cleanup procedure for the determination of polychlorinated dibenzo-p-dioxins and dibenzofurans in fish tissue.

Microheterogeneity of rat submaxillary gland kallikrein k10, a member of the kallikrein family.

Purification and immunohistochemical detection of an embryogenic cell protein in carrot.

2,3,7,8 Tetrachlorodibenzodioxin in fish from the Pigeon River of eastern Tennessee, USA: its toxicity and mutagenicity as revealed by the Ames Salmonella assay.

Tissue-specific and organ-specific expression of soybean auxin-responsive transcripts GH3 and SAURs.

IgG response is impaired in H2-c-fos transgenic mice.

Characteristics of estrogen-induced peroxidase in mouse uterine luminal fluid.

Biochemical alterations in skeletal muscle induced by 2,4-dichlorophenoxyacetic butyl ester during chick embryonic development.

Ca²⁺ homeostasis alterations induced by 2,4-dichlorophenoxyacetic butyl ester and 2,4-dichlorophenoxyacetic acid on avian skeletal muscle.

[Experimental study of cardiotoxic effect of the pesticide sulfocarbathione].

Acute and sub-acute paraquat poisoning in a pack of foxhounds.

Chronic effect of atrazine on hydromineral balance in the crab.

[Exposure to agricultural chemicals and oncogenic risk].

[An immunological and morphological study of focal staphylococcal infection against a background of long-term exposure to the herbicide linuron].

Soft tissue sarcoma and occupational exposures.

Efficacy of single or repeated hemoperfusion in a canine model of paraquat poisoning.

Sublethal and acute toxicity of the ethylene glycol butyl ether ester formulation of triclopyr to juvenile coho salmon (*Oncorhynchus kisutch*).

Paraquat poisoning. An overview of the current status.

Toxicokinetics of monochloroacetic acid: a whole-body autoradiography study.

[Free radicals in industrial medicine: their mechanisms of toxicity and biological relevance].

[The effect of chronic butyphos poisoning on protein and nucleic acid synthesis in various rat organs and activity of blood cholinesterase].

Chronic toxicity and oncogenicity of picloram in Fischer 344 rats.

Irreversible binding and toxicity of the herbicide dichlobenil (2,6-dichlorobenzonitrile) in the olfactory mucosa of mice.

Release of tissue paraquat into formalin solution during fixation.

The importance of epithelial uptake systems in lung toxicity.

A novel lung slice system with compromised antioxidant defenses.

Acrolein depletes the neuropeptides CGRP and substance P in sensory nerves in rat respiratory tract.

The effects of pesticides on some biochemical parameters of carp (*Cyprinus carpio* L.).

Initial accumulation of paraquat in the heart leading to acute death.

Potential of the cell specific toxicity of paraquat by 1,3-bis(2-chloroethyl)-1-nitrosourea (BCNU). Implications for the heterogeneous distribution of glutathione (GSH) in rat lung.

Association between soft tissue sarcomas, malignant lymphomas, and phenoxy herbicides/chlorophenols: evidence from occupational cohort studies.

Aplastic anaemia associated with organochlorine pesticide: case reports and review of evidence.

Toxicokinetics of paraquat in humans.

Paraquat pharmacokinetics using a subcutaneous toxic low dose in the rat.

Distribution of three common chlorophenoxyacetic acid herbicides into the rat brain.

[Distribution and elimination of C-14-2,4-dichlorophenoxyacetic acid (2,4 D) in rat tissues in acute poisoning].

[Structural changes in the lung in the late stage of fatal paraquat poisoning].

Determination of diquat in biological materials by electron spin resonance spectroscopy.

A meta-analysis of exposure to phenoxy acid herbicides and chlorophenols in relation to risk of soft tissue sarcoma.

[Biochemical changes in the brain tissue of white rats exposed to the herbicide acetochlor under acute and subacute oral experimental conditions].

Behavioral changes in rats fed a diet containing 2,4-dichlorophenoxyacetic butyl ester.

Oxygen radicals in lung pathology.

Regional H₂O₂ concentration in rat brain after hyperoxic convulsions.

Induction of superoxide dismutase in leukocytes by paraquat: correlation with age and possible predictor of longevity.

Acquisition and decay of heat-shock-enhanced postischemic ventricular recovery.

Energetic metabolism and fatigability in experimental myotonia.

Xanthine oxidase-derived H₂O₂ contributes to reperfusion injury of ischemic skeletal muscle.

Glutathione disulfide as index of oxidant stress in rat liver during hypoxia.

The determination of myeloperoxidase activity in liver.

Alterations of arachidonate metabolism in cardiovascular system by cigarette smoking.

Determination of pentachlorophenol in animal tissues: a Canadian perspective.

Human phagocytic cells as oxygen metabolite scavengers.

[The effect of ethanol and the catalase inhibitor 3-amino-1,2,4-triazole on lipid peroxidation in rat liver homogenate and subcellular fractions].

Pharmacokinetics and metabolism of triclopyr 3,5,6-trichloro-2-pyridinyloxyacetic acid) in Fischer 344 rats.

Effects of sulfur-containing metabolites of hexachlorobenzene on the heme metabolic enzymes in rat liver.

Metabolism of the glutathione conjugate of propachlor by in situ perfused kidneys and livers of rats.

[Negativation of tissue paraquat levels under continuous arteriovenous hemodialysis after accidental poisoning].

Assay of the human leukocyte enzymes myeloperoxidase and eosinophil peroxidase.

[Analysis of musk rheumatic oil by GC/FTIR].

Aminotriazole effects on lung and heart H₂O₂ detoxifying enzymes and TBA-RS at two pO₂.

Environmental actions of agrochemicals. 1. Side-effects of the herbicide 3-amino-1,2,4-triazole on a laboratory acarine/host-plant interaction (*Tetranychus urticae*/*Phaseolus vulgaris*) as revealed by electron microscopy.

Enantiomeric effects on excitation-contraction coupling in frog skeletal muscle by a chiral phenoxy carboxylic acid.

A role for a new vascular enzyme in the metabolism of xenobiotic amines.

The effects of pentachlorophenol (PCP) at the toad neuromuscular junction.

Accumulation and metabolism of 2,4,6-trichlorophenyl-4'-aminophenyl ether by carp.

Electron dense artefactual deposits in tissue sections: the role of ethanol, uranyl acetate and phosphate buffer.

Correlation between acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and total body fat content in mammals.

Antigen-induced cross-linking of the IgE receptor leads to an association with the detergent-insoluble membrane skeleton of rat basophilic leukemia (RBL-2H3) cells.

Reactive oxygen metabolites in endotoxin-induced acute renal failure in rats.

A critical review of the developmental toxicity and teratogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: recent advances toward understanding the mechanism.

Human body burden of polychlorinated dibenzofurans associated with toxicity based on the yusho and yucheng incidents.

Human HLA-DR beta gene hypervariable region homology in the biobreeding BB rat: selection of the diabetic-resistant subline as a rheumatoid arthritis research tool to characterize the immunopathologic response to human type II collagen.

Substitution of arginine for glycine at position 847 in the triple-helical domain of the alpha 1 (I) chain of type I collagen produces lethal osteogenesis imperfecta. Molecules that contain one or two abnormal chains differ in stability and secretion.

Regulation of polyamine biosynthesis by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Regulation of integrin mobility and cytoskeletal association in normal and RSV-transformed chick embryo fibroblasts.

Detection and characterization of [³H]2,3,7,8-tetrachlorodibenzo-p-dioxin binding to Ah receptor in a rainbow trout hepatoma cell line.

Potassium accumulation in the globally ischemic mammalian heart. A role for the ATP-sensitive potassium channel.

Enhanced deposition of predominantly type I collagen in myocardial disease.

An inhibition ELISA for the quantification of collagens type I and type II in cyanogen bromide-digested tissues using fragment-directed antibodies.

Specificity of antibodies to type II collagen in rheumatoid arthritis.

Immunoglobulin heavy-chain-associated amyloidosis.

Epitopes of Escherichia coli alpha-hemolysin: identification of monoclonal antibodies that prevent hemolysis.

Organization and disorganization of actin filaments in human epidermal keratinocytes: heat-shock treatment and recovery process.

Oxygen extraction in lamb skeletal muscle.

Diversity of antibodies to type II collagen in patients with rheumatoid arthritis: detection by binding to alpha-chains and to cyanogen bromide peptides.

Another mechanism for the defect in type III collagen accumulation in Ehlers-Danlos syndrome type IV: increased intracellular degradation of the procollagen.

Influence of the Ah locus on the humoral immunotoxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: evidence for Ah-receptor-dependent and Ah-receptor-independent mechanisms of immunosuppression.

Xenobiotic-inducible expression of murine glutathione S-transferase Ya subunit gene is controlled by an electrophile-responsive element.

Ontogeny of mitochondrial calcium transport in spontaneously hypertensive (SHR) and WKY rats.

Detection of point mutations in type I collagen by RNase digestion of RNA/RNA hybrids.

Processing of the lipid-mobilizing peptide beta-lipotropin in rabbit adipose tissue.

Effect of a new herbo-mineral hypolipidemic agent on plasma lipoprotein pattern in rat atherosclerosis.

Alteration of collagen composition and cross-linking in keloid tissues.

Lack of I-compounds in DNA from a spectrum of Morris hepatomas.

Purification and characterization of a Mr approximately 66,000 lung-derived (paracrine) growth factor that preferentially stimulates the in vitro proliferation of lung-metastasizing tumor cells.

Partial characterization of mechanism of insulin accumulation in H35 hepatoma cell nuclei.

Immunogenicity of collagenous implants.

Exposure to dioxins as a risk factor for soft tissue sarcoma: a population-based case-control study.

Radiological "metamorphosis" in a patient with severe congenital osteogenesis imperfecta.

An intron mutation in the human alpha 1(I) collagen gene alters the efficiency of pre-mRNA splicing and is associated with osteogenesis imperfecta type II.

Ethylene dichloride: the influence of disulfiram or ethanol on oncogenicity, metabolism, and DNA covalent binding in rats.

Tissue distribution, metabolism, and excretion of 14C-TCDD in a TCDD-susceptible and a TCDD-resistant rat strain.

Characterization of the Ah receptor mediating aryl hydrocarbon hydroxylase induction in the human liver cell line Hep G2.

Altered collagen metabolism in osteogenesis imperfecta fibroblasts: a study on 33 patients with diverse forms.

Cellular transport and accumulation of thiotepa.

Antibodies to type II collagen in SLE: a role in the pathogenesis of deforming arthritis?

Changes in the composition and metabolism of arterial collagens during the development of pulmonary hypertension in rabbits.

The antioxidative properties of carnosine and other drugs.

Epidemiologic studies of cancer in agricultural workers.

Uptake and release of calcium ions by heavy sarcoplasmic reticulum fraction of normal and malignant hyperthermia-susceptible human skeletal muscle.

Monitoring carcinogen actions on DNA by ³²P-postlabeling.

Collagen species in various sized human arteries and their changes with intimal proliferation.

Differential enzyme induction of mouse liver and lung following a single low or high dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Absorption, distribution, excretion and metabolism of a single oral dose of [¹⁴C]tri-o-cresyl phosphate (TOCP) in the male rat.

Induction of ethoxyresorufin-O-deethylase and inhibition of glucocorticoid receptor binding in skin and liver of haired and hairless HRS/J mice by topically applied 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Lung injury in Fischer but not Sprague-Dawley rats after short-term hyperoxia.

Effects of glutathione depletion on the acute nephrotoxic potential of arsenite and on arsenic metabolism in hamsters.

The association of selected cancers with service in the US military in Vietnam. II. Soft-tissue and other sarcomas. The Selected Cancers Cooperative Study Group.

Influence of SK&F 95587 and BN 50730 on bronchoconstrictor responses in the cat.

Effects of the food mutagens MeIQx and PhIP on the expression of cytochrome P450IA proteins in various tissues of male and female rats.

Cloning of the H,K-ATPase beta subunit. Tissue-specific expression, chromosomal assignment, and relationship to Na,K-ATPase beta subunits.

Amino acid sequence and characterization of a heparin-binding neurite-promoting factor (p18) from bovine brain.

Lys-65 and Glu-168 are the residues for carbodiimide-catalyzed cross-linking between the two heads of rigor smooth muscle heavy meromyosin.

Production of tumour-inhibitory lignans in callus cultures of *Podophyllum hexandrum*.

Rapid induction of acetylcholine receptor aggregates by a neural factor and extracellular Ca²⁺.

Comparison of the effects of fibrinogen and fibrin products and isolated peptide chains on the fibrin-mediated stimulation of plasminogen activation by tissue-type plasminogen activator, and on the fibrin-dependent enhancement of the amidolytic activity of one-chain tissue-type plasminogen activator.

Abscisic Acid Regulation of DC8, A Carrot Embryonic Gene.

Prothymocyte activity is reduced by perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Lightly chlorinated ortho-substituted PCB congeners decrease dopamine in nonhuman primate brain and in tissue culture.

Processing of thyrotropin-releasing hormone (TRH) prohormone in the rat olfactory bulb generates novel TRH-related peptides.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibition of 17 beta-estradiol-induced increases in rat uterine epidermal growth factor receptor binding activity and gene expression.

Sensory neurotoxicology: use of the olfactory system in the assessment of toxicity.

Collagen synthesis and mineralization in the early phase of distraction bone healing.

Lysis of fibrillar collagen by neutrophils in synovial fluid. A role for surface-bound immunoglobulins.

Recent progress in the use of the technique of non-radioactive in situ hybridization histochemistry: new tools for molecular neurobiology.

Energy dependence of cytosolic enzyme efflux from rat skeletal muscle.

Effect of fibrin-like stimulators on the activation of plasminogen by tissue-type plasminogen activator (t-PA)--studies with active site mutagenized plasminogen and plasmin resistant t-PA.

Guanylate cyclase in olfactory cilia from rat and pig.

Synthesis and preliminary evaluation of carbon-11-meta-hydroxyephedrine: a false transmitter agent for heart neuronal imaging.

Energy dependence of sodium-calcium exchange in vascular smooth muscle cells.

Tissue uptake of lithium in guinea-pig isolated intestinal mucosa after chronic lithium ingestion.

Priming the system that causes the release of cytosolic proteins in the perfused rat heart.

The primary structure of rabbit muscle enolase.

Evidence for the absence of cysteine S-conjugate N-acetyltransferase activity in the metabolism of propachlor, naphthalene, and dichlobanil in calves.

How toxic is 2,3,7,8-tetrachlorodibenzodioxin to humans?

Norepinephrine and BRL 37344 stimulate adenylate cyclase by different receptors in rat brown adipose tissue.

Contact site between inner and outer mitochondrial membrane: a dynamic microcompartment for creatine kinase activity.

High frequency embryoid and plantlet formation from tissue cultures of the Finger millet-*Eleusine coracana* (L.) Gaertn.

Regeneration of *Lycium barbarum* L. plants from leaf tissue, callus culture and callus protoplasts.

Factors Influencing the Tissue Culture and the *Agrobacterium tumefaciens*-Mediated Transformation of Hybrid Aspen and Poplar Clones.

Inorganic arsenic methylation by rat tissue slices.

Age-related changes in dermal absorption of 2,3,7, 8-tetrachlorodibenzo-p-dioxin and 2,3,4,7,8-pentachlorodibenzofuran.

The phosphocreatine shuttle of sea urchin sperm: flagellar creatine kinase resulted from a gene triplication.

A highly specific and quantitative method for determining type III/I collagen ratios in tissues.

The role of cytochromes P-450 and flavin-containing monooxygenase in the metabolism of (S)-nicotine by rabbit lung.

Glutathione enhancement in various mouse organs and protection by glutathione isopropyl ester against liver injury.

Sequence analysis, tissue distribution and regulation by cell depolarization, and second messengers of bovine secretogranin II (chromogranin C) mRNA.

Uptake and phytotoxicity of the herbicide metsulfuron methyl in corn root tissue in the presence of the safener 1,8-naphthalic anhydride.

Intracellular accumulation of azithromycin by cultured human fibroblasts.

Interrelation between nucleotide degradation and aldehyde formation in red blood cells. Influence of xanthine oxidase on metabolism: an application of nucleotide and aldehyde analyses by high-performance liquid chromatography.

Multiple isoelectric variants of copper, zinc-superoxide dismutase from rat liver.

Fluorescence immunolocalization of bound atrazine residues in plant tissue.

Collagen biosynthesis in rabbit intraarticular patellar tendon transplants.

Age-related DNA modifications (I-compounds): modulation by physiological and pathological processes.

A physiological pharmacokinetic description of the tissue distribution and enzyme-inducing properties of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat.

Metabolism of alachlor by rat and mouse liver and nasal turbinate tissues.

Concentration of membrane antigens by forward transport and trapping in neuronal growth cones.

Biochemical and functional characterization of human tissue-type plasminogen activator variants obtained by deletion and/or duplication of structural/functional domains.

Selection and characterization of sethoxydim- tolerant maize tissue cultures.

Acetobacter cellulose pellicle as a temporary skin substitute.

Bundling and cross-linking of intermediate filaments of the nervous system.

2,3,7,8-Tetrachlorodibenzo-p-dioxin pretreatment of female mice altered tissue distribution but not hepatic metabolism of a subsequent dose.

L-NG-monomethyl arginine and L-NG-nitro arginine inhibit non-adrenergic, non-cholinergic relaxation of the mouse anococcygeus muscle.

Lipoamidase (lipoyl-X hydrolase) from pig brain.

Oxidant-induced haemoprotein degradation in rat tissue slices: effect of bromotrichloromethane, antioxidants and chelators.

Effect of polymorphonuclear leukocyte-derived oxygen free radicals and hypochlorous acid on cardiac function and some biochemical parameters.

Kinetic studies of plasminogen activation by epithelial tissue plasminogen activator.

Effects of TCDD on vitamin A status and liver microsomal enzyme activities in a TCDD-susceptible and a TCDD-resistant rat strain.

Impairment of prothymocyte activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Cross-linking of smooth muscle caldesmon to the NH₂-terminal region of skeletal F-actin.

Relative distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in human hepatic and adipose tissues.

Use of the acyl azide method for cross-linking collagen-rich tissues such as pericardium.

Molecular cloning of human protein 4.2: a major component of the erythrocyte membrane.

³¹P NMR measurement of mitochondrial uncoupling in isolated rat hearts.

Isolation and amino acid sequence of a novel 6.8-kDa mitochondrial proteolipid from beef heart. Use of FAB-MS for molecular mass determination.

Isolation to homogeneity and partial characterization of a histo-blood group A defined Fuc alpha 1----2Gal alpha 1----3-N-acetylgalactosaminyltransferase from human lung tissue.

Purification to apparent homogeneity and partial amino acid sequence of rat liver O⁶-alkylguanine-DNA-alkyltransferase.

Characterization of zero-length cross-links between rabbit skeletal muscle troponin C and troponin I: evidence for direct interaction between the inhibitory region of troponin I and the NH₂-terminal, regulatory domain of troponin C.

Patterns of expression of the JIM4 arabinogalactan-protein epitope in cell cultures and during somatic embryogenesis in *Daucus carota* L.

Measurements of viability suitable for plant tissue cultures.

Glutathione conjugation and cytochrome P-450 metabolism of methyl chloride in vitro.

Physiologic neutralization mechanisms and the response of the corneal endothelium to hydrogen peroxide.

Ascorbate- and hemoglobin-dependent brain chemiluminescence.

Sodium-azide-evoked noradrenaline release from peripheral nerves of rabbit pulmonary artery.

Dioxin levels in adipose tissues of hospitalized women living in the south of Vietnam in 1984-89 with a brief review of their clinical histories.

Metabolic inhibitors reversibly alter the basal membrane potential of the gecko retinal pigment epithelium.

Agrobacterium in plant disease, biological disease control and plant genetic engineering.

High molecular weight forms of deferoxamine: novel therapeutic agents for treatment of iron-mediated tissue injury.

Oxidative stress induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

The ostrich pituitary contains a major peptide homologous to mammalian chromogranin A(1-76).

Possible roles of free radicals in alcoholic tissue damage.

Persistence of various polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDDs and PCDFs) in hepatic and adipose tissue of marmoset monkeys.

Placental markers of human exposure to polychlorinated dibenzofurans and polychlorinated biphenyls: implications for risk assessment.

On the molecular interactions between fibrin, tissue-type plasminogen activator and plasminogen.

Differences in time course of hepatocyte and pancreatic damage after incubation with trypsin, chymotrypsin and 2,4-dinitrophenol.

Disposition, elimination, and metabolism of tri-o-cresyl phosphate following daily oral administration in Fischer 344 male rats.

Early appearance of tyrosine hydroxylase immunoreactive cells in the mesencephalon of mouse embryos.

Pre-natal (segment II) toxicity study of cinnamic aldehyde in the Sprague-Dawley rat.

Diquat hepatotoxicity in the Fischer-344 rat: the role of covalent binding to tissue proteins and lipids.

Effects of a diphenyl ether herbicide (CNP emulsion) on mouse fetuses.

HPLC measurement of chlorophenoxy herbicides, bromoxynil, and ioxynil, in biological specimens to aid diagnosis of acute poisoning.

DNA strand breaks in mammalian tissues induced by methylarsenics.

Effects of preconceptional and gestational exposure to Tordon 202c on fetal growth and development in CD-1 mice.

Cancer risk in a cohort of licensed pesticide users.

Penetration studies and residue determinations of 2,4-dichlorophenoxyacetic acid butyl ester in fertile hen eggs and chicks hatched from treated eggs.

[Cytogenetic activity of the butylcaptax defoliant transformation product].

Development and application of immunoassay for paraquat: radioimmunoassay.

Production and toxicological application of anti-paraquat antibodies.

The effects of 24% paraquat (1,1'-dimethyl-4,4'-bipyridylium dichloride) on hemodynamics, blood gases, plasma lactate and plasma catecholamines in dogs.

Immunotherapy for the treatment of acute paraquat poisoning.

Effects of paternal subacute exposure to Tordon 202c on fetal growth and development in CD-1 mice.

Teratological evaluation of the phenoxyacid herbicide MCPA in the regenerating forelimb of the adult newt.

[Characteristics of the development of cataract models against a background of poisoning].

The ratio of oxidized/reduced glutathione as an index of oxidative stress in various experimental models of shock syndrome.

Phenoxy herbicides and cancer: insufficient epidemiologic evidence for a causal relationship.

[Lung changes in rats under the action of paraquat and the importance of antioxidants].

Determination of paraquat in raw and formalin-fixed tissues by electron spin resonance (ESR) spectroscopy.

An immunohistochemical study of the fibrosing process in paraquat lung injury.

Phenoxyacetic acid herbicides and chlorophenols and the etiology of lymphoma and soft-tissue neoplasms.

Enhanced in vivo H₂O₂ generation by rat kidney in glycerol-induced renal failure.

An evaluation of purified reconstituted type 1 collagen fibers.

Effects of cholesterol feeding on the distribution, metabolism, and accumulation of pentachlorobenzene in rats.

Effect of diltiazem on 2,4-D-induced myotonia in rats.

Mitochondria and xanthine oxidase both generate reactive oxygen species in isolated perfused rat liver after hypoxic injury.

Evolution of metaplastic squamous cells of alveolar walls in pulmonary fibrosis produced by paraquat. An ultrastructural and immunohistochemical study.

Stereoselective sulfation of R,S-4'-hydroxypropranolol by canine hepatic cytosol and partially purified phenolsulfotransferases.

Possible catabolism of paraquat in mouse brain microsomes.

Growth effects, uptake and metabolism of trifluralin in tissue cultures.

Renal handling of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in rats.

Detection of free radicals as a consequence of dog tracheal epithelial cellular xenobiotic metabolism.

The accumulation of cystamine and its metabolism to taurine in rat lung slices.

Metallothionein-I accumulation in the rat lung following a single paraquat administration.

Disposition of 2,4-dichlorophenoxyacetic acid dimethylamine by Fischer 344 rats dosed orally and dermally.

Metabolism of pentachlorophenol by fish.

Catalase is needed to avoid tissue peroxidation in *Rana perezi* in normoxia.

Influence of hydrogen peroxide on adenine uptake by iris, ciliary epithelium and corneal endothelium.

Spermidine uptake by type II pulmonary epithelial cells in primary culture.

Changes in the cross-linking of collagen from rat tail tendons due to diabetes.

Pattern of humoral reactivity to type II collagen in rheumatoid arthritis.

Teratogenic assessment of 2,4-dichlorophenol in Fischer 344 rats.

Effects of hypoxia, elevated K⁺ and acidosis on the potency of verapamil, diltiazem and nifedipine in the guinea-pig isolated papillary muscle.

Cellular transport and accumulation of thiotepa in murine, human, and avian cells.

Mitochondrial myopathies: morphological and biochemical studies in human muscle cultures.

Purification and characterization of recombinant human parathyroid hormone-related protein.

Prediction and evaluation of the effect of iron treatment in anaemic RA patients.

Species differences in estrogen receptors and in the response to 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Cottonseed meal (gossypol) toxicosis in a swine herd.

Transcriptional start site in the mouse Cyp1a1 (cytochrome P1450) gene.

[Problems in the root canal treatment of premature teeth with open apex].

Estimation of the body burden of arsenic in a child fatally poisoned by arsenite weedkiller.

Hexose transport in human myoblasts.

Human skin and post-burn scar hyaluronan: demonstration of the association with collagen and other proteins.

Regional hemodynamic responses to hypoxia and hypermetabolism in polycythemic dogs.

Type II collagen defects in the chondrodysplasias. I. Spondyloepiphyseal dysplasias.

Mortality in an area contaminated by TCDD following an industrial incident.

The effects of prelatent/latent iron deficiency on physical work capacity.

Ten-year mortality study of the population involved in the Seveso incident in 1976.

Target tissue morphology and serum biochemistry following 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure in a TCDD-susceptible and a TCDD-resistant rat strain.

Retinoic acid and 2,3,7,8-tetrachlorodibenzo-p-dioxin selectively enhance teratogenesis in C57BL/6N mice.

Characterization of MB creatine kinase isoform conversion in vitro and in vivo in dogs.

Structural characterization of kappa II Inc, a new amyloid immunoglobulin.

Developmental toxicity of perfluorodecanoic acid in C57BL/6N mice.

A lethal variant of osteogenesis imperfecta has a single base mutation that substitutes cysteine for glycine 904 of the alpha 1(I) chain of type I procollagen. The asymptomatic mother has an unidentified mutation producing an overmodified and unstable type I procollagen.

Basal lipid peroxidation in substantia nigra is increased in Parkinson's disease.

Update of mortality among chemical workers with potential exposure to the higher chlorinated dioxins.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on lipid synthesis and lipogenic enzymes in the rat.

Effect of growth state, tumor promoters, and transformation upon intercellular communication between C3H/10T1/2 murine fibroblasts.

[The specific effects of new phenoxyacetic acid derivatives at the cellular membrane level].

Levels of polychlorinated dibenzo-p-dioxins and dibenzofurans in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Ehlers-Danlos syndrome type IV (EDS IV) as model of a defective biopolymer composite material.

Learning in monkeys exposed perinatally to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Dioxins and furans in the mother and possible effects on the fetus and newborn breast-fed baby.

Differential effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on adipose tissue lipoprotein lipase activity in the guinea pig, rat, hamster, rabbit, and mink.

The effect of oxidants on biomembranes and cellular metabolism.

Differential [32P]-labeling of chemically induced stress proteins in S-phase mouse lymphoma cells.

Multiple mutations in the variable region of the kappa light chains of three monoclonal human IgM with anti-myelin-associated glycoprotein activity.

The reactivity of sulfhydryl groups of bovine cardiac troponin C.

Achilles tendon replacement by a collagen fiber prosthesis: morphological evaluation of neotendon formation.

[Effects of FeSO₄ on electrical and mechanical activity of guinea pig papillary muscles].

[The induction of the beta state of the comuton regulation of mitochondrial oxidative phosphorylation by 2,4-DNP and malonate].

Effect of dietary lipids and vitamin E on in vitro lipid peroxidation in rat liver and kidney homogenates.

Amino acid sequences of the two major isoforms of troponin C from crayfish.

Marked alterations in retinoid homeostasis of Sprague-Dawley rats induced by a single i.p. dose of 10 micrograms/kg of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The interactions of desferrioxamine and hydroxypyridone compounds with haemoglobin and erythrocytes.

Triphasic inotropic response of guinea-pig papillary muscle to murrayquinone-A isolated from Rutaceae.

Purification of recombinant human tissue factor.

Sulphotransferase-mediated activation of the carcinogen 5-hydroxymethyl-chrysene. Species and sex differences in tissue distribution of the enzyme activity and a possible participation of hydroxysteroid sulphotransferases.

Molecular cloning of cDNA for proteasomes (multicatalytic proteinase complexes) from rat liver: primary structure of the largest component (C2).

Regulation of Embryo Dormancy by Manipulation of Abscisic Acid in Kernels and Associated Cob Tissue of Zea mays L. Cultured in Vitro.

Prolonged aerobic exercise: physiological studies in rat gastrocnemius with additional observations on the effects of acute mitochondrial blockade.

Effects of the new nitrosourea derivative, fotemustine, on the glutathione reductase activity in rat tissues in vivo and in isolated rat hepatocytes.

Immunocytochemical localization of intracellular acidic compartments: rat proximal nephron.

Complete amino-acid sequence of subfragment-2 in adult chicken skeletal muscle myosin.

Radioiodinated phenoxyacetic acid derivatives as potential brain imaging agents. II. Structure-biodistribution relationship.

Relationship between coronary flow and high energy phosphates in the isolated perfused rat heart, with special reference to the effects of anoxia, iodoacetic acid, and 2,4-dinitrophenol.

Methods of microphotometric assay of succinate dehydrogenase and cytochrome c oxidase activities for use on human skeletal muscle.

Lethal hydroxyl radical production in paraquat-treated plants.

Villus contraction aids repair of intestinal epithelium after injury.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters embryonic palatal medial epithelial cell differentiation in vitro.

Differential metabolism of sodium azide in maize callus and germinating embryos.

Intestinal-like alkaline phosphatase expressed in normal human adult kidney.

Immunoidentification of type XII collagen in embryonic tissues.

Effects of metabolic inhibitors and incubation temperature on the saturable uptake of propranolol by isolated rat lung tissue.

Sodium salicylate facilitates calcium-dependent release of transmitter at mouse neuromuscular junctions.

Structure-function relationships in cardiac troponin T.

Presence of multiple species of polypeptides immunologically related to transcription factor TFIIIA in adult *Xenopus* tissues.

Characterization of multiple forms of the Ah receptor: comparison of species and tissues.

Caldesmon150, caldesmon77 and skeletal muscle troponin T share a common antigenic determinant.

[Antigenic activity of the N-terminal peptide of porcine muscle lactate dehydrogenase, obtained upon cyanogen bromide cleavage].

The presence of chlorophenols and their conjugates in Finnish human adipose and liver tissues.

Homology between the cDNAs encoding phosphoprotein p19 and SCG10 reveals a novel mammalian gene family preferentially expressed in developing brain.

Transport of cefodizime, a novel third generation cephalosporin antibiotic, in isolated rat choroid plexus.

Aplysia californica neurons R3-R14: primary structure of the myoactive histidine-rich basic peptide and peptide I.

Stimulation of in vivo hepatic uptake and in vitro hepatic binding of [125I]2-iodo-3,7,8-trichlorodibenzo-p-dioxin by the administration of agonist for the Ah receptor.

[125I]2-iodo-3,7,8-trichlorodibenzo-p-dioxin-binding species in mouse liver induced by agonists for the Ah receptor: characterization and identification.

Effects of 2,4-dinitrophenol and anoxia on the inorganic-pyrophosphate content of the spadix of *Arum maculatum* and the root apices of *Pisum sativum*.

Amino-acid sequence of the short subfragment-2 in adult chicken skeletal muscle myosin.

Release of a volatile factor from solutions of oxazaphosphorines which damage normal and malignant cells.

Effects of DIDS on the chick retinal pigment epithelium. II. Mechanism of the light peak and other responses originating at the basal membrane.

Detection and characterization of a low affinity form of cytosolic Ah receptor in livers of mice nonresponsive to induction of cytochrome P1-450 by 3-methylcholanthrene.

Modification of essential carboxyl group in rabbit muscle phosphorylase by water-soluble carbodiimide.

Functional characterization of monoclonal antibodies directed against fibrin binding domains of tissue-type plasminogen activator.

[The effect of hepatotoxins on the activity of organelle-specific enzymes and metabolism of liver lipids].

Amino acid sequence of horseshoe crab, *Tachypleus tridentatus*, striated muscle troponin C.

[Tissue distribution, inductive effect on liver enzymes and acute toxicity of 2,3,4,7,8-pentachlorodibenzofuran in Golden Syrian hamsters].

Polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans: the risks to human health. A review.

Acetazolamide inhibits acidification by the turtle bladder independent of cell pH.

Environmental occurrence, abundance, and potential toxicity of polychlorinated biphenyl congeners: considerations for a congener-specific analysis.

[Polychlorinated dibenzo-p-dioxins in the subcutaneous adipose tissue of yusho patients].

Iron stimulation of free radical-mediated porphyrinogen oxidation by hepatic and renal mitochondria.

The effect of a low pH saline perfusate upon the integrity of the energy-depleted rat blood-brain barrier.

Uptake of CD-349 and nitrendipine into bovine intrapulmonary artery and vein.

The distribution of [¹⁴C]-2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and its effect on the vitamin A content in parenchymal and stellate cells of rat liver.

Induction of hepatic cytochrome P450 gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Temperature-sensitive steps in the secretory pathway for von Willebrand factor in endothelial cells.

³²P-postlabeling assay for carcinogen-DNA adducts and other dna modifications.

Structural characterization and localization of corticotropin-releasing factor in testis.

The protein components of the 12-nanometer microfibrils of elastic and nonelastic tissues.

Somatic embryogenesis and plant regeneration in diploid *Allium fistulosum* × *A. cepa* F1 hybrid onions.

Adventitious shoot regeneration from leaf tissue of three pear (*Pyrus* sp.) cultivars in vitro.

Effect of 1-Aminocyclopropane-1-carboxylic acid and aminoethoxyvinylglycine on ethylene emanation and somatic embryogenesis from orchardgrass leaf cultures.

Somatic embryogenesis and plant regeneration in inflorescence and seed derived callus cultures of *Poa pratensis* L. (Kentucky bluegrass).

Inhibitors of protein phosphatase-1. Inhibitor-1 of bovine adipose tissue and a dopamine- and cAMP-regulated phosphoprotein of bovine brain are identical.

Influence of 2,3-dimercaptopropane-1-sulfonate and dimercaptosuccinic acid on the mobilization of mercury from tissues of rats pretreated with mercuric chloride, phenylmercury acetate or mercury vapors.

Nucleotide regulatory sites on skeletal myosin.

[Histochemical study on the mucosubstances of the calculi of the main excretory duct of the human submandibular gland].

Non-mitochondrial calcium ion regulation in rat ventricular myocytes.

Profile of sequential determinants in tissue polypeptide antigen BrCN:B fragment.

Somatic embryogenesis and plant regeneration from cell suspension and tissue cultures of mature himalayan poplar (*Populus ciliata*).

Surface tension in the developing mammal: anisotropic tension generation in the dorsal skin of the perinatal rat.

Interconversion of *Drosophila* nuclear lamin isoforms during oogenesis, early embryogenesis, and upon entry of cultured cells into mitosis.

Amino-terminal sequence analysis of rat heart and muscle glycogen synthase: homology to the rabbit enzyme and the implications for hormonal control.

Effect of calmodulin on sarcoplasmic reticular Ca^{2+} -transport in the aging heart.

[An evaluation of the radiation similarity between soft biological tissue and a modified ferrosulfate dosimeter].

Comparative dermal absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin and three polychlorinated dibenzofurans.

Selective induction of heme oxygenase-1 isozyme in rat testis by human chorionic gonadotropin.

Similarities of toluene and o-cresol neuroexcitation in rats.

[Centrosome behavior in the exposure of tissue culture cells to energy metabolism inhibitors].

Evaluation of the pyroantimonate method for detecting intracellular calcium localization in smooth muscle fibers by the X-ray microanalysis of cryosections.

Effects of immunosuppressive chemicals on lymphoid development in foetal thymus organ cultures.

[Features of ultrastructural changes of tumor cells in tissue culture under the effect of energy metabolism inhibitors].

Metabolism of transplacental carcinogens.

Effect of quinidine on the hepatic uptake of digoxin in guinea pigs.

[Effect of amines on insulin-stimulated processes: the transport of sugars and synthesis of glycogen in frog sartorius muscles].

Influence of aging on chemically induced hepatotoxicity: role of age-related changes in metabolism.

Improved procedures for pineal gland fixation for electron microscopy.

[The microsurgical treatment of penetrating wounds of the cornea with the use of collagenous materials].

Human urinary prokallikrein--structural analysis on activation mechanism.

Cationic polyelectrolytes: potent opsonic agents which activate the respiratory burst in leukocytes.

Adhering lung macrophages produce superoxide demonstrated with desferal-Mn(IV).

Sodium-azide-evoked noradrenaline and catecholamine release from peripheral sympathetic nerves and chromaffin cells.

H₂O₂ and cGMP may function as an O₂ sensor in the pulmonary artery.

Effect of cellular function inhibitors on the infection of Frp/3 cells by hepatitis A virus.

Synthesis and regional mouse brain distribution of [¹¹C]nisoxetine, a norepinephrine uptake inhibitor.

Health and reproductive outcomes among American Legionnaires in relation to combat and herbicide exposure in Vietnam.

Reproductive behaviour and consistent patterns of abnormality in offspring of Vietnam veterans.

[The influence of long-term utilization of some herbicides on oral cavity tissues of white rats].

Liposuction for fat biopsy.

Functional teratogens of the rat kidney. I. Colchicine, dinoseb, and methyl salicylate.

Inter-rater agreement in the assessment of occupational exposure to herbicides.

Determination of paraquat from formalin-fixed tissue.

Current perspectives on clinical and experimental single lung transplantation.

Allylamine-induced vascular toxicity in vitro: prevention by semicarbazide-sensitive amine oxidase inhibitors.

Acclimatization of roach, *Rutilus rutilus* (L.), to toxic components of kraft pulp mill effluents.

Acute MCPD intoxication: report of two cases.

Changes in elastic-related fibers in the human paraquat lung.

An enzyme-linked immunosorbent assay for plasma-paraquat levels of poisoned patients.

[Penta-chlorophenol (Xylophene) poisoning].

Lipid peroxidation and tissue injury by ferric citrate in paraquat-intoxicated mice.

2,4-Dichlorophenoxyacetic acid intoxication increases its accumulation within the brain.

Effects of prenatal exposure to 2,4-D/2,4,5-T mixture on postnatal changes in rat brain glutamate, GABA, protein, and nucleic acid levels.

Toxicity and distribution of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in developing chick embryos.

Pulmonary elastic fiber degradation in paraquat toxicity. An electron microscopic immunohistochemical study.

Uptake and accumulation of pentachlorophenol and sodium pentachlorophenate by earthworms from water and soil.

Effects of methylprednisolone on acute lung paraquat toxicity in sheep.

Toxicity of 2-hydrazinoethanol in turkey poults.

Host defence mechanisms in the bladder. II. Disruption of the layer of mucus.

Autoradiography of [¹⁴C]paraquat or [¹⁴C]diquat in frogs and mice: accumulation in neuromelanin.

Intramuscular pH and endurance are abnormal in skeletal muscles from rats with experimental myotonia.

Reactive oxygen species during ischemia-reflow injury in isolated perfused rat liver.

Protective effect of alpha-human atrial natriuretic polypeptide (alpha-hANP) on chemical-induced pulmonary edema.

Pulmonary indoleamine 2,3-dioxygenase activity and its significance in the response of rats, mice, and rabbits to oxidative stress.

Mitochondria as the primary site of acetaldehyde metabolism in beef and pig liver slices.

Validation study of gas chromatographic determination of pentachlorophenol in animal liver.

Toxicokinetics and bioavailability of paraquat in rats following different routes of administration.

The accumulation and localisation of putrescine, spermidine, spermine and paraquat in the rat lung. In vitro and in vivo studies.

Thermospray liquid chromatographic-mass spectrometric method for the analysis of metribuzin and its metabolites.

Dioxins and dibenzofurans in blood and adipose tissue of Agent Orange-exposed Vietnam veterans and matched controls.

Metabolism and excretion of orally and intraperitoneally administered methylarsonic acid in the hamster.

The development of a C1q anti-C1q immunoabsorbent for removal of immune complexes from plasma.

Stimulation of interleukin-1 alpha and interleukin-1 beta release from human monocytes by cyanogen bromide peptides of type II collagen.

Type II achondrogenesis-hypochondrogenesis: identification of abnormal type II collagen.

Organ-specific effects of long term feeding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 1,2,3,7,8-pentachlorodibenzo-p-dioxin on I-compounds in hepatic and renal DNA of female Sprague-Dawley rats.

Toxicology and pathology of methyl bromide in F344 rats and B6C3F1 mice following repeated inhalation exposure.

Substitution of cysteine for glycine within the carboxyl-terminal telopeptide of the alpha 1 chain of type I collagen produces mild osteogenesis imperfecta.

Soft tissue sarcoma risk in Swedish licensed pesticide applicators.

Comparative acute systemic toxicity of sodium arsenite and dichloro(2-chlorovinyl)arsine in rabbits.

Molecular diversity in the abdominal aortic aneurysm phenotype.

Characterization of nicked myotoxin a and its effect on the sarcoplasmic reticulum calcium pump.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on de novo fatty acid and cholesterol synthesis in the rat.

Effect of D,L-alpha-difluoromethyl ornithine on cleft palate induced by the TCDD congener, 3,3',4,4'-tetrachloroazoxybenzene, in the fetuses of mice.

Atypical myoglobinuria: an acute myopathy in grazing horses.

A proposed occupational exposure limit for 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Differential gene expression in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). Noncoordinate regulation of a TCDD-induced aldehyde dehydrogenase and cytochrome P-450c in the rat.

The association between soft tissue sarcomas and exposure to phenoxyacetic acids. A new case-referent study.

Intermediary metabolism of 2,6-dichlorobenzonitrile (dichlobenil) in chickens and growth of chickens fed dichlobenil.

Demonstration and characterization of a transient arthritis in rats following sensitization of synovial mast cells with antigen-specific IgE and parenteral challenge with specific antigen.

Type X collagen alterations in rachitic chick epiphyseal growth cartilage.

Type I procollagen in the severe non-lethal form of osteogenesis imperfecta. Defective pro-alpha 1(I) chains in a patient with abnormal proteoglycan metabolism and mineral deposits in the dermis.

Degrading process of acute ischemic myocardial cells.

Developmental toxicity evaluation of Bendectin in CD rats.

Reduction of adipose tissue lipoprotein lipase activity as a result of in vivo administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin to the guinea pig.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and polycyclic aromatic hydrocarbons suppress retinoid-induced tissue transglutaminase in SCC-4 cultured human squamous carcinoma cells.

Characterization of the Ah receptor and aryl hydrocarbon hydroxylase induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin and benz(a)anthracene in the human A431 squamous cell carcinoma line.

Monochloroacetic acid and 60% salicylic acid as a treatment for simple plantar warts: effectiveness and mode of action.

Toxicity and disposition of 2,3,4,7,8-pentachlorodibenzofuran (4PeCDF) in the rhesus monkey (*Macaca mulatta*).

HIV infection and dioxin exposure: risk factors for Kaposi sarcoma and malignant lymphoma?

Effect of uncouplers of oxidative phosphorylation on transmitter release in dystrophic mice.

Heart as a target organ in 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity: decreased beta-adrenergic responsiveness and evidence of increased intracellular calcium.

Variants of human tissue-type plasminogen activator. Fibrin binding, fibrinolytic, and fibrinogenolytic characterization of genetic variants lacking the fibronectin finger-like and/or the epidermal growth factor domains.

2,4-Dinitrophenol, muscle biopsy, and McArdle's disease.

Acute effects of amiodarone on action potentials of isolated guinea-pig ventricular muscle exposed to simulated ischemic solution and metabolic inhibitors.

[Hypotensive activity of dinitrosyl complexes of iron and proteins in anesthetized animals].

Morphologic lesions and acute toxicity in rainbow trout (*Salmo gairdneri*) treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

In vitro (organ culture) studies of the toxicity of specific A-gliadin peptides in celiac disease.

Synthesis of ¹¹C-methylated inulin as a radiopharmaceutical for imaging brain edema and pulmonary edema.

Abnormal type II collagen in the spondyloepiphyseal dysplasias.

Rabbit serum hypertriglyceridemia after administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Tissue-specific alterations of de novo fatty acid synthesis in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treated rats.

Membrane IgM: interactions with the cortical cytoskeleton in the human lymphoblastoid cell line WiL2.

Partial amino acid sequence analysis and variable subgroup determination (VH and VL) of a monoclonal rheumatoid factor derived from a rheumatoid arthritis patient.

Regulation of glucose uptake in rat slow and fast skeletal muscles.

Potentially hazardous residues of non-ortho chlorine substituted coplanar PCBs in human adipose tissue.

Quantitative evaluation of collagen fractions separated by acrylamide gel electrophoresis: its application for collagen typing in normal and pathological tissues.

Protoplast isolation and callus production from leaves of tissue-cultured *Vitis* spp.

Characterization of type I collagen from the skin of blue grenadier (*Macrurus novaezelandiae*).

Transferrin endocytosis and iron uptake in developing myogenic cells in culture: effects of microtubular and metabolic inhibitors, sulphhydryl reagents and lysosomotropic agents.

Hydroperoxide metabolism of amphibia: tissue catalases of leopard frogs.

Cloning and sequencing of pro-alpha 1 (XI) collagen cDNA demonstrates that type XI belongs to the fibrillar class of collagens and reveals that the expression of the gene is not restricted to cartilagenous tissue.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-induced alterations in lipid peroxidation, enzymes, and divalent cations in rat testis.

Micromethods in single muscle fibers. 1. Determination of catalase and superoxide dismutase.

Rapid and transitory stimulation of 3-O-methylglucose transport by growth hormone.

Central respiratory inhibition by angiotensin II in anesthetized cats.

Vacuolation of muscle fibers near sarcolemmal breaks represents T-tubule dilatation secondary to enhanced sodium pump activity.

Modulation of glycogen synthase kinase activity of skeletal and smooth muscle casein kinase I by spermine.

Improved high-performance liquid chromatographic determination of thiamine and its phosphate esters in animal tissues.

Plant regeneration from somatic embryogenic suspension cultures of cotton (*Gossypium hirsutum* L.).

Energy dependence of enzyme release from hypoxic isolated perfused rat heart tissue.

Kinetic analysis of covalent hybrid plasminogen activators: effect of CNBr-degraded fibrinogen on kinetic parameters of Glu1-plasminogen activation.

Purification and characterization of the Mg^{2+} -ATPase from rabbit skeletal muscle transverse tubule.

Improved somatic embryogenesis in wheat by partial simulation of the in-ovulo oxygen, growth-regulator and desiccation environments.

Distinction between two molecular species of type V collagen from human post-burn granulation tissues.

Effect of 2,4-dinitrophenol on transport of cefmetazole and diclofenac from thigh muscle tissue and from intestinal connective tissue into blood circulation in rats.

Studies on the neuropsychopharmacological profile of fengabine (SL 79229) in mice.

Renal handling of amino acid ^{99m}technetium chelates.

Expression of the 31-kD stress protein in rat myoblasts and hepatocytes.

Specificity of rabbit cytochrome P-450 isozymes involved in the metabolic activation of the food derived mutagen 2-amino-3-methylimidazo[4,5-f] quinoline.

Analysis of the in vivo phosphorylation state of rabbit skeletal muscle glycogen synthase by fast-atom-bombardment mass spectrometry.

NTP Toxicology and Carcinogenesis Studies of Monuron (CAS No. 150-68-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Are lysosomal enzymes involved in rapid damage in vertebrate muscle cells? A study of the separate pathways leading to cellular damage.

Autoradiographic studies of the renal clearance of circulating type I collagen fragments in the rat.

Protective effect of salicylate against 2,4-dinitrophenol-induced protein thiol loss in the small intestine of rats.

Immunological characterization of thioltransferase from pig liver.

Inhibitory effect of salicylate on 2,4-dinitrophenol and diethyl maleate in isolated rat intestinal epithelial cells.

Apical proliferation of embryogenic tissue of soybean [*Glycine max* (L.) Merrill].

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes increases in expression of c-erb-A and levels of protein-tyrosine kinases in selected tissues of responsive mouse strains.

Partial characterization of specific cantharidin binding sites in mouse tissues.

Catalase-positive microperoxisomes in rat soleus and extensor digitorum longus muscle fiber types.

Lymphocyte activation and capping of hormone receptors.

[Inhibition of the activity of membrane-bound Ca²⁺-ATPase in the sarcoplasmic reticulum fragments of rabbit skeletal muscles by the alkaloid sanguinarine].

Characterization of rat heart plasma membrane Ca²⁺/Mg²⁺ ATPase.

Plasminogen activation by tissue plasminogen activator in the presence of stimulating CNBr fragment FCB-2 of fibrinogen is a two-phase reaction. Kinetic analysis of the initial phase of slow plasmin formation.

The influence of fibrin(ogen) fragments on the kinetic parameters of the tissue-type plasminogen-activator-mediated activation of different forms of plasminogen.

Photophysiology and phytochrome content of long-hypocotyl mutant and wild-type cucumber seedlings.

[The potential atherogenic risk of the pesticide acetochlor].

Intracellular processing of growth hormone receptors by adipocytes in primary culture.

Identification of small collagenous proteins with properties of procollagen alpha 1 (I) pN-propeptide in fetal porcine calvarial bone.

Effects of the external ions and metabolic poisoning on the constriction of the squid giant axon after axotomy.

Differential role of reactive oxygen intermediates in photofrin-I- and photofrin-II-mediated photoenhancement of lipid peroxidation in epidermal microsomal membranes.

Internalized insulin-receptor complexes are unidirectionally translocated to chloroquine-sensitive degradative sites. Dependence on metabolic energy.

Amino acid sequence of bovine cardiac troponin I.

Distinction between major chloroquine-inhibitable and adrenergic-responsive pathways of protein degradation and their relation to tissue ATP content in the Langendorff isolated perfused rat heart.

Heat production of quiescent ventricular trabeculae isolated from guinea-pig heart.

Transport of digoxin into brain microvessels and choroid plexuses isolated from guinea pig.

Induction of hepatic DNA single strand breaks in rats by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Elevation of acetylpolyamine levels in mouse tissues, serum and urine after treatment with radical-producing drugs and lipopolysaccharide.

Correlation between serum and adipose tissue levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin in 50 persons from Missouri.

Localization of high benzaldehyde dehydrogenase activity in rat upper gastrointestinal tract mucosa: a quantitative histochemical study.

Binding of tissue-type plasminogen activator to fibrinogen fragments.

[³H]-myo-inositol uptake in rat cortical slices. Identification of Na⁺-dependent and Na⁺-independent systems.

Comparison of Starch and ADP-Glucose Pyrophosphorylase Levels in Nonembryogenic Cells and Developing Embryos from Induced Carrot Cultures.

Protein co-isolated with human tissue factor impairs recovery of activity.

Application of linear integration in the morphometric study of mild and severe pulmonary alveolar injury.

Biochemical characterization of different molecular forms of the neural cell adhesion molecule L1.

Neural regulation of duodenal alkali secretion: effects of electrical field stimulation.

Purification and characterization of two kinds of low molecular weight kininogens from rat (non-inflamed) plasma. One resistant and the second sensitive to rat glandular kallikreins.

Stimulation of Sanguinarine Production by Combined Fungal Elicitation and Hormonal Deprivation in Cell Suspension Cultures of *Papaver bracteatum*.

Comparison of effects of paraquat and methidation on enzyme activity and tissue necrosis of carp, following exposure to the pesticides singly or in combination.

Effect of protein synthesis inhibitors and metabolic blockers on the production of placental proteins by the in vitro perfused human placenta.

The influence of non-enzymatic glycosylation and formation of fluorescent reaction products on the mechanical properties of rat tail tendons.

Comparison of the action of epinephrine and a respiratory chain uncoupler, 2,4-dinitrophenol, on Ca^{2+} -mobilization in isolated hepatocytes and perfused livers.

Immunohistochemical evidence for neural mediation of VIP activity in the dogfish rectal gland.

Accumulation of aluminum by rabbit renal cortex.

Calcium diffusion through perineurium of frog sciatic nerve.

Microfilament modification by dihydrocytochalasin B causes retinoic acid-modulated chondrocytes to reexpress the differentiated collagen phenotype without a change in shape.

Inhibitors of N-nitroso compounds-induced mutagenicity.

Metabolic inhibitors and intermediate filament organization in human fibroblasts.

Ultrastructural localization of osteocalcin in rat tooth germs by immunogold staining.

1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP), its metabolite cyperquat (MPP+) and energy transduction in mitochondria from rat striatum and liver.

Pharmacokinetics and biological activity of 2,3,7,8-tetrachlorodibenzo-p-dioxin. 1. Dose-dependent tissue distribution and induction of hepatic ethoxyresorufin O-deethylase in rats following a single injection.

Antigenic contraction of guinea pig tracheal preparations passively sensitized with monoclonal IgE: pharmacological modulation.

Uptake, distribution, and metabolism of trivalent arsenic in the pregnant mouse.

[Inhibition of mitochondrial respiration by mepivacaine].

Vulnerability of myelin development of the chick to the herbicide 2,4-Dichlorophenoxyacetic butyl ester.

[Effect of ethanol and the catalase inhibitor aminotriazole on the activity of antioxidative enzymes in the rat liver and heart].

The evaluation of trends in soft tissue sarcoma according to diagnostic criteria and consumption of phenoxy herbicides.

Selective pancreatic toxicity of palmitoylpentachlorophenol.

Paraquat-induced cytoskeletal injury in cultured cells.

Acute sensitivity of BHT-induced alveolar toxicity to a diquat challenge in murine lungs.

Soft tissue sarcoma and military service in Vietnam: a case-control study.

Vietnam veterans and soft tissue sarcoma.

Bromacil and diuron herbicides: toxicity, uptake, and elimination in freshwater fish.

Dissociation of hypolipidemic and antiplatelet actions from adverse myotonic effects of clofibrac acid related enantiomers.

Goitre and wasting induced in hamsters by hexachlorobenzene.

Paraquat (gramoxone) poisoning in south-west Hungary, 1977-1984. Toxicological and histopathological aspects of group intoxication cases.

Neuromuscular effects of acute 2,4-dichlorophenoxyacetic acid (2,4-D) exposure in dogs.

Soft tissue sarcoma and non-Hodgkin's lymphoma in relation to phenoxyherbicide and chlorinated phenol exposure in western Washington.

Cohort mortality study of chemical workers with potential exposure to the higher chlorinated dioxins.

Specific polyclonal and monoclonal antibody prevents paraquat accumulation into rat lung slices.

Primary cultures of rat aortic endothelial and smooth muscle cells: I. An in vitro model to study xenobiotic-induced vascular cytotoxicity.

Phenoxy herbicides and soft-tissue sarcomas in female rice weeders. A population-based case-referent study.

Teratogenic potential of purified pentachlorophenol and pentachloroanisole in subchronically exposed Sprague-Dawley rats.

Haemodialysis for paraquat poisoning.

Paraquat poisoning: the rationale for current treatment regimes.

Cytoskeletal perturbation induced by herbicides, 2,4-dichlorophenoxyacetic acid (2,4-D) and 2,4,5-trichlorophenoxyacetic acid (2,4,5-T).

Unilateral paraquat-induced lung fibrosis: evolution of changes in lung fibronectin and collagen after graded degrees of lung injury.

[Toxic environmental factors in sudden infant death (SIDS)].

Background and design of a Danish cohort study of workers in phenoxy herbicide manufacture.

Elimination of paraquat.

Pharmacological treatments of paraquat poisoning.

Mechanism of paraquat toxicity in lung and its relevance to treatment.

Trypanosoma brucei: polyamine oxidase mediated trypanolytic activity in the serum of naturally resistant cattle.

Evidence that the flux control coefficient of the respiratory chain is high during gluconeogenesis from lactate in hepatocytes from starved rats. Implications for the hormonal control of gluconeogenesis and action of hypoglycaemic agents.

Autoradiographic studies on in vivo covalent binding of N-hydroxy-2-acetylaminofluorene in rat liver containing gamma-glutamyltranspeptidase-positive foci. The effect of the sulfation-inhibitor pentachlorophenol.

3-amino-triazole effects on the eye of young and adult rabbits in the presence and absence of hydrogen peroxide.

Putrescine and 5-hydroxytryptamine accumulation in rat lung slices: cellular localization and responses to cell-specific lung injury.

Evidence for involvement of non-biliary excretion into the intestines in the formation of methylsulphonyl-containing metabolites of 2-chloro-N-isopropylacetanilide (propachlor) by swine and rats.

Thyrotropin-releasing hormone (TRH): immunohistochemical distribution in tadpole and frog brain.

Determination of paraquat in tissue using ion-pair chromatography in conjunction with spectrophotometry.

Uptake, efflux and metabolism of the polyamine putrescine in rabbit lung slices.

Evidence that herbicides relaxing smooth and oblique-striated muscles affect the muscle cell membrane.

Effects of paraquat on mitochondria of rat skeletal muscle.

Nucleic acid content and residue determination in tissues of chicks born from 2,4-dichlorophenoxyacetic butyl ester treated eggs.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on thermogenesis in brown adipose tissue of rats.

Dietary iron and broiler performance.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment on mechanical function of the rat heart.

Suppression of estrogen-regulated extracellular tissue plasminogen activator activity of MCF-7 cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

In vivo and in vitro interactions of TCDD and other ligands of the Ah-receptor: effect on embryonic and fetal tissues.

Effect of excess iron in milk replacer on calf performance.

Mortality among flavour and fragrance chemical plant workers in the United States.

Biosynthesis and degradation of collagen in X-irradiated mouse lung.

Teratogenic effects of polychlorinated dibenzofurans in combination in C57BL/6N mice.

The experimental and clinical pathology of diene conjugation.

A point mutation in a type I procollagen gene converts glycine 748 of the alpha 1 chain to cysteine and destabilizes the triple helix in a lethal variant of osteogenesis imperfecta.

ATP requirement for induced tight junction formation in HT 29 adenocarcinoma cells.

An attempt at objectivity of post mortem diagnostic of brain oedema.

Teratogenicity of three polychlorinated dibenzofurans in C57BL/6N mice.

Achondrogenesis type II, abnormalities of extracellular matrix.

Quantitative stereological evaluation of four histochemical markers of altered foci in multistage hepatocarcinogenesis in the rat.

Effects of hypoxia, 2,4-dinitrophenol and ouabain on twitch potentiation elicited following conditioning pulses in the mouse phrenic nerve-diaphragm preparation.

Inactivation of *Bacillus piliformis* spores by heat and certain chemical disinfectants.

Regional O₂ uptake during hypoxia and recovery in hypermetabolic dogs.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on guinea pig heart muscle.

Lethal perinatal osteogenesis imperfecta due to the substitution of arginine for glycine at residue 391 of the alpha 1(I) chain of type I collagen.

A structural mutation of the collagen alpha 1(I)CB7 peptide in lethal perinatal osteogenesis imperfecta.

[Relation between glutamate and adenine nucleotide levels of heart mitochondria during hypoxia].

Immunochemical characterization of fibrinogen, fibrin I, and fibrin II in human thrombi and atherosclerotic lesions.

Catalase in cultured skin fibroblasts from patients with the cerebro-hepato-renal (Zellweger) syndrome: normal maturation in peroxisome-deficient cells.

Stress-induced thermotolerance of the cytoskeleton of mouse neuroblastoma N2A cells and rat Reuber H35 hepatoma cells.

Skeletal muscle glucocorticoid receptor and glutamine synthetase activity in the wasting syndrome in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Clinical reports on plasma exchange in the Kidney Center, Tokai University School of Medicine.

Orientation staining for the demonstration of *Mycobacterium leprae* in semithin sections.

Identification and subcellular distribution of cornified envelope precursor proteins in the transformed human keratinocyte line SV-K14.

Han/Wistar rats are exceptionally resistant to TCDD. I.

Embryotoxicity and fetotoxicity of orally administered tridiphane in mice and rats.

Hepatic encephalopathy. Application of visual evoked responses to test hypotheses of its pathogenesis in rats.

Effect of inhibitors of arachidonic acid metabolism on efflux of intracellular enzymes from skeletal muscle following experimental damage.

Health effects of pesticides: a review of epidemiologic research from the perspective of developing nations.

Collagen species in human aorta: with special reference to basement membrane-associated collagens in the intima and media and their alteration with atherosclerosis.

Differential effects of acute changes in cell Ca^{2+} concentration on myofibrillar and non-myofibrillar protein breakdown in the rat extensor digitorum longus muscle in vitro. Assessment by production of tyrosine and N tau-methylhistidine.

Assessment of the systemic distribution and toxicity of formaldehyde following pulpotomy treatment: Part two.

No evidence for reactive oxygen damage in ischemia-reflow injury.

Effect of a sublethal dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin on interscapular brown adipose tissue of rats.

Pesticides and cancer risks in agriculture.

Electrophoretic isolation and peptide mapping of collagen types from microsamples of tissue.

Carbonic anhydrase III inhibition in normocapnic and hypercapnic contracting mouse soleus.

Dystonia and tremor following exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Phototoxic potential of afloqualone, a quinazolinone derivative, as determined by photosensitized inactivation of bacteriophage.

Medical, life-style, and occupational risk factors for prostate cancer.

Isolation and structural characterization of porcine coupling factor 6 from intestinal tissues.

Determination of chloramphenicol in swine muscle tissue using a monoclonal antibody-mediated clean-up procedure.

Somatic embryogenesis and bud formation from immature embryos of buckwheat (*Fagopyrum esculentum* Moench.).

Reactivation of inhibited bone acid phosphatase and its significance in bone histomorphometry.

Effects of arsenic on cholinergic parameters in brain in vitro.

Alteration of intestinal tight junction structure and permeability by cytoskeletal contraction.

Organic cation secretion in flounder renal tissue.

An increase in cerebral benzodiazepine receptors induced by a subacute administration of ammonia, mercaptans and short-chain fatty acids in rats.

Fragmentation of rabbit skeletal muscle calsequestrin: spectral and ion binding properties of the carboxyl-terminal region.

Role of cyclic AMP- and cyclic GMP-phosphodiesterases in the control of cyclic nucleotide levels and smooth muscle tone in rat isolated aorta. A study with selective inhibitors.

Cross-linking of rabbit skeletal muscle troponin with the photoactive reagent 4-maleimidobenzophenone: identification of residues in troponin I that are close to cysteine-98 of troponin C.

Metabolism and excretion of gallium arsenide and arsenic oxides by hamsters following intratracheal instillation.

Rods in the terminal cisternae of skeletal muscle.

Role of fibronectin on the clearance and tissue uptake of antigen and immune complexes in rats.

The primary structure of chicken muscle acylphosphatase isozyme Ch2.

The primary structure of chicken muscle acylphosphatase isozyme Ch1.

Characterization of GSK-M, a glycogen synthase kinase from rat skeletal muscle.

The interaction of streptokinase-plasminogen activator complex, tissue-type plasminogen activator, urokinase and their acylated derivatives with fibrin and cyanogen bromide digest of fibrinogen. Relationship to fibrinolytic potency in vitro.

The Mr 24,000 phosphoprotein from developing bone is the NH₂-terminal propeptide of the alpha 1 chain of type I collagen.

Physiological assay of liposome-mediated transport of a drug across *Xenopus* intestine: cell-liposome interaction.

Assimilate Unloading from Maize (*Zea mays* L.) Pedicel Tissues : II. Effects of Chemical Agents on Sugar, Amino Acid, and C-Assimilate Unloading.

Rat hepatic mitochondria are more sensitive to allyl alcohol than are those of mice.

Processing of growth hormone by rat adipocytes in primary culture: differentiation between release of intact hormone and degradative processing.

Intestinal absorption of choline in rats.

Inhalation of methyl bromide gas induces mitotic recombination in somatic cells of *Drosophila melanogaster*.

Uptake and accumulation of the herbicides chlorsulfuron and clopyralid in excised pea root tissue.

[Effect of highly dispersed iron powder and iron salt on the endogenous level of iron and zinc in animal organs and tissues].

The production of pregnancy associated alpha glycoprotein (PAG) from human peripheral blood mononuclear cells.

Neutrophil-mediated cytotoxicity triggered by immune complexes: the role of reactive oxygen metabolites.

Methyl bromide alters catecholamine and metabolite concentrations in rat brain.

Calcium and contractions of isolated smooth muscle cells from rat myometrium.

Regulation of fructose 2,6-bisphosphate levels in *Neurospora crassa*.

Histopathology of acute toxic responses in selected tissues from rats exposed by inhalation to methyl bromide.

Transport of benzylpenicillin by the rat choroid plexus in vitro.

Substrates for the cell surface protein kinase in blood: a calf serum protein and its precursor in plasma.

An improved method for the inhibition of endogenous peroxidase non-deleterious to lymphocyte surface markers. Application to immunoperoxidase studies on eosinophil-rich tissue preparations.

Uptake and specific binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the olfactory mucosa of mice and rats.

Type X collagen synthesis during endochondral ossification in fracture repair.

Determination of sodium monofluoroacetate (compound 1080) in tissues and baits as its benzyl ester by reaction-capillary gas chromatography.

Homeothermic fish and hemoglobin: primary structure of the hemoglobin from bluefin tuna (*Thunnus thynnus*, *Scromboidei*).

Comparison of the acute toxicity of endothal and cantharidic acid on mouse liver in vivo.

Oxidative metabolism in guinea pig ventricular myocytes protected from proteolytic enzyme activity.

Quantification of the maximum capacity for active sodium-potassium transport in rat skeletal muscle.

Photoaffinity labeling of rabbit muscle fructose-1,6-bisphosphate aldolase with 8-azido-1,N6-ethenoadenosine 5'-triphosphate.

Amino acid sequence of guinea pig prostate kallikrein.

Transferrin receptors and transferrin iron uptake by cultured human blood monocytes.

Kinetics of [¹¹C]N,N-dimethylphenylethylamine in mice and humans: potential for measurement of brain MAO-B activity.

Isolation and complete amino acid sequence of human thymopoietin and splenin.

The influence of aging on intestinal absorption of TCDD in rats.

Smooth muscle caldesmon is an extended flexible monomeric protein in solution that can readily undergo reversible intra- and intermolecular sulfhydryl cross-linking. A mechanism for caldesmon's F-actin bundling activity.

Dephosphorylation of cardiac myofibril C-protein by protein phosphatase 1 and protein phosphatase 2A.

[Stimulation by quinones of cyanide-resistant respiration in rat liver and heart mitochondria].

Age-related failure of endocytosis may be the pathogenetic mechanism responsible for "cold" follicle formation in the aging mouse thyroid.

Sequence analysis of a cDNA clone encoding the liver cell adhesion molecule, L-CAM.

New modified activated partial thromboplastin time and prothrombin time methods using a synthetic chromogenic substrate in combination with diazotization.

Regeneration of soybean (*Glycine max* L. Merr.) from cultured primary leaf tissue.

Dexamethasone impairs growth and collagen synthesis in condylar cartilage in vitro.

Troponin-T and glyceraldehyde-3-phosphate dehydrogenase share a common antigenic determinant.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced lipid peroxidation in hepatic and extrahepatic tissues of male and female rats.

Spontaneous quantal and subquantal transmitter release at the Torpedo nerve-electroplaque junction.

Bioactivation of MPTP: reactive metabolites and possible biochemical sequelae.

Transcriptional control of human cytochrome P1-450 gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin in human tissue culture cell lines.

Amino acid sequence of the serine active-site region of the medium-chain S-acyl fatty acid synthetase thioester hydrolase from rat mammary gland.

Solubility, retention, and metabolism of intratracheally and orally administered inorganic arsenic compounds in the hamster.

Different mechanisms mediate structural changes and intracellular enzyme efflux following damage to skeletal muscle.

Characterization of Ca²⁺ uptake in plasma membrane vesicles isolated from guinea pig ileum smooth muscle.

The extent of amino-terminal heterogeneity in rabbit fast skeletal muscle troponin T.

Enhanced uptake of carnitine by perfused rat liver following starvation.

Glycogenolytic, noninsulin-like effects of vanadate on rat hepatocyte glycogen synthase and phosphorylase.

Highly toxic coplanar PCBs: occurrence, source, persistency and toxic implications to wildlife and humans.

The toxicological significance of 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds in human adipose tissue.

Distribution of myosin and relationship to actin organization in cortical and subcortical areas of antibody-labelled, quick-frozen, deep-etched fibroblast cytoskeletons.

The supply of metabolic substrate from glia to photoreceptors in the retina of the honeybee drone.

Differential expression of cytochrome P-450 1 and related forms in rabbit liver and kidney.

Immobilization of pig muscle enolase. Studies on the activity of subunits.

Exochelin-mediated iron acquisition by the leprosy bacillus, *Mycobacterium leprae*.

Metabolism and distribution of [¹⁴C]glucose in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Structure of co-crystals of tropomyosin and troponin.

Role of protein kinase C in the regulation of rat liver glycogen synthase.

[Action of a dental anesthetic on cell respiration].

Regulatory sites of cationic nature on skeletal myosin.

Physiological, anatomic and behavioural changes in the respiratory system of *Salmo gairdneri* Rich. On acute and chronic exposure to chlorothalonil.

Mechanism of nitrofen teratogenesis.

Soft tissue sarcomas and military service in Vietnam: a case comparison group analysis of hospital patients.

Tissue levels of atrazine in a case of bovine poisoning.

Mortality of workers exposed to 2 methyl-4 chlorophenoxyacetic acid.

Agricultural herbicide use and risk of lymphoma and soft-tissue sarcoma.

Herbicide exposure and cancer.

Pharmacokinetic profile of paraquat following intravenous administration to the rabbit.

The corrected collagen content in paraquat lungs.

Health effects of phenoxy herbicides. A review.

Storm in a cup of 2,4,5-T.

The impact of inhaled acrolein on hypertension-sensitive and resistant rats.

Neurotoxicologic examination of rats dermally exposed to 2,4-D amine for three weeks.

Further studies of lipid peroxidation in human paraquat poisoning.

Multicenter evaluation of ultrafiltration, dialysis, and thermal coagulation as sample pretreatment methods for the colorimetric determination of paraquat in blood and tissues.

Morphological and biochemical correlates of chemical induced injury in the lung. A discussion.

Current status of plasmapheresis in toxicology.

Changes in lung tissue and lavage fibronectin after paraquat injury in rats.

Pseudomembranous colitis in a patient of paraquat intoxication.

Soft tissue sarcoma risk in Swedish agricultural and forestry workers.

Chronic progredient diffuse alveolar damage probably related to exposure to herbicides.

The toxic effect of diquat on the rat lung after intratracheal administration.

Application of chlorophyll fluorescence in ecophysiology.

[Lung damage caused by paraquat. 1. Histologic, histochemical and pathophysiologic findings in rat lungs following acute paraquat poisoning].

Effects of ascorbic acid in vivo on the fatty acid composition of the tissues of mice treated with Gramoxone.

LDH enzymes as a tool on monitoring tissue necrosis in fishes caused by pesticides.

Elimination of paraquat.

Effects on the fetus of maternal nitrofen exposure in the protein-deprived rat.

[Characteristics of an experimental model of alcoholic cardiomyopathy by diagnostic enzyme tests].

The influence of skeletal muscle reinnervation on experimentally induced myotonia.

The effect of dietary and chemically induced methylation deficiency on the metabolism of arsenate in the rabbit.

Enhanced withdrawal from chickens of hexachlorobenzene (HCB) and pentachlorophenol (PCP) by colestipol, mineral oil, and/or restricted feeding.

[Oxidative processes in the lung tissue in respiratory failure].

Lack of neuropathologic consequences of repeated dermal exposure to 2,4-dichlorophenoxyacetic acid in rats.

Further characterization of the distribution and metabolism of nitrofen in the pregnant rat.

Differential inhibition of rat tissue catalase by cyanamide.

Altered lung function and structure in the rat after subchronic exposure to acrolein.

Combined light and electron microscope immunocytochemical localization of scattered peptidergic neurons in the central nervous system.

Metabolism and disposition of ortho-benzyl-para-chlorophenol in male rats.

Excretion of metabolites of hexachlorobenzene in the rat and in man.

Soft-tissue sarcomas, malignant lymphomas, and 2,3,7,8-TCDD exposure in Seveso.

Collagen defects in lethal perinatal osteogenesis imperfecta.

Successful treatment of aplastic anemia associated with chronic thyroiditis and Sjögren's syndrome.

[Comparative histology of dog teeth overfilled with 3 materials].

Effect of chloroacetic acids on the kidneys.

The effects of Love Canal soil extracts on maternal health and fetal development in rats.

Characterization of a transthyretin (prealbumin) variant associated with familial amyloidotic polyneuropathy type II (Indiana/Swiss).

Altered levels of laminin receptor mRNA in various human carcinoma cells that have different abilities to bind laminin.

Effects of oxygen and glucose deprivation on vasoactivity in isolated bovine middle cerebral arteries.

Mechanism of phagocytosis by Schwann cells.

The molecular defect in an autosomal dominant form of osteogenesis imperfecta. Synthesis of type I procollagen containing cysteine in the triple-helical domain of pro-alpha 1(I) chains.

Clinical variability of osteogenesis imperfecta reflecting molecular heterogeneity: cysteine substitutions in the alpha 1(I) collagen chain producing lethal and mild forms.

Maternal care by rhesus monkeys of infant monkeys exposed to either lead or 2,3,7,8-tetrachlorodibenzo-P-dioxin.

Endogenous ethanol--its metabolic, behavioral and biomedical significance.

Toxicity and evidence for metabolic alterations in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated guinea pigs fed by total parenteral nutrition.

Procarcinogen activation by rat and human mammary extracts.

The effects of nonadecafluoro-n-decanoic acid on serum retinol and hepatic retinyl palmitate hydrolase activity in male Sprague-Dawley rats.

Collagen types in various layers of the human aorta and their changes with the atherosclerotic process.

Trypanosoma cruzi: isolate dependence in the induction of lytic antibodies in the mouse and rabbit.

Phenotypic change from transformed to normal induced by benzoquinonoid ansamycins accompanies inactivation of p60src in rat kidney cells infected with Rous sarcoma virus.

Calmodulin antagonists inhibit dihydropyridine calcium channel activator (BAY-K-8644) induced cGMP synthesis in pituitary tumor cells.

The staining of type V collagen obtained from FBJ virus-induced osteosarcoma with concanavalin A.

Transfer of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) via placenta and milk, and postnatal toxicity in the mouse.

Effect of combined treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and phototherapy on bilirubin metabolism in the jaundiced Gunn rat.

A monoclonal antibody preventing binding of tissue-type plasminogen activator to fibrin: useful to monitor fibrinogen breakdown during t-PA infusion.

Control of cytochrome P1-450 gene expression: analysis of a dioxin-responsive enhancer system.

Modulation of IgM anti-lymphocyte antibody-reactive T cell surface antigens in systemic lupus erythematosus.

Alcohol and acetaldehyde in rat's milk following ethanol administration.

S-antigen-specific rat T cell lines recognize peptide fragments of S-antigen and mediate experimental autoimmune uveoretinitis and pinealitis.

Intermediary metabolism of the mature rat following 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment.

Increased binding of D-penicillamine to monocytes in rheumatoid arthritis.

Anisakis simplex: uncoupling of oxidative phosphorylation in the muscle mitochondria of infected fish.

Histopathology of interscapular brown adipose tissue, thyroid, and pancreas in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treated rats.

[Phases of muscular thermogenesis in experimental hyperthyroidism].

The diagnosis of dioxin-associated illness.

[Guanylate cyclase activity of the rabbit myocardium in normal conditions and in allergic states].

Synergistic interaction of 2,3,7,8-tetrachlorodibenzo-p-dioxin and hydrocortisone in the induction of cleft palate in mice.

Evaluation of the reproductive toxicology of 2,4,6-trichlorophenol in male and female rats.

Quantitative histochemistry of benzaldehyde dehydrogenase in hepatocellular carcinomas of vinyl chloride-treated rats.

Changes in the physical and chemical properties of skin collagen from broiler chickens exhibiting oily bird syndrome.

Subacute inhalation experiment for methyl bromide in rats.

Isolation and purification of cyanogen bromide-derived peptides of type II collagen directly from tissue (Swarm chondrosarcoma).

Increased type-III/type-I collagen ratios in diabetic human conjunctival biopsies.

Analysis of the intermediate and basement membrane collagens in fibrous atherosclerotic lesions of human aorta.

Interstitial collagens in fibrous atherosclerotic lesions of human aorta.

The C57B1/6 nu/nu, lpr/lpr mouse. III. Autoimmunity status.

Conserved structural domains among species and tissues-specific differences in the mitochondrial phosphate-transport protein and the ADP/ATP carrier.

Mannose metabolism in corn and its impact on leaf metabolites, photosynthetic gas exchange, and chlorophyll fluorescence.

Influence of aerobic energy deficit, ouabain and harmaline on the phenylalanine and galactose active transport by snail intestine.

Fine anionic iron colloid and its use in light and electron microscopic detection of cationic sites in the rat kidney.

2,3,7,8-Tetrachlorodibenzo-p-dioxin levels in adipose tissue of exposed and control persons in Missouri. An interim report.

Chemical and biological characterization of low-molecular-weight human skeletal growth factor.

The effects of pyridinium salts, structurally related compounds of 1-methyl-4-phenylpyridinium ion (MPP+), on tyrosine hydroxylation in rat striatal tissue slices.

Hepatic regenerative enzyme activity after pericentral and periportal lobular toxic injury.

The mechanisms by which haemoglobin inhibits the relaxation of rabbit aorta induced by nitrovasodilators, nitric oxide, or bovine retractor penis inhibitory factor.

Phosphorylation of rabbit skeletal muscle glycogen synthase by casein kinase 1: evidence of phosphorylation sites specific for casein kinase 1.

Oxygen Isotope Exchange between Metabolites and Water during Biochemical Reactions Leading to Cellulose Synthesis.

25-Hydroxyvitamin D3-23-hydroxylase, a renal enzyme in several animal species.

Examination of the differential hepatotoxicity of diallyl phthalate in rats and mice.

The dynamic state of heat shock proteins in chicken embryo fibroblasts.

High affinity binding sites for 1-methyl-4-phenyl-pyridinium ion (MPP+) are present in mouse brain.

Metabolism and disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin in guinea pigs.

Characterization of the molecular forms of proenkephalin in bovine adrenal medulla and rat adrenal, brain, and spinal cord with a site-directed antiserum.

Intestinal absorption of tetramethylammonium and its derivatives in rats.

Liquid chromatographic determination of fluridone aquatic herbicide and its metabolite in fish and crayfish.

Metabolism and excretion of orally and intraperitoneally administered gallium arsenide in the hamster.

GABA-related activities of amino phosphonic acids on guinea-pig ileum longitudinal muscle.

Ah receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin: ontogeny in chick embryo liver.

Antigenic structure of adenylate kinase from porcine skeletal muscle. IV. Two antigenic determinants on carboxyl-terminal peptide 126-194.

Identification of a disulfide-bonded 70 Kd type X procollagen in embryonic chick sternum cartilage.

Continuous measurement of net potassium movements in rat brain cortex suspensions. Effects of glutamate, veratridine, creatine and other substances.

Microcalorimetric investigation of metabolism in rat hepatocytes cultured on microplates and in cell suspensions.

Amino acid sequence of rabbit ventricular myosin light chain-2: identity with the slow skeletal muscle isoform.

Characterization of trimethylamine-N-oxide (TMAO) demethylase activity from fish muscle microsomes.

Facilitated glucose transport across the retinal pigment epithelium of the bullfrog (*Rana catesbeiana*).

Ah receptor mediating induction of aryl hydrocarbon hydroxylase: detection in human lung by binding of 2,3,7,8-[³H]tetrachlorodibenzo-p-dioxin.

Heat inactivation of starch synthase in wheat endosperm tissue.

Actin cytoskeleton of spread fibroblasts appears to assemble at the cell edges.

Supplemental quality assurance criteria for high-resolution gas chromatography/high-resolution mass spectrometric determination of 2,3,7,8-tetrachlorodibenzo-p-dioxin in biological tissue.

Hepatocellular uptake of oleate is energy dependent, sodium linked, and inhibited by an antibody to a hepatocyte plasma membrane fatty acid binding protein.

Autoradiographic detection of [¹²⁵I]-secondary antiserum: a sensitive light and electron microscopic labeling method compatible with peroxidase immunocytochemistry for dual localization of neuronal antigens.

The complete amino acid sequence of chicken skeletal-muscle enolase.

Separation of cardiac plasmalemma into cell surface and T-tubular components. Distribution of saxitoxin- and nitrendipine-binding sites.

Characteristic symptoms of photosynthesis inhibition by herbicides are expressed in photomixotrophic tissue cultures of *Nicotiana*.

Tissue-specific expression of the mouse dioxin-inducible P(1)450 and P(3)450 genes: differential transcriptional activation and mRNA stability in liver and extrahepatic tissues.

A simplified method for determination of tritiated thymidine incorporation into cells from tissue in soft agar culture.

2,3,7,8-Tetrachlorodibenzo-p-dioxin metabolism and disposition in yellow perch.

Metabolism and disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rainbow trout.

Insulin stimulation of glucose metabolism in rat adipocytes: possible implication of protein kinase C.

Cellular uptake of 3,5,3'-triiodothyronine and thyroxine by red blood and thymus cells.

Concentration-related changes in blood and tissue parameters of hepatotoxicity and their interdependence in rats exposed to bromobenzene and 1,2-dichlorobenzene.

Effects of 1,1,1-trichloroethane on the cGMP metabolism in mouse brain.

The modification of platelet-induced coronary vasoconstriction by a thromboxane receptor antagonist.

The tissue form of type VII collagen is an antiparallel dimer.

A calmodulin and alpha-subunit binding domain in human erythrocyte spectrin.

Influence of skin source, penetration cell fluid, and partition coefficient on in vitro skin penetration.

Further characterization of [3H]gamma-aminobutyric acid release from isolated neuronal growth cones: role of intracellular Ca²⁺ stores.

Automated apparatus for the extraction and enrichment of 2,3,7,8-tetrachlorodibenzo-p-dioxin in human adipose tissue.

High-resolution gas chromatographic/high-resolution mass spectrometric analysis of human adipose tissue for 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The in situ perfused spinal cord of the rat. Applicability of drugs and chemicals, sodium-lithium exchange, and calcium reduction to functional intact central nervous system tissue.

Insulin antagonizes epinephrine activation of the membrane transport of fatty acids. Potential site for hormonal suppression of lipid mobilization.

Isolation and functional characterization of the heavy and light chains of human tissue-type plasminogen activator.

Type VI collagen is a major component of the human cornea.

Reciprocal Antagonism between the Herbicides, Diclofop-Methyl and 2,4-D, in Corn and Soybean Tissue Culture.

Adenosine triphosphate content of *Mycobacterium leprae* isolated from armadillo tissue by Percoll buoyant density centrifugation.

Ca²⁺ compartments in saponin-skinned cultured vascular smooth muscle cells.

Chemotactic activity of collagen-like polypeptides for human peripheral blood neutrophils.

A modified method of fine-granular cationic iron colloid preparation: its use in light and electron microscopic detection of anionic sites in the rat kidney glomerulus and certain other tissues.

The complete amino acid sequence of the cellular retinoic acid-binding protein from bovine retina.

Fixation, fine structure, and immunostaining for neuropeptides: perfusion versus immersion of the neuroendocrine hypothalamus.

Uncoupling effects of 2,4-dinitrophenol on electron transfer reactions and cell bioenergetics in rat brain in situ.

The protein phosphatases involved in cellular regulation. Primary structure of inhibitor-2 from rabbit skeletal muscle.

DARPP-32, a dopamine- and cyclic AMP-regulated neuronal phosphoprotein. Primary structure and homology with protein phosphatase inhibitor-1.

Clonal propagation of *Leptospermum* spp. by tissue culture.

Regulation of Cytokinin Oxidase Activity in Callus Tissues of *Phaseolus vulgaris* L. cv Great Northern.

The thermoelastic effect in rigor muscle of the frog.

Effect of fasting and acute ethanol administration on the energy state of in vivo liver as measured by ³¹P-NMR spectroscopy.

Comparative calcium binding and conformational studies of turkey and rabbit skeletal troponin C.

Quantitative analysis of type X-collagen biosynthesis by embryonic-chick sternal cartilage.

Tissue culture and plant regeneration from immature embryo explants of Barley, *Hordeum vulgare*.

Structural characterization of adrenal chromogranin A and parathyroid secretory protein-I as homologs.

Studies on the metabolism of the neurotoxic tri-*o*-cresyl phosphate. Distribution, excretion, and metabolism in male cats after a single, dermal application.

Effects of minute doses of ethylenebisdithiocarbamate disodium salt (nabam) and its degradative products on connective tissue envelopes of the notochord in *Xenopus*: an ultrastructural study.

Quantitative gap junction alterations in mammalian heart cells quickly frozen or chemically fixed after electrical uncoupling.

Effect of ATP inhibitors on the translocation of luminal membrane between cytoplasm and cell surface of transitional epithelial cells during the expansion-contraction cycle of the rat urinary bladder.

Halogenated hydrocarbon and hydroperoxide-induced peroxidation in rat tissue slices.

Enzyme release from the perfused rat heart. The functions of the cytoskeleton under cell-pathological conditions.

Intracellular site of "Ca reversal": inhibition of uterine smooth muscle contraction in Ca-free medium by a minute amount of Ca ion released from mitochondria by drugs.

Brown adipose tissue is a target tissue in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induced toxicity.

[Effects of three different metabolic inhibitors (2,4-dinitrophenol, iodoacetic acid, 2,4-fluorodinitrobenzene) on the contractility of the geniohyoid and sartorius muscles].

Phosphorylation of rabbit muscle glycogen synthase by casein/glycogen synthase kinase-1 (CK-1). Stoichiometry and distribution of the phosphorylation sites on the glycogen synthase subunit.

Antigen-specific adherence of antibody-producing hybridoma cells: application to neural and nonneural antigens.

Effects of 2,4-dichlorophenoxyacetic acid (2,4-D) on the contractile properties of reinnervated rat skeletal muscle.

Assessment of pentachlorophenol toxicity in newborn calves: clinicopathology and tissue residues.

Chick brain hypomyelination produced by 2,4-dichlorophenoxyacetic butyl ester treatment.

A follow-up study of cancer incidence among workers in manufacture of phenoxy herbicides in Denmark.

Response of the medullary thick ascending limb to hypothyroidism in the rat.

Effects of the cyclophosphamide metabolite acrolein in mammalian limb bud cultures.

[Pentachlorophenol: current knowledge].

Systematically applied chemicals that damage lung tissue.

[An autopsy case of paraquat poisoning--correlation of paraquat toxicity with tissue concentration].

Sequential bilateral lung transplantation for paraquat poisoning. A case report. The Toronto Lung Transplant group.

Lipid peroxidation in human paraquat poisoning.

Changes in rat lung structure and composition as a result of subchronic exposure to acrolein.

Hemoperfusion-hemodialysis ineffective for paraquat removal in life-threatening poisoning?

Investigation of fatal bipyridyl poisonings.

In vivo redox changes in some organs in response to Gramoxone.

Effects of Gramoxone and cooling on the antioxidant enzymes of frog (*Rana esculenta*).

Overshoot of oxygen pressure in post-hypoxic brain tissue: a re-evaluation.

Arsenic speciation in urine from humans intoxicated by inorganic arsenic compounds.

Patterns of pulmonary structural remodeling after experimental paraquat toxicity. The morphogenesis of intraalveolar fibrosis.

Protective effects of trifluralin on benzo(a)pyrene-induced tumors in A/J mice.

Organization of the cytoskeleton in resting, discoid platelets: preservation of actin filaments by a modified fixation that prevents osmium damage.

[Effect of hydrogen peroxide on the rat uterine muscle].

Cell and tissue fixation, 1972-1982.

2,4-Dichlorophenoxyacetic acid (2,4-D) reduces acetylcholinesterase activity in rat muscle.

Metabolism and excretion of orally administered arsenic trioxide in the hamster.

Methodology for the determination of dinitroaniline herbicides in tissue and excreta.

The effects of pentachlorophenol, phenol and other pollutants on the liver of carp (*Cyprinus carpio* L.).

Membrane and cytoskeletal changes associated with IgE-mediated serotonin release from rat basophilic leukemia cells.

Electrophysiological observations on diaphragm muscle from normal and dystrophic hamsters.

The primary structure of human tissue amyloid P component from a patient with primary idiopathic amyloidosis.

Commentary on 2,3,7,8-tetrachlorodibenzo-para-dioxin (TCDD).

Is 2,3,7,8-TCDD (dioxin) a carcinogen for humans?

Antibody-induced redistribution of Heymann antigen on the surface of cultured glomerular visceral epithelial cells: possible role in the pathogenesis of Heymann glomerulonephritis.

Mitochondrial cytochemistry in experimental myopathies.

Cartilage collagen analysis in the chondrodystrophies.

Circulatory responses to 2,4-dinitrophenol in dog limb during normoxia and hypoxia.

Myosin heavy chain in avian muscular dystrophy corresponds to the neonatal isozyme.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and 2,3,7,8-tetrachlorodibenzofuran (TCDF) in pregnant C57BL/6N mice: distribution to the embryo and excretion.

Hypophagia-induced weight loss in mice, rats, and guinea pigs treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Intestinal absorption studies with glycyl-proline, glycine and ethanol in rats infected with *Eimeria nieschulzi*.

Experimentally induced defects of mitochondrial metabolism in rat skeletal muscle. Biological effects of the mitochondrial uncoupling agent 2,4-dinitrophenol.

Structure of myosin heavy chain in avian muscular dystrophy.

Ascorbic acid-Fe²⁺ treatment mimics effect of vitamin E deficiency on sarcoplasmic Ca-ATPase of rabbit muscle.

Collagen types in fibrosarcoma: absence of type III collagen in reticulin.

[Metabolism of 1,2-dichloroethane in the human body in acute poisonings].

Identification and characterization of amyloid protein AA in spontaneous canine amyloidosis.

Acetaldehyde and alcohol levels in pregnant rats and their fetuses.

Gas chromatographic profiling of phenolic acids in urine of patients with cirrhosis of the liver.

Synthesis of an altered type III procollagen in a patient with type IV Ehlers-Danlos syndrome. A structural change in the alpha 1(III) chain which makes the protein more susceptible to proteinases.

Altered triple helical structure of type I procollagen in lethal perinatal osteogenesis imperfecta.

Inducing potency of aryl hydrocarbon hydroxylase activity in human lymphoblastoid cells and mice by polychlorinated dibenzofuran congeners.

Characterization of the tissue form of type V collagen from chick bone.

Commentary on 2,3,7,8-tetrachlorodibenzo-para-dioxin (TCDD). Scientific Review Committee of the American Academy of Clinical Toxicology.

Mitochondrial myopathy with diffuse activation and focal deficiency of mitochondrial ATPase and carnitine deficiency.

[Silver impregnation of bone tissue].

Somatic embryogenesis and plantlet regeneration in the soybean *Glycine max*.

Binding, internalization, and degradation of atrial natriuretic peptide in cultured vascular smooth muscle cells of rat.

Contribution of electrogenic sodium-potassium ATPase to resting membrane potential of cultured rat skeletal myotubes.

Cytokinin contents and specific characteristics of tissue strains from three sexual genotypes of *Mercurialis annua* : Evidence for sex-gene involvement at callus-tissue level.

Hormonal Regulation of the Lectin Biosynthesis in Callus Culture of the *Phaseolus vulgaris* Plant.

Glycoproteins on the surface of smooth muscle cells involved in their interaction with type V collagen.

Methods for the quantitative determination of multiple, specific polychlorinated dibenzo-p-dioxin and dibenzofuran isomers in human adipose tissue in the parts-per-trillion range. An interlaboratory study.

Neurotoxicity and metabolism of methyl bromide in rats.

Developmental and tissue-specific differential regulation of the mouse dioxin-inducible P1-450 and P3-450 genes.

Amino acid sequence of an active fragment of rabbit skeletal muscle myosin light chain kinase.

NTP Toxicology and Carcinogenesis Studies of 1,2-Dichlorobenzene (o-Dichlorobenzene) (CAS No. 95-50-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Influence of high dietary iron as ferrous carbonate and ferrous sulfate on iron metabolism in young calves.

Effect of vapor concentration on the disposition of inhaled 2,3-dichloropropene in Fischer-344 rats.

Acute myelotoxic responses in mice exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Calcium secretion in canine tracheal mucosa.

Multiple forms of endothelial cell growth factor. Rapid isolation and biological and chemical characterization.

CL glycoprotein is the tissue form of type VI collagen.

Effect of dinitrophenol and anoxia on isometric tension in rabbit colon smooth muscle.

Collagen types in neocartilage tissue resulting from rib perichondrial graft in an articular defect--a rapid semi-quantitative methodology.

Influence of extracellular phosphate concentrations on the regulation of hepatic glucose output.

¹¹C-labeled 4-isopropylantipyrine: preparation and biological evaluation as a blood flow tracer in positron emission tomography (PET).

The uncoupling protein from brown fat mitochondria is related to the mitochondrial ADP/ATP carrier. Analysis of sequence homologies and of folding of the protein in the membrane.

Multisite phosphorylation of glycogen synthase from rabbit skeletal muscle. Identification of the sites phosphorylated by casein kinase-I.

The production of callus capable of plant regeneration from immature embryos of numerous Zea mays genotypes.

Structural characterization of the calcium binding protein s100 from adipose tissue.

Effect of furosemide on ion transport in the turtle bladder: evidence for direct inhibition of active acid-base transport.

Effects of guanethidine on electron transport and proton movements in rat heart, brain and liver mitochondria.

Microsomal calcium-accumulating ability of bovine coronary artery and aorta.

Immunocytochemical detection of acetylcholine in the rat central nervous system.

Properties and biochemical characterization of NADH 5 alpha-reductase from rat liver microsomes.

Cytochrome P-450 monooxygenase system. Localization in smooth muscle of rabbit aorta.

Metabolism of 2-acetylaminofluorene in isolated rabbit pulmonary cells. Evidence for the heterogeneous distribution of monooxygenase activity in lung tissue.

Amino acid sequence of chicken gizzard beta-tropomyosin. Comparison of the chicken gizzard, rabbit skeletal, and equine platelet tropomyosins.

General method for the separation of cyanogen bromide digests of proteins by high-performance liquid chromatography. Rabbit skeletal troponin I.

Species specificity in the acceleration of tissue-type plasminogen activator-mediated activation of plasminogens, by fibrinogen cyanogen bromide fragments.

Inhibition of purified rat liver glutathione S-transferase isozymes by diuretic drugs.

Release of carnitine from the perfused rat liver.

Anti-acetylcholine antibodies and first immunocytochemical application in insect brain.

Sublethal effects of simulated pulp mill effluents on the respiration and energy metabolism of rainbow trout (*Salmo gairdneri*).

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the uptake, distribution and excretion of a single oral dose of [11,12-³H]retinyl acetate and on the vitamin A status in the rat.

Fasciola hepatica: motility response to metabolic inhibitors in vitro.

Calcium mobilization in enzymically isolated single intact and skinned muscle cells of the porcine coronary artery.

Comparative effects of sodium azide and aminophylline on the rat isolated uterus during muscle activation.

The primary structure of bovine cellular retinoic acid-binding protein.

Plant regeneration from tissue cultures initiated from immature inflorescences of a grass, *Echinochloa colonum* (L.) Link.

Renal transport of gossypol in the rabbit.

Cyanide and sulfide interact with nitrogenous compounds to influence the relaxation of various smooth muscles.

Disposition of [14C]methyl bromide in rats after inhalation.

Effects of dinitrophenol on phosphorylase a activity, adenine nucleotide levels and tension in rabbit colon smooth muscle.

Regulation of aromatic oxidation of estradiol-17 beta in maternal hepatic, fetal hepatic and placental tissues: comparative effects of a series of inducing agents.

Standardization of house dust mite extracts. Liberation of allergenic and antigenic components in relation to extraction conditions.

Respiration and energy conservation in the filarial worm *Litomosoides carinii*.

A comparison of physiological changes in carp, *Cyprinus carpio*, induced by several pollutants at sublethal concentrations. I. The dependency on exposure time.

Nonspecific cytotoxic cells in fish (*Ictalurus punctatus*). V. Metabolic requirements of lysis.

Lipid peroxidation modifies the effect of phenolic anti-inflammatory drugs on prostaglandin biosynthesis.

Toxicity of 3,4,5,3',4',5'-hexabrominated biphenyl and 3,4,3',4'-tetrabrominated biphenyl.

Evidence for a role of the amino-terminal region in the biological activity of the classical anaphylatoxin, porcine C5a des-Arg-74.

Production of a Lectin in Tissue Cultures of *Dolichos biflorus*.

Coupling of cytoskeleton functions for fibroblast locomotion.

Distribution of cysteine conjugate beta-lyase in gastrointestinal bacteria and in the environment.

The interaction of rabbit skeletal muscle troponin-T fragments with troponin-I.

Vasodilator properties of a family of bioactive atrial peptides in isolated perfused rat kidneys.

Atriopeptin-immunoreactive neurons in the brain: presence in cardiovascular regulatory areas.

The amino acid sequence of pancreatic spasmolytic polypeptide.

Heme-copper relationship of cytochrome oxidase in rat brain in situ.

Effects of oxygen radicals on cerebral arterioles.

A hydroxylapatite microassay for receptor binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3-methylcholanthrene in various target tissues.

Mechanism of action of toxic halogenated aromatics.

Effect of various agents and conditions on palmitate oxidation by homogenates of rat liver and rat and human skeletal muscle.

Sex-influenced CPIB-induction of peroxisomes in rat liver and kidney tissues.

Determination of acute toxic effects in mice following exposure to methyl bromide.

GABA-modulin: a synaptosomal basic protein that differs from small myelin basic protein of rat brain.

Metabolic fate and cardiovascular effects of arsenic in rats and rabbits chronically exposed to trivalent and pentavalent arsenic.

Mechanism of crosslinking of proteins by glutaraldehyde III. Reaction with collagen in tissues.

On the brain endocoid for benzodiazepine recognition sites.

Calcium accumulating ability of mitochondria from bovine coronary artery. Comparison with aortic mitochondria.

A metabolite of riboflavin binds to the 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) receptor.

Effects of metabolic inhibitors on evoked activity and the energy state of hippocampal slices superfused in vitro.

Rat skeletal muscle glycogen synthase: phosphorylation of the purified enzyme by cAMP-dependent and -independent protein kinases.

Cyclophosphamide teratogenesis: a review.

Characterization of Ca²⁺ transport and enzyme activity in microsomes isolated from guinea-pig stomach smooth muscle.

Axoplasmic transport of substances in motoneuronal axons of the spinal cord in old age.

Determination and measurement of human exposure to the dibenzo-p-dioxins.

The epidemiology and toxicology of TCDD.

Soft tissue sarcoma and exposure to phenoxyherbicides and chlorophenols in New Zealand.

Sarcomas of soft tissues after Vietnam service.

Ascorbic acid nutritional status does not affect the biochemical response to paraquat.

Toxicologic studies in a fatal overdose of 2,4-D, mecoprop, and dicamba.

Paraquat poisoning.

Experimental paraquat poisoning--histological, electron microscopic and autoradiographic changes in the lung.

Effect of dimethylthiourea on paraquat toxicity in rats.

Distribution and toxicity of monosodium methanearsonate following oral administration of the herbicide to dairy sheep and goats.

Tissue slices in the study of lung metabolism and toxicology.

Selected responses of hypertension-sensitive and resistant rats to inhaled acrolein.

Collagen stimulating factors from lung in experimental paraquat poisoning demonstrated in vitro and in vivo.

Structural hepatic changes associated with cyanamide treatment: cholangiolar proliferation, fibrosis and cirrhosis.

Persistence of some polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans of pentachlorophenol in human adipose tissue.

[Polychlorinated dibenzofurans (PCDF): environmental and toxicological aspects].

Uptake, distribution and elimination of monosodium methanearsonate following long term oral administration of the herbicide to sheep and goats.

Lipid metabolism in rabbits exposed to paraquat aerosol.

Release of amino-terminal procollagen peptides in paraquat-induced acute pulmonary fibrosis.

[Changes in the lung tissue of newborn rats after paraquat as a model of respiratory distress].

Properties of the lysosomes from liver and gill of rainbow trout, *Salmo gairdnerii* R.: effect of starvation, salinity and 2,4,5-T.

On the role of peroxisomes in the metabolism of lipids--evidence from studies on mammalian tissues in vivo.

Extracorporeal removal of specific antibodies by hemoperfusion through the immunosorbent agarose-polyacrolein microsphere beads: removal of anti-bovine serum albumin in animals.

Detection and occurrence of pentachlorophenol residues in chicken liver and fat.

Identification and extraction of proteins that compose the triad junction of skeletal muscle.

Organ and cellular distribution of inhaled metallic mercury in the rat and Marmoset monkey (*Callithrix jacchus*): influence of ethyl alcohol pretreatment.

Autoradiographic and biochemical studies of drug distribution in the liver. III. [¹⁴C]Aminotriazole.

Glutaraldehyde fixatives for preserving the chick's inner ear.

The membrane capacity of mammalian skeletal muscle fibres.

Tissue distribution and retention of ⁷⁴As-dimethylarsinic acid in mice and rats.

Disposition of some sulphur-containing hexachlorobenzene (HCB) metabolites: affinity of methylsulphonylpentachlorobenzene for the gray matter of brain, the lungs and the adrenal zona reticularis.

On the role of catalase in the oxidation of tissue fatty acids.

A quantitative study of peroxidase activity in unfixed tissue sections of the guinea-pig thyroid gland.

Determination of the herbicides paraquat and diquat in blood and urine by gas chromatography.

Biochemical characteristics of rat superoxide dismutase and the effect caused by paraquat injection on the enzyme activity in various tissues.

Chlorinated compounds in tissues of chickens raised on pentachlorophenol-contaminated litter.

Paraquat effect on the bioelectric parameters of the rabbit small intestine and its in vitro penetration.

Effects of a herbicide on the peroxide metabolism enzymes and lipid peroxidation in carp fish (*Hypophthalmichthys molitrix*).

Hexadecane increases the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): is brown adipose tissue the primary target in TCDD-induced wasting syndrome?

Delayed neurotoxicity produced by an organophosphorus compound (Sumithion). A case report.

Body weight regulation in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

A heterozygous defect for structurally altered pro-alpha 2 chain of type I procollagen in a mild variant of osteogenesis imperfecta. The altered structure decreases the thermal stability of procollagen and makes it resistant to procollagen N-proteinase.

3'-Monoiodothyronine degradation in rat liver homogenate: enzyme characteristics and documentation of deiodination by high-pressure liquid chromatography.

An evaluation of reports of dioxin exposure and soft tissue sarcoma pathology among chemical workers in the United States.

Experimental skeletal muscle damage: the nature of the calcium-activated degenerative processes.

The effectiveness of chemical carcinogens to induce atherosclerosis in the white Carneau pigeon.

Cysteine in the triple-helical domain of one allelic product of the alpha 1(I) gene of type I collagen produces a lethal form of osteogenesis imperfecta.

Entry of adenovirus 2 into HeLa cells.

Quantitation of types I and III collagens in human tissue samples and cell culture by cyanogen bromide peptide analysis.

The pharmacological profile of the thromboxane A2 antagonist BM 13.177. A new anti-platelet and anti-thrombotic drug.

Increased plasma and aortic triglycerides in rabbits after acute administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

TCDD (2,3,7,8-tetrachlorodibenzo-p-dioxin) reduces lipoprotein lipase activity in the adipose tissue of the guinea pig.

Tissue plasminogen activator: peptide analyses confirm an indirectly derived amino acid sequence, identify the active site serine residue, establish glycosylation sites, and localize variant differences.

Amyloid fibril protein in familial amyloidotic polyneuropathy, Portuguese type. Definition of molecular abnormality in transthyretin (prealbumin).

Autoradiographic and biochemical studies of drug distribution in the liver. I. [¹⁴C]Dehydrocorydaline.

Pathogenic mechanisms in osteochondrodysplasias.

Digestible energy and efficiency of feed utilization in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Relation between glutathione and cytoplasmic protein sulfhydryl groups in the rat: a rapid procedure for analytical determination].

Soft tissue sarcomas in agriculture and forestry workers.

Modulation of azaserine-induced pancreatic foci by phenolic antioxidants in rats.

Analysis of collagen from normal and abnormal human bone.

Sodium glycolate absorption in rat intestine.

Connective tissue antigens stimulate collagenase production in arthritic diseases.

Evidence for a role of hydroxyl radical in immune-complex-induced vasculitis.

Teratogenicity of TCDD and the congener 3,3',4,4'-tetrachloroazoxybenzene in sensitive and nonsensitive mouse strains after reciprocal blastocyst transfer.

[Inhibitory analysis of the functions of the oxidative metabolic systems of tumor cells in tissue culture].

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces hyperplasia in confluent cultures of human keratinocytes.

Ruminal metabolism of plant toxins with emphasis on indolic compounds.

DMSA, DMPS, and DMPA--as arsenic antidotes.

Induction and decay of amino acid transport in the liver. Turnover of transport activity in isolated hepatocytes after stimulation by diabetes or glucagon.

Leads from the MMWR. Porphyria cutanea tarda and sarcoma in a worker exposed to 2,3,7,8-tetrachlorodibenzodioxin-Missouri.

Teratological studies on the TCDD congener 3,3',4,4'-tetrachloroazoxybenzene in sensitive and nonsensitive mouse strains: evidence for direct effect on embryonic tissues.

Identification of an anti-monocyte monoclonal antibody that is specific for membrane complement receptor type one (CR1).

Neutrophil-mediated cellular cytotoxicity induced by zymosan-activated serum.

Interactions of thrombospondin with extracellular matrix proteins: selective binding to type V collagen.

Importance of the route of administration for genetic differences in benzo[a]pyrene-induced in utero toxicity and teratogenicity.

Experimental study on embryogenesis of congenital diaphragmatic hernia.

A comparison of organochlorine residues in human adipose tissue autopsy samples from two Ontario municipalities.

[Effect of camphorated paramonochlorophenol and its aqueous concentrations in polyvinyl sponges implanted in the connective tissue of rats (biological and histological study)].

Iron pharmacokinetics after administration of ferric-hydroxide-polymaltose complex in rats.

Teratogenicity of 2,3,7,8-tetrachlorodibenzofuran in the mouse.

Neurobehavioral assessment of chronic low-level methyl bromide exposure in the rabbit.

Improved red cell survival in patients with chronic subclinical haemolysis due to artificial heart valve.
Observations after in vitro treatment of the cells with potassium cyanate.

Abnormal type I collagen metabolism by cultured fibroblasts in lethal perinatal osteogenesis imperfecta.

Health implications of 2,3,7,8-tetrachlorodibenzodioxin (TCDD) contamination of residential soil.

The importance of minor collagenous chains in the articular cartilage.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced cleft palate in the mouse: evidence for alterations in palatal shelf fusion.

Family studies of the genetic abnormality in transthyretin (prealbumin) in Portuguese patients with familial amyloidotic polyneuropathy.

Polychlorinated biphenyls (PCBs) and polybrominated biphenyls (PBBs): biochemistry, toxicology, and mechanism of action.

Triiodothyronine production by isolated rat hepatocytes: characterization and lack of glucoregulatory hormone effects.

Cathepsins J and K: high molecular weight cysteine proteinases from human tissues.

Influence of cyanogen-bromide-digested fibrinogen on the kinetics of plasminogen activation by urokinase.

Pea Xyloglucan and Cellulose : III. Metabolism during Lateral Expansion of Pea Epicotyl Cells.

Lead flux through the kidney and salivary glands of rats.

Hybrid character of a large neurofilament protein (NF-M): intermediate filament type sequence followed by a long and acidic carboxy-terminal extension.

A brain octadecaneuropeptide generated by tryptic digestion of DBI (diazepam binding inhibitor) functions as a proconflict ligand of benzodiazepine recognition sites.

A Mg²⁺-independent high-affinity Ca²⁺-stimulated adenosine triphosphatase in the plasma membrane of rat stomach smooth muscle. Subcellular distribution and inhibition by Mg²⁺.

Cell-specific domains of glial- and muscle-type intermediate filament proteins. Immunoaffinity chromatography and immunoblotting study of GFA protein and desmin.

Oxalate accumulation in rat renal cortical slices.

Characteristics of skeletal muscle ecto-ATPase in situ.

Altered levels of a 5 S gene-specific transcription factor (TFIIIA) during oogenesis and embryonic development of *Xenopus laevis*.

Multiple phosphorylation of rat-liver glycogen synthase by protein kinases.

Glycogen synthase in rat adipocytes and skeletal muscle is phosphorylated on both serine and threonine.

N-(2,3-dimercaptopropyl)phthalamidic acid: protection, in vivo and in vitro, against arsenic intoxication.

An in vitro approach to studying cutaneous metabolism and disposition of topically applied xenobiotics.

Crosslinking of troponin complex with 1,3-difluoro-4,6-dinitrobenzene. Identification of the crosslink formed between troponin C and troponin I in the absence of Ca²⁺.

The amino acid sequence of GTP:AMP phosphotransferase from beef-heart mitochondria. Extensive homology with cytosolic adenylate kinase.

Respiration during Postharvest Development of Soursop Fruit, *Annona muricata* L.

Gas chromatographic determination of clopidol in chicken tissues.

Development of markers for cholinergic neurones in re-aggregate cultures of foetal rat whole brain in serum-containing and serum-free media: effects of triiodothyronine (T₃).

Uptake and metabolism of thyroid hormones by the rat foetus in early pregnancy.

Use of bacteria and yeasts to identify T lymphocytes in peripheral blood and lymphoid tissues of healthy guinea pigs and guinea pigs fed aflatoxin.

Role of calcium ions in insulin action on hexose transport in L6 muscle cells.

A tumor promoter induces rapid and coordinated reorganization of actin and vinculin in cultured cells.

Selective retrograde axonal transport of free glycine in identified neurons of *Aplysia*.

Membrane protein carboxyl methylation does not appear to be involved in the response of erythrocytes to cytoskeletal stress.

Heterogeneity of contractile proteins. Purification and characterization of two species of troponin T from rabbit fast skeletal muscle.

Processing of procollagen types III and I in cultured bovine smooth muscle cells.

A new procedure to analyze free fatty acids. Application to 20-mg brain tissue samples.

Metabolism of β -aminoisobutyric acid in mungbean hypocotyls in relation to metabolism of 1-aminocyclopropane-1-carboxylic acid.

Respiratory tract lesions induced by sensory irritants at the RD50 concentration.

Amino acid sequence of the beta chain of sarcoplasmic calcium binding protein (SCP) obtained from shrimp tail muscle.

Generation of an unusual depolarizing response in rabbit primary afferent neurones in the absence of divalent cations.

Isolation, purification and partial sequence of a neuropeptide (diazepam-binding inhibitor) precursor of an anxiogenic putative ligand for benzodiazepine recognition site.

Activation of glycogen synthase by insulin in rat adipocytes. Evidence of hormonal stimulation of multisite dephosphorylation by glucose transport-dependent and -independent pathways.

Somatic embryogenesis in *Echinochloa crusgalli*.

2,4-Dinitrophenol (DNP)-induced injury in calcium-free hearts.

The effect of methyltransferase inhibition on the metabolism of [⁷⁴As]arsenite in mice and rabbits.

Relationships between the flux of lipid metabolism in vivo and the uncoupling of respiratory control.

Effects of cyclic AMP on fluid absorption and ion transport across frog retinal pigment epithelium.

Measurements in the open-circuit state.

Studies on adenosine triphosphate transphosphorylases. Amino acid sequence of rabbit muscle ATP-AMP transphosphorylase.

Receptor and non receptor-mediated activation of blood platelets. Effect on membrane-cytoskeleton interaction.

Microquantitation of insoluble tissue collagen (types I and III) by radiodilution assay.

Determination of thiamine and thiamine phosphates in excitable tissues as thiochrome derivatives by reversed-phase high-performance liquid chromatography on octadecyl silica.

The alpha-subunit of mouse 7 S nerve growth factor is an inactive serine protease.

Ion transport by rabbit descending colon: mechanisms of transepithelial potassium transport.

Cooling-induced contraction in ileal longitudinal smooth muscle of guinea-pig.

Accumulation of thyrotropin releasing hormone by rat hypothalamic slices.

An improved fixation technique for ultrastructural preservation of embryonic lenses.

Colorimetric assay for monoamine oxidase in tissues using peroxidase and 2,2'-azinodi(3-ethylbenzthiazoline-6-sulfonic acid) as chromogen.

Increased epidermal transglutaminase activity following 2,3,7,8-tetrachlorodibenzo-p-dioxin: in vivo and in vitro studies with mouse skin.

Gastrointestinal absorption and metabolism of capsaicin and dihydrocapsaicin in rats.

Effects of ATP depletion and protein synthesis inhibition on muscle plasma membrane orthogonal arrays.

Cellular distribution of thyroid myosin.

Kinetics of the activation of plasminogen by natural and recombinant tissue-type plasminogen activator.

Inactivation of pig muscle 3-phosphoglycerate kinase by thiol modification depends on reagent size.

Elevated binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3-methylcholanthrene to the Ah receptor in hepatic cytosols from phenobarbital-treated rats and mice.

Different susceptibility of mouse tissues to porphyrogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Depression of contractility in isolated rabbit myocardium following exposure to iron: role of free radicals.

2,3,7,8-Tetrachlorodibenzo-p-dioxin levels in adipose tissue of Vietnam veterans.

Ontogeny of the cytosolic receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver, lung, and thymus.

Correlation between the redox state of NAD(P)H and total flow in the perfused rat liver.

Mitochondrial oxidative phosphorylation: tissue oxygen sensor for regulation of coronary flow.

A goniometrical study of mitochondrial cristae in rat heart muscle and ependyma of the choroid plexus after application 2,4-DNP in vivo.

Differential induction of two 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible forms of cytochrome P-450 in extrahepatic versus hepatic tissues.

Influence of anoxia and dinitrophenol on Ca²⁺ efflux and phosphorylase a activity in rabbit colon smooth muscle.

Chlorinated compounds and phenols in tissue, fat, and blood from rats fed industrial waste site soil extract: methods and analysis.

Human skeletal-muscle aldolase: N-terminal sequence analysis of CNBr- and o-iodosobenzoic acid-cleavage fragments.

Excretion and distribution of two occupational toxicants, tetrachloroazobenzene and tetrachloroazoxybenzene in the rat.

Effects of cell swelling on fluid flow across alveolar epithelium.

Immunosuppression by D-penicillamine in vitro. Inhibition of human T lymphocyte proliferation by copper- or ceruloplasmin-dependent generation of hydrogen peroxide and protection by monocytes.

Enhancement of Newcastle disease virus-induced fusion of mouse L cells by sodium vanadate.

Bioconcentration and metabolism of picric acid (2,4,6-trinitrophenol) and picramic acid (2-amino-4,6-dinitrophenol) in rainbow trout *Salmo gairdneri*.

The relation between effects of 2,4-dinitrophenol and adrenalin on muscle contraction induction and phosphorylase activation.

Novel purification of carbonic anhydrase III from human, rat and baboon muscle.

Role of kidney and liver in degradation of circulating submaxillary renin in mice.

The stability of solubilized mammalian muscle acetylcholine receptors during purification by monoclonal immunoabsorption.

The isolation and some properties of dairy cow liver mitochondria.

The in vitro metabolism by homogenates of goldfish (*Carassius auratus*) liver of pentachloro-2-(chloromethyl sulphonamido) diphenyl ether, the major component and active ingredient of the mothproofing agent Eulan WA New.

[Properties allowing the attribution to gamma-hydroxybutyrate the quality of neurotransmitter in the central nervous system].

Release of a common source of intracellular Ca²⁺ by alpha-adrenergic agonists and dinitrophenol in rat liver slices.

Active pyrimidine absorption by chicken colon.

Pharmacologic modulation in vitro of human histamine-induced suppressor cell activity.

Fatality due to paraquat intoxication: confirmation by postmortem tissue analysis.

Effect of phenolic compounds on in vivo activity of transaminases in certain tissues of the fish, *Notopterus notopterus*.

Hypolipidemia and peroxisome proliferation induced by phenoxyacetic acid herbicides in rats.

Maternal exposure to environmental chemicals and the aetiology of teratogenesis.

Hemoperfusion in a child who ingested diquat and died from pontine infarction and hemorrhage.

Effects of phenolic compounds on 5-nucleotidase activity in some tissues of *Notopterus notopterus* (Pallas): a biochemical study.

Neurobehavioral assessment of 2,4-dichlorophenoxyacetic acid (2,4-D) in rats.

[Electromyographic characteristics of acute poisonings with chlorine derivatives of phenoxy acids].

[Acute paraquat poisoning: prognostic and therapeutic significance of blood assay].

Toxicologic studies in a fatal overdose of 2,4-D, MCPP, and chlorpyrifos.

[Comparative studies on the embryotoxicity of 2-methyl-4-chlorophenoxyacetic acid, mecoprop and dichlorprop in NMRI mice].

[Toxic and teratogenic effects of the ammonium salt of fosamine on the development of quail and chick embryos].

Changes induced by Gramoxon in tissue phospholipids and phospholipid fatty acids in mouse and guinea-pig.

The role of respiratory protection on increased survival of *Treponema pallidum* (Nichols) when cocultivated with mammalian cells in vitro.

Kidney structure in hypothyroidism.

Correlation between brain tissue and cerebrospinal fluid concentrations of selected compounds in rats with intact and injured blood-brain barrier.

[Effect of small amounts of 2,4-dichlorophenoxyacetic acid derivatives on thiamine and riboflavin metabolism in the animal body].

[Modification of 2,4-dichlorophenoxyacetate-induced myotonia of cold blood muscles by variations in external Ca^{++} and K^+ concentrations].

Plasma glutathione and glutathione disulfide in the rat: regulation and response to oxidative stress.

Intracellular interaction and metabolic fate of arsenite and arsenate in mice and rabbits.

Gas-liquid chromatographic determination of salsolinol in the striatum of rat brain during the calcium carbimide--ethanol interaction.

Gas-liquid chromatographic determination of S,S,S-tributyl phosphorotrithioate (DEF) in water and fish tissue.

Effects of monocrotaline and monocrotaline pyrrole on 5-hydroxytryptamine and paraquat uptake by lung slices.

Whole body and liver distribution of inhaled mercury vapor in the mouse: influence of ethanol and aminotriazole pretreatment.

Relationship between catalase activity and uptake of elemental mercury by rat brain.

Paraquat concentration and renal function in mice fed purified and cereal-based diets.

[Effect of Faustan (diazepam) on the normal and myotonically reacting frog skeletal muscle].

A new era of exploitation of microbial metabolites.

Dose-dependent pharmacokinetics: emphasis on phase I metabolism.

The molecular defect in a nonlethal variant of osteogenesis imperfecta. Synthesis of pro-alpha 2(I) chains which are not incorporated into trimers of type I procollagen.

Lymphocyte transformation to connective tissue antigens in adult and juvenile rheumatoid arthritis, osteoarthritis, ankylosing spondylitis, systemic lupus erythematosus, and a nonarthritic control population.

The acute toxicity of perfluorooctanoic and perfluorodecanoic acids in male rats and effects on tissue fatty acids.

Induction of 7-ethoxycoumarin o-deethylase activity in cultured human epithelial cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): evidence for TCDD receptor.

Effect of ATP level and its metabolic turnover in liver on the proteosynthesis postmortem.

Residues of polychlorinated phenols and anisoles in broilers raised on contaminated woodshaving litter.

The covalent structure of amyloid-related serum protein SAA from two patients with inflammatory disease.

Effects of cystic fibrosis serum and fibroblast culture medium on ion distribution in rat submandibular gland.

Synthesis of a shortened pro-alpha 2(I) chain and decreased synthesis of pro-alpha 2(I) chains in a proband with osteogenesis imperfecta.

Dioxin exposure and sarcoma.

Hypothyroxinemia and hypothermia in rats in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin administration.

The control of muscle contracture by the action of dantrolene on the sarcolemma.

Embryotoxic effects of 2,3,7,8 tetrachlorodibenzo-p-dioxin administered to female rats before mating.

Analysis of cyanogen bromide peptides of type I collagen from a patient with lethal osteogenesis imperfecta.

Effects of parathyroid hormone on skeletal muscle protein and amino acid metabolism in the rat.

Differential proteolysis and evidence for a residue exchange in tissue plasminogen activator suggest possible association between two types of protein microheterogeneity.

Type I collagen content is increased in lungs of patients with adult respiratory distress syndrome.

Activation of phosphorylase by anoxia and dinitrophenol in rabbit colon smooth muscle: relation to release of calcium from mitochondria.

Influence of anoxia and dinitrophenol on the phosphorylase a activity and the cyclic nucleotide content of smooth muscle.

Quantitation of type I to type III collagen ratios in small samples of human tendon, blood vessels, and atherosclerotic plaque.

Encephalopathic effect of phenol in rats.

The release of surfactant in rat lung by brief periods of hyperventilation.

Abnormal alpha 2-chain in type I collagen from a patient with a form of osteogenesis imperfecta.

ATP-dependence of ¹²⁵I-insulin binding by rat soleus muscle.

A high affinity, calmodulin-responsive (Ca²⁺ + Mg²⁺)-ATPase in isolated bone cells.

A comparative cytogenetic study on cases of induced abortions in TCDD-exposed and nonexposed women.

Localization of intrarenal cross-linked fibrin in children with various renal diseases.

Oxygen radicals and vascular damage.

Presence of an abnormal transthyretin (prealbumin) in Portuguese patients with familial amyloidotic polyneuropathy.

Characterization and localization of collagens synthesized by cultured muscle cells stimulated with collagen-inducing factor from embryonic brain extracts.

In vitro ¹⁴C-leucine incorporation into nonsynaptic and synaptic rat brain mitochondria isolated by Ficoll gradients.

High-performance liquid chromatographic analysis on radial compression column of the neurotoxic tri-*o*-cresyl phosphate and metabolites.

The toxic effect of some industrial chemicals on rabbit ileum in vitro compared with eye irritancy in vivo.

Preparation and biological reactivity of polyiodinated human growth hormone.

The primary structure of turkey muscle acylphosphatase.

The metabolism of the anti-inflammatory drug eterylate in rat, dog and man.

Effects of Thidiazuron on Cytokinin Autonomy and the Metabolism of N-(Delta-Isopentenyl)[8-C]Adenosine in Callus Tissues of *Phaseolus lunatus* L.

Ascorbate-induced lipid peroxidation and inhibition of [³H]spiroperidol binding in neostriatal membrane preparations.

Inhibition of insulin-stimulated xylose uptake in rat soleus muscle by cycloheximide.

The effects of lipolytic hormones on calcium uptake in endoplasmic reticulum of adipocytes.

Regulation of cyclic GMP levels in nerve tissue.

Interaction of the opiate antagonist, naltrexone methyl bromide, with the acetylcholine receptor system of the motor end-plate.

Identification of a site in fibrin(ogen) which is involved in the acceleration of plasminogen activation by tissue-type plasminogen activator.

ATP depletion promotes deactivation of insulin-stimulated sugar transport in rat soleus muscle.

Differences in effects of fibrin(ogen) fragments on the activation of 1-glu-plasminogen and 442-val-plasminogen by tissue-type plasminogen activator.

Chlorobenzene-impaired lindane metabolism and the effect of pretreatment with chlorobenzene, lindane, or chlorobenzene plus lindane.

Stimulatory and inhibitory effects of hydrogen peroxide, diamide and vitamin K-5 on sugar transport in rat soleus muscle.

Hormonal control of glycogen synthase in rat hemidiaphragms. Effects of insulin and epinephrine on the distribution of phosphate between two cyanogen bromide fragments.

Ca²⁺, calmodulin-dependent phosphorylation of glycogen synthase by a brain protein kinase.

Clonal Multiplication of *Pinellia ternata* by Tissue Culture.

A technique for the isolation of submucosal gland cells from cat trachea.

Heterogeneity in the collagens extracted from human embryonic calvaria.

Transport of methotrexate in cortical slices of monkey kidney: effect of organic anions and vincristine.

The restorative action of coenzyme Q10 in 2,4-dinitrophenol-depressed electrical and contractile activities of guinea-pig heart.

Artifacts in the definition of toxicity by cyanides and cyanogens.

Distribution, excretion, and metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57BL/6J, DBA/2J, and B6D2F1/J mice.

Analysis and kinetics of 2,4-dinitrophenol in tissues by capillary gas chromatography--mass spectrometry.

The complete amino acid sequence of rabbit muscle phosphoglucomutase.

Plant regeneration in vitro from leaf tissues derived from cultured immature embryos of *Zea mays* L.

Capping of cholera toxin-ganglioside GM1 complexes on mouse lymphocytes is accompanied by co-capping of alpha-actinin.

Antigenic structure of adenylate kinase from porcine skeletal muscle--II. Immunochemical cross-reactivity of fragments from adenylate kinase.

Oxygen and redox-active drugs: shared toxicity sites.

Phosphorylation of K-casein by glycogen synthase kinase-3 from rabbit skeletal muscle.

Metabolic factors regulating the generation of prostaglandins E1 and E2 by isolated rat uterus.

Lack of correlation between cyclic GMP elevation and relaxation of nonvascular smooth muscle by nitroglycerin, nitroprusside, hydroxylamine and sodium azide.

Calcium transport and phosphorylated intermediate of $(Ca^{2+} + Mg^{2+})$ -ATPase in plasma membranes of rat liver.

Effects of phencyclidine on cardiac action potential: pH dependence and structure-activity relationships.

Long-duration, high-frequency plant regeneration from cereal tissue cultures.

Regulation of Cell Shape in *Euglena gracilis*: I. Involvement of the Biological Clock, Respiration, Photosynthesis, and Cytoskeleton.

Further biochemical characterization of the polypeptide h3 recently isolated from human brain material, and its identification in human liver.

Generation of IgG aggregates by the myeloperoxidase-hydrogen peroxide system.

Localization of a trifluoperazine binding site on troponin C.

Lipid peroxidation as a possible cause of TCDD toxicity.

Liver morphology in guinea pigs administered either pyrolysis products of a polychlorinated biphenyl transformer fluid or 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The nucleotide sequence of rat liver fatty acid binding protein mRNA.

Higher Chlorinated Dioxins Implicated in the Mortality of Young Pigs Kept on a Pentachlorophenol-treated Wooden Floor.

Metabolism of palmitate by anoxic and reoxygenated heart cell cultures.

Arsenic distribution and neurochemical effects in peroral sodium arsenite exposure of rats.

Location of thyrotropin-releasing hormone-like immunoreactivity in rat pancreas.

Distribution of immunoreactive human growth hormone-like material and thyrotropin-releasing hormone in the rat central nervous system: evidence for their coexistence in the same neurons.

Axonal transport of thiamine in frog sciatic nerves in vitro.

Plasminogen activation by tissue activator is accelerated in the presence of fibrin(ogen) cyanogen bromide fragment FCB-2.

Amitrole Absorption by Bean (*Phaseolus vulgaris* L. cv ;Red Kidney') Roots : Mechanism of Absorption.

Changes of extracellular potassium activity induced by electric current through brain tissue in the rat.

Age-related changes in the composition of proteins in the trabecular meshwork of the human eye.

Failure of atractyloside to inhibit synaptosomal mitochondrial energy transduction.

Attachment and extracellular matrix differences between tendon and synovial fibroblastic cells.

[Polarographic study of cell respiration in a tissue culture].

Analytical subcellular fractionation of normal human skeletal muscle by sucrose density gradient centrifugation.

Effect of several uncouplers of cell-to-cell communication on gap junction morphology in mammalian heart.

Simultaneous azo-coupling method for an estrogen sulfatase in human tissues.

Phagocytosis of mast cell granules by cultured fibroblasts.

Distribution and metabolism of the teratogen nitrofen (2,4-dichloro-4'-nitro diphenyl ether) in pregnant rats.

A new metabolically trapped agent by brain monoamine oxidase: N-methyl labeled (14C) N-methylphenylethylamine (14C-MPEA).

Cell water content in carp kidney tissue slices as influenced by various osmotic agents.

Effect of lidocaine on hepatic prostanoid production in vitro following 2,4-dinitrophenol administration.

Unequivocal demonstration that malondialdehyde is a mutagen.

A kinetic study of the oxidation by molecular oxygen of the cytochrome chain of intact yeast cells, *Acetobacter suboxydans* cells, and of particulate suspensions of heart muscle.

Enzymatic toxicogenation of "activated" cyclophosphamide by 3'-5' exonucleases.

Different effects of types A and B botulinum toxin on transmitter release at the rat neuromuscular junction.

The effect of DDT and related insecticides on the mitochondrial ATPase of houseflies.

[Experimental chronic paraquat poisoning. Functional and histopathological pulmonary changes].

Successful treatment of paraquat poisoning: activated charcoal per os and "continuous hemoperfusion".

[Enzyme activity of the blood and tissues of individual organs in long-term exposure to dieldrin].

Combined paraquat and acetaminophen toxicity.

Phenoxy herbicides, trichlorophenols, and soft-tissue sarcomas.

Do phenoxy herbicides cause cancer in man?

Thoracic soft-tissue sarcoma in Vietnam veterans exposed to Agent Orange.

Mortality of 2,4-dichlorophenoxyacetic acid and 2,4,5-trichlorophenoxyacetic acid herbicide applicators in Finland: first report of an ongoing prospective cohort study.

Effects of sodium pentachlorophenate on enzymes of energy metabolism in tissues of *Notopterus notopterus*.

Increase in the penetration of tracer compounds into the rat brain during 2-methyl-4-chlorophenoxyacetic acid (MCPA) intoxication.

Effects of anionic xenobiotics on rat kidney. I--Tissue and mitochondrial respiration.

Neurotoxicological investigation of the new Hungarian pesticide Toxurazine.

Study of the effects of paraquat on the peroxide metabolism enzymes in guinea-pig.

Thin layer chromatography as a routine appropriate techniques for the determination of bipyridylium herbicides in post mortem human tissues.

Mast cell hyperplasia during goitrogen-induced thyroid growth - a quantitative study.

[Etiological aspects on fibrosis--tissue damage and repair of pulmonary tissue (author's transl)].

Metabolic interactions of aldehyde dehydrogenase with therapeutic and toxic agents.

Dose-effect relationship between ethyl alcohol pretreatment and retention and tissue distribution of mercury vapor in rats.

Acrolein/glutaraldehyde as a fixative for combined light and electron microscopic immunocytochemical detection of pituitary hormones in immersion-fixed tissue.

The effect of paraquat on the incorporation of radiolabelled proline into acid-extractable lung proteins and collagens.

Biotransformation of the cardiovascular toxin, allylamine, by rat and human cardiovascular tissue.

Serological approaches for the characterization of catalase in tissue-derived mycobacteria.

The accumulation of diamines and polyamines into rat lung slices.

A simple method for the estimation of paraquat in tissue.

Advances in pesticide metabolite identification through the use of plant tissue cultures.

Identification of a constituent of the junctional feet linking terminal cisternae to transverse tubules in skeletal muscle.

Steam distillation and gas-liquid chromatographic determination of triallate and diallate in milk and plant tissue.

Allylamine cardiotoxicity--IV. Metabolism to acrolein by cardiovascular tissues.

Polyamines modify paraquat-induced changes in pulmonary superoxide dismutase and lipid peroxidation.

Active oxygen metabolites and their action in the hepatocyte. Studies on chemiluminescence responses and alkane production.

Effect of chloride withdrawal on the geometry of the T-tubules in amphibian and mammalian muscle.

"Embryonic" collagen (type I trimer) alpha 1-chains are genetically distinct from type I collagens alpha 1-chains.

In vitro penetration and absorption of chemicals into the ovine hoof.

[Structural differences of C-terminal fragment of the alpha-subunits of rabbit muscle aldolase in normal animals and in experimental atherosclerosis].

A stable propidium iodide staining procedure for flow cytometry.

Morphogenesis of the mitochondrial alterations in muscle diseases.

Analysis of the type of collagen present in osteoarthritic human cartilage.

TCDD embryotoxicity in the mouse may be enhanced by beta-naphthoflavone, another ligand of the Ah-receptor.

Synthesis of some potential antihypertensive phthalaziny- and quinoxalinyguanidines.

Soft-tissue sarcoma, malignant lymphoma, and exposure to phenoxyacids or chlorophenols.

Nonhelical, fibronectin-binding basement-membrane collagen from endodermal cell culture.

Human skin collagenase in recessive dystrophic epidermolysis bullosa. Purification of a mutant enzyme from fibroblast cultures.

Severe peripheral neuropathy after exposure to monosodium methyl arsonate.

Structural and enzymatic comparison of human cardiac muscle myosins isolated from infants, adults, and patients with hypertrophic cardiomyopathy.

Iron and rheumatoid disease.

Collagen polymorphism in the normal and diseased blood vessel wall. Investigation of collagens types I, III and V.

Immunity to homologous type III collagen after partial meniscectomy and sham surgery in rabbits.

Mechanism of tissue Ca^{2+} gain during reoxygenation after hypoxia in rabbit myocardium.

Monoclonal antibody to transferrin receptor blocks transferrin binding and inhibits human tumor cell growth in vitro.

Data on dioxin.

Serum ferritin in haemodialysis.

Ascorbic acid and iron levels in plasma and liver of vitamin C deficient guinea pigs after iron overload and desferrioxamine administration.

Cancer risks associated with agriculture: epidemiologic evidence.

Studies in neuronal ceroid lipofuscinosis: enzymes of liver and brain tissues involved in the defense against oxidative damage.

Persistent tissue levels of TCDD in the mouse and their reduction as related to prevention of toxicity.

Epidemiological study of nasal and nasopharyngeal cancer and their relation to phenoxy acid or chlorophenol exposure.

Free radicals and activated oxygen.

Acnegenic activity of 3-methylcholanthrene and benzo[a]pyrene, and a comparative study with 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rabbit and hairless mouse.

2,3,7,8-tetrachlorodibenzo-p-dioxin and related halogenated aromatic hydrocarbons: examination of the mechanism of toxicity.

Structural properties of Type I collagen isolated from chickens with scoliosis.

Met- and leu-enkephalin immuno- and bio-reactivity in human stomach and pancreas.

A simple, sensitive spectrophotometric assay for extrinsic (tissue-type) plasminogen activator applicable to measurements in plasma.

Persistence of TCDD in monkey adipose tissue.

Free magnesium in sheep, ferret and frog striated muscle at rest measured with ion-selective micro-electrodes.

Inhibition of insulin-stimulated xylose uptake in denervated rat soleus muscle: a post-receptor effect.

Amino acid transport and protein synthesis in energetically-stable calcium-tolerant isolated cardiac myocytes.

Low molecular weight pineal and cerebral fractions affecting insulin secretion in vitro.

Renal transport of 2'-deoxytubercidin in mice.

Does the sarcoplasmic reticulum achieve chemiosmotic equilibrium in relaxed muscle?

Similar activities of nerve growth factor and its homologue proinsulin in intracellular hydrogen peroxide production and metabolism in adipocytes. Transmembrane signalling relative to insulin-mimicking cellular effects.

Photochemical cross-linking between rabbit skeletal troponin subunits. Troponin I-troponin T interactions.

Clonal propagation of Callistemon by tissue culture techniques.

Evidence for compartmentalization of conjugates of 2,4-dichlorophenoxyacetic Acid in soybean callus tissue.

Primary structure of parvalbumin from rat skeletal muscle.

Comparative evaluation of contraction and relaxation of isolated heart muscle with decreased calcium concentration in the perfusate, acidosis, and metabolic blockade.

In vitro cellular respiration at elevated temperatures in developing rat cerebral cortex.

2-¹⁴C-1-Allyl-3,5-diethyl-6-chlorouracil I: Synthesis, absorption in human skin, excretion, distribution, and metabolism in rats and rabbits.

Complete primary structure of protein phosphatase inhibitor-1 from rabbit skeletal muscle.

Physicochemical characteristics of homogeneous bovine lung angiotensin I-converting enzyme. Comparison with human serum enzyme.

Structural and immunological characterization of type IV collagen isolated from chicken tissues.

Multiple effects of sulphhydryl reagents on sugar transport by rat soleus muscle.

The examination and quantitation of tissue cytosolic receptors for 2,3,7,8-tetrachlorodibenzo-p-dioxin using hydroxylapatite.

Effect of BASF 13-338, a Substituted Pyridazinone, on Lipid Metabolism in Leaf Tissue of Spinach, Pea, Linseed, and Wheat.

Metabolism of 2,4-dichlorophenoxyacetic Acid in 2,4-dichlorophenoxyacetic Acid-resistant soybean callus tissue.

Effect of Na⁺ and ATP on peritubular Ca transport by the marine teleost renal tubule.

Maturation of potassium-stimulated respiration in rat cerebral cortical slices.

[Reaction of rat subcutaneous connective tissue to camphorated parachlorophenol and aqueous 2% parachlorophenol].

Immunohistochemical localization of thyrotropin-releasing hormone in the rat hypothalamus and pituitary.

Rabbit muscle phosphorylase derivatives with oligosaccharides covalently bound to the glycogen storage site.

Somatic embryogenesis in *Zea mays* L.

Cultivation of *Bacteroides fragilis* in tissue culture.

Multiple forms of phenolsulphotransferase in human tissues: selective inhibition by dichloronitrophenol.

Distribution and metabolism of 2,4-dichlorophenol in rats.

Multisite phosphorylation of glycogen synthase from rabbit skeletal muscle. Organisation of the seven sites in the polypeptide chain.

Foot-and-mouth disease virus: immunogenicity and structure of fragments derived from capsid protein VP and of virus containing cleaved VP.

Antigenic structure of adenylate kinase from porcine skeletal muscle. I. Three immunochemically active peptides obtained by cleavage with cyanogen bromide.

Collagen metabolism in rat incisor pre dentine in vivo: synthesis and maturation of type I, alpha 1 (I) trimer, and type V collagens.

Purification and some properties of carboxylesterase of rat adipose tissue.

Formation of a polymethylene bis(disulfide) intersubunit cross-link between cysteine-281 residues in rabbit muscle glyceraldehyde-3-phosphate dehydrogenase using octamethylene bis(methane[³⁵S]thiosulfonate).

Collagens from the skin and cartilage of the larval salamander *Ambystoma tigrinum*.

Effect of 2,4-dichlorophenoxyacetic Acid on glucosylation of scopoletin to scopolin in tobacco tissue culture.

Proton-magnetic-resonance studies on the interaction of rabbit skeletal-muscle troponin I with troponin C and actin.

Determinants of biliary secretion in isolated perfused skate liver.

Amino-acid sequence of an alpha-parvalbumin, pI = 4.88, from frog skeletal muscle.

Purification of cardiac sarcolemmal vesicles: high sodium pump content and ATP-dependent, calmodulin-activated calcium uptake.

Primary structure of the regulatory subunit of type II cAMP-dependent protein kinase from bovine cardiac muscle.

Isolation and amino acid sequence of a monomeric hemoglobin in heart muscle of the bullfrog, *Rana catesbeiana*.

Estimation of types I and III collagens in whole tissue by quantitation of CNBr peptides on SDS-polyacrylamide gels.

Proximity of sulfhydryl groups to the sites of interaction between components of the troponin complex from rabbit skeletal muscle.

Studies on the Production of Digitalis Cardenolides by Plant Tissue Culture: II. EFFECT OF LIGHT AND PLANT GROWTH SUBSTANCES ON DIGITOXIN FORMATION BY UNDIFFERENTIATED CELLS AND SHOOT-FORMING CULTURES OF DIGITALIS PURPUREA L. GROWN IN LIQUID MEDIA.

Toxicokinetics of chloroethanol in the rat after single oral administration.

Regulation of cardiac glycogen synthase by phosphorylation: catalysis of inactivation by cAMP-dependent and cAMP-independent protein kinases and comparison with the phosphorylation of the skeletal muscle enzyme.

Cytosolic and nuclear binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin to the Ah receptor in extra-hepatic tissues of rats and mice.

Increased specificity in human cardiac-myosin radioimmunoassay utilizing two monoclonal antibodies in a double sandwich assay.

High-affinity binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin in cell nuclei from rat liver.

Genetic activity of diethylstilbestrol in *Saccharomyces cerevisiae*: enhancement of mutagenicity by oxidizing agents.

Activation of misonidazole by rat liver microsomes and purified NADPH-cytochrome c reductase.

Preliminary studies of the metabolic activity of purified suspensions of *Mycobacterium leprae*.

Metabolic energy and cytoskeletal requirements for synthesis and secretion by acini from rat mammary gland-I. Ultrastructural and biochemical aspects of synthesis and release of milk proteins.

Lactate metabolism and cytosolic NADH reducing equivalents in ovine adipocytes.

Metabolic energy and cytoskeletal requirements for synthesis and secretion by acini from rat mammary gland-II. Intracellular transport and secretion of protein and lactose.

Potassium transport by rabbit descending colon.

The toxicokinetics of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in mammalian systems.

Transplacental effects of carcinogens and non-carcinogens on activities of pyruvate kinase and lactate dehydrogenase as well as isozymic pattern of LDH in mouse lung.

Image analysis of electron micrographs of ATPase (Coupling Factor TF1) from thermophilic bacteria and luminal epithelium of mouse urinary bladder.

Reactivity of key metabolic sterols in standard colorimetric assays for cholesterol.

[The influence of several membrane stabilizing drugs on the induced hereditary myotonia--a methodic way to test the effectiveness of drugs on myotonia (author's transl)].

Development and viability of offspring of male mice treated with chlorinated phenoxy acids and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Subchronic administration of technical pentachlorophenol to lactating dairy cattle: immunotoxicologic evaluation.

Effect of phenolic compounds on in vivo activity of glucose-6-phosphatase in certain tissues of *Notopterus notopterus*.

Paraquat poisoning: toxicologic and pathologic findings in three fatal cases.

Soft-tissue sarcomas, phenoxy herbicides, and chlorinated phenols.

Brain level and synthesis of acetylcholine during exposure to vibration and organic-phosphorus and phenol-derived pesticides.

Diquat intoxication: report of two cases and review of the literature.

Soft-tissue sarcomas and exposure to chemical substances: a case-referent study.

Kinetics of paraquat elimination in the dog.

2,4,5-T, trichlorophenol, and soft tissue sarcoma.

[Effect of the pesticide fundazol on induced sclerotic processes].

[Assessment of the potential risk for progeny in work with endodan (experimental studies)].

The teratogenic potential of cacodylic acid in the rat and mouse.

The heart and diaphragm: target organs in the neonatal death induced by nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether).

Hemoperfusion in toxicology. Basic considerations of its effectiveness.

Histological considerations of direct pulp capping agents.

Arsenic-induced axial skeletal (dysraphic) disorders.

Ionic conductance and experimentally induced myotonia.

Oxidant injury of lung parenchymal cells.

Macro-analytical methods used to analyze tissues of the Hawaiian monk seal, *Monachus schauinslandi*, for organochlorine pesticides, polychlorobiphenyls, and pentachlorophenol.

Pharmacokinetics of 2,4,5-T PGBE ester applied dermally to rats.

2,4,5-T effects on cardiac and serum lactic dehydrogenase (LDH) and creatine kinase (CK) isozymes. I. Maternal enzyme activities and isozyme profiles.

Determination of norflurazon and desmethylnorflurazon in plant tissue by high-pressure liquid chromatography.

Tissue retention of arsenic in rats fed with founder or cacodylic acid.

Assessment of adult skeletons to detect prenatal exposure to 2,4,5-T or Trifluralin in mice.

Arterial effects of palmitic, linoleic and acetoacetic acid.

[Pentachlorophenol concentrations in tissues and body fluids of normal persons (author's transl)].

Effects of paraquat in vivo on fatty acids of mouse and guinea pig tissues.

2-4-Dichloro-phenoxy-acetic acid interactions with the detoxification hepatic systems.

Growth of *Bacteroides fragilis* in rabbit tracheal organ culture: anaerobiosis and tissue respiration.

The killing of newborn larvae of *Trichinella spiralis* by eosinophil peroxidase in vitro.

Synthesis of pro-collagen type II by a xenotransplanted human chondroblastic osteosarcoma.

Specific hypo-responsive granulomatous tissue reactions in *Brugia pahangi*-infected jirds.

Insulin secretion by a transplantable rat islet cell tumour.

Identification of abnormally [³²P]-phosphorylated cyanogen bromide cleavage product of erythrocyte membrane spectrin in Duchenne muscular dystrophy.

Reduced secretion of structurally abnormal type I procollagen in a form of osteogenesis imperfecta.

Soft tissue sarcomas and chlorinated phenols.

Acute and subchronic toxicity studies of rats exposed to vapors of methyl mercaptan and other reduced-sulfur compounds.

Basal processes on duodenal epithelial cells of man, mouse and rat.

Characterization of the hyperlipidemia in guinea pigs induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Immunoperoxidase staining in the recognition of *Aspergillus* infections.

Relation of soft-tissue sarcoma, malignant lymphoma and colon cancer to phenoxy acids, chlorophenols and other agents.

Acute and short-term toxicity of 2,3,4,6-tetrachlorophenol in rats.

Experimental siderosis of articular chondrocytes cultured in vitro.

Antibody formation to dog pulp tissue altered by camphor paramonochlorophenol via the root canal.

Entactin, a novel basal lamina-associated sulfated glycoprotein.

Effects of hypoxia and metabolic inhibitors on the electrical and mechanical activities of isolated guinea pig papillary muscles.

Investigation of type I and type III collagens of the lung in progressive systemic sclerosis.

Partial amino acid sequence homology between an hereditary amyloid protein and human plasma prealbumin.

Dioxin, chloracne, and soft tissue sarcoma.

Production of Heinz body anaemia in the domestic fowl after ingestion of dimethyl disulphide: a haematological and ultrastructural study.

Hexose transport in normal and SV40-transformed human endothelial cells in culture.

The development and prognosis of chronic intoxication by tetrachlorodibenzo-p-dioxin in men.

delta-Aminolaevulinic acid uptake, toxicity, and effect on [¹⁴C]gamma-aminobutyric acid uptake into neurons and glia in culture.

Serum SH reactivity: a simple assessment of D-penicillamine absorption?

A comparison of the effects of temperature and metabolic inhibition on the contraction of smooth muscle.

[Effect of thyrocalcitonin on the contraction and relaxation of the isolated myocardium in metabolic blockade and acidosis].

Transfer of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) to the mouse embryo and fetus.

The K⁺-sensitive hyperpolarization of rat skeletal muscle and metabolic inhibitors.

[Clinico-pathological studies on the influence of mono-chlorophenol to the exposed human vital pulp tissues, with reference to compare its three isomers (author's transl)].

Octopus skin collagen. Isolation and characterization of collagen comprising two distinct alpha chains.

On the oxygen consumption of intact vessel wall segments and intima-media preparations of the rabbit carotid artery.

Comparative studies on the inhibitory region of selected species of troponin-I. The use of synthetic peptide analogs to probe structure-function relationships.

Isolation and characterization of subcellular membranes from canine stomach smooth muscle.

The aldolase-binding site of the human erythrocyte membrane is at the NH₂ terminus of band 3.

In Vivo Nitrite Reduction in Leaf Tissue of *Phaseolus vulgaris* L.

Basement membrane collagen from bovine lung: its chain associations as observed by two-dimensional electrophoresis.

Amino acid sequence of calmodulin from scallop (*Patinopecten*) adductor muscle.

Residues of the plant growth regulator mefluidide [N-[2,4]dimethyl-5-[[[(trifluoromethyl)sulfonyl]amino]phenyl]acetamide] in the milk and tissues of lactating dairy cows: a 28-day feeding study.

[Effect of protein synthesis inhibitors on D-xylose transport in frog muscle tissue].

Hydrogen peroxide metabolism in human monocytes during differentiation in vitro.

T cell clones reactive with sperm whale myoglobin. Isolation of clones with specificity for individual determinants on myoglobin.

Primary structure of 3-phosphoglycerate kinase from horse muscle. II. Amino acid sequence of cyanogen bromide peptides CB1-CB4 and CB6-CB14, sequence of methionine-containing regions, and complete sequence of the enzyme.

Primary structure of 3-phosphoglycerate kinase from horse muscle. I. Purification of cyanogen bromide peptides and amino acid sequence of peptide CB5 (104 residues).

Transmural electrical stimulation-induced relaxation of the guinea-pig gall bladder.

Influence of human beta-thromboglobulin on prostaglandin production by pig aortic endothelial cells in culture.

Decreased insulin sensitivity due to a postreceptor defect as a consequence of ATP-deficiency in fat cells.

E-C coupling during poisoning with 2,4-dinitrophenol and recovery in papillary muscle of guinea-pig: 2. Effect on the cardiac electrical activity.

E-C coupling during poisoning with 2,4-dinitrophenol and recovery in papillary muscle of guinea-pig: 1. Effect on the cardiac mechanical activity.

Characterization of a rabbit skeletal muscle protein kinase (PC0.7) able to phosphorylate glycogen synthase and phosphovitin.

Oxidation of branched-chain amino acids in skeletal muscle and liver of rat. Effects of octanoate and energy state.

Somatic embryogenesis and plant regeneration from leaf tissues of *Panicum maximum* Jacq.

Somatic embryogenesis and plant regeneration from leaf tissues and anthers of *Pennisetum purpureum* Schum.

Hydrogen peroxide contracts airway smooth muscle: a possible endogenous mechanism.

Inhibition in vivo of the formation of adducts between metabolites of benzo(a)pyrene and DNA by aryl hydrocarbon hydroxylase inducers.

Distribution and different activation of adenylate cyclase by NaF and of guanylate cyclase by NaN₃ in neuronal and glial cells separated from rat cerebral cortex.

Determination of the mothproofing agent Eulan WA (New) in fish tissue using gas - liquid chromatography following extractive methylation.

Sorting out of coaggregated brain cell types mediated by specific cell recognition factors in vitro. II. Kinetic and metabolic parameters.

In vivo phytochrome difference spectrum from dark grown gametophytes of *Anemia phyllitidis* L. Sw. Treated with norflurazon.

Mechanism of retraction of the trailing edge during fibroblast movement.

The cytoskeleton of primary astrocytes in culture contains actin, glial fibrillary acidic protein, and the fibroblast-type filament protein, vimentin.

Intoxication of cultured human lung fibroblasts with *Clostridium difficile* toxin.

Citrus Tissue Culture : AUXINS IN RELATION TO ABSCISSION IN EXCISED PISTILS.

Embryonic proteins in somatic embryos of carrot.

Freeze-fracture analysis of the effects of age and 2,4-dinitrophenol on the morphology of flight muscle mitochondria of *Musca domestica* L.

Enzyme histochemistry and immunohistochemistry on biopsy specimens of pathologic human bone marrow.

A simplified method for quantitation of the relative amounts of type I and type III collagen in small tissue samples.

Characteristics of (+/-)-[14C]-oxprenolol and (+/-)-[14C]-propranolol incorporation by rat lung slices.

Bovine renal cortex type I collagen: high contents of 3- and 4-hydroxyprolines.

The amino-acid sequence of the alpha subunit in bovine brain S-100a protein.

High-affinity uptake of spermine by slices of rat cerebral cortex.

Mobilization of a common source of smooth muscle Ca²⁺ by norepinephrine and methylxanthines.

Determination of 2,3,7,8-tetrachlorodibenzo-p-dioxin in goat milk and tissues by glass capillary gas chromatography and medium resolution mass fragmentography.

Structural relation of two S-100 proteins in bovine brain; subunit composition of S-100a protein.

[Clinico-pathological studies on the influence of camphorated paramonochlorophenol penicillin compounds to the exposed human vital pulp tissues (author's transl)].

The use of 2-dimensional CNBr peptide maps for the analysis of crosslinked peptides in bone collagen.

Effect of diesel particulate exposure on adenylate and guanylate cyclase of rat and guinea pig liver and lung.

Synthetic studies on the inhibitory region of rabbit skeletal troponin I. Relationship of amino acid sequence to biological activity.

Maturation of renal tubular transport of digoxin.

Effect of hypophysectomy and castration on hepatic, pulmonary and intestinal aryl hydrocarbon hydroxylase activities in the rat.

Studies of the effects of agents which alter calcium metabolism on acetylcholine turnover in the rat diaphragm preparation.

[Tissue-specific regulation of rat liver mitochondrial oxidative phosphorylation by a soluble phase of cells from that organ].

Studies on the structure of aldolase A from chicken muscle.

The uptake of carnitine by slices of rat cerebral cortex.

Complete amino acid sequence of the catalytic subunit of bovine cardiac muscle cyclic AMP-dependent protein kinase.

Primary structure of lobster-muscle arginine kinase. Amino and carboxyl-terminal structure of the enzyme and complete alignment of the cyanogen-bromide peptides.

High-affinity [3H]choline accumulation in cultured human skin fibroblasts.

Fragments of rabbit striated muscle alpha-tropomyosin. II. Binding to troponin-T.

Serotonin uptake by isolated adipose capillary endothelium.

Effect of glucose and hyperosmolality on the electrical characteristics of dog colon mucosa in vivo.

Effect of 2,4 dinitrophenol on the rate of hepatic prostaglandin production.

Isolation and identification of the cyanogen bromide peptides of D-glyceraldehyde-3-phosphate dehydrogenase from human muscle.

Induction of mixed-function oxidase by chronic treatment with 2,3,7,8-tetrachloro-dibenzo-p-dioxin in female rats.

Biotransformation and intracellular binding of arsenic in tissues of rabbits after intraperitoneal administration of ⁷⁴As labelled arsenite.

An energy-dependent, sodium-independent component of active p-aminohippurate transport in rabbit renal cortex.

The amino acid sequence of the delta subunit (calmodulin) of rabbit skeletal muscle phosphorylase kinase.

Protease-insensitive sea urchin embryo cell adhesions become protease sensitive in the presence of azide or cytochalasin B.

[The adhesion of blood platelets to collagen: molecular features of collagen (author's transl)].

Reactions of guinea pig subcutaneous connective tissue to direct or long distance exposure to parachlorophenol- or formalin-containing endodontic drugs.

Ultrastructural demonstration of endogenous peroxidatic activity in mammalian arterial wall.

A histopathological study of the liver in paraquat poisoning--an analysis of fourteen autopsy cases with emphasis on bile duct injury.

Tissue and cellular disposition of paraquat in mice.

The chronic toxicity of technical and analytical pentachlorophenol in cattle. II. Chemical analyses of tissues.

[Biochemical and morphological changes in white rat lung and liver tissues in experimental paraquat poisoning].

A study of fetal growth retardation in teratological tests: an examination of the relationship between body weight and ossification of coccygeal vertebrae in mouse and rat fetuses.

Toxicity and bioaccumulation of pentachlorophenol in broiler chickens.

Ultrastructural morphometric investigations on rat liver of young and adult rats after treatment with technical pentachlorophenol (PCP).

Suicidal poisoning by MCPA and parathion.

Accumulation of anionic pesticides by rabbit choroid plexus in vitro.

Clinical findings in workers exposed to pentachlorophenol.

[Effect of the pesticide, fundazol, on the myocardium of rats with experimental atherosclerosis].

[Assessment of the chronic toxic action of the herbicide, balagrin, in continuous and intermittent exposure regimens].

Experimental myotonia.

Neuronal influences on the sensitivity of skeletal muscle to experimental myotonia.

Oxygen effects of metabolism and paraquat uptake in rat lung slices.

Optimal fixation conditions for the immunoperoxidase identification of human J chain from tissue sections.

Studies on the disposition and metabolism of pentachloroanisole in female mice.

Gas chromatographic determination of fluridone aquatic herbicide and its major metabolite in fish.

[The effect of the herbicide Dinoseb-acetate (Aretit) on transaminase (GOT, GPT) activity in the blood serum and muscles of the Japanese quail (*Coturnix coturnix japonica*)].

Ethanol oxidation by rat brain in vivo.

20,25-Diazacholesterol, clofibric acid and 2,4-dichlorophenoxyacetic acid--all inducers of myotonia--perturb the post-lanosterol sector of sterol biosynthesis in cultured chick embryo fibroblasts.

Peanut uptake and metabolism of [¹⁴C]oxadiazon from soil.

Metabolic fate of the herbicide dicamba in a lactating cow.

Effects of atrazine on circadian RNA, DNA and total protein rhythms in the thyroid and adrenal.

Incorporation of foreign compound metabolites into plant and soil constituents.

The influence of paraquat on the in vivo incorporation of lecithin precursors in lung tissue and 'alveolar' lecithin.

Metabolism of ¹⁴C-labeled hexazinone in the rat.

Metabolic fate of the herbicide buthidazole in lactating cows and laying hens.

[Myotonic effects of 2,4-Dichlorophenoxyacetate (2,4-D) on the isolated frog skeletal muscle (author's transl)].

[The influence of 2,4-dichlorophenoxyacetate (2,4-D) on the membrane potential, membrane resistance and electromyogram of the frog skeletal muscle before and after stimulation (author's transl)].

Use of acrolein vapors for the anhydrous preparation of bone tissue for electron microscopy.

Thidiazuron uptake, distribution and metabolism in bluegills and channel catfish.

Hexachlorobenzene (HCB) and some of its sulfur-containing metabolites: tissue retention and excretion routes in mice.

Preliminary results of using camphorated monoparachlorophenol (CMPC) on vital pulp tissue.

Lymphocyte capping induced by polycationized ferritin.

Quantitative evaluation of the promotion by 2,3,7,8-tetrachlorodibenzo-p-dioxin of hepatocarcinogenesis from diethylnitrosamine.

Metabolic dependence of the electromyogram of the cat colon.

Toxicology of selenium: a review.

Processing of prolactin by human breast cancer cells in long term tissue culture.

Postnatal morphology and functional capacity of the kidney following prenatal treatment with dinoseb in rats.

Covalent structure of collagen: amino acid sequence of alpha 1 (III)-CB5 from type III collagen of human liver.

Some factors affecting spontaneous transmitter release in dystrophic mice.

The impact of streptozotocin-induced diabetes mellitus on cyclic nucleotide regulation of skeletal muscle amino acid metabolism in the rat.

Myotonia as a side effect of diuretic action.

Actual new cancer-causing hydrazines, hydrazides, and hydrazones.

Synovial origins of Rice bodies in joint fluid.

Gingival matrix collagen in chronic periodontitis.

Effect of polychlorinated biphenyl, dibenzofuran and dibenzo-p-dioxin on the susceptibility of male mice to endotoxin.

The histochemical characterization of the coupling state of skeletal muscle mitochondria.

Relationship between ATP Level and Activity of Fusicoccin-stimulated H/K-Exchange System in Plant Tissues.

Combined capillary gas chromatography/atmospheric pressure negative chemical ionization/mass spectrometry for the determination of 2,3,7,8-tetrachlorodibenzo-p-dioxin in tissue.

In vitro binding of ¹⁴C-labeled acidic compounds to serum albumin and their tissue distribution in the rat.

Properties of carnitine transport in rat kidney cortex slices.

The relationship between the transport of glucose and cations across cell membranes in isolated tissues. X. Effect of glucose transport stimuli on the efflux of isotopically labelled calcium and 3-O-methylglucose from soleus muscles and epididymal fat pads of the rat.

Differential induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin of multiple forms of rabbit microsomal cytochrome P-450: evidence for tissue specificity.

The renal cortical lymphatic system in dogs with unimpeded lymph and urine flow.

Cytotoxicity of methyl bromide: effect of methyl bromide on cultured mammalian cells.

Metabolic and cytoskeletal modulation of transferrin receptor mobility in mitogen-activated human lymphocytes.

Structural basis for the difference of the regulatory properties between potato and rabbit muscle phosphorylases. The NH₂-terminal sequence of the potato enzyme.

Metabolism of 2,4-Dichlorophenoxyacetic Acid (2,4-D) in Soybean Root Callus : EVIDENCE FOR THE CONVERSION OF 2,4-D AMINO ACID CONJUGATES TO FREE 2,4-D.

Tissue distribution, excretion, and metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the Golden Syrian hamster.

Digoxin-quinidine interaction: in vitro studies in rat tissue.

Organ culture of adult rat colonic mucosa on fibrin foam.

The effects of calcium ions, ionophore A23187 and inhibition of energy metabolism on protein degradation in the rat diaphragm and epitrochlearis muscles in vitro.

Soluble Sugars, Respiration, and Energy Charge during Aging of Excised Maize Root Tips.

Collagen biosynthesis by human skin fibroblasts. II. Isolation and further characterization of type I and type III procollagens synthesized in culture.

Purification and structural comparison of pulmonary and hepatic cytochrome P-450 from rabbits.

Active renal hexose transport. Structural requirements.

Adriamycin-induced alterations of the action potential in rat papillary muscle.

Selective depression of 2,4-dinitrophenol depolarized canine Purkinje fibers by lidocaine.

Effects of nonspecific smooth muscle relaxants on tissue concentrations of high energy phosphates and mechanical activity of normal polarized and depolarized intestinal smooth muscles from guinea pig.

The amino acid sequence of rabbit cardiac tropomyosin.

The complete amino acid sequence of horse muscle acylphosphatase.

Complete amino acid sequence of mitochondrial aspartate aminotransferase from pig heart muscle. Peptide ordering procedures and the complete sequence.

Complete amino acid sequence of mitochondrial aspartate aminotransferase from pig heart muscle. Cyanogen bromide peptides.

Maturation of collagenous tissue. Temporal sequence of formation of peptidyl lysine-derived cross-linking aldehydes and cross-links in collagen.

Metabolism of o-[methyl-¹⁴C]toluidine in the F344 rat.

Comparison of aryl hydrocarbon hydroxylase and epoxide hydratase. Induction in primary fetal rat liver cell culture.

Calcium accumulation by chick intestinal mitochondria. Regulation by vitamin D-3 and 1,25-dihydroxyvitamin D-3.

Substrate supply and function of isolated venous smooth muscle under anoxia and metabolic inhibition.

Characterization of Na-K-ATPase in dog tracheal epithelium: enzymatic and ion transport measurements.

The primary structure of the calcium ion-transporting adenosine triphosphatase protein of rabbit skeletal sarcoplasmic reticulum. Peptides derived from digestion with cyanogen bromide, and the sequences of three long extramembranous segments.

Praziquantel, potassium and 2,4-dinitrophenol: analysis of their action on the musculature of *Schistosoma mansoni*.

Desensitization of the acetylcholine receptor of denervated rat soleus muscle and the effect of calcium.

Stimulus-secretion coupling in rat pancreas: role of sodium, calcium and cyclic nucleotides studied by X-537A and BrX-537A.

An established routine method for differential staining of epoxy-embedded tissue sections.

Solubilization and partial purification of the Ca²⁺/Na⁺ antiporter from the plasma membrane of bovine heart.

Polyamines and nucleic acids during the first cell cycle of *Helianthus tuberosus* tissue after the dormancy break.

Vein Loading in Seedlings of *Phaseolus vulgaris* Exposed to Excess Cobalt, Nickel, and Zinc.

Mechanisms of action potential propagation failure at sites of axon branching in the crayfish.

Concentration of myo-inositol in skeletal muscle of the rat occurs without active transport.

Analysis of the lytic step in the herpes simplex virus antibody-dependent cellular cytotoxicity system.

Whole-body retention, excretion and metabolism of [⁷⁴As]arsenic acid in the hamster.

Synthesis of types I, III and AB2 collagen by chick tendon fibroblasts in vitro.

The complete amino acid sequence of the Ca²⁺-dependent modulator protein (calmodulin) of bovine brain.

Determination of polyhalogenated phenotic compounds in drinking water, human blood serum and adipose tissue.

In vitro synthesis of tissue-specific type II collagen by healing cartilage. I. Short-term repair of cartilage by mature rabbits.

[Peripheral regulation of the adrenergic mediator process in the smooth muscles of the rat small intestine].

Isolation of a unique collagenous fraction from limited pepsin digests of human placental tissue. Characterization of one of the constituent polypeptide chains.

Biosynthesis of interstitial types of collagen by albumin-producing rat liver parenchymal cell (hepatocyte) clones in culture.

Comparative metabolism of 2,4-dichlorophenoxyacetic Acid in cotyledon and leaf callus from two varieties of soybean.

Uptake, elimination, and metabolism of three phenols by fathead minnows.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxic effects and tissue levels in animals from the contaminated area of Seveso, Italy.

Chemical studies of tissue polypeptide antigen (TPA). II. Partial amino acid sequences of cyanogen bromide fragments of TPA subunit B1.

Fingerprint analyses of plant and animal tissues with respect to the occurrence of foreign compounds.

Effects of phenol and dinitrophenol on acid and alkaline phosphatases in tissues of a fish (*Notopterus notopterus*).

An improved method for isolation of Ca²⁺ binding cyanogen bromide peptides from rabbit skeletal muscle troponin C.

Ultrastructure of hepatic and heart muscle mitochondria after 2,4-dinitrophenol treatment in vivo.

Effects of nonspecific smooth muscle relaxants on glycogen phosphorylase activity in depolarized taenia caecum of guinea pig.

Interaction of cytopathogenic toxin from *Clostridium difficile* with cells in tissue culture.

2,4-dinitrophenol, lysosomal breakdown and rapid myofilament degradation in vertebrate skeletal muscle.

The effect of immobilization on the types of collagen synthesized in periarticular connective tissue.

Histochemical technique for the demonstration of phosphofructokinase activity in heart and skeletal muscles.

Studies on cartilage formation. XXII. Investigations of certain oxidative metabolic processes in regenerating articular cartilage.

Distribution of 2-methyl-4-chlorophenoxyacetic acid and 2,4-dichlorophenoxyacetic acid in male rats: evidence for the involvement of the central nervous system in their toxicity.

Delayed neurotoxic, late acute and cholinergic effects of S,S,S-tributyl phosphorotrithioate (DEF): subchronic (90 days) administration in hens.

The effect of chlorpromazine on the uptake and efflux of paraquat in rat lung slices.

Two survivors of severe paraquat intoxication by "continuous hemoperfusion".

Case-control study: soft-tissue sarcomas and exposure to phenoxyacetic acids or chlorophenols.

Vehicle alteration of paraquat lethality in mice.

The rapid screening of body tissues for pentachlorophenol (PCP) with special reference to a poisoning fatality.

Paraquat poisoning: an analytical toxicologic study of three cases.

Prenatal effects of 2,4,5-T, 2,4,5-trichlorophenol, and phenoxyacetic acid in mice.

[Histoenzymatic reactions in the cells of the reticuloendothelial system of the liver and spleen and hepatocytes in acute Morfamquat dichloride poisoning].

The influence of hyperoxia on the acute toxicity of paraquat and diquat.

[Disturbances in the processes of division and differentiation of the spermatopietic epithelium in chronic Ramrod poisoning].

Review of the toxicology of paraquat (1,1'-dimethyl-4,4'-bipyridinium chloride).

Treatment of severe 2,4-D and mecoprop intoxication with alkaline diuresis.

Changes of metabolism during experimentally induced myotonia of rats. II. Alterations in creatine kinase and acid phosphatase activities: a possible mechanism in the development of muscle damage.

Changes of metabolism during experimentally induced myotonia of rats. I. Alterations in lactate and malate dehydrogenase isoenzyme activities.

[Hereditary and experimental myotonia: a comparative study (author's transl)].

Experimental myotonia induced in denervated muscles by 2,4-D.

Tissue distribution of paraquat and diquat after oral administration in rats.

Induction by manganese, ethanol, phenobarbital, and herbicides of microsomal cytochrome P-450 in higher plant tissues.

Specific granules of the rat atrial muscle cell.

S-Chloroallyl thiocarbamate herbicides: mouse hepatic microsomal oxygenase and rat metabolism of cis- and trans-[¹⁴C = O]diallate.

Serum protein and renal tissue binding of 2,4,5-trichlorophenoxyacetic acid.

Pentachlorophenol residues in human adipose tissue.

The metabolism and disposition of halogenated aromatics.

Evidence for serum binding of oxidized spermine and its potent G1-phase inhibition of cell proliferation.

Metabolism of [¹⁴C]fosamine ammonium in the rat.

Influence of 2,4 dichlorophenoxyacetate and of dantrolene sodium on the target phenomenon in tenotomized rat gastrocnemius muscle.

Determinants of the renal handling of 2, 4-dichlorophenoxyacetic acid by winter flounder.

[Mesoranil metabolism in the body of warm-blooded animals].

Metabolism and distribution of 2,4,5-trichlorophenoxyacetic acid (2,4,5-T) in pregnant mice.

Excretion balance, metabolic fate, and tissue residues of N-phenyl-N'-1,2,5,-thiadiazol-3-ylurea (photothiadiazuron) in rats.

EC-GLC determination of the herbicidal monohalogenated phenoxyalkyl acid mecoprop in tissues, urine and plasma after derivatization with pentafluorobenzylbromide.

Neurochemical effects of peroral administration of technical pentachlorophenol.

Metabolism of 2-chloro-N-isopropylacetanilide (propachlor) in the sheep and milk goat.

[Microsurgical plastic reconstruction of the explosion-damaged hand].

Immunochemical characterization of the basement membrane glycoprotein laminin.

Role of peripheral tissue receptors in stimulation of ventilation by 2,4-dinitrophenol.

[Case- control study of malignant mesenchymal soft tissue tumors and exposure to chemical substances].

Defect in regulation of membrane transport of monosaccharides in dystrophic muscle.

Unique characteristics of superoxide production by human eosinophils in eosinophilic states.

Immunoperoxidase staining for detection of Colorado tick fever virus, and a study of congenital infection in the mouse.

Mode of uptake and degradation of 125I-labelled insulin by isolated hepatocytes and H4 hepatoma cells.

The solvent action of sodium hypochlorite on fixed and unfixed necrotic tissue.

Nature of collagen in dermatofibrosarcoma protuberans.

Isolation and immunochemical characterization of antibodies from the sera of cancer patients which are reactive against human melanoma cell membranes by affinity chromatography.

The protective action of inosine on isolated arteries in hypoxia.

Functional studies of hairy cell leukemia (leukemic reticuloendotheliosis).

Comparison of rat liver and Walker 256 carcinosarcoma tRNAs.

Malignant lymphoma of histiocytic type and exposure to phenoxyacetic acids or chlorophenols.

Abnormal protein synthesis in malignant melanoma cells.

The biostructural theory and the criticism of contemporary molecularism.

Estimation of the TCDD toxic potential in the light of the Seveso accident.

Bovine type I collagen: A study of cross-linking in various mature tissues.

Biochemical selection of immature, haploid embryos of *Zea mays* L.

Gibberellic Acid Activates Chromatin-bound DNA-dependent RNA Polymerase in Wounded Potato Tuber Tissue.

Sucrose uptake by sugar beet tap root tissue.

2,3,7,8-Tetrachlorodibenzo-p-dioxin tissue distribution, excretion, and effects on clinical chemical parameters in guinea pigs.

Effect of sodium azide on the ultrastructural preservation of tissues.

Possible role of cyclic GMP in stimulus-secretion coupling by salt gland of the duck.

Analysis of the adhesion step in the herpes simplex virus antibody-dependent cellular cytotoxicity system.

Effects of pretreatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin on the capacity of hepatic and extrahepatic mouse tissues to convert procarcinogens to mutagens for *Salmonella typhimurium* auxotrophs.

Dispersal and reformation of acetylcholine receptor clusters of cultured rat myotubes treated with inhibitors of energy metabolism.

Cross-linking of fibronectin to collagen by blood coagulation Factor XIIIa.

Studies on peptides. LXXXI. Application of a new arginine derivative, NG-mesitylene-2-sulfonylarginine, to the synthesis of substance P and neurotensin.

Tissue distribution of the receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat.

The transport of para-aminohippuric acid by the ciliary body and by the iris of the primate eye.

Sequence of two phosphorylated sites in the catalytic subunit of bovine cardiac muscle adenosine 3':5'-monophosphate-dependent protein kinase.

Isolation and separation of toad bladder epithelial cells.

Isolation and characterization of basement membrane collagen from human placental tissue. Evidence for the presence of two genetically distinct collagen chains.

Toxicity of 4-chloro-o-cresol to fish. Light microscopy and chemical analysis of the tissue.

Cell-mediated immune response to dog pulpal tissue altered by camphor paramonochlorophenol.

An improved silver stain for developing nervous tissue.

In vitro metabolism of 1,2-dihaloethanes to ethylene.

Astroglial and axonal proteins in isolated brain filaments. I. Isolation of the glial fibrillary acidic protein and of an immunologically active cyanogen bromide peptide from brain filament preparations of bovine white matter.

Effects of temperature, metabolic inhibitors and some other factors on fluid-phase and adsorptive pinocytosis by rat peritoneal macrophages.

On the distribution of [met⁵]- and [leu⁵]-enkephalins in the brain of the rat, guinea-pig and calf.

Actin from embryonic chick brain. Isolation in high yield and comparison of biochemical properties with chicken muscle actin.

Synthesis and biological activity of an icosapeptide analog of the actomyosin ATPase inhibitory region of troponin I.

On the pathogenesis of mitochondrial myopathies. An experimental study.

Effect of glyphosate on auxin transport in corn and cotton tissues.

Thyroid hormone stimulates synthesis of a cardiac myosin isozyme. Comparison of the two-dimensional electrophoretic patterns of the cyanogen bromide peptides of cardiac myosin heavy chains from euthyroid and thyrotoxic rabbits.

Isolation of kidney brush border gamma-glutamyl transpeptidase from urine by specific antibody gel chromatography.

Postnatal amino acid uptake by the rat small intestine. Energetics of membrane transport systems for amino acids in the developing jejunum.

Toxicity of 4-chloro-O-cresol to rat: I. Light microscopy and chemical observations.

Metabolic activation and deactivation of mutagens and carcinogens.

[Tissue reaction to chlorphenol camphor with and without prednisolone, lidocid and melted thymol].

Ultrastructural localization of D-amino acid oxidase in microperoxisomes of the rat nervous system.

Isolation and tissue localization of type AB2 collagen from normal lung parenchyma.

Uptake of potassium ions by normal and crown-gall-tumor cells of *Vinca rosea* grown in tissue culture.

Changes in crosslinking during aging in bovine tendon collagen.

Effects of 2,4-dinitrophenol, amylbarbitone and certain other drugs on the rate of oxygen consumption and force of contraction of isolated curarized diaphragm muscle of the rat.

Inhibition of blood coagulation factor XIIIa-mediated cross-linking between fibronectin and collagen by polyamines.

The metabolic fate of N-isopropyl-N-phenylloxamic acid in the rat and the milk goat.

An ouabain-insensitive Na-ATPase of the arterial vascular muscle cell and its relation to ouabain-sensitive Na,K-ATPase.

Mammalian endogenous peroxidases as cellular markers and as biosynthetic endpoints of hormone-mediated activity: viewpoint from cytochemistry.

Effect of metabolic inhibitors on vasopressin-stimulated transport systems in the toad bladder.

Hormonally induced cell shape changes in cultured rat ovarian granulosa cells.

Correlation of biochemical and morphologic manifestations of acute pulmonary fibrosis in rats administered paraquat.

Superoxide dismutase of the eye: relative functions of superoxide dismutase and catalase in protecting the ocular lens from oxidative damage.

Paraquat lung injury in rabbits.

The influence of paraquat on the in vitro oxygen consumption of rabbit lung.

The localization of calcium by X-ray microanalysis in myopathic muscle fibers.

The pathology and biochemistry of paraquat.

[Relationship of the pesticide content to the biochemical changes in the tissues and blood in Ro-Neet poisoning].

The toxicity of MCPA to fish. Light and electron microscopy and the chemical analysis of the tissue.

Fatal paraquat poisoning: tissue concentrations and implications for treatment.

Pulmonary histological appearances in fatal paraquat poisoning.

[2,4-D poisoning].

[Muscle flaccidity as a leading and warning symptom in drug therapy and poisonings].

Reduced body clearance as the major mechanism of the potentiation by beta2-adrenergic agonists of paraquat lethality in rats.

Enzymic digestion of liver tissue to release barbiturates, salicylic acid and other acidic compounds in cases of human poisoning.

Myosin changes in experimental 2,4-dichlorophenoxyacetate myopathy.

Subacute skeletal myopathy induced by 2,4-dichlorophenoxyacetate in rats and guinea pigs.

A carbamate herbicide causes microtubule and microfilament disruption and nuclear fragmentation in fibroblasts.

Metabolism of [ring-¹⁴C]ordram (molinate) in the rat. I. Balance and tissue residue study.

Excretion and metabolism of 3,4,5-tribromo-N,N,alpha-trimethyl-1H-pyrazole-1-acetamide in the rat.

Developmental restrictions on hormone modulated gene transcription. II. Hormone induced interactions of RNA polymerase with chromatin.

Metabolism of [¹⁴C] terbutryn (2-(t-butylamino)-4-(ethylamino)-6-(methylthio-s-triazine) by rats and goat.

Excretion balance, metabolic fate, and tissue residues following treatment of lactating goats and laying hens with thidiazuron cotton defoliant.

Effect of SITS on organic anion transport in the rabbit kidney cortical slice.

Excretion balance, metabolic fate, and tissue residues following treatment of rats with thidiazuron cotton defoliant.

Electron-capture gas chromatographic determination of 2-sec-butyl-4,6-dinitrophenol (DNBP) residues in feed, tissue, and excreta.

Identification of oleoresin in epoxy-embedded slash pine tissue.

DNA, RNA and protein content of tissue during growth and embryogenesis in wild-carrot suspension cultures.

Effect of some pesticides on the rhythmic adductor muscle activity of fresh-water mussel larvae.

On the relative rates of synthesis and degradation of catalase in vertebrate tissues.

The effects of pentachlorophenol (PCP) and 2,4-dinitrophenol (DNP) on the oxygen consumption of tissues from the blue crab, *Callinectes sapidus*, under different osmotic conditions.

Type-I trimer and type-I collagen in neutral-salt-soluble lathyrin-rat dentine.

Reincarnation in cultured muscle of mitochondrial abnormalities. Two patients with epilepsy and lactic acidosis.

Biochemical changes in the rat brain associated with dinitrophenol-induced brain edema.

[Some peculiarities of ATPase in tumor mitochondria].

[Pathological and embryological studies on abortion cases related to the Seveso accident].

Reversion of transformed glycolysis to normal by inhibition of protein synthesis in rat kidney cells infected with temperature-sensitive mutant of Rous sarcoma virus.

2,3,7,8-tetrachlorodibenzo-p-dioxin as cocarcinogen causing 3-methylcholanthrene-initiated subcutaneous tumors in mice genetically "nonresponsive" at Ah locus.

Isolation and characterization of glial filaments from human brain.

Collagens synthesized in vitro by diploid fibroblasts obtained from chronically inflamed human connective tissue.

Relation of cell type and cell density in tissue culture to the isoaccepting spectra of the nucleoside Q containing tRNAs: tRNATyr, tRNAHis, tRNAAsn and tRNAAsp.

Subcellular metabolite concentrations. Dependence of mitochondrial and cytosolic ATP systems on the metabolic state of perfused rat liver.

The distribution of antigen in flare up reaction in contact sensitivity to DNCB.

Collagen polymorphism in pathologic human scars.

Sequence of the carboxyl-terminal 492 residues of rabbit muscle glycogen phosphorylase including the pyridoxal 5'-phosphate binding site.

Sequence of the amino-terminal 349 residues of rabbit muscle glycogen phosphorylase including the sites of covalent and allosteric control.

Citrus tissue culture: stimulation of fruit explant cultures with orange juice.

Quantitative and qualitative changes in the metabolism of benzo(a)pyrene in rat tissues after intragastric administration of TCDD.

Cyanogen-bromide fragments of rabbit skeletal muscle alpha-tropomyosin.

Effect of prolonged anaerobiosis on 125I-insulin binding to rat soleus muscle: permissive effect of ATP.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the renal tubular secretion of phenolsulfonphthalein.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on lipid profiles in tissue of the Fischer rat.

Immobilized flounder muscle glyceraldehyde 3-phosphate dehydrogenase.

Purification, characterization, and amino acid sequence of rat anaphylatoxin (C3a).

The amino-acid sequence of troponin C from frog skeletal muscle.

Regulation of ribosomal RNA accumulation by auxin in artichoke tissue.

A study of the mechanism of transport of delta9-tetrahydrocannabinol in the rat submaxillary gland in vitro.

Calcium-induced conformational changes in a cyanogen bromide fragment of troponin C that contains one of the binding sites.

Characterization of pepsin-solubilized bovine heart-valve collagen.

Bovine tendons. Aging and collagen cross-linking.

The organization of tissues of the eye by different collagen types.

The sarcoplasmic reticulum and T-system of rat extensor digitorum longus muscles exposed to hypertonic solutions.

[Increase in heat production by muscle contraction caused by 2,4-dinitrophenol].

Properties of the calcium-extruding mechanism of liver cells.

Studies of the chemo-mechanical conversion in artificially produced streamings. I. Reconstruction of a chemo-mechanical system from acto-HMM of rabbit skeletal muscle.

Characterization of a region of the primary sequence of troponin C involved in calcium ion-dependent interaction with troponin I.

Ca²⁺-stimulated phosphorylation of muscle glycogen synthase by phosphorylase b kinase.

Oxidative metabolism of isolated foetal and neonatal rabbit brown adipose tissue. II. Effect of 2,4-dinitrophenol [proceedings].

Metabolism of 2,4-dichlorophenoxyacetic Acid in soybean root callus and differentiated soybean root cultures as a function of concentration and tissue age.

Responses of the D-glucuronic acid pathway in rat tissues to treatment with tetrachlorodibenzodioxin.

Distribution of clozapine in the rat: localization in lung.

Calcium buffering in presynaptic nerve terminals. I. Evidence for involvement of a nonmitochondrial ATP-dependent sequestration mechanism.

Effects of phospholipase A and triton x-100 on guanylate cyclase activity in mammary gland homogenates from mice.

Respiration of mammalian cells at low concentrations of oxygen: I. Effect of hypoxic-cell radiosensitizing drugs.

Bone accumulation of the Tc-99m complex of carbamyl phosphate and its analogs.

Calcium-dependent inhibition by prostaglandin E1 of spontaneous acetylcholine release from frog motor nerve.

Preservation of rat liver tissue by endodontic therapeutic agents.

[Inhibition of the process of sugar transport stimulation in the frog sartorius muscles by amines and amides].

Some properties of Ca-binding microsomal subfractions isolated from rabbit colon muscle.

The amino acid sequence of rabbit skeletal alpha-tropomyosin. The NH₂-terminal half and complete sequence.

Amino acid sequence of rabbit skeletal muscle alpha-tropomyosin. The COOH-terminal half (residues 142 to 284).

Iodothyronine metabolism in rat liver homogenates.

[Effect of 2,4-dinitrophenol on transmembrane potential difference in frog tissues].

Inhibition of rabbit muscle creatine kinase by iodomethane [proceedings].

Tests for cataglykin activity on a cyanogen bromide fragment of human growth hormone.

Induction of drug metabolizing enzymes in different rat tissues by TCDD.

[Rapid method of combined staining of myelinated fibers and brain cells].

Human poisoning with pentachlorophenol and its treatment.

Acute and subchronic toxicity of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in male rat. I. Light microscopy and tissue concentrations of MCPA.

Human urinary excretion of the herbicide 2-methyl-4-chlorophenoxyacetic acid.

[Hemoperfusion with coated activated charcoal for treating acute poisoning by remedies, plant protectants, and fungi (author's transl)].

[Pulmonary injury of mice produced by chronically peroral treatment with different substances (author's transl)].

Environmental agents altering lung biochemistry.

The effect of two pesticides, Miedzian 50 and Gesagard 50, on the development of tadpoles of *Rana temporaria*.

Toxicological studies on hydrocarbons--lomex.

The possible cellular mechanism of 2,4-dichlorophenoxyacetate-induced myopathy.

The radioimmunological measurement of thyroglobulin secretion in vitro under the influence of some herbicides.

The effect of denervation on subsequent in vitro induction of myotonia.

Cyclic AMP-dependent control of the rat hepatic glutathione disulfide-sulfhydryl ratio.

The influence of nerve stump length on (2,4-dichlorophenoxy)acetic acid-induced myotonia.

Neural influence on experimental myotonia.

The pharmacology of experimental myopathies.

Repression of asexual embryogenesis in vitro by some plant growth regulators.

Studies on the uptake, metabolism, and disposition of pentachlorophenol and pentachloroanisole in rainbow trout.

Interaction of azidonitrophenylaminobutyryl--ADP, a photoaffinity ADP analog, with mitochondrial adenosine triphosphatase. Identification of the labeled subunits.

Catharanthus roseus tissue culture: the effects of medium modifications on growth and alkaloid production.

Regulation of hydrogen peroxide in eye humors. Effect of 3-amino-1H-1,2,4-triazole on catalase and glutathione peroxidase of rabbit eye.

Determination of terbacil and metabolite residues using microcoulometric gas chromatography.

Association between renal function tests and pentachlorophenol exposure.

The effect of some pesticides on the rhythmic activity of adductor muscle of fresh-water mussel larvae.

Effects of pretreatment with sucrose-containing cacodylate buffer on alkaline phosphatase activity in rat tissue sections.

Tissue uptake of paraquat and diquat.

1,1-Dichloroethylene hepatotoxicity: proposed mechanism of action and distribution and binding of ¹⁴C radioactivity following inhalation exposure in rats.

Neurochemical effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in Wistar and Gunn rats.

Release of platelet constituents by monosodium urate crystals.

Human dander in house dust allergy.

Therapeutic trials in muscular dystrophy: II. Ethylene and its derivatives.

Prostaglandin E₂ production by renal inner medullary tissue slices: effect of metabolic inhibitors.

Induction of tumors in mice with the herbicide succinic acid 2,2-dimethylhydrazide.

[Suppression of the anaphylactic response of isolated smooth muscle organs by potassium arsenite].

Bromide intoxication of horses, goats, and cattle.

Effects in the mouse and rat of prenatal exposure to arsenic.

Studies on the nature of EA binding by lymphocytes from rheumatoid arthritis patients.

[Preliminary data on the action of sulfonamido-phenoxyacetic acid on the synthesis of nucleic acids and proteins in the brain and liver of normal and cancerous rats].

Chromatographic behavior of several mammalian tRNAs on acylated dihydroxyl-borate cellulose and Aminex A-28.

Effects on interferon of heavy metal excess and zinc deficiency.

Accelerated degradation of acetylcholine receptor from cultured rat myotubes with myasthenia gravis sera and globulins.

[Copper and nervous system. An experimental study (author's transl)].

The value of enzyme histochemical techniques in the classification of fibre types of human skeletal muscle. 2. The histochemical demonstration of myosin adenosine triphosphatase in skeletal muscles from adult patients with or with no diseases of the neuromuscular system. A comparison between results obtained by calcium salt and lead salt techniques.

Factors involved in heavy metal poisoning.

Purification of human ovarian tumor-associated antigen and demonstration of circulating tumor antigen in patients with advanced ovarian malignancy.

Gap junctions. Structural changes after uncoupling procedures.

Epidemiology and pathology of a tetrachlorodibenzodioxin poisoning episode.

Effect of anoxia, 2,4-dinitrophenol and salicylate on xylose transport by isolated rat soleus muscle.

Collagenase and collagenase inhibitors in osteoarthritic and normal cartilage.

The occurrence of collagen type II in bronchogenic carcinoma.

Preventive effect of selenium, methionine and antioxidants against encephalomalacia of chicks induced by dilauryl succinate.

Changes in integrated vagal afferent activity induced by model lung diseases in rats.

Partial amino acid sequence of brain actin and its homology with muscle actin.

Cyanogen bromide peptide from bovine cardiac myosin containing two essential thiols. Evidence for sequence homology with skeletal myosin in the region of the active site.

The distribution of methionine-enkephalin and leucine-enkephalin in the brain and peripheral tissues.

Bioproduction of rubratoxin in a glucose-mineral salts broth with nutritional supplements and metabolic inhibitors.

The inhibitory effect of papaverine on respiration-dependent contracture of guinea pig taenia coli in high-K medium. I. The relationship between contracture and respiration.

The collagen of heart valve.

Carnitine movement across muscle cell membranes. Studies in isolated rat muscle.

[Hormonal regulation of the electrical properties of the cell membrane].

[Effect of maintaining the grassfrog sartorius muscle in a 0.002 M solution of alpha-dinitrophenol on its sensitivity to a 0.004 M solution of that substance].

Complete amino acid sequence of rabbit muscle glycogen phosphorylase.

Localization of creatine kinase isoenzymes in myofibrils. I. Chicken skeletal muscle.

Polarity of Production of Polyphenols and Development of Various Enzyme Activities in Cut-injured Sweet Potato Root Tissue.

Metabolic changes associated with gastric stimulation.

The capillary and sarcolemmal barriers in the heart. An exploration of labeled water permeability.

The amino acid sequence of rabbit slow-muscle troponin I.

The binding site of skeletal alpha-tropomyosin on troponin-T.

Determination of the amino acid sequence of troponin C from rabbit skeletal muscle.

Does diaminobenzidine demonstrate prostaglandin synthetase? A study on polyunsaturated fatty acid-induced DAB oxidation in sheep vesicular glands and rabbit kidney medulla.

Intestinal absorption of sugars and amino acids in the earthworm.

Competitive and uncompetitive effects of 2,4-dinitrophenol on ATPase activities of rabbit skeletal actomyosin and myosin.

Transplacental induction of mixed-function oxygenases in extra-hepatic tissues by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

In vitro uptake of gentamicin by rat renal cortical tissue.

Effects of sodium nitroprusside, nitroglycerin, and sodium azide on levels of cyclic nucleotides and mechanical activity of various tissues.

Nitric oxide activates guanylate cyclase and increases guanosine 3':5'-cyclic monophosphate levels in various tissue preparations.

Synthesis of types I and III procollagen and collagen by monkey aortic smooth muscle cells in vitro.

Effect of anoxia and ATP depletion on the membrane potential and permeability of dog liver.

Regulation of cardiac output during 2,4-dinitrophenol-induced tissue hypermetabolism in the dog.

Effects of temperature, metabolic and cytoskeletal inhibitors on the rate of BHK cell adhesion to polystyrene.

The complete amino acid sequence of mitochondrial aspartate aminotransferase from pig heart.

Role of tissue hypermetabolism in stimulation of ventilation by dinitrophenol.

Appearance of new acetylcholine receptors on the baby chick biventer cervicis and denervated rat diaphragm muscles after blockade with alpha-bungarotoxin.

Relation of membrane vesicles to volume and Na⁺ transport in smooth muscle: effect of metabolic and transport inhibition on fresh tissues.

SDS-polyacrylamide gel electrophoretic determination of type I and type III collagen in small skin samples.

Actions of insulin in fat cells. Effects of low temperature, uncouplers of oxidative phosphorylation, and respiratory inhibitors.

Correlation between Phenylalanine Ammonia Lyase Activity and Phenolic Biosynthesis in p-Fluorophenylalanine-sensitive and -resistant Tobacco and Carrot Tissue Cultures.

The subunit structure of bovine brain 14-3-2.

Amino acid sequence of dogfish muscle lactate dehydrogenase.

Accumulation of taurine by cultured retinal pigment epithelium of the rat.

Bicarbonate stimulation of mitochondrial ATPase. Effect of physical training.

Primary structure of rabbit skeletal muscle troponin-T. Sequence determination of four cyanogen bromide fragments, CB4, CB6, and CB7.

Primary structure of rabbit skeletal muscle troponin-T. Purification of cyanogen bromide fragments and the amino acid sequence of fragment CB2.

Primary structure of rabbit skeletal muscle troponin-T. Sequence determination of the NH₂-terminal fragment CB3 and the complete sequence of troponin-T.

The effect of insulin on the transport of sodium and potassium in rat soleus muscle.

Biosynthesis of type I and III collagens by cultured smooth muscle cells from human aorta.

Stimulation of guanylate cyclase by sodium nitroprusside, nitroglycerin and nitric oxide in various tissue preparations and comparison to the effects of sodium azide and hydroxylamine.

Isolation of type III collagen from human adult parenchymal lung tissue.

Influence of carbohydrates on quantitative aspects of growth and embryo formation in wild carrot suspension cultures.

Synthesis of two collagen types by embryonic chick corneal epithelium in vitro.

A region of the troponin C molecule involved in interaction with troponin I [proceedings].

Normal newborn and adult human lung collagen--analysis of types.

Extramitochondrial protein synthesis in calf brain synaptosomes.

Studies on the mechanism of renal transport depression caused by pretreatment with 2,4,5-trichlorophenoxyacetate.

Hypoxic protection in paraquat poisoning.

Paraquat poisoning: new aspects of therapy.

Tumorigenic effect of 3-amino-1H-1,2,4-triazole on rat thyroid.

[Chloracne, porphyria cutanea tarda, and other poisonings due to the herbicides].

The increasing use of paraquat as a suicidal agent.

Paraquat accumulation: tissue and species specificity.

[Myotonia].

On the turnover and proteolysis of catalase in tissues of the guinea pig and acatalasemic mice.

Biologic activity of two derivatives and six possible metabolites of cyclophosphamide (NSC-26271).

Sequential histopathologic, hematologic, and blood chemistry changes induced in mice by a technical and a purified preparation of 2,4,5-trichlorophenoxyacetic acid.

Biochemical pathology of lung damage produced by chemicals.

Oxygen delivery in perfused rat kidney: NADH fluorescence and renal functional state.

Metabolism of 2,4-dichlorophenoxyacetic acid. 10. Identification of metabolites in rice root callus tissue cultures.

Distribution and cytogenetic test of 2,4-D and 2,4,5-T phenoxyacetic acids in mouse blood tissues.

Residues of atrazine (2-chloro-4-ethylamino-6-isopropylamino-s-triazine) and its metabolites in chicken tissues.

[Model experiments in pheasants with 1 insecticide (Lindane), 1 herbicide (Terbutryn), 1 mineral fertilizer (calcium ammonium salpeter) and 1 fungicide (HEC). V. Sensitivity of various serum enzymes for detection of organ damage following pesticide load. Residues in liver, adipose- and muscular tissue].

Evaluation of redox state of isolated perfused rat lung.

Studies on the toxicology of hexachlorobenzene. II. Identification and determination of metabolites.

In vitro uptake of organic ions by renal cortical tissue of rats treated acutely with 2,4,5-trichlorophenoxyacetic acid.

A study of the inhalation of pentachlorophenol by rats. Part I. A method for the determination of pentachlorophenol in rat plasma, urine and tissue and in aerosol samples.

Tissue localization of some teratogens at early and late gestation related to fetal effects.

Some aspects of the mode of action and metabolism of orthonil in plants.

High uptake in the erythrocytes and the spleen of the quaternary dipyridylum salt paraquat injected intravenously in hypotonic solutions.

Calcium transport during skeletogenesis in hermatypic corals.

Binding of organic compounds to rat liver and lung.

Human lymphocyte motility: normal characteristics and anomalous behavior of chronic lymphocytic leukemia cells.

An ultramicroscopic study on rigor mortis.

The effects of iron deficiency on the respiratory function and cytochrome content of rat heart mitochondria.

Preparation of intact monomeric collagen from rat tail tendon and skin and the structure of the nonhelical ends in solution.

Biochemical characterization of collagens synthesized by fibroblasts derived from normal and diseased human gingiva.

Neuromuscular disorder associated with a defect in mitochondrial energy supply.

[Study by gel electrophoresis, of alpha chains and of CNBr peptides of collagen from epiphyseal cartilage in chondrodysplasia].

Collagen polymorphism in idiopathic chronic pulmonary fibrosis.

Effects of anoxia and metabolic inhibitors on reaction of the fast sodium system.

[The dynamics of changes in oxygen tension, circulatory rats, muscular and rectal temperatures in dinitrophenol hyperthermia].

[Pharmacological studies on basic ethers (R111 and R97) with antispasmodic activity].

Characterization of amyloid fibril proteins from medullary carcinoma of the thyroid.

Luft's disease. Further biochemical and ultrastructural studies of skeletal muscle in the second case.

[Influence of uncoupling agents on the capacity of transaminase in kidney and pancreas].

Elastin structure in health and disease.

Properties of Fcγ receptors in normal and malignant human tissues.

Appearance of magnesium guanylate cyclase activity in rat liver with sodium azide activation.

Effects of metabolic inhibitors and ouabain on static afferent discharges from the isolated frog muscle spindle.

Synthesis of type II collagen in vitro by embryonic chick neural retina tissue.

Tissue factor in cultured cells: metabolic control.

The amino acid sequence of rabbit cardiac troponin I.

Perinatal development of conjugative enzyme systems.

Ca²⁺ -uptake into noradrenaline-storing granules of bovine splenic nerves.

Characterization of procollagen synthesized by matrix-free cells isolated from chick embryo tendons.

Toxicity of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in larval and adult forms of *Rana catesbeiana*.

Pentose cycle activity of the isolated perfused rat lung.

The amino acid sequence of troponin C from chicken skeletal muscle.

[Effect of various metabolic poisons on the nature of contraction of the straight muscle of the abdomen of frog].

Adenosine triphosphate - dependent calcium binding and accumulation by guinea pig cardiac sarcolemma.

Nuclear stains with soluble metachrome metal mordant dye lakes. The effect of chemical endgroup blocking reactions and the artificial introduction of acid groups into tissues.

CYTOTOXIC EFFECTS OF THE HERBICIDE 3-AMINO-1,2,4-TRIAZOLE ON DAPHNIA PULEX (CRUSTACEA:CLADOCERA).

Hepatic and extrahepatic metabolism of ¹⁴C-styrene oxide.

The relation between Z--disk lattice spacing and sarcomere length in sartorius muscle fibres from *Hyla cerulea*.

Isolation of a crosslinked cyanogen-bromide peptide from insoluble rabbit collagen. Tissue differences in hydroxylation and glycosylation of the crosslink.

Isolation and initial characterization of glial fibrillary acidic protein from chicken, turtle, frog and fish central nervous systems.

Isolation of calcium pump system and purification of calcium ion-dependent ATPase from heart muscle.

Use of preformed cell aggregates and layers to measure tissue-specific differences in intercellular adhesion.

[Absorption, distribution, excretion and metabolism of a basic ether compound (R97) with antispasmodic activity].

[Changes in the primary structure of rabbit muscle aldolase under the influence of valine against a background of prolonged fasting].

The effect of catecholamines on the influx of calcium and the development of tension in denervated mouse diaphragm muscle.

Stimulation of rat lung metabolism with 2,4-dinitrophenol and phenazine methosulfate.

Mechanism and site of small intestinal uptake of vitamin D₃ in pharmacological concentrations.

Properties of the guanylate cyclase-guanosine 3':5'-monophosphate system of rat renal cortex. Activation of guanylate cyclase and calcium-independent modulation of tissue guanosine 3':5'-monophosphate by sodium azide.

[Effect of thyroxine and 2,4-dinitrophenol on cardiac energetics].

A morphometric and biochemical investigation of the vesiculation of kidney microvilli.

Distribution of a lanthanide (¹⁴⁷Pm) in vascular smooth muscle.

Compartmentalization and movement of calcium in the thyroid.

Comparison of uptake and binding of disodium cromoglycate and phenol red in rat lung.

Collagen-and collagen peptide-induced chemotaxis of human blood monocytes.

Amino-acid sequence of tropomyosin-binding component of rabbit skeletal muscle troponin.

Reaction of rat molar pulp tissue to Formocresol, formaldehyde, and cresol.

Characterization of cardiac sarcoplasmic reticulum ATP-ADP phosphate exchange and phosphorylation of the calcium transport adenosine triphosphatase.

Regulatory characteristics of amino acid transport in newborn rat renal cortex cells.

Potassium induced potential changes in rat diaphragm muscle.

Determination of the complete amino acid sequence of bovine cardiac troponin C.

Cytochemical localization of endogenous peroxidase activity in renal medullary collecting tubules and papillary mucosa of the rat.

Aspects of intestinal folate transport in the rat.

Renal handling of phenol red. II. The mechanism of substituted phenolsulphophthalein (PSP) dye transport in rabbit kidney tubules in vitro.

Transport of organic cations and anions by choroid plexus.

[Dinitroorthocresol dissociation of oxidative phosphorylation in the rat liver perfused in situ].

Afferent neural pathway in the regulation of cardiopulmonary responses to tissue hypermetabolism.

Active transport of phenol red by rat lung slices.

A complex of cardiac cytochrome c1 and cytochrome c.

Human heart and platelet actins are products of different genes.

Valinomycin inhibition of the inward slow current of cardiac muscle.

The cyanogen bromide peptides of bovine soluble and insoluble collagens. II. Tissue specific cross-linked peptides of insoluble skin and dentin collagen.

[Paraquat : embryonic mortality and effects on pulmonary apparatus of chick and quail embryos].

Dinitramine: residues in and toxicity to freshwater fish.

Metabolism of 2,4-dichlorophenoxyacetic acid. VII. Comparison of metabolites from five species of plant tissue cultures.

Effect of asulam in wildlife specie residues and toxicity in bobwhite quail after prolonged exposure.

The dynamics of diquat in a model eco-system.

Aplastic anaemia after exposure to a weed killer, 2-methyl-4-chlorphenoxyacetic acid.

Metabolism of (4-¹⁴C)estradiol by 7,12-dimethylbenz(a) anthracene-induced mammary tumor peroxidase.

Pulmonary effects of paraquat in the first day after injection.

Effect of injection of nuclear fraction from Rhodamine sarcoma on turnover of liver catalase.

Experimental myopathies and muscular dystrophy. Studies in the formal pathogenesis of the myopathy of 2,4-dichlorophenoxyacetate.

Electron paramagnetic resonance spectra of catalase in mammalian tissues.

Fixation of foetal pig liver for electron microscopy. I. The effect of various aldehyds and of delayed fixation.

Blockade by metal complexing agents and by catalase of the effects of arachidonic acid on platelets: relevance to the study of anti-inflammatory mechanisms.

Fine structural and cytochemical identification of microperoxisomes in developing human erythrocytic cells.

Residues of chlorophenoxy acid herbicides and their phenolic metabolites in tissues of sheep and cattle.

The influence of non-cytotoxic concentrations of the herbicide 2,4-dichlorophenoxyacetic acid on the DNA synthesis in cultured vertebrate cells.

The metabolism of Diquat in hens and residues in eggs and tissues.

Isolation and characterization of CNBr peptides of human (alpha 1 (III))3 collagen and tissue distribution of (alpha 1 (I))2 alpha 2 and (alpha 1 (III))3 collagens.

Energy-dependent calcium uptake activity of microsomes from the aorta of normal and hypertensive rats.

Tritiated methylmercury in the brain of squirrel monkeys.

Experimental mitochondrial myopathy produced by in vivo uncoupling of oxidative phosphorylation.

Tissue distribution, excretion and biological effects of [14C]tetrachlorodibenzo-p-dioxin in rats.

Effects in mice of high and low environmental temperature on the maternal and fetal toxicity of 2-sec-butyl-4,6-dinitrophenol (dinoseb) and on disposition of [14C]-dinoseb(12).

Antibody-induced redistribution of CEA on the cell surface: utilization in separation of CEA and isoantigen A.

Isothiocyanates. A new class of uncouplers.

A chemosterilized antigen-extracted autodigested alloimplant for bone banks.

Patients with Ehlers-Danlos syndrome type IV lack type III collagen.

A model of age-dependent tissue calcification based on 2,4-Dinitrophenol induced deposition of calcium in earcartilage.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on mammalian cells in tissue cultures.

Comparison of the cyanogen bromide peptides of insoluble guinea-pig skin and scar collagen.

Impairment of mitochondrial function following reperfusion of acutely ischemic myocardium.

Cardiac metabolism and electromechanics of human heart.

Antigenic activity, in humans, of purified low molecular weight fractions of timothy pollen.

A further investigation into the energy dependence of angiotensin II-induced contractions of isolated smooth muscle preparations.

Oxidative phosphorylation in the skeletal muscles of rabbits during dinitrophenol hyperthermia.

[Utilization of luminescent monospecific sera against human immunoglobulins G, A and M for diagnostic purposes].

Type III collagen: A major constituent of rheumatoid and normal human synovial membrane.

Role of mitochondrial calcium transport in failing heart.

A correlative study of the experimental cardiac dynamics and myocardial energy metabolism.

Cyanogen bromide fragments of the cardiac I light chain from bovine myosin: evidence for sequence homology with rabbit skeletal myosin alkali light chains.

The involvement of receptor sulphhydryl groups in the binding of steroids to the cytoplasmic glucocorticoid receptor from rat thymus.

Loss of alpha-bungarotoxin from junctional and extrajunctional acetylcholine receptors in rat diaphragm muscle in vivo and in organ culture.

Metabolic inhibition and adrenoceptor interconversion.

Activation of guanylate cyclase from rat liver and other tissues by sodium azide.

Mechanism of sulfate transport inhibition by cycloheximide in plant tissues.

The primary structure of troponin T and the interaction with tropomyosin.

Characteristics of sodium and potassium transport in the lung.

The regulation of respiration of guinea pig taenia coli in high-K medium: the role of nicotinamide-adenine dinucleotide, adenosine diphosphate and Ca^{++} .

Oxygen and cyclic nucleotides in human umbilical artery.

Chick muscle in tissue culture: the ubiquity of viral infection.

Non-dependence on native structure of pig liver pyruvate kinase when used as a substrate for cyclic 3',5'-AMP-stimulated protein kinase.

The amino acid sequence of myoglobin from skeletal muscles of red deer (*Cervus elaphus*).

Proceedings: Some effects of 2,4-dinitrophenol (2,4-DNP) on the electrical properties of the frog skeletal muscle membrane.

The primary structure of actin from rabbit skeletal muscle. Completion and analysis of the amino acid sequence.

The primary structure of actin from rabbit skeletal muscle. Five cyanogen bromide peptides, including the NH₂ and COOH termini.

Structural studies on rabbit skeletal muscle actin. Ordering of the peptides produced by cleavage with cyanogen bromide.

The primary structure of actin from rabbit skeletal muscle. Three cyanogen bromide peptides that are insoluble at neutral pH.

Age-related changes in aldehyde location on rat tail tendon collagen.

The amino acid sequence of troponin I from rabbit skeletal muscle.

Purification and analysis of the cyanogen bromide peptides of troponin T from rabbit skeletal muscle.

Stepwise reduction of cytochromes b-562, b-566 and b-558 in rat liver mitochondria.

The transport of gentamicin in the choroid plexus and cerebrospinal fluid.

Mitochondrial ATP-Pi exchange complex and the site of uncoupling of oxidative phosphorylation.

Structural studies on fructose- 1,6-bisphosphatases from rabbit liver, kidney, and muscle.

Bovine adrenal medullary chromogranin A: studies on the structure and further evidence for identity with dopamine-beta-hydroxylase subunit.

[Catecholamine content and electrolyte balance of the rabbit myocardium during poisoning with 2,4-dinitrophenol].

Effect of anaerobiosis, dinitrophenol and fluoride on the active intestinal transport of galactose in snail.

Mechanism and site of small intestinal absorption of alpha-tocopherol in the rat.

[A change in the phases of the receptor potential of isolated frog muscle spindles under the influence of dinitrophenol].

Metabolism of resorcinolic compounds by bacteria. Purification and properties of orcinol hydroxylase from *Pseudomonas putida* 01.

Tissue distribution and excretion of octachlorodibenzo-rho-dioxin in the rat.

The methionine-containing subfraction of F1 histone from rat tissues.

Clinico-pathological observations on paramonochlorophenol compounds in endodontics. Part 2. Result of application to the wound after vital pulpectomy.

Acetylcholine receptor turnover in membranes of developing muscle fibers.

Amino acid sequence of 37 residues surrounding Nxi-pyridoxyllysine in mitochondrial aspartate aminotransferase.

Amino-acid sequence of parvalbumin from rabbit skeletal muscle.

Ion transport across the excised bullfrog lung.

Glial fibrillary acidic protein from normal and gliosed human brain. Demonstration of multiple related polypeptides.

Regulation of pyruvate dehydrogenase in isolated rat liver mitochondria. Effects of octanoate, oxidation-reduction state, and adenosine triphosphate to adenosine diphosphate ratio.

Human, rat and mouse liver-mediated mutagenicity of vinyl chloride in *S. typhimurium* strains.

[Primary structure of cytoplasmic aspartate aminotransferase from pig heart muscle. Amino acid sequence of peptides from cyanogen bromide hydrolysate].

Studies on the biosynthesis of isocoumarins in carrot root tissues : induction by substances other than ethylene and effects of metabolic inhibitors.

Induction and suppression of hepatic and extrahepatic microsomal foreign-compound-metabolizing enzyme systems by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Demonstration of a unique antigenic specificity for the collagen alpha1 (II) chain from cartilaginous tissue.

The amino acid sequence of rabbit muscle triose phosphate isomerase.

Brain concentration of propranolol in relation to hypotensive effect in the rabbit with observations on brain propranolol levels in man.

The relationship between the transport of glucose and cations across cell membranes in isolated tissues. IX. The role of cellular calcium in the activation of the glucose transport system in rat soleus muscle.

Microbodies and an anomalous "microcylinder" in the ultrastructure of plants with Crassulacean acid metabolism.

Effects of magnesium ion and temperature on the phasic and tonic contractions of the potassium contracture in the pregnant rat myometrium.

The effect of beta-bromopyruvic acid on fructose-1, 6-diphosphate aldolase from rabbit muscle.

Phosphoprotein formation and ADP-ATP exchange of cardiac sarcoplasmic reticulum.

The influence of metabolic inhibitors upon the transmembrane slow inward current in the mammalian ventricular myocardium.

Electrolyte- and fluid-spaces of rat brain in situ after infusion with dinitrophenol.

Studies on the structure of rabbit muscle aldolase. Determination of the primary structure of the COOH-terminal BrCN peptide; the complete sequence of the subunit polypeptide chain.

Studies on the structure of rabbit muscle aldolase. Ordering of the tryptic peptides; sequence of 164 amino acid residues in the NH₂-terminal BrCN peptide.

Studies on the structure of rabbit muscle aldolase. Isolation and sequence analysis of the tryptic peptides derived from the NH₂-terminal BrCN peptide.

Studies on the structure of rabbit muscle aldolase. Amino acid sequence of cysteine-containing peptides.

Paraquat lung: a reappraisal.

[Alveolitis and pulmonary fibrosis--an attempt at a synopsis].

Studies on the mechanism of the lung toxicity of paraquat: comparison of tissue distribution and some biochemical parameters in rats and rabbits.

[Dynamics of changes in the immune structure of the lymphatic follicles of the spleen in pesticide poisoning].

Studies on the effects of paraquat and diquat on cells in culture. Viability of macrophages and fibroblasts incubated with paraquat and diquat.

[Problem of studying the pathogenic effect of environmental chemical substances on the body].

Effects of phenoxyacetic acids on rat liver tissues.

Effects of acetaldehyde, propionaldehyde, formaldehyde and acrolein on contractility, ¹⁴C-norepinephrine and ⁴⁵calcium binding in isolated smooth muscle.

Isolation and identification of propham (isopropyl carbanilate) metabolites from animal tissues and milk.

[Intensity of the transamination from aspartate to alpha-ketoglutarate in rat tissues under the influence of 2-methyl-4-chlorophenoxy-gamma-butyric acid].

Glycol methacrylate embedding in enzyme histochemistry: application to arthropod tissue incubated for demonstration of unspecific esterase and succinic dehydrogenase activity.

Characterization and localization of mitochondrial uncoupler binding sites with an uncoupler capable of photoaffinity labeling.

Metabolism of the herbicide methazole (2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione) in rats.

Polyester wax processing of tissues: some new techniques and detailed procedures.

Freeze-fracture studies of photosynthetically deficient "supergranal" chloroplasts in tissue cultures containing virus-like particles.

The preparation and purification of HL-A monospecific antigens using platelets and various lymphoid sources.

[Oxidative phosphorylation in the skeletal muscles of rabbits in the dynamics of dinitrophenol hyperthermia].

The use of immunoadsorbent columns for the isolation of antibodies specific for antigens associated with human bronchogenic carcinoma.

The complete amino-acid sequence of non-immunoglobulin amyloid fibril protein AS in rheumatoid arthritis.

Proteins of the periodontium. Biochemical studies on the collagen and noncollagenous proteins of human gingivae.

Evidence for a common synthetic origin for secretory and serum IgA.

The incidence and antigenic specificity of antibodies against denatured human collagen in rheumatoid arthritis.

The effect of tonicity and metabolic inhibitors on respiration and ripening of avocado fruit slices.

Evidence for active Phloem loading in the minor veins of sugar beet.

The subunit structure of human muscle and human erythrocyte pyruvate kinase isozymes.

Homology of the primary structures of cytoplasmic and mitochondrial aspartate aminotransferases from pig heart.

Allergens of mammalian origin. III. Properties of a major feline allergen.

Phosphate absorption rates and adenosine 5'-triphosphate concentrations in corn root tissue.

Effect of 2,4-Dinitrophenol on Auxin-induced Ethylene Production and Auxin Conjugation by Mung Bean Tissue.

Characterization of cadmium uptake by plant tissue.

Simultaneous analysis of 2,3,4,6-tetrachloroanisole, pentachloroanisole and the corresponding chlorophenols in biological tissue.

The phosphorylation sites of troponin I from white skeletal muscle of the rabbit.

The amino acid sequences of the phosphorylated sites in troponin-I from rabbit skeletal muscle.

Regulation of organogenesis in small explants of superficial tissue of *Nicotiana tabacum* L.

On facilitation of transmitter release at the toad neuromuscular junction.

The amino-acid sequence of the alkali light chains of rabbit skeletal-muscle myosin.

Homology of myosin light chains, troponin-C and parvalbumins deduced from comparison of their amino acid sequences.

Primary structure of lobster-muscle arginine kinase. Isolation and characterization of the fragments produced by cyanogen-bromide cleavage.

Isolation and purification of the cyanogen bromide fragments from troponin I.

Characterization of cardiac muscle collagen. Molecular heterogeneity.

The accumulation of adenosine in rabbit intestinal muscle.

A new method of preparation of troponin I (inhibitory protein) using affinity chromatography. Evidence for three different forms of troponin I in striated muscle.

The amino-acid sequence of sarcine adenylate kinase from skeletal muscle.

Residual bromide in tissues of rats fed methyl bromide fumigated diets.

Fluxes of a nonelectrolyte and compartmentation in cells of carrot root tissue.

The Biosynthesis of delta-Aminolevulinic Acid in Higher Plants: I. Accumulation of delta-Aminolevulinic Acid in Greening Plant Tissues.

[Effect of noradrenaline and 2,4-dinitrophenol on the energetics of muscle contraction].

The distribution of delta, delta'-dihydroxylysine in bovine tendon and dentin.

[Effect of dinitrophenol on the spontaneous impulse activity of frog isolated muscle spindle].

Table 2A-9 – Titles of Pubmed Records Related to Eye Adverse Events Following Herbicide Exposure

BLINDNESS; *CHOROID*; *CORNEA*; *EPITHELIOPATHY*; * EYE *; *MACULA*; *MYDRIASIS*; *MYOPIA*; *OCULAR*; *OCULO*; *OPHTHAL*; *OPTIC*; *PHOTOP*; *PTOSIS*; *RETIN*; *SCLERITIS*; *UVEITIS*; *VISUAL ACUITY*; *WHITE DOT SYNDROME*; EYE (4379)

Adverse effects of 2,4-D dimethylammonium based-herbicide on Acetylcholinesterase expression in Nile tilapia (*Oreochromis niloticus*).

Effects of atrazine and curcumin exposure on TCMK-1 cells: Oxidative damage, pyroptosis and cell cycle arrest.

Biological-based techniques for real-time water-quality studies: Assessment of non-invasive (swimming consistency and respiration) and toxicity (antioxidants) biomarkers of zebrafish.

Prometryn exposure disrupts the intestinal health of *Eriocheir sinensis*: Physiological responses and underlying mechanism.

Impact of exposure to glyphosate-based herbicide on morphological and physiological parameters in embryonic and larval development of zebrafish.

Mitochondrial reactive oxygen species initiate gasdermin D-mediated pyroptosis and contribute to paraquat-induced nephrotoxicity.

Regulation of NCOA4-mediated iron recycling ameliorates paraquat-induced lung injury by inhibiting ferroptosis.

Melatonin inhibits atrazine-induced mitochondrial impairment in cerebellum of mice: Modulation of cGAS-STING-NLRP3 axis-dependent cell pyroptosis.

MicroRNA-217-5p triggers dopaminergic neuronal degeneration via autophagy activation under Atrazine exposure.

Ferulic acid grafted into β -cyclodextrin nanosponges ameliorates Paraquat-induced human MRC-5 fibroblast injury.

Paraquat and Parkinson's Disease: The Molecular Crosstalk of Upstream Signal Transduction Pathways Leading to Apoptosis.

Atrazine exposure promotes cardiomyocyte pyroptosis to exacerbate cardiotoxicity by activating NF- κ B pathway.

A trinuclear Zn (II) schiff base dicyanamide complex attenuates bacterial biofilm formation by ROS generation and membrane damage and exhibits anticancer activity.

Synthesis, Characterization, Antioxidant, and Anticancer Activity against Colon Cancer Cells of Some Cinnamaldehyde-Based Chalcone Derivatives.

Curcumin alleviates atrazine-induced cardiotoxicity by inhibiting endoplasmic reticulum stress-mediated apoptosis in mice through ATF6/Chop/Bcl-2 signaling pathway.

Autophagy mediated FTH1 degradation activates gasdermin E dependent pyroptosis contributing to diquat induced kidney injury.

Flow cytometric assessments of metabolic activity in bacterial assemblages provide insight into ecosystem condition along the Buffalo National River, Arkansas.

Cinnamaldehyde protects cardiomyocytes from oxygen-glucose deprivation/reoxygenation-induced lipid peroxidation and DNA damage via activating the Nrf2 pathway.

Grape seed-derived procyanidin inhibits glyphosate-induced hepatocyte ferroptosis via enhancing crosstalk between Nrf2 and FGF12.

Forensic significance of Roundup Full[®] II effect on the development of *Dermestes maculatus* (Coleoptera: Dermestidae) and *Lucilia sericata* (Diptera: Calliphoridae).

Proteomic insight towards key modulating proteins regulated by the aryl hydrocarbon receptor involved in ovarian carcinogenesis and chemoresistance.

A regulatory module comprising G3BP1-FBXL5-IRP2 axis determines sodium arsenite-induced ferroptosis.

Upregulated LncRNA-Meg3 modulates the proliferation and survival of MEPM cells via interacting with Smad signaling in TCDD-induced cleft palate.

Baicalin and lung diseases.

Investigation of the activity of a novel tropolone in osteosarcoma.

m-Cresol, a pesticide intermediate, induces hepatotoxicity and behavioral abnormalities in zebrafish larvae through oxidative stress, apoptosis.

Synthetic GPR40/FFAR1 agonists: An exhaustive survey on the most recent chemical classes and their structure-activity relationships.

Glufosinate-ammonium causes liver injury in zebrafish by blocking the Nrf2 pathway.

Meptyldinocap induces implantation failure by forcing cell cycle arrest, mitochondrial dysfunction, and endoplasmic reticulum stress in porcine trophectoderm and endometrial luminal epithelial cells.

Effect of forchlorfenuron and thidiazuron on kiwifruits' internal qualities, optical properties and their relationship during growth.

Combined toxic effects of polystyrene microplastics and 3,6-dibromocarbazole on zebrafish (*Danio rerio*) embryos.

Gut microbiota disorders aggravate terbuthylazine-induced mitochondrial quality control disturbance and PANoptosis in chicken hepatocyte through gut-liver axis.

Synergistic effect of spermidine and ciprofloxacin against Alzheimer's disease in male rat via ferroptosis modulation.

Co-exposure to pentachlorophenol (PCP) and cadmium (Cd) triggers apoptosis-like cell death in *Escherichia coli*.

Stereoselective toxicity of acetochlor chiral isomers on the nervous system of zebrafish larvae.

Roles of oxidative stress/JNK/ERK signals in paraquat-triggered hepatic apoptosis.

Similar toxicity potential of glyphosate and glyphosate-based herbicide on cerebellar development after maternal exposure in rats.

Immunocytochemical Analysis of Crocin against Oxidative Stress in Trigeminal Sensory Neurons Innervating the Cornea.

Fluorochloridone induces mitochondrial dysfunction and apoptosis in primary goat Sertoli cells.

Salvianolic acid A attenuates arsenic-induced ferroptosis and kidney injury via HIF-2 β /DUOX1/GPX4 and iron homeostasis.

Effect of Picloram and Desiccation on the Somatic Embryogenesis of *Lycium barbarum* L.

Zingerone attenuates sciatic nerve damage caused by sodium arsenite by inhibiting NF- κ B, caspase-3, and ATF-6/CHOP pathways and activating the Akt2/FOXO1 pathway.

Impact of Nicosulfuron on Sperm Quality: Insights into Testicular Cell Apoptosis and NF- κ B Signaling Pathway in Mice Testes.

Impaired Detoxification of Trans, Trans-2,4-Decadienal, an Oxidation Product from Omega-6 Fatty Acids, Alters Insulin Signaling, Gluconeogenesis and Promotes Microvascular Disease.

Ni/Co/Carbon nitride derived from ZIF-67 (MOF) nanocomposite: Enhanced light-driven photocatalytic degradation of methylparaben, mechanism & toxicity.

Persistent Neutrophil Infiltration and Unique Ocular Surface Microbiome Typify Dupilumab-Associated Conjunctivitis in Patients with Atopic Dermatitis.

Effect of WISP1 on paraquat-induced EMT.

Abnormalities of serum lipid metabolism in patients with acute paraquat poisoning caused by ferroptosis.

Molecular mechanism of paraquat-induced ferroptosis leading to pulmonary fibrosis mediated by Keap1/Nrf2 signaling pathway.

The mechanism of acrolein exposure inhibited the release of neutrophil extracellular traps: By reducing respiratory burst and Raf/MEK/ERK pathway and promote cell apoptosis.

Toxic effects of benfluralin on zebrafish embryogenesis via the accumulation of reactive oxygen species and apoptosis.

Zinc Oxide Nanoparticles and Vitamin C Ameliorate Atrazine-Induced Hepatic Apoptosis in Rat via CYP450s/ROS Pathway and Immunomodulation.

Astaxanthin ameliorates dopaminergic neuron damage in paraquat-induced SH-SY5Y cells and mouse models of Parkinson's disease.

Paraquat-induced ferroptosis suppression via NRF2 expression regulation.

Microglia-derived exosomal circZNF1 alleviates paraquat-induced neuronal cell damage via miR-17-5p.

Responses to herbicides of Arctic and temperate microalgae grown under different light intensities.

Acrolein Induces Retinal Abnormalities of Alzheimer's Disease in Mice.

Toxicological effects of ocular acrolein exposure to eyelids in rabbits in vivo.

Single and Combined Effects of Chlorpyrifos and Glyphosate on the Brain of Common Carp: Based on Biochemical and Molecular Perspective.

Subacute exposure to Roundup® changes steroidogenesis and gene expression of the glutathione-glutaredoxin system in rat ovaries: Implications for ovarian toxicity of this glyphosate-based herbicide.

Synergistic toxicity of 2,4-dichlorophenoxyacetic acid and arsenic alters biomarkers in rats.

Upregulation of mitochondrial calcium uniporter contributes to paraquat-induced neuropathology linked to Parkinson's disease via imbalanced OPA1 processing.

The role of acrolein for E-cigarette vapour condensate mediated activation of NADPH oxidase in cultured endothelial cells and macrophages.

Tolerance of microorganisms to residual herbicides found in eucalyptus plantations.

Cannabidiol Protects Dopaminergic-like Neurons against Paraquat- and Maneb-Induced Cell Death through Safeguarding DJ-1/CYS(106) and Caspase 3 Independently of Cannabinoid Receptors: Relevance in Parkinson's Disease.

[Experimental study on the toxicokinetics and gastrointestinal damage in rats poisoned with acute diquat poisoning at different exposure doses].

A 90-day rodent feeding study with grain for genetically modified maize L4 conferring insect resistance and glyphosate tolerance.

Therapeutic potential of amitriptyline for paraquat-induced pulmonary fibrosis: Involvement of caveolin-1-mediated anti-epithelial-mesenchymal transition and inhibition of apoptosis.

Lycopene ameliorates atrazine-induced spatial learning and memory impairments by inhibiting ferroptosis in the hippocampus of mice.

A novel mechanism of Dimethyl ester of Alpha-ketoglutarate in suppressing Paraquat-induced BEAS-2B cell injury by alleviating GSDME dependent pyroptosis.

Tannin alleviates glyphosate exposure-induced apoptosis, necrosis and immune dysfunction in hepatic L8824 cell line by inhibiting ROS/PTEN/PI3K/AKT pathway.

Exposure to the herbicide fluridone induces cardiovascular toxicity in early developmental stages of zebrafish.

Perinatal exposure to high concentration glyphosate-based herbicides induces intestinal apoptosis by activating endoplasmic reticulum stress in offspring.

Photodegradation of the Novel Herbicide Pyraquinat in Aqueous Solution: Kinetics, Photoproducts, Mechanisms, and Toxicity Assessment.

Cyhalofop-butyl exposure induces the severe hepatotoxicity and immunotoxicity in zebrafish embryos.

Toxicity of herbicide glyphosate to planarian *Dugesia japonica* and its potential molecular mechanisms.

Maternal exposure to a glyphosate-based herbicide impairs placental development through endoplasmic reticulum stress in mice.

Tripterygium wilfordii Hook.f. ameliorates paraquat-induced lung injury by reducing oxidative stress and ferroptosis via Nrf2/HO-1 pathway.

Glyphosate-triggered hepatocyte ferroptosis via suppressing Nrf2/GSH/GPX4 axis exacerbates hepatotoxicity.

Atrazine modifies markers of melanocyte maturation and apoptosis in primary skin cultures.

Chitooligosaccharides Derivatives Protect ARPE-19 Cells against Acrolein-Induced Oxidative Injury.

Water quality criteria derivation and tiered ecological risk evaluation of antifouling biocides in marine environment.

Mitigating effect of L-carnitine against atrazine-induced hepatotoxicity: histopathological and biochemical analyses in albino rats.

Pterostilbene Confers Protection against Diquat-Induced Intestinal Damage with Potential Regulation of Redox Status and Ferroptosis in Broiler Chickens.

Global warming and glyphosate toxicity (II): Offspring zebrafish modelling with behavioral, morphological and immunohistochemical approaches.

Treatment with paraquat affects the expression of ferroptosis-related genes.

Paraquat induces different programmed cell death patterns in *Microcystis aeruginosa* and *Chlorella luteoviridis*.

Comparison of the effect of glyphosate and glyphosate-based herbicide on hippocampal neurogenesis after developmental exposure in rats.

Cryptotanshinone protects against oxidative stress in the paraquat-induced Parkinson's disease model.

Synergistic toxicity of ethanol and 2,4-dichlorophenoxyacetic acid enhances oxidant status, DNA damage, inflammation, and apoptosis in rats.

Suppressor of cytokine signaling 3-derived peptide as a therapeutic for inflammatory and oxidative stress-induced damage to the retina.

A mass event of paraquat poisoning via inhalation.

Subchronic feeding study of glyphosate-tolerant maize GG2 with the *gr79-epsps* and *gat* genes in Wistar Han RCC rats.

Evaluating the Anti-Melanoma Effects and Toxicity of Cinnamaldehyde Analogues.

Activatable Semiconducting Polymer Nanoinducers Amplify Oxidative Damage via Sono-Ferroptosis for Synergistic Therapy of Bone Metastasis.

Exposure to environmental concentrations of glyphosate induces cardiotoxicity through cellular senescence and reduced cell proliferation capacity.

Soluble thrombomodulin alleviates Diquat-induced acute kidney injury by inhibiting the HMGB1/ $\text{I}\beta\text{1}$ /NF- κB signalling pathway.

TRPA1 deficiency aggravates dilated cardiomyopathy by promoting S100A8 expression to induce M1 macrophage polarization in rats.

Sensitization of GSH synthesis by curcumin curtails acrolein-induced alveolar epithelial apoptosis via Keap1 cysteine conjugation: A randomized controlled trial and experimental animal model of pneumonitis.

Snake venom nerve growth factor-inspired designing of novel peptide therapeutics for the prevention of paraquat-induced apoptosis, neurodegeneration, and alteration of metabolic pathway genes in the rat pheochromocytoma PC-12 cell.

Sodium arsenite and dimethylarsenic acid induces apoptosis in OC3 oral cavity cancer cells.

Ethalfuralin induces developmental toxicity in zebrafish via oxidative stress and inflammation.

Polyamine-Derived Aminoaldehydes and Acrolein: Cytotoxicity, Reactivity and Analysis of the Induced Protein Modifications.

Roundup® disrupts tissue architecture, attenuates $\text{Na}^{+}/\text{K}^{+}$ -ATPase expression, and induces protein oxidation/nitration, cellular apoptosis, and antioxidant enzyme expressions in the gills of goldfish, *Carassius auratus*.

Teratogenic effects of the dicamba herbicide in Zebrafish (*Danio rerio*) embryos.

Disruption of oogenesis and molting by methoprene and glyphosate in *Gammarus fossarum*: involvement of retinoic acid?

Application of Highly Sensitive Immunosensor Based on Optical Waveguide Light-Mode Spectroscopy (OWLS) Technique for the Detection of the Herbicide Active Ingredient Glyphosate.

Glyphosate without Co-formulants affects embryonic development of the south african clawed frog *Xenopus laevis*.

Universal and rapid detection of atrazine and bisphenol A using a reusable optical fiber chemiluminescent biosensor.

Molecular and behavioral toxicity assessment of tiafenacil, a novel PPO-inhibiting herbicide, in zebrafish embryos/larvae.

The retinoid metabolism of *Gammarus fossarum* is disrupted by exogenous all-trans retinoic acid, citral, and methoprene but not by the technical formulation of glyphosate.

Catalytic electrodes' characterization study serving polluted water treatment: environmental healthcare and ecological risk assessment.

m(6)A methylation-mediated PGC-1 β contributes to ferroptosis via regulating GSTK1 in arsenic-induced hepatic insulin resistance.

Kynurenine attenuates mitochondrial depolarization and neuronal cell death induced by rotenone exposure independently of AhR-mediated parkin induction in SH-SY5Y differentiated cells.

Oxidative stress contributes to flumioxazin-induced cardiotoxicity in zebrafish embryos.

Metformin alleviates sodium arsenite-induced hepatotoxicity and glucose intolerance in mice by suppressing oxidative stress, inflammation, and apoptosis.

Copper-Loaded Nanoheterojunction Enables Superb Orthotopic Osteosarcoma Therapy via Oxidative Stress and Cell Cuproptosis.

Phloretin as an add-on therapy to losartan attenuates diabetes-induced AKI in rats: A potential therapeutic approach targeting TLR4-induced inflammation.

A Novel Quinazoline Derivative Prevents and Treats Arsenic-Induced Liver Injury by Regulating the Expression of RecQ Family Helicase.

A *Cryptosporidium parvum* vaccine candidate effect on immunohistochemical profiling of CD4(+), CD8(+), Caspase-3 and NF- κ B in mice.

Comparing the enantioselective toxicity on cell cycle and apoptosis of DL-glufosinate and L-glufosinate to SH-SY5Y cells.

A 90-day feeding study of genetically modified maize LP007-1 in wistar han RCC rats.

Exposure to bromoxynil octanoate herbicide induces oxidative stress, inflammation, and apoptosis in testicular tissue via modulating NF- κ B pathway.

Antimicrobial effect of oral care gel containing hinokitiol and 4-isopropyl-3-methylphenol against intraoral pathogenic microorganisms.

A phenome-wide association study (PheWAS) to identify the health impacts of 4-cresol sulfate in the Nagahama Study.

The health risk of acetochlor metabolite CMEPA is associated with lipid accumulation induced liver injury.

Molinate induces organ defects by promoting apoptosis, inflammation, and endoplasmic reticulum stress during the developmental stage of zebrafish.

Establishment and characterization of Yellow River carp (*Cyprinus carpio haematopterus*) muscle cell line and its application to fish virology and immunology.

Untargeted Multiomics Approach Coupling Lipidomics and Metabolomics Profiling Reveals New Insights in Diabetic Retinopathy.

Label-free drug interaction screening via Raman microscopy.

Borax regulates iron chaperone- and autophagy-mediated ferroptosis pathway in glioblastoma cells.

Toxicity effects of disinfection byproduct chloroacetic acid to *Microcystis aeruginosa*: Cytotoxicity and mechanisms.

Cystine/Glutamate Xc(-) Antiporter Induction Compensates for Transsulfuration Pathway Repression by 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) to Ensure Cysteine for Hepatic Glutathione Biosynthesis.

Nephroprotective Effects of Selenium Nanoparticles Against Sodium Arsenite-Induced Damages.

Biological Hyperthermia-Inducing Nanoparticles for Specific Remodeling of the Extracellular Matrix Microenvironment Enhance Pro-Apoptotic Therapy in Fibrosis.

Concomitant inhibition of TLR-4 and SGLT2 by phloretin and empagliflozin prevents diabetes-associated ischemic acute kidney injury.

Carvacrol reduces abnormal and dead sperm counts by attenuating sodium arsenite-induced oxidative stress, inflammation, apoptosis, and autophagy in the testicular tissues of rats.

Impaired pancreatic beta-cell function after a single dose of oral iron: A before-and-after (pre-post) study.

Stress Granules Inhibit Coxsackievirus B3-Mediated Cell Death via Reduction of Mitochondrial Reactive Oxygen Species and Viral Extracellular Release.

Steatosis and Metabolic Disorders Associated with Synergistic Activation of the CAR/RXR Heterodimer by Pesticides.

Thioredoxin A of *Streptococcus suis* Serotype 2 Contributes to Virulence by Inhibiting the Expression of Pentraxin 3 to Promote Survival Within Macrophages.

The vitamin B(12) analog cobinamide ameliorates azide toxicity in cells, *Drosophila melanogaster*, and mice.

Zingerone reduces sodium arsenite-induced nephrotoxicity by regulating oxidative stress, inflammation, apoptosis and histopathological changes.

Malathion alters the transcription of target genes of the tumour suppressor tp53 and cancerous processes in *Colossoma macropomum*: Mechanisms of DNA damage response, oxidative stress and apoptosis.

Direct ferrous sulfate exposure facilitates the VBNC state formation rather than ferroptosis in *Listeria monocytogenes*.

Disruption of mitochondrial function augments the radiosensitivity of prostate cancer cell lines.

Electrochemical and Optical Sensors for the Detection of Chemical Carcinogens Causing Leukemia.

Acetaldehyde dehydrogenase 2 activation attenuates sepsis-induced brain injury through NLRP3 inflammasome regulation.

Targeting BRD4 and PI3K signaling pathways for the treatment of medulloblastoma.

Arsenic compounds activate MAPK and inhibit Akt pathways to induce apoptosis in MA-10 mouse Leydig tumor cells.

Cytotoxic Effects of Darinaparsin, a Novel Organic Arsenical, against Human Leukemia Cells.

Endocrine disruptors and endometriosis.

Buspirone Enhances Cell Survival and Preserves Structural Integrity during Oxidative Injury to the Retinal Pigment Epithelium.

Spectroscopic and optical properties of 1,2,4-triazolo[4,3-a]pyridin-3(2H)-one as a component of herbicides.

Effects of terbutylazine on myocardial oxidative stress and ferroptosis via Nrf2/HO-1 signaling pathway in broilers.

Plant-derived squalene supplementation improves growth performance and alleviates acute oxidative stress-induced growth retardation and intestinal damage in piglets.

Development of a simplified human embryonic stem cell-based retinal pre-organoid model for toxicity evaluations of common pollutants.

Interpretable predictive models of genome-wide aryl hydrocarbon receptor-DNA binding reveal tissue-specific binding determinants.

Influences of continuous and pulse atrazine exposure on intestinal flora and metabolites of *Pelophylax nigromaculatus* tadpoles.

Impacts of perinatal dioxin exposure on gaze behavior in 2-year-old children in the largest dioxin-contaminated area in Vietnam.

Exposure to the aryl hydrocarbon receptor agonist dioxin disrupts formation of the muscle, nerves, and vasculature in the developing jaw.

The synergy of microplastics with the heavy metal zinc has resulted in reducing the toxic effects of zinc on lentil (*Lens culinaris*) seed germination and seedling growth.

Proteomic characterization of a lutein-hyperaccumulating *Chlamydomonas reinhardtii* mutant reveals photoprotection-related factors as targets for increasing cellular carotenoid content.

Effect of Hydralazine on Angiotensin II-Induced Abdominal Aortic Aneurysm in Apolipoprotein E-Deficient Mice.

Mild Oxidative Stress Induced by Sodium Arsenite Reduces Lipocalin-2 Expression Levels in Cortical Glial Cells.

Bifenox compromises porcine trophectoderm and luminal epithelial cells in early pregnancy by arresting cell cycle progression and impairing mitochondrial and calcium homeostasis.

Bifenox induces programmed cell death in bovine mammary epithelial cells by impairing calcium homeostasis, triggering ER stress, and altering the signaling cascades of PI3K/AKT and MAPK.

Dimethenamid promotes oxidative stress and apoptosis leading to cardiovascular, hepatic, and pancreatic toxicities in zebrafish embryo.

Nilotinib alleviates paraquat-induced hepatic and pulmonary injury in rats via the Nrf2/Nf-kB axis.

Developmental toxicity of flufenacet including vascular, liver, and pancreas defects is mediated by apoptosis and alters the Mapk and PI3K/Akt signal transduction in zebrafish.

DOM optical parameters as a tool to understand degradation of phenolic contaminants of emerging concern.

Analysis of Human microRNA Expression Profiling During Diquat-Induced Renal Proximal Tubular Epithelial Cell Injury.

Developmental and cardiovascular toxicities of acetochlor and its chiral isomers in zebrafish embryos through oxidative stress.

Atrazine: cytotoxicity, oxidative stress, apoptosis, testicular effects and chemopreventive Interventions.

Untargeted Metabolomic Analyses of Body Fluids to Differentiate TBI DOC and NTBI DOC.

Parkinson's disease updates: Addressing the pathophysiology, risk factors, genetics, diagnosis, along with the medical and surgical treatment.

Ferroptosis contributes to cyclophosphamide-induced hemorrhagic cystitis.

Alterations of Bax/Bcl-2 ratio contribute to NaAsO₂ induced thyrotoxicity in human thyroid follicular epithelial cells and SD rats.

Dynamic relationship between the aryl hydrocarbon receptor and long noncoding RNA balances cellular and toxicological responses.

Terbutryn causes developmental toxicity in zebrafish (*Danio rerio*) via apoptosis and major organ malformation in the early stages of embryogenesis.

An eco-friendly system for stabilization of retinol: A step towards attending performance with improved environmental respect.

Evaluation of the effect of photoplethysmograms on workers' exposure to methyl bromide using second derivative.

Co-administration of L-Ascorbic Acid and α -Tocopherol Alleviates Arsenic-Induced Immunotoxicities in the Thymus and Spleen by Dwindling Oxidative Stress-Induced Inflammation.

Fluchloralin induces developmental toxicity in heart, liver, and nervous system during early zebrafish embryogenesis.

Three-Way Cell-Based Screening of Antistress Compounds: Identification, Validation, and Relevance to Old-Age-Related Pathologies.

Assessing Fermentation Broth Quality of Pineapple Vinegar Production with a Near-Infrared Fiber-Optic Probe Coupled with Stability Competitive Adaptive Reweighted Sampling.

Air Pollutant Patterns and Human Health Risk following the East Palestine, Ohio, Train Derailment.

Roles of DNA Target in Cancer Cell-Selective Cytotoxicity by Dicopper Complexes with DNA Target/Ligand Conjugates.

Pesticides exposure in pregnant Argentinian women: Potential relations with the residence areas and the anthropometric neonate parameters.

Synthesis, X-ray Structures, and Optical and Magnetic Properties of Cu(II) Octafluoro-octakis(perfluoro(isopropyl)phthalocyanine): The Effects of Electron Addition and Fluorine Accretion.

Protective effect of vitamin C against tetrachlorobenzoquinone-induced 5-hydroxymethylation-dependent apoptosis in HepG2 cells mainly via the mitochondrial apoptosis pathway.

Conservation linkages of endangered medicinal plant and exploration of phytochemicals, pharmaceutical screening and in silico validation against diabetics using in vivo wild and in vitro regenerated plant *Boucerosia diffusa* Wight.

Mechanistic investigation of the differential synergistic neurotoxicity between pesticide metam sodium and copper or zinc.

Effects of prometryn on oxidative stress, immune response and apoptosis in the hepatopancreas of *Eriocheir sinensis* (Crustacea: Decapoda).

Herbicide propisochlor exposure induces intestinal barrier impairment, microbiota dysbiosis and gut pyroptosis.

Long-term exposure to arsenic in drinking water leads to myocardial damage by oxidative stress and reduction in NO.

frpr-18, a neuropeptide receptor, regulates organismal lifespan and stress tolerance in *C. elegans*.

Novel 2-alkythio-4-chloro-N-[imino(heteroaryl)methyl]benzenesulfonamide Derivatives: Synthesis, Molecular Structure, Anticancer Activity and Metabolic Stability.

Dissecting the effects of paraquat-induced pulmonary injury in rats using UPLC-Q-TOF-MS/MS-based metabolomics.

Bensulide exposure causes cell division cycle arrest and apoptosis in porcine trophectoderm and uterine luminal epithelial cells.

Minocycline as a Neuroprotective Agent in Arsenic-Induced Neurotoxicity in PC12 Cells.

Arsenite-induced cytotoxicity is regulated by poly-ADP ribose polymerase 1 activation and parthanatos in p53-deficient H1299 cells: The roles of autophagy and p53.

Stevioside Improves Antioxidant Capacity and Intestinal Barrier Function while Attenuating Inflammation and Apoptosis by Regulating the NF- κ B/MAPK Pathways in Diquat-Induced Oxidative Stress of IPEC-J2 Cells.

Aggregation, Cytotoxicity and DNA Binding in a Series of Calix[4]arene Amphiphile Containing Aminotriazole Groups.

3-Pyrrolyl BODIPY Based Schiff Base Fluorophores: A Selective Chemodosimetric and Optical Sensor for Diethyl Chlorophosphate.

LV(V)O-Ethyl Maltol-Based Metallodrugs (L(2-) = Tridentate ONO Ligands): Hydrophobicity, Hydrolytic Stability, and Cytotoxicity via ROS-Mediated Apoptosis.

The effect of TiO₂(2)NPs on cloransulam-methyl toxicity to earthworm (*Eisenia fetida*).

Reproductive-Toxicity-Related Endpoints in *C. elegans* Are Consistent with Reduced Concern for Dimethylarsinic Acid Exposure Relative to Inorganic Arsenic.

Picolinafen exposure induces ROS accumulation and calcium depletion, leading to apoptosis in porcine embryonic trophectoderm and uterine luminal epithelial cells during the peri-implantation period.

Sodium arsenite-induced cytotoxicity is regulated by BNIP3L/Nix-mediated endoplasmic reticulum stress responses and CCPG1-mediated endoplasmic reticulum-phagy.

Oryzalin impairs maternal-fetal interaction during early pregnancy via ROS-mediated P38 MAPK/AKT and OXPHOS downregulation.

Small molecule agonist of mitochondrial fusion repairs mitochondrial dysfunction.

Recent Advances in Nanoparticle-Based Optical Sensors for Detection of Pesticide Residues in Soil.

Neuroprotective properties of borax against aluminum hydroxide-induced neurotoxicity: Possible role of Nrf-2/BDNF/AChE pathways in fish brain.

Endocrine disrupting activity in sewage sludge: Screening method, microbial succession and cost-effective strategy for detoxification.

Molecular and Biochemical Evidence of the Toxic Effects of Terbutylazine and Malathion in Zebrafish.

Biosynthesis and characterization of nanoparticles, its advantages, various aspects and risk assessment to maintain the sustainable agriculture: Emerging technology in modern era science.

SIRT1/PGC-1 \pm is involved in arsenic-induced male reproductive damage through mitochondrial dysfunction, which is blocked by the antioxidative effect of zinc.

Comparison of the chronic and multigenerational toxicity of racemic glufosinate and l-glufosinate to *Caenorhabditis elegans* at environmental concentrations.

Effects of p-cresol, a uremic toxin, on cancer cells.

Evaluation of covalent coupling strategies for immobilizing ligands on silica colloidal crystal films by optical interferometry.

Synthesis and herbicidal activity of optically active cinmethylin, its enantiomer, and C3-substituted cinmethylin analogs.

Development toxicity and cytotoxicity of pyroxsulam on embryos and adults of zebrafish (*Danio rerio*).

Melatonin Ameliorates Diquat-Induced Testicular Toxicity via Reducing Oxidative Stress, Inhibiting Apoptosis, and Maintaining the Integrity of Blood-Testis Barrier in Mice.

Concurrent bioimaging of microalgal photophysiology and oxidative stress.

Enhanced Glycolysis Confers Resistance Against Photon but Not Carbon Ion Irradiation in Human Glioma Cell Lines.

Analytical development for the assessment of pesticide contaminations in blood and plasma of wild birds: The case of grey partridges (*Perdix perdix*).

Protective effects of zingerone against sodium arsenite-induced lung toxicity: A multi-biomarker approach.

Gestational arsenic exposure induces anxiety-like behaviors in F1 female mice by dysregulation of neurological and immunological markers.

Andrographolide alleviates paraquat-induced acute lung injury by activating the Nrf2/HO-1 pathway.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces multigenerational alterations in the expression of microRNA in the thymus through epigenetic modifications.

A Novel Amphotericin B Hydrogel Composed of Poly(Vinyl Alcohol)/Borate Complex for Ophthalmic Formulation.

Effects of haloxyfop-p-methyl on the developmental toxicity, neurotoxicity, and immunotoxicity in zebrafish.

Glutathione Protects against Paraquat-Induced Oxidative Stress by Regulating Intestinal Barrier, Antioxidant Capacity, and CAR Signaling Pathway in Weaned Piglets.

Characterization of glyphosate-induced cardiovascular toxicity and apoptosis in zebrafish.

Signaling pathways involved in paraquat-induced pulmonary toxicity: Molecular mechanisms and potential therapeutic drugs.

Atrazine exposure induces necroptosis through the P450/ROS pathway and causes inflammation in the gill of common carp (*Cyprinus carpio*L.).

Tannic acid through ROS/TNF- α /TNFR 1 antagonizes atrazine induced apoptosis, programmed necrosis and immune dysfunction of grass carp hepatocytes.

2,4-Dichlorophenoxyacetic acid (2,4-D) affects DNA integrity and retina structure in zebrafish larvae.

Pendimethalin exposure induces bovine mammary epithelial cell death through excessive ROS production and alterations in the PI3K and MAPK signaling pathways.

Investigation of the toxicity of a glyphosate-based herbicide in a human liver cell line: Assessing the involvement of Nrf2 pathway and protective effects of vitamin E and α -lipoic acid.

Mechanism of 2,4-Dichlorophenoxyacetic acid-induced damage to rat testis via Fas/FasL pathway and the protective effect of *Lycium barbarum* polysaccharides.

Paraquat induces apoptosis, programmed necrosis, and immune dysfunction in CIK cells via the PTEN/PI3K/AKT axis.

Histopathological, immunohistochemical, and molecular investigation of atrazine toxic effect on some organs of adult male albino rats with a screening of *Acacia nilotica* as a protective trial.

Glyphosate, AMPA and glyphosate-based herbicide exposure leads to GFAP, PCNA and caspase-3 increased immunoreactive area on male offspring rat hypothalamus.

Lycopene Ameliorate Atrazine-Induced Oxidative Damage in the B Cell Zone via Targeting the miR-27a-3p/Foxo1 Axis.

Cyclooxygenase-2 activates the free radical-mediated apoptosis of polymorphonuclear leukocytes in the maneb- and paraquat-intoxicated rats.

Apigenin and apigenin-7, 4'-O-dioctanoate protect against acrolein-aggravated inflammation via inhibiting the activation of NLRP3 inflammasome and HMGB1/MYD88/NF- κ B signaling pathway in Human umbilical vein endothelial cells (HUVEC).

Glyphosate decreases bovine oocyte quality by inducing oxidative stress and apoptosis.

Degradation of commercial glyphosate-based herbicide via advanced oxidative processes in aqueous media and phytotoxicity evaluation using maize seeds.

Potential of paraquat toxicity by inhibition of the antioxidant defenses and protective effect of the natural antioxidant, 4-hydroxyisophthalic acid in *Drosophila melanogaster*.

Mitoquinone mitigates paraquat-induced A549 lung epithelial cell injury by promoting MFN1/MFN2-mediated mitochondrial fusion.

Ginsenoside Rg1 suppresses paraquat-induced epithelial cell senescence by enhancing autophagy in an ATG12-dependent manner.

Verbascoside inhibits paraquat-induced pulmonary toxicity via modulating oxidative stress, inflammation, apoptosis and DNA damage in A549 cell.

IL-6/STAT3/Foxo1 axis as a target of lycopene ameliorates the atrazine-induced thymic mitophagy and pyroptosis cross-talk.

[Study on the Protective effect and mechanism of Nicotinamide Riboside on lung injury in paraquat intoxicated mice].

Melatonin ameliorates renal dysfunction in glyphosate- and hard water-treated mice.

Effects of Curcumin on Mitochondrial Function, Endoplasmic Reticulum Stress, and Mitochondria-Associated Endoplasmic Reticulum Membranes in the Jejunum of Oxidative Stress Piglets.

Molecular Physicochemical Properties of Selected Pesticides as Predictive Factors for Oxidative Stress and Apoptosis-Dependent Cell Death in Caco-2 and HepG2 Cells.

Glyphosate-based herbicide causes spermatogenesis disorder and spermatozoa damage of the Chinese mitten crab (*Eriocheir sinensis*) by affecting testes characteristic enzymes, antioxidant capacities and inducing apoptosis.

Pterocarpus mildbraedii leaf extract ebbs propanil-induced oxidative and apoptotic damage in the liver of rats.

Pesticides Inhibit Retinoic Acid Catabolism in PLHC-1 and ZFL Fish Hepatic Cell Lines.

In vitro and in vivo cytotoxicity assessment of glyphosate and imazethapyr-based herbicides and their association.

Isorhapontigenin Modulates SOX9/TOLLIP Expression to Attenuate Cell Apoptosis and Oxidative Stress in Paraquat-Induced Acute Kidney Injury.

Ginkgolide C Alleviates Acute Lung Injury Caused by Paraquat Poisoning via Regulating the Nrf2 and NF- κ B Signaling Pathways.

Ameliorative potential of vitamin C and E against Roundup-glyphosate induced genotoxicity triggering apoptosis in caprine granulosa cells.

Cellular and Molecular Events Leading to Paraquat-Induced Apoptosis: Mechanistic Insights into Parkinson's Disease Pathophysiology.

Genome-wide identification, expression and functional analysis of the core cell cycle gene family during the early somatic embryogenesis of *Dimocarpus longan* Lour.

Developmental toxicity of glyphosate on embryo-larval zebrafish (*Danio rerio*).

A review of molecular mechanisms linked to potential renal injury agents in tropical rural farming communities.

miRNAs: A potentially valuable tool in pesticide toxicology assessment-current experimental and epidemiological data review.

2,4-dichlorophenoxyacetic acid induces ROS activation in NLRP3 inflammatory body-induced autophagy disorder in microglia and the protective effect of Lycium barbarum polysaccharide.

Vesicle transport related protein Synaptotagmin-1 mediates paraquat transport to antagonize paraquat toxicity.

Specialized Metabolites from the Allelopathic Plant *Retama raetam* as Potential Biopesticides.

Clinicohematological, Mutagenic, and Oxidative Stress Induced by Pendimethalin in Freshwater Fish Bighead Carp (*Hypophthalmichthys nobilis*).

Toxic Effects of Glyphosate on the Nervous System: A Systematic Review.

[Dynamic changes of locus coeruleus damage in Parkinson's disease-like mice induced by paraquat].

Atrazine exposure and recovery alter the intestinal structure, bacterial composition and intestinal metabolites of male *Pelophylax nigromaculatus*.

Comparison of the Toxicological Effects of Pesticides in Non-Tumorigenic MCF-12A and Tumorigenic MCF-7 Human Breast Cells.

Ameliorative effect of N-acetylcysteine on the testicular tissue of adult male albino rats after glyphosate-based herbicide exposure.

Mechanisms of acrolein induces toxicity in human umbilical vein endothelial cells: Oxidative stress, DNA damage response, and apoptosis.

Lycopene ameliorates atrazine-induced pyroptosis in spleen by suppressing the Ox-mtDNA/Nlrp3 inflammasome pathway.

Protective effect of dexamethasone against paraquat-triggered toxicity in A549 cells through inhibiting inflammation, apoptosis and TGF- β 1/Smad3 pathway.

Resveratrol exhibits neuroprotection against paraquat-induced PC12 cells via heme oxygenase 1 upregulation by decreasing MiR-136-5p expression.

Phenolic-rich extract of avocado *Persea americana* (var. Colinred) peel blunts paraquat/maneb-induced apoptosis through blocking phosphorylation of LRRK2 kinase in human nerve-like cells.

Acute exposure to paraquat affects the phenotypic differentiation of substantia nigra microglia in rats.

A Novel Algicidal Bacterium, *Microbulbifer* sp. YX04, Triggered Oxidative Damage and Autophagic Cell Death in *Phaeocystis globosa*, Which Causes Harmful Algal Blooms.

Exploring the molecular mechanisms of the inhibition of acrolein-induced BEAS-2B cytotoxicity by luteolin using network pharmacology and cell biology technology.

Paraquat exposure impairs porcine oocyte meiotic maturation.

Benchmark dose and the adverse effects of exposure to pendimethalin at low dose in female rats.

Toxicity mechanism of acrolein on DNA damage and apoptosis in BEAS-2B cells: Insights from cell biology and molecular docking analyses.

Resveratrol protected acrolein-induced ferroptosis and insulin secretion dysfunction via ER-stress-related PERK pathway in MIN6 cells.

Silymarin protects the rats against paraquat-induced acute kidney injury via Nrf2.

The potential risks of herbicide butachlor to immunotoxicity via induction of autophagy and apoptosis in the spleen.

Prediction of optical coherence tomography-detected calcified nodules using coronary computed tomography angiography.

Cinnamaldehyde causes developmental neurotoxicity in zebrafish via the oxidative stress pathway that is rescued by astaxanthin.

The Therapeutic Roles of Cinnamaldehyde against Cardiovascular Diseases.

Acrolein plays a culprit role in the pathogenesis of diabetic nephropathy in vitro and in vivo.

Protective Effects of Cinnamaldehyde on the Oxidative Stress, Inflammatory Response, and Apoptosis in the Hepatocytes of Salmonella Gallinarum-Challenged Young Chicks.

The Antitumor Effect of Cinnamaldehyde Derivative CB-PIC in Hepatocellular Carcinoma Cells via Inhibition of Pyruvate and STAT3 Signaling.

Efficacy of N-acetyl-L-cysteine against glyphosate induced oxidative stress and apoptosis in testicular germ cells preventing infertility.

[Clinical features of 86 cases of acute diquat poisoning].

Mechanisms of cinnamic aldehyde against myocardial ischemia/hypoxia injury in vivo and in vitro: Involvement of regulating PI3K/AKT signaling pathway.

MyD88 deficiency ameliorates weight loss caused by intestinal oxidative injury in an autophagy-dependent mechanism.

Cinnamaldehyde Downregulation of Sept9 Inhibits Glioma Progression through Suppressing Hif-1 α via the Pi3k/Akt Signaling Pathway.

Anticancer Effects of Cinnamaldehyde Through Inhibition of ErbB2/HSF1/LDHA Pathway in 5637 Cell Line of Bladder Cancer.

Interactive effects of high temperature and pesticide exposure on oxidative status, apoptosis, and renin expression in kidney of goldfish: Molecular and cellular mechanisms of widespread kidney damage and renin attenuation.

Using Computational Drug-Gene Analysis to Identify Novel Therapeutic Candidates for Retinal Neuroprotection.

Fluroxypyr-1-methylheptyl ester induced ROS production and mitochondrial apoptosis through the MAPK signaling cascade in porcine trophectoderm and uterine luminal epithelial cells.

A reactive oxygen species-replenishing coordination polymer nanomedicine disrupts redox homeostasis and induces concurrent apoptosis-ferroptosis for combinational cancer therapy.

The shikimate pathway regulates programmed cell death.

[Effects of arsenic and its main metabolites on A549 cell apoptosis and the expression of pro-apoptotic genes Bad and Bik].

ROS-mediated PPAR/RXR inhibition contributes to acetochlor-induced apoptosis and autophagy in *Ctenopharyngodon idella* hepatic cells.

Thymol and trans-cinnamaldehyde induce apoptosis through a metacaspase-dependent mitochondrial pathway in food-spoilage yeast *Zygosaccharomyces rouxii*.

Ablation of FUNDC1-dependent mitophagy renders myocardium resistant to paraquat-induced ferroptosis and contractile dysfunction.

Ethalfuralin impairs implantation by aggravation of mitochondrial viability and function during early pregnancy.

Dinitramine induces implantation failure by cell cycle arrest and mitochondrial dysfunction in porcine trophectoderm and luminal epithelial cells.

Methyl Viologens of Bis-(4'-Pyridylethynyl)Arenes - Structures, Photophysical and Electrochemical Studies, and their Potential Application in Biology.

Combined effects of S-metolachlor and benoxacor on embryo development in zebrafish (*Danio rerio*).

Acid-Responsive Micelles Releasing Cinnamaldehyde Enhance RSL3-Induced Ferroptosis in Tumor Cells.

The effects of aerobic exercise training with octopamine supplementation on cardiomyocyte apoptosis induced by deep-frying oil: The role of caspase and procaspase 3.

Metabolic Investigation on the Interaction Mechanism between Dietary Dihydrochalcone Intake and Lipid Peroxidation Product Acrolein Reduction.

Metabolomics insight into the influence of environmental factors in responses of freshwater biofilms to the model herbicide diuron.

Comparison of modes of action between fish, cell and mitochondrial toxicity based on toxicity correlation, excess toxicity and QSAR for class-based compounds.

Design, Synthesis and Antiproliferative Evaluation of Bis-Indole Derivatives with a Phenyl Linker: Focus on Autophagy.

TIPARP is involved in the regulation of intraocular pressure.

[Expression and Regulatory Mechanism of Autophagy-related Genes in Synovial Tissues of Patients with Rheumatoid Arthritis].

The oxidative stress, mitochondrial pathway apoptosis, and the antagonistic effects of chrysophanol in SH-SY5Y cells via DTPP-induced photodynamic therapy.

Boron attenuated diethylnitrosamine induced hepatocellular carcinoma in C3H/HeN mice via alteration of oxidative stress and apoptotic pathway.

Flurochloridone induced abnormal spermatogenesis by damaging testicular Sertoli cells in mice.

Ferrous sulfate-loaded hydrogel cures Staphylococcus aureus infection via facilitating a ferroptosis-like bacterial cell death in a mouse keratitis model.

Thiobencarb induces phenotypic abnormalities, apoptosis, and cardiovascular toxicity in zebrafish embryos through oxidative stress and inflammation.

2,4-Dinitrophenol as an Uncoupler Augments the Anthracyclines Toxicity against Prostate Cancer Cells.

Preparation and inhibitory effect of salicin dimethyl ether in Laryngeal cancer cells through the apoptosis activation.

Physicochemical and microbiological stability of insulin eye drops in an artificial tear vehicle used in the treatment of refractory neurotrophic keratopathy.

Transcriptomics analysis of human iPSC-derived dopaminergic neurons reveals a novel model for sporadic Parkinson's disease.

Damaged DNA Is an Early Event of Neurodegeneration in Induced Pluripotent Stem Cell-Derived Motoneurons with UBQLN2(P497H) Mutation.

The SH-SY5Y human neuroblastoma cell line, a relevant in vitro cell model for investigating neurotoxicology in human: Focus on organic pollutants.

The effect of iron sulfate nanoparticles and their fortified bread on Wistar rats and human cell lines.

M1-linked ubiquitination facilitates NF- κ B activation and survival during sterile inflammation.

Damage of uremic myocardium by p-cresyl sulfate and the ameliorative effect of Klotho by regulating SIRT6 ubiquitination.

Carboxymethylation of Desmodium styracifolium Polysaccharide and Its Repair Effect on Damaged HK-2 Cells.

Prenatal ambient pesticide exposure and childhood retinoblastoma.

Highly water-dispersible PCN nanosheets as light-controlled lysosome self-promoting escape type non-cationic gene carriers for tumor therapy.

Characterization of Developmental Neurobehavioral Toxicity in a Zebrafish MPTP-Induced Model: A Novel Mechanism Involving Anemia.

Flurochloridone induces responses of free radical reactions and energy metabolism disorders to BRL-3A cell.

Radiosynthesis and characterization of a carbon-11 PET tracer for receptor-interacting protein kinase 1.

Eyelid malignancies in young individuals: clinical peculiarities.

Gut-derived bacterial toxins impair memory CD4+ T cell mitochondrial function in HIV-1 infection.

Casein kinase I inhibitor D4476 influences autophagy and apoptosis in chloroquine-induced adult retinal pigment epithelial-19Å cells.

Lactic acid bacteria feeding reversed the malformed eye structures and ameliorated gut microbiota profiles of *Drosophila melanogaster* Alzheimer's disease model.

Arsenic alters nitric oxide signaling similar to autism spectrum disorder and Alzheimer's disease-associated mutations.

Nontoxic Metal-Free Visible Light-Responsive Carbon Nitride Quantum Dots Cause Oxidative Stress and Cancer-Specific Membrane Damage.

Oxidative stress-induced alterations in retinal glucose metabolism in Retinitis Pigmentosa.

Iron contributes to photoreceptor degeneration and Müller glia proliferation in the zebrafish light-treated retina.

Tryptophan Metabolites Regulate Neuropentraxin 1 Expression in Endothelial Cells.

Histological and Immunohistochemical Studies to Determine the Mechanism of Cleft Palate Induction after Palatal Fusion in Mice Exposed to TCDD.

Cold Atmospheric Plasma Apoptotic and Oxidative Effects on MCF7 and HCC1806 Human Breast Cancer Cells.

Arsenic compounds induce apoptosis by activating the MAPK and caspase pathways in FaDu oral squamous carcinoma cells.

Ubiquitinated gasdermin D mediates arsenic-induced pyroptosis and hepatic insulin resistance in rat liver.

Impact of Uremic Toxins on Endothelial Dysfunction in Chronic Kidney Disease: A Systematic Review.

Development and Characterization of Curcumin-Silver Nanoparticles as a Promising Formulation to Test on Human Pterygium-Derived Keratinocytes.

False-negative chemicals in ESR-based photosafety test (ESR-PT) and their significance for photosafety evaluations: examples of bithionol, fenticlor and cilnidipine.

Minocycline improves the functional recovery after traumatic brain injury via inhibition of aquaporin-4.

Sodium arsenite-mediated upregulation of circDHX34 promotes apoptosis in hormone-independent breast cancer cells by regulating apoptotic genes.

The impact of left truncation of exposure in environmental case-control studies: evidence from breast cancer risk associated with airborne dioxin.

Acrolein-inducing ferroptosis contributes to impaired peripheral neurogenesis in zebrafish.

Treatment with MDL 72527 Ameliorated Clinical Symptoms, Retinal Ganglion Cell Loss, Optic Nerve Inflammation, and Improved Visual Acuity in an Experimental Model of Multiple Sclerosis.

Toxic effects of pesticides on cellular and humoral immunity: an overview.

Proper modulation of AHR signaling is necessary for establishing neural connectivity and oligodendrocyte precursor cell development in the embryonic zebrafish brain.

Glycine Alleviated Intestinal Injury by Inhibiting Ferroptosis in Piglets Challenged with Diquat.

Optical characteristics of the skin with dark circles using pump-probe imaging.

Aclonifen could induce implantation failure during early embryonic development through apoptosis of porcine trophoblast and uterine luminal epithelial cells.

Ethoxyquin is a Competent Radical-Trapping Antioxidant for Preventing Ferroptosis in Doxorubicin Cardiotoxicity.

Acidifiers Attenuate Diquat-Induced Oxidative Stress and Inflammatory Responses by Regulating NF- κ B/MAPK/COX-2 Pathways in IPEC-J2 Cells.

Effects of Iron on oxidative stress of *Cecropia hololeuca* and *Carica papaya* plants.

Idiopathic unilateral third nerve palsy with pupillary sparing in 10-year-old child -a case report.

Pendimethalin induces apoptotic cell death through activating ER stress-mediated mitochondrial dysfunction in human umbilical vein endothelial cells.

Isoforms of the transcriptional cofactor SIN3 differentially regulate genes necessary for energy metabolism and cell survival.

The efficacy of hemodialysis on paraquat poisoning mortality: A systematic review and meta-analysis.

In Vitro Induction of Eryptosis by Uremic Toxins and Inflammation Mediators in Healthy Red Blood Cells.

Finding Fluorine: Photoproduct Formation during the Photolysis of Fluorinated Pesticides.

Borax relieved the acrylamide-induced hematotoxic, hepatotoxic, immunotoxic and genotoxic damages in rainbow trout by regulating apoptosis and Nrf2 signaling pathway.

Bisphenol A and 2,3,7,8-tetrachlorodibenzo-p-dioxin at non-cytotoxic doses alter the differentiation potential and cell function of rat adipose-stem cells.

Cytotoxic and Apoptotic Effects of the Combination of Borax (Sodium Tetraborate) and 5-Fluorouracil on DLD-1 Human Colorectal Adenocarcinoma Cell Line.

Transcriptomic analysis of deceptively pollinated *Arum maculatum* (Araceae) reveals association between terpene synthase expression in floral trap chamber and species-specific pollinator attraction.

DFT, hirshfeld and molecular docking studies of a hybrid compound - 2,4-Diamino-6-methyl-1,3,5-triazin-1-ium hydrogen oxalate as a promising anti-breast cancer agent.

Gamma-Ray-Induced Structural Transformation of QDs towards the Improvement of Their Optical Properties, Monitoring of Selected Toxic Compounds, and Photo-Induced Effects on Bacterial Strains.

Supporting discovery and development of medical countermeasures for chemical injury to eye and skin.

Tetrachlorobisphenol A mediates reproductive toxicity in *Caenorhabditis elegans* via DNA damage-induced apoptosis.

Insights into the day-night sources and optical properties of coastal organic aerosols in southern China.

Insight into 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced disruption of zebrafish spermatogenesis via single cell RNA-seq.

[Rat serum containing oxymatrine inhibits the proliferation of LX2 human hepatic stellate cells induced by sodium arsenite via blocking PI3K/AKT pathway].

Borax exerts protective effect against ferrocene-induced neurotoxicity in *Oncorhynchus mykiss*.

Melatonin Prevents NaAsO₂-Induced Developmental Cardiotoxicity in Zebrafish through Regulating Oxidative Stress and Apoptosis.

Development and Automation of a Bacterial Biosensor to the Targeting of the Pollutants Toxic Effects by Portable Raman Spectrometer.

Effect of cyanocobalamin (vitamin B12) on paraquat-induced brain injury in mice.

Comparing ultrafast excited state quenching of flavin 1,N(6)-ethenoadenine dinucleotide and flavin adenine dinucleotide by optical spectroscopy and DFT calculations.

Glycine alleviated diquat-induced hepatic injury via inhibiting ferroptosis in weaned piglets.

Polyphenols Sourced from *Ilex latifolia* Thunb. Relieve Intestinal Injury via Modulating Ferroptosis in Weanling Piglets under Oxidative Stress.

Novel Imidazole Phenoxyacetic Acids as Inhibitors of USP30 for Neuroprotection Implication via the Ubiquitin-Rho-110 Fluorometric Assay: Design, Synthesis, and In Silico and Biochemical Assays.

Tea polyphenols alleviates acetochlor-induced apoptosis and necroptosis via ROS/MAPK/NF- κ B signaling in *Ctenopharyngodon idellus* kidney cells.

Evaluation of the Acute Effects of Arsenic on Adults of the Neotropical Native Fish *Cnesterodon decemmaculatus* Using a Set of Biomarkers.

Cytotoxic effects of Roundup Classic and its components on NE-4C and MC3T3-E1 cell lines determined by biochemical and flow cytometric assays.

[A case of occupational allyl alcohol inhalation poisoning].

The Potential Role of Mitochondrial Acetaldehyde Dehydrogenase 2 in Urological Cancers From the Perspective of Ferroptosis and Cellular Senescence.

Atrazine and Diuron Effects on Survival, Embryo Development, and Behavior in Larvae and Adult Zebrafish.

Dimethyl sulfoxide stimulates the AhR-Jdp2 axis to control ROS accumulation in mouse embryonic fibroblasts.

Diquat Poisoning: Care Management and Medico-Legal Implications.

Sodium arsenite accelerates D-galactose-induced aging in the testis of the rat: Evidence for mitochondrial oxidative damage, NF- κ B, JNK, and apoptosis pathways.

Enhancement of cancer-cell-selective cytotoxicity by a dicopper complex with a phenanthrene amide-tether ligand conjugate via mitochondrial apoptosis.

Mechanical characterization and optical microscopy of homemade slime and the effect of some common household products.

Paraquat modulates immunological function in bone marrow-derived macrophages.

More than Meets the Eye: The Aryl Hydrocarbon Receptor is an Environmental Sensor, Physiological Regulator and a Therapeutic Target in Ocular Disease.

Laser-induced choroidal neovascularization detected on optical coherence tomography angiography in patients with diabetic retinopathy.

Aquatic photolysis of 2,4-dichloro-6-nitrophenol-the toxic nitrated byproduct of 2,4-dichlorophenol.

Role of ACSL4 in the chemical-induced cell death in human proximal tubule epithelial HK-2 cells.

α -Tocopherol Prevents Sperm Apoptosis and Necrosis in Rats Exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Hybridized 4-Trifluoromethyl-(1,2,3-triazol-1-yl)quinoline System: Synthesis, Photophysics, Selective DNA/HSA Bio-interactions and Molecular Docking.

Pharmacological Inhibition of Spermine Oxidase Suppresses Excitotoxicity Induced Neuroinflammation in Mouse Retina.

Aclonifen induces bovine mammary gland epithelial cell death by disrupting calcium homeostasis and inducing ROS production.

Altered transsulfuration pathway enzymes and redox homeostasis in inherited retinal degenerative diseases.

Optical coherence tomography as an alternative tool for evaluating the effects of glyphosate on hybrid catfish (*Clarias gariepinus* \times *Clarias macrocephalus*).

Calycosin Alleviates Paraquat-Induced Neurodegeneration by Improving Mitochondrial Functions and Regulating Autophagy in a *Drosophila* Model of Parkinson's Disease.

Glutathione protects against the meiotic defects of ovine oocytes induced by arsenic exposure via the inhibition of mitochondrial dysfunctions.

Simazine perturbs the maturational competency of mouse oocyte through inducing oxidative stress and DNA damage.

Arsenite-induced cytotoxicity is regulated by p38-SQSTM1/p62 and JNK-BNIP3L/Nix signaling in lung cancer cells.

Arctigenin attenuates paraquat-induced human lung epithelial A549 cell injury by suppressing ROS/p38 mitogen-activated protein kinases-mediated apoptosis.

Fluroxypyr-1-methylheptyl ester causes apoptosis of bovine mammary gland epithelial cells by regulating PI3K and MAPK signaling pathways and endoplasmic reticulum stress.

Identification of known and novel nonpolar endocrine disruptors in human amniotic fluid.

Germ cell apoptosis is critical to maintain *Caenorhabditis elegans* offspring viability in stressful environments.

Chaperon-mediated autophagy can regulate diquat-induced apoptosis by inhibiting α -synuclein accumulation cooperatively with macroautophagy.

LncRNA MIAT Inhibits MPP(+)-Induced Neuronal Damage Through Regulating the miR-132/SIRT1 Axis in PC12 Cells.

Long Noncoding RNA NEAT1 Knockdown Ameliorates 1-Methyl-4-Phenylpyridine-Induced Cell Injury Through MicroRNA-519a-3p/SP1 Axis in Parkinson Disease.

Berberine Attenuates MPP(+)-Induced Neuronal Injury by Regulating LINC00943/miR-142-5p/KPNA4/NF- κ B Pathway in SK-N-SH Cells.

Contact allergy to fragrance mix I and its components in individuals with photocontact allergy to ketoprofen.

Acute exposition to Roundup Transorb[®] induces systemic oxidative stress and alterations in the expression of newly sequenced genes in silverside fish (*Odontesthes humensis*).

Inflammatory, Oxidative Stress, and Apoptosis Effects in Zebrafish Larvae after Rapid Exposure to a Commercial Glyphosate Formulation.

Thioredoxin-1 mediates neuroprotection of Schisanhenol against MPP(+)-induced apoptosis via suppression of ASK1-P38-NF- κ B pathway in SH-SY5Y cells.

Bacopaside-I Alleviates the Detrimental Effects of Acute Paraquat Intoxication in the Adult Zebrafish Brain.

The effect of atrazine on intestinal histology, microbial community and short chain fatty acids in *Pelophylax nigromaculatus* tadpoles.

Bidirectional role of reactive oxygen species during inflammasome activation in acrolein-induced human EAhy926 cells pyroptosis.

Exposure to the herbicide butachlor activates hepatic stress signals and disturbs lipid metabolism in mice.

One-Pot Synthesis of TiO₂-rGO Photocatalysts for the Degradation of Groundwater Pollutants.

Pectin/chitosan/tripolyphosphate encapsulation protects the rat lung from fibrosis and apoptosis induced by paraquat inhalation.

Global transcriptome profiling reveals antagonizing response of head kidney of juvenile common carp exposed to glyphosate.

Co-formulants and adjuvants affect the acute aquatic and terrestrial toxicity of a cycloxydim herbicide formulation to European common frogs (*Rana temporaria*).

Impact of feed glyphosate residues on broiler breeder egg production and egg hatchability.

Paraquat-induced cholesterol biosynthesis proteins dysregulation in human brain microvascular endothelial cells.

Prolonged exposure to the herbicide atrazine suppresses immune cell functions by inducing spleen cell apoptosis in rats.

Effects of sulfometuron-methyl on zebrafish at early developmental stages.

Protective Activity of Aspirin Eugenol Ester on Paraquat-Induced Cell Damage in SH-SY5Y Cells.

Kaempferol attenuates diquat-induced oxidative damage and apoptosis in intestinal porcine epithelial cells.

Evaluation of atrazine neurodevelopment toxicity in vitro-application of hESC-based neural differentiation model.

Effect of atrazine on accumulation of iron via the iron transport proteins in the midbrain of SD rats.

Effects of the herbicide Irgarol 1051 on the transcriptome of hermatypic coral *Acropora tenuis* and its symbiotic dinoflagellates.

Atrazine Inhalation Causes Neuroinflammation, Apoptosis and Accelerating Brain Aging.

Overexpression of TOLLIP Protects against Acute Kidney Injury after Paraquat Intoxication through Inhibiting NLRP3 Inflammasome Activation Modulated by Toll-Like Receptor 2/4 Signaling.

New Target in an Old Enemy: Herbicide (R)-Dichlorprop Induces Ferroptosis-like Death in Plants.

Exposure to Atrazine Induces Lung Inflammation through Nrf2-HO1 and Beclin 1/LC3 Pathways.

Exposure to sublethal concentrations of the glyphosate-based herbicide Faena[®] increases sensitivity in the progeny of the American cladoceran *Daphnia exilis* (Herrick, 1895).

Meta-analysis and experimental validation identified atrazine as a toxicant in the male reproductive system.

Neuroprotective effect of selumetinib on acrolein-induced neurotoxicity.

Genotoxicity of chloroacetamide herbicides and their metabolites *in vitro* and *in vivo*.

Isorhynchophylline ameliorates paraquat-induced acute kidney injury by attenuating oxidative stress and mitochondrial damage via regulating toll-interacting expression.

Atrazine-induced cell-mediated immunotoxicity in rabbits and the ameliorating role of glycyrrhizic acid.

The hepatotoxicity of atrazine exposure in mice involves the intestinal microbiota.

Atrazine impairs testicular function in BalB/c mice by affecting Leydig cells.

Carryover effect of atrazine and its metabolite from treated bovine spermatozoa to the embryo's transcriptome.

An Experimental Approach to Study the Effects of Realistic Environmental Mixture of Linuron and Propamocarb on Zebrafish Synaptogenesis.

Aspirin eugenol ester ameliorates paraquat-induced oxidative damage through ROS/p38-MAPK-mediated mitochondrial apoptosis pathway.

Mutagenicity and genotoxicity in juvenile African catfish, *Clarias gariepinus* exposed to formulations of glyphosate and paraquat.

Melatonin rescues the reproductive toxicity of low-dose glyphosate-based herbicide during mouse oocyte maturation via the GPER signaling pathway.

Glutathione is a potential therapeutic target for acrolein toxicity in the cornea.

Paraquat-activated BV-2 microglia induces neuroinflammatory responses in the neuron model through NF- κ B signaling pathway.

Modulation of BAG3 expression in human normal urothelial cells by Diuron.

Protection by rhynchophylline against MPTP/MPP(+)-induced neurotoxicity via regulating PI3K/Akt pathway.

Low-Cost Chlorophyll Fluorescence Imaging for Stress Detection.

Investigation of *in vivo* unscheduled DNA synthesis in rabbit corneas following instillation of genotoxic agents.

The herbicide dinitramine affects the proliferation of murine testicular cells via endoplasmic reticulum stress-induced calcium dysregulation.

Huang Lian Jie Du Tang attenuates paraquat-induced mitophagy in human SH-SY5Y cells: A traditional decoction with a novel therapeutic potential in treating Parkinson's disease.

LncRNA XIST sponges miR-199a-3p to modulate the Sp1/LRRK2 signal pathway to accelerate Parkinson's disease progression.

Paraquat exposure over generation affects lifespan and reproduction through mitochondrial disruption in *C. elegans*.

Melatonin alleviates the deterioration of oocytes and hormonal disorders from mice subjected to glyphosate.

Neurotoxicity associated with chronic exposure to dichlorophenoxyacetic acid (2,4-D) - a simulation of environmental exposure in adult rats.

The herbicide paraquat-induced molecular mechanisms in the development of acute lung injury and lung fibrosis.

Picolinafen exerts developmental toxicity via the suppression of oxidative stress and angiogenesis in zebrafish embryos.

Assessing the toxicity of three "inert" herbicide safeners toward *Danio rerio*: Effects on embryos development.

HSPB5 (β -crystallin) confers protection against paraquat-induced oxidative stress at the organismal level in a tissue-dependent manner.

Inorganic arsenic influences cell apoptosis by regulating the expression of MEG3 gene.

Resveratrol: Isolation, and Its Nanostructured Lipid Carriers, Inhibits Cell Proliferation, Induces Cell Apoptosis in Certain Human Cell Lines Carcinoma and Exerts Protective Effect Against Paraquat-Induced Hepatotoxicity.

MSBA-S - A pentacyclic sulfamate as a new option for radiotherapy of human breast cancer cells.

Biofunctional chemistry and reactivity of biogenic acrolein for cancer diagnosis and therapy.

Coniferyl aldehyde alleviates LPS-induced WI-38 cell apoptosis and inflammation injury via JAK2-STAT1 pathway in acute pneumonia.

Reduced Acrolein Detoxification in *akr1a1a* Zebrafish Mutants Causes Impaired Insulin Receptor Signaling and Microvascular Alterations.

Celecoxib promotes survival and upregulates the expression of neuroprotective marker genes in two different in vitro models of Parkinson's disease.

ERK Phosphorylation Regulates the Aml1/Runx1 Splice Variants and the TRP Channels Expression during the Differentiation of Glioma Stem Cell Lines.

Small molecules baicalein and cinnamaldehyde are potentiators of measles virus-induced breast cancer oncolysis.

Ferritinophagy-Mediated Ferroptosis Involved in Paraquat-Induced Neurotoxicity of Dopaminergic Neurons: Implication for Neurotoxicity in PD.

Cinnamaldehyde and hesperetin attenuate TNBS-induced ulcerative colitis in rats through modulation of the JAK2/STAT3/SOCS3 pathway.

Neuroprotective effects of pomegranate (*Punica granatum* L.) juice and seed extract in paraquat-induced mouse model of Parkinson's disease.

Protective Effects of Cinnamaldehyde on the Inflammatory Response, Oxidative Stress, and Apoptosis in Liver of *Salmonella typhimurium*-Challenged Mice.

Coniferaldehyde prevents articular cartilage destruction in a murine model via Nrf2/HO-1 pathway.

Polyamine biomarkers as indicators of human disease.

Thal protects against paraquat-induced lung injury through a microRNA-141/HDAC6/IL-1 β -NF- κ B axis in rat and cell models.

Effects of low-concentration glyphosate and aminomethyl phosphonic acid on zebrafish embryo development.

An indicator displacement assay-based optical chemosensor for heparin with a dual-readout and a reversible molecular logic gate operation based on the pyranine/methyl viologen.

Transmission electron microscopic analysis of glyphosate induced cytotoxicity and its attenuation by N-acetyl-L-cysteine in caprine testicular germ cells in vitro.

Identification of adducts formed between acrolein and alanine or serine in fried potato crisps and the cytotoxicity-lowering effect of acrolein in three cell lines.

Involvement of mitochondrial fission in renal tubular pyroptosis in mice exposed to high and environmental levels of glyphosate combined with hard water.

Cytotoxic effects on cancerous and non-cancerous cells of trans-cinnamaldehyde, carvacrol, and eugenol.

Synthesis, optical properties, determination and imaging in living cells and bamboo of cinnamaldehyde derivatives.

Effects of sodium arsenite and dimethyl arsenic acid on Liaoning cashmere goat skin fibroblasts.

Effects of atrazine short-term exposure on jumping ability and intestinal microbiota diversity in male *Pelophylax nigromaculatus* adults.

A dual electro-optical biosensor based on *Chlamydomonas reinhardtii* immobilised on paper-based nanomodified screen-printed electrodes for herbicide monitoring.

Efficient chemosensors for toxic pollutants based on photoluminescent Zn(ii) and Cd(ii) metal-organic networks.

Trans-cinnamaldehyde protects C2C12 myoblasts from DNA damage, mitochondrial dysfunction and apoptosis caused by oxidative stress through inhibiting ROS production.

Dietary glucose oxidase and/or catalase supplementation alleviates intestinal oxidative stress induced by diquat in weaned piglets.

Neurons die with heightened but functional macro- and chaperone mediated autophagy upon increased amyloid- β induced toxicity with region-specific protection in prolonged intermittent fasting.

Dinitramine induces cardiotoxicity and morphological alterations on zebrafish embryo development.

Passage Number-Induced Replicative Senescence Modulates the Endothelial Cell Response to Protein-Bound Uremic Toxins.

Discovery of a Potent and Selective JNK3 Inhibitor with Neuroprotective Effect Against Amyloid β -Induced Neurotoxicity in Primary Rat Neurons.

Human prostate epithelial cells and prostate-derived stem cells malignantly transformed in vitro with sodium arsenite show impaired Toll like receptor -3 (TLR3)-associated anti-tumor pathway.

Cardiac toxicity assessment of pendimethalin in zebrafish embryos.

Lipid metabolism disorders associated with dioxin exposure in a cohort of Chinese male workers revealed by a comprehensive lipidomics study.

Fluroxypyr-1-methylheptyl ester interferes with the normal embryogenesis of zebrafish by inducing apoptosis, inflammation, and neurovascular toxicity.

Fenofibrate, a peroxisome proliferator-activated receptor-alpha agonist, blocks steatosis and alters the inflammatory response in a mouse model of inflammation-dioxin interaction.

Dietary Selenium Deficiency Partially Mimics the Metabolic Effects of Arsenic.

Overexpression of miR-19a and miR-20a in iPS-MSCs preserves renal function of chronic kidney disease with acute ischaemia-reperfusion injury in rat.

Development of anti-acanthamoebic approaches.

Untargeted metabolomics and transcriptomics identified glutathione metabolism disturbance and PCS and TMAO as potential biomarkers for ER stress in lung.

Antioxidant and food additive BHA prevents TNF cytotoxicity by acting as a direct RIPK1 inhibitor.

Intravenous iron is non-inferior to oral iron regarding cell growth and iron metabolism in colorectal cancer associated with iron-deficiency anaemia.

Role of inhibiting Chk1-p53 pathway in hepatotoxicity caused by chronic arsenic exposure from coal-burning.

Unconjugated p-cresol activates macrophage macropinocytosis leading to increased LDL uptake.

Prolonged Low-Dose Dioxin Exposure Impairs Metabolic Adaptability to High-Fat Diet Feeding in Female but Not Male Mice.

Thidiazuron suppresses breast cancer via targeting miR-132 and dysregulation of the PI3K-Akt signaling pathway mediated by the miR-202-5p-PTEN axis.

Susceptibility to DNA damage caused by abrogation of Rad54 homolog B: A putative mechanism for chemically induced cleft palate.

Glycine-Conjugated Bile Acids Protect RPE Tight Junctions against Oxidative Stress and Inhibit Choroidal Endothelial Cell Angiogenesis In Vitro.

Role of aryl hydrocarbon receptor (AHR) in overall retinoid metabolism: Response comparisons to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure between wild-type and AHR knockout mice.

Inorganic arsenic induces sex-dependent pathological hypertrophy in the heart.

Cenobamate: Neuroprotective Potential of a New Antiepileptic Drug.

Attenuation of sodium arsenite-induced cardiotoxicity and neurotoxicity with the antioxidant, anti-inflammatory, and antiapoptotic effects of hesperidin.

Sustained high expression of NRF2 and its target genes induces dysregulation of cellular proliferation and apoptosis is associated with arsenite-induced malignant transformation of human bronchial epithelial cells.

Arsenite suppresses IL-2-dependent tumoricidal activities of natural killer cells.

Modulation of mutagenicity in *Salmonella typhimurium* and antioxidant properties and antiproliferative effects of fractions from *Cassia fistula* L. on human cervical HeLa and breast MCF-7 cancer cells.

TCDD attenuates EAE through induction of FasL on B cells and inhibition of IgG production.

Profiling of human burned bones: oxidising versus reducing conditions.

Uraemic toxins impair skeletal muscle regeneration by inhibiting myoblast proliferation, reducing myogenic differentiation, and promoting muscular fibrosis.

Kindlin-3 and RASSF6 are probable biomarkers for predicting metastasis in cutaneous melanoma.

Genetic Control of MAP3K1 in Eye Development and Sex Differentiation.

Overexpression of CERKL Protects Retinal Pigment Epithelium Mitochondria from Oxidative Stress Effects.

Metamitron, a Photosynthetic Electron Transport Chain Inhibitor, Modulates the Photoprotective Mechanism of Apple Trees.

Examining the ultraviolet optical screening tool as a viable means for delineating a contaminated organic sediment.

Suppression of apoptotic signaling in rat hepatocytes by non-dioxin-like polychlorinated biphenyls depends on the receptors CAR and PXR.

Resveratrol and its derivative pterostilbene attenuate oxidative stress-induced intestinal injury by improving mitochondrial redox homeostasis and function via SIRT1 signaling.

Sodium doped flaky carbon nitride with nitrogen defects for enhanced photoreduction carbon dioxide activity.

Endogenous regulation of the Akt pathway by the aryl hydrocarbon receptor (AhR) in lung fibroblasts.

Protective Effect of Dictyophora Polysaccharides on Sodium Arsenite-Induced Hepatotoxicity: A Proteomics Study.

Highly efficient and simultaneous catalytic reduction of multiple toxic dyes and nitrophenols waste water using highly active bimetallic PdO-NiO nanocomposite.

Exposure to acetochlor impairs swim bladder formation, induces heat shock protein expression, and promotes locomotor activity in zebrafish (*Danio rerio*) larvae.

Advanced Optical Sensing of Phenolic Compounds for Environmental Applications.

Short-Chain Fatty Acids Alleviate Hepatocyte Apoptosis Induced by Gut-Derived Protein-Bound Uremic Toxins.

Low-Dose Cyclophosphamide Induces Nerve Injury and Functional Overactivity in the Urinary Bladder of Rats.

Bone toxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and the retinoid system: A causality analysis anchored in osteoblast gene expression and mouse data.

Bacillus amyloliquefaciens SC06 Induced AKT-FOXO Signaling Pathway-Mediated Autophagy to Alleviate Oxidative Stress in IPEC-J2 Cells.

Cimicifuga racemosa Extract Ze 450 Re-Balances Energy Metabolism and Promotes Longevity.

Construction and Validation of a Novel Immunosignature for Overall Survival in Uveal Melanoma.

ROCK1 Mediates Retinal Glial Cell Migration Promoted by Acrolein.

Chloramphenicol eye drops: ok to use in children younger than 2 years.

GDNF requires HIF-1 α and RET activation for suppression of programmed cell death of enteric neurons by metabolic challenge.

Benoxacor caused developmental and cardiac toxicity in zebrafish larvae.

P2X7 Receptor Blockade Protects Against Acrolein-Induced Bladder Damage: A Potential New Therapeutic Approach for the Treatment of Bladder Inflammatory Diseases.

Effects of Acute Diquat Poisoning on Liver Mitochondrial Apoptosis and Autophagy in Ducks.

Removal of a Past Varnish Treatment from a 19th-Century Belgian Wall Painting by Means of a Solvent-Loaded Double Network Hydrogel.

The impact of vaping on ocular health: a literature review.

Comparative evaluation of HET-CAM and ICE methods for objective assessment of ocular irritation caused by selected pesticide products.

Graphitic carbon nitride based mixed-phase bismuth nanostructures: Tuned optical and structural properties with boosted photocatalytic performance for wastewater decontamination under visible-light irradiation.

Photopolymerization performed under dark conditions using long-stored electrons in carbon nitride.

Water Pollutants p-Cresol Detection Based on Au-ZnO Nanoparticles Modified Tapered Optical Fiber.

Folic Acid as a Bimodal Optical Probe for the Detection of TNT.

Alcohol Dehydrogenases and N-Heterocyclic Carbene Gold(I) Catalysts: Design of a Chemoenzymatic Cascade towards Optically Active α,β -Disubstituted Allylic Alcohols.

Endocrine, metabolic and apical effects of in utero and lactational exposure to non-dioxin-like 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180): A postnatal follow-up study in rats.

LncRNA XIST Promoted OGD-Induced Neuronal Injury Through Modulating/miR-455-3p/TIPARP Axis.

Pendimethalin induces apoptosis in testicular cells via hampering ER-mitochondrial function and autophagy.

Aclonifen causes developmental abnormalities in zebrafish embryos through mitochondrial dysfunction and oxidative stress.

Optical Properties of Porous Alumina Assisted Niobia Nanostructured Films-Designing 2-D Photonic Crystals Based on Hexagonally Arranged Nanocolumns.

Ablation of Selenbp1 Alters Lipid Metabolism via the Ppar \pm Pathway in Mouse Kidney.

Hidroxi[®] Counteracts Cyclophosphamide-Induced Male Infertility through NRF2 Pathways in a Mouse Model.

Functional regulation of an outer retina hyporeflective band on optical coherence tomography images.

2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure disrupts development of the visceral and ocular vasculature.

Detection of endocrine disrupting chemicals in Danio rerio and Daphnia pulex: Step-one, behavioral screen.

Corrigendum to "Aspirin eugenol ester ameliorates paraquat-induced oxidative damage through ROS/p38-MAPK-mediated mitochondrial apoptosis pathway" [Toxicology 453 (2021) 152721].

Dicopper(II) Complexes of p-Cresol-2,6-Bis(dpa) Amide-Tether Ligands: Large Enhancement of Oxidative DNA Cleavage, Cytotoxicity, and Mechanistic Insight by Intracellular Visualization.

In vivo comet assay in rabbit corneal epithelial cells following ocular instillation with genotoxic compounds.

Tetrahydroxystilbene glucoside protects against sodium azide-induced mitochondrial dysfunction in human neuroblastoma cells.

Photophysics of DFHBI bound to RNA aptamer Baby Spinach.

Self-referencing optical fiber pH sensor for marine microenvironments.

Flurochloridone induces Sertoli cell apoptosis through ROS-dependent mitochondrial pathway.

In vitro Regeneration of Clematis Plants in the Nikita Botanical Garden via Somatic Embryogenesis and Organogenesis.

Bach1 plays an important role in angiogenesis through regulation of oxidative stress.

Benfuresate induces developmental toxicity in zebrafish larvae by generating apoptosis and pathological modifications.

Selective beta-cell toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin on isolated pancreatic islets.

Lipidomics reveals multiple stressor effects (temperature & mitochondrial toxicant) in the zebrafish embryo toxicity test.

Tetrachlorobenzoquinone exposure triggers ferroptosis contributing to its neurotoxicity.

Quercetin Alleviates Oxidative Damage by Activating Nuclear Factor Erythroid 2-Related Factor 2 Signaling in Porcine Enterocytes.

Arsenic-induced HER2 promotes proliferation, migration and angiogenesis of bladder epithelial cells via activation of multiple signaling pathways in vitro and in vivo.

Identification of molecular toxicity pathways across early life-stages of zebrafish exposed to PCB126 using a whole transcriptomics approach.

PCB153 reduces apoptosis in primary cultures of murine pituitary cells through the activation of NF- κ B mediated by PI3K/Akt.

Disturbances in Microbial and Metabolic Communication across the Gut-Liver Axis Induced by a Dioxin-like Pollutant: An Integrated Metagenomics and Metabolomics Analysis.

Chlorogenic acid abates male reproductive dysfunction in arsenic-exposed mice via attenuation of testicular oxido-inflammatory stress and apoptotic responses.

Oleuropein attenuates the 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-perturbing effects on pancreatic β -cells.

Effects of cyhalofop-butyl on the developmental toxicity and immunotoxicity in zebrafish (*Danio rerio*).

Catecholic alkaloid sulfonates and aromatic nitro compounds from *Portulaca oleracea* and screening of their anti-inflammatory and anti-microbial activities.

Integrated ecotoxicological assessment of the complex interactions between chlorpyrifos and glyphosate on a non-target species *Cnesterodon decemmaculatus* (Jenyns, 1842).

Acrolein: A Potential Mediator of Oxidative Damage in Diabetic Retinopathy.

[Atrazine changes meiosis and reduces spermatogenesis in male mice].

A rabbit model for evaluating ocular damage from acrolein toxicity in vivo.

DP-22216-6 maize does not adversely affect rats in a 90-day feeding study.

Urinary crystal formation and urothelial effects of pyroxasulfone administered to male rats.

Effect of fomesafen on the embryonic development of zebrafish.

FoxF1 protects rats from paraquat-evoked lung injury following HDAC2 inhibition via the microRNA-342/KLF5/NF- κ B/p65 axis.

Chronic exposure of human glioblastoma tumors to low concentrations of a pesticide mixture induced multidrug resistance against chemotherapy agents.

Inhibition of the antioxidant enzyme PRDX1 activity promotes MPP(+)-induced death in differentiated SH-SY5Y cells and may impair its colocalization with eEF1A2.

Developmental toxicity of chlorpropham induces pathological changes and vascular irregularities in zebrafish embryos.

The scavenging capacity of \hat{I}^3 -aminobutyric acid for acrolein and the cytotoxicity of the formed adduct.

The PARK2 Mutation Associated with Parkinson's Disease Enhances the Vulnerability of Peripheral Blood Lymphocytes to Paraquat.

Hydrogen sulfide alleviates oxidative stress injury and reduces apoptosis induced by MPP(+) in Parkinson's disease cell model.

Systemic Paraquat Intoxication Presenting with Peripheral Ulcerative Keratitis: A Case Report and Literature Review.

Cichoric acid attenuates the toxicity of mesotrione. Effect on in vitro skin cell model.

Effect of glyphosate (Roundup Active[®]) on liver of tadpoles of the colombian endemic frog *Dendropsophus molitor* (amphibia: Anura).

[Study on the protective effect and mechanism of somatostatin on renal injury in paraquat intoxicated mice].

Increased basal antioxidant levels in RCAN1 - deficient mice lowers oxidative injury after acute paraquat insult.

Pterostilbene as a protective antioxidant attenuates diquat-induced liver injury and oxidative stress in 21-day-old broiler chickens.

Glyphosate induces lymphocyte cell dysfunction and apoptosis via regulation of miR-203 targeting of PIK3R1 in common carp (*Cyprinus carpio* L.).

Cytotoxic and genotoxic assessments of 2,4-dichlorophenoxyacetic acid (2,4-D) in in vitro mammalian cells.

[Role of microbial-derived antioxidants on diquat-induced oxidative stress, endoplasmic reticulum stress and function in mice].

Possible Protective Effects of TA on the Cancerous Effect of Mesotrione.

Environmental Pollution, Oxidative Stress and Thioretinaco Ozonide: Effects of Glyphosate, Fluoride and Electromagnetic Fields on Mitochondrial Dysfunction in Carcinogenesis, Atherogenesis and Aging.

Effects of cinnamaldehyde on anti-respiratory syncytial virus: A protocol of systematic review and meta-analysis.

Comparison of the effects of resveratrol and its derivative pterostilbene on hepatic oxidative stress and mitochondrial dysfunction in piglets challenged with diquat.

Effects of fertilization on the triafamone photodegradation in aqueous solution: Kinetic, identification of photoproducts and degradation pathway.

Adjuvant contributes Roundup's unexpected effects on A549 cells.

The endoplasmic reticulum stress and related signal pathway mediated the glyphosate-induced testosterone synthesis inhibition in TM3 cells.

Formation of di-cysteine acrolein adduct decreases cytotoxicity of acrolein by ROS alleviation and apoptosis intervention.

Environmentally relevant mixture of S-metolachlor and its two metabolites affects thyroid metabolism in zebrafish embryos.

Functionality and DNA-damage properties of blood cells in lactating cows exposed to glyphosate contaminated feed at different feed energy levels.

The Ocular Protective Effects of Nano/Submicron Particles Prepared from Lycium barbarum Fruits Against Oxidative Stress in an Animal Model.

Exposure to diclofop-methyl induces cardiac developmental toxicity in zebrafish embryos.

Where ferroptosis inhibitors and paraquat detoxification mechanisms intersect, exploring possible treatment strategies.

Design, Synthesis, and Herbicidal Activity of Novel Diphenyl Ether Derivatives Containing Fast Degrading Tetrahydrophthalimide.

Light and temperature influence on diuron bioaccumulation and toxicity in biofilms.

Characterization of a novel herbicide and antibiotic-resistant *Chlorella* sp. with an extensive extracellular matrix.

Soybean isoflavones prevent atrazine-induced neurodegenerative damage by inducing autophagy.

Acrolein-induced apoptosis of smooth muscle cells through NEAT1-Bmal1/Clock pathway and a protection from asparagus extract.

Glyphosate affects methylation in the promoter regions of selected tumor suppressors as well as expression of major cell cycle and apoptosis drivers in PBMCs (in vitro study).

Toxicity assessment of the herbicide acetochlor in the human liver carcinoma (HepG2) cell line.

Increased severity associated with tallowamine in acute glyphosate poisoning.

2,4-Dichlorophenoxyacetic Thiosemicarbazides as a New Class of Compounds Against Stomach Cancer Potentially Intercalating with DNA.

Genotoxicity of mixtures of glyphosate with 2,4-dichlorophenoxyacetic acid chemical forms towards *Cnesterodon decemmaculatus* (Pisces, Poeciliidae).

The surfactant polyethoxylated tallowamine (POEA) reduces lifespan and inhibits fecundity in *Drosophila melanogaster*- In vivo and in vitro study.

Seasonal variations in the dose-response relationship of acetylcholinesterase activity in freshwater fish exposed to chlorpyrifos and glyphosate.

Toxic effects of fluridone on early developmental stages of Japanese Medaka (*Oryzias latipes*).

The protective impact of Trans-Cinnamaldehyde (TCA) against the IL-1b induced inflammation in in vitro osteoarthritis model by regulating PI3K/AKT pathways.

Analysis of microRNA expression profiling during paraquat-induced injury of murine lung alveolar epithelial cells.

Toxicity of pesticides toward human immune cells U-937 and HL-60.

Secretogranin III upregulation is involved in parkinsonian toxin-mediated astroglia activation.

Morphoanatomical injuries in *Pistia stratiotes* L. (Araceae) as a result of exposure to clomazone in water.

Frequently encountered pesticides can cause multiple disorders in developing worker honey bees.

Involvement of ADAM10 in acrolein-induced astrocytic inflammation.

Evaluation of apoptotic potential of glyphosate metabolites and impurities in human peripheral blood mononuclear cells (in vitro study).

Environmentally relevant atrazine exposures cause DNA damage in cells of the lateral antennules of crayfish (*Faxonius virilis*).

Posterior reversible leukoencephalopathy after cyanamide overdose.

Protective Effects of Cinnamaldehyde against Mesenteric Ischemia-Reperfusion-Induced Lung and Liver Injuries in Rats.

Cinnamaldehyde Inhibits the Function of Osteosarcoma by Suppressing the Wnt/ β -Catenin and PI3K/Akt Signaling Pathways.

Pathological Role of Unsaturated Aldehyde Acrolein in Diabetic Retinopathy.

Endoplasmic reticulum stress-related neuroinflammation and neural stem cells decrease in mice exposure to paraquat.

Structural change and degradation of cytoskeleton due to the acrolein conjugation with vimentin and actin during brain infarction.

Cinnamaldehyde Attenuates the Progression of Rheumatoid Arthritis through Down-Regulation of PI3K/AKT Signaling Pathway.

Acrolein Aggravates Secondary Brain Injury After Intracerebral Hemorrhage Through Drp1-Mediated Mitochondrial Oxidative Damage in Mice.

Cinnamaldehyde induces endogenous apoptosis of the prostate cancer-associated fibroblasts via interfering the Glutathione-associated mitochondria function.

In Vitro Anticancer Effects of Cinnamomum verum J. Presl, Cinnamaldehyde, 4 Hydroxycinnamic Acid and Eugenol on an Oral Squamous Cell Carcinoma Cell Line.

Combination of ellagic acid and trans-cinnamaldehyde alleviates aging-induced cognitive impairment via modulation of mitochondrial function and inflammatory and apoptotic mediators in the prefrontal cortex of aged rats.

Cinnamaldehyde protects against rat intestinal ischemia/reperfusion injuries by synergistic inhibition of NF- κ B and p53.

Combination Therapy with Cinnamaldehyde and Hyperthermia Induces Apoptosis of A549 Non-Small Cell Lung Carcinoma Cells via Regulation of Reactive Oxygen Species and Mitogen-Activated Protein Kinase Family.

Cinnamaldehyde protects against oxidative stress and inhibits the TNF α -induced inflammatory response in human umbilical vein endothelial cells.

Klotho Alleviates Lung Injury Caused by Paraquat via Suppressing ROS/P38 MAPK-Regulated Inflammatory Responses and Apoptosis.

Effects of Cinnamaldehyde on the Viability and Expression of Chemokine Receptor Genes in Temozolomide-treated Glioma Cells.

trans-Cinnamaldehyde Prevents Oxidative Stress-Induced Apoptosis in V79-4 Chinese Hamster Lung Fibroblasts through the Nrf2-Mediated HO-1 Activation.

Three rare pathogenic mtDNA substitutions in LHON patients with low heteroplasmy.

Picomolar glyphosate sensitivity of an optical particle-based sensor utilizing biomimetic interaction principles.

A simple on-line detection system based on fiber-optic sensing for the realtime monitoring of fixed bed adsorption processes of molecularly imprinted polymers.

Suppression of water-bloom cyanobacterium Microcystis aeruginosa by algaecide hydrogen peroxide maximized through programmed cell death.

Protective effects of paeoniflorin on acrolein-induced apoptosis in H9c2 cardiomyocytes.

Low-dose Roundup induces developmental toxicity in bovine preimplantation embryos in vitro.

Acrolein exerts a genotoxic effect in the Leydig cells by stimulating DNA damage-induced apoptosis.

Adverse effects of atrazine, DCMU and metolachlor on phytoplankton cultures and communities at environmentally relevant concentrations using Fast Repetition Rate Fluorescence.

Combined cell death of co-exposure to aldehyde mixtures on human bronchial epithelial BEAS-2B cells: Molecular insights into the joint action.

Rapamycin attenuates the paraquat-induced pulmonary fibrosis through activating Nrf2 pathway.

Arsenic compounds activate the MAPK and caspase pathways to induce apoptosis in OECâ€™M1 gingival epidermal carcinoma.

Female mice exposed to low doses of dioxin during pregnancy and lactation have increased susceptibility to diet-induced obesity and diabetes.

IL-12p40 and sRAGE in serum correlate with chemically induced cleft palate in mice.

Role of sodium tetraborate as a cardioprotective or competitive agent: Modulation of hypertrophic intracellular signals.

Anti-Tumor Effects of Sodium Meta-Arsenite in Glioblastoma Cells with Higher Akt Activities.

Selenoprotein V protects against endoplasmic reticulum stress and oxidative injury induced by pro-oxidants.

Nephroprotective effects of chlorogenic acid against sodium arsenite-induced oxidative stress, inflammation, and apoptosis.

Comparison of the biological behaviors of palatal mesenchymal and epithelial cells induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in vitro.

Boron improves cardiac contractility and fibrotic remodeling following myocardial infarction injury.

Mechanisms and pathogenesis underlying environmental chemical-induced necroptosis.

Exposure to Oxadiazon-Butachlor causes cardiac toxicity in zebrafish embryos.

Effects of p-Cresol on Senescence, Survival, Inflammation, and Odontoblast Differentiation in Canine Dental Pulp Stem Cells.

Protein arginine methyltransferase-1 stimulates dopaminergic neuronal cell death in a Parkinson's disease model.

p-Cresol Sulfate Caused Behavior Disorders and Neurodegeneration in Mice with Unilateral Nephrectomy Involving Oxidative Stress and Neuroinflammation.

Investigation of the biochemical and apoptotic changes in breast cancer cells treated with leaf extract from tea (*Camellia sinensis* L.) grown with added boric acid.

Distinguishing mode of action of compounds inducing craniofacial malformations in zebrafish embryos to support dose-response modeling in combined exposures.

TCDD promotes liver fibrosis through disordering systemic and hepatic iron homeostasis.

Capsaicinoid nonivamide improves nonalcoholic fatty liver disease in rats fed a high-fat diet.

Overexpression of miR-455-5p affects retinol (vitamin A) absorption by downregulating STRA6 in a nitrofen-induced CDH with lung hypoplasia rat model.

Therapeutic potential of aryl hydrocarbon receptor ligands derived from natural products in rheumatoid arthritis.

Low Doses of Arsenic in a Mouse Model of Human Exposure and in Neuronal Culture Lead to S-Nitrosylation of Synaptic Proteins and Apoptosis via Nitric Oxide.

Oct4 plays a role in 2, 3, 7, 8 - tetrachlorobenzo-p-dioxin (TCDD) inducing cleft palate and inhibiting mesenchymal proliferation.

Aryl Hydrocarbon Receptor-Dependent inductions of omega-3 and omega-6 polyunsaturated fatty acid metabolism act inversely on tumor progression.

Role of Metallothionein-1 and Metallothionein-2 in the Neuroprotective Mechanism of Sevoflurane Preconditioning in Mice.

Low concentrations of sodium arsenite induce hepatotoxicity in prepubertal male rats.

Topical Ascorbic Acid Ameliorates Oxidative Stress-Induced Corneal Endothelial Damage via Suppression of Apoptosis and Autophagic Flux Blockage.

Metabolomic alternations of follicular fluid of obese women undergoing in-vitro fertilization treatment.

Taurocholic acid inhibits features of age-related macular degeneration in vitro.

Cardioprotective role of metformin against sodium arsenite-induced oxidative stress, inflammation, and apoptosis.

Synthesis of 2'-Deoxyuridine Modified with a 3,5-Difluoro-4-Methoxybenzylidene Imidazolinone Derivative for Incorporation into Oligonucleotide Probes for Detection of HER2 Breast Cancer Marker.

Is 1,8-Cineole-Rich Extract of Small Cardamom Seeds More Effective in Preventing Alzheimer's Disease than 1,8-Cineole Alone?

Antioxidative and antiapoptosis: Neuroprotective effects of dauricine in Alzheimer's disease models.

Chlorogenic acid prevents hepatotoxicity in arsenic-treated mice: role of oxidative stress and apoptosis.

Long-term metabolic consequences of acute dioxin exposure differ between male and female mice.

[The use of retinoids to stimulate the regenerative process in trepanation cavity after "open" sanitizing surgery on the middle ear].

Procyanidin B2 Suppresses Lipopolysaccharides-Induced Inflammation and Apoptosis in Human Type II Alveolar Epithelial Cells and Lung Fibroblasts.

Arsenic-induced immunomodulatory effects disorient the survival-death interface by stabilizing the Hsp90/Beclin1 interaction.

A promising "metastable" liquid crystal stationary phase for gas chromatography.

Optical sensor film for metribuzin pesticide detection.

Uremic toxins promote accumulation of oxidized protein and increased sensitivity to hydrogen peroxide in endothelial cells by impairing the autophagic flux.

In vitro effects of PNP and PNMC on apoptosis and proliferation in the hen ovarian stroma and prehierarchal follicles.

Paraquat Reduces the Female Fertility by Impairing the Oocyte Maturation in Mice.

HspB5 protects mouse neural stem/progenitor cells from paraquat toxicity.

A Paper-Based Analytical Device for Analysis of Paraquat in Urine and Its Validation with Optical-Based Approaches.

The Protective Effect of Aspirin Eugenol Ester on Paraquat-Induced Acute Liver Injury Rats.

Wearable Bracelet Monitoring the Solar Ultraviolet Radiation for Skin Health Based on Hybrid IPN Hydrogels.

Holly (*Ilex latifolia* Thunb.) Polyphenols Extracts Alleviate Hepatic Damage by Regulating Ferroptosis Following Diquat Challenge in a Piglet Model.

Anisotropic Optical Shock Waves in Isotropic Media with Giant Nonlocal Nonlinearity.

In Vitro and In Vivo Inhibitory Effect of Citrus Junos Tanaka Peel Extract against Oxidative Stress-Induced Apoptotic Death of Lung Cells.

Telomeric injury by KML001 in human T cells induces mitochondrial dysfunction through the p53-PGC-1 β pathway.

An aryl hydrocarbon receptor agonist suppresses the growth of human umbilical vein endothelial cells in vitro: Potent effect with polyunsaturated fatty acids.

New insights into toxic effects of arsenate on four *Microcystis* species under different phosphorus regimes.

Aspirin Eugenol Ester Protects Vascular Endothelium From Oxidative Injury by the Apoptosis Signal Regulating Kinase-1 Pathway.

Uremic toxic substances are essential elements for enhancing carotid artery stenosis after balloon-induced endothelial denudation: worsening role of the adventitial layer.

Emerging contaminant 1,3,6,8-tetrabromocarbazole induces oxidative damage and apoptosis during the embryonic development of zebrafish (*Danio rerio*).

Screening of Bioactive Metabolites and Biological Activities of Calli, Shoots, and Seedlings of *Mertensia maritima* (L.) Gray.

Laser-Based Synthesis of Au Nanoparticles for Optical Sensing of Glyphosate: A Preliminary Study.

Aspirin Eugenol Ester Attenuates Paraquat-Induced Hepatotoxicity by Inhibiting Oxidative Stress.

Behavioral Tests in Neurotoxin-Induced Animal Models of Parkinson's Disease.

Effect of Ubiquinol on Glaucomatous Neurodegeneration and Oxidative Stress: Studies for Retinal Ganglion Cell Survival and/or Visual Function.

Effects of curcumin, D-pinitol alone or in combination in cytotoxicity induced by arsenic in PC12 cells.

Nanometer accuracy statistical interferometric technique in monitoring the short-term effects of exogenous plant hormones, auxin and gibberellic acid, on rice plants.

Assessment of arsenic-induced modifications in the DNA methylation of insulin-related genes in rat pancreatic islets.

Dietary Iron Overload Differentially Modulates Chemically-Induced Liver Injury in Rats.

A General Strategy for the Construction of NIR-emitting Si-rhodamines and Their Application for Mitochondrial Temperature Visualization.

In vitro administration of sodium arsenite in mouse prepubertal testis induces germ cell loss and apoptosis.

Adverse effects of pesticides on the functions of immune system.

Protective Effect of Fenofibrate on Oxidative Stress-Induced Apoptosis in Retinal-Choroidal Vascular Endothelial Cells: Implication for Diabetic Retinopathy Treatment.

Aqueous Humor Outflow Requires Active Cellular Metabolism in Mice.

P-cresyl sulfate causes mitochondrial hyperfusion in H9C2 cardiomyoblasts.

Visual system: An understudied target of aquatic toxicology.

Introducing of potent cytotoxic novel 2-(aroylamino)cinnamamide derivatives against colon cancer mediated by dual apoptotic signal activation and oxidative stress.

Mitigation of arsenic driven utero-ovarian malfunction and changes of apoptotic gene expression by dietary NAC.

PINK1/Parkin-mediated mitophagy is involved in NaAsO₂-induced apoptosis of human hepatic cells through activation of ERK signaling.

Assessment irradiation effects on different development stages of *Callosobruchus maculatus* and on chemical, physical and microbiological quality of cowpea seeds.

Piceatannol Ameliorates Hepatic Oxidative Damage and Mitochondrial Dysfunction of Weaned Piglets Challenged with Diquat.

Benzothiadiazole bridged EDOT based donor-acceptor polymers with tunable optical, electrochemical, morphological and electrochromic performance: effects of solvents and electrolytes.

Uroprotective mechanisms of natural products against cyclophosphamide-induced urinary bladder toxicity: A comprehensive review.

Orbencarb induces lethality and organ malformation in zebrafish embryos during development.

Causes and possibilities to circumvent cyclophosphamide toxicity.

Platelet-Rich Fibrin Can Neutralize Hydrogen Peroxide-Induced Cell Death in Gingival Fibroblasts.

Regulation of Spermine Oxidase through Hypoxia-Inducible Factor-1 α Signaling in Retinal Glial Cells under Hypoxic Conditions.

[Injury of L-02 hepatocytes induced by NaAsO₂ is related to down-regulated expression of p14ARF and increased expression of MDM2 and p53].

Polydatin relieves paraquat-induced human MRC-5 fibroblast injury through inhibiting the activation of the NLRP3 inflammasome.

Resource-Efficient Low-Temperature Synthesis of Microcrystalline Pb(2) B(5) O(9) X (X = Cl, Br) for Surfaces Studies by Optical Second Harmonic Generation.

Multigenerational and transgenerational effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on ovarian reserve and follicular development through AMH/AMHR2 pathway in adult female rats.

Defining embryonic developmental effects of chemical mixtures using the embryonic stem cell test.

N,O-Nucleoside Analogues: Metabolic and Apoptotic Activity.

Access to Optically Enriched α -Aryloxy-carboxylic Esters via Carbene-Catalyzed Dynamic Kinetic Resolution and Transesterification.

Arsenic represses airway epithelial mucin expression by affecting retinoic acid signaling pathway.

Sarcoidosis: Causes, Diagnosis, Clinical Features, and Treatments.

Dietary exposure to pesticide residues and associated health risks in infants and young children - Results of the French infant total diet study.

Role of the MAPK pathway in human lung epithelial-like A549 cells apoptosis induced by paraquat.

Novel Aspects of Toxicity Mechanisms of Dioxins and Related Compounds.

Selenium-Enriched Yeast Alleviates Oxidative Stress-Induced Intestinal Mucosa Disruption in Weaned Pigs.

Chronic methyl bromide toxicity is ameliorated by haemodialysis.

Retina-Inspired Carbon Nitride-Based Photonic Synapses for Selective Detection of UV Light.

Cigarette smoke extract induces ferroptosis in vascular smooth muscle cells.

Lactobacillus probiotics improved the gut microbiota profile of a Drosophila melanogaster Alzheimer's disease model and alleviated neurodegeneration in the eye.

Protective Effect of the Aqueous Extract of Deschampsia antarctica (EDAFENCE(®)) on Skin Cells against Blue Light Emitted from Digital Devices.

Evaluation of the Effects of Agro Pesticides Use on Liver and Kidney Function in Farmers from Buea, Cameroon.

In-Vivo Optical Monitoring of the Efficacy of Epidermal Growth Factor Receptor Targeted Photodynamic Therapy: The Effect of Fluence Rate.

Novel imaging biomarkers for mapping the impact of mild mitochondrial uncoupling in the outer retina in vivo.

Glycyrrhizic acid modulates the atrazine-induced apoptosis in rabbit spleen.

Physiologically Based Pharmacokinetic Modeling of Salivary Concentrations for Noninvasive Biomonitoring of 2,4-Dichlorophenoxyacetic Acid (2,4-D).

Curcumin relieves paraquat-induced lung injury through inhibiting the thioredoxin interacting protein/NLR pyrin domain containing 3-mediated inflammatory pathway.

Effects of environmental chemicals on the proliferation and differentiation of neural stem cells.

The toxic effects and possible mechanisms of glyphosate on mouse oocytes.

Single and joint effects of chronic exposure to chlorpyrifos and glyphosate based pesticides on structural biomarkers in *Cnesterodon decemmaculatus*.

Investigation of comet assays under conditions mimicking ocular instillation administration in a three-dimensional reconstructed human corneal epithelial model.

Autophagy Stimulation Decreases Dopaminergic Neuronal Death Mediated by Oxidative Stress.

Diuron exposure and Akt overexpression promote glioma formation through DNA hypomethylation.

Atrazine induces necroptosis by miR-181-5p targeting inflammation and glycometabolism in carp lymphocytes.

Protective effect of *Ganoderma atrum* polysaccharide on acrolein-induced macrophage injury via autophagy-dependent apoptosis pathway.

N-acetylcysteine alleviated paraquat-induced mitochondrial fragmentation and autophagy in primary murine neural progenitor cells.

The Analysis of Bifenox and Dichlobenil Toxicity in Selected Microorganisms and Human Cancer Cells.

The Growth, Apoptosis and Oxidative Stress in *Microcystis viridis* Exposed to Glyphosate.

Ghrelin ameliorates A549 cell apoptosis caused by paraquat via p38-MAPK regulated mitochondrial apoptotic pathway.

Paraquat induced impaired reproductive function and modulation of retinal and extra-retinal photoreceptors in Japanese quail (*Coturnix coturnix japonica*).

Reprotoxicity of glyphosate-based formulation in *Caenorhabditis elegans* is not due to the active ingredient only.

Effect of endoplasmic reticulum calcium on paraquat-induced apoptosis of human lung type II alveolar epithelial A549 cells.

Xenobiotic mediated diabetogenesis: Developmental exposure to dichlorvos or atrazine leads to type 1 or type 2 diabetes in *Drosophila*.

Melatonin protects against Fenoxaprop-ethyl exposure-induced meiotic defects in mouse oocytes.

Roundup(®) confers cytotoxicity through DNA damage and Mitochondria-Associated apoptosis induction.

Paraquat exposure delays stem/progenitor Leydig cell regeneration in the adult rat testis.

Transcriptome responses to the natural phytotoxin t-chalcone in *Arabidopsis thaliana* L.

Milli-channel array for direct and quick reading of root elongation bioassays.

Conserved roles of glucose in suppressing reactive oxygen species-induced cell death and animal survival.

Activation of the N-methyl-d-aspartate receptor is involved in glyphosate-induced renal proximal tubule cell apoptosis.

Cytotoxic activity of pentachlorophenol and its active metabolites in SH-SY5Y neuroblastoma cells.

Detoxification, Apoptosis, and Immune Transcriptomic Responses of the Gill Tissue of Bay Scallop Following Exposure to the Algicide Thiazolidinedione 49.

Auxinic herbicides induce oxidative stress on *Cnesterodon decemmaculatus* (Pisces: Poeciliidae).

A new split-luciferase complementation assay identifies pentachlorophenol as an inhibitor of apoptosome formation.

Prenatal exposure to the herbicide 2,4-D is associated with deficits in auditory processing during infancy.

NF- κ B/mTOR-mediated autophagy can regulate diquat-induced apoptosis.

Perinatal Exposure to Glyphosate and a Glyphosate-Based Herbicide Affect Spermatogenesis in Mice.

Use of Pesticides and Health Risk among Farmers in Sunsari District, Nepal.

Melittin Exerts Beneficial Effects on Paraquat-Induced Lung Injuries In Mice by Modifying Oxidative Stress and Apoptosis.

TLR3 is involved in paraquat-induced acute renal injury.

Inhibitory effects of flavonoids on P-glycoprotein in vitro and in vivo: Food/herb-drug interactions and structure-activity relationships.

Mesenchymal Stem Cells Alleviate Acute Lung Injury and Inflammatory Responses Induced by Paraquat Poisoning.

Role of bone marrow mesenchymal stem cells in the development of PQ-induced pulmonary fibrosis.

NADPH oxidase regulates paraquat and maneb-induced dopaminergic neurodegeneration through ferroptosis.

High-Dose Paraquat Induces Human Bronchial 16HBE Cell Death and Aggravates Acute Lung Intoxication in Mice by Regulating Keap1/p65/Nrf2 Signal Pathway.

Inhibition of MAPKs Signaling Pathways Prevents Acrolein-Induced Neurotoxicity in HT22 Mouse Hippocampal Cells.

Paraquat affects the differentiation of neural stem cells and impairs the function of vascular endothelial cells: a study of molecular mechanism.

2,4-Dichlorophenoxyacetic acid containing herbicide impairs essential visually guided behaviors of larval fish.

The Critical Role of X Chromosome-Linked Inhibitor of Apoptosis (XIAP) in Differential Synergism Induced by Pentachlorophenol and Copper-1,10-Phenanthroline Complex in Normal and Cancer Liver Cells.

Protective effects of 3 β -angeloyloxy-8 β , 10 β -dihydroxyremophila-7(11)-en-12, 8 β -lactone on paraquat-induced oxidative injury in SH-SY5Y cells.

Quantitative and Site-Specific Chemoproteomic Profiling of Targets of Acrolein.

How reliable are in vitro IC(50) values? Values vary with cytotoxicity assays in human glioblastoma cells.

Clethodim exposure induces developmental immunotoxicity and neurobehavioral dysfunction in zebrafish embryos.

Fenoxaprop-ethyl affects mouse oocyte quality and the underlying mechanisms.

Visible photodegradation of ibuprofen and 2,4-D in simulated waste water using sustainable metal free-hybrids based on carbon nitride and biochar.

The effects of 100-3 fish oil emulsion-based parenteral nutrition plus combination treatment for acute paraquat poisoning.

Exogenous Tetranectin Protects Against 1-Methyl-4-Phenylpyridine-Induced Neurotoxicity by Inhibiting Apoptosis and Autophagy Through Ribosomal Protein S6 Kinase Beta-1.

Sodium tanshinone IIA sulfate protects myocardium against paraquat-induced toxicity through activating the Nrf2 signaling pathway in rats.

Linalool- and β -terpineol-induced programmed cell death in *Chlamydomonas reinhardtii*.

Atrazine exposure triggers common carp neutrophil apoptosis via the CYP450s/ROS pathway.

Cinnamaldehyde inhibits *Candida albicans* growth by causing apoptosis and its treatment on vulvovaginal candidiasis and oropharyngeal candidiasis.

Cinnamaldehyde enhances apoptotic effect of oxaliplatin and reverses epithelial-mesenchymal transition and stemness in hypoxic colorectal cancer cells.

Effect of Fenofibrate on the Expression of Inflammatory Mediators in a Diabetic Rat Model.

Effect of Vasicinone against Paraquat-Induced MAPK/p53-Mediated Apoptosis via the IGF-1R/PI3K/AKT Pathway in a Parkinson's Disease-Associated SH-SY5Y Cell Model.

Cinnamaldehyde Ameliorates High-Glucose-Induced Oxidative Stress and Cardiomyocyte Injury Through Transient Receptor Potential Ankyrin 1.

[Cinnamaldehyde attenuates lipopolysaccharide induced inflammation and apoptosis in human umbilical vein endothelial cells].

Paraquat Preferentially Induces Apoptosis of Late Stage Effector Lymphocyte and Impairs Memory Immune Response in Mice.

trans-Cinnamaldehyde mitigated intestinal inflammation induced by *Cronobacter sakazakii* in newborn mice.

Selective mitochondrial superoxide generation in vivo is cardioprotective through hormesis.

Upregulated lncRNA small nucleolar RNA host gene 1 promotes 1-methyl-4-phenylpyridinium ion-induced cytotoxicity and reactive oxygen species production through miR-15b-5p/GSK3 β axis in human dopaminergic SH-SY5Y cells.

Acid-responsive nanoparticles as a novel oxidative stress-inducing anticancer therapeutic agent for colon cancer.

Urinary acrolein metabolite levels in severe acute alcoholic hepatitis patients.

Response of DNA damage genes in acrolein-treated lung adenocarcinoma cells.

The potential role of acrolein in plant ferroptosis-like cell death.

In-situ photopolymerized polyhedral oligomeric silsesquioxane-derived monolithic capillary columns with quinidine functionality for enantioseparation by nano-liquid chromatography.

Short-term developmental toxicity and potential mechanisms of the herbicide metamifop to zebrafish (*Danio rerio*) embryos.

Superoxide-hydrogen peroxide imbalance differentially modulates the keratinocytes cell line (HaCaT) oxidative metabolism via Keap1-Nrf2 redox signaling pathway.

Auxin protects *Arabidopsis thaliana* cell suspension cultures from programmed cell death induced by the cellulose biosynthesis inhibitors thaxtomin A and isoxaben.

Short-chain lipid peroxidation products form covalent adducts with pyruvate kinase and inhibit its activity in vitro and in breast cancer cells.

Unsaturated Aldehyde Acrolein Promotes Retinal Glial Cell Migration.

Forkhead box O3 protects the heart against paraquat-induced aging-associated phenotypes by upregulating the expression of antioxidant enzymes.

Anti-cancer effects of cinnamon: Insights into its apoptosis effects.

2,4-D causes oxidative stress induction and apoptosis in human dental pulp stem cells (hDPSCs).

Regulating intracellular ROS signal by a dual pH/reducing-responsive nanogels system promotes tumor cell apoptosis.

An eco-designed paper-based algal biosensor for nanoformulated herbicide optical detection.

Chlorogenic acid prevents paraquat-induced apoptosis via Sirt1-mediated regulation of redox and mitochondrial function.

Atrazine or bisphenol A mediated negative modulation of mismatch repair gene, mlh1 leads to defective oogenesis and reduced female fertility in *Drosophila melanogaster*.

Towards integrated multi-sensor platform using dual electrochemical and optical detection for on-site pollutant detection in water.

Redox-dependent catalase mimetic cerium oxide-based nanozyme protect human hepatic cells from 3-AT induced acatalasemia.

Amplification of Oxidative Stress in MCF-7 Cells by a Novel pH-Responsive Amphiphilic Micellar System Enhances Anticancer Therapy.

Effective attenuation of glyphosate-induced oxidative stress and granulosa cell apoptosis by vitamins C and E in caprines.

Transgenerational impairment of ovarian induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) associated with Igf2 and H19 in adult female rat.

The gut microbiota and its relationship with chronic kidney disease.

Dioxin-like (DL-) polychlorinated biphenyls induced immunotoxicity through apoptosis in mice splenocytes via the AhR mediated mitochondria dependent signaling pathways.

LncRNA-241 inhibits 1,2-Dichloroethane-induced hepatic apoptosis.

Lesion of the Locus Coeruleus Damages Learning and Memory Performance in Paraquat and Maneb-induced Mouse Parkinson's Disease Model.

Common differentially expressed proteins were found in mouse cleft palate models induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin and retinoic acid.

NLRX1 Regulation Following Acute Mitochondrial Injury.

Creatine is Neuroprotective to Retinal Neurons In Vitro But Not In Vivo.

Borax Alleviates Copper-Induced Renal Injury via Inhibiting the DNA Damage and Apoptosis in Rainbow Trout.

Flow Cytometry Reveals the Nature of Oncotic Cells.

Gene expression and DNA methylation regulation of arsenic in mouse bladder tissues and in human urothelial cells.

Dietary CCPS from bitter melon attenuates sodium arsenite induced female reproductive ailments cum infertility in wistar rats: anti-inflammatory and anti-apoptotic role.

Targetome analysis of chaperone-mediated autophagy in cancer cells.

Divergent Synthesis and Evaluation of the in vitro Cytotoxicity Profiles of 3,4-Ethylenedioxythiophenyl-2-propen-1-one Analogues.

Suppression of the photoparoxysmal response in photosensitive epilepsy with cenobamate (YKP3089).

Gene expression alterations of human liver cancer cells following borax exposure.

Arsenic and sulfur dioxide co-exposure induce renal injury via activation of the NF- κ B and caspase signaling pathway.

Disruption of Telomere Integrity and DNA Repair Machineries by KML001 Induces T Cell Senescence, Apoptosis, and Cellular Dysfunctions.

In Vitro Study of the Anticancer Effects of Biotechnological Extracts of the Endangered Plant Species *Satureja Khuzistanica*.

High temperature aggravates the effects of pesticides in goldfish.

Sodium arsenite augments sensitivity of *Echinococcus granulosus* protoscoleces to albendazole.

Pulmonary hypertension secondary to congenital diaphragmatic hernia: factors and pathways involved in pulmonary vascular remodeling.

Aryl hydrocarbon receptor (AHR) functions in NAD(+) metabolism, myelopoiesis and obesity.

Intracellular Fe(2+) accumulation in endothelial cells and pericytes induces blood-brain barrier dysfunction in secondary brain injury after brain hemorrhage.

Mangiferin alleviates arsenic induced oxidative lung injury via upregulation of the Nrf2-HO1 axis.

2,3,7,8-tetrachlorodibenzo-p-dioxin suppresses the growth of human colorectal cancer cells in vitro: Implication of the aryl hydrocarbon receptor signaling.

Role of thymoquinone and ebselen in the prevention of sodium arsenite-induced nephrotoxicity in female rats.

Role of Aryl Hydrocarbon Receptor (AhR) in the Regulation of Immunity and Immunopathology During *Trypanosoma cruzi* Infection.

Development of iron(II) sulfate nanoparticles produced by hot-melt extrusion and their therapeutic potentials for colon cancer.

Sodium azide induces mitochondria-mediated apoptosis in PC12 cells through Pgc-1-associated signaling pathway.

hsa-miR-500a-3P alleviates kidney injury by targeting MLKL-mediated necroptosis in renal epithelial cells.

Exposure to 3-methyl-4-nitrophenol facilitates development of intestinal allergy.

Aryl hydrocarbon receptor pathway participates in myocardial ischemia reperfusion injury by regulating mitochondrial apoptosis.

Tropolone-induced effects on the unfolded protein response pathway and apoptosis in multiple myeloma cells are dependent on iron.

A ruthenium(II) complex containing a p-cresol group induces apoptosis in human cervical carcinoma cells through endoplasmic reticulum stress and reactive oxygen species production.

Cytotoxic and genotoxic effect of oxyfluorfen on hemocytes of *Biomphalaria glabrata*.

Targeted deletion of the aryl hydrocarbon receptor in dendritic cells prevents thymic atrophy in response to dioxin.

TUDCA-Treated Mesenchymal Stem Cells Protect against ER Stress in the Hippocampus of a Murine Chronic Kidney Disease Model.

Endoplasmic reticulum stress response is activated in pulmonary hypoplasia secondary to congenital diaphragmatic hernia, but is decreased by administration of amniotic fluid stem cells.

Assessment of the nitrofen model of congenital diaphragmatic hernia and of the dysregulated factors involved in pulmonary hypoplasia.

Novel metabolites from *Trichoderma atroviride* against human prostate cancer cells and their inhibitory effect on *Helicobacter pylori* and Shigella toxin producing *Escherichia coli*.

Long-term arsenite exposure induces testicular toxicity by redox imbalance, G2/M cell arrest and apoptosis in mice.

Ameliorative effects of crocin on paraquat-induced oxidative stress in testis of adult mice: An experimental study.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Disrupts Control of Cell Proliferation and Apoptosis in a Human Model of Adult Liver Progenitors.

Catalpol protects against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cytotoxicity in osteoblastic MC3T3-E1 cells.

Synthesis of Pyridyl and N-Methylpyridinium Analogues of Rosamines: Relevance of Solvent and Charge on Their Photophysical Properties.

Combination of yeast-based *in vitro* screens with high-performance thin-layer chromatography as a novel tool for the detection of hormonal and dioxin-like compounds.

Anthropogenic contaminants of high concern: Existence in water resources and their adverse effects.

Synthesis, photophysical and photobiological characterization of BSA nanoparticles loaded with chloroaluminium phthalocyanine by one-step desolvation technique for photodynamic therapy action.

Weed Detection in Perennial Ryegrass With Deep Learning Convolutional Neural Network.

8-Formyllophipogonanone B Antagonizes Paraquat-Induced Hepatotoxicity by Suppressing Oxidative Stress.

Botrysphin D attenuates arsenic-induced oxidative stress in human lung epithelial cells via activating Nrf2/ARE signaling pathways.

Nrf2-regulated miR-380-3p Blocks the Translation of Sp3 Protein and Its Mediation of Paraquat-Induced Toxicity in Mouse Neuroblastoma N2a Cells.

Sensitive monitoring of RNA transcription by optical amplification of cationic conjugated polymers.

Probiotic *Bacillus* Attenuates Oxidative Stress- Induced Intestinal Injury via p38-Mediated Autophagy.

Neuroprotective effects of anthocyanins and its major component cyanidin-3-O-glucoside (C3G) in the central nervous system: An outlined review.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the differentiation of embryonic stem cells towards pancreatic lineage and pancreatic beta cell function.

Subcellular Targets of Zinc Oxide Nanoparticles During the Aging Process: Role of Cross-talk Between Mitochondrial Dysfunction and Endoplasmic Reticulum Stress in the Genotoxic Response.

Optical generation and control of spatial Riemann waves.

Photodegradation of Myrigalone A, an Allelochemical from *Myrica gale*: Photoproducts and Effect of Terpenes.

Arsenic compounds induce apoptosis through caspase pathway activation in MA-10 Leydig tumor cells.

In-Depth Assessment of the Effect of Sodium Azide on the Optical Properties of Dissolved Organic Matter.

Effect of the SSeCKS-TRAF6 interaction on gastrodin-mediated protection against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced astrocyte activation and neuronal death.

Neuroprotective Role of Selected Antioxidant Agents in Preventing Cisplatin-Induced Damage of Human Neurons In Vitro.

ADAM28 dramatically regulates the biological features of human gingival fibroblasts.

The protective effects of bone mesenchymal stem cells on paraquat-induced acute lung injury via the muc5b and ERK/MAPK signaling pathways.

In vitro investigation to explore the toxicity of different groups of pesticides for an agronomically important rhizosphere isolate *Azotobacter vinelandii*.

Synthesis, characterization, and application of chemically interconnected carbon nanotube monolithic sorbents by photopolymerization in polypropylene caps.

Dioxin and Related Compound Detection: Perspectives for Optical Monitoring.

Flavin Oxidase-Induced ROS Generation Modulates PKC Biphasic Effect of Resveratrol on Endothelial Cell Survival.

Direct readout protonophore induced selective uncoupling and dysfunction of individual mitochondria within cancer cells.

A Nutraceutical Strategy to Slowing Down the Progression of Cone Death in an Animal Model of Retinitis Pigmentosa.

Exposure to arsenic during embryogenesis impairs olfactory sensory neuron differentiation and function into adulthood.

Epidemiology of ocular surface squamous neoplasia in veterans: a retrospective case-control study.

Mitochondria and Nuclei Dual-Targeted Hollow Carbon Nanospheres for Cancer Chemophotodynamic Synergistic Therapy.

Enhancing Rose Bengal-Photosensitized Protein Crosslinking in the Cornea.

Protective Effect of Hesperidin on Sodium Arsenite-Induced Nephrotoxicity and Hepatotoxicity in Rats.

Next-generation sequencing for the detection of microorganisms present in human donor corneal preservation medium.

An In Vitro Study on Mitochondrial Compensatory Response Induced by Gliadin Peptides in Caco-2 Cells.

Effects of acetochlor on neurogenesis and behaviour in zebrafish at early developmental stages.

Synthesis and preclinical evaluation of the CRTH2 antagonist [(11)C]MK-7246 as a novel PET tracer and potential surrogate marker for pancreatic beta-cell mass.

Alpha-lipoic acid attenuates p-cresyl sulfate-induced renal tubular injury through suppression of apoptosis and autophagy in human proximal tubular epithelial cells.

Characterization of the Photophysical Behavior of DFHBI Derivatives: Fluorogenic Molecules that Illuminate the Spinach RNA Aptamer.

Depressive Symptoms After PCB Exposure: Hypotheses for Underlying Pathomechanisms via the Thyroid and Dopamine System.

Excessive Reactive Iron Impairs Hematopoiesis by Affecting Both Immature Hematopoietic Cells and Stromal Cells.

Identification of photoproducts of florasulam in water using UPLC-QTOF-MS.

ABA promotes starch synthesis and storage metabolism in dormant grapevine buds.

Enhancement of corneal epithelium cell survival, proliferation and migration by red light: Relevance to corneal wound healing.

Neuroprotective effects of baicalein in animal models of Parkinson's disease: A systematic review of experimental studies.

Cilostazol Attenuates Retinal Oxidative Stress and Inflammation in a Streptozotocin-Induced Diabetic Animal Model.

TRPA1 Channel as a Regulator of Neurogenic Inflammation and Pain: Structure, Function, Role in Pathophysiology, and Therapeutic Potential of Ligands.

Molecular mechanism involved in cyclophosphamide-induced cardiotoxicity: Old drug with a new vision.

Acute glufosinate-based herbicide treatment in rats leads to increased ocular interleukin-1 β and c-Fos protein levels, as well as intraocular pressure.

BubR1 Is Essential for Thio-Dimethylarsinic Acid-Induced Spindle Assembly Checkpoint and Mitotic Cell Death for Preventing the Accumulation of Abnormal Cells.

Sperm Quality in Mouse After Exposure to Low Doses of TCDD.

Taurine rescues the arsenic-induced injury in the pancreas of rat offsprings and in the INS-1 cells.

Apigenin reverses lung injury and immunotoxicity in paraquat-treated mice.

Bacopa monnieri alleviates paraquat induced toxicity in Drosophila by inhibiting jnk mediated apoptosis through improved mitochondrial function and redox stabilization.

Atrazine induced oxidative stress and mitochondrial dysfunction in quail (*Coturnix C. coturnix*) kidney via modulating Nrf2 signaling pathway.

Differences in apoptotic signaling and toxicity between dimethylmonothioarsinic acid (DMMTA(V)) and its active metabolite, dimethylarsinous acid (DMA(III)), in HepaRG cells: Possibility of apoptosis cascade based on diversity of active metabolites of DMMTA(V).

Genotoxicity by long-term exposure to the auxinic herbicides 2,4-dichlorophenoxyacetic acid and dicamba on *Cnesterodon decemmaculatus* (Pisces: Poeciliidae).

Immunofluorescence/fluorescence assessment of brain-derived neurotrophic factor, c-Fos activation, and apoptosis in the brain of zebrafish (*Danio rerio*) larvae exposed to glufosinate.

LGK974, a PORCUPINE inhibitor, mitigates cytotoxicity in an in vitro model of Parkinson's disease by interfering with the WNT/ β -CATENIN pathway.

Evaluating Mode of Action of Acrolein Toxicity in an In Vitro Human Airway Tissue Model.

Atrazine hinders PMA-induced neutrophil extracellular traps in carp via the promotion of apoptosis and inhibition of ROS burst, autophagy and glycolysis.

Involvement of PINK1/Parkin-mediated mitophagy in paraquat- induced apoptosis in human lung epithelial-like A549 cells.

Müller glial dysfunction during diabetic retinopathy in rats is reduced by the acrolein-scavenging drug, 2-hydrazino-4,6-dimethylpyrimidine.

Pendimethalin-induced oxidative stress, DNA damage and activation of anti-inflammatory and apoptotic markers in male rats.

Modification of Wnt signaling pathway on paraquat-induced inhibition of neural progenitor cell proliferation.

Paraquat-induced inflammatory response of microglia through HSP60/TLR4 signaling.

Toxicity induced by glyphosate and glyphosate-based herbicides in the zebrafish hepatocyte cell line (ZF-L).

A commercial Roundup® formulation induced male germ cell apoptosis by promoting the expression of XAF1 in adult mice.

Protective effects of curcumin on acrolein-induced neurotoxicity in HT22 mouse hippocampal cells.

LC3-II may mediate ATR-induced mitophagy in dopaminergic neurons through SQSTM1/p62 pathway.

Acrolein induces ribotoxic stress in human cancer cells regardless of p53 status.

Acrolein-induced autophagy-dependent apoptosis via activation of the lysosomal-mitochondrial pathway in EAhy926 cells.

NF- κ B/p53-activated inflammatory response involves in diquat-induced mitochondrial dysfunction and apoptosis.

Inorganic arsenic exposure increased expression of Fas and Bax gene in vivo and vitro.

Atrazine promotes immunomodulation by melanomacrophage centre alterations in spleen and vascular disorders in gills from *Oreochromis niloticus*.

Naringin protects acrolein-induced pulmonary injuries through modulating apoptotic signaling and inflammation signaling pathways in mice.

Acrolein, a commonly found environmental toxin, causes oocyte mitochondrial dysfunction and negatively affects embryo development.

Opposite effects of mixtures of commercial formulations of glyphosate with auxinic herbicides on the ten spotted live-bearer fish *Cnesterodon decemmaculatus* (Pisces, Poeciliidae).

Diabetes, Cardiovascular Disorders and 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Body Burden in Czech Patients 50 Years After the Intoxication.

Reduced oxygen tension culturing conditionally alters toxicogenic response of differentiated H9c2 cardiomyoblasts to acrolein.

Toxic effects of cyhalofop-butyl on embryos of the Yellow River carp (*Cyprinus carpio* var.): alters embryos hatching, development failure, mortality of embryos, and apoptosis.

[The effects of Xuebijing injection on apoptosis and expression of regulatory factors TNF- α , NF- κ B and Caspase-3 expression in the lung tissues of acute paraquat-induced rats].

Effects of the chloro-s-triazine herbicide terbuthylazine on DNA integrity in human and mouse cells.

Paraquat initially damages cochlear support cells leading to anoikis-like hair cell death.

Yeast polyubiquitin gene UBI4 deficiency leads to early induction of apoptosis and shortened replicative lifespan.

Atrazine Triggers Mitochondrial Dysfunction and Oxidative Stress in Quail (*Coturnix C. coturnix*) Cerebrum via Activating Xenobiotic-Sensing Nuclear Receptors and Modulating Cytochrome P450 Systems.

Label-free optical biosensor for real-time monitoring the cytotoxicity of xenobiotics: A proof of principle study on glyphosate.

Neuroprotective effects of *Cassia tora* against paraquat-induced neurodegeneration: relevance for Parkinson's disease.

TriPlex™, a waveguide-based fluorescence biosensor for multichannel environmental contaminants detection.

[The anti-inflammatory effect of hesperetin on lung damage induced by paraquat in rats].

Neuroprotective action of 4-Hydroxyisophthalic acid against paraquat-induced motor impairment involves amelioration of mitochondrial damage and neurodegeneration in *Drosophila*.

The influence of natural dissolved organic matter on herbicide toxicity to marine microalgae is species-dependent.

Synergism of mixtures of dicamba and 2,4-dichlorophenoxyacetic acid herbicide formulations on the neotropical fish *Cnesterodon decemmaculatus* (Pisces, Poeciliidae).

Paraquat and MPTP alter microRNA expression profiles, and downregulated expression of miR-17-5p contributes to PQ-induced dopaminergic neurodegeneration.

Fluorochloridone induces primary cultured Sertoli cells apoptosis: Involvement of ROS and intracellular calcium ions-mediated ERK1/2 activation.

Hepatotoxicity of paraquat on common carp (*Cyprinus carpio* L.).

Protective Effects of Olive Leaf Extract on Acrolein-Exacerbated Myocardial Infarction via an Endoplasmic Reticulum Stress Pathway.

A glyphosate micro-emulsion formulation displays teratogenicity in *Xenopus laevis*.

Acrolein toxicity at advanced age: present and future.

Mitochondrial bioenergetics and locomotor activity are altered in zebrafish (*Danio rerio*) after exposure to the bipyridylum herbicide diquat.

Silymarin attenuated paraquat-induced cytotoxicity in macrophage by regulating Trx/TXNIP complex, inhibiting NLRP3 inflammasome activation and apoptosis.

Eukaryotic translation initiation factor 2 subunit 1 (eIF2 β) inhibitor salubrinal attenuates paraquat-induced human lung epithelial-like A549 cell apoptosis by regulating the PERK-eIF2 β signaling pathway.

Arsenite and methylarsonite inhibit mitochondrial metabolism and glucose-stimulated insulin secretion in INS-1 832/13 β cells.

[The protective effect of Xuebijing on paraquat-induced HK-2 cells apoptosis and the underlying mechanisms].

MnTMPyP inhibits paraquat-induced pulmonary epithelial-like cell injury by inhibiting oxidative stress.

Necrosis in human neuronal cells exposed to paraquat.

Paraquat affects mitochondrial bioenergetics, dopamine system expression, and locomotor activity in zebrafish (*Danio rerio*).

Neuroprotective Effects of Baicalein on Acrolein-induced Neurotoxicity in the Nigrostriatal Dopaminergic System of Rat Brain.

TRPM2 Promotes Neurotoxin MPP(+)/MPTP-Induced Cell Death.

Trans-cinnamaldehyde Modulates Hippocampal Nrf2 Factor and Inhibits Amyloid Beta Aggregation in LPS-Induced Neuroinflammation Mouse Model.

Stereoisomeric guaiacylglycerol- β -coniferyl aldehyde ether induces distinctive apoptosis by downregulation of MEK/ERK pathway in hepatocellular carcinoma cells.

Protective Effects of a Rho Kinase Inhibitor on Paraquat-Induced Acute Lung Injuries in Rats.

Cytotoxicity of the natural herbicidal chemical, berberine, on *Nicotiana tabacum* Bright yellow-2 cells.

Novel cinnamaldehyde-based aspirin derivatives for the treatment of colorectal cancer.

Orthogonal self-assembly of an organoplatinum(II) metallacycle and cucurbit[8]uril that delivers curcumin to cancer cells.

Aldehyde dehydrogenase 2 activation ameliorates cyclophosphamide-induced acute cardiotoxicity via detoxification of toxic aldehydes and suppression of cardiac cell death.

Necrostatin-1 Protects Against Paraquat-Induced Cardiac Contractile Dysfunction via RIP1-RIP3-MLKL-Dependent Necroptosis Pathway.

Neutrophil extracellular traps in acrolein promoted hepatic ischemia reperfusion injury: Therapeutic potential of NOX2 and p38MAPK inhibitors.

6-OHDA-induced dopaminergic neurodegeneration in *Caenorhabditis elegans* is promoted by the engulfment pathway and inhibited by the transthyretin-related protein TTR-33.

Mutations in *Caenorhabditis elegans* neuroigin-like glit-1, the apoptosis pathway and the calcium chaperone crt-1 increase dopaminergic neurodegeneration after 6-OHDA treatment.

Orofacial antinociceptive effect of *Mimosa tenuiflora* (Willd.) Poiret.

Anti-inflammatory effect of cinnamaldehyde and linalool from the leaf essential oil of *Cinnamomum osmophloeum* Kanehira in endotoxin-induced mice.

Hesperetin mitigates acrolein-induced apoptosis in lung cells in vitro and in vivo.

Acrolein induces NLRP3 inflammasome-mediated pyroptosis and suppresses migration via ROS-dependent autophagy in vascular endothelial cells.

Integrin targeting of glyphosate and its cell adhesion modulation effects on osteoblastic MC3T3-E1 cells revealed by label-free optical biosensing.

Synthesis and characterization of Sb(2)S(3)-CeO(2)/chitosan-starch as a heterojunction catalyst for photo-degradation of toxic herbicide compound: Optical, photo-reusable, antibacterial and antifungal performances.

Photolysis of clethodim herbicide and a formulation in aquatic environments: Fate and ecotoxicity assessment of photoproducts by QSAR models.

Cytotoxicity of chemical constituents from *Toricellia tiliifolia* DC. on *Spodoptera litura* (SL-1) cells.

Retinoic acid co-treatment aggravates severity of dioxin-induced skin lesions in hairless mice via induction of inflammatory response.

Flavin homeostasis in the mouse retina during aging and degeneration.

Head skeleton malformations in zebrafish (*Danio rerio*) to assess adverse effects of mixtures of compounds.

Increases in bioactive lipids accompany early metabolic changes associated with β -cell expansion in response to short-term high-fat diet.

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin promotes inflammation in mouse testes: The critical role of *Klotho* in Sertoli cells.

miR-145 via targeting *ERCC2* is involved in arsenite-induced DNA damage in human hepatic cells.

Uremic Toxins Activates Na/K-ATPase Oxidant Amplification Loop Causing Phenotypic Changes in Adipocytes in In Vitro Models.

Aryl hydrocarbon receptor, a tumor grade-associated marker of oral cancer, is directly downregulated by polydatin: A pilot study.

Lung function and pulmonary artery blood flow following prenatal maternal retinoic acid and imatinib in the nitrofen model of congenital diaphragmatic hernia.

Pesticides and cardiotoxicity. Where do we stand?

Sensitization of colorectal cancer cells to irinotecan by the Survivin inhibitor LLP3 depends on XAF1 proficiency in the context of mutated p53.

Selective synthesis of 7-O-substituted luteolin derivatives and their melanogenesis and proliferation inhibitory activity in B16 melanoma cells.

The citrus flavonone hesperetin attenuates the nuclear translocation of aryl hydrocarbon receptor.

N(6)-methyladenosine mediates the cellular proliferation and apoptosis via microRNAs in arsenite-transformed cells.

A splicing mutation in aryl hydrocarbon receptor associated with retinitis pigmentosa.

Phenol and chlorinated phenols exhibit different apoptotic potential in human red blood cells (in vitro study).

2,3,7,8-Tetrachlorodibenzo-p-dioxin dose-dependently increases bone mass and decreases marrow adiposity in juvenile mice.

TLQP Peptides in Amyotrophic Lateral Sclerosis: Possible Blood Biomarkers with a Neuroprotective Role.

The Effect of Boric Acid and Borax on Oxidative Stress, Inflammation, ER Stress and Apoptosis in Cisplatin Toxication and Nephrotoxicity Developing as a Result of Toxication.

Protective Effect of Azadirachta indica and Vitamin E Against Arsenic Acid-Induced Genotoxicity and Apoptosis in Rats.

Loss of the Thioretinaco Ozonide Oxygen Adenosine Triphosphate Complex from Mitochondria Produces Mitochondrial Dysfunction and Carcinogenesis.

The effect of ellagic acid on photodynamic therapy in leukemia cells.

Optically-controlled bacterial metabolite for cancer therapy.

Quercetin-3-O- β -l-arabinopyranoside protects against retinal cell death via blue light-induced damage in human RPE cells and Balb-c mice.

Role of Peroxiredoxin 2 in the Protection Against Ferrous Sulfate-Induced Oxidative and Inflammatory Injury in PC12 Cells.

Carnosine attenuates cyclophosphamide-induced bone marrow suppression by reducing oxidative DNA damage.

The AKT/BCL-2 Axis Mediates Survival of Uterine Leiomyoma in a Novel 3D Spheroid Model.

The impaired immune function and structural integrity by dietary iron deficiency or excess in gill of fish after infection with Flavobacterium columnare: Regulation of NF- κ B, TOR, JNK, p38MAPK, Nrf2 and MLCK signalling.

Metabolic characterization of human aqueous humor in the cataract progression after pars plana vitrectomy.

[Effects of prenatal tetrandrine treatment on the expression of Kruppel-like factor 5 and Survivin in the lung of congenital diaphragmatic hernia rat model induced by nitrofen].

Arsenic exposure induces glucose intolerance and alters global energy metabolism.

Associations Between Disinfection By-Product Exposures and Craniofacial Birth Defects.

Redox cycling induces spermtosis and necrosis in stallion spermatozoa while the hydroxyl radical (OH \cdot) only induces spermtosis.

Arsenic Induces Thioredoxin 1 and Apoptosis in Human Liver HHL-5 Cells.

Circular RNA BARD1 (Hsa_circ_0001098) overexpression in breast cancer cells with TCDD treatment could promote cell apoptosis via miR-3942/BARD1 axis.

Latent forms of the carious lesion of human lower third molars.

Novel Protective Effects of Cistanche Tubulosa Extract Against Low-Luminance Blue Light-Induced Degenerative Retinopathy.

Novel insight into circular RNA HECTD1 in astrocyte activation via autophagy by targeting MIR142-TIPARP: implications for cerebral ischemic stroke.

Epigenetic Therapy: Novel Translational Implications for Arrest of Environmental Dioxin-Induced Disease in Females.

Neuroprotective effects of hydrogen sulfide on sodium azide-induced oxidative stress in PC12 cells.

Cyano-Based Materials with Giant Optical Anisotropy and Second Harmonic-Generation Effect.

Modifying aroylhydrazone prochelators for hydrolytic stability and improved cytoprotection against oxidative stress.

Toxicological effects of 3-methyl-4-nitrophenol on mouse ovarian and testicular cell proliferation, apoptosis and oocyte maturation.

Differences in reproductive toxicity of TBBPA and TCBPA exposure in male *Rana nigromaculata*.

Pesticide-Poisoned Patients: Can They Be Used as Potential Organ Donors?

Ozone and chlorine reactions with dissolved organic matter - Assessment of oxidant-reactive moieties by optical measurements and the electron donating capacities.

Developmental Neurotoxicity of Arsenic: Involvement of Oxidative Stress and Mitochondrial Functions.

Crystalline Dioxin-Linked Covalent Organic Frameworks from Irreversible Reactions.

Photophysical properties and photodynamic therapy activity of highly water-soluble Zn(II) phthalocyanines.

Simultaneous determination of enantiomers of carfentrazone-ethyl and its metabolite in eight matrices using high-performance liquid chromatography with tandem mass spectrometry.

Pioglitazone Protects Mesenchymal Stem Cells against P-Cresol-Induced Mitochondrial Dysfunction via Up-Regulation of PINK-1.

Preparation and Optimization of Optical pH Sensor Based on Sol-Gel.

Bushfire smoke is pro-inflammatory and suppresses macrophage phagocytic function.

Arsenic-containing hydrocarbons disrupt a model in vitro blood-cerebrospinal fluid barrier.

The effect of crocin on testicular tissue and sperm parameters of mice offspring from mothers exposed to atrazine during pregnancy and lactation periods: An experimental study.

Aryl Hydrocarbon Receptor Regulates Apoptosis and Inflammation in a Murine Model of Experimental Autoimmune Uveitis.

Author Correction: Next generation histology methods for three-dimensional imaging of fresh and archival human brain tissues.

Safety evaluation of genetically modified DAS-40278-9 maize in a subchronic rodent feeding study.

The impact of short-chain fatty acids on GLP-1 and PYY secretion from the isolated perfused rat colon.

UV-Photochemistry of the Disulfide Bond: Evolution of Early Photoproducts from Picosecond X-ray Absorption Spectroscopy at the Sulfur K-Edge.

From Mesocates to Helicates: Structural, Magnetic and Chiro-Optical Studies on Nickel(II) Supramolecular Assemblies Derived from Tetradentate Schiff Bases.

27-Deoxyactein prevents 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cellular damage in MC3T3-E1 osteoblastic cells.

Drosophila Voltage-Gated Calcium Channel $\hat{1}\pm 1$ -Subunits Regulate Cardiac Function in the Aging Heart.

Suppression of the IgM Response by Aryl Hydrocarbon Receptor Activation in Human Primary B Cells Involves Impairment of Immunoglobulin Secretory Processes.

Palmitic acid induces neurotoxicity and gliotoxicity in SH-SY5Y human neuroblastoma and T98G human glioblastoma cells.

Comparative live-imaging of in vivo EROD (ethoxyresorufin-O-deethylase) induction in zebrafish (*Danio rerio*) and fathead minnow (*Pimephales promelas*) embryos after exposure to PAHs and river sediment extracts.

Some adverse actions of chlorothalonil at sublethal levels in rat thymic lymphocytes: Its relation to Zn(2).

Ophthalmic acid is a marker of oxidative stress in plants as in animals.

Arsenic Attenuates Heparin-Binding EGF-Like Growth Factor/EGFR Signaling That Promotes Matrix Metalloprotease 9-Dependent Astrocyte Damage in the Developing Rat Brain.

Integrated metabolic models for xenobiotic induced mitochondrial toxicity in skeletal muscle.

The aryl hydrocarbon receptor and retinoid receptors cross-talk at the CYP1A1 promoter in vitro.

Urinary p-cresol diagnosis using nanocomposite of ZnO/MoS(2) and molecular imprinted polymer on optical fiber based lossy mode resonance sensor.

Bisphenol A is an exogenous toxin that promotes mitochondrial injury and death in tubular cells.

Phenyl sulfate, indoxyl sulfate and p-cresyl sulfate decrease glutathione level to render cells vulnerable to oxidative stress in renal tubular cells.

Synthesis and Cytotoxic Evaluation of 1H-1,2,3-Triazol-1-ylmethyl-2,3-dihydronaphtho[1,2-b]furan-4,5-diones.

Modification and quantification of in vivo EROD live-imaging with zebrafish (*Danio rerio*) embryos to detect both induction and inhibition of CYP1A.

Pendimethalin induces oxidative stress, DNA damage, and mitochondrial dysfunction to trigger apoptosis in human lymphocytes and rat bone-marrow cells.

Pink1 attenuates propofol-induced apoptosis and oxidative stress in developing neurons.

Complex mixtures of dissolved pesticides show potential aquatic toxicity in a synoptic study of Midwestern U.S. streams.

Nanosensing of Pesticides by Zinc Oxide Quantum Dot: An Optical and Electrochemical Approach for the Detection of Pesticides in Water.

Arsenite exposure potentiates apoptosis-inducing effects of tumor necrosis factor- α - through reactive oxygen species.

Imbalance of Th17/Treg in the Pathogenesis of Mice with Paraquat-induced Acute Lung Injury.

Cytogenetic damage in peripheral blood lymphocytes of children exposed to pesticides in agricultural areas of the department of Cordoba, Colombia.

The potential protective role of Akropower against Atrazine- induced humoral immunotoxicity in rabbits.

Glyphosate and Roundup(®) alter morphology and behavior in zebrafish.

Acrolein Disrupts Tight Junction Proteins and Causes Endoplasmic Reticulum Stress-Mediated Epithelial Cell Death Leading to Intestinal Barrier Dysfunction and Permeability.

Intracellular Ca(2+) is an essential factor for cell damage induced by unsaturated carbonyl compounds.

Effectiveness of heparin eye drops in paraquat-induced ocular injury.

Acute toxicity of organic antifouling biocides to phytoplankton *Nitzschia pungens* and zooplankton *Artemia* larvae.

Synthesis and herbicidal activity of optically active $\hat{\pm}$ -(substituted phenoxyacetoxy) (substituted phenyl) methylphosphonates.

Epi/perineural and Schwann Cells as Well as Perineural Sheath Integrity are Affected Following 2,4-D Exposure.

Effects of a glyphosate-based herbicide in pejerrey *Odontesthes humensis* embryonic development.

[Mono-carbonyl analogues of curcumin prevents paraquat-induced apoptosis in HK-2 cell line by inhibiting oxidative damage and inflammation].

Exposure to 2,4-dichlorophenoxyacetic acid induces oxidative stress and apoptosis in mouse testis.

Toxicity of two classes of arsenolipids and their water-soluble metabolites in human differentiated neurons.

Maternal linuron exposure alters testicular development in male offspring rats at the whole genome level.

Role of metabolites of cyclophosphamide in cardiotoxicity.

JWA antagonizes paraquat-induced neurotoxicity via activation of Nrf2.

JNK Inhibitor SP600125 Attenuates Paraquat-Induced Acute Lung Injury: an In Vivo and In Vitro Study.

Biological impacts of glyphosate on morphology, embryo biomechanics and larval behavior in zebrafish (*Danio rerio*).

Toxic effects of glyphosate on diploid and triploid fin cell lines from *Misgurnus anguillicaudatus*.

Paraquat induces extrinsic pathway of apoptosis in A549 cells by induction of DR5 and repression of anti-apoptotic proteins, DDX3 and GSK3 expression.

Early developmental exposure to pentachlorophenol causes alterations on mRNA expressions of caspase protease family in zebrafish embryos.

An approach to clarify the effect mechanism of glyphosate on body malformations during embryonic development of zebrafish (*Danio rerio*).

Interpreting surveys to estimate the size of the monarch butterfly population: Pitfalls and prospects.

Crosstalk between Mitochondrial Fission and Oxidative Stress in Paraquat-Induced Apoptosis in Mouse Alveolar Type II Cells.

Acrolein Can Cause Cardiovascular Disease: A Review.

Toxic effects of atrazine on porcine oocytes and possible mechanisms of action.

In vitro cytotoxicity assessment of roundup (glyphosate) in L-02 hepatocytes.

Ocular exposure to paraquat resulting in keratopathy, pseudomembranous conjunctivitis and symblepharon.

Age-dependent changes in sensitivity to a pesticide in tadpoles of the common toad (*Bufo bufo*).

Toll-like receptor 9 mediates paraquat-induced acute lung injury: an in vitro and in vivo study.

[The study of using salvianolate treat acute lung injury in rats induced by paraquat].

Effects of atrazine and chlorothalonil on the reproductive success, development, and growth of early life stage sockeye salmon (*Oncorhynchus nerka*).

Dendritic cells' death induced by contact sensitizers is controlled by Nrf2 and depends on glutathione levels.

[The study of using cordyceps-astragalus-salvia miltiorrhiza to treat acute lung injury induced by paraquat poisoning in rats].

Acrolein acts as a neurotoxin in the nigrostriatal dopaminergic system of rat: involvement of α -synuclein aggregation and programmed cell death.

Lichen microalgae are sensitive to environmental concentrations of atrazine.

Ablation of Akt2 prevents paraquat-induced myocardial mitochondrial injury and contractile dysfunction: Role of Nrf2.

Physiological effects and toxin release in *Microcystis aeruginosa* and *Microcystis viridis* exposed to herbicide fenoxaprop-p-ethyl.

Atrazine triggers hepatic oxidative stress and apoptosis in quails (*Coturnix C. coturnix*) via blocking Nrf2-mediated defense response.

Oxidative damage of the male reproductive system induced by paraquat.

Fast pesticide detection inside microfluidic device with integrated optical pH, oxygen sensors and algal fluorescence.

Photodegradation behaviour of sethoxydim and its commercial formulation Poast(®) under environmentally-relevant conditions in aqueous media. Study of photoproducts and their toxicity.

A glyphosate-based herbicide induces histomorphological and protein expression changes in the liver of the female guppy *Poecilia reticulata*.

Mixtures of herbicides and metals affect the redox system of honey bees.

Toll-like receptor 4 ablation rescues against paraquat-triggered myocardial dysfunction: Role of ER stress and apoptosis.

Protective effects of activated signaling pathways by insulin on C6 glial cell model of MPP(+)-induced Parkinson's disease.

[Alterations of miRNA profiles and function analysis in paraquat-induced apoptosis of hNPCs].

[Effect of atrazine on apoptosis in cultured rat Sertoli cells].

Idh2 Deficiency Exacerbates Acrolein-Induced Lung Injury through Mitochondrial Redox Environment Deterioration.

Resveratrol and Montelukast Alleviate Paraquat-Induced Hepatic Injury in Mice: Modulation of Oxidative Stress, Inflammation, and Apoptosis.

Liver X Receptor Agonist TO901317 Attenuates Paraquat-Induced Acute Lung Injury through Inhibition of NF- κ B and JNK/p38 MAPK Signal Pathways.

Curcumin attenuates paraquat-induced cell death in human neuroblastoma cells through modulating oxidative stress and autophagy.

Oxidative stress intensity-related effects of cadmium (Cd) and paraquat (PQ) on UV-damaged-DNA binding and excision repair activities in zebrafish (*Danio rerio*) embryos.

Soluble Vascular Adhesion Protein-1 Mediates Spermine Oxidation as Semicarbazide-Sensitive Amine Oxidase: Possible Role in Proliferative Diabetic Retinopathy.

Cinnamaldehyde induces cell apoptosis mediated by a novel circular RNA hsa_circ_0043256 in non-small cell lung cancer.

Zn doped CdO nanoparticles: Structural, morphological, optical, photocatalytic and anti-bacterial properties.

Fusarium infection causes genotoxic disorders and antioxidant-based damages in *Orobancha* spp.

Clathrin-Dependent Uptake of Paraquat into SH-SY5Y Cells and Its Internalization into Different Subcellular Compartments.

Cinnamomum verum ingredient 2-methoxycinnamaldehyde: a new antiproliferative drug targeting topoisomerase I and II in human lung squamous cell carcinoma NCI-H520 cells.

Curcumin Rescues a PINK1 Knock Down SH-SY5Y Cellular Model of Parkinson's Disease from Mitochondrial Dysfunction and Cell Death.

In vitro antioxidant activities of resveratrol, cinnamaldehyde and their synergistic effect against cyadox-induced cytotoxicity in rabbit erythrocytes.

Cinnamaldehyde induces apoptosis and reverses epithelial-mesenchymal transition through inhibition of Wnt/ β -catenin pathway in non-small cell lung cancer.

Cytotoxicity and cellular response mechanisms of water-soluble platinum(II) complexes of lidocaine and phenylcyanamide derivatives.

Cinnamomum cassia essential oil and its major constituent cinnamaldehyde induced cell cycle arrest and apoptosis in human oral squamous cell carcinoma HSC-3 cells.

Localization of Acrolein-Lysine Adduct in Fibrovascular Tissues of Proliferative Diabetic Retinopathy.

Unusual arsenic metabolism in Giant Pandas.

Protective effect of cinnamaldehyde against glutamate-induced oxidative stress and apoptosis in PC12 cells.

Cinnamaldehyde protects human dental pulp cells against oxidative stress through the Nrf2/HO-1-dependent antioxidant response.

Synthesis, Optical Properties, and DNA Interaction of New Diquats Based on Triazolopyridines and Triazoloquinolines.

A 3D-Printed, Portable, Optical-Sensing Platform for Smartphones Capable of Detecting the Herbicide 2,4-Dichlorophenoxyacetic Acid.

Combination of quercetin, cinnamaldehyde and hirudin protects rat dorsal root ganglion neurons against high glucose-induced injury through Nrf-2/HO-1 activation and NF- κ B inhibition.

siRNA-based Analysis of the Abrogation of the Protective Function of Membrane-associated Catalase of Tumor Cells.

Isoflavones Induce BEX2-Dependent Autophagy to Prevent ATR-Induced Neurotoxicity in SH-SY5Y Cells.

The Cystic Fibrosis Transmembrane Conductance Regulator Potentiator Ivacaftor Augments Mucociliary Clearance Abrogating Cystic Fibrosis Transmembrane Conductance Regulator Inhibition by Cigarette Smoke.

Chloracne in a Farming Family.

2,3,7,8-Tetrachlorodibenzo-p-dioxin influences bovine herpesvirus 1 replication through upregulation of SIRT3 and cytoskeletal reorganization.

Investigation on effect of basalin coated silver nanoparticles as antioxidant for alleviating peripheral neuropathy in mice treated with oxaliplatin.

Antitumoral effect of arsenic compound, sodium metaarsenite (KML001), on multiple myeloma cells.

Experimental oral iron administration: Histological investigations and expressions of iron handling proteins in rat retina with aging.

Elucidation of protective efficacy of Pentahydroxy flavone isolated from *Madhuca indica* against arsenite-induced cardiomyopathy: Role of Nrf-2, PPAR- γ , c-fos and c-jun.

Maternal Resveratrol Treatment Reduces the Risk of Mammary Carcinogenesis in Female Offspring Prenatally Exposure to 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Effects of Commonly Used Pesticides in China on the Mitochondria and Ubiquitin-Proteasome System in Parkinson's Disease.

Apoptosis signal-regulating kinase 1 inhibition attenuates cardiac hypertrophy and cardiorenal fibrosis induced by uremic toxins: Implications for cardiorenal syndrome.

Enoxacin with UVA Irradiation Induces Apoptosis in the AsPC1 Human Pancreatic Cancer Cell Line Through ROS Generation.

The neurotoxicant PCB-95 by increasing the neuronal transcriptional repressor REST down-regulates caspase-8 and increases Ripk1, Ripk3 and MLKL expression determining necroptotic neuronal death.

Research on the effect of formononetin on photodynamic therapy in K562 cells.

Live cell imaging of bacterial cells: Pyrenoylpyrrole-based fluorescence labeling.

Carnosic Acid Protects Mitochondria of Human Neuroblastoma SH-SY5Y Cells Exposed to Paraquat Through Activation of the Nrf2/HO-1 Axis.

Synergistic therapy of chemotherapeutic drugs and MTH1 inhibitors using a pH-sensitive polymeric delivery system for oral squamous cell carcinoma.

Visual light effects on mitochondria: The potential implications in relation to glaucoma.

Predicting tyrosinaemia: a mathematical model of 4-hydroxyphenylpyruvate dioxygenase inhibition by nitrosonone in rats.

Cytotoxic effect of TDZ on human cervical cancer cells.

Near infra-red light attenuates corneal endothelial cell dysfunction in situ and in vitro.

Tert-butylhydroquinone protects PC12 cells against ferrous sulfate-induced oxidative and inflammatory injury via the Nrf2/ARE pathway.

Multidirectional inhibition of cortico-hippocampal neurodegeneration by kolaviron treatment in rats.

Pesticide Use and Age-Related Macular Degeneration in the Agricultural Health Study.

KML001 and doxercalciferol induce synergistic antileukemic effect in acute lymphoid leukemia cells.

Ergothioneine products derived by superoxide oxidation in endothelial cells exposed to high-glucose.

Indole-3-carbinol, a plant nutrient and AhR-Ligand precursor, supports oral tolerance against OVA and improves peanut allergy symptoms in mice.

The decreased growth performance and impaired immune function and structural integrity by dietary iron deficiency or excess are associated with TOR, NF- κ B, p38MAPK, Nrf2 and MLCK signaling in head kidney, spleen and skin of grass carp (*Ctenopharyngodon idella*).

Imazamethabenz inhibits human breast cancer cell proliferation, migration and invasion via combination with Pin1.

Suppressed erythropoietin expression in a nitrofen-induced congenital diaphragmatic hernia.

Lower concentrations of receptor for advanced glycation end products and epiregulin in amniotic fluid correlate to chemically induced cleft palate in mice.

Inhibition of Kupffer cell functions modulates arsenic intoxication in Wistar rats.

Intracellular ATP in balance of pro- and anti-inflammatory cytokines in adipose tissue with and without tissue expansion.

IL-27 triggers IL-10 production in Th17 cells via a c-Maf/ROR γ t/Blimp-1 signal to promote the progression of endometriosis.

Role of Glutathione Peroxidase 4 in Corneal Endothelial Cells.

Comparative Study of Folic Acid and β -Naphthoflavone on Reducing TCDD-Induced Cleft Palate in Fetal Mice.

Severe Self-Inflicted Acute Ocular Siderosis Caused by an Iron Tablet in the Conjunctival Fornix.

Mitochondrial Uncoupler Prodrug of 2,4-Dinitrophenol, MP201, Prevents Neuronal Damage and Preserves Vision in Experimental Optic Neuritis.

Photophysical, calf thymus DNA binding and in vitro photocytotoxicity properties of tetra-morpholinoethoxy-substituted phthalocyanines and their water-soluble quaternized derivatives.

Actein alleviates 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated cellular dysfunction in osteoblastic MC3T3-E1 cells.

2, 3, 7, 8-Tetrachlorodibenzo-p-dioxin promotes endothelial cell apoptosis through activation of EP3/p38MAPK/Bcl-2 pathway.

Evaluation of the safety of a genetically modified DAS-444 $\tilde{\sim}$ 6-6 soybean meal and hulls in a 90-day dietary toxicity study in rats.

Mdivi $\tilde{\sim}$ 1 attenuates sodium azide $\tilde{\sim}$ induced apoptosis in H9c2 cardiac muscle cells.

All-Trans Retinoic Acid Ameliorates Arsenic-Induced Oxidative Stress and Apoptosis in the Rat Uterus by Modulating MAPK Signaling Proteins.

Paraquat and MPTP induce neurodegeneration and alteration in the expression profile of microRNAs: the role of transcription factor Nrf2.

Optical Sensing of Weed Infestations at Harvest.

Visible-Light Neural Stimulation on Graphitic-Carbon Nitride/Graphene Photocatalytic Fibers.

Transcriptomic and Functional Analyses on the Effects of Dioxin on Insulin Secretion of Pancreatic Islets and β -Cells.

Cu(II) immobilized on Fe₃O₄@APTMS-DFX nanoparticles: an efficient catalyst for the synthesis of 5-substituted 1H-tetrazoles with cytotoxic activity.

The prophylactic effect of *Acetobacter syzygii* probiotic species against squamous cell carcinoma.

Acrolein induces mtDNA damages, mitochondrial fission and mitophagy in human lung cells.

Sodium Arsenite-Induced Learning and Memory Impairment Is Associated with Endoplasmic Reticulum Stress-Mediated Apoptosis in Rat Hippocampus.

Epigenetic Regulation by Agonist-Specific Aryl Hydrocarbon Receptor Recruitment of Metastasis-Associated Protein 2 Selectively Induces Stanniocalcin 2 Expression.

Two pathways of photoproduction of organic hydroperoxides on the donor side of photosystem 2 in subchloroplast membrane fragments.

Deficiency of long isoforms of Nfe2l1 sensitizes MIN6 pancreatic β cells to arsenite-induced cytotoxicity.

Bone morphogenetic protein 7 alleviates paraquat-induced pulmonary fibrosis via TGF- β 1/Erk1/2 pathway.

Overexpression of p58ipk protects neuroblastoma against paraquat-induced toxicity.

Fructose-1,6-bisphosphate reverts iron-induced phenotype of hepatic stellate cells by chelating ferrous ions.

The water soluble axially disubstituted silicon phthalocyanines: photophysicochemical properties and in vitro studies.

Hepatoprotective Role of *Hydrangea macrophylla* against Sodium Arsenite-Induced Mitochondrial-Dependent Oxidative Stress via the Inhibition of MAPK/Caspase-3 Pathways.

Synergistic cellular effects including mitochondrial destabilization, autophagy and apoptosis following low-level exposure to a mixture of lipophilic persistent organic pollutants.

Toxicological characterisation of two novel selective aryl hydrocarbon receptor modulators in Sprague-Dawley rats.

Characterizing Slow Photochemical Reaction Kinetics by Enhanced Sampling of Rare Events with Capillary Optical Fibers and Kramers' Theory.

A metal-organic framework as a flask: photophysics of confined chromophores with a benzylidene imidazolinone core.

A useful way to develop effective in vivo skin optical clearing agents.

Benzene and 2-ethyl-phthalate induce proliferation in normal rat pituitary cells.

[Effect of mitogen-activated protein kinase signaling pathway on apoptosis induced by chloroacetic acid in human normal bronchial epithelial 16HBE cells].

Self-initiation of UV photopolymerization reactions using tetrahalogenated bisphenol A (meth)acrylates.

No-core fiber-based highly sensitive optical fiber pH sensor.

Uncovering Potential Applications of Cyanobacteria and Algal Metabolites in Biology, Agriculture and Medicine: Current Status and Future Prospects.

DNA damage by lipid peroxidation products: implications in cancer, inflammation and autoimmunity.

Protein-bound P-cresol inhibits human umbilical vein endothelial cell proliferation by inducing cell cycle arrest at G(0)/G(1).

Using early life stages of marine animals to screen the toxicity of priority hazardous and noxious substances.

Environmentally Persistent Free Radicals Cause Apoptosis in HL-1 Cardiomyocytes.

Toxic Epidermal Necrolysis and Acute Kidney Injury due to Glyphosate Ingestion.

Role of precursors on the photophysical properties of carbon nitride and its application for antibiotic degradation.

The toxic effects of chlorophenols and associated mechanisms in fish.

Aryl hydrocarbon receptor (AhR)-dependent regulation of pulmonary miRNA by chronic cigarette smoke exposure.

Eryptosis - the Neglected Cause of Anemia in End Stage Renal Disease.

A Validated Capillary Electrophoretic Method for the Determination of Olopatadine and Its Application to a Pharmaceutical Preparation of Eye Drops.

Effects of Chronic Exposure to Sodium Arsenite on Expressions of VEGF and VEGFR2 Proteins in the Epididymis of Rats.

Crosstalk between Aryl Hydrocarbon Receptor and Glucocorticoid Receptor in Human Retinal Pigment Epithelial Cells.

Tetrachloro-1,4-benzoquinone induces apoptosis of mouse embryonic stem cells.

Novel roles for AhR and ARNT in the regulation of alcohol dehydrogenases in human hepatic cells.

[Dose-effect relationship between vitamin C and paraquat poisoning rats].

Establishment of an in vitro monolayer model of macular corneal dystrophy.

Role of cytochrome c in α -synuclein radical formation: implications of α -synuclein in neuronal death in Maneb- and paraquat-induced model of Parkinson's disease.

Effects of anti-androgens cyproterone acetate, linuron, vinclozolin, and p,p'-DDE on the reproductive organs of the copepod *Acartia tonsa*.

The transcription factor, Nuclear factor, erythroid 2 (Nfe2), is a regulator of the oxidative stress response during *Danio rerio* development.

Effects of neonatal exposure to a glyphosate-based herbicide on female rat reproduction.

Assessment of the Effects of MPTP and Paraquat on Dopaminergic Neurons and Microglia in the Substantia Nigra Pars Compacta of C57BL/6 Mice.

Diindolylmethane and Lupeol Modulates Apoptosis and Cell Proliferation in N-Butyl-N-(4-Hydroxybutyl) Nitrosamine Initiated and Dimethylarsinic Acid Promoted rat Bladder Carcinogenesis.

Mechanism-specific injury biomarkers predict nephrotoxicity early following glyphosate surfactant herbicide (GPSH) poisoning.

Physiological effects of the herbicide glyphosate on the cyanobacterium *Microcystis aeruginosa*.

Acrolein enhances epigenetic modifications, FasL expression and hepatocyte toxicity induced by anti-HIV drug Zidovudine.

Inhibition of cathepsin B by caspase-3 inhibitors blocks programmed cell death in *Arabidopsis*.

Unintended effects of the herbicides 2,4-D and dicamba on lady beetles.

Atrazine induces endoplasmic reticulum stress-mediated apoptosis of T lymphocytes via the caspase-8-dependent pathway.

Identification of apoptosis and macrophage migration events in paraquat-induced oxidative stress using a zebrafish model.

Human exposure to acrolein: Time-dependence and individual variation in eye irritation.

Adiponectin ameliorates the apoptotic effects of paraquat on alveolar type II cells via improvements in mitochondrial function.

Toxicities of glyphosate- and cypermethrin-based pesticides are antagonistic in the ten-spotted livebearer fish (*Gambusia affinis holbrooki*).

Nucleotide excision repair deficiency increases levels of acrolein-derived cyclic DNA adduct and sensitizes cells to apoptosis induced by docosahexaenoic acid and acrolein.

Evaluation of the effect of 2,4-dichlorophenol on oxidative parameters and viability of human blood mononuclear cells (in vitro).

In vitro neurotoxic hazard characterisation of dinitrophenolic herbicides.

Toxic and genotoxic effects of the 2,4-dichlorophenoxyacetic acid (2,4-D)-based herbicide on the Neotropical fish *Cnesterodon decemmaculatus*.

Evaluation of the toxic effect of the herbicide 2, 4-D on rat hepatocytes: an FT-IR spectroscopic study.

Paraquat Induces Cell Death Through Impairing Mitochondrial Membrane Permeability.

Cycloartenyl Ferulate Inhibits Paraquat-Induced Apoptosis in HK-2 Cells With the Involvement of ABCC1.

Glyphosate induces neurotoxicity in zebrafish.

Melatonin inhibits paraquat-induced cell death in bovine preimplantation embryos.

Acute and long-term ocular effects of acrolein vapor on the eyes and potential therapies.

Dioxins and cytogenetic status of villagers after 40 years of agent Orange application in Vietnam.

2,4-dichlorophenol induces ER stress-mediated apoptosis via eIF2 γ dephosphorylation in vitro.

Chronic Exposure to Diquat Causes Reproductive Toxicity in Female Mice.

Modelling the effect of exposing algae to pulses of S-metolachlor: How to include a delay to the onset of the effect and in the recovery.

Carbonyl Compounds in the Gas Phase of Cigarette Mainstream Smoke and Their Pharmacological Properties.

[The protective effect of bone marrow mesenchymal stem cells carrying antioxidant gene superoxide dismutase on paraquat lung injury in mice].

Photochemical changes and oxidative damage in the aquatic macrophyte *Cymodocea nodosa* exposed to paraquat-induced oxidative stress.

Low-Dose *Aronia melanocarpa* Concentrate Attenuates Paraquat-Induced Neurotoxicity.

The effects of resveratrol against trifluralin toxicity in the urinary tract of rats.

Visualising and Thinking and Interpreting. Response to the Burstyn and De Roos Comments on Sorahan, T. Multiple Myeloma and Glyphosate Use: A Re-Analysis of US Agricultural Health Study (AHS) Data. *Int. J. Environ. Res. Public Health* 2015, 12, 1548-1559.

Acrolein preferentially damages nucleolus eliciting ribosomal stress and apoptosis in human cancer cells.

New water-soluble palladium(II) complexes of lidocaine and phenylcyanamide derivative ligands: cytotoxicity and cellular response mechanisms.

Cx43 Mediates Resistance against MPP⁺-Induced Apoptosis in SH-SY5Y Neuroblastoma Cells via Modulating the Mitochondrial Apoptosis Pathway.

Trans-cinnamaldehyde protected PC12 cells against oxygen and glucose deprivation/reperfusion (OGD/R)-induced injury via anti-apoptosis and anti-oxidative stress.

Discovery of a novel anti-cancer agent targeting both topoisomerase I and II in hepatocellular carcinoma Hep 3B cells in vitro and in vivo: *Cinnamomum verum* component 2-methoxycinnamaldehyde.

Membrane lipid peroxidation in neurodegeneration: Role of thrombin and proteinase-activated receptor-1.

Cardiac-Specific Knockout of ETA Receptor Mitigates Paraquat-Induced Cardiac Contractile Dysfunction.

Histidine biosynthesis plays a crucial role in metal homeostasis and virulence of *Aspergillus fumigatus*.

Cinnamaldehydes in Cancer Chemotherapy.

SIRT1 exerts protective effects against paraquat-induced injury in mouse type II alveolar epithelial cells by deacetylating NRF2 in vitro.

Superoxide-hydrogen peroxide imbalance interferes with colorectal cancer cells viability, proliferation and oxaliplatin response.

3-Aminotriazole protects from CoCl₂-induced ototoxicity by inhibiting the generation of reactive oxygen species and proinflammatory cytokines in mice.

Cinnamaldehyde affects the biological behavior of human colorectal cancer cells and induces apoptosis via inhibition of the PI3K/Akt signaling pathway.

Cinnamomum verum Component 2-Methoxycinnamaldehyde: A Novel Anticancer Agent with Both Anti-Topoisomerase I and II Activities in Human Lung Adenocarcinoma A549 Cells In Vitro and In Vivo.

A low toxicity synthetic cinnamaldehyde derivative ameliorates renal inflammation in mice by inhibiting NLRP3 inflammasome and its related signaling pathways.

Discovery of a novel anticancer agent with both anti-topoisomerase I and II activities in hepatocellular carcinoma SK-Hep-1 cells in vitro and in vivo: Cinnamomum verum component 2-methoxycinnamaldehyde.

[The effect of resveratrol on paraquat-induced acute lung injury in mice and its mechanism].

A full evaluation for the enantiomeric impacts of lactofen and its metabolites on aquatic macrophyte *Lemna minor*.

Integration of optical and electrochemical sensors on a microfluidic platform using organic optoelectronic components and silver nanowires.

Reactive Carbonyl Species Activate Caspase-3-Like Protease to Initiate Programmed Cell Death in Plants.

Assessment of tick antioxidant responses to exogenous oxidative stressors and insight into the role of catalase in the reproductive fitness of the Gulf Coast tick, *Amblyomma maculatum*.

Methyl viologen induces neural differentiation on murine P19 cells.

Protective effect of carnosic acid against paraquat-induced redox impairment and mitochondrial dysfunction in SH-SY5Y cells: Role for PI3K/Akt/Nrf2 pathway.

[The effect of paraquat on autophagy in human embryonic neural progenitor cells].

Synthesis of docosahexaenoic acid from eicosapentaenoic acid in retina neurons protects photoreceptors from oxidative stress.

Critical Role of FoxO1 in Granulosa Cell Apoptosis Caused by Oxidative Stress and Protective Effects of Grape Seed Procyanidin B2.

Anti-oxidative and anti-inflammatory effects of cinnamaldehyde on protecting high glucose-induced damage in cultured dorsal root ganglion neurons of rats.

Hypothalamic L-Histidine Decarboxylase Is Up-Regulated During Chronic REM Sleep Deprivation of Rats.

Ayurvedic Amalaki Rasayana promotes improved stress tolerance and thus has anti-aging effects in *Drosophila melanogaster*.

Pomegranate protects against arsenic-induced p53-dependent ROS-mediated inflammation and apoptosis in liver cells.

Protective effects of quercetin against arsenic-induced testicular damage in rats.

Different modes of synergistic toxicities between metam/copper (II) and metam/zinc (II) in HepG2 cells: apoptosis vs. necrosis.

Citral reduces breast tumor growth by inhibiting the cancer stem cell marker ALDH1A3.

2,3,7,8-Tetrachlorodibenzo-p-dioxin Mediated Cleft palate by Mouse Embryonic Palate Mesenchymal Cells.

Rapid simulated gastric fluid digestion of in-seed/grain proteins expressed in genetically engineered crops.

Is hepatic oxidative stress a main driver of dietary selenium toxicity in white sturgeon (*Acipenser transmontanus*)?

The cardioprotective effect of melatonin and exendin-4 treatment in a rat model of cardiorenal syndrome.

Syndromic microphthalmia-3 caused by a mutation on gene SOX2 in a Colombian male patient.

Co-delivery of doxorubicin and recombinant plasmid pHSP70-Plk1-shRNA by bacterial magnetosomes for osteosarcoma therapy.

Mammary Gland Evaluation in Juvenile Toxicity Studies: Temporal Developmental Patterns in the Male and Female Harlan Sprague-Dawley Rat.

Arsenite inhibits the function of CD133(+) CD13(+) liver cancer stem cells by reducing PML and Oct4 protein expression.

Hypoxic Preconditioning Improves the Therapeutic Potential of Aging Bone Marrow Mesenchymal Stem Cells in Streptozotocin-Induced Type-1 Diabetic Mice.

Participation of protein kinases in cytotoxic and proapoptotic effects of ethylene glycol ethers and their metabolites in SH-SY5Y cells.

Targeting of Micelles and Liposomes Loaded with the Pro-Apoptotic Drug, NCL-240, into NCI/ADR-RES Cells in a 3D Spheroid Model.

Attenuative role of mangiferin in oxidative stress-mediated liver dysfunction in arsenic-intoxicated murines.

p-Cresyl sulfate promotes the formation of atherosclerotic lesions and induces plaque instability by targeting vascular smooth muscle cells.

AhR-dependent 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in human neuronal cell line SHSY5Y.

Red light of the visual spectrum attenuates cell death in culture and retinal ganglion cell death in *in situ*.

Toward elucidation of dioxin-mediated chloracne and Ah receptor functions.

Previously Unclassified Mutation of mtDNA m.3472T>C: Evidence of Pathogenicity in Leber's Hereditary Optic Neuropathy.

Alterations in glutamate cysteine ligase content in the retina of two retinitis pigmentosa animal models.

Photoactive g-C₃N₄ Nanosheets for Light-Induced Suppression of Alzheimer's β -Amyloid Aggregation and Toxicity.

Defining the Relationships Among Retinal Function, Layer Thickness and Visual Behavior During Oxidative Stress-Induced Retinal Degeneration.

Alu retrotransposons promote differentiation of human carcinoma cells through the aryl hydrocarbon receptor.

Combined antenatal therapy with retinoic acid and tracheal occlusion in a rat model of congenital diaphragmatic hernia.

The effect of a vegetarian versus conventional hypocaloric diet on serum concentrations of persistent organic pollutants in patients with type 2 diabetes.

Digoxin reduces atherosclerosis in apolipoprotein E-deficient mice.

Free p-Cresol Alters Neutrophil Function in Dogs.

Protective effects of melatonin against arsenic-induced apoptosis and oxidative stress in rat testes.

Repurposing an orally available drug for the treatment of geographic atrophy.

Effective Valsalva maneuvering during TCCD and unrevealed etiology of RLS.

SCO2 Mediates Oxidative Stress-Induced Glycolysis to Oxidative Phosphorylation Switch in Hematopoietic Stem Cells.

Antenatal retinoic acid administration increases trophoblastic retinol-binding protein dependent retinol transport in the nitrofen model of congenital diaphragmatic hernia.

Long-term arsenite exposure induces premature senescence in B cell lymphoma A20 cells.

Aminomethylphosphonic acid inhibits growth and metastasis of human prostate cancer in an orthotopic xenograft mouse model.

Protective effects of a grape-supplemented diet in a mouse model of retinal degeneration.

5-Aminolevulinic acid combined with ferrous iron ameliorate ischemia-reperfusion injury in the mouse fatty liver model.

The role of peroxiredoxin 4 in inflammatory response and aging.

Expression of hepatic lipid droplets is decreased in the nitrofen model of congenital diaphragmatic hernia.

Anti-tumoral effect of arsenic compound, sodium metaarsenite (KML001), in non-Hodgkin's lymphoma: an in vitro and in vivo study.

ATPase-Modulated Stress Granules Contain a Diverse Proteome and Substructure.

Impact of Food Rations and Supplements on Micronutrient Status by Trimester of Pregnancy: Cross-Sectional Studies in the Mae La Refugee Camp in Thailand.

Endoplasmic reticulum stress is involved in 2,4-dichlorophenol-induced hepatotoxicity.

Deguelin and Its Role in Chronic Diseases.

Protective effects of thymoquinone against apoptosis and oxidative stress by arsenic in rat kidney.

Olive oil and its phenolic compounds (hydroxytyrosol and tyrosol) ameliorated TCDD-induced hepatotoxicity in rats via inhibition of oxidative stress and apoptosis.

Comparison of Fiber Optic and Conduit Attenuated Total Reflection (ATR) Fourier Transform Infrared (FT-IR) Setup for In-Line Fermentation Monitoring.

RNA Interference Directed against the Transglutaminase Gene Triggers Dysbiosis of Gut Microbiota in *Drosophila*.

Structure-Based Virtual Screening Protocol for in Silico Identification of Potential Thyroid Disrupting Chemicals Targeting Transthyretin.

Autism genes are selectively targeted by environmental pollutants including pesticides, heavy metals, bisphenol A, phthalates and many others in food, cosmetics or household products.

Advancing Biological Wastewater Treatment: Extended Anaerobic Conditions Enhance the Removal of Endocrine and Dioxin-like Activities.

Study of the inhibition effect of thiazone on muscle optical clearing.

Cell dedifferentiation, callus induction and somatic embryogenesis in *Crataegus* spp.

Activating Transcription Factor 4 (ATF4)-ATF3-C/EBP Homologous Protein (CHOP) Cascade Shows an Essential Role in the ER Stress-Induced Sensitization of Tetrachlorobenzoquinone-Challenged PC12 Cells to ROS-Mediated Apoptosis via Death Receptor 5 (DR5) Signaling.

Acrolein Is a Pathogenic Mediator of Alcoholic Liver Disease and the Scavenger Hydralazine Is Protective in Mice.

Diabetes Impairs the Aldehyde Detoxifying Capacity of the Retina.

Arsenic-induced mitochondrial oxidative damage is mediated by decreased PGC-1 β expression and its downstream targets in rat brain.

Control of optical and electrical properties of nanosheets by the chemical structure of the turning point in a foldable polymer.

Perinatal Exposure to Glufosinate Ammonium Herbicide Impairs Neurogenesis and Neuroblast Migration through Cytoskeleton Destabilization.

Photophysics, Dynamics, and Energy Transfer in Rigid Mimics of GFP-based Systems.

Toxicity of 3,5,6-trichloro-2-pyridinol tested at multiple stages of zebrafish (*Danio rerio*) development.

Optical coherence tomography angiography offers comprehensive evaluation of skin optical clearing in vivo by quantifying optical properties and blood flow imaging simultaneously.

Embryotoxicity of nitrophenols to the early life stages of zebrafish (*Danio rerio*).

Joint toxic effects of the type-2 alkene electrophiles.

A New Versatile Water-Soluble Iniferter Platform for the Preparation of Molecularly Imprinted Nanoparticles by Photopolymerisation in Aqueous Media.

Effect of retinyl acetate on transglutaminase 2 activity in carcinogen treated rat liver.

Arsenic Exposure Induces Unscheduled Mitotic S Phase Entry Coupled with Cell Death in Mouse Cortical Astrocytes.

Involvement of endogenous antioxidant systems in the protective activity of pituitary adenylate cyclase-activating polypeptide against hydrogen peroxide-induced oxidative damages in cultured rat astrocytes.

Preparation of Methylated Products of A-type Procyanidin Trimers in Cinnamon Bark and Their Protective Effects on Pancreatic β -Cell.

Studies of Hematopoietic Cell Differentiation with a Ratiometric and Reversible Sensor of Mitochondrial Reactive Oxygen Species.

Safety assessment of a standardized polyphenolic extract of clove buds: Subchronic toxicity and mutagenicity studies.

Photoprecursor Approach Enables Preparation of Well-Performing Bulk-Heterojunction Layers Comprising a Highly Aggregating Molecular Semiconductor.

Pressurized liquid extraction-gas chromatography-mass spectrometry for confirming the photo-induced generation of dioxin-like derivatives and other cosmetic preservative photoproducts on artificial skin.

Induced lipid peroxidation in ram sperm: semen profile, DNA fragmentation and antioxidant status.

Functional optical coherence tomography of rat olfactory bulb with periodic odor stimulation.

Pretilachlor has the potential to induce endocrine disruption, oxidative stress, apoptosis and immunotoxicity during zebrafish embryo development.

Glycine supplementation in vitro enhances porcine preimplantation embryo cell number and decreases apoptosis but does not lead to live births.

The olive leaf extract oleuropein exerts protective effects against oxidant-induced cell death, concurrently displaying pro-oxidant activity in human hepatocarcinoma cells.

SIRT3 Mediates the Antioxidant Effect of Hydrogen Sulfide in Endothelial Cells.

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) increases human hepatic stellate cell activation.

TRPV3 Channel Negatively Regulates Cell Cycle Progression and Safeguards the Pluripotency of Embryonic Stem Cells.

Adolescent pesticide exposures reported to Texas poison centers.

Evaluation of serum markers of blood redox homeostasis and inflammation in PCB naturally contaminated heifers undergoing decontamination.

Astaxanthin Inhibits Expression of Retinal Oxidative Stress and Inflammatory Mediators in Streptozotocin-Induced Diabetic Rats.

Divergent Effects of Dioxin- or Non-Dioxin-Like Polychlorinated Biphenyls on the Apoptosis of Primary Cell Culture from the Mouse Pituitary Gland.

Evaluation of functioning of mitochondrial electron transport chain with NADH and FAD autofluorescence.

Toward understanding the impacts of sediment contamination on a native fish species: transcriptional effects, EROD activity, and biliary PAH metabolites.

Acute Illness Associated with Exposure to a New Soil Fumigant Containing Dimethyl Disulfide-Hillsborough County, Florida, 2014.

Arsenite accumulation in the mouse eye.

Synthesis, Cytotoxic Activity on Leukemia Cell Lines and Quantitative Structure-Activity Relationships (QSAR) Studies of Morita-Baylis-Hillman Adducts.

Evaluating the Effects of Tetrachloro-1,4-benzoquinone, an Active Metabolite of Pentachlorophenol, on the Growth of Human Breast Cancer Cells.

The combined effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and the phytoestrogen genistein on steroid hormone secretion, AhR and ER β expression and the incidence of apoptosis in granulosa cells of medium porcine follicles.

Delivery of a protein transduction domain-mediated Prdx6 protein ameliorates oxidative stress-induced injury in human and mouse neuronal cells.

Total ocular surface amniotic membrane transplantation for paraquat-induced ocular surface injury.

Interpreting biomonitoring data for 2,4-dichlorophenoxyacetic acid: Update to Biomonitoring Equivalents and population biomonitoring data.

Discovery of a novel neuroprotectant, BHDPC, that protects against MPP+/MPTP-induced neuronal death in multiple experimental models.

Artificial sweetener neohesperidin dihydrochalcone showed antioxidative, anti-inflammatory and anti-apoptosis effects against paraquat-induced liver injury in mice.

Differential effects of bevacizumab, ranibizumab and aflibercept on cell viability, phagocytosis and mitochondrial bioenergetics of retinal pigment epithelial cell.

Scavenging of Toxic Acrolein by Resveratrol and Hesperetin and Identification of Adducts.

[The effect of Wnt signaling pathway on paraquat induced PC12 cells damage].

Protective effects of Ndfip1 on MPP(+)-induced apoptosis in MES23.5 cells and its underlying mechanisms.

Effects of atrazine on egg masses of the yellow-spotted salamander (*Ambystoma maculatum*) and its endosymbiotic alga (*Oophila amblystomatis*).

Atrazine Triggers the Extrinsic Apoptosis Pathway in Lymphocytes of the Frog *Pelophylax nigromaculata* in Vivo.

Antifungal, Phytotoxic, and Cytotoxic Activities of Metabolites from *Epichloa bromicola*, a Fungus Obtained from *Elymus tangutorum* Grass.

Cytotoxicity on *Allium cepa* of the two main sulcotriene photoproducts, xanthene-1,9-dione-3,4-dihydro-6-methylsulphonyl and 2-chloro-4-mesylbenzoic acid.

Diquat causes caspase-independent cell death in SH-SY5Y cells by production of ROS independently of mitochondria.

Caspase-2 protects against oxidative stress in vivo.

Enantioselective and Synergetic Toxicity of Axial Chiral Herbicide Propisochlor to SP2/O Myeloma Cells.

Effect of acetochlor on transcription of genes associated with oxidative stress, apoptosis, immunotoxicity and endocrine disruption in the early life stage of zebrafish.

L-F001, a multifunctional ROCK inhibitor prevents paraquat-induced cell death through attenuating ER stress and mitochondrial dysfunction in PC12 cells.

[A Case of Corneal Injury due to Herbicide Containing Paraquat: Effectiveness of 2% Rebamipide Eye Drops].

Acute effects of a prooxidant herbicide on the microalga *Chlamydomonas reinhardtii*: Screening cytotoxicity and genotoxicity endpoints.

Cyhalofop-butyl has the potential to induce developmental toxicity, oxidative stress and apoptosis in early life stage of zebrafish (*Danio rerio*).

Proteomics analysis of *Xenopus laevis* gonad tissue following chronic exposure to atrazine.

Level of UV-B radiation influences the effects of glyphosate-based herbicide on the spotted salamander.

Atrazine Causes Autophagy- and Apoptosis-Related Neurodegenerative Effects in Dopaminergic Neurons in the Rat Nigrostriatal Dopaminergic System.

Effects of realistic doses of atrazine, metolachlor, and glyphosate on lipid peroxidation and diet-derived antioxidants in caged honey bees (*Apis mellifera*).

Adiponectin attenuates lung fibroblasts activation and pulmonary fibrosis induced by paraquat.

[The study of kidney injury in rats with acute paraquat poisoning].

$\hat{\pm}$, $\hat{2}$ -Unsaturated aldehyde pollutant acrolein suppresses cardiomyocyte contractile function: Role of TRPV1 and oxidative stress.

[Inhibition of pulmonary nuclear factor $\hat{\text{B}}$ and tumor necrosis factor $\hat{\pm}$ expression by diallyl sulfide in rats with paraquat poisoning].

Acrolein-Induced Oxidative Stress and Cell Death Exhibiting Features of Apoptosis in the Yeast *Saccharomyces cerevisiae* Deficient in SOD1.

Paraquat induces epithelial-mesenchymal transition-like cellular response resulting in fibrogenesis and the prevention of apoptosis in human pulmonary epithelial cells.

ROS-triggered signaling pathways involved in the cytotoxicity and tumor promotion effects of pentachlorophenol and tetrachlorohydroquinone.

[Effect of reactive oxygen species induced by paraquat on neutrophil apoptosis].

Modeling of degradation kinetic and toxicity evaluation of herbicides mixtures in water using the UV/H₂O₂ process.

PSTK is a novel gene associated with early lung injury in Paraquat Poisoning.

Atrazine induces apoptosis of SH-SY5Y human neuroblastoma cells via the regulation of Bax/Bcl-2 ratio and caspase-3-dependent pathway.

Molecular mechanisms of acrolein toxicity: relevance to human disease.

Effects of atrazine on the proliferation and cytotoxicity of murine lymphocytes with the use of carboxyfluorescein succinimidyl ester-based flow cytometric approaches.

Extracellular signal-regulated kinase pathway play distinct role in acetochlor-mediated toxicity and intrinsic apoptosis in A549 cells.

Clostridium tertium bacteremia in a patient with glyphosate ingestion.

Acute effects of acrolein in human volunteers during controlled exposure.

Effects of Atrazine on the Development of Neural System of Zebrafish, *Danio rerio*.

Enhancement of the acrolein-induced production of reactive oxygen species and lung injury by GADD34.

Acute and long-term ocular effects of acrolein vapor on the eyes and potential therapies.

Oral Administration of 4-Hydroxy-3-Methoxycinnamaldehyde Attenuates Atopic Dermatitis by Inhibiting T Cell and Keratinocyte Activation.

Topically applied metal chelator reduces thermal injury progression in a rat model of brass comb burn.

Methylated arsenic metabolites bind to PML protein but do not induce cellular differentiation and PML-RAR α protein degradation.

Coniferyl aldehyde attenuates radiation enteropathy by inhibiting cell death and promoting endothelial cell function.

Cinnamaldehyde Contributes to Insulin Sensitivity by Activating PPAR α , PPAR β , and RXR.

Protection of HepG2 cells against acrolein toxicity by 2-cyano-3,12-dioxooleana-1,9-dien-28-imidazole via glutathione-mediated mechanism.

Measuring Rates of Herbicide Metabolism in Dicot Weeds with an Excised Leaf Assay.

In Silico Approach To Identify Potential Thyroid Hormone Disruptors among Currently Known Dust Contaminants and Their Metabolites.

Leaf Age-Dependent Photoprotective and Antioxidative Response Mechanisms to Paraquat-Induced Oxidative Stress in *Arabidopsis thaliana*.

A disposable evanescent wave fiber optic sensor coated with a molecularly imprinted polymer as a selective fluorescence probe.

Accumulation of electrophilic aldehydes during postovulatory aging of mouse oocytes causes reduced fertility, oxidative stress, and apoptosis.

Anti-obesity and anti-hyperglycemic effects of cinnamaldehyde via altered ghrelin secretion and functional impact on food intake and gastric emptying.

Cinnamaldehyde derivative (CB-PIC) sensitizes chemo-resistant cancer cells to drug-induced apoptosis via suppression of MDR1 and its upstream STAT3 and AKT signalling.

Pesticide concentrations in frog tissue and wetland habitats in a landscape dominated by agriculture.

Cytotoxicity of PEGylated liposomes co-loaded with novel pro-apoptotic drug NCL-240 and the MEK inhibitor cobimetinib against colon carcinoma in vitro.

PKC in rat dorsal raphe nucleus plays a key role in sleep-wake regulation.

Potential Value of Cellulose Synthesis Inhibitors Combined With PHMB in the Treatment of *Acanthamoeba* Keratitis.

The aryl hydrocarbon receptor suppresses cigarette-smoke-induced oxidative stress in association with dioxin response element (DRE)-independent regulation of sulfiredoxin 1.

2,3,7,8-Tetrachlorodibenzo-p-Dioxin Alters Lipid Metabolism and Depletes Immune Cell Populations in the Jejunum of C57BL/6 Mice.

Modeling the Dynamic AMD-Associated Chronic Oxidative Stress Changes in Human ESC and iPSC-Derived RPE Cells.

Correlation between dioxin and endometriosis: an epigenetic route to unravel the pathogenesis of the disease.

The adverse outcome pathway for rodent liver tumor promotion by sustained activation of the aryl hydrocarbon receptor.

Graphene-like two-dimensional layered nanomaterials: applications in biosensors and nanomedicine.

KML001 Induces Apoptosis and Autophagic Cell Death in Prostate Cancer Cells via Oxidative Stress Pathway.

HMME combined with green light-emitting diode irradiation results in efficient apoptosis on human tongue squamous cell carcinoma.

NADPH Oxidase-Mediated Superoxide Production by Intermediary Bacterial Metabolites of Dibenzofuran: A Potential Cause for Trans-Mitochondrial Membrane Potential ($\Delta\psi_m$) Collapse in Human Hepatoma Cells.

Yusho and its latest findings-A review in studies conducted by the Yusho Group.

Neuroendocrine factors regulate retinoic acid receptors in normal and hypoplastic lung development.

Tetramethylpyrazine (TMP) protects against sodium arsenite-induced nephrotoxicity by suppressing ROS production, mitochondrial dysfunction, pro-inflammatory signaling pathways and programmed cell death.

p-Cresyl sulfate aggravates cardiac dysfunction associated with chronic kidney disease by enhancing apoptosis of cardiomyocytes.

The Use of Chemical-Chemical Interaction and Chemical Structure to Identify New Candidate Chemicals Related to Lung Cancer.

Increased expression of activated pSTAT3 and PIM-1 in the pulmonary vasculature of experimental congenital diaphragmatic hernia.

Aminomethylphosphonic acid and methoxyacetic acid induce apoptosis in prostate cancer cells.

Involvement of iron depletion in palmitate-induced lipotoxicity of beta cells.

[Latest Findings of Yusho and Its Therapeutic Development].

The aryl hydrocarbon receptor (AhR) mediates resistance to apoptosis induced in breast cancer cells.

The drosophila T-box transcription factor midline functions within Insulin/Akt and c-Jun-N terminal kinase stress-reactive signaling pathways to regulate interommatial bristle formation and cell survival.

Anti-leukemic effect of sodium metaarsenite (KML001) in acute myeloid leukemia with breaking-down the resistance of cytosine arabinoside.

Time- and spectrally resolved characteristics of flavin fluorescence in U87MG cancer cells in culture.

2,3,7,8-Tetrachlorodibenzo-p-dioxin modulates estradiol-induced aldehydic DNA lesions in human breast cancer cells through alteration of CYP1A1 and CYP1B1 expression.

p-Cresol mediates autophagic cell death in renal proximal tubular cells.

Non-dioxin-like polychlorinated biphenyls (PCB 101, PCB 153 and PCB 180) induce chondrocyte cell death through multiple pathways.

Prevention of pulmonary hypoplasia and pulmonary vascular remodeling by antenatal simvastatin treatment in nitrofen-induced congenital diaphragmatic hernia.

Differential gene expression patterns in developing sexually dimorphic rat brain regions exposed to antiandrogenic, estrogenic, or complex endocrine disruptor mixtures: glutamatergic synapses as target.

Chronic cardiovascular disease-associated gene network analysis in human umbilical vein endothelial cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Estrogenic endocrine-disrupting chemicals modulate the production of inflammatory mediators and cell viability of lipopolysaccharide-stimulated macrophages.

Inorganic Arsenic-induced cellular transformation is coupled with genome wide changes in chromatin structure, transcriptome and splicing patterns.

The cellular and molecular progression of mitochondrial dysfunction induced by 2,4-dinitrophenol in developing zebrafish embryos.

Cerenkov-specific contrast agents for detection of pH in vivo.

Cardiac toxicity by sublethal 2,3,7,8-tetrachlorodibenzo-p-dioxin correlates with its anti-proliferation effect on cardiomyocytes in zebrafish embryos.

Effect of uraemia on endothelial cell damage is mediated by the integrin linked kinase pathway.

Novel heat shock protein 90 inhibitor NVP-AUY922 synergizes with the histone deacetylase inhibitor PXD101 in induction of death of anaplastic thyroid carcinoma cells.

Metabolic disturbances of the vitamin A pathway in human diaphragmatic hernia.

MicroRNA-21, up-regulated by arsenite, directs the epithelial-mesenchymal transition and enhances the invasive potential of transformed human bronchial epithelial cells by targeting PDCD4.

Enhancement of cytotoxic effect on human head and neck cancer cells by combination of photodynamic therapy and sulforaphane.

Volatile emission of decomposing pig carcasses (*Sus scrofa domesticus* L.) as an indicator for the postmortem interval.

Decidual β -carotene-15,15'-oxygenase-1 and 2 (BCMO1,2) expression is increased in nitrofen model of congenital diaphragmatic hernia.

Effects of acute hypercapnia with and without acidosis on lung inflammation and apoptosis in experimental acute lung injury.

Transcriptional regulation of human paraoxonase 1 by PXR and GR in human hepatoma cells.

Non-Cytotoxic Quantum Dot-Chitosan Nanogel Biosensing Probe for Potential Cancer Targeting Agent.

Light Inhibition of Shoot Regeneration Is Regulated by Endogenous Abscisic Acid Level in Calli Derived from Immature Barley Embryos.

Structural elucidation of metolachlor photoproducts by liquid chromatography/high-resolution tandem mass spectrometry.

Roles of oxidative stress and the ERK1/2, PTEN and p70S6K signaling pathways in arsenite-induced autophagy.

Homoleptic Tris-Diphosphine Re(I) and Re(II) Complexes and Re(II) Photophysics and Photochemistry.

A fetal whole ovarian culture model for the evaluation of CrVI-induced developmental toxicity during germ cell nest breakdown.

Snapping Turtles (*Chelydra serpentina*) from Canadian Areas of Concern across the southern Laurentian Great Lakes: Chlorinated and brominated hydrocarbon contaminants and metabolites in relation to circulating concentrations of thyroxine and vitamin A.

Red palm oil-supplemented and biofortified cassava gari increase the carotenoid and retinyl palmitate concentrations of triacylglycerol-rich plasma in women.

Assessing the environmental fate of S-metolachlor, its commercial product Mercantor Gold[®] and their photoproducts using a water-sediment test and in silico methods.

Efficient removal of sulcotrione and its formulated compound Tangenta[®] in aqueous TiO₂ suspension: Stability, photoproducts assessment and toxicity.

The role of thioredoxin reductase and glutathione reductase in plumbagin-induced, reactive oxygen species-mediated apoptosis in cancer cell lines.

Synthesis, Photophysics, and Self-Assembly of Furan-Embedded Heteroarenes.

Intestinal absorption mechanisms of MTBH, a novel hesperetin derivative, in Caco-2 cells, and potential involvement of monocarboxylate transporter 1 and multidrug resistance protein 2.

2,3,7,8-Tetrachlorodibenzo-p-dioxin differentially suppresses angiogenic responses in human placental vein and artery endothelial cells.

Tumor necrosis factor- α inhibits effects of aryl hydrocarbon receptor ligands on cell death in human lymphocytes.

Low-level sodium arsenite induces apoptosis through inhibiting TrxR activity in pancreatic β -cells.

Two persistent organic pollutants which act through different xenosensors (α -endosulfan and 2,3,7,8 tetrachlorodibenzo-p-dioxin) interact in a mixture and downregulate multiple genes involved in human hepatocyte lipid and glucose metabolism.

The aryl hydrocarbon receptor-dependent disruption of contact inhibition in rat liver WB-F344 epithelial cells is linked with induction of survivin, but not with inhibition of apoptosis.

Protective effect of telmisartan treatment against arsenic-induced testicular toxicity in rats.

Lipid Peroxide-Derived Short-Chain Carbonyls Mediate Hydrogen Peroxide-Induced and Salt-Induced Programmed Cell Death in Plants.

A bioassay to measure energy metabolism in mouse colonic crypts, organoids, and sorted stem cells.

A rapid in vivo zebrafish model to elucidate oxidative stress-mediated PCB126-induced apoptosis and developmental toxicity.

Pharmacokinetic and Genomic Effects of Arsenite in Drinking Water on Mouse Lung in a 30-Day Exposure.

Mechanisms of Fatal Cardiotoxicity following High-Dose Cyclophosphamide Therapy and a Method for Its Prevention.

Paraquat exposure induces behavioral deficits in larval zebrafish during the window of dopamine neurogenesis.

Glucose stimulates neurotensin secretion from the rat small intestine by mechanisms involving SGLT1 and GLUT2, leading to cell depolarization and calcium influx.

Fabrication of Two-Component, Brush-on-Brush Topographical Microstructures by Combination of Atom-Transfer Radical Polymerization with Polymer End-Functionalization and Photopatterning.

Lipoamide Acts as an Indirect Antioxidant by Simultaneously Stimulating Mitochondrial Biogenesis and Phase II Antioxidant Enzyme Systems in ARPE-19 Cells.

Critical Role of TAK1-Dependent Nuclear Factor- κ B Signaling in 2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced Astrocyte Activation and Subsequent Neuronal Death.

Oxidative stress and human spermatozoa: diagnostic and functional significance of aldehydes generated as a result of lipid peroxidation.

Lithium protects against paraquat neurotoxicity by NRF2 activation and miR-34a inhibition in SH-SY5Y cells.

Amphiphilic zinc phthalocyanine photosensitizers: synthesis, photophysical properties and in vitro studies for photodynamic therapy.

Identification of unwanted photoproducts of cosmetic preservatives in personal care products under ultraviolet-light using solid-phase microextraction and micro-matrix solid-phase dispersion.

Sex-related differences in murine hepatic transcriptional and proteomic responses to TCDD.

Expression of the aryl hydrocarbon receptor in growth plate cartilage and the impact of its local modulation on longitudinal bone growth.

Synthesis of phenstatin/isocombretastatin-chalcone conjugates as potent tubulin polymerization inhibitors and mitochondrial apoptotic inducers.

Triphenyl phosphate-induced developmental toxicity in zebrafish: potential role of the retinoic acid receptor.

Antioxidant compounds in the seaweed *Gelidiella acerosa* protects human Peripheral Blood Mononuclear Cells against TCDD induced toxicity.

Inflammation and pyroptosis mediate muscle expansion in an interleukin-1^β (IL-1^β)-dependent manner.

Ulinastatin suppresses endoplasmic reticulum stress and apoptosis in the hippocampus of rats with acute paraquat poisoning.

Contraction of gut smooth muscle cells assessed by fluorescence imaging.

Distinct photoproducts of hydroxylated polybromodiphenyl ethers from different photodegradation pathways: a case study of 2'-HO-BDE-68.

How does hybrid bridging core modification enhance the nonlinear optical properties in donor- π -acceptor configuration? A case study of dinitrophenol derivatives.

Chloroacetic acid triggers apoptosis in neuronal cells via a reactive oxygen species-induced endoplasmic reticulum stress signaling pathway.

Neuroglobin Plays a Protective Role in Arsenite-Induced Cytotoxicity by Inhibition of Cdc42 and Rac1GTPases in Rat Cerebellar Granule Neurons.

Molecular biology of the stress response in the early embryo and its stem cells.

On-line biosensor for the detection of putative toxicity in water contaminants.

Close link between protoporphyrin IX accumulation and developmental toxicity induced by N-phenylimide herbicides in rats.

Transcriptional changes induced by in vivo exposure to pentachlorophenol (PCP) in *Chironomus riparius* (Diptera) aquatic larvae.

Proteome-wide light/dark modulation of thiol oxidation in cyanobacteria revealed by quantitative site-specific redox proteomics.

Therapeutical effects and mechanism of salubrinal combined with ulinastatin on treating paraquat poisoning.

[Effect of thalidomide in a mouse model of paraquat-induced acute lung injury and the underlying mechanisms].

Impaired development of female mouse offspring maternally exposed to simazine.

Induced pluripotent stem cells without c-Myc ameliorate retinal oxidative damage via paracrine effects and reduced oxidative stress in rats.

Metallothioneins attenuate paraquat-induced acute lung injury in mice through the mechanisms of anti-oxidation and anti-apoptosis.

Pesticides exposure as etiological factors of Parkinson's disease and other neurodegenerative diseases-- a mechanistic approach.

Characterization of paraquat-induced miRNA profiling response in hNPCs undergoing proliferation.

Effects of atrazine, metolachlor, carbaryl and chlorothalonil on benthic microbes and their nutrient dynamics.

Evaluation of the genotoxicity of a herbicide formulation containing 3,6-dichloro-2-methoxybenzoic acid (dicamba) in circulating blood cells of the tropical fish *Cnesterodon decemmaculatus*.

Influence of the spray adjuvant on the toxicity effects of a glyphosate formulation.

Mutation in *Drosophila methuselah* resists paraquat induced Parkinson-like phenotypes.

Acrolein induced both pulmonary inflammation and the death of lung epithelial cells.

Acrolein-exposed normal human lung fibroblasts in vitro: cellular senescence, enhanced telomere erosion, and degradation of Werner's syndrome protein.

Effect of glyphosate-based herbicide on early life stages of Java medaka (*Oryzias javanicus*): a potential tropical test fish.

Betanin attenuates paraquat-induced liver toxicity through a mitochondrial pathway.

Response of the green alga *Oophila* sp., a salamander endosymbiont, to a PSII-inhibitor under laboratory conditions.

Changes in phosphatidylinositol 3-kinase 55 kDa gamma expression and subcellular localization may be caspase 6 dependent in paraquat-induced SH-SY5Y apoptosis.

Heat shock protein-70 (Hsp-70) suppresses paraquat-induced neurodegeneration by inhibiting JNK and caspase-3 activation in *Drosophila* model of Parkinson's disease.

[The interventional effect of Xuebijing injection on expression of mitochondrial fusion protein 2 and the ultrastructure changes in lung tissues in rats with paraquat poisoning].

[Early acute liver injury in paraquat poisoning rats].

Protective effects of exogenous β -hydroxybutyrate on paraquat toxicity in rat kidney.

[Curcumin alleviated liver oxidative stress injury of rat induced by paraquat].

α -Tocopheryl succinate pre-treatment attenuates quinone toxicity in prostate cancer PC3 cells.

Rapamycin inhibits acrolein-induced apoptosis by alleviating ROS-driven mitochondrial dysfunction in male germ cells.

Cyanobacterium *Microcystis aeruginosa* response to pentachlorophenol and comparison with that of the microalga *Chlorella vulgaris*.

Chlorpropham and phenisopham: phototransformation and ecotoxicity of carbamates in the aquatic environment.

Toxicological properties of the thiolated inorganic arsenic and arsenosugar metabolite thio-dimethylarsinic acid in human bladder cells.

Systems biology approach for evaluating the biological impact of environmental toxicants in vitro.

Cytotoxicity and genotoxicity caused by yttrium oxide nanoparticles in HEK293 cells.

Inflammatory and cytotoxic effects of acrolein, nicotine, acetaldehyde and cigarette smoke extract on human nasal epithelial cells.

Assessment of DNA damage, cytotoxicity, and apoptosis in human hepatoma (HepG2) cells after flurochloridone herbicide exposure.

The effects of 24-h exposure to carbaryl or atrazine on the locomotor performance and overwinter growth and survival of juvenile spotted salamanders (*Ambystoma maculatum*).

Degeneration modulates retinal response to transient exogenous oxidative injury.

Association between Agent Orange exposure and nonmelanotic invasive skin cancer: a pilot study.

Glyphosate commercial formulation causes cytotoxicity, oxidative effects, and apoptosis on human cells: differences with its active ingredient.

[Micro RNA alteration after paraquat induced PC12 cells damage and regulatory mechanism of bcl-2].

Chronic exposure to pentachlorophenol alters thyroid hormones and thyroid hormone pathway mRNAs in zebrafish.

Herbicide paraquat induces sex-specific variation of neuroinflammation and neurodegeneration in *Drosophila melanogaster*.

Catalase inhibition in diabetic rats potentiates DNA damage and apoptotic cell death setting the stage for cardiomyopathy.

Immune suppressive effect of cinnamaldehyde due to inhibition of proliferation and induction of apoptosis in immune cells: implications in cancer.

Metabolism of arsenic trioxide in acute promyelocytic leukemia cells.

Synthesis, characterization and in vitro study of biocompatible cinnamaldehyde functionalized magnetite nanoparticles (CPGF Nps) for hyperthermia and drug delivery applications in breast cancer.

Statil suppresses cancer cell growth and proliferation by the inhibition of tumor marker AKR1B10.

The pentachlorophenol metabolite tetrachlorohydroquinone induces massive ROS and prolonged p-ERK expression in splenocytes, leading to inhibition of apoptosis and necrotic cell death.

Cinnamaldehyde/chemotherapeutic agents interaction and drug-metabolizing genes in colorectal cancer.

Parkinson's disease, lights and melanocytes: looking beyond the retina.

Dual pH-sensitive oxidative stress generating micellar nanoparticles as a novel anticancer therapeutic agent.

Optimization of culturing conditions for toxicity testing with the alga *Oophila* sp. (Chlorophyceae), an amphibian endosymbiont.

Melatonin Reverses Fas, E2F-1 and Endoplasmic Reticulum Stress Mediated Apoptosis and Dysregulation of Autophagy Induced by the Herbicide Atrazine in Murine Splenocytes.

[The effect of selective phosphatase inhibitors Salubrinal on autophagy and apoptosis in the lung tissue of rats with acute paraquat poisoning].

Ectopic expression of the human MutT-type Nudix hydrolase, hMTH1, confers enhanced tolerance to oxidative stress in arabidopsis.

Trivalent methylated arsenic metabolites induce apoptosis in human myeloid leukemic HL-60 cells through generation of reactive oxygen species.

The optical property of core-shell nanosensors and detection of atrazine based on localized surface plasmon resonance (LSPR) sensing.

Photoprotective mechanism of the non-target organism *Arabidopsis thaliana* to paraquat exposure.

Recharging mitochondrial batteries in old eyes. Near infra-red increases ATP.

Acrolein activates cell survival and apoptotic death responses involving the endoplasmic reticulum in A549 lung cells.

Microalgae dual-head biosensors for selective detection of herbicides with fiber-optic luminescent O₂ transduction.

Health effects and arsenic species in urine of copper smelter workers.

p-Cresol affects reactive oxygen species generation, cell cycle arrest, cytotoxicity and inflammation/atherosclerosis-related modulators production in endothelial cells and mononuclear cells.

[Tetrachlorodibenzo-p-dioxin-induced cleft palate because of partial loss of cell polarity to interfere with apoptosis during early developmental stage].

Withania somnifera alleviates parkinsonian phenotypes by inhibiting apoptotic pathways in dopaminergic neurons.

Prenatal administration of all-trans retinoic acid upregulates leptin signaling in hypoplastic rat lungs with experimental congenital diaphragmatic hernia.

Increased pulmonary vascular expression of Krüppel-like factor 5 and activated survivin in experimental congenital diaphragmatic hernia.

Genetic deletion of LXR β prevents arsenic-enhanced atherosclerosis, but not arsenic-altered plaque composition.

Sodium arsenite induces apoptosis and Epstein-Barr virus reactivation in lymphoblastoid cells.

Potential involvement of chemicals in liver cancer progression: an alternative toxicological approach combining biomarkers and innovative technologies.

The N-terminal region of p27 inhibits HIF-1 α protein translation in ribosomal protein S6-dependent manner by regulating PHLPP-Ras-ERK-p90RSK axis.

A fluorescent nucleic acid nanodevice quantitatively images elevated cyclic adenosine monophosphate in membrane-bound compartments.

The novel regulations of MEF2A, CAMKK2, CALM3, and TNNT3 in ventricular hypertrophy induced by arsenic exposure in rats.

Nitrofen increases total retinol levels in placenta during lung morphogenesis in the nitrofen model of congenital diaphragmatic hernia.

Diet pills and the cataract outbreak of 1935: reflections on the evolution of consumer protection legislation.

Toxicological profile of ultrapure 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180) in adult rats.

Gestational and lactational exposure to the polychlorinated biphenyl mixture Aroclor 1254 modulates retinoid homeostasis in rat offspring.

Developmental exposure of mice to dioxin promotes transgenerational testicular inflammation and an increased risk of preterm birth in unexposed mating partners.

Statin-induced inhibition of breast cancer proliferation and invasion involves attenuation of iron transport: intermediacy of nitric oxide and antioxidant defence mechanisms.

Sodium arsenite induces ROS-dependent autophagic cell death in pancreatic β -cells.

Genotoxicity of sulcotrione pesticide and photoproducts on *Allium cepa* root meristem.

Activation of neuronal nitric oxide synthase (nNOS) signaling pathway in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced neurotoxicity.

Gold nanoshells-mediated bimodal photodynamic and photothermal cancer treatment using ultra-low doses of near infra-red light.

Thrombin-facilitated efflux of D-[3H]-aspartate from cultured astrocytes and neurons under hyponatremia and chemical ischemia.

Uremic toxins impair human bone marrow-derived mesenchymal stem cells functionality in vitro.

TCDD promotes lung tumors via attenuation of apoptosis through activation of the Akt and ERK1/2 signaling pathways.

Prenatal retinoic acid increases lipofibroblast expression in hypoplastic rat lungs with experimental congenital diaphragmatic hernia.

Increased uptake of dietary retinoids at the maternal-fetal barrier in the nitrofen model of congenital diaphragmatic hernia.

Elevated protein carbonyl and HIF-1 α levels in eyes with proliferative diabetic retinopathy.

Association of dioxin and other persistent organic pollutants (POPs) with diabetes: epidemiological evidence and new mechanisms of beta cell dysfunction.

Tetrachlorobenzoquinone induces acute liver injury, up-regulates HO-1 and NQO1 expression in mice model: the protective role of chlorogenic acid.

Cisplatin plus sodium arsenite and hyperthermia induces pseudo-G1 associated apoptotic cell death in ovarian cancer cells.

The thiocarbamate disulphide drug, disulfiram induces osteopenia in rats by inhibition of osteoblast function due to suppression of acetaldehyde dehydrogenase activity.

Alcohol oxidizing enzymes and ethanol-induced cytotoxicity in rat pancreatic acinar AR42J cells.

Poisoning injuries associated with water and wastewater treatment facilities.

Effects of incapacitant spray deployed in the restraint and arrest of detainees in the Metropolitan Police Service area, London, UK: a prospective study.

S cones: Evolution, retinal distribution, development, and spectral sensitivity.

The NRF2-KEAP1 pathway is an early responsive gene network in arsenic exposed lymphoblastoid cells.

Decreased apelin and apelin-receptor expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Prenatal administration of retinoic acid increases the trophoblastic insulin-like growth factor 2 protein expression in the nitrofen model of congenital diaphragmatic hernia.

Elevated blood pressure in offspring of rats exposed to diverse chemicals during pregnancy.

Modulation of telomerase activity, bTERT and c-Myc induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin during Bovine Herpesvirus 1 infection in MDBK cells.

The aryl hydrocarbon receptor mediates raloxifene-induced apoptosis in estrogen receptor-negative hepatoma and breast cancer cells.

CYP1B1: a unique gene with unique characteristics.

KML001, a telomere-targeting drug, sensitizes glioblastoma cells to temozolomide chemotherapy and radiotherapy through DNA damage and apoptosis.

In utero and lactational exposure to a mixture of environmental contaminants detected in Canadian Arctic human populations alters retinoid levels in rat offspring with low margins of exposure.

Effects of AST-120 on blood concentrations of protein-bound uremic toxins and biomarkers of cardiovascular risk in chronic dialysis patients.

Gene-environment interactions in male reproductive health: special reference to the aryl hydrocarbon receptor signaling pathway.

Mode of action and dose-response framework analysis for receptor-mediated toxicity: The aryl hydrocarbon receptor as a case study.

p-cresyl sulphate has pro-inflammatory and cytotoxic actions on human proximal tubular epithelial cells.

Sodium meta-arsenite induces reactive oxygen species-dependent apoptosis, necrosis, and autophagy in both androgen-sensitive and androgen-insensitive prostate cancer cells.

Human Ntera2 cells as a predictive in vitro test system for developmental neurotoxicity.

Draft Genome Sequence of *Acetobacter tropicalis* Type Strain NBRC16470, a Producer of Optically Pure d-Glyceric Acid.

Low concentration of a dioxin (2, 3, 7, 8 TCDD) affects the glycosidases and Acid phosphatase activity in mice hepatocytes.

Transcriptional responses and embryotoxic effects induced by pyrene and methylpyrene in Japanese medaka (*Oryzias latipes*) early life stages exposed to spiked sediments.

Cytotoxic effects exerted by pentachlorophenol by targeting nodal pro-survival signaling pathways in human pancreatic cancer cells.

2,4,6-Trichlorophenol cytotoxicity involves oxidative stress, endoplasmic reticulum stress, and apoptosis.

A novel protective role for the innate immunity Toll-Like Receptor 3 (TLR3) in the retina via Stat3.

Aryl hydrocarbon receptor-dependent regulation of miR-196a expression controls lung fibroblast apoptosis but not proliferation.

Collateral sensitivity: ABCG2-overexpressing cells are more vulnerable to oxidative stress.

The role lipid aldehydes and ALEs in the pathogenesis of diabetic retinopathy.

[Experimental evaluation of pure traditional Chinese medical mouth rinse on skin and mucosa stimulation and bacteriostatic-bactericidal effect].

Human RAD23 homolog A is required for the nuclear translocation of apoptosis-inducing factor during induction of cell death.

Potential role of catalase in mice with lipopolysaccharide/D-galactosamine-induced fulminant liver injury.

The combined treatment with chloroquine and the enzymatic oxidation products of spermine overcomes multidrug resistance of melanoma M14 ADR2 cells: a new therapeutic approach.

Acute toxicity tests and meta-analysis identify gaps in tropical ecotoxicology for amphibians.

Magmas functions as a ROS regulator and provides cytoprotection against oxidative stress-mediated damages.

Critical role of cellular glutathione homeostasis for trivalent inorganic arsenite-induced oxidative damage in human bronchial epithelial cells.

Histological and histometrical study of the protective role of α -tocopherol against sodium arsenite toxicity in rat ovaries.

[The first stage of toxicology evaluation and analysis of 1502 pesticide samples].

Effects of uremic toxin p-cresol on proliferation, apoptosis, differentiation, and glucose uptake in 3T3-L1 cells.

Osteoactivin promotes osteoblast adhesion through HSPG and $\alpha_5\beta_1$ integrin.

Liquid crystal based sensors monitoring lipase activity: a new rapid and sensitive method for cytotoxicity assays.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces expression of p27(kip1) and FoxO3a in female rat cerebral cortex and PC12 cells.

Production of crude cellulase and xylanase from *Trichoderma harzianum* PPDDN10 NFCCI-2925 and its application in photocopier waste paper recycling.

Modulation of gene-expression profiles associated with sodium arsenite-induced cardiotoxicity by p-coumaric acid, a common dietary polyphenol.

p38 and extracellular signal-regulated kinases activations have opposite effects on primary-cultured rat cerebellar granule neurons exposed to sodium arsenite.

New insights into pesticide photoprotection.

[Research on the sodium arsenite and arsenic trioxide induced proliferation and apoptosis effects on human hepatocyte].

On the determination of the diagonal components of the optical activity tensor in chiral molecules.

Measurement and analysis of atomic hydrogen and diatomic molecular AlO, C2, CN, and TiO spectra following laser-induced optical breakdown.

Mechanism for the protective effect of diallyl disulfide against cyclophosphamide acute urotoxicity in rats.

Arsenic trioxide and other arsenical compounds inhibit the NLRP1, NLRP3, and NAIP5/NLRC4 inflammasomes.

Chemoprevention against arsenic-induced mutagenic DNA breakage and apoptotic liver damage in rat via antioxidant and SOD1 upregulation by green tea (*Camellia sinensis*) which recovers broken DNA resulted from arsenic-H₂O₂ related in vitro oxidant stress.

Viscous optical clearing agent for in vivo optical imaging.

Inhibitory and toxic effects of volatiles emitted by strains of *Pseudomonas* and *Serratia* on growth and survival of selected microorganisms, *Caenorhabditis elegans*, and *Drosophila melanogaster*.

Korean Red Ginseng water extract inhibits COX-2 expression by suppressing p38 in acrolein-treated human endothelial cells.

Effect of reverse photoperiod on in vitro regeneration and piperine production in *Piper nigrum* L.

3,3',4,4'-Tetrachlorobiphenyl-mediated decrease of serum thyroxine level in C57BL/6 and DBA/2 mice occurs mainly through enhanced accumulation of thyroxine in the liver.

Toxicity of pesticides associated with potato production, including soil fumigants, to snapping turtle eggs (*Chelydra serpentina*).

More than meets the eye in bacterial cellulose: biosynthesis, bioprocessing, and applications in advanced fiber composites.

Single-cell gel electrophoresis assay in the ten spotted live-bearer fish, *Cnesterodon decemmaculatus* (Jenyns, 1842), as bioassay for agrochemical-induced genotoxicity.

Treatment of acute paraquat intoxication using recommended megadose of vitamin C: a reappraisal.

Silymarin- and melatonin-mediated changes in the expression of selected genes in pesticides-induced Parkinsonism.

Aldose reductase regulates acrolein-induced cytotoxicity in human small airway epithelial cells.

[Effects of glyphosate on apoptosis and expressions of androgen-binding protein and vimentin mRNA in mouse Sertoli cells].

Impairment of Atg5-dependent autophagic flux promotes paraquat- and MPP⁺-induced apoptosis but not rotenone or 6-hydroxydopamine toxicity.

The reversal of paraquat-induced mitochondria-mediated apoptosis by cycloartenyl ferulate, the important role of Nrf2 pathway.

Curcumin analog 1, 5-bis (2-trifluoromethylphenyl)-1, 4-pentadien-3-one exhibits enhanced ability on Nrf2 activation and protection against acrolein-induced ARPE-19 cell toxicity.

Thyroid endocrine system disruption by pentachlorophenol: an in vitro and in vivo assay.

Using bosentan to treat paraquat poisoning-induced acute lung injury in rats.

Effect of acrolein, a hazardous air pollutant in smoke, on human middle ear epithelial cells.

Phytotoxicity of four photosystem II herbicides to tropical seagrasses.

Identification and ecotoxicity of degradation products of chloroacetamide herbicides from UV-treatment of water.

Mitochondrial susceptibility in a model of paraquat neurotoxicity.

The chiral herbicide beflubutamid (I): Isolation of pure enantiomers by HPLC, herbicidal activity of enantiomers, and analysis by enantioselective GC-MS.

Triketone toxicity: a report on two cases of sulcotrione poisoning.

Pharmacokinetic, neurochemical, stereological and neuropathological studies on the potential effects of paraquat in the substantia nigra pars compacta and striatum of male C57BL/6J mice.

Magnolol protects against oxidative stress-mediated neural cell damage by modulating mitochondrial dysfunction and PI3K/Akt signaling.

Cytotoxicity on human cells of Cry1Ab and Cry1Ac Bt insecticidal toxins alone or with a glyphosate-based herbicide.

MicroRNA-195 targets ADP-ribosylation factor-like protein 2 to induce apoptosis in human embryonic stem cell-derived neural progenitor cells.

Performance of a cyanobacteria whole cell-based fluorescence biosensor for heavy metal and pesticide detection.

In vitro effects of aldehydes present in tobacco smoke on gene expression in human lung alveolar epithelial cells.

Assessing the chronic toxicity of atrazine, permethrin, and chlorothalonil to the cladoceran *Ceriodaphnia cf. dubia* in laboratory and natural river water.

Effects of trifluralin on the mouse ovary.

Differential toxicity and gene expression in Caco-2 cells exposed to arsenic species.

Sodium tauroursodeoxycholate prevents paraquat-induced cell death by suppressing endoplasmic reticulum stress responses in human lung epithelial A549 cells.

Evaluation of the genotoxic and cytotoxic effects of glyphosate-based herbicides in the ten spotted live-bearer fish *Cnesterodon decemmaculatus* (Jenyns, 1842).

Lethal synergism between organic and inorganic wood preservatives via formation of an unusual lipophilic ternary complex.

Mixtures of glyphosate and surfactant TN20 accelerate cell death via mitochondrial damage-induced apoptosis and necrosis.

Paraquat-induced retinal degeneration is exaggerated in CX3CR1-deficient mice and is associated with increased retinal inflammation.

Impact of the redox-cycling herbicide diquat on transcript expression and antioxidant enzymatic activities of the freshwater snail *Lymnaea stagnalis*.

[Glyphosate and its formulations--toxicity, occupational and environmental exposure].

Genotoxic potential of two herbicides and their active ingredients assessed with comet assay on a fish cell line, epithelioma papillosum cyprini (EPC).

Developmental abnormalities in chicken embryos exposed to N-nitrosoatrazine.

The uremic toxin acrolein promotes suicidal erythrocyte death.

Immunotoxicity of atrazine in Balb/c mice.

Influence of pH, light cycle, and temperature on ecotoxicity of four sulfonylurea herbicides towards *Lemna gibba*.

Oral exposure to the herbicide simazine induces mouse spleen immunotoxicity and immune cell apoptosis.

Paraquat research: do recent advances in limiting its toxicity make its use safer?

The antidote effect of quinone oxidoreductase 2 inhibitor against paraquat-induced toxicity in vitro and in vivo.

Slow accumulation of mutations in *Xpc*^{-/-} mice upon induction of oxidative stress.

Glyphosate and AMPA inhibit cancer cell growth through inhibiting intracellular glycine synthesis.

Mitochondria-targeted antioxidant peptide SS31 protects the retinas of diabetic rats.

Wnt/ β -catenin signaling protects mouse liver against oxidative stress-induced apoptosis through the inhibition of forkhead transcription factor FoxO3.

Chemical composition and hypoglycemic and pancreas-protective effect of leaf essential oil from indigenous cinnamon (*Cinnamomum osmophloeum* Kanehira).

9-cis retinoic acid is the ALDH1A1 product that stimulates melanogenesis.

Central nervous system damage due to acute paraquat poisoning: an experimental study with rat model.

Early growth response protein 1 upregulation and nuclear translocation by 2'-benzyloxycinnamaldehyde induces prostate cancer cell death.

Inhibitory effects against pasture weeds in Brazilian Amazonia of natural products from the marine brown alga *Dictyota menstrualis*.

Cinnamaldehyde-induced apoptosis in human hepatoma PLC/PRF/5 cells involves the mitochondrial death pathway and is sensitive to inhibition by cyclosporin A and z-VAD-fmk.

Paraquat inhibits cell viability via enhanced oxidative stress and apoptosis in human neural progenitor cells.

Stimulation of suicidal erythrocyte death by trans-cinnamaldehyde.

Fast detection of oxygen by the naked eye using a stable metal-organic framework containing methyl viologen cations.

Synthesis and biological evaluation of novel neuroprotective agents for paraquat-induced apoptosis in human neuronal SH-SY5Y cells.

Combined theoretical and experimental study of the photophysics of asulam.

Differential regulation of GLUT1 activity in human corneal limbal epithelial cells and fibroblasts.

Singlet oxygen mediated DNA damage induced phototoxicity by ketoprofen resulting in mitochondrial depolarization and lysosomal destabilization.

Abnormalities in eelpout *Zoarces viviparus* upon chemical exposure.

Redox-sensitive glycogen synthase kinase 3^β-directed control of mitochondrial permeability transition: rheostatic regulation of acute kidney injury.

Role of mitogen-activated protein kinase cascades in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced apoptosis in neuronal pheochromocytoma cells.

ITE, a novel endogenous nontoxic aryl hydrocarbon receptor ligand, efficiently suppresses EAU and T-cell-mediated immunity.

Ets1 and heat shock factor 1 regulate transcription of the Transformer 2^β gene in human colon cancer cells.

Chitosan oligosaccharides attenuates oxidative-stress related retinal degeneration in rats.

Impaired cardiovascular function caused by different stressors elicits a common pathological and transcriptional response in zebrafish embryos.

Dual role of resveratrol in modulation of genotoxicity induced by sodium arsenite via oxidative stress and apoptosis.

Specific roles for Group V secretory PLA₂ in retinal iron-induced oxidative stress. Implications for age-related macular degeneration.

Temperature increase exacerbates apoptotic neuronal death in chemically-induced ischemia.

TCDD induces the expression of insulin-like growth factor binding protein 4 in 5L rat hepatoma cells: a cautionary tale of the use of this cell line in studies on dioxin toxicity.

2,3,7,8-TCDD induces neurotoxicity and neuronal apoptosis in the rat brain cortex and PC12 cell line through the down-regulation of the Wnt/ β -catenin signaling pathway.

The human Ah receptor: hints from dioxin toxicities to deregulated target genes and physiological functions.

Expression and potential role of apolipoprotein D on the death-survival balance of human colorectal cancer cells under oxidative stress conditions.

Multidrug resistance protein 1 (ABCC1) confers resistance to arsenic compounds in human myeloid leukemic HL-60 cells.

Deletion or activation of the aryl hydrocarbon receptor alters adult hippocampal neurogenesis and contextual fear memory.

Teratogenic effects of 4-nonylphenol on early embryonic and larval development of the catfish *Heteropneustes fossilis*.

Aryl hydrocarbon receptor and lung cancer.

Fentichlor photocontact dermatitis: a persistent enigma.

Arsenic induced neuronal apoptosis in guinea pigs is Ca²⁺ dependent and abrogated by chelation therapy: role of voltage gated calcium channels.

Arsenic increases Pi-mediated vascular calcification and induces premature senescence in vascular smooth muscle cells.

Chloroacetic acid induced neuronal cells death through oxidative stress-mediated p38-MAPK activation pathway regulated mitochondria-dependent apoptotic signals.

Prenatal exposure to a polychlorinated biphenyl (PCB) congener influences fixation duration on biological motion at 4-months-old: a preliminary study.

Isoflurane preconditioning confers cardioprotection by activation of ALDH2.

Oculomotor deficits in aryl hydrocarbon receptor null mouse.

Increased trophoblastic apoptosis mediated by neutrophil gelatinase-associated lipocalin (NGAL) activation in the nitrofen model of congenital diaphragmatic hernia.

Iron autointoxication in a 16-year-old girl: a protective role for hepcidin?

Estimation of the enamel and dentin mineral content from the refractive index.

Amniotic fluid stem cells rescue both in vitro and in vivo growth, innervation, and motility in nitrofen-exposed hypoplastic rat lungs through paracrine effects.

Inhibition of neurite outgrowth and alteration of cytoskeletal gene expression by sodium arsenite.

Mitochondria-targeted antioxidants and metabolic modulators as pharmacological interventions to slow ageing.

Inhibition of hepatocyte nuclear factor 1 and 4 alpha (HNF1 α and HNF4 α) as a mechanism of arsenic carcinogenesis.

Surface fluorescence studies of tissue mitochondrial redox state in isolated perfused rat lungs.

Induction of apoptotic death and retardation of neuronal differentiation of human neural stem cells by sodium arsenite treatment.

Contrasting retinoid and thyroid hormone status in differentially-contaminated northern fulmar colonies from the Canadian Arctic, Svalbard and the Faroe Islands.

Characterization of the carrier-mediated transport of ketoprofen, a nonsteroidal anti-inflammatory drug, in rabbit corneal epithelium cells.

Role of pigment epithelium-derived factor (PEDF) in arsenic-induced cell apoptosis of liver and brain in a rat model.

The accumulations of HIF-1 α and HIF-2 α by JNK and ERK are involved in biphasic effects induced by different levels of arsenite in human bronchial epithelial cells.

Ultrathin graphitic carbon nitride nanosheets: a novel peroxidase mimetic, Fe doping-mediated catalytic performance enhancement and application to rapid, highly sensitive optical detection of glucose.

Neuroglobin involvement in the course of arsenic toxicity in rat cerebellar granule neurons.

Dose-dependent folic acid and memantine treatments promote synergistic or additive protection against A β (25-35) peptide-induced apoptosis in SH-SY5Y cells mediated by mitochondria stress-associated death signals.

A single gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin disrupts the adult uterine response to estradiol in mice.

A simple protocol for the synthesis of dinitrosyl iron complexes with glutathione: EPR, optical, chromatographic and biological characterization of reaction products.

Biomonitoring of non-dioxin-like polychlorinated biphenyls in transgenic Arabidopsis using the mammalian pregnane X receptor system: a role of pectin in pollutant uptake.

2,4-Dinitrophenol induces neural differentiation of murine embryonic stem cells.

The aryl receptor inhibitor epigallocatechin-3-gallate protects INS-1E beta-cell line against acute dioxin toxicity.

Sodium arsenite and arsenic trioxide differently affect the oxidative stress, genotoxicity and apoptosis in A549 cells: an implication for the paradoxical mechanism.

670 nm light mitigates oxygen-induced degeneration in C57BL/6J mouse retina.

Novel Fluorometric Tool to Assess Mitochondrial Redox State of Isolated Perfused Rat Lungs after Exposure to Hyperoxia.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces microglial nitric oxide production and subsequent rat primary cortical neuron apoptosis through p38/JNK MAPK pathway.

Role of HO-1 in the arsenite-induced neurotoxicity in primary cultured cortical neurons.

Toxicogenomics-based identification of mechanisms for direct immunotoxicity.

Resveratrol stimulates mitochondrial bioenergetics to protect retinal pigment epithelial cells from oxidative damage.

2,4-dichlorophenol induces apoptosis in primary hepatocytes of grass carp (*Ctenopharyngodon idella*) through mitochondrial pathway.

A new in vivo model of pantothenate kinase-associated neurodegeneration reveals a surprising role for transcriptional regulation in pathogenesis.

Interaction of aldehydes derived from lipid peroxidation and membrane proteins.

Emptying of Intracellular Calcium Pool and Oxidative Stress Imbalance Are Associated with the Glyphosate-Induced Proliferation in Human Skin Keratinocytes HaCaT Cells.

Effective induction of cells expressing GABAergic neuronal markers from mouse embryonic stem cell.

Transplantation of induced pluripotent stem cells without C-Myc attenuates retinal ischemia and reperfusion injury in rats.

Retinoid X receptor activation is essential for docosahexaenoic acid protection of retina photoreceptors.

Quartz crystal microbalance measurements of mitochondrial depolarization predicting chemically induced toxicity of vascular cells and macrophages.

Breaking the carboxyl rule: lysine 96 facilitates reprotonation of the Schiff base in the photocycle of a retinal protein from *Exiguobacterium sibiricum*.

Cyp1a reporter zebrafish reveals target tissues for dioxin.

A screen for disruptors of the retinol (vitamin A) signaling pathway.

Dietary carnosine prevents early atherosclerotic lesion formation in apolipoprotein E-null mice.

Switchable skin window induced by optical clearing method for dermal blood flow imaging.

The protective effects of the proteasome inhibitor bortezomib (velcade) on ischemia-reperfusion injury in the rat retina.

Two-photon microscopy and fluorescence lifetime imaging of retinal pigment epithelial cells under oxidative stress.

Targeting ALDH1A1 to treat pigmentary disorders.

Quantification of triclosan, chlorinated triclosan derivatives, and their dioxin photoproducts in lacustrine sediment cores.

TGF β signaling induces expression of Gadd45b in retinal ganglion cells.

Sodium arsenite exposure inhibits AKT and Stat3 activation, suppresses self-renewal and induces apoptotic death of embryonic stem cells.

A novel colorimetric biosensor for monitoring and detecting acute toxicity in water.

Cytotoxic effects of p-cresol in renal epithelial tubular cells.

A simple and powerful approach for isolation of Arabidopsis mutants with increased tolerance to H₂O₂-induced cell death.

Teratogenic factors affect transcription factor expression.

[Biocatalytic desymmetric hydrolysis of 3-(4-chlorophenyl)-glutaronitrile to the key precursor of optically pure baclofen].

A new experimental model of ATP-sensitive K⁺ channel-independent insulinotropic action of glucose: a permissive role of cAMP for triggering of insulin release from rat pancreatic β -cells.

A novel murine model to deplete hepatic stellate cells uncovers their role in amplifying liver damage in mice.

The oxidative damage and inflammation caused by pesticides are reverted by lipoic acid in rat brain.

Dysregulated expression of secretogranin III is involved in neurotoxin-induced dopaminergic neuron apoptosis.

In vitro attenuation of acrolein-induced toxicity by phloretin, a phenolic compound from apple.

Comparison of chemical-induced changes in proliferation and apoptosis in human and mouse neuroprogenitor cells.

The changes of calretinin immunoreactivity in paraquat-induced nephrotoxic rats.

Long term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize.

Neuroprotective effects of tert-butylhydroquinone on paraquat-induced dopaminergic cell degeneration in C57BL/6 mice and in PC12 cells.

Recombinant adenovirus Ad-RUNrf2 reduces paraquat-induced A549 injury.

Activation of transcription factor MEF2D by bis(3)-cognitin protects dopaminergic neurons and ameliorates Parkinsonian motor defects.

Phenolic antioxidant 2,6-di-tert-butyl-p-cresol (vitamin E synthetic analogue) does not inhibit 1,1'-dimethyl-4,4'-bipyridium dichloride (paraquat)-induced structural chromosomal damage in cultured leukocytes of the dark-spotted-frog *Pelophylax (Rana) nigromaculatus*.

Effects of seven antifouling compounds on photosynthesis and inorganic carbon use in sugar kelp *Saccharina latissima* (Linnaeus).

Activator protein-1 regulation of murine aldehyde dehydrogenase 1a1.

Paraquat induces lung alveolar epithelial cell apoptosis via Nrf-2-regulated mitochondrial dysfunction and ER stress.

RNAi knockdown of rice SE5 gene is sensitive to the herbicide methyl viologen by the down-regulation of antioxidant defense.

A commercial formulation of glyphosate inhibits proliferation and differentiation to adipocytes and induces apoptosis in 3T3-L1 fibroblasts.

A step further toward glyphosate-induced epidermal cell death: involvement of mitochondrial and oxidative mechanisms.

5'-Aza-dC sensitizes paraquat toxic effects on PC12 cell.

Hepatic protein expression networks associated with masculinization in the female fathead minnow (*Pimephales promelas*).

[Therapeutic effects of epidermal growth factor (EGF) combined with plasma cryoprecipitate (CRYO) on the corneal injury induced by paraquat].

Prochelator BHAPI protects cells against paraquat-induced damage by ROS-triggered iron chelation.

Development of immobilized biophotonic beads consisting of *Photobacterium leiognathi* for the detection of heavy metals and pesticide.

[Effects of acrolein on apoptosis of H9c2 cardiomyocytes with hypoxia/reoxygenation injury].

Comparative risk assessment of permethrin, chlorothalonil, and diuron to coastal aquatic species.

siRNA-mediated knock-down of NOX3: therapy for hearing loss?

Determination of vitamin A and its metabolites in rat testis: possible involvement of vitamin A in testicular toxicity caused by molinate.

Glyphosate induced cell death through apoptotic and autophagic mechanisms.

Effect of chronic exposure to pendimethalin on the susceptibility of rainbow trout, *Oncorhynchus mykiss* L., to viral hemorrhagic septicemia virus (VHSV).

Effect of topical dimethylarsinic acid on the expression of apoptosis-related proteins in mouse skin.

Overexpression of TFAM, NRF-1 and myr-AKT protects the MPP(+)-induced mitochondrial dysfunctions in neuronal cells.

Resveratrol potentiates cytochrome P450 2 d22-mediated neuroprotection in maneb- and paraquat-induced parkinsonism in the mouse.

[The effects of Nrf2 gene expression induced by RU486 at different doses on A549 cell damage induced by paraquat].

The greening of pesticide-environment interactions: some personal observations.

Early cytotoxic and genotoxic effects of atrazine on Wistar rat liver: a morphological, immunohistochemical, biochemical, and molecular study.

Melatonin suppresses acrolein-induced IL-8 production in human pulmonary fibroblasts.

Minocycline prevents paraquat-induced cell death through attenuating endoplasmic reticulum stress and mitochondrial dysfunction.

New effects of Roundup on amphibians: predators reduce herbicide mortality; herbicides induce antipredator morphology.

A glyphosate-based herbicide induces necrosis and apoptosis in mature rat testicular cells in vitro, and testosterone decrease at lower levels.

Involvement of NADPH oxidase and glutathione in zinc-induced dopaminergic neurodegeneration in rats: similarity with paraquat neurotoxicity.

Disturbed relaxin signaling pathway and testicular dysfunction in mouse offspring upon maternal exposure to simazine.

Species-dependent effects of the phenolic herbicide ioxynil with potential thyroid hormone disrupting activity: modulation of its cellular uptake and activity by interaction with serum thyroid hormone-binding proteins.

Acrolein induces endoplasmic reticulum stress and causes airspace enlargement.

Endoplasmic reticulum stress impairs insulin signaling through mitochondrial damage in SH-SY5Y cells.

Prevention of paraquat-induced apoptosis in human neuronal SH-SY5Y cells by lipocalin-type prostaglandin D synthase.

Glyphosate as an acetylcholinesterase inhibitor in *Cnesterodon decemmaculatus*.

Symbiont-specific responses in foraminifera to the herbicide diuron.

A possible role of acrolein in diabetic retinopathy: involvement of a VEGF/TGF β signaling pathway of the retinal pigment epithelium in hyperglycemia.

Δ^9 -tetrahydrocannabinol (Δ^9 -THC) exerts a direct neuroprotective effect in a human cell culture model of Parkinson's disease.

Resveratrol inhibits paraquat-induced oxidative stress and fibrogenic response by activating the nuclear factor erythroid 2-related factor 2 pathway.

Neurotoxin-based models of Parkinson's disease.

Acute intoxication with the adjuvant itself for Gramoxone INTEON.

Series of dicyanamide-interlaced assembly of zinc-Schiff-base complexes: crystal structure and photophysical and thermal studies.

Towards an integrated biosensor array for simultaneous and rapid multi-analysis of endocrine disrupting chemicals.

Electrophilic aldehydes generated by sperm metabolism activate mitochondrial reactive oxygen species generation and apoptosis by targeting succinate dehydrogenase.

Differential effects of Bcl-2 and caspases on mitochondrial permeabilization during endogenous or exogenous reactive oxygen species-induced cell death: a comparative study of H₂O₂, paraquat, t-BHP, etoposide and TNF- α -induced cell death.

Diurnal dependence of growth responses to shade in *Arabidopsis*: role of hormone, clock, and light signaling.

Differences in susceptibility to inactivation of human aldehyde dehydrogenases by lipid peroxidation byproducts.

Significant damage-rescuing effects of wood vinegar extract in living *Caenorhabditis elegans* under oxidative stress.

Induction of tumor cell death through targeting tubulin and evoking dysregulation of cell cycle regulatory proteins by multifunctional cinnamaldehydes.

2'-Benzoyloxycinnamaldehyde-mediated DJ-1 upregulation protects MCF-7 cells from mitochondrial damage.

The cyclophosphamide metabolite, acrolein, induces cytoskeletal changes and oxidative stress in Sertoli cells.

Mitochondrial function is involved in regulation of cholesterol efflux to apolipoprotein (apo)A-I from murine RAW 264.7 macrophages.

Differentially expressed genes and pathways induced by organophosphates in human neuroblastoma cells.

PANC-1 cells proliferative response to ionizing radiation is related to GSK-3 β phosphorylation.

Silibinin ameliorates arsenic induced nephrotoxicity by abrogation of oxidative stress, inflammation and apoptosis in rats.

Toxicity of untreated and ozone-treated oil sands process-affected water (OSPW) to early life stages of the fathead minnow (*Pimephales promelas*).

Effects of choline on sodium arsenite-induced neural tube defects in chick embryos.

The epidemiology of chemical eye exposures reported to the Victorian Poisons Information Centre.

Tryptophan catabolism in cancer: beyond IDO and tryptophan depletion.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptosis by disruption of intracellular calcium homeostasis in human neuronal cell line SHSY5Y.

Enhanced apoptosis in retinal pigment epithelium under inflammatory stimuli and oxidative stress.

Necrosis and apoptosis of renal tubular epithelial cells in rats exposed to 3-methyl-4-nitrophenol.

Opposed arsenite-mediated regulation of p53-survivin is involved in neoplastic transformation, DNA damage, or apoptosis in human keratinocytes.

Importance of riboflavin kinase in the pathogenesis of stroke.

Induction of anoikis by sodium arsenite in rat hepatoma FGC4 cells: comparison with cadmium chloride and implications for assessment of regulation of heat shock protein 70.

Baicalein induces G1 arrest in oral cancer cells by enhancing the degradation of cyclin D1 and activating AhR to decrease Rb phosphorylation.

FICZ, a tryptophan photoproduct, suppresses pulmonary eosinophilia and Th2-type cytokine production in a mouse model of ovalbumin-induced allergic asthma.

Mitochondrial inhibition in rat retinal cell cultures as a model of metabolic compromise: mechanisms of injury and neuroprotection.

Oxidative stress fuels *Trypanosoma cruzi* infection in mice.

Prenatal retinoic acid improves lung vascularization and VEGF expression in CDH rat.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces a proteomic pattern that defines cleft palate formation in mice.

Sodium arsenite down-regulates the expression of X-linked inhibitor of apoptosis protein via translational and post-translational mechanisms in hepatocellular carcinoma.

Combination of Rad001 (everolimus) and propachlor synergistically induces apoptosis through enhanced autophagy in prostate cancer cells.

Antenatal imatinib treatment reduces pulmonary vascular remodeling in a rat model of congenital diaphragmatic hernia.

Micronutrient status in lactating mothers before and after introduction of fortified flour: cross-sectional surveys in Maela refugee camp.

Adipose tissue and bone marrow-derived stem cells react similarly in an ischaemia-like microenvironment.

Aryl hydrocarbon receptor controls regulatory CD4⁺ T cell function.

Protein alteration of HepG2.2.15 cells induced by iron overload.

A novel method for the rapid determination of beta-amyloid toxicity on acute hippocampal slices using MTT and LDH assays.

Concomitant induction of heme oxygenase-1 attenuates the cytotoxicity of arsenic species from lumbricus extract in human liver HepG2 cells.

Cross-regulations among NRFs and KEAP1 and effects of their silencing on arsenic-induced antioxidant response and cytotoxicity in human keratinocytes.

Isolation and identification of C-19 fatty acids with anti-tumor activity from the spores of *Ganoderma lucidum* (reishi mushroom).

Endocrine-active chemicals in mammary cancer causation and prevention.

Neuroprotection of kaempferol by autophagy in models of rotenone-mediated acute toxicity: possible implications for Parkinson's disease.

[The pharmacological treatment of obesity: past, present and future].

Aldehyde dehydrogenases and cell proliferation.

Prenatal retinoic acid upregulates connexin 43 (Cx43) gene expression in pulmonary hypoplasia in the nitrofen-induced congenital diaphragmatic hernia rat model.

Melatonin as a neuroprotective agent in the rodent models of Parkinson's disease: is it all set to irrefutable clinical translation?

Nitrofen interferes with trophoblastic expression of retinol-binding protein and transthyretin during lung morphogenesis in the nitrofen-induced congenital diaphragmatic hernia model.

COUP-TFII gene expression is upregulated in embryonic pleuroperitoneal folds in the nitrofen-induced congenital diaphragmatic hernia rat model.

ErbB1/2 tyrosine kinase inhibitor mediates oxidative stress-induced apoptosis in inflammatory breast cancer cells.

Evidence of a suffocation alarm system within the periaqueductal gray matter of the rat.

Stability of the transthyretin molecule as a key factor in the interaction with a-beta peptide--relevance in Alzheimer's disease.

Prenatal exposure to TCDD triggers significant modulation of microRNA expression profile in the thymus that affects consequent gene expression.

A novel MYOC heterozygous mutation identified in a Chinese Uygur pedigree with primary open-angle glaucoma.

Inhibition of mitochondria- and endoplasmic reticulum stress-mediated autophagy augments temozolomide-induced apoptosis in glioma cells.

Exogenous inflammatory acne due to combined application of cosmetic and facial rubbing.

MiR-206 regulates neural cells proliferation and apoptosis via Otx2.

The pulmonary mesenchymal tissue layer is defective in an in vitro recombinant model of nitrofen-induced lung hypoplasia.

Retinoic acid rescues deficient airway innervation and peristalsis of hypoplastic rat lung explants.

In vitro evaluation of betamethasone esters for phototoxic potential.

Free base and metal complexes of 5,15-diaza-10,20-dimesitylporphyrins: synthesis, structures, optical and electrochemical properties, and aromaticities.

Dihydroxy-isosteviol methyl ester of Pulsatilla nigricans extract reduces arsenic-induced DNA damage in testis cells of male mice: its toxicity, drug-DNA interaction and signaling cascades.

1 α ,25 dihydroxyvitamin D3 enhances cellular defences against UV-induced oxidative and other forms of DNA damage in skin.

Dihydroxy-isosteviol-methyl-ester, an active biological component of Pulsatilla nigricans, reduces arsenic induced cellular dysfunction in testis of male mice.

Influence of the nitrogen content on the optical properties of CNx films.

Photophysical and theoretical insights on fullerene/zincphthalocyanine supramolecular interaction in solution.

Low dose and long term toxicity of sodium arsenite caused caspase dependent apoptosis based on morphology and biochemical character.

Stimulation and inhibition of bacterial growth by caffeine dependent on chloramphenicol and a phenolic uncoupler--a ternary toxicity study using microfluid segment technique.

Toxic effects of PCB126 and TCDD on shortnose sturgeon and Atlantic sturgeon.

Impaired adaptability of in vivo mitochondrial energetics to acute oxidative insult in aged skeletal muscle.

Blood levels of dioxins, furans, dioxin-like PCBs, and TEQs in general populations: a review, 1989-2010.

Plasma polymer coatings to aid retinal pigment epithelial growth for transplantation in the treatment of age related macular degeneration.

Real-time characterization of cytotoxicity using single-cell impedance monitoring.

Induction of Apoptosis in the Rat Bone Marrow Mesenchymal Stem Cells Following Sodium Arsenite Treatment with the Dose Lesser than that Used for Treatment of Malignant Patient.

[Mechanism of the apoptosis of rat pancreas islet β cell strain (INS-1 cells) induced by sodium arsenite].

In vitro propagation of *Dioscorea alata* var. *purpurea*.

Enhanced optical clearing of skin in vivo and optical coherence tomography in-depth imaging.

Changes in proteolytic enzymes mRNAs and proteins relevant for meat quality during myogenesis and hypoxia of primary bovine satellite cells.

Oxidant-induced cell death and Nrf2-dependent antioxidative response are controlled by Fra-1/AP-1.

[6]-Gingerol isolated from ginger attenuates sodium arsenite induced oxidative stress and plays a corrective role in improving insulin signaling in mice.

Removal efficiency and toxicity reduction of 4-chlorophenol with physical, chemical and biochemical methods.

Alleviative effect of quercetin on germ cells intoxicated by 3-methyl-4-nitrophenol from diesel exhaust particles.

Arsenite promotes apoptosis and dysfunction in microvascular endothelial cells via an alteration of intracellular calcium homeostasis.

Protective effect of curcumin against arsenic-induced apoptosis in murine splenocytes in vitro.

Developmental toxicity and endocrine disrupting potency of 4-azapyrene, benzo[b]fluorene and retene in the zebrafish *Danio rerio*.

Nrf2-dependent induction of proteasome and Pa28 β regulator are required for adaptation to oxidative stress.

First Report of Blight Caused by *Sclerotium rolfsii* on the Invasive Exotic Weed, *Vincetoxicum rossicum* (Pale Swallow-Wort), in Western New York.

Fish liver and seagull eggs, vitamin D-rich foods with a shadow: results from the Norwegian Fish and Game Study.

Structural nucleotide analogs are potent activators/inhibitors of pancreatic I^2 cell KATP channels: an emerging mechanism supporting their use as antidiabetic drugs.

Prospective experimental studies on the renal protective effect of ulinastatin after paraquat poisoning.

Protective Effect of Silymarin against Acrolein-Induced Cardiotoxicity in Mice.

Aberrant activation of ubiquitin D at G2 phase and apoptosis by carcinogens that evoke cell proliferation after 28-day administration in rats.

Involvement of cholesterol membrane transporter Niemann-Pick C1-like 1 in the intestinal absorption of lutein.

Transgenerational actions of environmental compounds on reproductive disease and identification of epigenetic biomarkers of ancestral exposures.

H₂O₂-induced secretion of tumor necrosis factor- α evokes apoptosis of cardiac myocytes through reactive oxygen species-dependent activation of p38 MAPK.

Biological analysis of endocrine-disrupting chemicals in animal meats from the Pearl River Delta, China.

Endocrine disruptors: a review of some sources, effects, and mechanisms of actions on behaviour and neuroendocrine systems.

Sex- and brain region-specific role of cytochrome c oxidase in 1-methyl-4-phenylpyridinium-mediated astrocyte vulnerability.

A comparison of mixture toxicity assessment: examining the chronic toxicity of atrazine, permethrin and chlorothalonil in mixtures to *Ceriodaphnia cf. dubia*.

Chronic oral exposure to the aldehyde pollutant acrolein induces dilated cardiomyopathy.

Comparative toxicity of antifouling compounds on the development of sea urchin.

Medical management of paraquat ingestion.

Cigarette smoke targets glutaredoxin 1, increasing s-glutathionylation and epithelial cell death.

Atrazine-induced apoptosis of splenocytes in BALB/C mice.

Paraquat induces epigenetic changes by promoting histone acetylation in cell culture models of dopaminergic degeneration.

Continuous hypoxia attenuates paraquat-induced cytotoxicity in the human A549 lung carcinoma cell line.

Acrolein - a pulmonary hazard.

The effects of acrolein on the thioredoxin system: implications for redox-sensitive signaling.

Kolaviron protects apoptotic cell death in PC12 cells exposed to atrazine.

Acrolein, an environmental toxin, induces cardiomyocyte apoptosis via elevated intracellular calcium and free radicals.

Lysine acetylsalicylate ameliorates lung injury in rats acutely exposed to paraquat.

Atrazine exposure affects growth, body condition and liver health in *Xenopus laevis* tadpoles.

Protective effects of chitosan oligosaccharide on paraquat-induced nephrotoxicity in rats.

Mitochondria are the main target organelle for trivalent monomethylarsonous acid (MMA(III))-induced cytotoxicity.

Acrolein inhalation prevents vascular endothelial growth factor-induced mobilization of Flk-1+/Sca-1+ cells in mice.

Letter to the editor regarding the article by Paganelli et al.

Biflavanone-kolaviron protects human dopaminergic SH-SY5Y cells against atrazine induced toxic insult.

Neonatal exposure to herbicide acetochlor alters pubertal development in female wistar rats.

Reply to the letter to the editor regarding our article (paganelli et Al., 2010).

Photostability and toxicity of pentachlorophenol and phenanthrene.

Acute toxicities of five commonly used antifouling booster biocides to selected subtropical and cosmopolitan marine species.

Sublethal toxicity of Roundup to immunological and molecular aspects of *Biomphalaria alexandrina* to *Schistosoma mansoni* infection.

Adverse effects of 2,4-dichlorophenoxyacetic acid on rat cerebellar granule cell cultures were attenuated by amphetamine.

DJ-1 mediates paraquat-induced dopaminergic neuronal cell death.

Protection by tetrahydroxystilbene glucoside against neurotoxicity induced by MPP+: the involvement of PI3K/Akt pathway activation.

[Antagonism of tert-butylhydroquinone on neurotoxicity and oxidative stress induced by paraquat in PC12].

Evaluation of carcinogenic potential of diuron in a rat mammary two-stage carcinogenesis model.

NBHA reduces acrolein-induced changes in ARPE-19 cells: possible involvement of TGF β 2.

[Clinical study of dynamic change of inflammatory factors in serum of acute paraquat rats].

[Induction of cell damage and change of miR-133b expression by paraquat in PC12 cells].

ASK1 overexpression accelerates paraquat-induced autophagy via endoplasmic reticulum stress.

Suicide victim of paraquat poisoning make suitable corneal donor.

2-Methoxycinnamaldehyde inhibits tumor angiogenesis by suppressing Tie2 activation.

Effects of paraquat and capsaicin on the expression of genes related to inflammatory, immune responses and cell death in immortalized human HaCat keratinocytes.

Apolipoprotein D mediates autocrine protection of astrocytes and controls their reactivity level, contributing to the functional maintenance of paraquat-challenged dopaminergic systems.

[Matricide in *Caenorhabditis elegans* as an example of programmed death of whole animal organism: role of mitochondrial oxidative stress].

Melatonin protects against oxidative stress in granular corneal dystrophy type 2 corneal fibroblasts by mechanisms that involve membrane melatonin receptors.

[Mechanism of cinnamic aldehyde-inducing apoptosis of chronic myeloid leukemic cells in vitro].

Protection against 1-methyl-4-phenylpyridinium ion (MPP⁺)-induced apoptosis by water extract of ginseng (*Panax ginseng* C.A. Meyer) in SH-SY5Y cells.

Isoarnottinin 4'-glucoside, a glycosylated coumarin from *Prangos uloptera*, with biological activity.

Submicron polymer particles containing fluorescent semiconductor nanocrystals CdSe/ZnS for bioassays.

Reduced coupling of oxidative phosphorylation in vivo precedes electron transport chain defects due to mild oxidative stress in mice.

Consumption of hydrogen water reduces paraquat-induced acute lung injury in rats.

Differential antiproliferation effect of 2'-benzoyloxycinnamaldehyde in K-ras-transformed cells via downregulation of thiol antioxidants.

Acrolein sensitizes human renal cancer Caki cells to TRAIL-induced apoptosis via ROS-mediated up-regulation of death receptor-5 (DR5) and down-regulation of Bcl-2.

Botrytone, a new naphthalenone pentaketide produced by *Botrytis fabae*, the causal agent of chocolate spot disease on *Vicia faba*.

Light history influences the response of the marine cyanobacterium *Synechococcus* sp. WH7803 to oxidative stress.

Growth inhibitory activities of oxyprenylated and non-prenylated naturally occurring phenylpropanoids in cancer cell lines.

Photodegradation of the herbicide imazethapyr in aqueous solution: effects of wavelength, pH, and natural organic matter (NOM) and analysis of photoproducts.

Murine hepatic aldehyde dehydrogenase 1a1 is a major contributor to oxidation of aldehydes formed by lipid peroxidation.

Optical sensing quantum dot-labeled polyacrolein particles prepared by layer-by-layer deposition technique.

Multifunctional microgel magnetic/optical traps for SERS ultradetection.

JNK3-mediated apoptotic cell death in primary dopaminergic neurons.

Correlation of seven biological factors (Hsp90a, p53, MDM2, Bcl-2, Bax, Cytochrome C, and Cleaved caspase3) with clinical outcomes of ALK+ anaplastic large-cell lymphoma.

Controlling viral immuno-inflammatory lesions by modulating aryl hydrocarbon receptor signaling.

Regulation of apoptosis in human melanoma and neuroblastoma cells by statins, sodium arsenite and TRAIL: a role of combined treatment versus monotherapy.

Mitochondrial respiratory complex I dysfunction promotes tumorigenesis through ROS alteration and AKT activation.

Low-level subchronic arsenic exposure from prenatal developmental stages to adult life results in an impaired glucose homeostasis.

Retinoic acid drives aryl hydrocarbon receptor expression and is instrumental to dioxin-induced toxicity during palate development.

Up-regulation of cyclin D1 by JNK1/c-Jun is involved in tumorigenesis of human embryo lung fibroblast cells induced by a low concentration of arsenite.

Exposure to 3-methyl-4-nitrophenol affects testicular morphology and induces spermatogenic cell apoptosis in immature male rats.

Discovery and biological characterization of 1-(1H-indol-3-yl)-9H-pyrido[3,4-b]indole as an aryl hydrocarbon receptor activator generated by photoactivation of tryptophan by sunlight.

Vitamin B12 protects against superoxide-induced cell injury in human aortic endothelial cells.

Proton MR spectroscopy of neural stem cells: does the proton-NMR peak at 1.28 ppm function as a biomarker for cell type or state?

Could *Malassezia* yeasts be implicated in skin carcinogenesis through the production of aryl-hydrocarbon receptor ligands?

Inducers of chemical hypoxia act in a gender- and brain region-specific manner on primary astrocyte viability and cytochrome C oxidase.

Mitochondrial dysfunction and oxidative stress contribute to the pathogenesis of spinocerebellar ataxia type 12 (SCA12).

Prenatal administration of retinoic acid upregulates connective tissue growth factor in the nitrofen CDH model.

Antenatal sildenafil treatment attenuates pulmonary hypertension in experimental congenital diaphragmatic hernia.

Prenatal administration of retinoic acid upregulates insulin-like growth factor receptors in the nitrofen-induced hypoplastic lung.

Perspectives on the potential involvement of the AH receptor-dioxin axis in cardiovascular disease.

Mushroom lectin protects arsenic induced apoptosis in hepatocytes of rodents.

Arsenite-induced apoptosis is prevented by selenite in A375 cell line.

Effect of quercetin on formation of choroidal neovascularization (CNV) in age-related macular degeneration(AMD).

Real-time flow cytometry for the kinetic analysis of oncosis.

Gene expression alterations in immune system pathways in the thymus after exposure to immunosuppressive chemicals.

Oxidative stress and hepatic stellate cell activation are key events in arsenic induced liver fibrosis in mice.

Suppression of the proinflammatory response of metastatic melanoma cells increases TRAIL-induced apoptosis.

Expression of the Wilm's tumor gene WT1 during diaphragmatic development in the nitrofen model for congenital diaphragmatic hernia.

Downregulation of Midkine gene expression and its response to retinoic acid treatment in the nitrofen-induced hypoplastic lung.

Prenatal retinoic acid treatment upregulates late gestation lung protein 1 in the nitrofen-induced hypoplastic lung in late gestation.

Resveratrol (3,5,4'-trihydroxystilbene) protects pregnant mother and fetus from the immunotoxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Polymorphism of TNF gene and CPOX gene in chemical industry workers].

Sequence analysis of MYOC and CYP1B1 in a Chinese pedigree of primary open-angle glaucoma.

Prenatal treatment with retinoic acid activates parathyroid hormone-related protein signaling in the nitrofen-induced hypoplastic lung.

Selective ascorbate toxicity in malignant mesothelioma: a redox Trojan mechanism.

2,3,7,8-tetrachlorodibenzo-p-dioxin induced autophagy in a bovine kidney cell line.

Photoproduction of catalase-insensitive peroxides on the donor side of manganese-depleted photosystem II: evidence with a specific fluorescent probe.

Disruption of embryonic vascular development in predictive toxicology.

A neural cell adhesion molecule-derived peptide, FGL, attenuates glial cell activation in the aged hippocampus.

All-trans retinoic acid protects against arsenic-induced uterine toxicity in female Sprague-Dawley rats.

Stereoselective metabolism of fenoxaprop-ethyl and its chiral metabolite fenoxaprop in rabbits.

Non-dioxin-like polychlorinated biphenyls interfere with neuronal differentiation of embryonic neural stem cells.

Inhibition by resistant starch of red meat-induced promutagenic adducts in mouse colon.

The significance of glutathione for photoprotection at contrasting temperatures in the alpine plant species *Soldanella alpina* and *Ranunculus glacialis*.

In vitro assessment of retinoic acid and aryl hydrocarbon receptor activity of treated effluent from 39 wastewater-treatment plants in Victoria, Australia.

In vitro modulation of intracellular receptor signaling and cytotoxicity induced by extracts of cyanobacteria, complex water blooms and their fractions.

Attenuating effect of lycopene and ellagic acid on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced spermiotoxicity and testicular apoptosis.

Using condition factor and blood variable biomarkers in fish to assess water quality.

Preparation of π -2-complexes of fullerenes by reduction. Crystal structure and optical properties of $\{Ni(dppp)\cdot(\pi-C_{70})\}\cdot(C_6H_4Cl_2)_0.5$.

Hydroxytyrosol, the phenolic compound of olive oil protects human PBMC against oxidative stress and DNA damage mediated by 2,3,7,8-TCDD.

A new tunable light-emitting and π -stacked hexa-ethyleneglycol naphthalene-bisimide oligomer: synthesis, photophysics and electrochemical properties.

Genotoxic effects of polychlorinated biphenyls (PCB 153, 138, 101, 118) in a fish cell line (RTG-2).

Development of a co-culture model for in vitro toxicological studies in Atlantic salmon.

The cross-pathway control system regulates production of the secondary metabolite toxin, sirodesmin PL, in the ascomycete, *Leptosphaeria maculans*.

Effect of oral coadministration of artesunate with ferrous sulfate on rat liver mitochondrial membrane permeability transition.

Arsenic and fluoride induce neural progenitor cell apoptosis.

Hepatic effects of a highly purified 2,2',3,4,4',5,5'-heptachlorbiphenyl (PCB 180) in male and female rats.

Metam sodium intoxication: the specific role of degradation products--methyl isothiocyanate and carbon disulphide--as a function of exposure.

Protective role of selenium against over-expression of cancer-related apoptotic genes induced by o-cresol in rats.

[Astaxanthin inhibits sodium azide-induced cytotoxicity in hepatocyte L-02 cells probably by H⁺ transferring function].

Identification of triclosan intermediates produced by oxidative degradation using TiO₂ in pure water and their endocrine disrupting activities.

Effect of dioxin exposure on several indices of blood redox status in lactating buffalo cows.

In vitro toxicity profiling of ultrapure non-dioxin-like polychlorinated biphenyl congeners and their relative toxic contribution to PCB mixtures in humans.

Free radical production, antioxidant capacity, and oxidative stress response signatures in fibroblasts from Lewis dwarf rats: effects of life span-extending peripubertal GH treatment.

Photo-driven optical oscillators in the kHz range based on push-pull hydroxyazopyridines.

Dioxin toxicity, aryl hydrocarbon receptor signaling, and apoptosis-persistent pollutants affect programmed cell death.

Light- and sodium azide-induced death of RGC-5 cells in culture occurs via different mechanisms.

Changes in DNA methylation and gene expression during 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced suppression of the lipopolysaccharide-stimulated IgM response in splenocytes.

Singlet oxygen mediated DNA degradation by copper nanoparticles: potential towards cytotoxic effect on cancer cells.

Chiral epoxides via borane reduction of 2-haloketones catalyzed by spiroborate ester: application to the synthesis of optically pure 1,2-hydroxy ethers and 1,2-azido alcohols.

Toxic pollutants emitted from thermal decomposition of phthalimide compounds.

Chlorinated benzenes cause concomitantly oxidative stress and induction of apoptotic markers in lung epithelial cells (A549) at nonacute toxic concentrations.

Effects of spermidine and p-cresol on polymorphonuclear cell apoptosis and function.

Intracellular trafficking of hyaluronic acid-chitosan oligomer-based nanoparticles in cultured human ocular surface cells.

Enhanced indirect fluorescence detection of p-nitrophenol, 2,4-dinitrophenol and trinitrophenol by micellar electrokinetic capillary chromatography with in-column optical-fiber LED-induced fluorescence detection.

Low-level laser therapy activates NF- κ B via generation of reactive oxygen species in mouse embryonic fibroblasts.

Chemo-enzymatic synthesis and properties of novel optically active cationics containing carbonate linkages.

In vitro assessment of iron effect on porcine ovarian granulosa cells: secretory activity, markers of proliferation and apoptosis.

DNA damage induced by shikonin in the presence of Cu(II) ions: potential mechanism of its activity to apoptotic cell death.

$\hat{\Gamma}^2$ -dicarbonyl enolates: a new class of neuroprotectants.

Calcium/calmodulin-dependent protein kinase IV involvement in the pathophysiology of glucotoxicity in rat pancreatic $\hat{\Gamma}^2$ -cells.

Cardiac-specific overexpression of catalase attenuates paraquat-induced myocardial geometric and contractile alteration: role of ER stress.

Rosmarinic acid antagonized 1-methyl-4-phenylpyridinium (MPP+)-induced neurotoxicity in MES23.5 dopaminergic cells.

Ecotoxicological effects of diuron and chlorotoluron nitrate-induced photodegradation products: monospecific and aquatic mesocosm-integrated studies.

Î±-Tocopherol is an effective Phase II enzyme inducer: protective effects on acrolein-induced oxidative stress and mitochondrial dysfunction in human retinal pigment epithelial cells.

Proteomic analysis of diaminochlorotriazine (DACT) adducts in three brain regions of Wistar rats.

PCB congener specific oxidative stress response by microarray analysis using human liver cell line.

Rasagiline protects against alpha-synuclein induced sensitivity to oxidative stress in dopaminergic cells.

Dose response assessment for effects of acute exposure to methyl isothiocyanate (MITC).

Hydroxytyrosol protects against oxidative damage by simultaneous activation of mitochondrial biogenesis and phase II detoxifying enzyme systems in retinal pigment epithelial cells.

Glyphosate-based herbicides produce teratogenic effects on vertebrates by impairing retinoic acid signaling.

Multiple stressor effects of high light irradiance and photosynthetic herbicides on growth and survival of the green alga *Chlamydomonas reinhardtii*.

Chlorothalonil and 2,4-D losses in surface water discharge from a managed turf watershed.

Acute atrazine exposure disrupts matrix metalloproteinases and retinoid signaling during organ morphogenesis in *Xenopus laevis*.

A deuterohemin peptide extends lifespan and increases stress resistance in *Caenorhabditis elegans*.

Paraquat and Parkinson's disease.

Resveratrol protects human retinal pigment epithelial cells from acrolein-induced damage.

Potential role of acrolein in neurodegeneration and in Alzheimer's disease.

Activation of apoptosis signal-regulating kinase 1 is a key factor in paraquat-induced cell death: modulation by the Nrf2/Trx axis.

Light modulated toxicity of isoproturon toward natural stream periphyton photosynthesis: a comparison between constant and dynamic light conditions.

Spontaneous mutation frequency is elevated in skin of harlequin (hq)/Big Blue mice.

Cigarette smoke total particulate matter increases mucous secreting cell numbers in vitro: a potential model of goblet cell hyperplasia.

The effects of atrazine on spotted salamander embryos and their symbiotic alga.

Studies on glyphosate-induced carcinogenicity in mouse skin: a proteomic approach.

Acrolein induces apoptosis through the death receptor pathway in A549 lung cells: role of p53.

Synthesis of sphingosine is essential for oxidative stress-induced apoptosis of photoreceptors.

Side-effects of glyphosate on the life parameters of *Eriopsis connexa* (Coleoptera: Coccinellidae) in Argentina.

P19 neuronal differentiation and retinoic acid metabolism as criteria to investigate atrazine, nitrite, and nitrate developmental toxicity.

NF-kappaB mediates MPP⁺-induced apoptotic cell death in neuroblastoma cells SH-EP1 through JNK and c-Jun/AP-1.

Environmental damage to the retina and preconditioning: contrasting effects of light and hyperoxic stress.

DJ-1 as a modulator of autophagy: an hypothesis.

Cytotoxic effect of trans-cinnamaldehyde on human leukemia K562 cells.

Bicyclic triterpenoid Iripallidal induces apoptosis and inhibits Akt/mTOR pathway in glioma cells.

Insulinotropic effect of cinnamaldehyde on transcriptional regulation of pyruvate kinase, phosphoenolpyruvate carboxykinase, and GLUT4 translocation in experimental diabetic rats.

Aqueous cinnamon extract (ACE-c) from the bark of *Cinnamomum cassia* causes apoptosis in human cervical cancer cell line (SiHa) through loss of mitochondrial membrane potential.

Cinnamaldehyde impairs high glucose-induced hypertrophy in renal interstitial fibroblasts.

Potential effects of the herbicide Diuron on mammary and urinary bladder two-stage carcinogenesis in a female Swiss mouse model.

Cinnamaldehydes inhibit thioredoxin reductase and induce Nrf2: potential candidates for cancer therapy and chemoprevention.

Composition, antimicrobial activity and in vitro cytotoxicity of essential oil from *Cinnamomum zeylanicum* Blume (Lauraceae).

Diquat derivatives: highly active, two-dimensional nonlinear optical chromophores with potential redox switchability.

Selective induction of catalase-mediated autophagy by dihydrocapsaicin in lung cell lines.

Characterization of developmental neurotoxicity of As, Cd, and Pb mixture: synergistic action of metal mixture in glial and neuronal functions.

An endogenous aryl hydrocarbon receptor ligand acts on dendritic cells and T cells to suppress experimental autoimmune encephalomyelitis.

Dioxin toxicity in vivo results from an increase in the dioxin-independent transcriptional activity of the aryl hydrocarbon receptor.

Embryonic Wnt gene expression in the nitrofen-induced hypoplastic lung using 3-dimensional imaging.

Recruitment maneuver in experimental acute lung injury: the role of alveolar collapse and edema.

The high level of RANTES in the ectopic milieu recruits macrophages and induces their tolerance in progression of endometriosis.

Suppression of hepatic oxidative events and regulation of eNOS expression in the liver by naringenin in fructose-administered rats.

hsa-miR-191 is a candidate oncogene target for hepatocellular carcinoma therapy.

The activated aryl hydrocarbon receptor synergizes mitogen-induced murine liver hyperplasia.

Arsenic-induced cell proliferation is associated with enhanced ROS generation, Erk signaling and CyclinA expression.

Clinical, pathologic, and ultrastructural studies of progressive macular hypomelanosis.

Protective effects of crude garlic by reducing iron-mediated oxidative stress, proliferation and autophagy in rats.

Prenatal retinoic acid upregulates pulmonary gene expression of PI3K and AKT in nitrofen-induced pulmonary hypoplasia.

2,3,7,8-Tetrachlorodibenzo-p-dioxin modifies expression and nuclear/cytosolic localization of bovine herpesvirus 1 immediate-early protein (bICP0) during infection.

Heart tissue of harlequin (hq)/Big Blue mice has elevated reactive oxygen species without significant impact on the frequency and nature of point mutations in nuclear DNA.

Anti-mutagenic and pro-apoptotic effects of apigenin on human chronic lymphocytic leukemia cells.

Manipulating tumor acidification as a cancer treatment strategy.

HET-CAM test for determining the possible eye irritancy of pesticides.

Sodium azide-associated laryngospasm after air bag deployment.

Implication of TAp73 in the p53-independent pathway of Puma induction and Puma-dependent apoptosis in primary cortical neurons.

2,3,7,8-Tetrachlorodibenzo-p-dioxin up-regulates stathmin 1 in the eye: suggestive evidence for the involvement of stathmin 1 in accelerated eye opening in mice induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Quantitative and statistical analysis of differences in sensitivity between Long-Evans and Han/Wistar rats following long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Toxicity of Bromkal 70-5DE, a technical mixture of polybrominated diphenyl ethers, following 28 d of oral exposure in rats and impact of analysed impurities.

Prenatal developmental toxicity of gavage or feeding doses of 2-sec-butyl-4,6-dinitrophenol in rats.

The genome-wide expression profile of electroacupuncture in DNP-KLH immunized mice.

N-aryltriazole ribonucleosides with potent antiproliferative activity against drug-resistant pancreatic cancer.

Enhancement of TAT cell membrane penetration efficiency by dimethyl sulphoxide.

[Effects of rosiglitazone on the Hep-2 cell proliferation, cell cycle and COX-2 expression].

Developmental profile in children with iron deficiency anemia and its changes after therapeutic iron supplementation.

Suppression of experimental autoimmune uveoretinitis by inducing differentiation of regulatory T cells via activation of aryl hydrocarbon receptor.

Ischemia induces regulator of G protein signaling 2 (RGS2) protein upregulation and enhances apoptosis in astrocytes.

Stabilization of transcription factor Nrf2 by tBHQ prevents oxidative stress-induced amyloid beta formation in NT2N neurons.

Colon cancer chemopreventive activities of pomegranate ellagitannins and urolithins.

Suppression of p53 and p21CIP1/WAF1 reduces arsenite-induced aneuploidy.

Growth and thyroid function in children with in utero exposure to dioxin: a 5-year follow-up study.

Aryl hydrocarbon receptor regulates cell cycle progression in human breast cancer cells via a functional interaction with cyclin-dependent kinase 4.

Activation of the aryl hydrocarbon receptor pathway enhances cancer cell invasion by upregulating the MMP expression and is associated with poor prognosis in upper urinary tract urothelial cancer.

Ischemia-activated microglia induces neuronal injury via activation of gp91phox NADPH oxidase.

A combination of iron and retinol supplementation benefits iron status, IL-2 level and lymphocyte proliferation in anemic pregnant women.

Fluorescent silica nanoparticles for cancer imaging.

Function and expression of ATP-binding cassette transporters in cultured human Y79 retinoblastoma cells.

Aryl hydrocarbon receptor functions as a potent coactivator of E2F1-dependent transcription activity.

Increase in in utero exposure to a migrant, 4,4'-butylidenebis(6-t-butyl-m-cresol), from nitrile-butadiene rubber gloves on brain aromatase activity in male rats.

Downregulation of insulin-like growth factor binding protein 3 and 5 in nitrofen-induced pulmonary hypoplasia.

Neuroprotective effect of s-methylisothiourrea in transient focal cerebral ischemia in rat.

Protein-bound uraemic toxin removal in haemodialysis and post-dilution haemodiafiltration.

Early development of the primordial mammalian diaphragm and cellular mechanisms of nitrofen-induced congenital diaphragmatic hernia.

Circular dichroism, optical rotation and absolute configuration of 2-cyclohexenone-cis-diol type phenol metabolites: redefining the role of substituents and 2-cyclohexenone conformation in electronic circular dichroism spectra.

Pyrrolidine dithiocarbamate (PDTC)/Cu complex induces lung epithelial cell apoptosis through mitochondria and ER-stress pathways.

Cubic mesoporous graphitic carbon(IV) nitride: an all-in-one chemosensor for selective optical sensing of metal ions.

Evidence supporting a role for N-(3-formyl-3,4-dehydropiperidino)lysine accumulation in Müller glia dysfunction and death in diabetic retinopathy.

The malondialdehyde-derived fluorophore DHP-lysine is a potent sensitizer of UVA-induced photooxidative stress in human skin cells.

Effect of intracellular photosensitized singlet oxygen production on the electrophysiological properties of cultured rat hippocampal neurons.

Effects of selected food phytochemicals in reducing the toxic actions of TCDD and p,p'-DDT in U937 macrophages.

Numerical variations and spontaneous malformations in the early embryos of the Korean salamander, *Hynobius leechii*, in the farmlands of Korea.

Quadratic and cubic nonlinear optical properties of salts of diquat-based chromophores with diphenylamino substituents.

Relationship between persistent halogenated organic contaminants and TCDD-toxic equivalents on EROD activity and retinoid and thyroid hormone status in northern fulmars.

Injury and differentiation following inhibition of mitochondrial respiratory chain complex IV in rat oligodendrocytes.

Metabolic stress-induced programmed cell death in *Xanthomonas*.

Influence of the photostabilizer in the photoprotective effects of a formulation containing UV-filters and vitamin A.

Expression of pax6 and sox2 in adult olfactory epithelium.

Dig1 protects against cell death provoked by glyphosate-based herbicides in human liver cell lines.

Use of live imaging analysis for evaluation of cytotoxic chemicals that induce apoptotic cell death.

Photoprotection by plant extracts: a new ecological means to reduce pesticide photodegradation.

Transport of L-carnitine in human corneal and conjunctival epithelial cells.

Stereospecific substitution of allylic alcohols to give optically active primary allylic amines: unique reactivity of a (P,alkene)Ir complex modulated by iodide.

An efficient one-pot synthesis of heterocycle-fused 1,2,3-triazole derivatives as anti-cancer agents.

Arsenic induces apoptosis of human umbilical vein endothelial cells through mitochondrial pathways.

Gene-chemical interactions in the developing mammalian nervous system: Effects on proliferation, neurogenesis and differentiation.

Nanoengineered optical urea biosensor for estimating hemodialysis parameters in spent dialysate.

Regulation of the human CHOP gene promoter by the stress response transcription factor ATF5 via the AARE1 site in human hepatoma HepG2 cells.

Cytoprotective effects of silymarin on epithelial cells against arsenic-induced apoptosis in contrast with quercetin cytotoxicity.

A study of neurologic symptoms on exposure to organophosphate pesticides in the children of agricultural workers.

Genomic indicators in the blood predict drug-induced liver injury.

Expression of aryl hydrocarbon receptor in human placentas and fetal tissues.

Conserved structure of the chloroplast-DNA encoded D1 protein is essential for effective photoprotection via non-photochemical thermal dissipation in higher plants.

A case of toxic epidermal necrolysis (ten) with severe chronic ocular complications in a healthy 46-year-old woman.

Dioxin photoproducts of triclosan and its chlorinated derivatives in sediment cores.

Nitrofen induces apoptosis independently of retinaldehyde dehydrogenase (RALDH) inhibition.

A 28-day oral toxicity study of fermentation-derived cellulose, produced by *Acetobacter aceti* subspecies *xylinum*, in F344 rats.

Multiple protective functions of catalase against intercellular apoptosis-inducing ROS signaling of human tumor cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptosis in neural growth factor (NGF)-differentiated pheochromocytoma PC12 cells.

Decrease of intracellular pH as possible mechanism of embryotoxicity of glycol ether alkoxyacetic acid metabolites.

Metabolic correlations of glucocorticoids and polyamines in inflammation and apoptosis.

Effects of folate on arsenic toxicity in Chang human hepatocytes: involvement of folate antioxidant properties.

Dynamic zebrafish interactome reveals transcriptional mechanisms of dioxin toxicity.

Estrogenic activity of coumestrol, DDT, and TCDD in human cervical cancer cells.

Synergistic effect of ultrasound and thiazone-PEG 400 on human skin optical clearing in vivo.

Endocrine disruptor, dioxin (TCDD)-induced mitochondrial dysfunction and apoptosis in human trophoblast-like JAR cells.

Imaging dermal blood flow through the intact rat skin with an optical clearing method.

TCDD-induced cyclooxygenase-2 expression is mediated by the nongenomic pathway in mouse MMDD1 macula densa cells and kidneys.

[Epigenetic mechanism of depression].

Somatic embryogenesis in in vitro culture of *Leucjum vernum* L.

Chloroplast and reactive oxygen species involvement in apoptotic-like programmed cell death in *Arabidopsis* suspension cultures.

Mechanisms of corneal tissue cross-linking in response to treatment with topical riboflavin and long-wavelength ultraviolet radiation (UVA).

Paraquat activates the IRE1/ASK1/JNK cascade associated with apoptosis in human neuroblastoma SH-SY5Y cells.

The role of T cells in the regulation of acrolein-induced pulmonary inflammation and epithelial-cell pathology.

Acrolein induces a cellular stress response and triggers mitochondrial apoptosis in A549 cells.

Natural polyphenols as direct trapping agents of lipid peroxidation-derived acrolein and 4-hydroxy-trans-2-nonenal.

Effect of pesticides on cell survival in liver and brain rat tissues.

p38 MAPK and MMP-9 cooperatively regulate mucus overproduction in mice exposed to acrolein fog.

Haemocyte lysosomal fragility facing an environmental reality: a toxicological perspective with atrazine and *Lymnaea stagnalis* (Gastropoda, Pulmonata) as a test case.

The toxicity of Roundup Original Max to 13 species of larval amphibians.

Trivalent methylated arsenical-induced phosphatidylserine exposure and apoptosis in platelets may lead to increased thrombus formation.

Arsenite and its metabolites, MMA(III) and DMA(III), modify CYP3A4, PXR and RXR alpha expression in the small intestine of CYP3A4 transgenic mice.

Up-regulation of divalent metal transporter 1 is involved in 1-methyl-4-phenylpyridinium (MPP(+))-induced apoptosis in MES23.5 cells.

Nitric oxide-mediated toxicity in paraquat-exposed SH-SY5Y cells: a protective role of 7-nitroindazole.

Induction of oxidative stress and apoptosis by pentachlorophenol in primary cultures of *Carassius carassius* hepatocytes.

Fibroblast growth factor 9 prevents MPP⁺-induced death of dopaminergic neurons and is involved in melatonin neuroprotection in vivo and in vitro.

Prognosis of paraquat-induced ocular surface injury: therapeutic effect of amniotic membrane transplantation.

Toxicological study of pesticides in air and precipitations of Paris by means of a bioluminescence method.

Time-dependent degradation and toxicity of diclofop-methyl in algal suspensions : emerging contaminants.

Evaluation of pathways involved in pentachlorophenol-induced apoptosis in rat neurons.

Acrolein-derived DNA adduct formation in human colon cancer cells: its role in apoptosis induction by docosahexaenoic acid.

Immunotoxicological effects of a sub-chronic exposure to selected current-use pesticides in rainbow trout (*Oncorhynchus mykiss*).

Changes of thyroid hormone levels and related gene expression in Chinese rare minnow (*Gobiocypris rarus*) during 3-amino-1,2,4-triazole exposure and recovery.

Protection against paraquat and A53T alpha-synuclein toxicity by cabergoline is partially mediated by dopamine receptors.

[Expression of inflammatory factors in lung tissue of acute paraquat poisoned rats].

Oxidant stress-induced liver injury in vivo: role of apoptosis, oncotic necrosis, and c-Jun NH₂-terminal kinase activation.

Photodegradation product of sulcotrione and the physiological response of maize (*Zea mays*) and white mustard (*Sinapis alba*).

Effects of molinate on survival and development of *Bombina orientalis* (Boulenger) embryos.

Plant growth regulator (4-chlorophenoxy acetic acid) increases apoptosis in gonads of rats without changing hormonal levels.

Glyphosate formulations induce apoptosis and necrosis in human umbilical, embryonic, and placental cells.

Involvement of ubiquitin proteasome system in protective mechanisms of Puerarin to MPP⁽⁺⁾-elicited apoptosis.

Growth arrest and DNA damage protein 45b (*Gadd45b*) protects retinal ganglion cells from injuries.

Modulation of intercellular ROS signaling of human tumor cells.

The effects of N-acetyl cysteine, buthionine sulfoximine, diethyldithiocarbamate or 3-amino-1,2,4-triazole on antimycin A-treated Calu-6 lung cells in relation to cell growth, reactive oxygen species and glutathione.

Okadaic acid protects human neuroblastoma SH-SY5Y cells from 1-methyl-4-phenylpyridinium ion-induced apoptosis.

2'-Benzoyloxycinnamaldehyde inhibits tumor growth in H-ras12V transgenic mice via downregulation of metallothionein.

Optical biosensors for environmental monitoring based on computational and biotechnological tools for engineering the photosynthetic D1 protein of *Chlamydomonas reinhardtii*.

Microalgae fiber optic biosensors for herbicide monitoring using sol-gel technology.

Protective mechanism of quercetin and rutin using glutathione metabolism on HO-induced oxidative stress in HepG2 cells.

Prenatal exposure to pesticides disrupts testicular histoarchitecture and alters testosterone levels in male *Caiman latirostris*.

Chlorophenols induce lipid peroxidation and change antioxidant parameters in the leaves of wheat (*Triticum aestivum* L.).

Oxidative stress promotes proliferation and dedifferentiation of retina glial cells in vitro.

Generation and characterization of cells that can be conditionally depleted of mitochondrial SOD2.

Conjugated polyelectrolytes: synthesis, photophysics, and applications.

Prolonged recruitment manoeuvre improves lung function with less ultrastructural damage in experimental mild acute lung injury.

Transcriptional changes associated with reduced spontaneous liver tumor incidence in mice chronically exposed to high dose arsenic.

Antioxidant activity of mangostin in cell-free system and its effect on K562 leukemia cell line in photodynamic therapy.

Amended safety assessment of sodium picramate and picramic acid.

Iron overload alters iron-regulatory genes and proteins, down-regulates osteoblastic phenotype, and is associated with apoptosis in fetal rat calvaria cultures.

Arsenite exposure compromises early embryonic development in the Golden hamster.

Overview of developmental heart defects by dioxins, PCBs, and pesticides.

Prenatal retinoic acid up-regulates pulmonary gene expression of COUP-TFII, FOG2, and GATA4 in pulmonary hypoplasia.

Inhibition of UV-C light-induced apoptosis in liver cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Differential cytotoxic effects of arsenic compounds in human acute promyelocytic leukemia cells.

Autologous melanoma vaccine induces antitumor and self-reactive immune responses that affect patient survival and depend on MHC class II expression on vaccine cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) inhibits neurite outgrowth in differentiating human SH-SY5Y neuroblastoma cells.

Characterization of MCF mammary epithelial cells overexpressing the Arylhydrocarbon receptor (AhR).

Effects of intrauterine 2,3,7,8-tetrachlorodibenzo-p-dioxin on the development and function of the gonadotrophin releasing hormone neuronal system in the male rat.

Induction of apoptosis by phloroglucinol derivative from Ecklonia Cava in MCF-7 human breast cancer cells.

Subchronic feeding study with genetically modified stacked trait lepidopteran and coleopteran resistant (DAS- \tilde{A} 15 \tilde{A} 7-1xDAS-59122-7) maize grain in Sprague-Dawley rats.

Effects of dioxin on vascular endothelial growth factor (VEGF) production in the retina associated with choroidal neovascularization.

Taurine protects rat testes against NaAsO₂-induced oxidative stress and apoptosis via mitochondrial dependent and independent pathways.

Melatonin reduces acute lung injury in endotoxemic rats.

Effects of frequency and inspiratory plateau pressure during recruitment manoeuvres on lung and distal organs in acute lung injury.

Transplacental and early life exposure to inorganic arsenic affected development and behavior in offspring rats.

Regulation of mitochondrial dynamics in acute kidney injury in cell culture and rodent models.

Potential therapeutic significance of increased expression of aryl hydrocarbon receptor in human gastric cancer.

Effect of DNA hypomethylation on genotoxicity and apoptogenicity of sodium arsenite in laboratory mice.

Activation of the aryl hydrocarbon receptor by TCDD inhibits senescence: a tumor promoting event?

Dioxin-induced toxicity on vascular remodeling of the placenta.

AHR signaling in prostate growth, morphogenesis, and disease.

Identification of tumor promotion marker genes for predicting tumor promoting potential of chemicals in BALB/c 3T3 cells.

Chronic health impairment due to 2,3,7,8-tetrachloro-dibenzo-p-dioxin exposure.

Illnesses associated with chloropicrin use in California agriculture, 1992-2003.

The anti-apoptotic activity of albumin for endothelium is inhibited by advanced glycation end products restricting intramolecular movement.

Menadione reduction by pharmacological doses of ascorbate induces an oxidative stress that kills breast cancer cells.

Molecular cloning and oxidative modification of human lens ALDH1A1: implication in impaired detoxification of lipid aldehydes.

Therapeutic surfactants modulate the viability of eosinophils and induce inflammatory mediator release.

Silencing of PINK1 expression affects mitochondrial DNA and oxidative phosphorylation in dopaminergic cells.

Arsenic induced apoptosis in malignant melanoma cells is enhanced by menadione through ROS generation, p38 signaling and p53 activation.

Speciation of arsenic trioxide metabolites in blood cells and plasma of a patient with acute promyelocytic leukemia.

Melatonin inhibits arsenite-induced peripheral neurotoxicity.

Effects of chronic low dose rotenone treatment on human microglial cells.

The mammalian aryl hydrocarbon (Ah) receptor: from mediator of dioxin toxicity toward physiological functions in skin and liver.

Mst1-FoxO signaling protects Na⁺ve T lymphocytes from cellular oxidative stress in mice.

Modulation of arsenic trioxide-induced apoptosis by genistein and functionally related agents in U937 human leukaemia cells. Regulation by ROS and mitogen-activated protein kinases.

Short form glutathione peroxidase 4 is the essential isoform required for survival and somatic mitochondrial functions.

A novel approach using DNA-repair-deficient chicken DT40 cell lines for screening and characterizing the genotoxicity of environmental contaminants.

Influence of teratogenic factors on mouse 39 hox gene expression.

Sonic hedgehog gene expression in nitrofen induced hypoplastic lungs in mice.

Changes in iron-regulatory proteins in the aged rodent neural retina.

The tryptophan photoproduct 6-formylindolo[3,2-b]carbazole (FICZ) binds multiple AHRs and induces multiple CYP1 genes via AHR2 in zebrafish.

Synthesis, photophysical properties and sugar-dependent in vitro photocytotoxicity of pyrrolidine-fused chlorins bearing S-glycosides.

Taurine prevents arsenic-induced cardiac oxidative stress and apoptotic damage: role of NF-kappa B, p38 and JNK MAPK pathway.

Arsenic induces mitochondria-dependent apoptosis by reactive oxygen species generation rather than glutathione depletion in Chang human hepatocytes.

Remarkable tuning of the coordination and photophysical properties of lanthanide ions in a series of tetrazole-based complexes.

Systematic gene expression profile of hypothalamus in calorie-restricted mice implicates the involvement of mTOR signaling in neuroprotective activity.

Cytotoxicity of spermine oxidation products to multidrug resistant melanoma M14 ADR2 cells: sensitization by the MDL 72527 lysosomotropic compound.

Activation of the aryl hydrocarbon receptor during different critical windows in pregnancy alters mammary epithelial cell proliferation and differentiation.

Dehydroascorbate protection against dioxin-induced toxicity in the beta-cell line INS-1E.

Interaction of fish aryl hydrocarbon receptor paralogs (AHR1 and AHR2) with the retinoblastoma protein.

Arsenic exposure disrupts neurite growth and complexity in vitro.

Biotechnological and industrial significance of cyanobacterial secondary metabolites.

Arsenic induces telomerase expression and maintains telomere length in human cord blood cells.

Fe²⁺ and Fe³⁺ initiated peroxidation of sonicated and non-sonicated liposomes made of retinal lipids in different aqueous media.

Lipopolysaccharide-induced apoptosis in transformed bovine brain endothelial cells and human dermal microvessel endothelial cells: the role of JNK.

Drug metabolizing enzyme expression in rat choroid plexus: effects of in vivo xenobiotics treatment.

Disruption of the thyroid system by diethylstilbestrol and ioxynil in the sea bream (*Sparus aurata*).

Short-term exposure to dioxin impairs bone tissue in male rats.

Sodium azide induced neuronal damage in vitro: evidence for non-apoptotic cell death.

Peroxiredoxin 5 confers protection against oxidative stress and apoptosis and also promotes longevity in *Drosophila*.

Effects of prometryne on apoptosis and necrosis in thymus, lymph node and spleen in mice.

Activated toxicity of diesel particulate extract by ultraviolet a radiation in mammalian cells: role of singlet oxygen.

Behavioral responses of *Daphnia magna* to stresses of chemicals with different toxic characteristics.

Functional ryanodine receptors in the plasma membrane of RINm5F pancreatic beta-cells.

Developmental mechanisms of arsenite toxicity in zebrafish (*Danio rerio*) embryos.

Up-regulation of COUP-TFII gene expression in the nitrofen-induced hypoplastic lung.

Optical waveguide light-mode spectroscopy immunosensors for environmental monitoring.

Paclitaxel-resistance conferred by altered expression of efflux and influx transporters for paclitaxel in the human hepatoma cell line, HepG2.

Effects of perinatal PBDE exposure on hepatic phase I, phase II, phase III, and deiodinase 1 gene expression involved in thyroid hormone metabolism in male rat pups.

Photolysis of the herbicide sulcotrione: formation of a major photoproduct and its toxicity evaluation.

Avoidance test with *Enchytraeus albidus* (Enchytraeidae): effects of different exposure time and soil properties.

Cytotoxic, genotoxic and cell-cycle disruptive effects of thio-dimethylarsinate in cultured human cells and the role of glutathione.

Neuroprotective effects of (-)-epigallocatechin-3-gallate (EGCG) on paraquat-induced apoptosis in PC12 cells.

Pretreatment with near-infrared light via light-emitting diode provides added benefit against rotenone- and MPP⁺-induced neurotoxicity.

Genome-wide transcriptional responses to acrolein.

1-Methyl-4-phenyl-pyridinium ion-induced oxidative stress, c-Jun phosphorylation and DNA fragmentation factor-45 cleavage in SK-N-SH cells are averted by selegiline.

[Influence of pyrrolidine dithiocarbamate (PDTTC) on expression of transforming growth factor beta(1), matrix metalloproteinase-2 and tissue inhibitor-1 of metalloproteinase in rats with pulmonary damage induced by paraquat].

Protective effect of estrogen on apoptosis in a cell culture model of Parkinson's disease.

Spermatogenesis, epididymis morphology and plasma sex steroid secretion in the male lizard *Podarcis sicula* exposed to diuron.

Mitochondrial complex I inhibition is not required for dopaminergic neuron death induced by rotenone, MPP⁺, or paraquat.

More toxic and photoresistant products from photodegradation of fenoxaprop-p-ethyl.

Nonredundant functions of alpha beta and gamma delta T cells in acrolein-induced pulmonary pathology.

Acrolein health effects.

Atrazine exposure decreases cell proliferation in Chinese Hamster Ovary (CHO-K1) cell line.

Role of protein kinase C delta in paraquat-induced glial cell death.

Modulation of signal transduction pathways in lymphocytes due to sub-lethal toxicity of chlorinated phenol.

Subchronic feeding study of herbicide-tolerant soybean DP-356~43-5 in Sprague-Dawley rats.

Protein alkylation, transcriptional responses and cytochrome c release during acrolein toxicity in A549 cells: influence of nucleophilic culture media constituents.

Maneb potentiates paraquat neurotoxicity by inducing key Bcl-2 family members.

Acute toxic hazard evaluations of glyphosate herbicide on terrestrial vertebrates of the Oregon coast range.

The *C. elegans* Opa1 homologue EAT-3 is essential for resistance to free radicals.

Perturbation of organogenesis by the herbicide atrazine in the amphibian *Xenopus laevis*.

Protective effects of a new metalloporphyrin on paraquat-induced oxidative stress and apoptosis in N27 cells.

Identification of genes associated with paraquat-induced toxicity in SH-SY5Y cells by PCR array focused on apoptotic pathways.

Coupling endoplasmic reticulum stress to the cell death program in dopaminergic cells: effect of paraquat.

[Cytogenetic and other cariological parameters of exfoliative buccal cells in Vietnamese children from areas where dioxin-containing herbicides were applied].

Paraquat-induced apoptosis in human neuroblastoma SH-SY5Y cells: involvement of p53 and mitochondria.

Acrolein: sources, metabolism, and biomolecular interactions relevant to human health and disease.

Photoreceptor oxidative damage in sympathetic ophthalmia.

Anti-diabetic effects of cinnamaldehyde and berberine and their impacts on retinol-binding protein 4 expression in rats with type 2 diabetes mellitus.

Modulation of reactive oxygen species by antioxidants in chronic myeloid leukemia cells enhances imatinib sensitivity through survivin downregulation.

Dihydrocapsaicin (DHC), a saturated structural analog of capsaicin, induces autophagy in human cancer cells in a catalase-regulated manner.

Modulation of the neuronal response to ischaemia by somatostatin analogues in wild-type and knock-out mouse retinas.

Acrolein inhalation suppresses lipopolysaccharide-induced inflammatory cytokine production but does not affect acute airways neutrophilia.

Enhanced autophagy and mitochondrial aberrations in murine G(M1)-gangliosidosis.

Paraquat neurotoxicity is mediated by a Bak-dependent mechanism.

Biocidal performance of acrylated glyphosate in a model photopolymerizable coating formulation.

Down-regulation of aldose reductase renders J774A.1 cells more susceptible to acrolein- or hydrogen peroxide-induced cell death.

Development of a photosystem II-based optical microfluidic sensor for herbicide detection.

Cinnamoyl-based Nrf2-activators targeting human skin cell photo-oxidative stress.

Tear cytokine and ocular surface alterations following brief passive cigarette smoke exposure.

Cell death activation during cavitation of embryoid bodies is mediated by hydrogen peroxide.

Lipoamide protects retinal pigment epithelial cells from oxidative stress and mitochondrial dysfunction.

Imbalance between ROS production and elimination results in apoptosis induction in primary smooth chorion trophoblast cells prepared from human fetal membrane tissues.

Change in optical properties of stratum corneum induced by protein carbonylation in vitro.

Infrared optical immunosensor: application to the measurement of the herbicide atrazine.

In vitro study on the binding of herbicide glyphosate to human serum albumin by optical spectroscopy and molecular modeling.

Characterization of the transcriptional profile in primary astrocytes after oxidative stress induced by Paraquat.

Decoy receptor 3 expression in AsPC-1 human pancreatic adenocarcinoma cells via the phosphatidylinositol 3-kinase-, Akt-, and NF-kappa B-dependent pathway.

Sodium azide induces necrotic cell death in rat squamous cell carcinoma SCC131.

Dihydrolipoic acid inhibits tetrachlorohydroquinone-induced tumor promotion through prevention of oxidative damage.

Quercetin prevents necrotic cell death induced by co-exposure to benzo(a)pyrene and UVA radiation.

Carbamylated low-density lipoprotein induces proliferation and increases adhesion molecule expression of human coronary artery smooth muscle cells.

Induction of cytoplasmic accumulation of p53: a mechanism for low levels of arsenic exposure to predispose cells for malignant transformation.

Effect of dimethyl sulfides on the induction of apoptosis in human leukemia Jurkat cells and HL-60 cells.

Fluorescence confocal laser scanning microscopy for in vivo imaging of epidermal reactions to two experimental irritants.

KLF6 induces apoptosis in prostate cancer cells through up-regulation of ATF3.

Potassium fluxes, energy metabolism, and oxygenation in intact diabetic rat hearts under normal and stress conditions.

Liver is a target of arsenic carcinogenesis.

Mitotic arrest-associated apoptosis induced by sodium arsenite in A375 melanoma cells is BUBR1-dependent.

Cross-talk between aryl hydrocarbon receptor and mitogen-activated protein kinase signaling pathway in liver cancer through c-raf transcriptional regulation.

Unique spatial and cellular expression patterns of Hoxa5, Hoxb4, and Hoxb6 proteins in normal developing murine lung are modified in pulmonary hypoplasia.

Oxidative inactivation of the proteasome in retinal pigment epithelial cells. A potential link between oxidative stress and up-regulation of interleukin-8.

Arsenic interferes with the signaling transduction pathway of T cell receptor activation by increasing basal and induced phosphorylation of Lck and Fyn in spleen cells.

Influences of perinatal dioxin load to visual motion and oddball stimuli examined with an EEG and MEG analysis.

Involvement of SREBPs in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced disruption of lipid metabolism in male guinea pig.

Effects of maternal retinoic acid administration in a congenital diaphragmatic hernia rabbit model.

Sensitivity to sodium arsenite in human melanoma cells depends upon susceptibility to arsenite-induced mitotic arrest.

A study of the process of apoptosis in animals infected with the contagious ecthyma virus.

Imaging breast cancer cells and tissues using peptide-labeled fluorescent silica nanoparticles.

GSK3 promotes arsenite-induced apoptosis via facilitation of mitochondria disruption.

Comparative genomics identifies genes mediating cardiotoxicity in the embryonic zebrafish heart.

[Effect of dioxin on apoptosis of osteogenic sarcoma cells and regulation on gene expression of insulin-like growth factor binding protein 6].

Iron-generated hydroxyl radicals kill retinal cells in vivo: effect of ferulic acid.

Resveratrol sensitizes melanomas to TRAIL through modulation of antiapoptotic gene expression.

Prenatal treatment with retinoic acid promotes pulmonary alveologenesis in the nitrofen model of congenital diaphragmatic hernia.

The common environmental pollutant dioxin-induced memory deficits by altering estrogen pathways and a major route of retinol transport involving transthyretin.

Aryl hydrocarbon receptor targets pathways extrinsic to bone marrow cells to enhance neutrophil recruitment during influenza virus infection.

Short dysfunctional telomeres impair the repair of arsenite-induced oxidative damage in mouse cells.

Prenatal treatment with retinoic acid accelerates type 1 alveolar cell proliferation of the hypoplastic lung in the nitrofen model of congenital diaphragmatic hernia.

Environmental factors in the etiology of esophageal atresia and congenital diaphragmatic hernia: results of a case-control study.

Reversal of arsenic-induced hepatic apoptosis with combined administration of DMSA and its analogues in guinea pigs: role of glutathione and linked enzymes.

Arsenite-induced thymus atrophy is mediated by cell cycle arrest: a characteristic downregulation of E2F-related genes revealed by a microarray approach.

Analysis of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced proteome changes in 5L rat hepatoma cells reveals novel targets of dioxin action including the mitochondrial apoptosis regulator VDAC2.

Subhepatotoxic exposure to arsenic enhances lipopolysaccharide-induced liver injury in mice.

Dioxin-mediated tumor progression through activation of mitochondria-to-nucleus stress signaling.

Insight into the selectivity of arsenic trioxide for acute promyelocytic leukemia cells by characterizing *Saccharomyces cerevisiae* deletion strains that are sensitive or resistant to the metalloid.

Neoplastic transformation of human small airway epithelial cells induced by arsenic.

C-reactive protein induces endothelial cell apoptosis and matrix metalloproteinase-9 production in human mononuclear cells: Implications for the destabilization of atherosclerotic plaque.

Bradykinin stimulates glutamate uptake via both B1R and B2R activation in a human retinal pigment epithelial cells.

Allium compounds, dipropyl and dimethyl thiosulfinates as antiproliferative and differentiating agents of human acute myeloid leukemia cell lines.

Silencing of mitochondrial alternative oxidase gene of *Aspergillus fumigatus* enhances reactive oxygen species production and killing of the fungus by macrophages.

Induction of cellular stress overcomes the requirement of herpes simplex virus type 1 for immediate-early protein ICPO and reactivates expression from quiescent viral genomes.

Impaired activation of caspase cascade during cell death induced by newly synthesized singlet oxygen generator, 1-buthylnaphthalene-4-propionate endoperoxide.

In utero exposure to 2,3,7,8-Tetrachlorodibenzo-p-Dioxin affects the development of reproductive system in mouse.

Arabidopsis AAL-toxin-resistant mutant *atr1* shows enhanced tolerance to programmed cell death induced by reactive oxygen species.

Reactive oxygen species in programmed death of pea guard cells.

2,3,7,8-tetrachlorodibenzo-p-dioxin regulates bovine herpesvirus type 1 induced apoptosis by modulating Bcl-2 family members.

Channels for water efflux and influx involved in volume regulation of murine spermatozoa.

Fifteen years after "Wingspread"--environmental endocrine disruptors and human and wildlife health: where we are today and where we need to go.

[Superoxide induces cellular growth and apoptosis of cultured human peripheral blood lymphocytes].

XRCC1 protects against the lethality of induced oxidative DNA damage in nondividing neural cells.

Evaluation of N (epsilon)-(3-formyl-3,4-dehydropiperidino)lysine as a novel biomarker for the severity of diabetic retinopathy.

Molecular regulation of somatic embryogenesis in potato: an auxin led perspective.

Comparison of a gas chromatography-optical fibre (GC-OF) detector with a gas chromatography-flame ionization detector (GC-FID) for determination of alcoholic compounds in industrial atmospheres.

Ghrelin infused into the portal vein inhibits glucose-stimulated insulin secretion in Wistar rats.

Genes related to apoptosis predict necrosis of the liver as a phenotype observed in rats exposed to a compendium of hepatotoxicants.

Effects of mitochondrial inhibitors on cell viability in U937 monocytes under glucose deprivation.

Endogenous Gas6 and Ca²⁺ -channel activation modulate phagocytosis by retinal pigment epithelium.

Insensitivity to glutamate neurotoxicity mediated by NMDA receptors in association with delayed mitochondrial membrane potential disruption in cultured rat cortical neurons.

Expression of phase I and phase II genes in mouse embryonic stem cells cultured in the presence of 2,3,7,8-tetrachlorodibenzo-para-dioxin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure disrupts granule neuron precursor maturation in the developing mouse cerebellum.

NF- κ B and caspases are involved in the hyaluronan and chondroitin-4-sulphate-exerted antioxidant effect in fibroblast cultures exposed to oxidative stress.

Arsenite-induced cytotoxicity in dorsal root ganglion explants.

Results of the negative control chemical allyl alcohol in the 15-day intact adult male rat screening assay for endocrine activity.

Identification of brominated and chlorinated phenols as potential thyroid-disrupting compounds in indoor dusts.

Thioredoxin 2 haploinsufficiency in mice results in impaired mitochondrial function and increased oxidative stress.

Loss of phospholipid asymmetry and elevated brain apoptotic protein levels in subjects with amnesic mild cognitive impairment and Alzheimer disease.

Induction of heat shock protein 70 by sodium arsenite attenuates burn-induced intestinal injury in severe burned rats.

[Research of a bioluminescent bacterial-based optical fiber sensor to detecting acute effects of pollutants in water].

Arsenic as an endocrine disruptor: arsenic disrupts retinoic acid receptor- and thyroid hormone receptor-mediated gene regulation and thyroid hormone-mediated amphibian tail metamorphosis.

Metacaspase-8 modulates programmed cell death induced by ultraviolet light and H₂O₂ in Arabidopsis.

Cleavage of focal adhesion kinase is an early marker and modulator of oxidative stress-induced apoptosis.

Melatonin prevents lipid peroxidation in human erythrocytes but augments deterioration of deformability after in vitro oxidative stress.

Involvement of reduced folate carrier 1 in the inner blood-retinal barrier transport of methyltetrahydrofolate.

The role of peroxisome proliferator-activated receptors in the development and physiology of gametes and preimplantation embryos.

Mutagenic, antimutagenic, cytotoxic, and apoptotic activities of extracts from *Pituranthos tortuosus*.

Impaired VEGF and nitric oxide signaling after nitrofen exposure in rat fetal lung explants.

Inhibition of estrogen-mediated uterine gene expression responses by dioxin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin increases Bovine Herpesvirus type-1 (BHV-1) replication in Madin-Darby Bovine Kidney (MDBK) cells in vitro.

Interference of endocrine disrupting chemicals with aromatase CYP19 expression or activity, and consequences for reproduction of teleost fish.

Hydroxytyrosol protects retinal pigment epithelial cells from acrolein-induced oxidative stress and mitochondrial dysfunction.

Effects of the herbicide Roundup on freshwater microbial communities: a mesocosm study.

CD8⁺ T cells contribute to macrophage accumulation and airspace enlargement following repeated irritant exposure.

Toxicity of four antifouling biocides and their mixtures on the brine shrimp *Artemia salina*.

Lutein and zeaxanthin protect photoreceptors from apoptosis induced by oxidative stress: relation with docosahexaenoic acid.

Increased expression of glial cell line-derived neurotrophic factor protects against oxidative damage-induced retinal degeneration.

Targeted disruption of the glutaredoxin 1 gene does not sensitize adult mice to tissue injury induced by ischemia/reperfusion and hyperoxia.

Evaluation of the antiandrogenic effects of flutamide, DDE, and linuron in the weanling rat assay using organ weight, histopathological, and proteomic approaches.

Evaluation of neurodevelopmental effects on rats exposed prenatally to sulfentrazone.

Retinoic acid-mediated differentiation protects against nitrofen-induced apoptosis.

[Effects of high dose ambroxol on lung injury induced by paraquat in rats].

Protective effects of Ginkgo biloba extract on paraquat-induced apoptosis of PC12 cells.

Heterogeneous photocatalytic degradation of prometryn in aqueous solutions under UV-Vis irradiation.

Further evidence against a direct genotoxic mode of action for arsenic-induced cancer.

2,4-Dichlorophenoxyacetic acid: effects on Syrian hamster embryo (SHE) cell transformation, c-Myc expression, DNA damage and apoptosis.

Sodium salicylate prevents paraquat-induced apoptosis in the rat lung.

Relationship between autophagy and apoptotic cell death in human neuroblastoma cells treated with paraquat: could autophagy be a "brake" in paraquat-induced apoptotic death?

Inhibition of paraquat-induced autophagy accelerates the apoptotic cell death in neuroblastoma SH-SY5Y cells.

Dinitro-o-cresol induces apoptosis-like cell death but not alternative oxidase expression in soybean cells.

The concept of "aldehyde load" in neurodegenerative mechanisms: cytotoxicity of the polyamine degradation products hydrogen peroxide, acrolein, 3-aminopropanal, 3-acetamidopropanal and 4-aminobutanal in a retinal ganglion cell line.

Protective effect of erythropoietin against 1-methyl-4-phenylpyridinium-induced neurodegeneration in PC12 cells.

Activation of c-Jun N-terminal protein kinase is a common mechanism underlying paraquat- and rotenone-induced dopaminergic cell apoptosis.

Altered regulation of retinoic acid synthesis in nitrofen-induced hypoplastic lung.

P38 and ERK mitogen-activated protein kinases mediate acrolein-induced apoptosis in Chinese hamster ovary cells.

Photodegradation of sulcotrione in various aquatic environments and toxicity of its photoproducts for some marine micro-organisms.

Hypoxia protects human corneal endothelium from tertiary butyl hydroperoxide and paraquat-induced cell death in vitro.

Bayesian methods for highly correlated exposure data.

Rosiglitazone protects human neuroblastoma SH-SY5Y cells against MPP+ induced cytotoxicity via inhibition of mitochondrial dysfunction and ROS production.

Mechanisms of immune system activation in glaucoma: oxidative stress-stimulated antigen presentation by the retina and optic nerve head glia.

Paraquat and maneb induced neurotoxicity.

Coca and poppy eradication in Colombia: environmental and human health assessment of aerially applied glyphosate.

Acrolein, a toxicant in cigarette smoke, causes oxidative damage and mitochondrial dysfunction in RPE cells: protection by (R)-alpha-lipoic acid.

In vitro alachlor effects on reactive oxygen species generation, motility patterns and apoptosis markers in human spermatozoa.

Divergent mechanisms of paraquat, MPP+, and rotenone toxicity: oxidation of thioredoxin and caspase-3 activation.

Dacthal and chlorophenoxy herbicides and chlorothalonil fungicide in eggs of osprey (*Pandion haliaetus*) from the Duwamish-Lake Washington-Puget Sound area of Washington state, USA.

Novel and extensive aspects of paraquat-induced pulmonary fibrogenesis: comparative and time-course microarray analyses in fibrogenic and non-fibrogenic rats.

Oxidative damage in age-related macular degeneration.

The activity of 2'-benzoyloxyacetaldehyde against drug-resistant cancer cell lines.

Carcinogenicity of dimethylarsinic acid in Ogg1-deficient mice.

Down-regulation of glutaminase C in human hepatocarcinoma cell by diphenylarsinic acid, a degradation product of chemical warfare agents.

Prostacyclin prevents pulmonary endothelial cell apoptosis induced by cigarette smoke.

Disruption of thyroid hormone binding to sea bream recombinant transthyretin by ioxinyl and polybrominated diphenyl ethers.

Cyanide-induced death of cells in plant leaves.

2-hydroxycinnamaldehyde inhibits SW620 colon cancer cell growth through AP-1 inactivation.

Inhibition of cyclin-dependent kinases is neuroprotective in 1-methyl-4-phenylpyridinium-induced apoptosis in neurons.

The nature of "unusual" electro-optical transients observed for DNA.

Effects of copper-phenanthroline on pentachlorophenol-induced adaptation and cell death of *Escherichia coli*.

Activation of the death receptor pathway of apoptosis by the aldehyde acrolein.

Rotenone and MPP+ preferentially redistribute apoptosis-inducing factor in apoptotic dopamine neurons.

Synthesis and biological activity of photopolymerizable derivatives of glyphosate.

Trimethylamine oxide suppresses stress-induced alteration of organic anion transport in choroid plexus.

In vitro studies on the integrated control of rapeseed white stem rot disease through the application of herbicides and *Trichoderma* species.

Critical role of exposure time to endogenous oxidative stress in hepatocyte apoptosis.

Pulmonary lesions in female Harlan Sprague-Dawley rats following two-year oral treatment with dioxin-like compounds.

Iron deficiency anemia in infancy is associated with altered temporal organization of sleep states in childhood.

Arsenic promotes centrosome abnormalities and cell colony formation in p53 compromised human lung cells.

Identification of interspecies concordance of mechanisms of arsenic-induced bladder cancer.

Pathogenesis of aryl hydrocarbon receptor-mediated development of lymphoma is associated with increased cyclooxygenase-2 expression.

Endoplasmic reticulum stress is involved in arsenite-induced oxidative injury in rat brain.

[The etiology of congenital diaphragmatic hernia and esophageal atresia: the Hox genes].

Mechanisms of action of the congenital diaphragmatic hernia-inducing teratogen nitrofen.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin alters retinoid homeostasis in maternal and perinatal tissues of the Holtzman rat.

Effects of in utero and lactational exposure to triphenyltin chloride on pregnancy outcome and postnatal development in rat offspring.

p53 response to arsenic exposure in epithelial cells: protein kinase B/Akt involvement.

Arsenic salts induced autophagic cell death and hypermethylation of DAPK promoter in SV-40 immortalized human uroepithelial cells.

Interference of contaminated sediment extracts and environmental pollutants with retinoid signaling.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces oxidative stress, DNA strand breaks, and poly(ADP-ribose) polymerase-1 activation in human breast carcinoma cell lines.

Temporal and spatial profiles of cell loss after spinal cord injury: Reduction by a metalloporphyrin.

A proposed mechanism for the protective effect of dioxin against breast cancer.

Mitochondrial respiratory inhibition and oxidative stress elevate beta-secretase (BACE1) proteins and activity in vivo in the rat retina.

Cyclin B1 proteolysis via p38 MAPK signaling participates in G2 checkpoint elicited by arsenite.

Sodium selenite induces superoxide-mediated mitochondrial damage and subsequent autophagic cell death in malignant glioma cells.

Subchronic feeding study of DAS-59122-7 maize grain in Sprague-Dawley rats.

Ferula gummosa Boiss. Embryogenic culture and karyological changes.

Selenium deficiency alters epithelial cell morphology and responses to influenza.

Elevation of 8-hydroxydeoxyguanosine and cell proliferation via generation of oxidative stress by organic arsenicals contributes to their carcinogenicity in the rat liver and bladder.

Oxidative stress kills human primary oligodendrocytes via neutral sphingomyelinase: implications for multiple sclerosis.

Dihydroartemisinin exerts cytotoxic effects and inhibits hypoxia inducible factor-1 α activation in C6 glioma cells.

Sequential treatment by ionizing radiation and sodium arsenite dramatically accelerates TRAIL-mediated apoptosis of human melanoma cells.

Proteome and cytoskeleton responses in osteosarcoma cells with reduced OXPHOS activity.

Chemical contaminants, health indicators, and reproductive biomarker responses in fish from the Colorado River and its tributaries.

Concentrations of organochlorine pollutants in mothers who gave birth to neonates with congenital hypothyroidism.

Exposure in utero to 2,2',3,3',4,6'-hexachlorobiphenyl (PCB 132) impairs sperm function and alters testicular apoptosis-related gene expression in rat offspring.

Vitamin A deficiency (VAD), teratogenic, and surgical models of congenital diaphragmatic hernia (CDH).

[Relationship between blood dioxin levels and present/past clinical symptoms in Kanemi Yusho patients].

Inhibition of NF- κ B does not induce c-Jun N-terminal kinase-mediated apoptosis in reperfusion injury.

Yeast NDI1 improves oxidative phosphorylation capacity and increases protection against oxidative stress and cell death in cells carrying a Leber's hereditary optic neuropathy mutation.

Effects of low-level arsenic exposure on the developmental toxicity of anilofos in rats.

Site-directed photoproteolysis of 8-oxoguanine DNA glycosylase 1 (OGG1) by specific porphyrin-protein probe conjugates: a strategy to improve the effectiveness of photodynamic therapy for cancer.

Ubiquitinated-protein aggregates form in pancreatic beta-cells during diabetes-induced oxidative stress and are regulated by autophagy.

Proteomic analysis of exfoliation deposits.

Thirteen week feeding study with transgenic maize grain containing event DAS-157-1 in Sprague-Dawley rats.

Different states of energy metabolism in the vertebrate retina can be identified by stimulus-related changes in near UV transmission.

[Effect of tetrandrine on endothelin expression in the lungs and clinical significance thereof: experiment with rat models with nitrofen-induced congenital diaphragmatic hernia].

Disturbance of retinol transportation causes nitrofen-induced hypoplastic lung.

ATP depletion does not account for apoptosis induced by inhibition of mitochondrial electron transport chain in human dopaminergic cells.

Microarray analysis of gene expression in peripheral blood mononuclear cells from dioxin-exposed human subjects.

[Sea urchin embryo, DNA-damaged cell cycle checkpoint and the mechanisms initiating cancer development].

Kidney development in the nitrofen-induced pulmonary hypoplasia and congenital diaphragmatic hernia in rats.

Differential sensitivity of cones to iron-mediated oxidative damage.

Thyroxine-metabolizing rat uridine diphosphate-glucuronosyltransferase 1A7 is regulated by thyroid hormone receptor.

Oxidative metabolism of lung macrophages exposed to sodium arsenite.

A new electro-optical approach to rapid assay of cell viability.

In vitro toxicity assay using human bronchial epithelial cell, Beas-2B, for the screening of toxicological risk of dioxin-like compounds sampled from small sized Korean waste incineration plants.

Exposure to arsenic at levels found in U.S. drinking water modifies expression in the mouse lung.

The nitric oxide prodrug, V-PYRRO/NO, mitigates arsenic-induced liver cell toxicity and apoptosis.

An Optical Biosensor based on Immobilization of Laccase and MBTH in Stacked Films for the Detection of Catechol.

Identification of regions of the sigma-1 receptor ligand binding site using a novel photoprobe.

Contaminants in fish: risk-benefit considerations.

Melatonin attenuates arsenite-induced apoptosis in rat brain: involvement of mitochondrial and endoplasmic reticulum pathways and aggregation of alpha-synuclein.

Tumor necrosis factor-alpha modulates effects of aryl hydrocarbon receptor ligands on cell proliferation and expression of cytochrome P450 enzymes in rat liver "stem-like" cells.

Fiber optic-linear array detection spectrophotometry in combination with dispersive liquid-liquid microextraction for simultaneous preconcentration and determination of palladium and cobalt.

Sirt1 regulates aging and resistance to oxidative stress in the heart.

Inhibition of photophosphorylation and electron transport chain in thylakoids by lasiodiplodin, a natural product from *Botryosphaeria rhodina*.

Is the natural PCDD/PCDF mixture toxic for human placental JEG-3 cell line? The action of the toxicants on hormonal profile, CYP1A1 activity, DNA damage and cell apoptosis.

Regulation of aryl hydrocarbon receptor activity in porcine cumulus-oocyte complexes in physiological and toxicological conditions: the role of follicular fluid.

Cell death and impairment of glucose-stimulated insulin secretion induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the beta-cell line INS-1E.

Haemocyte apoptosis as a general cellular immune response of the snail, *Lymnaea stagnalis*, to a toxicant.

Resveratrol increases vascular oxidative stress resistance.

Quantitative structure-activity relationship modeling on in vitro endocrine effects and metabolic stability involving 26 selected brominated flame retardants.

In vitro effects of reactive oxygen metabolites, with and without flunixin meglumine, on equine colonic mucosa.

Fibronectin and laminin induce expression of islet cell markers in hepatic oval cells in culture.

Resveratrol protects dopaminergic neurons in midbrain slice culture from multiple insults.

Can radiation-induced apoptosis be modulated by inhibitors of energy metabolism?

Plasma polymer coated surfaces for serum-free culture of limbal epithelium for ocular surface disease.

Relation between serum xenobiotic-induced receptor activities and sperm DNA damage and sperm apoptotic markers in European and Inuit populations.

A hetero-core structured fiber optic pH sensor.

Cryopreservation of human hepatocytes alters the mitochondrial respiratory chain complex 1.

The anti-apoptotic activity of albumin for endothelium is mediated by a partially cryptic protein domain and reduced by inhibitors of G-coupled protein and PI-3 kinase, but is independent of radical scavenging or bound lipid.

Use of model-based compartmental analysis to study vitamin A kinetics and metabolism.

Effect of in vitro administered 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on DNA-binding activities of nuclear transcription factors in NIH-3T3 mouse fibroblasts.

Lack of the aryl hydrocarbon receptor leads to impaired activation of AKT/protein kinase B and enhanced sensitivity to apoptosis induced via the intrinsic pathway.

Introduction of the anti-apoptotic baculovirus p35 gene in passion fruit induces herbicide tolerance, reduced bacterial lesions, but does not inhibit passion fruit woodiness disease progress induced by cowpea aphid-borne mosaic virus (CABMV).

White adipose tissue: storage and effector site for environmental pollutants.

Photochemical nucleophile mapping: identification of Tyr311 within the catalytic domain of rabbit muscle glyceraldehyde-3-phosphate dehydrogenase.

Neurotoxicity assessment using zebrafish.

Reduction of p66Shc suppresses oxidative damage in retinal pigmented epithelial cells and retina.

Aneuploidy-inducing capacity of two widely used pesticides.

Aldehyde load in ischemia-reperfusion brain injury: neuroprotection by neutralization of reactive aldehydes with phenelzine.

Evidence for a novel endocrine disruptor: the pesticide propanil requires the ovaries and steroid synthesis to enhance humoral immunity.

Superoxide dismutase 1 protects retinal cells from oxidative damage.

Evaluation of DNA damage induced by atrazine and atrazine-based herbicide in human lymphocytes in vitro using a comet and DNA diffusion assay.

A case-control study of myelodysplastic syndromes in Belgrade (Serbia Montenegro).

Effects of Diuron [3-(3,4-dichlorophenyl)-1,1-dimethylurea] on the urinary bladder of male Wistar rats.

NTP Technical Report on the comparative toxicity studies of allyl acetate (CAS No. 591-87-7), allyl alcohol (CAS No. 107-18-6) and acrolein (CAS No. 107-02-8) administered by gavage to F344/N rats and B6C3F1 mice.

Immunomodulatory effects of maternal atrazine exposure on male Balb/c mice.

[Propofol protecting rats from paraquat induced lung injury].

Econazole attenuates cytotoxicity of 1-methyl-4-phenylpyridinium by suppressing mitochondrial membrane permeability transition.

[Advance of study on pathological mechanism of paraquat poisoning].

Characterizing the ovotoxicity of cyclophosphamide metabolites on cultured mouse ovaries.

Toxic actions of dinoseb in medaka (*Oryzias latipes*) embryos as determined by in vivo ³¹P NMR, HPLC-UV and ¹H NMR metabolomics.

Neuregulin 1-Beta cytoprotective role in AML 12 mouse hepatocytes exposed to pentachlorophenol.

Acrolein produces nitric oxide through the elevation of intracellular calcium levels to induce apoptosis in human umbilical vein endothelial cells: implications for smoke angiopathy.

Retinal degeneration from oxidative damage.

Cytotoxic effects and apoptosis induction of atrazine in a grass carp (*Ctenopharyngodon idellus*) cell line.

Mixture toxicity of the antifouling compound irgarol to the marine phytoplankton species *Dunaliella tertiolecta*.

Effects of atrazine on sexual maturation in female Japanese quail induced by photostimulation or exogenous gonadotropin.

In vitro assessment of antimicrobial activity of carvacrol, thymol and cinnamaldehyde towards *Salmonella* serotype Typhimurium DT104: effects of pig diets and emulsification in hydrocolloids.

Curcumin protects PC12 cells against 1-methyl-4-phenylpyridinium ion-induced apoptosis by bcl-2-mitochondria-ROS-iNOS pathway.

6-Hydroxydopamine but not 1-methyl-4-phenylpyridinium abolishes alpha-synuclein anti-apoptotic phenotype by inhibiting its proteasomal degradation and by promoting its aggregation.

Arabidopsis ACCELERATED CELL DEATH2 modulates programmed cell death.

Differential regulation of c-jun and CREB by acrolein and 4-hydroxynonenal.

Effects of different types of oxidative stress in RPE cells.

Ethanol-induced apoptosis in polarized hepatic cells possibly through regulation of the Fas pathway.

Death of stoma guard cells in leaf epidermis under disturbance of energy provision.

Acrolein-mediated mechanisms of neuronal death.

Antioxidant enzyme inhibitors enhance nitric oxide-induced cell death in U937 cells.

Toxin release in response to oxidative stress and programmed cell death in the cyanobacterium *Microcystis aeruginosa*.

Ceramide is a mediator of apoptosis in retina photoreceptors.

Photolysis behavior of herbicide propisochlor in water media and preliminary analysis of photoproducts under different light sources.

Chloroacetaldehyde- and acrolein-induced death of human proximal tubule cells.

Sodium arsenite accelerates TRAIL-mediated apoptosis in melanoma cells through upregulation of TRAIL-R1/R2 surface levels and downregulation of cFLIP expression.

Effects of chemical ischemia on cerebral cortex slices: focus on mitogen-activated protein kinase cascade.

Developmental dental toxicity of dioxin and related compounds--a review.

Spatial and temporal expression of glucocorticoid, retinoid, and thyroid hormone receptors is not altered in lungs of congenital diaphragmatic hernia.

Mitochondrial reactive oxygen species and nitric oxide-mediated cancer cell apoptosis in 2-butylamino-2-demethoxyhypocrellin B photodynamic treatment.

Modulation of aromatase activity and mRNA by various selected pesticides in the human choriocarcinoma JEG-3 cell line.

Cell cycle proteins in normal and chemically induced abnormal secondary palate development: a review.

Antioxidant enzyme inhibitors enhance singlet oxygen-induced cell death in HL-60 cells.

Severe craniofacial malformations resulting from developmental exposure to dioxin.

[Effect of adenovirus-mediated mutant exogenous P27kip1 gene expression on the chemosensitivities of cholangiocarcinoma cell line].

Carcinogenicity of "non-dioxinlike" polychlorinated biphenyls.

Carcinogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in experimental models.

Aqueous extract of *Trigonella foenum-graecum* L. ameliorates additive urotoxicity of buthionine sulfoximine and cyclophosphamide in mice.

t(14;18) translocations in lymphocytes of healthy dioxin-exposed individuals from Seveso, Italy.

Inhibitory effect of caffeic acid phenethyl ester on the growth of SW480 colorectal tumor cells involves beta-catenin associated signaling pathway down-regulation.

Down-regulation of wt1 expression in leukemia cell lines as part of apoptotic effect in arsenic treatment using two compounds.

Iron contributes to dopamine-induced toxicity in oligodendrocyte progenitors.

Cell death, caspase activation, and HMGB1 release of porcine choroid plexus epithelial cells during *Streptococcus suis* infection in vitro.

Impairment of lower jaw growth in developing zebrafish exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin and reduced hedgehog expression.

Overexpression of survivin in primary ATL cells and sodium arsenite induces apoptosis by down-regulating survivin expression in ATL cell lines.

Clinical pharmacokinetic study of arsenic trioxide in an acute promyelocytic leukemia (APL) patient: speciation of arsenic metabolites in serum and urine.

The binding of 2,4-dinitrophenol to wild-type and amyloidogenic transthyretin.

Evaluation of subchronic inhalation toxicity of dimethyl disulfide in rats.

Differential expression profiling of the hepatic proteome in a rat model of dioxin resistance: correlation with genomic and transcriptomic analyses.

Dual treatment with COX-2 inhibitor and sodium arsenite leads to induction of surface Fas Ligand expression and Fas-Ligand-mediated apoptosis in human melanoma cells.

Loss of glial Lazarillo, a homolog of apolipoprotein D, reduces lifespan and stress resistance in *Drosophila*.

Adverse health effects in humans exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Clinical and experimental applications of NIR-LED photobiomodulation.

The effects of biocides (antiseptics and disinfectants) on the endospores of *Rhinosporidium seeberi*.

Protective effect of hepatocyte growth factor against degeneration of the retinal pigment epithelium and photoreceptor in sodium iodate-injected rats.

Quantitative analysis of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced proteome alterations in 5L rat hepatoma cells using isotope-coded protein labels.

Depletion of securin increases arsenite-induced chromosome instability and apoptosis via a p53-independent pathway.

Effects of dimethylsulphoxide on mice arsenite-induced dysmorphogenesis in embryo culture and cytotoxicity in embryo cells.

Time-dependent effects of sodium arsenite on DNA breakage and apoptosis observed in the comet assay.

Age-dependent cell death and the role of ATP in hydrogen peroxide-induced apoptosis and necrosis.

Arsenic induced apoptosis in rat liver following repeated 60 days exposure.

NF-kappaB-associated MnSOD induction protects against beta-amyloid-induced neuronal apoptosis.

Arsenic-induced cell death in liver and brain of experimental rats.

Sex and congenital diaphragmatic hernia.

Retinoic acid rescues lung hypoplasia in nitrofen-induced hypoplastic foetal rat lung explants.

Potential of apoptosis by heat stress plus pesticide exposure in stress resistant human B-lymphoma cells and its attenuation through interaction with follicular dendritic cells: role for c-Jun N-terminal kinase signaling.

Differentiation-specific factors modulate epidermal CYP1-4 gene expression in human skin in response to retinoic acid and classic aryl hydrocarbon receptor ligands.

TCDD-induced CYP1A1 expression, an index of dioxin toxicity, is suppressed by flavonoids permeating the human intestinal Caco-2 cell monolayers.

K⁺ transport and energetics in Kir6.2(-/-) mouse hearts assessed by ⁸⁷Rb and ³¹P magnetic resonance and optical spectroscopy.

Chitosan-based tyrosinase optical phenol biosensor employing hybrid nafion/sol-gel silicate for MBTH immobilization.

Identification and functional expression of a carrier-mediated riboflavin transport system on rabbit corneal epithelium.

Transport of timolol and tilisolol in rabbit corneal epithelium.

Arsenite induces apoptosis in hepatocytes through an enhancement of the activation of Jun N-terminal kinase and p38 mitogen-activated protein kinase caused by partial hepatectomy.

Gene expression alterations in immune system pathways following exposure to immunosuppressive chemicals.

Biochemical activity of reactive oxygen species scavengers do not predict retinal ganglion cell survival.

A selective optical chemical sensor for 2,6-dinitrophenol based on fluorescence quenching of a novel functional polymer.

Case report: Hydroquinone and/or glutaraldehyde induced acute myeloid leukaemia?

Antioxidants reduce cone cell death in a model of retinitis pigmentosa.

Zebrafish as a model for developmental neurotoxicity testing.

[Cytoprotective effects of heat shock protein-70 in bronchial epithelium against neutrophil elastase-induced cell injury].

Sodium arsenite impairs insulin secretion and transcription in pancreatic beta-cells.

Monomeric azaheterofullerene derivatives RC59N: influence of the R moiety on spectroscopic and photophysical properties.

Photoirradiation of retinyl palmitate in ethanol with ultraviolet light--formation of photodecomposition products, reactive oxygen species, and lipid peroxides.

Mechanism of L-ascorbic acid uptake by rabbit corneal epithelial cells: evidence for the involvement of sodium-dependent vitamin C transporter 2.

Antiparasitic activity of flavonoids and isoflavones against *Cryptosporidium parvum* and *Encephalitozoon intestinalis*.

Regulation of human male germ cell death by modulators of ATP production.

Comparative first-principles study of structural and optical properties of alkali metal azides.

Induction of connective tissue growth factor in retinal pigment epithelium cells by oxidative stress.

Prohibitin is involved in mitochondrial biogenesis in plants.

The effect of ethanol, ethanol metabolizing enzyme inhibitors, and Vitamin E on regulating glutathione, glutathione S-transferase, and S-adenosylmethionine in mouse primary hepatocyte.

Suppressive effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on vascular remodeling that takes place in the normal labyrinth zone of rat placenta during late gestation.

Interference by 2,3,7,8-tetrachlorodibenzo-p-dioxin with cultured mouse submandibular gland branching morphogenesis involves reduced epidermal growth factor receptor signaling.

Transport of acebutolol through rabbit corneal epithelium.

Chitosan nanoparticles as a potential drug delivery system for the ocular surface: toxicity, uptake mechanism and in vivo tolerance.

Synthesis of new chiral amines with a cyclic 1,2-diacetal skeleton derived from (2R, 3R)-(+)-tartaric acid.

Stochastic spineless expression creates the retinal mosaic for colour vision.

The aryl hydrocarbon receptor activates the retinoic acid receptor α through SMRT antagonism.

Cytochrome P450 Cyp4x1 is a major P450 protein in mouse brain.

UVA1 radiation (340-400 nm) interferes with the perforin-granule system of CD8hi+ cytotoxic T lymphocytes in vitro.

Sunlight generates multiple tryptophan photoproducts eliciting high efficacy CYP1A induction in chick hepatocytes and in vivo.

In vitro cytotoxicity of TCDD on SPC-A1 cells.

Constitutive activation of the aryl hydrocarbon receptor in T-lineage cells induces thymus involution independently of the Fas/Fas ligand signaling pathway.

Cell cycle inhibition by sodium arsenite in primary embryonic rat midbrain neuroepithelial cells.

Loss of mitochondrial membrane potential is associated with increase in mitochondrial volume: physiological role in neurones.

Dopamine-beta-hydroxylase immunohistochemical study in the locus coeruleus of neonate rats exposed to 2,4-dichlorophenoxyacetic acid through mother's milk.

Metabolic regulation of in-vitro-produced bovine embryos. I. Effects of metabolic regulators at different glucose concentrations with embryos produced by semen from different bulls.

CYP1A in TCDD toxicity and in physiology-with particular reference to CYP dependent arachidonic acid metabolism and other endogenous substrates.

Enterocyte cytoskeleton changes are crucial for enhanced translocation of nonpathogenic Escherichia coli across metabolically stressed gut epithelia.

Amine oxidases in apoptosis and cancer.

Gene expression profiling of responses to dimethylarsinic acid in female F344 rat urothelium.

Antioxidant and hepatoprotective effects of Eucalyptus maculata.

The use of flow cytometric methods in acute and long-term in vitro testing.

The polysaccharide antibody response after *Streptococcus pneumoniae* vaccination is differentially enhanced or suppressed by 3,4-dichloropropionanilide and 2,4-dichlorophenoxyacetic acid.

Preventive mechanism of cellular glutathione in monomethylarsonic acid-induced cytolethality.

Toxicity testing of herbicide norflurazon on an aquatic bioindicator species--the planarian *Polycelis felina* (Daly.).

Gonadal development of larval male *Xenopus laevis* exposed to atrazine in outdoor microcosms.

Atrazine and the hypothalamo-pituitary-gonadal axis in sexually maturing precocial birds: studies in male Japanese quail.

Cytotoxic effects in mammalian Vero cells exposed to pentachlorophenol.

The effect on human eye blink frequency of exposure to limonene oxidation products and methacrolein.

The lethal impacts of Roundup and predatory stress on six species of North American tadpoles.

Quantitative and kinetic study of oxidative stress regulons using green fluorescent protein.

Vascular endothelial growth factor reduced and connective tissue growth factor induced by triamcinolone in ARPE19 cells under oxidative stress.

Nitrofen induces a redox-dependent apoptosis associated with increased p38 activity in P19 teratocarcinoma cells.

The effects of a PSII inhibitor on phytoplankton community structure as assessed by HPLC pigment analyses, microscopy and flow cytometry.

Illnesses related to shank application of metam-sodium, Arvin, California, July 2002.

Chemopreventive properties of trans-resveratrol against the cytotoxicity of chloroacetanilide herbicides in vitro.

Synergistic effects of diuron and sedimentation on photosynthesis and survival of crustose coralline algae.

Effects of Photosystem II inhibiting herbicides on mangroves--preliminary toxicology trials.

Neuropathological studies on cycloate-induced neuronal cell death in the rat brain.

Similar patterns of mitochondrial vulnerability and rescue induced by genetic modification of alpha-synuclein, parkin, and DJ-1 in *Caenorhabditis elegans*.

Acrolein-induced cell death in PC12 cells: role of mitochondria-mediated oxidative stress.

Long-lived alphaMUPA transgenic mice show reduced SOD2 expression, enhanced apoptosis and reduced susceptibility to the carcinogen dimethylhydrazine.

Regulation of constitutive neutrophil apoptosis by the alpha,beta-unsaturated aldehydes acrolein and 4-hydroxynonenal.

Cinnamaldehyde-induced apoptosis in human PLC/PRF/5 cells through activation of the proapoptotic Bcl-2 family proteins and MAPK pathway.

[WITHDRAWN] Overexpression of superoxide dismutase or glutathione peroxidase protects against the paraquat + maneb-induced Parkinson disease phenotype.

Oxidative damage is a potential cause of cone cell death in retinitis pigmentosa.

The aldehyde acrolein induces apoptosis via activation of the mitochondrial pathway.

Expression of gastrointestinal glutathione peroxidase is inversely correlated to the presence of hepatitis C virus subgenomic RNA in human liver cells.

Plasma retinoid profile in bullfrogs, *Rana catesbeiana*, in relation to agricultural intensity of sub-watersheds in the Yamaska River drainage basin, QuÃ©bec, Canada.

Conformational and photophysical studies on porphyrin-containing donor-bridge-acceptor compounds. Charge separation in micellar nanoreactors.

Autotrophic and mixotrophic hydrogen photoproduction in sulfur-deprived chlamydomonas cells.

Protection by puerarin against MPP⁺-induced neurotoxicity in PC12 cells mediated by inhibiting mitochondrial dysfunction and caspase-3-like activation.

Multiple components of 2,4-dichlorophenoxyacetic acid uptake by rat choroid plexus.

Wild-type alpha-synuclein interacts with pro-apoptotic proteins PKCdelta and BAD to protect dopaminergic neuronal cells against MPP⁺-induced apoptotic cell death.

Detection of herbicide subclasses by an optical multibiosensor based on an array of photosystem II mutants.

Coherent phase microscopy in cell biology: visualization of metabolic states.

Optical microsensors for pesticides identification based on porous silicon technology.

Primary hepatocyte apoptosis is unlikely to relate to caspase-3 activity under sustained endogenous oxidative stress.

[Withdrawal of exogenous auxin induces programmed cell death of cotton embryogenic suspension cultures].

Oxidative metabolites are involved in polyamine-induced microglial cell death.

Arsenite delays progression through each cell cycle phase and induces apoptosis following G2/M arrest in U937 myeloid leukemia cells.

AMG 9810 [(E)-3-(4-t-butylphenyl)-N-(2,3-dihydrobenzo[b][1,4] dioxin-6-yl)acrylamide], a novel vanilloid receptor 1 (TRPV1) antagonist with antihyperalgesic properties.

Changes in DNA binding pattern of transcription factor YY1 in neuronal degeneration.

Cell death induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) in AtT-20 pituitary cells.

Effects of arsenic and UVB on normal human cultured keratinocytes: impact on apoptosis and implication on photocarcinogenesis.

Paradoxical effects of green tea (*Camellia sinensis*) and antioxidant vitamins in diabetic rats: improved retinopathy and renal mitochondrial defects but deterioration of collagen matrix glycooxidation and cross-linking.

Deregulation of cell proliferation by polycyclic aromatic hydrocarbons in human breast carcinoma MCF-7 cells reflects both genotoxic and nongenotoxic events.

Oxidative stress in mitochondria: decision to survival and death of neurons in neurodegenerative disorders.

Celecoxib inhibits proliferation and induces apoptosis via cyclooxygenase-2 pathway in human pancreatic carcinoma cells.

Role of aldehyde dehydrogenase isozymes in the defense of rat lens and human lens epithelial cells against oxidative stress.

[Risk factors for pediatric malignant bone tumors].

Genetic and environmental influences on malformations of the cardiac outflow tract.

Effect of pollen-mediated oxidative stress on immediate hypersensitivity reactions and late-phase inflammation in allergic conjunctivitis.

Insulin neuroprotection against oxidative stress in cortical neurons--involvement of uric acid and glutathione antioxidant defenses.

Carcinogenic risks of dioxin: mechanistic considerations.

Retinoid status and responsiveness to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice lacking retinoid binding protein or retinoid receptor forms.

Ultrastructural findings in feline corneal sequestra.

Synthesis and reactions of some new substituted pyridine and pyrimidine derivatives as analgesic, anticonvulsant and antiparkinsonian agents.

Gene expression changes in human small airway epithelial cells exposed to Delta9-tetrahydrocannabinol.

Low level, long-term inorganic arsenite exposure causes generalized resistance to apoptosis in cultured human keratinocytes: potential role in skin co-carcinogenesis.

Photosensitizing properties of 6-methoxy-2-naphthylacetic acid, the major metabolite of the phototoxic non-steroidal anti-inflammatory and analgesic drug nabumetone.

Effects of prenatal vitamins A, E, and C on the hypoplastic hearts of fetal rats with diaphragmatic hernia.

Congenital diaphragmatic hernia: a retinoid-signaling pathway disruption during lung development?

Induction of p53 by urokinase in lung epithelial cells.

Effect of caffeic acid phenethyl ester on proliferation and apoptosis of colorectal cancer cells in vitro.

Loss of mitochondrial membrane potential and caspase activation enhance apoptosis in irradiated K562 cells treated with herbimycin A.

Carbamylated low-density lipoprotein induces death of endothelial cells: a link to atherosclerosis in patients with kidney disease.

NF-kappaB and not the MAPK signaling pathway regulates GADD45beta expression during acute inflammation.

[Experimental behavioral tests using monkey and rat offspring born from mothers exposed perinatally to EDCs].

An epidemiological study of poisoning cases reported to the National Poisons Information Centre, All India Institute of Medical Sciences, New Delhi.

Retinal degeneration and other eye disorders in wives of farmer pesticide applicators enrolled in the agricultural health study.

Pseudolaminar necrosis in cyanide intoxication: a neuropathology case report.

Peroxiredoxin 6, a 1-Cys peroxiredoxin, functions in antioxidant defense and lung phospholipid metabolism.

Temporal and dose-dependent hepatic gene expression patterns in mice provide new insights into TCDD-Mediated hepatotoxicity.

Identification of the tryptophan photoproduct 6-formylindolo[3,2-b]carbazole, in cell culture medium, as a factor that controls the background aryl hydrocarbon receptor activity.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats disrupts brain sexual differentiation.

Ah receptor- and TCDD-mediated liver tumor promotion: clonal selection and expansion of cells evading growth arrest and apoptosis.

Localization of cytochrome P450 CYP2S1 expression in human tissues by in situ hybridization and immunohistochemistry.

Methyl bromide intoxication causes reversible symmetric brainstem and cerebellar MRI lesions.

Benzo[a]pyrene, but not 2,3,7,8-TCDD, induces G2/M cell cycle arrest, p21CIP1 and p53 phosphorylation in human choriocarcinoma JEG-3 cells: a distinct signaling pathway.

2,4-Dinitrophenol pharmacologically promotes retinal detachment in rabbits.

Effects of PCB 126 on primary immune organs and thymocyte apoptosis in chicken embryos.

Health status and plasma dioxin levels in chloracne cases 20 years after the Seveso, Italy accident.

Acidic fibroblast growth factor (FGF-1) and FGF receptor 1 signaling in human Y79 retinoblastoma.

Mitochondria are fast Ca²⁺ sinks in rat extraocular muscles: a novel regulatory influence on contractile function and metabolism.

An assessment of the toxicological significance of anthropogenic contaminants in Canadian arctic wildlife.

[Photochemical activity of photosystem II and hydrogen photoproduction in sulfur-deprived *Chlamydomonas reinhardtii* mutants D1-R323D and D1-R323L].

Identification and characterization of a Na⁺-dependent neutral amino acid transporter, ASCT1, in rabbit corneal epithelial cell culture and rabbit cornea.

Effects of unoprostone and endothelin 1 on L-type channel currents in human trabecular meshwork cells.

Thaxtomin A induces programmed cell death in *Arabidopsis thaliana* suspension-cultured cells.

Extent of iron pick-up in deferoxamine-coupled polyurethane materials for therapy of chronic wounds.

Spectral, electrochemical, and photophysical studies of a magnesium porphyrin-fullerene dyad.

Vitamins inhibit oxidant-induced apoptosis of corneal endothelial cells.

Flow-through sol-gel optical biosensor for the colorimetric determination of acetazolamide.

Human CD34-positive hematopoietic stem cells constitute targets for carcinogenic polycyclic aromatic hydrocarbons.

Altered retinoid metabolism in female Long-Evans and Han/Wistar rats following long-term 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treatment.

Proapoptotic, antimigratory, antiproliferative, and antiangiogenic effects of commercial C-reactive protein on various human endothelial cell types in vitro: implications of contaminating presence of sodium azide in commercial preparation.

Ouabain induces an increase of retinal ganglion cell survival in vitro: the involvement of protein kinase C.

A new short-term toxicity assay using *Aspergillus awamori* with recombinant aequorin gene.

EGF receptor-dependent JNK activation is involved in arsenite-induced p21Cip1/Waf1 upregulation and endothelial apoptosis.

Protection against amyloid beta-peptide (1-42)-induced loss of phospholipid asymmetry in synaptosomal membranes by tricyclodecan-9-xanthogenate (D609) and ferulic acid ethyl ester: implications for Alzheimer's disease.

Aryl hydrocarbon receptor-dependent induction of loss of mitochondrial membrane potential in epididymal spermatozoa by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Mortality of life stages of cowpea weevil (Coleoptera: Bruchidae) exposed to low pressure at different temperatures.

Novel regulation of Na, K-ATPase by Src tyrosine kinases in cortical neurons.

Altered thyroxin and retinoid metabolic response to 2,3,7,8-tetrachlorodibenzo-p-dioxin in aryl hydrocarbon receptor-null mice.

Energy substrate requirements for survival of rat retinal cells in culture: the importance of glucose and monocarboxylates.

Mechanisms of exocrine pancreatic toxicity induced by oral treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Harlan Sprague-Dawley Rats.

Cyclic GMP, sodium nitroprusside and sodium azide reduce aqueous humour formation in the isolated arterially perfused pig eye.

Small interference RNA-mediated gene silencing of human biliverdin reductase, but not that of heme oxygenase-1, attenuates arsenite-mediated induction of the oxygenase and increases apoptosis in 293A kidney cells.

Ascorbic acid and alpha-tocopherol as potent modulators of apoptosis on arsenic induced toxicity in rats.

Tetrachlorodibenzo-p-Dioxin (TCDD) Inhibits Differentiation and Increases Apoptotic Cell Death of Precursor T-Cells in the Fetal Mouse Thymus.

Molecular interactions of the aryl hydrocarbon receptor and its biological and toxicological relevance for reproduction.

Paired cysteine mutagenesis to establish the pattern of disulfide bonds in the functional intact secretin receptor.

Molecular salts with diquat-based electron acceptors for nonlinear optics.

Functional activity of a monocarboxylate transporter, MCT1, in the human retinal pigmented epithelium cell line, ARPE-19.

A carbohydrate fraction, AIP1, from *Artemisia iwayomogi* down-regulates Fas gene expression and suppresses apoptotic death of the thymocytes induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Photodecomposition of retinyl palmitate in ethanol by UVA light-formation of photodecomposition products, reactive oxygen species, and lipid peroxides.

Scleroglucan: a versatile polysaccharide for modified drug delivery.

Chronic exposure to arsenic sensitizes CD3+ and CD56+ human cells to sodium arsenite-mediated apoptosis.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on vitamin A metabolism in mice.

Establishment of a germ-somatic cell coculture model for toxicity assessment of environmental endocrine disrupters.

[Oxidative stress induced by NaAsO₂ in HaCaT cells].

In vitro and ex vivo intestinal tissue models to measure mucoadhesion of poly (methacrylate) and N-trimethylated chitosan polymers.

2,3,7,8-tetrachlorodibenzo-p-dioxin enhances negative selection of T cells in the thymus but allows autoreactive T cells to escape deletion and migrate to the periphery.

Assessment of the toxicity of triasulfuron and its photoproducts using aquatic organisms.

Paraquat induces oxidative stress and neuronal cell death; neuroprotection by water-soluble Coenzyme Q10.

Assessing cytotoxicity of photosensitized transformation products of 2,4,6-trinitrotoluene (TNT) and atrazine with freshwater microbial assemblages.

Reactivity of hydrazinophthalazine drugs with the lipid peroxidation products acrolein and crotonaldehyde.

Pesticide patch test series for the assessment of allergic contact dermatitis among banana plantation workers in panama.

Role of glutathione in dimethylarsinic acid-induced apoptosis.

Metallothionein (I/II) suppresses genotoxicity caused by dimethylarsinic acid.

Paraquat-induced apoptotic cell death in cerebellar granule cells.

Low-level atrazine exposure decreases cell proliferation in human fibroblasts.

[Using the FRTL-5 cell to screen the thyroxine disrupting effects of the two pesticides-ethylenethiourea and pendimethalin].

Low-dose agrochemicals and lawn-care pesticides induce developmental toxicity in murine preimplantation embryos.

Effects of the agricultural pesticides atrazine, chlorothalonil, and endosulfan on South Florida microbial assemblages.

Chlorpyrifos induces apoptosis in rat cortical neurons that is regulated by a balance between p38 and ERK/JNK MAP kinases.

Exposure of cardiac fibroblasts to the herbicide nitrofen causes altered interactions with the extracellular matrix.

Influence of UV irradiation on the toxicity of phenylurea herbicides using Microtox test.

Glyphosate poisoning.

The involvement of p53 in paraquat-induced apoptosis in human lung epithelial-like cells.

Chiral response of Oryzae and Paniceae plants in alpha-methylbenzyl-3-p-tolyl urea agar medium.

Protective role of metallothionein (I/II) against pathological damage and apoptosis induced by dimethylarsinic acid.

Vanin-1-/- mice exhibit a glutathione-mediated tissue resistance to oxidative stress.

Multiple deficiencies in antioxidant enzymes in mice result in a compound increase in sensitivity to oxidative stress.

Modulation of phospholipid asymmetry in synaptosomal membranes by the lipid peroxidation products, 4-hydroxynonenal and acrolein: implications for Alzheimer's disease.

Alpha-synuclein up-regulation and aggregation during MPP⁺-induced apoptosis in neuroblastoma cells: intermediacy of transferrin receptor iron and hydrogen peroxide.

Protein adduct-trapping by hydrazinophthalazine drugs: mechanisms of cytoprotection against acrolein-mediated toxicity.

Resistance of mitochondrial DNA-depleted cells against cell death: role of mitochondrial superoxide dismutase.

2'-benzoyloxycinnamaldehyde induces apoptosis in human carcinoma via reactive oxygen species.

Transgenic mice overexpressing glutathione peroxidase 4 are protected against oxidative stress-induced apoptosis.

Bcl-2 family members localize to tobacco chloroplasts and inhibit programmed cell death induced by chloroplast-targeted herbicides.

Verification of performance with the automated direct optical TIRF immunosensor (River Analyser) in single and multi-analyte assays with real water samples.

Involvement of rat organic anion transporter 3 in the uptake of an organic herbicide, 2,4-dichlorophenoxyacetate, by the isolated rat choroid plexus.

Antioxidants and ocular cell type differences in cytoprotection from formic acid toxicity in vitro.

Distinct roles of c-Abl and Atm in oxidative stress response are mediated by protein kinase C delta.

The renal-specific transporter mediates facilitative transport of organic anions at the brush border membrane of mouse renal tubules.

Identification and functional assessment of the novel murine organic anion transporter Oat5 (Slc22a19) expressed in kidney.

Oxidative stress in neonates: evaluation using specific biomarkers.

Arabidopsis thaliana plants overexpressing thylakoidal ascorbate peroxidase show increased resistance to Paraquat-induced photooxidative stress and to nitric oxide-induced cell death.

Evidence that atrazine and diaminochlorotriazine inhibit the estrogen/progesterone induced surge of luteinizing hormone in female Sprague-Dawley rats without changing estrogen receptor action.

Paraquat induces apoptosis of cultured rat cortical cells.

Simultaneous multi-analyte determination of estrone, isoproturon and atrazine in natural waters by the River ANALyser (RIANA), an optical immunosensor.

Recruitment of thyroid hormone receptor/retinoblastoma-interacting protein 230 by the aryl hydrocarbon receptor nuclear translocator is required for the transcriptional response to both dioxin and hypoxia.

Hematoporphyrin monomethyl ether photodynamic damage on HeLa cells by means of reactive oxygen species production and cytosolic free calcium concentration elevation.

2,3,7,8-TCDD effects on visual structure and function in swim-up rainbow trout.

Transforming growth factor-beta 1-induced apoptosis is blocked by beta 1-integrin-mediated mitogen-activated protein kinase activation in human hepatoma cells.

The induction of cell cycle regulatory and DNA repair proteins in cisplatin-induced acute renal failure.

The expression of P-glycoprotein in AML cells with FLT3 internal tandem duplications is associated with reduced apoptosis in response to FLT3 inhibitors.

Chronic inorganic arsenic exposure induces hepatic global and individual gene hypomethylation: implications for arsenic hepatocarcinogenesis.

The modulation of radiation-induced cell death by genistein in K562 cells: activation of thymidine kinase 1.

Chemical analysis and genotoxicological safety assessment of paper and paperboard used for food packaging.

Combined effects of Matrigel and growth factors on maintaining undifferentiated murine embryonic stem cells for embryotoxicity testing.

Flow cytometric methods used as screening tests for basal toxicity of chemicals.

Aromatic hydrocarbon receptor status in the metabolism of xenobiotics under normal and pathophysiological conditions.

Modeling of methyl isothiocyanate air concentrations associated with community illnesses following a metam-sodium sprinkler application.

Expression of hypothalamic neuropeptides after acute TCDD treatment and distribution of Ah receptor repressor.

Effects of cyclooxygenase-2 antisense vector on proliferation of human cholangiocarcinoma cells.

Branch retinal artery occlusion: a complication of iron-deficiency anemia in a young adult with a rectal carcinoid.

Minocycline up-regulates Bcl-2 and protects against cell death in mitochondria.

Effects of epidermal growth factor receptor deficiency and 2,3,7,8-tetrachlorodibenzo-p-dioxin on fetal development in mice.

Cytotoxic effects of environmentally relevant chlorophenols on L929 cells and their mechanisms.

Drosophila parkin mutants have decreased mass and cell size and increased sensitivity to oxygen radical stress.

Herbimycin A inhibits angiogenic activity in endothelial cells and reduces neovascularization in a rat model of retinopathy of prematurity.

Reductions in the incidence of nitrofen-induced diaphragmatic hernia by vitamin A and retinoic acid.

Hypothermia augments reactive oxygen species detected in the guinea pig isolated perfused heart.

Mechanisms of ischemic brain injury.

Geldanamycin and herbimycin A induce apoptotic killing of B chronic lymphocytic leukemia cells and augment the cells' sensitivity to cytotoxic drugs.

Intra-strain dioxin sensitivity and morphometric effects in swim-up rainbow trout (*Oncorhynchus mykiss*).

Preferential transcription of rabbit Aldh1a1 in the cornea: implication of hypoxia-related pathways.

The uremic solutes p-cresol and indoxyl sulfate inhibit endothelial proliferation and wound repair.

Mitochondrial coupling in vivo in mouse skeletal muscle.

Neurotoxins and neurotoxic species implicated in neurodegeneration.

Effects of airbag deployment: lesions, epidemiology, and management.

Immunohistochemical detection of activated caspases in apoptotic hepatocytes in rat liver.

Role of aryl hydrocarbon receptor in mesencephalic circulation failure and apoptosis in zebrafish embryos exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Characteristics of 3,5,3'-triiodothyronine (T3)-uptake system of tadpole red blood cells: effect of endocrine-disrupting chemicals on cellular T3 response.

EGR1 is a novel target for AhR agonists in human lung epithelial cells.

Down regulation of hepatic PPARalpha function by AhR ligand.

Alpha-tocotrienol provides the most potent neuroprotection among vitamin E analogs on cultured striatal neurons.

Angiotensin type 2 receptor neuroprotection against chemical hypoxia is dependent on the delayed rectifier K⁺ channel, Na⁺/Ca²⁺ exchanger and Na⁺/K⁺ ATPase in primary cortical cultures.

Isolation and structural characterization of an optically active intermediate in the oxidative addition of methyl iodide on a rhodium(I) centre.

Toxicity detection from EILATox-Oregon Workshop samples by using kinetic photobacteria measurement: the Flash method.

Air bags and the skin.

Identification of photoproducts from imazosulfuron by HPLC.

Gene interaction network suggests dioxin induces a significant linkage between aryl hydrocarbon receptor and retinoic acid receptor beta.

Comparison of the cytotoxicity induced by different exposure to sodium arsenite in two fish cell lines.

Sequential morphological changes of erythrocyte apoptosis in *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Spatiotemporal evidence of apoptosis-mediated ischemic injury in organotypic hippocampal slice cultures.

Interaction between the aryl hydrocarbon receptor and retinoic acid pathways increases matrix metalloproteinase-1 expression in keratinocytes.

Some polybrominated diphenyl ether (PBDE) flame retardants with wide environmental distribution inhibit TCDD-induced EROD activity in primary cultured carp (*Cyprinus carpio*) hepatocytes.

Effect of TCDD on corpus cavernosum histology and smooth muscle physiology.

Presence and functional activity of the aryl hydrocarbon receptor in isolated murine cerebral vascular endothelial cells and astrocytes.

Fluorescence resonance energy transfer from tryptophan to a chromium(III) complex accompanied by non-specific cleavage of albumin: a step forward towards the development of a novel photoprotease.

Ectopic cyclin D1 expression blocks STI571-induced erythroid differentiation of K562 cells.

D-mannose transport and metabolism in isolated enterocytes.

Protein phosphatase 2A-mediated cross-talk between p38 MAPK and ERK in apoptosis of cardiac myocytes.

Toxicity increases in ice containing monochlorophenols upon photolysis: environmental consequences.

Cytochrome P450-dependent toxicity of environmental polycyclic aromatic hydrocarbons towards human macrophages.

Versican V1 isoform induces neuronal differentiation and promotes neurite outgrowth.

Tumor promoters as inhibitors of apoptosis in rat hepatocytes.

Glutathione-S-transferase A4-4 modulates oxidative stress in endothelium: possible role in human atherosclerosis.

Polycyclic aromatic hydrocarbons modulate cell proliferation in rat hepatic epithelial stem-like WB-F344 cells.

Src and Cas are essentially but differentially involved in angiotensin II-stimulated migration of vascular smooth muscle cells via extracellular signal-regulated kinase 1/2 and c-Jun NH2-terminal kinase activation.

Cell-based assay for the detection of chemically induced cellular stress by immortalized untransformed transgenic hepatocytes.

Combined screening of thymocytes using apoptosis-specific cDNA array and promoter analysis yields novel gene targets mediating TCDD-induced toxicity.

Evidence for induction of apoptosis in T cells from murine fetal thymus following perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Synthesis of optically pure highly functionalized gamma-lactams via 2-azetidinone-tethered iminophosphoranes.

Angiotensin II attenuates chemical hypoxia-induced caspase-3 activation in primary cortical neuronal cultures.

Complestatin prevents apoptotic cell death: inhibition of a mitochondrial caspase pathway through AKT/PKB activation.

A chronic implant to record electroretinogram, visual evoked potentials and oscillatory potentials in awake, freely moving rats for pharmacological studies.

Toxicological profiling of sediments using in vitro bioassays, with emphasis on endocrine disruption.

Developmental toxicity of dioxin to mouse embryonic teeth in vitro: arrest of tooth morphogenesis involves stimulation of apoptotic program in the dental epithelium.

Enhancement of death-receptor induced caspase-8-activation in the death-inducing signalling complex by uncoupling of oxidative phosphorylation.

The Metropolitan Atlanta Congenital Defects Program: 35 years of birth defects surveillance at the Centers for Disease Control and Prevention.

Caspase-3 dependent proteolytic activation of protein kinase C delta mediates and regulates 1-methyl-4-phenylpyridinium (MPP+)-induced apoptotic cell death in dopaminergic cells: relevance to oxidative stress in dopaminergic degeneration.

Individual and mixture toxicity of three pesticides; atrazine, chlorpyrifos, and chlorothalonil to the marine phytoplankton species *Dunaliella tertiolecta*.

Role of chloroplast photosystems II and I in apoptosis of pea guard cells.

Impact of Agent Orange exposure among Korean Vietnam veterans.

Correlation of the structures of agricultural fungicides to gene expression in *Saccharomyces cerevisiae* upon exposure to toxic doses.

Allyl alcohol activation of protein kinase C delta leads to cytotoxicity of rat hepatocytes.

Protective effect of docosahexaenoic acid on oxidative stress-induced apoptosis of retina photoreceptors.

Cytotoxic effects of the herbicide 2,4-dichlorophenoxyacetic acid in HepG2 cells.

Acute and chronic effects of alcohol exposure on skeletal muscle c-myc, p53, and Bcl-2 mRNA expression.

An inhibitor of mitochondrial complex I, rotenone, inactivates proteasome by oxidative modification and induces aggregation of oxidized proteins in SH-SY5Y cells.

Delayed behavioural aging and altered mortality in *Drosophila* beta integrin mutants.

Resistance to tumor necrosis factor-alpha (TNF-alpha)-induced apoptosis in rat hepatoma cells expressing TNF-alpha is linked to low antioxidant enzyme expression.

Persistence and prevention of aluminium- and paraquat-induced adaptive response to methyl mercuric chloride in plant cells in vivo.

In vitro activity of dimethylarsinic acid against human leukemia and multiple myeloma cell lines.

Impacts of glutathione peroxidase-1 knockout on the protection by injected selenium against the pro-oxidant-induced liver aponecrosis and signaling in selenium-deficient mice.

Low levels of glutathione peroxidase 1 activity in selenium-deficient mouse liver affect c-Jun N-terminal kinase activation and p53 phosphorylation on Ser-15 in pro-oxidant-induced aponecrosis.

CYP1a1, HSP70, P53, and c-fos expression in human liver carcinoma cells (HepG2) exposed to pentachlorophenol.

The activation of the retinoic acid response element is inhibited in an animal model of congenital diaphragmatic hernia.

Effects of riboflavin photoproducts on microbial activity during photosensitization of atrazine transformation.

Photodegradation of acetochlor in water and UV photoproducts identified by mass spectrometry.

Role of the PSII-H subunit in photoprotection: novel aspects of D1 turnover in *Synechocystis* 6803.

The effect of endocrine disrupting chemicals on thyroid hormone binding to Japanese quail transthyretin and thyroid hormone receptor.

Expression of senescence-enhanced genes in response to oxidative stress.

Enhancement of catalase activity by repetitive low-grade H₂O₂ exposures protects fibroblasts from subsequent stress-induced apoptosis.

Cinnamaldehyde induces apoptosis by ROS-mediated mitochondrial permeability transition in human promyelocytic leukemia HL-60 cells.

Optical whole-cell biosensor using *Chlorella vulgaris* designed for monitoring herbicides.

Neuroprotective effects of alpha-tocopherol on oxidative stress in rat striatal cultures.

The role of oxidative stress in the in vitro induction of micronuclei by pesticides in mouse lung fibroblasts.

Cyclic, pseudocyclic and noncyclic photophosphorylation: new links in the chain.

Fish tolerance to organophosphate-induced oxidative stress is dependent on the glutathione metabolism and enhanced by N-acetylcysteine.

Photodegradation pathways and the in vitro phototoxicity of pyrazinamide, a phototoxic antitubercular drug.

Anticonvulsant potential of holy basil, *Ocimum sanctum* Linn., and its cultures.

Effect of endodontic agents on cytotoxicity induction by sodium fluoride.

A double-masked, randomized control trial of iron supplementation in early infancy in healthy term breast-fed infants.

Pathophysiology of the optic neuropathy associated with Friedreich ataxia.

Unbalanced collagenases/TIMP-1 expression and epithelial apoptosis in experimental lung fibrosis.

Oxygen regulation and limitation to cellular respiration in mouse skeletal muscle in vivo.

Effects of cysteine on the cytotoxicity of arsenic compounds.

Tribromophenol induces the differentiation of SH-SY5Y human neuroblastoma cells in vitro.

Mitochondrial oxidative stress causes chromosomal instability of mouse embryonic fibroblasts.

FLT3 expressing leukemias are selectively sensitive to inhibitors of the molecular chaperone heat shock protein 90 through destabilization of signal transduction-associated kinases.

Tyrosine kinases inhibitors block Fas-mediated deleterious effects in normoxic and hypoxic ventricular myocytes.

Mechanisms of TCDD-induced abnormalities and embryo lethality in white leghorn chickens.

Herbimycin A attenuates apoptosis during heat stress in rats.

The effect of retinyl palmitate added to iron-fortified maize porridge on erythrocyte incorporation of iron in African children with vitamin A deficiency.

Inhibition of NF-kappaB essentially contributes to arsenic-induced apoptosis.

Reversal of Bcl-2-mediated resistance of the EW36 human B-cell lymphoma cell line to arsenite- and pesticide-induced apoptosis by PK11195, a ligand of the mitochondrial benzodiazepine receptor.

Celecoxib inhibits proliferation and induces apoptosis via prostaglandin E2 pathway in human cholangiocarcinoma cell lines.

Cardiac effects of hypocretin-1 in nucleus ambiguus.

GVS-111 prevents oxidative damage and apoptosis in normal and Down's syndrome human cortical neurons.

Human RPE-monocyte co-culture induces chemokine gene expression through activation of MAPK and NIK cascade.

Etiology of congenital diaphragmatic hernia: the retinoid hypothesis.

ZnCl₂ induces Syrian hamster embryo (SHE) cell transformation.

Methylated metabolites of arsenic trioxide are more potent than arsenic trioxide as apoptotic but not differentiation inducers in leukemia and lymphoma cells.

Evidence of oxidative stress in familial amyloidotic polyneuropathy type 1.

The induction of heat shock protein-72 attenuates cisplatin-induced acute renal failure in rats.

Environmental estrogens alter early development in *Xenopus laevis*.

Early changes in metabolism of leukemic cell lines upon induction of apoptosis by cytotoxic drugs.

Spectrum of cross-photosensitization in 18 consecutive patients with contact photoallergy to ketoprofen: associated photoallergies to non-benzophenone-containing molecules.

Perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin alters activity-dependent expression of BDNF mRNA in the neocortex and male rat sexual behavior in adulthood.

Cross-linking of surface IgM in the Burkitt's lymphoma cell line ST486 provides protection against arsenite- and stress-induced apoptosis that is mediated by ERK and phosphoinositide 3-kinase signaling pathways.

Retinal dehydrogenase-2 is inhibited by compounds that induce congenital diaphragmatic hernias in rodents.

PPARalpha agonist-induced rodent tumors: modes of action and human relevance.

Axial skeletal and Hox expression domain alterations induced by retinoic acid, valproic acid, and bromoxynil during murine development.

Modulation of the arsenic effects on cytotoxicity, viability, and cell cycle in porcine endothelial cells by selenium.

Neocortical neurons cultured from mice with expanded CAG repeats in the huntingtin gene: unaltered vulnerability to excitotoxins and other insults.

Src tyrosine kinase but not activated Ras augments sensitivity to taxanes through apoptosis in human adenocarcinoma cells.

Proliferative activity of bile from congenital choledochal cyst patients.

Ryanodine receptor antibodies in myasthenia gravis: epitope mapping and effect on calcium release in vitro.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) alters the endogenous metabolism of all-trans-retinoic acid in the rat.

Rescue of light responses in the *Drosophila* "null" phospholipase C mutant, norpAP24, by the diacylglycerol kinase mutant, rdgA, and by metabolic inhibition.

Damage to developing mouse skeletal muscle myotubes in culture: protective effect of heat shock proteins.

Cardiovascular effects of hypocretin-1 in nucleus of the solitary tract.

Oxidative stress-induced cell death of human oral neutrophils.

2,3,7,8-tetrachlorodibenzo-p-dioxin induces lecithin: retinol acyltransferase transcription in the rat kidney.

Competitive interactions of chlorinated phenol compounds with 3,3',5-triiodothyronine binding to transthyretin: detection of possible thyroid-disrupting chemicals in environmental waste water.

Expression of aryl hydrocarbon receptor and aryl hydrocarbon receptor nuclear translocator messenger ribonucleic acids and proteins in rat and human testis.

Measurement of retinoids and beta-carotene 15,15'-dioxygenase activity in HR-1 hairless mouse skin with UV exposure.

Endocrine disrupting chemicals: interference of thyroid hormone binding to transthyretins and to thyroid hormone receptors.

Toxicokinetics and physiologically based toxicokinetics in toxicology and risk assessment.

Similarity between the major collagens of cuttlefish cranial cartilage and cornea.

Herbimycin A induces sympathetic neuron survival and protects against hypoxia.

Sensitivity and specificity of different staining methods to monitor apoptosis induced by oxidative stress in adherent cells.

Neurodevelopmental defects in zebrafish (*Danio rerio*) at environmentally relevant dioxin (TCDD) concentrations.

Cardioacceleratory responses to hypocretin-1 injections into rostral ventromedial medulla.

Enhanced prediction of potential rodent carcinogenicity by utilizing comet assay and apoptotic assay in combination.

Oxidative stress in laboratory-incubated double-crested cormorant eggs collected from the Great Lakes.

[Protective effect of ecdysterone against sodium arsenite-induced endothelial cell apoptosis].

Implications of glucose transporter protein type 1 (GLUT1)-haplodeficiency in embryonic stem cells for their survival in response to hypoxic stress.

TCDD-induced expression of Ah receptor responsive genes in the pituitary and brain of cellular retinol-binding protein (CRBP-I) knockout mice.

TCDD-induced apoptosis in EL-4 cells deficient of the aryl hydrocarbon receptor and down-regulation of IGFBP-6 prevented the apoptotic cell death.

[Development of the protein therapeutics using the super anti-cell death factor FNK].

Selective enhancement of ifosfamide-induced toxicity in Chinese hamster ovary cells.

Analysis of tryptophan and tyrosine in cerebrospinal fluid by capillary electrophoresis and "ball lens" UV-pulsed laser-induced fluorescence detection.

Glycolaldehyde induces apoptosis in a human breast cancer cell line.

On the significance of the role of cellular stress response reactions in the toxic actions of dioxin.

Aberrant utilization of nitric oxide and regulation of soluble guanylate cyclase in rat diabetic retinopathy.

Cardioselective sulfonylthiourea HMR 1098 blocks mitochondrial uncoupling induced by a KATP channel opener, P-1075, in beating rat hearts.

[Effect of arsenic toxicity on morphology and viability of enzyme in primary culture of rat hippocampal neurons].

Identification and functional characterization of a Na⁺-independent large neutral amino acid transporter, LAT1, in human and rabbit cornea.

Soluble extracts from *Helicobacter pylori* induce dome formation in polarized intestinal epithelial monolayers in a laminin-dependent manner.

Optical sensor for carbon dioxide combining colorimetric change of a pH indicator and a reference luminescent dye.

Corneal IL-8 expression following adenovirus infection is mediated by c-Src activation in human corneal fibroblasts.

Health of tree swallow (*Tachycineta bicolor*) nestlings exposed to chlorinated hydrocarbons in the St Lawrence River basin. Part I. Renal and hepatic vitamin A concentrations.

Zebrafish as a novel experimental model for developmental toxicology.

Metabolism of lipid derived aldehyde, 4-hydroxynonenal in human lens epithelial cells and rat lens.

A cysteine-linkable, short cleavable photoprobe with dual functionality to explore protein-protein interfaces.

Leiomyosarcoma of urinary bladder following cyclophosphamide therapy: report of two cases.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on chorionic gonadotrophin activity in pregnant macaques.

Dioxin risks in perspective: past, present, and future.

Role of reactive oxygen species and antioxidants in plant disease resistance.

Iron toxicity in organotypic cultures of hippocampal slices: role of reactive oxygen species.

Induction of apoptosis in cerebellar granule cells by 2,4-dichlorophenoxyacetic acid.

Effect of 2'-benzoyl-oxycinnamaldehyde on RPE cells in vitro and in an experimental proliferative vitreoretinopathy model.

Iron(III) photo-induced degradation of isoprothuron: correlation between degradation and toxicity.

Broadening our outlook on sources for corneal donation.

Specific up-regulation of GADD153/CHOP in 1-methyl-4-phenyl-pyridinium-treated SH-SY5Y cells.

A major human arsenic metabolite, dimethylarsinic acid, requires reduced glutathione to induce apoptosis.

The ocular surface toxicity of paraquat.

Incidence of CTCL in Vietnam veterans.

Effects of pentachlorophenol and tetrachlorohydroquinone on mitogen-activated protein kinase pathways in Jurkat T cells.

Developmental disorders in embryos of the frog *Xenopus laevis* induced by chloroacetanilide herbicides and their degradation products.

Acrolein-induced cytotoxicity in cultured human bronchial epithelial cells. Modulation by alpha-tocopherol and ascorbic acid.

An analysis of glyphosate data from the California Environmental Protection Agency Pesticide Illness Surveillance Program.

Photochemistry and photoinduced toxicity of acifluorfen, a diphenyl-ether herbicide.

Paraquat- and diquat-induced oxygen radical generation and lipid peroxidation in rat brain microsomes.

Acrolein-induced cell death: a caspase-influenced decision between apoptosis and oncosis/necrosis.

Simultaneous determination of pesticides using a four-band disposable optical capillary immunosensor.

A field study to assess the degradation and transport of diuron and its metabolites in a calcareous soil.

Enantioselective effects of optically active alpha-methylbenzyl-s-triazine on the root growth of rice and *Echinochloa* plants and their herbicidal activity.

Amyloid formation in rat transthyretin: effect of oxidative stress.

The barley MLO modulator of defense and cell death is responsive to biotic and abiotic stress stimuli.

Involvement of chloroplasts in the programmed death of plant cells.

Combined calcium carbimide and ethanol treatment induces high blood acetaldehyde levels, myocardial apoptosis and altered expression of apoptosis-regulating genes in rat.

Transepithelial organic anion transport by shark choroid plexus.

Confocal imaging of organic anion transport in intact rat choroid plexus.

Optical multiple-analyte immunosensor for water pollution control.

The distribution of the anti-HIV drug, 2'3'-dideoxycytidine (ddC), across the blood-brain and blood-cerebrospinal fluid barriers and the influence of organic anion transport inhibitors.

Involvement of the Arabidopsis alpha-DOX1 fatty acid dioxygenase in protection against oxidative stress and cell death.

Role of mitochondria in toxic cell death.

Localization of tumor by chemiluminescence probe during photosensitization action.

Non-genotoxic carcinogens: early effects on gap junctions, cell proliferation and apoptosis in the rat.

[Human neurotoxicity of ethylene-bis-dithiocarbamates (EBDC)].

Mesenchymal nuclear transcription factors in nitrofen-induced hypoplastic lung.

Caspase-3 colorimetric assay.

Activation of mitogen-activated protein kinases during granulocyte apoptosis in patients with severe sepsis.

Cytoskeletal structure of myoblasts with the mitochondrial DNA 3243A-->G mutation and of osteosarcoma cells with respiratory chain deficiency.

Lipid metabolism and neuropsychological follow-up study of workers exposed to 2,3,7,8-tetrachlorodibenzo- p-dioxin.

Differential toxicogenomic responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin in malignant and nonmalignant human airway epithelial cells.

On the role of monoamine oxidase-A for the maintenance of the volitional consumption of ethanol in two different rat models.

Increased arylhydrocarbon receptor expression offers a potential therapeutic target for pancreatic cancer.

Radiosensitization by overexpression of the nonphosphorylation form of I κ B-alpha in human glioma cells.

Beta 1-integrin protects hepatoma cells from chemotherapy induced apoptosis via a mitogen-activated protein kinase dependent pathway.

The role of Akt and RAFK in beta1 integrin mediated survival of precursor B-acute lymphoblastic leukemia cells.

Selective apoptosis of tandemly duplicated FLT3-transformed leukemia cells by Hsp90 inhibitors.

Experimental study on photodynamic diagnosis of cancer mediated by chemiluminescence probe.

The silencing mediator of retinoic acid and thyroid hormone receptors can interact with the aryl hydrocarbon (Ah) receptor but fails to repress Ah receptor-dependent gene expression.

Endocrine dismodulation and cancer.

Effect of arsenic, cadmium and lead on the induction of apoptosis of normal human mononuclear cells.

Role of ATP in the sensitivity to heat and the induction of apoptosis in mammalian cells.

Differential activation of the c-Jun N-terminal kinase pathway in arsenite-induced apoptosis and sensitization of chemically resistant compared to susceptible B-lymphoma cell lines.

Platelet endothelial cell adhesion molecule-1 (PECAM-1/CD31) acts as a regulator of B-cell development, B-cell antigen receptor (BCR)-mediated activation, and autoimmune disease.

Studies on the photostability and phototoxicity of aloe-emodin, emodin and rhein.

Modes of activation of mitogen-activated protein kinases and their roles in cepharanthine-induced apoptosis in human leukemia cells.

Restoration of p53 tumor suppressor pathway in human cervical carcinoma cells by sodium arsenite.

Hsp-90-associated oncoproteins: multiple targets of geldanamycin and its analogs.

2,3,7,8-Tetrachlorodibenzo-p-dioxin treatment induces c-Fos expression in the forebrain of the Long-Evans rat.

Angiotensin protects cortical neurons from hypoxic-induced apoptosis via the angiotensin type 2 receptor.

Early induction of genetic instability and apoptosis by arsenic in cultured Chinese hamster cells.

Skin irritation typing and grading based on laser Doppler perfusion imaging.

NTP Technical Report on the Toxicology and Carcinogenesis Studies of Chloral Hydrate (Cas No. 302-17-0) in B6C3F1 mice (Gavage Studies).

Src tyrosine kinase augments taxotere-induced apoptosis through enhanced expression and phosphorylation of Bcl-2.

Dynamic imaging of endoplasmic reticulum Ca²⁺ concentration in insulin-secreting MIN6 Cells using recombinant targeted cameleons: roles of sarco(endo)plasmic reticulum Ca²⁺-ATPase (SERCA)-2 and ryanodine receptors.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in the zebrafish embryo: altered regional blood flow and impaired lower jaw development.

Mechanism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced decrease in anti-CD3-activated CD4(+) T cells: the roles of apoptosis, Fas, and TNF.

A dynamic role for the Ah receptor in cell signaling? Insights from a diverse group of Ah receptor interacting proteins.

Differentiation-dependent induction of CYP1A1 in cultured rat small intestinal epithelial cells, colonocytes, and human colon carcinoma cells: basement membrane-mediated apoptosis.

Monoclonal antibodies recognizing epitopes of calretinins: dependence on Ca²⁺-binding status and differences in antigen accessibility in colon cancer cells.

Overexpression of bcl-2 protects hepatoma cell line HCC-9204 from ethanol-induced apoptosis.

The use of quantitative histological and molecular data for risk assessment and biologically based model development.

Model of inhibition of the NPM-ALK kinase activity by herbimycin A.

Expression of the uncoupling protein 1 from the α P2 gene promoter stimulates mitochondrial biogenesis in unilocular adipocytes in vivo.

Oriental effect on the photophysical properties of quaterthiophene-C60 dyads.

The effects of endocrine-disrupting chemicals on thyroid hormone binding to *Xenopus laevis* transthyretin and thyroid hormone receptor.

Induction of heat shock proteins (HSPs) by sodium arsenite in cultured astrocytes and reduction of hydrogen peroxide-induced cell death.

Adenoviral-mediated overexpression of catalase inhibits endothelial cell proliferation.

Developmental changes in inhibitory effects of arsenic and heat shock on growth of pre-implantation bovine embryos.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces Fas-dependent activation-induced cell death in superantigen-primed T cells.

Stereoselective hydroxylation of 4-methyl-2-cyclohexenone in rats: its relevance to R-(+)-pulegone-mediated hepatotoxicity.

Involvement of reactive oxygen species in arsenite-induced downregulation of phospholipid hydroperoxide glutathione peroxidase in human epidermoid carcinoma A431 cells.

Enhanced resistance to salt, cold and wound stresses by overproduction of animal cell death suppressors Bcl-xL and Ced-9 in tobacco cells - their possible contribution through improved function of organelle.

2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in the zebrafish embryo: local circulation failure in the dorsal midbrain is associated with increased apoptosis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in the zebrafish embryo: local circulation failure in the dorsal midbrain is associated with increased apoptosis.

Origins and consequences of mitochondrial decline in nucleated erythrocytes.

Both tissue inhibitors of metalloproteinases-1 (TIMP-1) and TIMP-2 activate Ras but through different pathways.

Modification of the enantioselectivity of two homologous thermophilic carboxylesterases from *Alicyclobacillus acidocaldarius* and *Archaeoglobus fulgidus* by random mutagenesis and screening.

Isolation and structure determination of six glucocerebrosides from the starfish *Luidia maculata*.

Activation of Wiskott-Aldrich syndrome protein and its association with other proteins by stromal cell-derived factor-1alpha is associated with cell migration in a T-lymphocyte line.

Gene-specific TCDD suppression of RARalpha- and RXR-mediated induction of tissue transglutaminase.

Evidence that GABAergic neurons in the preoptic area of the rat brain are targets of 2,3,7,8-tetrachlorodibenzo-p-dioxin during development.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on preimplantation mouse embryos.

Expression of genes for alcohol and aldehyde metabolizing enzymes in mouse oocytes and preimplantation embryos.

The retinoid signaling system--a target in dioxin toxicity.

Recognition and phagocytosis of apoptotic T cells by resident murine tissue macrophages require multiple signal transduction events.

Effects of protein kinase C on delayed rectifier K⁺ channel regulation by tyrosine kinase in rat retinal pigment epithelial cells.

Merosin-integrin promotion of skeletal myofiber cell survival: Differentiation state-distinct involvement of p60Fyn tyrosine kinase and p38alpha stress-activated MAP kinase.

Soluble fibrinogen modulates neutrophil functionality through the activation of an extracellular signal-regulated kinase-dependent pathway.

Expression and induction of the stress protein alpha-B-crystallin in vascular endothelial cells.

Unique property of some synthetic retinoids: activation of the aryl hydrocarbon receptor pathway.

Changes in fetal brain aromatase activity following in utero 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in rats.

Arsenic induces oxidative stress and activates stress gene expressions in cultured lung epithelial cells.

Myeloperoxidase-dependent caspase-3 activation and apoptosis in HL-60 cells: protection by the antioxidants ascorbate and (dihydro)lipoic acid.

Preliminary evaluation of the cytotoxic and genotoxic potential of D-003: Mixture of very long chain fatty acids.

Phototransformation of metoxuron [3-(3-chloro-4-methoxyphenyl)-1,1-dimethylurea] in aqueous solution.

Mechanisms of MPP(+) incorporation into cerebellar granule cells.

Toxic effect caused on microflora of soil by pesticide picloram application.

Arsenic induces apoptosis in rat cerebellar neurons via activation of JNK3 and p38 MAP kinases.

Assessment of pentachlorophenol-exposed timber workers using a test-of-poisoning model.

Degradation products of a phenylurea herbicide, diuron: synthesis, ecotoxicity, and biotransformation.

Toxic effects of MPP(+) and MPTP in PC12 cells independent of reactive oxygen species formation.

Oxidative stress and liver toxicity in rats and human hepatoma cell line induced by pentachlorophenol and its major metabolite tetrachlorohydroquinone.

Cleavage of Bax is mediated by caspase-dependent or -independent calpain activation in dopaminergic neuronal cells: protective role of Bcl-2.

Toxic effects of the herbicide 2,4-dichlorophenoxyacetic acid on lymphoid organs of the rat.

Dimethylarsinic acid induces 8-hydroxy-2'-deoxyguanosine formation in the kidney of NCI-Black-Reiter rats.

Selective protection by stably transfected human ALDH3A1 (but not human ALDH1A1) against toxicity of aliphatic aldehydes in V79 cells.

Effect of cigarette smoke extract on neonatal porcine vascular smooth muscle cells.

Induction of apoptosis in human lymphocytes by the herbicide 2,4-dichlorophenoxyacetic acid.

Combined effects of pentachlorophenol and salinity stress on chemiluminescence activity in two species of abalone.

Inhibition of neutrophil apoptosis by acrolein: a mechanism of tobacco-related lung disease?

GAPDH knockdown rescues mesencephalic dopaminergic neurons from MPP+ -induced apoptosis.

Evaluation of acute sensory--motor effects and test sensitivity using termiticide workers exposed to chlorpyrifos.

Atrazine potentiation of arsenic trioxide-induced cytotoxicity and gene expression in human liver carcinoma cells (HepG2).

Differential role of superoxide and glutathione in S-nitrosoglutathione-mediated apoptosis: a rationale for mild forms of familial amyotrophic lateral sclerosis associated with less active Cu,Zn superoxide dismutase mutants.

Increased susceptibility of copper-deficient neuroblastoma cells to oxidative stress-mediated apoptosis.

Ceramide-mediated apoptosis in lung epithelial cells is regulated by glutathione.

Inhibition of apoptosis by pentachlorophenol in v-myc-transfected rat liver epithelial cells: relation to down-regulation of gap junctional intercellular communication.

Caspase-3 activation induced by inhibition of mitochondrial complex I is facilitated by glycogen synthase kinase-3beta and attenuated by lithium.

Auxin herbicides induce H₂O₂ overproduction and tissue damage in cleavers (*Galium aparine* L.).

Synthesis of optically active N-(2-pyridyloxiran-2-ylmethyl) benzenesulfonamide derivatives and their herbicidal activity.

Design of functionalized lipids and evidence for their binding to photosystem II core complex by oxygen evolution measurements, atomic force microscopy, and scanning near-field optical microscopy.

Red blood cells inhibit activation-induced cell death and oxidative stress in human peripheral blood T lymphocytes.

Inhibitory effect of 2'-O-benzoylcinnamaldehyde on vascular endothelial cell proliferation and migration.

Unmasking the progesterone receptor in the preoptic area and hypothalamus of the ewe: no colocalization with gonadotropin-releasing neurons.

Hyperoxia inhibits oxidant-induced apoptosis in lung epithelial cells.

The transcriptional and DNA binding activity of peroxisome proliferator-activated receptor alpha is inhibited by ethanol metabolism. A novel mechanism for the development of ethanol-induced fatty liver.

Differential antioxidant responses to norflurazon-induced oxidative stress in maize.

Acrolein induces activation of the epidermal growth factor receptor of human keratinocytes for cell death.

Reactive oxygen species uncouple external horizontal cells in the carp retina and glutathione couples them again.

Neurotoxicity of MPTP.

Stereospecific antitumor activity of radicicol oxime derivatives.

Enhanced expression of heat shock proteins in activated polymorphonuclear leukocytes in patients with sepsis.

Severity of oxidative stress generates different mechanisms of endothelial cell death.

Reduced expression of neuronal nicotinic acetylcholine receptors during the early stages of damage by oxidative stress in PC12 cells.

Agricultural risk factors for t(14;18) subtypes of non-Hodgkin's lymphoma.

[Epidemiology of soft tissue sarcomas in adults].

Arsenic suppresses necrosis induced by selenite in human leukemia HL-60 cells.

T-cell-based immunity counteracts the potential toxicity of glutamate in the central nervous system.

Complestatin is a noncompetitive peptide antagonist of N-methyl-D-aspartate and alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid/kainate receptors: secure blockade of ischemic neuronal death.

Inhibition of tyrosine kinase activity induces caspase-dependent apoptosis in anaplastic large cell lymphoma with NPM-ALK (p80) fusion protein.

FLT3 tyrosine kinase as a target molecule for selective antileukemia therapy.

Severe 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) intoxication: clinical and laboratory effects.

Green fluorescent protein (GFP) as a marker of aryl hydrocarbon receptor (AhR) function in developing zebrafish (*Danio rerio*).

Down-regulation of regulatory proteins for differentiation and proliferation in murine fetal hypoplastic lungs: altered mesenchymal-epithelial interactions.

Aromatic hydrocarbon receptor-driven Bax gene expression is required for premature ovarian failure caused by biohazardous environmental chemicals.

Pro-apoptotic interactions between XK469 and the peripheral benzodiazepine receptor.

[A case of chronic methyl bromide intoxication showing symmetrical lesions in the basal ganglia and brain stem on magnetic resonance imaging].

Concomitant supplemental vitamin A enhances the response to weekly supplemental iron and folic acid in anemic teenagers in urban Bangladesh.

Hepatic vitamin a depletion is a sensitive marker of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure in four rodent species.

[The changes of PCBs and PCDFs as well as symptoms in Yusho patients for 30 years].

Fate of PCDF/PCB congeners and change of clinical symptoms in patients with Yusho PCB poisoning for 30 years.

Method for evaluation of immunotoxicity of dioxin compounds using human T-lymphoblastic cell line, L-MAT.

Activated coagulation factor X: a novel mitogenic stimulus for human mesangial cells.

Pesticide-related illness and injuries among banana workers in Costa Rica: a comparison between 1993 and 1996.

Maximal aryl hydrocarbon receptor activity depends on an interaction with the retinoblastoma protein.

Central retinal vein occlusion and nonarteritic ischemic optic neuropathy in 2 patients with mild iron deficiency anemia.

Identification of apoptotic cells by formamide-induced dna denaturation in condensed chromatin.

Differential expression of Hox A5 in human colon cancer cell differentiation: a quantitative study using real-time RT-PCR.

Genetic events associated with arsenic-induced malignant transformation: applications of cDNA microarray technology.

Dopaminergic cell death induced by MPP(+), oxidant and specific neurotoxicants shares the common molecular mechanism.

Dioxin exposure is an environmental risk factor for ischemic heart disease.

Bcl-2 overexpression decreases BCNU sensitivity of a human glioblastoma line through enhancement of catalase activity.

Preconditioning with sodium arsenite inhibits apoptotic cell death in rat kidney with ischemia/reperfusion or cyclosporine-induced injuries. The possible role of heat-shock protein 70 as a mediator of ischemic tolerance.

History of the development of arsenic derivatives in cancer therapy.

Photosensitizing activity of thiocolchicoside: photochemical and in vitro phototoxicity studies.

Cyclophosphamide induces caspase 9-dependent apoptosis in 9L tumor cells.

Cyclic AMP increases the survival of ganglion cells in mixed retinal cell cultures in the absence of exogenous neurotrophic molecules, an effect that involves cholinergic activity.

Mass spectrometric analysis of integral membrane proteins at the subnanomolar level: application to recombinant photopigments.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) inhibition of coronary development is preceded by a decrease in myocyte proliferation and an increase in cardiac apoptosis.

Glial cell-derived neurotrophic factor (GDNF)-induced migration and signal transduction in corneal epithelial cells.

Inhibition of apoptosis in rat hepatocytes treated with 'non-dioxin-like' polychlorinated biphenyls.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on corticotrophin-releasing hormone, arginine vasopressin, and pro-opiomelanocortin mRNA levels in the hypothalamus of the cynomolgus monkey.

Phosphorylation-induced activation of tilapia nonspecific cytotoxic cells by serum cytokines.

Enhanced activation-induced cell death as a mechanism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced immunotoxicity in peripheral T cells.

The regulation of FasL expression during activation-induced cell death (AICD).

Preconditioning-induced neuroprotection is mediated by reactive oxygen species and activation of the transcription factor nuclear factor-kappaB.

The Change in the Properties of Sodium Dodecyl Sulfate Micelles upon Addition of Isomeric and Unsaturated Short-Chain Alcohols Probed by Photophysical Methods.

Cytotoxic effects of cigarette smoke extract on an alveolar type II cell-derived cell line.

Identification of UV photoproducts and hydrolysis products of butachlor by mass spectrometry.

Comparison of reproductive parameters in male yellow-blotched map turtles (*Graptemys flavimaculata*) from a historically contaminated site and a reference site.

PCBs, TEQs and plasma retinol in grey heron (*Ardea cinerea*) hatchlings from two rookeries in Norway.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptotic cell death and cytochrome P4501A expression in developing *Fundulus heteroclitus* embryos.

Photoaffinity labeling of human IRBP with all-trans-retinoic acid.

Intraocular pressure and vascular effects of sodium azide in bovine perfused eye.

2, 3, 7, 8-tetrachlorodibenzo-p-dioxin induces apoptosis in the dorsal midbrain of zebrafish embryos by activation of arylhydrocarbon receptor.

[Dependence of lipid peroxidation on pigmentation of the porcine iris].

Polychlorinated biphenyls, polychlorinated dibenzo-p-dioxins, and polychlorinated dibenzofurans as endocrine disrupters--what we have learned from Yusho disease.

Hemopoietic cell kinetics after intraperitoneal single injection of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice.

Evaluation of an optical microbiological method for rapidly estimating populations of aerobic bacteria, coliforms, and *Escherichia coli* from ground pork.

The rinosomes of senescing plant tissue bud from the endoplasmic reticulum.

An allyltitanium derived from acrolein 1,2-dicyclohexylethylene acetal and (eta(2)-propene)Ti(O-i-Pr)(2) as a chiral propionaldehyde homoenolate equivalent that reacts with imines with excellent stereoselectivity. An efficient and practical access to optically active gamma-amino carbonyl compounds.

Leaf optical properties in higher plants: linking spectral characteristics to stress and chlorophyll concentration.

Fibroblast growth factor receptor 2 (FGFR2) in brain neurons and retinal pigment epithelial cells act via stimulation of neuroendocrine L-type channels (Ca(v)1.3).

Lipid peroxidation in porcine irises: dependence on pigmentation.

Application of the nitroblue tetrazolium-reduction method for studies on the production of reactive oxygen species in insect haemocytes.

Nitroxide TEMPOL impairs mitochondrial function and induces apoptosis in HL60 cells.

Cepharanthine activates caspases and induces apoptosis in Jurkat and K562 human leukemia cell lines.

Differential effects of protein tyrosine kinase inhibitors on interferon-gamma-induction of major histocompatibility complex class II and intercellular adhesion molecule-1 expression in human corneal epithelial cells.

Effects of tyrosine kinase inhibitors on cell death induced by sodium fluoride and pertussis toxin in the pancreatic beta-cell line, RINm5F.

Effects of subchronic exposure to complex mixtures of dioxin-like and non-dioxin-like polyhalogenated aromatic compounds on thyroid hormone and vitamin A levels in female Sprague-Dawley rats.

Acute and repeated vapor exposure toxicology of 3-(methylthio)propionaldehyde.

Folic acid protects SWV/Fnn embryo fibroblasts against arsenic toxicity.

Cancer mortality in four northern wheat-producing states.

The molecular effects of acrolein.

Chronic toxicity and oncogenicity bioassay in rats with the chloro-s-triazine herbicide cyanazine.

In vitro studies of cellular and molecular developmental toxicity of adjuvants, herbicides, and fungicides commonly used in Red River Valley, Minnesota.

Increased tumor necrosis factor-alpha sensitivity of MCF-7 cells transfected with NAD(P)H:quinone reductase.

Safety evaluation and risk assessment of the herbicide Roundup and its active ingredient, glyphosate, for humans.

Mechanistic aspects of the induction of apoptosis by lauryl gallate in the murine B-cell lymphoma line Wehi 231.

Disrupted mitochondrial electron transport function increases expression of anti-apoptotic bcl-2 and bcl-X(L) proteins in SH-SY5Y neuroblastoma and in Parkinson disease cybrid cells through oxidative stress.

Results of dental amalgam removal and mercury detoxification using DMPS and neural therapy.

Interaction among mitochondria, mitogen-activated protein kinases, and nuclear factor-kappaB in cellular models of Parkinson's disease.

Inhibition of cellular action of thrombin by N3-cyclopropyl-7-[[4-(1-methylethyl)phenyl]methyl]-7H-pyrrolo[3, 2-f]quinazoline-1,3-diamine (SCH 79797), a nonpeptide thrombin receptor antagonist.

Different cell death mechanisms and gene expression in human cells induced by pentachlorophenol and its major metabolite, tetrachlorohydroquinone.

Antiapoptotic and antigenotoxic effects of N-acetylcysteine in human cells of endothelial origin.

Deregulated manganese superoxide dismutase expression and resistance to oxidative injury in p53-deficient cells.

Fiber optic biosensor using *Chlorella vulgaris* for determination of toxic compounds.

DNA damage in arsenite- and cadmium-treated bovine aortic endothelial cells.

A theoretical study on the metabolic requirements resulting from alpha-ketoglutarate-dependent cleavage of phenoxyalkanoates.

2,3,7,8-tetrachlorodibenzo-p-dioxin increases serum and kidney retinoic acid levels and kidney retinol esterification in the rat.

In vivo labeling of mitochondrial complex I (NADH:ubiquinone oxidoreductase) in rat brain using [(3)H]dihydrorotenone.

2,2',4,6,6'-pentachlorobiphenyl induces apoptosis in human monocytic cells.

Syndecan-1-dependent homotypic cell adhesion in HT58 lymphoma cells.

The transcriptional signature of dioxin in human hepatoma HepG2 cells.

Injection of iron compounds followed by induction of the stress response causes tissue injury and apoptosis.

Differential effects of diethylstilbestrol and 2,3,7,8-tetrachlorodibenzo-p-dioxin on thymocyte differentiation, proliferation, and apoptosis in bcl-2 transgenic mouse fetal thymus organ culture.

Novel oxime derivatives of radicicol induce erythroid differentiation associated with preferential G(1) phase accumulation against chronic myelogenous leukemia cells through destabilization of Bcr-Abl with Hsp90 complex.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on initiation and promotion of GST-P-positive foci in rat liver: A quantitative analysis of experimental data using a stochastic model.

TCDD suppression of tissue transglutaminase stimulation by retinoids in malignant human keratinocytes.

Metabolic stress reversibly activates the Drosophila light-sensitive channels TRP and TRPL in vivo.

Inhibition of Hsp90 function by ansamycins causes retinoblastoma gene product-dependent G1 arrest.

A method to study apoptosis in eosinophils by flow cytometry.

Preconditioning-induced neuroprotection is mediated by reactive oxygen species.

Mobilization of vitamin A stores in rats after administration of 2,3, 7,8-tetrachlorodibenzo-p-dioxin: a kinetic analysis.

Annexin I is a stress protein induced by heat, oxidative stress and a sulfhydryl-reactive agent.

Retinal degeneration in licensed pesticide applicators.

Evidence of functional ryanodine receptor involved in apoptosis of prostate cancer (LNCaP) cells.

Herbimycin A in the treatment of experimental proliferative vitreoretinopathy: toxicity and efficacy study.

Studies on the in vitro phototoxicity of the antidiabetes drug glipizide.

Caspase-3 protease activation during the process of genistein-induced apoptosis in TM4 testicular cells.

Photobiological properties of nabumetone (4-[6-methoxy-2-naphthalenyl]-2-butanone), a novel non-steroidal anti-inflammatory and analgesic agent.

Inhibition of UV irradiation-induced oxidative stress and apoptotic biochemical changes in human epidermal carcinoma A431 cells by genistein.

Dual-hit hypothesis explains pulmonary hypoplasia in the nitrofen model of congenital diaphragmatic hernia.

Ah receptor ligands and tumor promotion: survival of neoplastic cells.

Comparison of oxidative stress response parameters in newborn mouse liver versus simian virus 40 (SV40)-transformed hepatocyte cell lines.

In vivo treatment of mutant FLT3-transformed murine leukemia with a tyrosine kinase inhibitor.

Regional differences in hypoxic depolarization and swelling in hippocampal slices.

Selective increase in cellular A beta 42 is related to apoptosis but not necrosis.

Death caused by a letter bomb.

Morphologic, biochemical and molecular mitochondrial changes during reperfusion phase following brief renal ischemia.

Hypothesis: chemical carcinogenesis mediated by a transiently active carcinogen receptor.

Fumigant-related illnesses: Washington State's five-year experience.

Regulation of microglial tyrosine phosphorylation in response to neuronal injury.

Cell proliferation and apoptosis in experimental lung hypoplasia.

Tyrosine kinase inhibitors reduce bcl-2 expression and induce apoptosis in androgen-dependent cells.

Role of the aromatic hydrocarbon receptor and [Ah] gene battery in the oxidative stress response, cell cycle control, and apoptosis.

Air bag injury and the dermatologist.

Two distinct regions of the yeast mitochondrial ADP/ATP carrier are photolabeled by a new ADP analogue: 2-azido-3'-O-naphthoyl-[beta-32P]ADP. Identification of the binding segments by mass spectrometry.

Simultaneous measurement of ERK, p38, and JNK MAP kinase cascades in vascular smooth muscle cells.

Molecular mechanisms of apoptosis induced by cytotoxic chemicals.

Differential susceptibility of retinal ganglion cells to reactive oxygen species.

Arsenite-induced apoptosis in cortical neurons is mediated by c-Jun N-terminal protein kinase 3 and p38 mitogen-activated protein kinase.

Implications of the generation of reactive oxygen species by photoactivated calcein for mitochondrial studies.

Differential effects of 4-chloro-m-cresol and caffeine on skinned fibers from rat fast and slow skeletal muscles.

Dexamethasone enhances ras-reversion gene expression in cultured murine fetal lungs: role in development.

Suppression of carbonic anhydrase III in rat liver by a dioxin-related toxic compound, coplanar polychlorinated biphenyl, 3, 3',4,4',5-pentachlorobiphenyl.

Synergistic activation of NF-kappaB and inducible isoform of nitric oxide synthase induction by interferon-gamma and tumor necrosis factor-alpha in INS-1 cells.

Overexpression of catalase in the mitochondrial or cytosolic compartment increases sensitivity of HepG2 cells to tumor necrosis factor-alpha-induced apoptosis.

Relative potency values derived from hepatic vitamin A reduction in male and female Sprague-Dawley rats following subchronic dietary exposure to individual polychlorinated dibenzo-p-dioxin and dibenzofuran congeners and a mixture thereof.

Thyroidal dysfunction and environmental chemicals--potential impact on brain development.

The inhibition of ERK/MAPK not the activation of JNK/SAPK is primarily required to induce apoptosis in chronic myelogenous leukemic K562 cells.

Chemical changes in the photoreceptor outer segments due to iron induced oxidative stress: analysis by Fourier transform infrared (FT-IR) microspectroscopy.

The involvement of caspases in the CD95(Fas/Apo-1)- but not swelling-induced cellular taurine release from Jurkat T-lymphocytes.

Altered cell cycle control at the G(2)/M phases in aryl hydrocarbon receptor-null embryo fibroblast.

Deficiency of the stress kinase p38alpha results in embryonic lethality: characterization of the kinase dependence of stress responses of enzyme-deficient embryonic stem cells.

Bacterial cell death induced by human pro-apoptotic Bax is blocked by an RNase E mutant that functions in an anti-oxidant pathway.

In-vivo and in-vitro evidence of a carrier-mediated efflux transport system for oestrone-3-sulphate across the blood-cerebrospinal fluid barrier.

Biliary excretion of bile acids and organic anions in zone 1- and zone 3-injured rats.

Elevated perfusion pressure upregulates endothelin-1 and endothelin B receptor expression in the rabbit carotid artery.

Cytochrome c release from mitochondria of early postimplantation murine embryos exposed to 4-hydroperoxycyclophosphamide, heat shock, and staurosporine.

Aromatic hydrocarbon receptor interaction with the retinoblastoma protein potentiates repression of E2F-dependent transcription and cell cycle arrest.

In vitro ocular irritation toxicity study of some pesticides.

UVA-induced oxidative damage in retinal pigment epithelial cells after H2O2 or sparflaxacin exposure.

Regulation of programmed cell death in maize endosperm by abscisic acid.

Carbonic anhydrase activators - part 21. Novel activators of isozymes I, II and IV incorporating carboxamido and ureido histamine moieties.

The aromatic hydrocarbon receptor, transcription, and endocrine aspects of dioxin action.

Signaling regulation for synergistic effects of substance P and insulin-like growth factor-1 or epidermal growth factor on corneal epithelial migration.

Butachlor is cytotoxic and clastogenic and induces apoptosis in mammalian cells.

Toxicity of selected plant volatiles in microbial and mammalian short-term assays.

Human ocular effects from self-reported exposures to Roundup herbicides.

Determination photostability of selected agrochemicals in water and soil.

Degeneration and gliosis in rat retina and central nervous system following 3,3'-iminodipropionitrile exposure.

Zinc protects against oxidative damage in cultured human retinal pigment epithelial cells.

Characterization of maternal influence on teratogenicity: an assessment of developmental toxicity studies for the herbicide cyanazine.

Acute poisoning with a herbicide containing imazapyr (Arsenal): a report of six cases.

The early phase of apoptosis in human neuroblastoma CHP100 cells is characterized by lipoxygenase-dependent ultraweak light emission.

Arsenic trioxide selectively induces acute promyelocytic leukemia cell apoptosis via a hydrogen peroxide-dependent pathway.

Animal cell-death suppressors Bcl-x(L) and Ced-9 inhibit cell death in tobacco plants.

Decreased intracellular superoxide levels activate Sindbis virus-induced apoptosis.

Motor neuron degeneration is attenuated in bax-deficient neurons in vitro.

Mechanism of organic anion transport across the apical membrane of choroid plexus.

The p66shc adaptor protein controls oxidative stress response and life span in mammals.

State transitions, cyclic and linear electron transport and photophosphorylation in *Chlamydomonas reinhardtii*.

Attenuation of endogenous oxidative stress-induced cell death by cytochrome P450 inhibitors in primary cultures of rat hepatocytes.

Effect of pentachlorophenol (PCP) on frog cornea epithelium.

Metabolism of 7-fluoro-6-(3,4,5,6-tetrahydrophthalimido)-4-(2-propynyl)-2H-1,4-benzoxazin-3(4H)-one (S-53482, flumioxazin) in the rat: II. Identification of reduced metabolites.

Evidence for oestrogen receptor alpha-immunoreactivity in gonadotrophin-releasing hormone-expressing neurones.

Integrated optical surface plasmon resonance immunoprobe for simazine detection.

Signals controlling the expression of cytosolic ascorbate peroxidase during pathogen-induced programmed cell death in tobacco.

Effect of Optically Active Ethyl 2-Phthalimidooxypropionate on the Growth of Cress, *Lepidium sativum*.

Melatonin and 5-methoxytryptamine in the bioluminescent dinoflagellate *Gonyaulax polyedra*.

Restoration of the circadian glow peak after suppression of indoleamine biosynthesis or oxidative stress.

Metabolism of 7-fluoro-6-(3,4,5,6-tetrahydrophthalimido)-4-(2-propynyl)-2H-1,4-benzoxazin-3(4H)-one (S-53482) in rat. 1. Identification of a sulfonic acid type conjugate.

Acrolein cytotoxicity and glutathione depletion in n-3 fatty acid sensitive- and resistant human tumor cells.

Study of the photochemical and in vitro phototoxicity of chlortalidone [2-chloro-5-(1-hydroxy-3-oxo-1-isoindolinyl)benzene sulfonamide].

Taurine prevents high-glucose-induced human vascular endothelial cell apoptosis.

Implication of mitochondria-derived reactive oxygen species, cytochrome C and caspase-3 in N-(4-hydroxyphenyl)retinamide-induced apoptosis in cervical carcinoma cells.

Role of Fas-Fas ligand interactions in 2,3,7,8-tetrachlorodibenzo- p-dioxin (TCDD)-induced immunotoxicity: increased resistance of thymocytes from Fas-deficient (*lpr*) and Fas ligand-defective (*gld*) mice to TCDD-induced toxicity.

The significance of excursions above the ADI: duration in relation to pivotal studies.

Cytotoxicity and aromatase (CYP19) activity modulation by organochlorines in human placental JEG-3 and JAR choriocarcinoma cells.

Cytotoxic potential of the phytochemical genistein isoflavone (4',5',7-trihydroxyisoflavone) and certain environmental chemical compounds on testicular cells.

Hypoxia induces renal tubular epithelial cell apoptosis in chronic renal disease.

MHC-I-induced apoptosis in human B-lymphoma cells is dependent on protein tyrosine and serine/threonine kinases.

Secreted form of amyloid precursor protein enhances basal glucose and glutamate transport and protects against oxidative impairment of glucose and glutamate transport in synaptosomes by a cyclic GMP-mediated mechanism.

Altered *bcl-2* family expression during non-genotoxic hepatocarcinogenesis in mice.

A monoclonal antibody reactive with a 40-kDa molecule on fetal thymocytes and tumor cells blocks proliferation and stimulates aggregation and apoptosis.

Attenuation of cortical neuronal apoptosis by gangliosides.

F-actin as a functional target for retro-retinoids: a potential role in anhydroretinol-triggered cell death.

Dietary restriction and 2-deoxyglucose administration improve behavioral outcome and reduce degeneration of dopaminergic neurons in models of Parkinson's disease.

Interactions of nuclear receptor coactivator/corepressor proteins with the aryl hydrocarbon receptor complex.

p27(Kip1) induction and inhibition of proliferation by the intracellular Ah receptor in developing thymus and hepatoma cells.

[Sodium arsenite selectively inducing apoptosis of G2 + M phase NB4 cells].

Biochemistry of hemlock (*Conium maculatum* L.) alkaloids and their acute and chronic toxicity in livestock. A review.

Antiproliferative and apoptosis-inducing effects of an antitumor glycoprotein from *Streptococcus pyogenes*.

Involvement of tyrosine protein kinase in IFN-gamma-induced human endothelial cell apoptosis.

Low levels of p53 are associated with resistance to tetrachlorodibenzo-p-dioxin toxicity in DBA/2 mice.

[Oxidative injury and its defense system in vivo].

Cellular disposition of sulphamethoxazole and its metabolites: implications for hypersensitivity.

Establishment of a double Philadelphia chromosome-positive acute lymphoblastic leukemia-derived cell line, TMD5: effects of cytokines and differentiation inducers on growth of the cells.

Modifications to rat lens major intrinsic protein in selenite-induced cataract.

Decrease in protein tyrosine phosphorylation is associated with F-actin reorganization by retinoic acid in human endometrial adenocarcinoma (RL95-2) cells.

Aryl hydrocarbon receptor regulation of ceramide-induced apoptosis in murine hepatoma 1c1c7 cells. A function independent of aryl hydrocarbon receptor nuclear translocator.

A 63 kDa skeletal muscle protein associated with eye muscle inflammation in Graves' disease is identified as the calcium binding protein calsequestrin.

Dual actions of the metabolic inhibitor, sodium azide on K(ATP) channel currents in the rat CRI-G1 insulinoma cell line.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters cardiovascular and craniofacial development and function in sac fry of rainbow trout (*Oncorhynchus mykiss*).

Poly(ADP ribose) polymerase cleavage precedes neuronal death in the hippocampus and cerebellum following injury to the developing rat forebrain.

Activity-dependent neurotrophic factor peptide (ADNF9) protects neurons against oxidative stress-induced death.

Bone marrow stromal cell cytochrome P4501B1 is required for pre-B cell apoptosis induced by 7,12-dimethylbenz[a]anthracene.

Herbimycin A and geldanamycin inhibit okadaic acid-induced apoptosis and p38 activation in NRK-52E renal epithelial cells.

The role of polycyclic aromatic hydrocarbon metabolism in dimethylbenz[a]anthracene-induced pre-B lymphocyte apoptosis.

CCD imaging for optical tomography of gel radiation dosimeters.

Myeloperoxidase-catalyzed redox-cycling of phenol promotes lipid peroxidation and thiol oxidation in HL-60 cells.

Effects of environmental estrogens on tumor necrosis factor alpha-mediated apoptosis in MCF-7 cells.

Eosinophil apoptosis is mediated by stimulators of cellular oxidative metabolisms and inhibited by antioxidants: involvement of a thiol-sensitive redox regulation in eosinophil cell death.

Photodynamic properties of meta-tetra(hydroxyphenyl)chlorin in human tumor cells.

Binding of salicylhydroxamic acid and several aromatic donor molecules to *Arthromyces ramosus* peroxidase, investigated by X-ray crystallography, optical difference spectroscopy, NMR relaxation, molecular dynamics, and kinetics.

Induction of negative regulators of haematopoiesis in human bone marrow cells by HLA-DR cross-linking.

Flow cytometric procedure to detect apoptosis of bovine polymorphonuclear leukocytes in blood.

Role of the outward delayed rectifier K⁺ current in ceramide-induced caspase activation and apoptosis in cultured cortical neurons.

Use of transepithelial electrical resistance in the study of pentachlorophenol toxicity.

Transforming growth factor(beta)-mediated corneal myofibroblast differentiation requires actin and fibronectin assembly.

Cortical NADH during pharmacological manipulations of the respiratory chain and spreading depression in vivo.

Characterization of cyclosporin A transport in cultured rabbit corneal epithelial cells: P-glycoprotein transport activity and binding to cyclophilin.

Heat shock protein 27 expression in human proximal tubule cells exposed to lethal and sublethal concentrations of CdCl₂.

A peptide agonist acts by occupation of a monomeric G protein-coupled receptor: dual sites of covalent attachment to domains near TM1 and TM7 of the same molecule make biologically significant domain-swapped dimerization unlikely.

Uptake of vitamin A in macrophages from physiologic transport proteins: role of retinol-binding protein and chylomicron remnants.

Characterization of glycine transport in cultured Müller glial cells from the retina.

Chondrocyte death is linked to development of a mitochondrial membrane permeability transition in the growth plate.

Cytosol-to-lysosome transport of free polymannose-type oligosaccharides. Kinetic and specificity studies using rat liver lysosomes.

Structural analysis of angiotensin IV receptor (AT4) from selected bovine tissues.

Uncouplers of oxidative phosphorylation can enhance a Fas death signal.

Molecular cloning of retinal oxidase/aldehyde oxidase cDNAs from rabbit and mouse livers and functional expression of recombinant mouse retinal oxidase cDNA in *Escherichia coli*.

The w/w+ SMART assay of *Drosophila melanogaster* detects the genotoxic effects of reactive oxygen species inducing compounds.

Four amino acid changes are associated with the *Aldh3a1* locus polymorphism in mice which may be responsible for corneal sensitivity to ultraviolet light.

Potential mechanisms of thyroid disruption in humans: interaction of organochlorine compounds with thyroid receptor, transthyretin, and thyroid-binding globulin.

Yolk PCB and plasma retinol concentrations in shag (*Phalacrocorax aristotelis*) hatchlings.

Proton and electron transfer during the reduction of molecular oxygen by fully reduced cytochrome c oxidase: a flow-flash investigation using optical multichannel detection.

Role of tyrosine phosphorylation of phospholipase C gamma1 in the signaling pathway of HMG-CoA reductase inhibitor-induced cell death of L6 myoblasts.

ECM-stimulated actin bundle formation in embryonic corneal epithelia is tyrosine phosphorylation dependent.

Stimulation of ultraviolet-induced apoptosis of human fibroblast UVR-1 cells by tyrosine kinase inhibitors.

Involvement of tyrosine phosphorylation in HMG-CoA reductase inhibitor-induced cell death in L6 myoblasts.

The human immunodeficiency virus-1 Tat protein increases cell proliferation, alters sensitivity to zinc chelator-induced apoptosis, and changes Sp1 DNA binding in HeLa cells.

Enantioselective Relieving Activity of $\hat{\pm}$ -Methylbenzylphenylureas toward Bensulfuron-methyl Injury to Rice (*Oryza sativa*).

Apoptosis of the intestinal principal cells of *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Possible involvement of a chloride-bicarbonate exchanger in apoptosis of endothelial cells and cardiomyocytes.

The lack of AHD4 induction by TCDD in corneal cells may involve tissue-specific regulatory proteins.

The lipid peroxidation product 4-hydroxynonenal impairs glutamate and glucose transport and choline acetyltransferase activity in NSC-19 motor neuron cells.

Kinetic constants for the inhibition of camel retinal acetylcholinesterase by the carbamate insecticide lannate.

DNA damaging effects of pesticides measured by the single cell gel electrophoresis assay (comet assay) and the chromosomal aberration test, in CHOK1 cells.

Mice with a homozygous null mutation for the most abundant glutathione peroxidase, Gpx1, show increased susceptibility to the oxidative stress-inducing agents paraquat and hydrogen peroxide.

From toxicological problem to therapeutic use: the discovery of the mode of action of 2-(2-nitro-4-trifluoromethylbenzoyl)-1,3-cyclohexanedione (NTBC), its toxicology and development as a drug.

Clinical experience with pendimethalin (STOMP) poisoning in Taiwan.

Apoptosis in human lung epithelial cells: triggering by paraquat and modulation by antioxidants.

Fluchloralin is cytotoxic and genotoxic and induces apoptosis in mammalian cells.

Thermally oxidized dietary fat and colon carcinogenesis in rodents.

Cytokine-mediated induction of ceramide production is redox-sensitive. Implications to proinflammatory cytokine-mediated apoptosis in demyelinating diseases.

Time-gated autofluorescence microscopy of motile green microalga in an optical trap.

Oxidative stress and hypoxia/reoxygenation trigger CD95 (APO-1/Fas) ligand expression in microglial cells.

Intrahippocampal injection of paraquat produces apoptotic cell death which is prevented by the lazaroïd U74389G, in rats.

Tyrosine kinase inhibitor effects on avian osteoclastic acid transport.

Zoxazolamine-induced paralysis in two rat substrains: differences in hepatic drug metabolism.

Heat shock proteins: protective effect and potential therapeutic use (review).

Isolation of a variant which has reduced Src activity from SH-SY5Y neuroblastoma cells.

Interactive effects of three structurally different polychlorinated biphenyls in a rat liver tumor promotion bioassay.

Epidermal Langerhans cell apoptosis is induced in vivo by nonanoic acid but not by sodium lauryl sulphate.

Nitric oxide inhibits stress-induced endothelial cell apoptosis.

Altered regulation of L-type channels by protein kinase C and protein tyrosine kinases as a pathophysiologic effect in retinal degeneration.

Activation of the Ah receptor by tryptophan and tryptophan metabolites.

Aryl hydrocarbon receptor-mediated antiestrogenicity in MCF-7 cells: modulation of hormone-induced cell cycle enzymes.

The Ah receptor is not involved in 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated apoptosis in human leukemic T cell lines.

Cyclosporin A increases resting mitochondrial membrane potential in SY5Y cells and reverses the depressed mitochondrial membrane potential of Alzheimer's disease cybrids.

Use of model-based compartmental analysis to study effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on vitamin A kinetics in rats.

Overexpression of the anti-apoptotic oncogene, bcl-2, in the thymus does not prevent thymic atrophy induced by estradiol or 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Methyl bromide: 1-year dietary study in dogs.

In utero and lactational exposure of the male rat to 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs prostate development. 2. Effects on growth and cytodifferentiation.

Effects of glucose deprivation, chemical hypoxia, and simulated ischemia on Na⁺ homeostasis in rat spinal cord astrocytes.

Determinant analysis of IgE and IgG4 antibodies and T cells specific for bovine alpha(s)1-casein from the same patients allergic to cow's milk: existence of alpha(s)1-casein-specific B cells and T cells characteristic in cow's-milk allergy.

Thymic alterations induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin are strictly dependent on aryl hydrocarbon receptor activation in hemopoietic cells.

Dual action of CD30 antigen: anti-CD30 antibody induced apoptosis and interleukin-8 secretion in Ki-1 lymphoma cells.

Flow cytometric measurement of mitochondrial mass and function: a novel method for assessing chemoresistance.

Activation of tissue-factor gene expression in breast carcinoma cells by stimulation of the RAF-ERK signaling pathway.

Epidermal growth factor protects neuronal cells in vivo and in vitro against transient forebrain ischemia- and free radical-induced injuries.

Induction of 16 α -/2-hydroxyestrone metabolite ratios in MCF-7 cells by pesticides, carcinogens, and antiestrogens does not predict mammary carcinogens.

Herbimycin A accelerates the induction of apoptosis following etoposide treatment or gamma-irradiation of bcr/abl-positive leukaemia cells.

Cellular stimulation via CD95 involves activation of phospho-inositide-3-kinase.

The 64-kilodalton eye muscle protein is the flavoprotein subunit of mitochondrial succinate dehydrogenase: the corresponding serum antibodies are good markers of an immune-mediated damage to the eye muscle in patients with Graves' hyperthyroidism.

Protein kinase C-dependent tyrosine phosphorylation of p130cas in differentiating neuroblastoma cells.

Role of protein tyrosine phosphorylation in etoposide-induced apoptosis and NF-kappa B activation.

Induction of hydrogen peroxide production and Bax expression by caspase-3(-like) proteases in tyrosine kinase inhibitor-induced apoptosis in human small cell lung carcinoma cells.

Induction of cellular processes containing collagenase and retinoid by integrin-binding to interstitial collagen in hepatic stellate cell culture.

Modulation of ovarian follicle maturation and effects on apoptotic cell death in Holtzman rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in utero and lactationally.

Alternative methods for mechanistic studies in toxicology. Screening of hepatotoxicity of pesticides using freshly isolated and primary cultured hepatocytes and non-liver-derived cells, SIRC cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin suppresses apoptosis and leads to hyperphosphorylation of p53 in rat hepatocytes.

Reactive oxygen species activate focal adhesion kinase, paxillin and p130cas tyrosine phosphorylation in endothelial cells.

Mannitol at clinical concentrations activates multiple signaling pathways and induces apoptosis in endothelial cells.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the lymphatic absorption of a single oral dose of [3H]retinol and on the intestinal retinol esterification in the rat.

Tyrosine kinase inhibitors suppress prostaglandin F₂ α -induced phosphoinositide hydrolysis, Ca²⁺ elevation and contraction in iris sphincter smooth muscle.

Hepatobiliary transport kinetics of HSR-903, a new quinolone antibacterial agent.

Level of HgCl₂-mediated phosphorylation of intracellular proteins determines death of thymic T-lymphocytes with or without DNA fragmentation.

Session 4: Application of Molecular Biology in In Vitro Toxicology.

Type I collagen influence on gene expression in UMR106-06 osteoblast-like cells is inhibited by genistein.

In vitro inhibition of thyroid hormone sulfation by hydroxylated metabolites of halogenated aromatic hydrocarbons.

Regulation of apoptosis in mouse hepatocytes and alteration of apoptosis by nongenotoxic carcinogens.

A direct interaction between the aryl hydrocarbon receptor and retinoblastoma protein. Linking dioxin signaling to the cell cycle.

Interleukin 3 prevents delayed neuronal death in the hippocampal CA1 field.

Apoptosis, reproductive failure, and oxidative stress in Chinese hamster ovary cells with compromised genomic integrity.

Stress-induced fractal rearrangement of the endothelial cell cytoskeleton causes apoptosis.

Pp125FAK is required for stretch dependent morphological response of endothelial cells.

Teratogen-induced cell death in postimplantation mouse embryos: differential tissue sensitivity and hallmarks of apoptosis.

Ultrastructural apoptotic lesions induced in rat thymocytes after borax ingestion.

Tyrosine kinase inhibitors and antioxidants modulate NF-kappaB and NOS-II induction in retinal epithelial cells.

Effect of acute-phase and heat-shock stress on apoptosis in intestinal epithelial cells (Caco-2).

Arachidonic acid metabolism in the marine fish *Stenotomus chrysops* (Scup) and the effects of cytochrome P450 1A inducers.

Injury of stromal fibroblasts induces phosphorylation of focal adhesion proteins.

Buprenorphine hydrochloride induces apoptosis in NG108-15 nerve cells.

Reactive oxygen species (ROS) generated by xanthine oxidase in the corneal epithelium and their potential participation in the damage of the corneal epithelium after prolonged use of contact lenses in rabbits.

Biological characterization of human fibroblast-derived mitogenic factors for human melanocytes.

Differential involvement of tyrosine and serine/threonine kinases in platelet integrin α IIb β 3 exposure.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters retinoic acid receptor function in human keratinocytes.

Aryl hydrocarbon receptor-associated genes in rat liver: regional coinduction of aldehyde dehydrogenase 3 and glutathione transferase Ya.

Interleukin 1 beta and tumour necrosis factor alpha inhibit acid secretion in cultured rabbit parietal cells by multiple pathways.

Oxygen consumption of the rabbit cornea.

Accumulation of ascorbate by endocrine-regulated and glucose-sensitive transport of dehydroascorbic acid in luteinized rat ovarian cells.

Inhibition of corneal metabolism of deslorelin by EDTA and ZnCl₂.

Comparative toxicology of borates.

Use of c-Src and c-Fos knockout mice for the studies on the role of c-Src kinase signaling in the expression of toxicity of TCDD.

Effect of in vivo administered 2,3,7,8-tetrachlorodibenzo-p-dioxin on DNA-binding activities of nuclear transcription factors in liver of guinea pigs.

Correlation of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced apoptotic cell death in the embryonic vasculature with embryotoxicity.

Single-dose and chronic dietary neurotoxicity screening studies on 2,4-dichlorophenoxyacetic acid in rats.

Acrolein-induced cell death in human alveolar macrophages.

Mitochondria-mediated cell injury. Symposium overview.

Do reactive oxygen species underlie the mechanism of apoptosis in the tadpole tail?

Comparative pharmacokinetics of [14C]metosulam (N-[2,6-dichloro-3-methylphenyl]-5,7-dimethoxy-1,2,4-triazolo[1,5a]-pyrimidine-2-sulfonamide) in rats, mice and dogs.

Influence of dietary selenium on the disposition of arsenate in the female B6C3F1 mouse.

Induction of glutathione depletion, p53 protein accumulation and cellular transformation by tetrachlorohydroquinone, a toxic metabolite of pentachlorophenol.

Superoxide-mediated cytotoxicity in superoxide dismutase-deficient fetal fibroblasts.

A suppressive role of p125FAK protein tyrosine kinase in hydrogen peroxide-induced apoptosis of T98G cells.

Induction and prevention of squamous transformation of bronchial epithelial cells by phenolic compounds.

Evidence that singlet oxygen-induced human T helper cell apoptosis is the basic mechanism of ultraviolet-A radiation phototherapy.

Activation induces apoptosis in Herpesvirus saimiri-transformed T cells independent of CD95 (Fas, APO-1).

Lateral hypothalamic injection of GABA(A) antagonist induces gastric vagus-mediated hypocalcemia in the rat.

Hepatic foci in rats after diethylnitrosamine initiation and 2,3,7,8-tetrachlorodibenzo-p-dioxin promotion: evaluation of a quantitative two-cell model and of CYP 1A1/1A2 as a dosimeter.

The epidemiology of soft tissue sarcoma.

Gallium nitrate optic neuropathy.

Chemopreventive and growth inhibitory effects of selenium.

Induction of apoptosis in megakaryocytic leukemia cell lines by MX2, a morpholino anthracycline.

Orthovanadate induces cell death in rat dentate gyrus primary culture.

Mitochondrial proliferation and paradoxical membrane depolarization during terminal differentiation and apoptosis in a human colon carcinoma cell line.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: effects on development of the male and female reproductive system of the mouse.

Tyrosine phosphorylation in DNA damage and cell death in hypoxic injury to LLC-PK1 cells.

CD40-triggered protein tyrosine phosphorylation on Vav and on phosphatidylinositol 3-kinase correlates with survival of the Ramos-Burkitt lymphoma B cell line.

Induction of human endothelial cell apoptosis requires both heat shock and oxidative stress responses.

Mechanism of inhibition of MDA-MB-468 breast cancer cell growth by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Tyrosine kinase signaling pathways control the expression of retinoic acid receptor-alpha in SK-BR-3 breast cancer cells.

Detection of peroxisome proliferators using a reporter construct derived from the rat acyl-CoA oxidase promoter in the rat liver cell line H-4-II-E.

Influence of maternal stress on the effects of prenatal exposure to methylmercury and arsenic on postnatal development and behavior in mice: a preliminary evaluation.

The clinical pharmacokinetics of levofloxacin.

Acute work-related poisoning by pesticides in The Netherlands; a one year follow-up study.

[Assessment of neurotoxic effects of methyl bromide in exposed workers].

Organochlorine exposure and risk for breast cancer.

Interactions of TCDD with signal transduction and neoplastic development in c-myc transgenic and TGF-alpha transgenic mice.

Low molecular weight proteins secreted by peritoneal macrophages obtained from 2,3,7,8-tetrabromodibenzo-p-dioxin-treated NMRI mice.

Oxidative and chemical stress mimic insulin by selectively inhibiting the expression of phosphoenolpyruvate carboxykinase in hepatoma cells.

Midkine, a retinoic acid-inducible heparin-binding cytokine, is a novel regulator of intracellular calcium in human neutrophils.

Heat shock induces I κ B- α and prevents stress-induced endothelial cell apoptosis.

Differential effect of hydrogen peroxide and superoxide anion on apoptosis and proliferation of vascular smooth muscle cells.

Na⁺-dependent gamma-aminobutyric acid (GABA) transport in the choroid plexus of rabbit.

A new, simple, nonradioactive, nontoxic in vitro assay to monitor corneal endothelial cell viability.

A dose-response analysis of the reproductive effects of a single gestational dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin in male Long Evans Hooded rat offspring.

Extension of long cellular processes of hepatic stellate cells cultured on extracellular type I collagen gel by microtubule assembly: observation utilizing time-lapse video-microscopy.

Endothelial cell apoptosis is accelerated by inorganic iron and heat via an oxygen radical dependent mechanism.

Aryl hydrocarbon receptor knockout mice (AHR^{-/-}) exhibit liver retinoid accumulation and reduced retinoic acid metabolism.

A selective optical chemical sensor for o-nitrophenol based on fluorescence quenching of curcumin.

Apoptotic cell death of erythrocytes in Xenopus larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Functional recovery of retina after sodium iodate injection in mice.

Effect of increasing glucose concentrations and protein phosphorylation on intercellular communication in cultured rat retinal pigment epithelial cells.

Optical observations of comet Hale-Bopp (C/1995 O1) at large heliocentric distances before perihelion.

Murine hepatic p53, RB, and CDK inhibitory protein expression following acute 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure.

Activation of the aryl hydrocarbon receptor/transcription factor and bone marrow stromal cell-dependent preB cell apoptosis.

Energy metabolism during apoptosis. Bcl-2 promotes survival in hematopoietic cells induced to apoptose by growth factor withdrawal by stabilizing a form of metabolic arrest.

Apoptosis induced by glufosinate ammonium in the neuroepithelium of developing mouse embryos in culture.

Topographic localization of calretinin, calbindin, VIP, substance P, CCK and metabotropic glutamate receptor immunoreactive neurons in the supramammillary and related areas of the rat.

Suppressive effect of a chloride bicarbonate exchanger inhibitor on staurosporine-induced apoptosis of endothelial cells.

Cross-reactions in patch testing and photopatch testing with ketoprofen, thiaprophenic acid, and cinnamic aldehyde.

Comparative subchronic studies on 2,4-dichlorophenoxyacetic acid, amine, and ester in rats.

Protoporphyrinogen oxidase: high affinity tetrahydrophthalimide radioligand for the inhibitor/herbicide-binding site in mouse liver mitochondria.

Overexpression of a Rrp1 transgene reduces the somatic mutation and recombination frequency induced by oxidative DNA damage in *Drosophila melanogaster*.

Construction of a physiologically based pharmacokinetic model for 2,4-dichlorophenoxyacetic acid dosimetry in the developing rabbit brain.

Dimethylarsinic acid causes apoptosis in HL-60 cells via interaction with glutathione.

The somatic white-ivory eye spot test does not detect the same spectrum of genotoxic events as the wing somatic mutation and recombination test in *Drosophila melanogaster*.

In vivo and in vitro analysis of *Bordetella pertussis* catalase and Fe-superoxide dismutase mutants.

The w/w+ somatic mutation and recombination test (SMART) of *Drosophila melanogaster* for detecting reactive oxygen species: characterization of 6 strains.

Hydrogen peroxide in relation to proliferation and apoptosis in BHK-21 hamster fibroblasts.

Histochemical study on xanthine oxidase activity in the normal rabbit cornea and lens and after repeated irradiation of the eye with UVB rays.

Role of catalase in retinal antioxidant defence system: its comparative study among rabbits, guinea pigs, and rats.

Enforced expression of Bcl-XS induces differentiation and sensitizes chronic myelogenous leukemia-blast crisis K562 cells to 1-beta-D-arabinofuranosylcytosine-mediated differentiation and apoptosis.

Methyl iodide poisoning: report of two cases.

Retinoic acid affects the expression rate of the differentiation-related genes aryl hydrocarbon receptor, ARNT and keratin 4 in proliferative keratinocytes only.

The beneficial effect of taurine on the prevention of human endothelial cell death.

Monoclonal antibody to single-stranded DNA is a specific and sensitive cellular marker of apoptosis.

Activation of mitogen activated protein kinase in dolichyl phosphate-induced apoptosis in U937 cells.

Implication of tyrosine kinases and protein kinase C in dimethyl sulfoxide-induced apoptosis.

Activation of physiological cell death mechanisms by a necrosis-causing agent.

Target cell-induced apoptosis of interleukin-2-activated human natural killer cells: roles of cell surface molecules and intracellular events.

Intracellular glutathione level modulates the induction of apoptosis by delta 12-prostaglandin J2.

Quantitative analysis of enzyme-altered liver foci in rats initiated with diethylnitrosamine and promoted with 2,3,7,8-tetrachlorodibenzo-p-dioxin or 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin.

The aromatic hydrocarbon receptor modulates the Hepa 1c1c7 cell cycle and differentiated state independently of dioxin.

Target-induced death by apoptosis in human lymphokine-activated natural killer cells.

Incomplete occlusion of central retinal artery in a girl with iron deficiency anemia.

Curcumin induces apoptosis in immortalized NIH 3T3 and malignant cancer cell lines.

Pesticide applicators with mixed pesticide exposure: G-banded analysis and possible relationship to non-Hodgkin's lymphoma.

Morbidity study of extruder personnel with potential exposure to brominated dioxins and furans. II. Results of clinical laboratory studies.

Herbimycin A down-regulates messages of cyclin D1 and c-myc during erythroid differentiation of K562 cells.

The heat-shock response attenuates lipopolysaccharide-mediated apoptosis in cultured sheep pulmonary artery endothelial cells.

Tyrosine kinase inhibitors and cycloheximide inhibit Li⁺ protection of cerebellar granule neurons switched to non-depolarizing medium.

Arsenite induces apoptosis in Chinese hamster ovary cells by generation of reactive oxygen species.

Serum albumin is a specific inhibitor of apoptosis in human endothelial cells.

Hormone induction of ascorbic acid transport in immature granulosa cells.

A renewable-reagent fiber-optic sensor for measurement of high acidities.

Effects of photoreceptor metabolism on interstitial and glial cell pH in bee retina: evidence of a role for NH₄⁺.

Differential regulation of mouse Ah receptor gene expression in cell lines of different tissue origins.

Preventive effect of Ginkgo biloba extract on apoptosis in rat cerebellar neuronal cells induced by hydroxyl radicals.

2,3,7,8-Tetrachlorodibenzo-p-dioxin affects retinol esterification in rat hepatic stellate cells and kidney.

Retro-retinoids in regulated cell growth and death.

Movement of carboxyfluorescein across retinal pigment epithelium-choroid.

Rapid cytotoxicity of human B lymphocytes induced by VH4-34 (VH4.21) gene-encoded monoclonal antibodies.

Developmental toxicity of inorganic arsenic in whole embryo: culture oxidation state, dose, time, and gestational age dependence.

Lyn and Fgr protein-tyrosine kinases prevent apoptosis during retinoic acid-induced granulocytic differentiation of HL-60 cells.

Mechanism of Safening Action of Dymuron and Its Two Monomethyl Analogues against Bensulfuron-methyl Injury to Rice (*Oryza sativa*).

Expression and herbimycin A-sensitive localization of pp125FAK in retinal growth cones.

Saturable transport of valproic acid in rat choroid plexus in vitro.

Cell kinetics of repair after allyl alcohol-induced liver necrosis in mice.

Diallyl disulfide induces apoptosis of human colon tumor cells.

Inhibition of protein tyrosine kinases impairs axon extension in the embryonic optic tract.

Influence of liver tumor promoters on apoptosis in rat hepatocytes induced by 2-acetylaminofluorene, ultraviolet light, or transforming growth factor beta 1.

Osteoclast demise in the rat: physiological versus degenerative cell death.

Triphenyltin acetate toxicity: a biochemical and ultrastructural study on mouse thymocytes.

Regional differences in the distribution of catalase in the epithelium of the ocular lens.

Cell adhesion to substratum and activation of tyrosine kinases are essentially required for G1/S phase transition in BALB/c 3T3 fibroblasts.

Phase Fluorometric Optical Carbon Dioxide Gas Sensor for Fermentation Off-Gas Monitoring.

Induction of apoptosis in NK cells by monocyte-derived reactive oxygen metabolites.

Involvement of wound-associated factors in rat brain astrocyte migratory response to axonal injury: in vitro simulation.

Modulation of chemical-induced lung and liver toxicity by all-trans-retinol in the male Sprague-Dawley rat.

Production of a paraquat-specific murine single chain Fv fragment.

Risk factors for occupational illnesses associated with the use of paraquat (1,1'-dimethyl-4,4'-bipyridylum dichloride) in California.

The role of free radicals in paraquat-induced corneal lesions.

Toxicity of cotoran (fluometuron) in Desert sheep.

Toward less misleading comparisons of uncertain risks: the example of aflatoxin and alar.

Fate and effects of acrolein.

Mutations associated with amyotrophic lateral sclerosis convert superoxide dismutase from an antiapoptotic gene to a proapoptotic gene: studies in yeast and neural cells.

Development of a physiologically based pharmacokinetic model for 2,4-dichlorophenoxyacetic acid dosimetry in discrete areas of the rabbit brain.

Nerve growth factor prevents apoptosis of rat peritoneal mast cells through the trk proto-oncogene receptor.

Fibroblasts isolated after fibrotic lung injury induce apoptosis of alveolar epithelial cells in vitro.

PPAR: a mediator of peroxisome proliferator action.

Ornithine decarboxylase- and ras-induced cell transformations: reversal by protein tyrosine kinase inhibitors and role of pp130CAS.

Induction of heat shock protein 72 prevents neutrophil-mediated human endothelial cell necrosis.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on anti-CD3-induced changes in T-cell subsets and cytokine production.

Photodegradation and in vitro phototoxicity of the antidiabetic drug chlorpropamide.

Role of lipopolysaccharide and tumor necrosis factor-alpha in induction of hepatocyte necrosis.

Molecular mechanism of drug photosensitization. Part 6. Photohaemolysis sensitized by tolmetin.

Health effects related to releases of hazardous substances on the Superfund priority list.

Inhibition of apoptosis during 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated tumour promotion in rat liver.

Subchronic dose-response study of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats.

Apoptosis: the in vivo mechanism which mediates spontaneous AK-5 tumor regression.

Acidification of rabbit corneal endothelium during contact lens wear in vitro.

Synthesis, topoisomerase I inhibitory activity, and in vivo evaluation of 11-azacampthecin analogs.

Variation in the expression and/or phosphorylation of the human low molecular weight stress protein during in vitro cell differentiation.

Inhibition of retinoic-acid-induced gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Hemoglobin-induced lipid peroxidation in the retina: a possible mechanism for macular degeneration.

A morphological study of liver lesions in *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) with special reference to apoptosis of hepatocytes.

Antioxidant effect of a Ginkgo biloba extract (EGb 761) on the retina.

Genotoxicity of two arsenic compounds in germ cells and somatic cells of *Drosophila melanogaster*.

Receptor-mediated toxicity.

Selective depletion of cyclin-dependent kinases is associated with Fas-mediated apoptosis in human leukemia T-cell lines.

Kinetics of plasma membrane and mitochondrial alterations in cells undergoing apoptosis.

Evaluation of the significance of polyamines and their oxidases in the aetiology of human cervical carcinoma.

Biotransformation of all-trans-retinol and all-trans-retinal to all-trans-retinoic acid in rat conceptual homogenates.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces diverse retinoic acid metabolites in multiple tissues of the Sprague-Dawley rat.

Lymphocyte adhesive interactions with lacrimal gland acinar epithelial cells in primary culture.

Mechanisms of nucleobase transport in rabbit choroid plexus. Evidence for a Na(+)-dependent nucleobase transporter with broad substrate selectivity.

Type II collagen is a major component of bovine retinal microvessel extracellular matrix.

Changes associated with tyrosine phosphorylation during short-term hypoxia in retinal microvascular endothelial cells in vitro.

Dopamine-induced programmed cell death in mouse thymocytes.

Enhanced phosphorylation of nuclear 21-kDa and 34-kDa proteins in hepatoma cell death induced by tumor-necrosis factor-alpha.

Effects of protein tyrosine kinase inhibitors with different modes of action on topoisomerase activity and death of IL-2-dependent CTLL-2 cells.

Dual effect of lipid peroxidation on the membrane order of retinal cells in culture.

Integrin-dependent tyrosine phosphorylation in corneal fibroblasts.

Inhibition of tumor necrosis factor alpha- and ceramide-induced internucleosomal DNA fragmentation by herbimycin A in U937 cells.

Cyclic GMP contact points within the 63-kDa subunit and a 240-kDa associated protein of retinal rod cGMP-activated channels.

Functional role of GABA in cat retina: II. Effects of GABAA antagonists.

The effect of N-ethylmaleimide on the Na(+)-dependent nucleoside transporter (N3) in rabbit choroid plexus.

A novel type of cell death of lymphocytes induced by a monoclonal antibody without participation of complement.

A lifetime-based optical CO₂ gas sensor with blue or red excitation and stokes or anti-stokes detection.

The interactions between retinol and five different hepatotoxicants in the Swiss Webster mouse.

Analysis of interactions between the corneal epithelium and liposomes: qualitative and quantitative fluorescence studies of a corneal epithelial cell line.

Chronic UVB- and all-trans retinoic-acid-induced qualitative and quantitative changes in hairless mouse skin.

The differentiation-related upregulation of aryl hydrocarbon receptor transcript levels is suppressed by retinoic acid.

Identification of essential lysyl and cysteinyl residues, and the amino acid sequence at the substrate-binding site of retinal oxidase.

Transformation by v-erb-B - induction of apoptosis is abrogated in a myeloid cell-line.

Expression of xenobiotic-metabolizing enzymes in cultured rat tracheal epithelial cells.

Hydrogen peroxide induces microvilli on human retinal pigment epithelial cells in culture.

Induction of age pigment accumulation in the brain cells of young male rats through iron-injection into the cerebrospinal fluid.

Atypical apoptotic cell death induced in L929 targets by exposure to tumor necrosis factor.

Receptor-induced death in human natural killer cells: involvement of CD16.

Interactive effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and retinoids on proliferation and differentiation in cultured human keratinocytes: quantification of cross-linked envelope formation.

Statistical variability: what does it mean in risk assessment?

Evaluation of ocular health among alachlor manufacturing workers.

[Allergic diseases caused by pesticides: 3 case reports].

Dose-response assessment of airborne methyl isothiocyanate (MITC) following a metam sodium spill.

Effects of paraquat on survival and total cholinesterase activity in fry of *Cnesterodon decemmaculatus* (Pisces, Poeciliidae).

Assessment of oxidative stress to eye in animal model for cataract.

Pharmacokinetic modeling of 2,4-dichlorophenoxyacetic acid (2,4-D) in rat and in rabbit brain following single dose administration.

Concomitant increases in galectin-1 and its glycoconjugate ligands (carcinoembryonic antigen, lamp-1, and lamp-2) in cultured human colon carcinoma cells by sodium butyrate.

Evidence for involvement of tyrosine phosphorylation in taxol-induced apoptosis in a human ovarian tumor cell line.

Time course of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced thymic atrophy in the Wistar rat.

Detection of apoptosis in leukemic and breast cancer cells with monoclonal antibody to single-stranded DNA.

Partial demasculinization and feminization of sex behavior in male rats by in utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin is not associated with alterations in estrogen receptor binding or volumes of sexually differentiated brain nuclei.

Toxic potency of 3,3',4,4',5-pentachlorobiphenyl relative to and in combination with 2,3,7,8-tetrachlorodibenzo-p-dioxin in a subchronic feeding study in the rat.

Surveillance for emergency events involving hazardous substances--United States, 1990-1992.

Interaction of 2,3,7,8-tetrachlorodibenzo-p-dioxin and retinoic acid in MCF-7 human breast cancer cells.

Chloracne. Some recent issues.

Toxic potency of 2,3,3',4,4',5-hexachlorobiphenyl relative to and in combination with 2,3,7,8-tetrachlorodibenzo-p-dioxin in a subchronic feeding study in the rat.

Apoptosis and chemical carcinogenesis.

Enalapril reduces collagen type IV synthesis and expansion of the interstitium in the obstructed rat kidney.

Dexamethasone, beta-estradiol, and 2,3,7,8-tetrachlorodibenzo-p-dioxin elicit thymic atrophy through different cellular targets.

Radiopacity study of extended-release formulations using digitalized radiography.

Molecular mechanism of drug photosensitization. 5. Photohemolysis sensitized by Suprofen.

Identification of heat shock proteins binding to an immunodominant uveitopathogenic peptide of IRBP.

Inhibition of pro-cholecystokinin (CCK) sulfation by treatment with sodium chlorate alters its processing and decreases cellular content and secretion of CCK 8.

Heat shock glycoprotein GP50: product of the retinoic acid-inducible J6 gene.

Reversal agent inhibition of the multidrug resistance pump in human leukemic lymphoblasts.

Surveillance of hazardous substance releases and related health effects.

The hr locus and the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in newborn mice.

Peri- and postnatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: effects on physiological development, reflexes, locomotor activity and learning behaviour in Wistar rats.

Mechanisms of chemical injury of thyroid gland.

β -carotene and retinoids in eggs of Great Blue Herons (*Ardea herodias*) in relation to St Lawrence River contamination.

Induction in vitro of 72-kD heat shock protein in a continuous culture of rat thyroid cells, FRTL5.

Laboratory results for selected target organs in 138 individuals occupationally exposed to TCDD.

Heat shock-induced cell death in murine microvascular endothelial cells depends on priming with tumor necrosis factor-alpha or interferon-gamma.

T cell receptor-induced Fas ligand expression in cytotoxic T lymphocyte clones is blocked by protein tyrosine kinase inhibitors and cyclosporin A.

Iron-induced fluorescence in the retina: dependence on vitamin A.

The photoproduction of superoxide radicals and the superoxide dismutase activity of Photosystem II. The possible involvement of cytochrome b559.

Effects of retinoic acid on the 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced differentiation of in vitro cultured human keratinocytes.

Thiol reducing agents modulate induced apoptosis in porcine endothelial cells.

Oxidative stress-induced apoptosis prevented by Trolox.

Development of an optical formaldehyde sensor based on the use of immobilized pararosaniline.

Identification of beta-galactosidase activity in purified bovine retinal rod outer segments.

Probing the retinol-binding site of bovine beta-lactoglobulin.

Photolabeling of mitochondrial F1-H+ATPase by 2-azido[3H]ADP and 8-azido[3H]ADP entrapped as fluorometal complexes into the catalytic sites of the enzyme.

Astrocytic glycogenolysis energizes memory processes in neonate chicks.

Simple determination of retinol, alpha-tocopherol and carotenoids (lutein, all-trans-lycopene, alpha- and beta-carotenes) in human plasma by isocratic liquid chromatography.

A simple method for screening assessment of skin and eye irritation.

In vitro and in vivo transport of zidovudine (AZT) across the blood-brain barrier and the effect of transport inhibitors.

Acidification of phagosomes and degradation of rod outer segments in rat retinal pigment epithelium.

Dietary and environmental estrogens and antiestrogens and their possible role in human disease.

Transport of 2,4,5-trichlorophenoxyacetic acid across the blood-cerebrospinal fluid barrier of the rabbit.

Paraquat causes chronic ocular surface toxicity.

Immunohistochemical localization of paraquat in skin and eye of rat.

Production of monoclonal antibodies against diquat and its enzyme-linked immunosorbent assay.

Effects on thyroid hormone metabolism and depletion of lung vitamin A in rats by airborne particulate matter.

Community exposure to a paraquat drift.

Ocular injury caused by Preeglox-L, a herbicide containing paraquat, diquat and surfactants.

Paraquat-induced lung injury: prevention by vasoactive intestinal peptide and related peptide helodermin.

Photobleaching of mono-L-aspartyl chlorin e6 (NPe6): a candidate sensitizer for the photodynamic therapy of tumors.

Ascorbic acid uptake by isolated rat hepatocytes. Stimulatory effect of diquat, a redox cycling compound.

Metabolism of N-[4-chloro-2-fluoro-5-[(1-methyl-2-propynyl)oxy]phenyl]-3,4,5,6-tetrahydrophthalimide (S-23121) in the rat. II. Absorption, disposition, excretion and biotransformation.

Pentachlorophenol (PCP) inhibits ion transport in the isolated toad cornea.

Metabolism of N-[4-chloro-2-fluoro-5-[(1-methyl-2-propynyl)oxy]phenyl]-3,4,5,6-tetrahydrophthalimide (S-23121) in the rat: I. Identification of a new, sulphonic acid type of conjugate.

Nitro blue tetrazolium staining: a morphological demonstration of superoxide in the rat retina.

Lack of stereoselectivity in rat liver peroxisomal enzyme induction by optically active phenoxyacetic acids.

Photolability and photohemolytic studies of fibrates.

In vitro phototoxicity of clofibrate. Photochemical and photohemolytic studies on its metabolite clofibric acid.

Chicken ovalbumin upstream promoter transcription factor (COUP-TF) binds to a peroxisome proliferator-responsive element and antagonizes peroxisome proliferator-mediated signaling.

Phototoxicity of lumidoxycycline.

Gastric vagus mediates immobilization-induced hypocalcemia in rats.

Thyroxine binding in a TTR Met 119 kindred.

Tumors produced in rats with a single dosage of 1,2-dimethylhydrazine.

The role of oxidative metabolism in hexachlorobenzene-induced porphyria and thyroid hormone homeostasis: a comparison with pentachlorobenzene in a 13-week feeding study.

Molecular mechanism of drug photosensitization. 4. Photohemolysis sensitized by carprofen.

Additional endpoints and overview of a mouse skeletal variant assay for detecting exposure to teratogens.

Skin dendritic cell-lymphocyte interactions in autologous system.

Assessment of vitamin A status in pregnant women as reflected by in vitro destruction of vitamin A by hemolysates and urinary ammonium nitrogen to creatinine ratio.

In vivo response of the rat's retinal pigment epithelium to azide at advanced stages of hereditary retinal dystrophy.

Amino acid sequence surrounding the retinal-binding site in retinochrome of the squid, *Todarodes pacificus*.

Luminescence of Ca(2+)-activated photoprotein obelin initiated by NaOCl and MnCl₂.

Iron-induced accumulation of lipofuscin-like fluorescent pigment in the retinal pigment epithelium.

Antigenic determinants of human serum retinol binding protein as probed with monoclonal antibodies.

Apoptosis in splenic B lymphocytes. Regulation by protein kinase C and IL-4.

Ascorbic acid accumulation and transport in human fibroblasts.

Histopathologic approaches to chemical toxicity using primary cultures of dissociated neural cells grown in chamber slides.

Somatic embryogenesis and plant regeneration from callus cultures of chickpea (*Cicer arietinum* L.).

Isolated human and rabbit eye: Models of corneal toxicity.

Gap junctions in ovarian follicles of *Drosophila melanogaster*: inhibition and promotion of dye-coupling between oocyte and follicle cells.

Activation with superantigens induces programmed death in antigen-primed CD4⁺ class II⁺ major histocompatibility complex T lymphocytes via a CD11a/CD18-dependent mechanism.

Characterization of L-thyroxine transport into hepatocytes isolated from juvenile rainbow trout (*Oncorhynchus mykiss*).

Characterization of vitamin A potentiation of carbon tetrachloride-induced liver injury.

Movement of fluorescein and its glucuronide across retinal pigment epithelium-choroid.

Uptake of glycyrrhizin by isolated rat hepatocytes.

A temperature dependent action of fluoride on aqueous outflow facility of the calf eye.

In vivo response of the rat's retinal pigment epithelium to azide: changes induced by light damage.

Electrical responses of the rat's retinal pigment epithelium to azide and thiocyanate.

Effects of various chemical compounds on spontaneous and hydrogen peroxide-induced reversion in strain TA104 of *Salmonella typhimurium*.

Subacute toxicity of paraquat in beagle dogs: clinicopathology and pathologic examinations.

Morphological changes on nerves and histopathological effects on liver and kidney of rats by pentachlorophenol (PCP).

Antioxidant and anticataractogenic effects of topical captopril in diquat-induced cataract in rabbits.

X-ray studies on phospholipid bilayers. XII. Interactions of pentachlorophenol with myelin.

Opposite effects of enantiomers of clofibrilic acid derivative on rat skeletal muscle chloride conductance: antagonism studies and theoretical modeling of two different receptor site interactions.

Effects of eating an uncooked vegetable diet for 1 week.

Alkaline chemical keratitis: eye injury from airbags.

Hematopoietic cytokines inhibit apoptosis induced by transforming growth factor beta 1 and cancer chemotherapy compounds in myeloid leukemic cells.

A Danish kindred with familial amyloid cardiomyopathy revisited: identification of a mutant transthyretin-methionine111 variant in serum from patients and carriers.

[Differentiation therapy of hematologic malignancies: principles, current status and perspectives].

Effects on retinal adhesive force in vivo of metabolically active agents in the subretinal space.

Pesticides and other agricultural risk factors for non-Hodgkin's lymphoma among men in Iowa and Minnesota.

Chemicals trophic for the thymus: risk for immunodeficiency and autoimmunity.

Embryonic palatal responses to teratogens in serum-free organ culture.

Heme oxygenase: expression in human retina and modulation by stress agents in a human retinoblastoma cell model system.

The heat shock response: potential to screen teratogens.

Clinical and cytologic aspects of ocular late-phase reaction in the guinea pig.

Fragmented DNA and apoptotic bodies document the programmed way of cell death in hybridoma cultures.

Secretion of thioredoxin by normal and neoplastic cells through a leaderless secretory pathway.

Effect of inorganic phosphate on hypoxanthine transport in isolated brain microvessels.

Kinetic properties of the bovine corneal aldehyde dehydrogenase (BCP 54).

Ionizing radiation stimulates unidentified tyrosine-specific protein kinases in human B-lymphocyte precursors, triggering apoptosis and clonogenic cell death.

Localization of peroxidase activity in the retina and the retinal pigment epithelium of the Syrian golden hamster (*Mesocricetus auratus*).

Quantitative light microscopic demonstration of increased pallidal and striatal met5-enkephalin-like immunoreactivity in rats following chronic treatment with haloperidol but not with clozapine: implications for the pathogenesis of neuroleptic-induced movement disorders.

Lipid peroxidation in rod outer segments. Role of hydroxyl radical and lipid hydroperoxides.

Sodium-dependent nucleoside transport in choroid plexus from rabbit. Evidence for a single transporter for purine and pyrimidine nucleosides.

Mitochondrial superoxide dismutase in mature and developing human retinal pigment epithelium.

Photodynamic effects of chloroaluminum phthalocyanine tetrasulfonate are mediated by singlet oxygen: in vivo and in vitro studies utilizing hepatic microsomes as a model membrane source.

Purification and localization of brain-type creatine kinase in sodium chloride transporting epithelia of the spiny dogfish, *Squalus acanthias*.

[Comparison of the effectiveness of Milkofix, a preservative preparation, with traditional preservative agents in the determination of somatic cell count in milk samples using a fluoro-optic-electronic method].

Uptake of organic anions by isolated rat hepatocytes. A classification in terms of ATP-dependency.

[The effect of osmotic pressure on oligomycin-sensitive ATPase activity and the liberation of Mg^{2+} from liver mitochondria of rats of various ages].

Synthesis of cell-impermeable Cl-sensitive fluorescent indicators with improved sensitivity and optical properties.

Certain tryptophan photoproducts are inhibitors of cytochrome P450-dependent mutagenicity.

[Production of monoclonal antibody against diquat and its application for forensic medicine].

Desferal-Mn(III) in the therapy of diquat-induced cataract in rabbit.

Acrolein genotoxicity in *Drosophila melanogaster*. I. Somatic and germinal mutagenesis under proficient repair conditions.

Oxy radicals in the eye tissues of rabbits after diquat in vivo.

Free radical enhancer xenobiotic is an inducer of cataract in rabbit.

Catalase activity in cultured human retinal pigment epithelial cells.

Optically detected magnetic resonance study of the interaction of an arsenic(III) derivative of cacodylic acid with EcoRI methyl transferase.

Diamine uptake by rat lung type II cells in vitro.

Hydrogen peroxide effects on ionic and non-ionic permeability of the rabbit corneal endothelium.

Mechanism for enterohepatic injury caused by circulatory disturbance of hepatic vessels in the rat.

Molecular mechanism of drug photosensitization. Part 3. Photohemolysis sensitized by diflunisal.

The issues of transport multiplicity and energetics pertaining to methotrexate efflux in L1210 cells addressed by an analysis of cis and trans effects of inhibitors.

Stimulation by Bt2cAMP of epidermal mucous metaplasia in retinol-pretreated chick embryonic cultured skin, and its inhibition by herbimycin A, an inhibitor for protein-tyrosine kinase.

Mechanisms of cell death.

Tear volume in early and late phases of ocular anaphylaxis in guinea pigs.

Structure-function studies of S-antigen: use of proteases to reveal a dominant uveitogenic site.

Conversion of retinol to retinal by rat liver microsomes.

Characterization of the cellular binding domain and the effects of monoclonal antibodies and thrombin inhibitors on the binding and internalization of the antithrombin-III--thrombin complex by cultured cells.

Involvement of singlet oxygen in chloroaluminum phthalocyanine tetrasulfonate-mediated photoenhancement of lipid peroxidation in rat epidermal microsomes.

Interactions of halogenated industrial chemicals with transthyretin and effects on thyroid hormone levels in vivo.

Effect of arsenicals on biliary excretion of endogenous glutathione and xenobiotics with glutathione-dependent hepatobiliary transport.

Effect of experimental ocular hypertension on macrovacuolation in Schlemm's canal endothelial cells of monkey eyes.

Distribution of chloride ion in intercellular space of retinal pigment epithelium--effects of various agents.

Hexose uptake in primary cultures of bovine brain microvessel endothelial cells. I. Basic characteristics and effects of D-glucose and insulin.

Ultraviolet photoproducts of tryptophan can act as dioxin agonists.

The liver, kidney, and thyroid toxicity of chlorinated benzenes.

Active transport of ascorbic acid across the retinal pigment epithelium of the bullfrog.

Potassium-evoked responses from the retinal pigment epithelium of the toad *Bufo marinus*.

Effect of hepatotoxic chemicals and hypoxia on hepatic nonparenchymal cells: impairment of phagocytosis by Kupffer cells and disruption of the endothelium in rat livers perfused with colloidal carbon.

Effects of hydrogen peroxide-induced oxidative damage on outflow facility and washout in pig eyes.

Inhibitory effects of substance P and carbachol on the saturable sodium-dependent uptake process of myo-inositol in rat parotid gland.

Retinoic acid receptor belongs to a subclass of nuclear receptors that do not form "docking" complexes with hsp90.

[Analysis of transport of fluorescein across the isolated retinal pigment epithelium-choroid using an ussing type chamber].

Sublethal and acute toxicity of the ethylene glycol butyl ether ester formulation of triclopyr to juvenile coho salmon (*Oncorhynchus kisutch*).

Summary of safety evaluation toxicity studies of glufosinate ammonium.

Glutathione disulfide as index of oxidant stress in rat liver during hypoxia.

Hypergastrinemia is associated with decreased gastric acid secretion in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

TCDD-induced altered expression of growth factors may have a role in producing cleft palate and enhancing the incidence of clefts after coadministration of retinoic acid and TCDD.

The effect of TCDD on acyl CoA:retinol acyltransferase activity and vitamin A accumulation in the kidney of male Sprague-Dawley rats.

Confirmation by peptide sequence and co-expression on various cell types of the identity of CD44 and P85 glycoprotein.

Fibril in senile systemic amyloidosis is derived from normal transthyretin.

Risk factors for squamous cell carcinoma of the skin in Saskatchewan, Canada.

Cytosolic-nuclear tumor promoter-specific binding protein (CN-TPBP) in human promyelocytic leukemia cells HL-60.

Studies on specific serological antigens in metacercariae and juveniles of *Paragonimus westermani* and its monoclonal antibodies.

Ibuprofen, a putative anti-cataract drug, protects the lens against cyanate and galactose.

Urinary levels of proteins and metabolites in workers exposed to toluene. A cross-sectional study.

Cytotoxicity of lymphokine-activated killer cells against human neuroblastoma cells: modulation by neuroblast differentiation.

A new perspective of S-antigen from immunochemical analysis.

Optical emission spectrometry and laser-induced fluorescence of laser produced sample plumes.

[On the standardization of new chemical risk evaluation with eye irritation test].

Protein kinase A phosphorylates retinal phosducin on serine 73 in situ.

Contact site between inner and outer mitochondrial membrane: a dynamic microcompartment for creatine kinase activity.

Monoclonal antibody studies of the antigenic determinants of human plasma retinol-binding protein.

Physiologic neutralization mechanisms and the response of the corneal endothelium to hydrogen peroxide.

Interaction of chlorinated phenols with thyroxine binding sites of human transthyretin, albumin and thyroid binding globulin.

A comparative investigation of the metabolism of methyl bromide and methyl iodide in human erythrocytes.

Metabolic inhibitors reversibly alter the basal membrane potential of the gecko retinal pigment epithelium.

Characteristics of apical Cl-HCO₃ exchanger of bicarbonate-secreting cells in turtle bladder.

Effect of PO₂ and metabolic inhibitors on ionic fluxes across the isolated rabbit corneal endothelium.

Multiple, spatially distinct T cell epitopes within a pathogenic 123 residue cyanogen bromide peptide of bovine retinal s-antigen.

Acute health effects of community exposure to cotton defoliant.

[Photoallergic dermatitis caused by the herbicide phenmedipham].

Acute vapour inhalation toxicity of acrolein and its influence as a trace contaminant in 2-methoxy-3,4-dihydro-2H-pyran.

[Characteristics of the development of cataract models against a background of poisoning].

Effects of three pesticides on MSX-induced ammonia photoproduction by the cyanobacterium *Nostoc linckia*.

Characterization of four herbicide-resistant mutants of *Rhodospirillum rubrum* by genetic analysis, electron paramagnetic resonance, and optical spectroscopy.

Chromatographic approaches to the quality control of chiral propionate anti-inflammatory drugs and herbicides.

Influence of hydrogen peroxide on adenine uptake by iris, ciliary epithelium and corneal endothelium.

A highly potent antiangiogenic activity of retinoids.

Identification of T cell recognition sites in S-antigen: dissociation of proliferative and pathogenic sites.

Effect of tetrachlorodibenzo-p-dioxin (TCDD) on the glucuronidation of retinoic acid in the rat.

Molecular mechanism of drug photosensitization--II. Photohemolysis sensitized by ketoprofen.

Hexose transport in human myoblasts.

Type II collagen defects in the chondrodysplasias. I. Spondyloepiphyseal dysplasias.

Retinoid receptor antisense DNAs inhibit alkaline phosphatase induction and clonogenicity in malignant keratinocytes.

Cellular alterations and enhanced induction of cleft palate after coadministration of retinoic acid and TCDD.

Simplified method for screening populations at risk for transthyretin Met30-associated familial amyloidotic polyneuropathy.

Retinoic acid and 2,3,7,8-tetrachlorodibenzo-p-dioxin selectively enhance teratogenesis in C57BL/6N mice.

Molecular mechanism of naproxen photosensitization in red blood cells.

Modulation of 3-methylcholanthrene toxicity in cultured neoplastic keratinocytes by glucocorticoids and retinoids is not accounted for by macromolecular adduct formation.

Separation methods for the study of collagen and treatment of collagen disorders.

Cyanide and arsenic poisoning by intravenous injection.

Serum-free culture of insulin-secreting clonal cells from a hamster insulinoma.

Oxygen free radicals and corneal endothelium.

The effect of oxidants on biomembranes and cellular metabolism.

Gas chromatography-based method for assigning the configurations of allylic and benzylic alcohols and for determining their optical purities.

Modification of leucine transport across bovine pigment epithelium by metabolic stress.

Marked alterations in retinoid homeostasis of Sprague-Dawley rats induced by a single i.p. dose of 10 micrograms/kg of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Micro-scission of YAC tumor cells during antibody-dependent cellular cytotoxicity mediated by human neutrophils.

Selection of antibody epitopes in an immunopathogenic neural autoantigen.

Analysis of vertebrate eye movements following intravitreal drug injections. III. Spontaneous nystagmus is modulated by the GABA_A receptor.

Pinpointing the sites of hydroxylysine glycosides in peptide alpha 1-CB7 of bovine corneal collagen, and their possible role in determining fibril diameter and thus transparency.

Transport of cefodizime, a novel third generation cephalosporin antibiotic, in isolated rat choroid plexus.

Effects of 2,4-dinitrophenol and anoxia on the inorganic-pyrophosphate content of the spadix of *Arum maculatum* and the root apices of *Pisum sativum*.

Effects of DIDS on the chick retinal pigment epithelium. II. Mechanism of the light peak and other responses originating at the basal membrane.

Interactions of rutaecarpine alkaloids with specific binding sites for 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver.

The isolation, characterization, and lipid-aggregating properties of a citrulline containing myelin basic protein.

Interaction of aromatic donor molecules with lactoperoxidase probed by optical difference spectra.

Effects of vitamin A and its analogs on nonenzymatic lipid peroxidation in rat brain mitochondria.

Interphotoreceptor retinoid-binding protein. Gene characterization, protein repeat structure, and its evolution.

[The microsurgical treatment of penetrating wounds of the cornea with the use of collagenous materials].

Spectroscopic studies of cutaneous photosensitizing agents--XIII. pH dependence of the photochemistry of photoallergens bithionol and fentichlor: an electron spin resonance study of the free radical photoproducts.

Identification of the main immunogenic region of retinal S-antigen: subordinate influence of MHC, IGH, species or strain differences on the specificity of the antibody response.

2,4-Dichlorophenoxyacetic acid intoxication increases its accumulation within the brain.

Genotoxicity of a variety of hydrazine derivatives in the hepatocyte primary culture/DNA repair test using rat and mouse hepatocytes.

pH homeostasis in promyelocytic leukemic HL60 cells.

Residue level determination of the aquatic herbicide fluridone and a potential photoproduct (N-methylformamide) in water.

Familial amyloidotic polyneuropathy: transthyretin (prealbumin) variants in kindreds of Italian origin.

Neuronal cell differentiation of human neuroblastoma cells by retinoic acid plus herbimycin A.

[Acute reversible cataract due to nitrocompounds in Japanese quail (*Coturnix coturnix japonica*)].

Synthetic peptides derived from IRBP induce EAU and EAP in Lewis rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and polycyclic aromatic hydrocarbons suppress retinoid-induced tissue transglutaminase in SCC-4 cultured human squamous carcinoma cells.

Cyanogen bromide fragments of bovine interphotoreceptor retinoid-binding protein induce experimental autoimmune uveoretinitis in Lewis rats.

Photoaffinity analogues of methotrexate as folate antagonist binding probes.

Partial amino acid sequence analysis and variable subgroup determination (VH and VL) of a monoclonal rheumatoid factor derived from a rheumatoid arthritis patient.

Uptake of technetium 99m hepatobiliary imaging agents by cultured rat hepatocytes.

Epitope mapping of bovine retinal S-antigen with monoclonal antibodies.

Local interactions favor the native 8-residue disulfide loop in the oxidation of a fragment corresponding to the sequence Ser-50-Met-79 derived from bovine pancreatic ribonuclease A.

Mapping of the nucleotide-binding sites in the ADP/ATP carrier of beef heart mitochondria by photolabeling with 2-azido[alpha-32P]adenosine diphosphate.

Immunological characterization of thioltransferase from pig liver.

Photophysiology and phytochrome content of long-hypocotyl mutant and wild-type cucumber seedlings.

Initial observations of rabbit retinal pigment epithelium-choroid-sclera preparations.

Transport of digoxin into brain microvessels and choroid plexuses isolated from guinea pig.

Effects of flavonoids on nonenzymatic lipid peroxidation: structure-activity relationship.

Preparation of overlapping peptides of bovine retinal S-antigen and their localization by immunoblotting with peptide-specific antibodies.

Assignment of several epitopes to cyanogen bromide peptides of bovine retinal S-antigen by immunoblotting with peptide-specific antibodies.

Effect of glutamate on extracellular potassium activity in isolated retina of cyprinid fish.

Microfilament modification by dihydrocytochalasin B causes retinoic acid-modulated chondrocytes to reexpress the differentiated collagen phenotype without a change in shape.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes an increase in protein kinases associated with epidermal growth factor receptor in the hepatic plasma membrane.

Glutamate-induced K⁺ flux in the photoreceptor layer of isolated retina of cyprinid fish: possible consequences for second-order neurones.

Analysis of antigenic determinants of retinal S-antigen with monoclonal antibodies.

Effects of 2,4,5-trichlorophenoxyacetic acid and quinolinic acid on 5-hydroxy-3-indoleacetic acid transport by the rabbit choroid plexus: pharmacology and electron microscopic cytochemistry.

Dose-mortality responses of crawfish and mosquitoes to selected pesticides.

Lung fibrosis induced by diquat after intratracheal administration.

3-amino-triazole effects on the eye of young and adult rabbits in the presence and absence of hydrogen peroxide.

Thyrotropin-releasing hormone (TRH): immunohistochemical distribution in tadpole and frog brain.

Irritation and sensitization potential of pesticides.

Photoaffinity analogues of methotrexate as folate antagonist binding probes. 1. Photoaffinity labeling of murine L1210 dihydrofolate reductase and amino acid sequence of the binding region.

Increased thromboplastic potential in diabetes: a multifactorial phenomenon.

Colony size, cell density and nature of the tumor promoter are critical variables in expression of a transformed phenotype (focus formation) in co-cultures of UV-TDTx and C3H10T1/2 cells.

Antigenicity and uveitogenicity of partially purified peptides of a retinal autoantigen, S-antigen.

Fengabine, a novel antidepressant GABAergic agent. I. Activity in models for antidepressant drugs and psychopharmacological profile.

Identification of a uveitogenic cyanogen bromide peptide of bovine retinal S-antigen and preparation of a uveitogenic, peptide-specific T cell line.

Evaluation of a program to overcome vitamin A and iron deficiencies in areas of poverty in Minas Gerais, Brazil.

Phototoxic potential of afloqualone, a quinazolinone derivative, as determined by photosensitized inactivation of bacteriophage.

Mapping of nucleotide-depleted mitochondrial F1-ATPase with 2-azido-[alpha-32P]adenosine diphosphate. Evidence for two nucleotide binding sites in the beta subunit.

Neural mechanisms mediating the hyperthermia elicited by prostaglandin E2 injected into the preoptic-anterior hypothalamus.

The Mr 24,000 phosphoprotein from developing bone is the NH2-terminal propeptide of the alpha 1 chain of type I collagen.

Primary and secondary structure of bovine retinal S antigen (48-kDa protein).

[Emotional behavior disorders in rats during the formation of a generator of pathologically enhanced excitation in the basomedial nuclei of the amygdaloid complex].

Purification and characterization of rabbit ocular mucin.

Transport of benzylpenicillin by the rat choroid plexus in vitro.

Optical detection of triplet-state magnetic resonance studies on individual tryptophan residues of serum albumin: correlation between phosphorescence and zero-field splittings.

The purification and characterization of glutathione S-transferase from the hepatopancreas of the blue crab, *Callinectes sapidus*.

Regulation by cell metabolism and adenine nucleotides of a K channel in insulin-secreting B cells (RIN m5F).

Heat Shock May Relieve a Posttranscriptional Block on β Crystallin Synthesis in Cultures of Chick Embryo Neuroretinal Cells: (neural retina/transdifferentiation/posttranscriptional control/ β crystallin/heat shock).

Ultrastructure of the choroid plexus epithelium of pigeons treated with drugs: I. Effect of Thyradin, 2,4-dinitrophenol, and cycloheximide.

Regulation of amino acid influx and efflux at the basolateral plasma membrane of the salivary gland epithelium: effects of parasympathetic nerve stimulation.

Ca-stimulated Mg dependent ATPase activity in a plasma membrane enriched fraction of bovine corneal epithelium.

Mechanisms of azide induced increases in the c-wave and standing potential of the intact cat eye.

Synthesis of the trypsin fragment 10-25/75-88 of mouse nerve growth factor. I. The protected tetradecapeptide 75-88.

The supply of metabolic substrate from glia to photoreceptors in the retina of the honeybee drone.

Dome formation in cell cultures of chick embryo retinal pigment epithelium and effects of ouabain and 2,4-dinitrophenol thereon.

Na⁺-linked active transport of ascorbate into cultured bovine retinal pigment epithelial cells: heterologous inhibition by glucose.

Physiological, anatomic and behavioural changes in the respiratory system of *Salmo gairdneri* Rich. On acute and chronic exposure to chlorothalonil.

The complete amino acid sequence of human serum retinol-binding protein.

Chloracne from pentachlorophenol-preserved wood.

Acrolein and embryogenesis: an experimental study.

Kinetics of sulfation in the rat in vivo and in the perfused rat liver.

Combined light and electron microscope immunocytochemical localization of scattered peptidergic neurons in the central nervous system.

S-antigen: identification of the MAbA9-C6 monoclonal antibody binding site and the uveitopathogenic sites.

Lipid peroxidative potency of photosensitized thiazide diuretics.

Neurobehavioral evaluation of soil and structural fumigators using methyl bromide and sulfuryl fluoride.

Characterization of a transthyretin (prealbumin) variant associated with familial amyloidotic polyneuropathy type II (Indiana/Swiss).

The effects of nonadecafluoro-n-decanoic acid on serum retinol and hepatic retinyl palmitate hydrolase activity in male Sprague-Dawley rats.

Calmodulin antagonists inhibit dihydropyridine calcium channel activator (BAY-K-8644) induced cGMP synthesis in pituitary tumor cells.

S-antigen-specific rat T cell lines recognize peptide fragments of S-antigen and mediate experimental autoimmune uveoretinitis and pinealitis.

[Methyl bromide poisoning].

Syntheses and effects of [Glu34]-thymopoietin II fragment 32-45 and its analogs on the impaired T-cell transformation in a patient with common variable immunodeficiency.

Suppression of B cell differentiation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The effects of dim cyclic light on pigment epithelial function in the albino rat.

Synergistic neurotoxicity of carbon tetrachloride/carbon disulfide (80/20 fumigants) and other pesticides in grain storage workers.

Transport of cimetidine by the rat choroid plexus in vitro.

Kinetics of ascorbate transport by cultured retinal capillary pericytes. Inhibition by glucose.

Semisynthesis of the native sequence of horse heart cytochrome c-(66-104)-nonatriacontapeptide.

Characterization of immunologically active cyanogen bromide peptide fragments of bovine and human retinal S-antigen.

Contraluminal transport of small aliphatic carboxylates in the proximal tubule of the rat kidney in situ.

Ascorbate transport in cultured cat retinal pigment epithelial cells.

Binding of a metabolite of 3,4,3',4'-tetrachlorobiphenyl to transthyretin reduces serum vitamin A transport by inhibiting the formation of the protein complex carrying both retinol and thyroxin.

A critical examination of assumptions used in risk assessments of dioxin contaminated soil.

Transglutaminase modification of rhodopsin in retinal rod outer segment disk membranes.

Cyclic GMP phosphodiesterase from cattle retina. Amino acid sequence of the gamma-subunit and nucleotide sequence of the corresponding cDNA.

Teratogenicity of bifenoxy and nitrofen in rodents.

Facilitated glucose transport across the retinal pigment epithelium of the bullfrog (*Rana catesbeiana*).

Coordinate regulation of type IX and type II collagen synthesis during growth of chick chondrocytes in retinoic acid or 5-bromo-2'-deoxyuridine.

Hepatocellular uptake of oleate is energy dependent, sodium linked, and inhibited by an antibody to a hepatocyte plasma membrane fatty acid binding protein.

Isolation and characterization of type VIII collagen synthesized by cultured rabbit corneal endothelial cells. A conventional structure replaces the interrupted-helix model.

Type VI collagen is a major component of the human cornea.

The complete amino acid sequence of the cellular retinoic acid-binding protein from bovine retina.

Uncoupling effects of 2,4-dinitrophenol on electron transfer reactions and cell bioenergetics in rat brain in situ.

Homology and diversity between intermediate filament proteins of neuronal and nonneuronal origin in goldfish optic nerve.

Enzyme release from the perfused rat heart. The functions of the cytoskeleton under cell-pathological conditions.

Effect of antioxidants on mutagenesis induced by DMBA in human cells.

Congenital glaucoma and retinal dysplasia.

A critical review of the literature on acrolein toxicity.

Physicochemical and immunological studies of the renatured alpha 1(II) chains and isolated cyanogen bromide peptides of type II collagen.

Gastric damage from ingested acid in children.

Mutagenic effects of some water-soluble metal compounds in a somatic eye-color test system in *Drosophila melanogaster*.

Methyl bromide optic atrophy.

Identification of carriers of a variant plasma prealbumin (transthyretin) associated with familial amyloidotic polyneuropathy type I.

Inhibition of mitochondrial aldehyde dehydrogenase and acetaldehyde oxidation by the glutathione-depleting agents diethylmaleate and phorone.

Amino acid sequence of the calcium-dependent photoprotein aequorin.

Effect of hematoporphyrin derivative on rabbit corneal endothelial cell function and ultrastructure.

Transport of 2-deoxy-D-glucose by dissociated brain cells.

Photopic c-wave in the chicken ERG: sensitivity to sodium azide, epinephrine, sodium iodate, barbiturates, and other general anesthetics.

Central thyrotropin-releasing hormone elicits systemic hypoglycemia in mice.

Analysis of the binding of a hemopoietic growth factor, P-cell-stimulating factor, to a cell surface receptor using quantitative absorption of bioactivity.

Uptake of glucose analogues into cultured cerebral microvessel endothelium.

Screening for eye irritancy using cultured HeLa cells.

The amino-acid sequence of beta-lactoglobulin II from horse colostrum (*Equus caballus*, Perissodactyla): beta-lactoglobulins are retinol-binding proteins.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the uptake, distribution and excretion of a single oral dose of [¹¹C, ¹²C]-retinyl acetate and on the vitamin A status in the rat.

The primary structure of rat liver cellular retinol-binding protein.

The primary structure of bovine cellular retinoic acid-binding protein.

Type I collagen synthesis by corneal endothelial cells modulated by polymorphonuclear leukocytes.

Characterization of hog thyroid peroxidase.

Stress Protein and Crystallin Synthesis During Heat Shock and Transdifferentiation of Embryonic Chick Neural Retina Cells: (chicken/retina/transdifferentiation/heat shock).

[Secretin and pancreatic secretion in iron absorption].

Pharmacological study on the effects of some ocular hypotensive drugs on aqueous humor formation in the arterially perfused enucleated rabbit eye.

The carbohydrate of bovine interstitial retinol-binding protein.

Complete amino acid sequence of gamma-subunit of the GTP-binding protein from cattle retina.

Acute and environmental toxicity studies with hexazinone.

Acute diquat intoxication. Interest of its repeated determination in urine and the evaluation of renal proximal tubule integrity.

The effect of quenching agents on contact urticaria caused by cinnamic aldehyde.

Organ and cellular distribution of inhaled metallic mercury in the rat and Marmoset monkey (*Callithrix jacchus*): influence of ethyl alcohol pretreatment.

Biliary excretion of glutathione and glutathione disulfide in the rat. Regulation and response to oxidative stress.

Effects of a herbicide on the peroxide metabolism enzymes and lipid peroxidation in carp fish (*Hypophthalmichthys molitrix*).

Induction of ornithine decarboxylase and augmentation of tyrosine aminotransferase activity by N-hydroxy-2-acetylaminofluorene and 2-acetylaminofluorene in rat liver. Influence of sex, retinylacetate, indomethacin, and pentachlorophenol.

Central versus peripheral sites of antipyretic action of a non-steroidal anti-inflammatory agent, AD-1590, in rabbits.

Synergistic effects of antigen and soluble T-cell factors in B-lymphocyte activation.

Amyloid fibril protein in familial amyloidotic polyneuropathy, Portuguese type. Definition of molecular abnormality in transthyretin (prealbumin).

Benoxaprofen photosensitization of cell membrane disruption.

Comparison between the effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and six other compounds on the vitamin A storage, the UDP-glucuronosyltransferase and the aryl hydrocarbon hydroxylase activity in the rat liver.

Improved optical detection of colony enlargement and drug cytotoxicity in primary soft agar cultures of human solid tumour cells.

Lipid peroxidation and retinal degeneration.

Molecular mechanism of cataractogenesis: III. Toxic metabolites of oxygen as initiators of lipid peroxidation and cataract.

Family studies of the genetic abnormality in transthyretin (prealbumin) in Portuguese patients with familial amyloidotic polyneuropathy.

Effects of in vivo-administered 2,3,7,8-tetrachlorodibenzo-p-dioxin on receptor binding of epidermal growth factor in the hepatic plasma membrane of rat, guinea pig, mouse, and hamster.

Replacing the Mixed Function Oxidase N-Demethylation by Hydrogen Peroxide and either Hemoglobin or Ferrous Sulfate.

Preparation, isolation, and immunochemical studies of the cyanogen bromide peptides from a retinal photoreceptor cell autoantigen, S-antigen.

Sustained Photoproduction of Ammonia from Dinitrogen and Water by the Nitrogen-Fixing Cyanobacterium *Anabaena* sp. Strain ATCC 33047.

Effects of BHA, d-alpha-tocopherol and retinol acetate on TCDD-mediated changes in lipid peroxidation, glutathione peroxidase activity and survival.

Overproduction of a gastrointestinal hormone, secretin, in *Escherichia coli* cells and its chemical characterization.

Effects of cyclic AMP on fluid absorption and ion transport across frog retinal pigment epithelium. Measurements in the open-circuit state.

Retinal migration during dark reduction of bacteriorhodopsin.

Optical activity and conformation of beta-bungarotoxin in solution.

[Effect of sodium cyanide and 2,4-dinitrophenol on the electroretinogram of the isolated frog retina].

Sequence variability in the retinal-attachment domain of mammalian rhodopsins.

A goniometrical study of mitochondrial cristae in rat heart muscle and ependyma of the choroid plexus after application 2,4-DNP in vivo.

Effects of lipid peroxidation on the isolated rat retina.

[Pharmacological sensitivity of the photopic c-wave in the electroretinogram of the chicken. I. Effects of sodium azide, adrenaline, and a barbiturate].

Uptake and release of [3H]-serotonin in photophores of the midshipman fish, *Porichthys notatus*.

Nitrofen: a review and perspective.

The effects on rat pups when nitrofen (4-(2,4-dichlorophenoxy)nitrobenzene) was applied dermally to the dam during organogenesis.

Positive correlation between superoxide dismutase and resistance to paraquat toxicity in the green alga *Chlorella sorokiniana*.

[A case of retinal degeneration in a man exposed to organophosphorus pesticides].

[Prognostic factors in acute paraquat poisoning. A retrospective study of cases registered by the Poison Control Center of Paris in 1981].

Postnatal evaluation of morphological and functional effects of prenatal exposure to nitrofen in the Long-Evans rat.

Diphenyl ether herbicides: mutagenic metabolites and photoproducts of nitrofen.

Morphological and biochemical studies on liver, kidney and gill of fishes affected by pesticides.

Effect of increasing carbon chain length on organic acid transport by the choroid plexus: a potential factor in Reye's syndrome.

Saturable accumulation of the anionic herbicide, 2,4-dichlorophenoxyacetic acid (2,4-D), by rabbit choroid plexus: early developmental origin and interaction with salicylates.

Whole body and liver distribution of inhaled mercury vapor in the mouse: influence of ethanol and aminotriazole pretreatment.

[Study of lipid peroxidation in experimental retinal degeneration].

Identification of collagens synthesized by cultures of normal human corneal and keratoconus stromal cells.

Optical isomers of 2,3-dimercapto-1-propanesulfonate: antidotal activity, in vitro and in vivo, against sodium arsenite.

Presence of an abnormal transthyretin (prealbumin) in Portuguese patients with familial amyloidotic polyneuropathy.

The toxic effect of some industrial chemicals on rabbit ileum in vitro compared with eye irritancy in vivo.

A monoclonal antibody with ability to distinguish between NH₂-terminal fragments derived from fibrinogen and fibrin.

Inhalation of products of combustion.

Pyridine nucleotides of rabbit cornea with histotoxic anoxia: chemical analysis, non-invasive fluorometry and physiological correlates.

Vitamin A (retinol) status in the Gunn rat. The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

HPLC determination of chloramphenicol degradation in eye drops.

Phosphatidylinositol synthesis and phosphorylation are enhanced by light in rat retinas.

Purification of pregnancy-specific beta 1-glycoprotein with a monoclonal antibody immunoadsorbent.

Optical methods for monitoring temperature in spectrophotometric analysers.

Toxicity of rubber chemicals towards three-day chicken embryos.

[Effect of selenium-containing compounds on the electrical activity of the isolated guinea pig retina during induced lipid peroxidation].

Effect of retinol and retinoic acid on P/O ratios of coupled mitochondria.

Age-related changes in the composition of proteins in the trabecular meshwork of the human eye.

Hexose transport in microvascular endothelial cells cultured from bovine retina.

Taurine biosynthesis in frog retina: effects of light and dark adaptations.

Pentachlorophenol, an assessment of the occupational hazard.

Ca²⁺ and calmodulin antagonists inhibit the proton gradients associated with non-cyclic and cyclic photophosphorylation in spinach chloroplasts.

A qualitative study of the melanins from blue and brown human eyes.

Microbial degradation of thidiazuron and its photoproduct.

Sequence analysis of a growth hormone releasing factor from a human pancreatic islet tumor.

Comparisons of highly purified hepatic microsomal cytochromes P-450 from Holtzman and Long-Evans rats.

Accumulation of peptide Tyr-D-Ala-Gly by choroid plexus during ventriculocisternal perfusion of rat brain.

Transport of 3-O-methylglucose in isolated rat retinal pigment epithelial cells.

2-¹⁴C-1-Allyl-3,5-diethyl-6-chlorouracil I: Synthesis, absorption in human skin, excretion, distribution, and metabolism in rats and rabbits.

Structural and immunological characterization of type IV collagen isolated from chicken tissues.

Structure-activity relationships of a pigment-dispersing crustacean neurohormone.

Immunohistochemical localization of thyrotropin-releasing hormone in the rat hypothalamus and pituitary.

The primary structure of leucine aminopeptidase from bovine eye lens.

Basement membrane collagen synthesis by rabbit corneal endothelial cells in culture. Evidence for an alpha chain derived from a larger biosynthetic precursor.

Thermodynamic analysis of active sodium and potassium transport in the frog corneal epithelium.

Collagens from the skin and cartilage of the larval salamander *Ambystoma tigrinum*.

Comparison of collagen types in adult and fetal bovine corneas.

Human corneal stroma contains three distinct collagens.

Fluid transport across retinal pigment epithelium is inhibited by cyclic AMP.

Active transport of nicotine by the isolated choroid plexus in vitro.

Image analysis of electron micrographs of ATPase (Coupling Factor TF1) from thermophilic bacteria and luminal epithelium of mouse urinary bladder.

Choroid plexus transport of 2,4-dichlorophenoxyacetic acid: interaction with the organic acid carrier.

Methanol poisoning and formate oxidation in nitrous oxide-treated rats.

Therapeutic drug assays with gas-liquid chromatography and optical detection.

An IgM-secreting cell line derived from the mouse plasmacytoma 104E expresses a different VH gene.

[The presence of an albino ERG in the pigmented rat: genetic implications (author's transl)].

Hexose transport in normal and SV40-transformed human endothelial cells in culture.

Cell surface labeling of embryonic neural retina cells exposed to low temperature, energy inhibitors, cytochalasin B and colchicin.

[Effect of changes in intracellular calcium concentration on the response of isolated frog retina photoreceptors].

Topography of rhodopsin in retinal rod outer segment disk membranes. Photochemical labeling with 1-azidopyrene.

Transport of 2-deoxy-D-[3H]glucose in microvessels isolated from bovine cerebral cortex.

Accumulation of anionic pesticides by rabbit choroid plexus in vitro.

[Gramoxon ocular burns].

Affinity of ferredoxin for electrons from water and the regulation of cyclic photophosphorylation.

Cyclic photophosphorylation reactions catalyzed by ferredoxin, methyl viologen and anthraquinone sulfonate. Use of photochemical reactions to optimize redox poisoning.

Effects of pentachlorophenol and 2,4,6-trichlorophenol on the disposition of sulfobromophthalein and respiration of isolated liver cells.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the hepatic storage of retinol in rats with different dietary supplies of vitamin A (retinol).

Consideration of the possible carcinogenicity of some pesticides.

Retinoids inhibit 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced activity of benzo[a]pyrene metabolizing enzymes in human diploid fibroblasts.

Synthesis of type III collagen by fibroblasts from the embryonic chick cornea.

Procollagen and collagen produced by normal bovine corneal stroma fibroblasts in cell culture.

Ultrastructure of choroid plexus of the rat brain after 2,4-dinitrophenol treatment.

The uptake of 3-deoxy-3-fluoro-D-glucose by synaptosomes from rat brain cortex.

Effects of dietary vitamin A (retinol) on the reduction of hepatic retinol storage caused by 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin.

EC collagen: biosynthesis by corneal endothelial cells and separation from type IV without pepsin treatment or denaturation.

Occupational exposures to pesticides containing organoarsenicals in California.

A clinical survey of paraquat formulation workers.

Toxic substances and cell membrane function.

Review of the toxicology of paraquat (1,1'-dimethyl-4,4'-bipyridinium chloride).

Role of AMP in photophosphorylation by spinach chloroplasts.

[Study of the kinetics of chlorophyll photosensitized dye reduction by photopolarography].

[Cresol burns in the eye (author's transl)].

Vitamin A (retinol) status in the rat after a single oral dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Skin responses to ultraviolet radiation in contact photodermatitis due to fentichlor.

Dansylation of bacteriorhodopsin near the retinal attachment site.

Bovine type I collagen: A study of cross-linking in various mature tissues.

Partial amino acid sequence of human plasma retinol-binding protein. Isolation and alignment of the five cyanogen bromide fragments and the amino acid sequences of four of the fragments.

The primary structure of the human retinol-binding protein.

Quantitative analysis of the collagens in the bovine cornea.

An improved silver stain for developing nervous tissue.

Ultrastructural correlates of luminescence in Porichthys photophores. II. Effects of metabolic inhibitors.

Collagen crosslinking: isolation of a dimeric crosslinked peptide of alpha1-CB6 from bovine corneal and scleral collagens.

Hexose transport and phosphorylation by capillaries isolated from rat brain.

Superoxide dismutase of the eye: relative functions of superoxide dismutase and catalase in protecting the ocular lens from oxidative damage.

Assessment of the contribution of chemical species to the eye irritation potential of photochemical smog.

Repeated exposure to acrolein vapour: subacute studies in hamsters, rats and rabbits.

[Role of pyruvate kinase in non-specific changes of carbon photosynthetic metabolism, caused by the photophosphorylation inhibition].

Alteration of sensitivity and time scale in invertebrate photoreceptors exposed to anoxia, dinitrophenol, and carbon dioxide.

Nonsecreting myeloma variants with heavy-chain carbohydrate deficiencies.

[Methyl bromide, ethylene oxide and ethylene formaldehyde: biological and toxicological problems and problems related to treatment of library materials].

The interaction of caerulein with the rat pancreas. 2. Specific binding of [3H]caerulein on dispersed acinar cells.

Calcium-induced conformational changes in a cyanogen bromide fragment of troponin C that contains one of the binding sites.

Isolated microvessels: the blood-brain barrier in vitro.

The organization of tissues of the eye by different collagen types.

Embryonic neural retina collagen: in vitro synthesis of high molecular weight forms of type II plus a new genetic type.

Isolation and hydroxylysine glycoside content of some cyanogen bromide-cleaved fragments of collagen from bovine corneal stroma.

Isolation and partial identification of a crosslinked peptide from bovine corneal collagen.

Partial characterization of human collagen and procollagen secreted by human corneal stromal fibroblasts in cell culture.

Bile secretion and liver cell heterogeneity in the rat.

Effect of Ca^{2+} , Mg^{2+} , NaN_3 , cholinergic agents, and gastrointestinal hormones on the guanylate cyclase from guinea pig gastric mucosa.

Sensory irritation to formaldehyde and acrolein during single and repeated exposures in mice.

Role of oxygen in ferredoxin-catalyzed cyclic photophosphorylations.

The importance of reducing conditions for the inhibitory action of DBMIB⁺, antimycin A and EDAC⁺ on cyclic photophosphorylation.

[Relation of the growth of *Anabaena variabilis* cyanophages to photosynthesis and respiration].

Regulation of hydrogen peroxide in eye humors. Effect of 3-amino-1H-1,2,4-triazole on catalase and glutathione peroxidase of rabbit eye.

Pathways of silicomolybdate photoreduction and associated photophosphorylation in tobacco chloroplasts.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on plasma disappearance and biliary excretion of foreign compounds in rats.

Photophosphorylation Associated with Photosystem II: III. Characterization of Uncoupling, Energy Transfer Inhibition, and Proton Uptake Reactions Associated with Photosystem II Cyclic Photophosphorylation.

Effect of anticonvulsants on the uptake of 5-methyltetrahydrofolic acid by the choroid plexus in rabbits.

The influence of 3,4-dihydroxyphenylacetic acid on the accumulation of 5-hydroxyindoleacetic acid in the choroid plexus and kidney cortex slices of rats.

Metabolism of Oat Leaves during Senescence: V. Senescence in Light.

Accumulation of taurine by cultured retinal pigment epithelium of the rat.

Synthesis of two collagen types by embryonic chick corneal epithelium in vitro.

Irritating effects on man of air pollution due to cigarette smoke.

[Air pollution and irritations due to cigarette smoke].

The use of deuterated analogs in qualitative and quantitative investigations of the metabolism of cyclophosphamide (NSC-26271).

Effect of paraquat (methyl viologen) on liver function in mice.

Studies on optically active pesticides, I synthesis and herbicidal activity of d(+) and l(-) methyl-2-chloro-3-(4-chlorophenyl)-propionate.

Photosystem II - mediated cyclic photophosphorylation.

Rates and properties of endogenous cyclic photophosphorylation of isolated intact chloroplasts measured by CO₂ fixation in the presence of dihydroxyacetone phosphate.

The deleterious effects of fungicides and herbicides on *Xenopus laevis* embryos.

[On the chloranilic acid reaction (RAC) proposed by Closs (author's transl)].

Cell-free synthesis of a large translation product of prolactin messenger RNA.

Antidiuretic peptide in mammalian choroid plexus.

Synthesis of type II collagen in vitro by embryonic chick neural retina tissue.

Excretion of sulfobromophthalein in rats with iodomethane-induced depletion of hepatic glutathione.

Use of preformed cell aggregates and layers to measure tissue-specific differences in intercellular adhesion.

Irritant dermatitis from diallylglycol carbonate monomer in the optical industry: clinical and experimental studies of cutaneous tolerance and chemical investigations.

Renal handling of phenol red. II. The mechanism of substituted phenolsulphophthalein (PSP) dye transport in rabbit kidney tubules in vitro.

Transport of organic cations and anions by choroid plexus.

The search for the structure of fibrinogen.

Eye hazards in rural communities.

Synthesis and herbicidal activity of N,N-diethyl-2-(1-naphthoxy) propionamide and its optical isomers.

Occurrence of trifluralin and its photoproducts in air.

Gas-liquid chromatographic determination of sencor (metribuzin) and its major metabolites and photoproduct.

Uptake of sorbitol by chick embryo heart cells at various stages of development.

Chemical synthesis of N beta-oxalyl-L-alpha, beta-diaminopropionic acid and optical specificity in its neurotoxic action.

Microperoxisomes in retinal pigment epithelium.

Interaction of a chick skin collagen fragment (alpha1-CB5) with human platelets. Biochemical studies during the aggregation and release reaction.

The roles of bile salts in the uptake of beta-carotene and retinol by rat everted gut sacs.

The transport of gentamicin in the choroid plexus and cerebrospinal fluid.

Structural and functional studies of ligandin, a major renal organic anion-binding protein.

Effects of modifiers on the optical properties of oxidized cholesterol model membranes.

Haploid callus and regeneration of plants from anthers of *Digitalis purpurea* L.

[Syndrome of ophthalmological manifestations caused by a generalized intoxication with defoliant and herbicides].

The dependence of photophosphorylation in chloroplasts on Δ pH and external pH.

Photophosphorylation not coupled to DCMU-insensitive photosystem II oxygen evolution.

Native and artificial energy-conserving sites in cyclic photophosphorylation systems.

Lipophilicity and catalysis of photophosphorylation. Artificial proton translocation by lipophilic, quinoid hydrogen carriers in chloroplasts and liposomes.

Studies on the energy coupling sites of photophosphorylation. IV. The relation of proton fluxes to the electron transport and ATP formation associated with photosystem II.

Photophosphorylation and the 518 NM absorbance change in tightly coupled chloroplasts.

[Physiological role of cyclic photophosphorylation (author's transl)].

Electroencephalography during acute poisoning by methyl bromide.

Purification of large crosslinked peptides from insoluble calf bone and skin collagens by hydroxyapatite chromatography.

The secretion of alkali metal ions by the perfused cat pancreas as influenced by the composition and osmolality of the external environment and by inhibitors of metabolism and Na⁺, K⁺-ATPase activity.

Rhythmic potassium flux in albizzia: effect of aminophylline, cations, and inhibitors of respiration and protein synthesis.

Structure of the porcine vasoactive intestinal octacosapeptide. The amino-acid sequence. Use of kallikrein in its determination.

Sicklepod Surface Wax Response to Photoperiod and S-(2,3-Dichloroallyl)diisopropylthiocarbamate (Diallate).

Table 2A-10 – Titles of Pubmed Records Related to Ear Adverse Events Following Herbicide Exposure

ACOUSTIC NEUROMA; *AUDI*; *DEAF*; *DIZZINESS*; *EUSTACHIAN TUBE DYSFUNCTION*;
HEARING LOSS; *HYPERACUSIS*; *LABYRINTHITIS*; *MENIERE*; *OTITIS*; *SENSORINEURAL
HEARING LOSS*; *TINNITUS*; *VERTIGO*; *VESTIBULAR*; * EAR *; EAR (358)

Acrolein suppresses anticancer drug-induced toxicity mediated by activating claudin-1 and Nrf2 axis in a spheroid model of human lung squamous cell carcinoma cells.

The exposure in ovo to glyphosate on the integrity of intestinal epithelial tight junctions of chicks.

Early and transitory hypoactivity and olfactory alterations after chronic atrazine exposure in female Sprague-Dawley rats.

Inactivation of microglia dampens blood-brain barrier permeability and loss of dopaminergic neurons in paraquat-lesioned mice.

Dietary glutathione supplementation attenuates oxidative stress and improves intestinal barrier in diquat-treated weaned piglets.

Assessing farmer's exposure to pesticides and the risk for non-communicable diseases: A biomonitoring study.

Early functional analysis on the pulmonary hemodynamic effects of Transamniotic Stem Cell Therapy (TRASCET) in the nitrofen model of congenital diaphragmatic hernia.

Management of Acute Ferrous Sulfate Poisoning Using Activated Charcoal Monotherapy: A Case Report.

Plant-derived squalene supplementation improves growth performance and alleviates acute oxidative stress-induced growth retardation and intestinal damage in piglets.

Evaluation of arsenic metabolism and tight junction injury after exposure to arsenite and monomethylarsonous acid using a rat in vitro blood-Brain barrier model.

Gut Microbiota and Its Role in the Brain-Gut-Kidney Axis in Hypertension.

Early-Life Exposure to Paraquat Aggravates Sex-Specific and Progressive Abnormal Non-Motor Neurobehavior in Aged Mice.

Priority screening of contaminants of emerging concern in drinking water sources of eastern China: Assessing risks based on exposure-activity ratios (EARs).

Occupational accidents involving pesticides notified by SINAN.

Prevention of DSS-induced colitis in mice with water kefir microbiota via anti-inflammatory and microbiota-balancing activity.

Iron-rich *Candida utilis* improves intestinal health in weanling piglets.

Exposure to the persistent organic pollutant 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD, dioxin) disrupts development of the zebrafish inner ear.

Stevioside Improves Antioxidant Capacity and Intestinal Barrier Function while Attenuating Inflammation and Apoptosis by Regulating the NF- κ B/MAPK Pathways in Diquat-Induced Oxidative Stress of IPEC-J2 Cells.

Exposure to the persistent organic pollutant 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD, dioxin) disrupts development of the zebrafish inner ear.

Absorption and Transport Mechanism of Red Meat-Derived N-glycolylneuraminic Acid and Its Damage to Intestinal Barrier Function through the NF- κ B Signaling Pathway.

Mulberry leaf extract improves intestinal barrier function and displays beneficial effects on colonic microbiota and microbial metabolism in weaned piglets.

Risk Assessment of Pesticide Residues by GC-MSMS and UPLC-MSMS in Edible Vegetables.

Pesticides and farmers' health: an analysis of variables related to management and property.

Long-term exposure to polyethylene microplastics and glyphosate interferes with the behavior, intestinal microbial homeostasis, and metabolites of the common carp (*Cyprinus carpio* L.).

Acute diquat poisoning causes rhabdomyolysis.

FARGO-360: a multi-disciplinary survey of practice and perspectives on provision of care for patients with frailty presenting with gynecological cancers in the UK and Ireland.

Onset of efficacy and adverse events during Cenobamate titration period.

Efficacy of cenobamate by focal seizure subtypes: Post-hoc analysis of a phase 3, multicenter, open-label study.

Flavoring agent dihydrocoumarin alleviates IgE-mediated mast cell activation and allergic inflammation.

Early life organophosphate ester exposures and bone health at age 12 years: The Health Outcomes and Measures of the Environment (HOME) Study.

Sodium acetate/sodium butyrate alleviates lipopolysaccharide-induced diarrhea in mice via regulating the gut microbiota, inflammatory cytokines, antioxidant levels, and NLRP3/Caspase-1 signaling.

Acidifiers Attenuate Diquat-Induced Oxidative Stress and Inflammatory Responses by Regulating NF- κ B/MAPK/COX-2 Pathways in IPEC-J2 Cells.

Influence of Plant Growth Regulators on Glandular Trichome Density and Steviol Glycosides Accumulation in *Stevia rebaudiana*.

Experimental evaluation of biological regeneration of arable soil: The effects of grass-clover leys and arbuscular mycorrhizal inoculants on wheat growth, yield, and shoot pathology.

Protective Effects of Resveratrol and Apigenin Dietary Supplementation on Serum Antioxidative Parameters and mRNAs Expression in the Small Intestines of Diquat-Challenged Pullets.

Efficacy and safety of adjunctive cenobamate: Post-hoc analysis of study C017 in patients grouped by mechanism of action of concomitant antiseizure medications.

Plant-Derived Molecule 4-Methylumbelliferone Suppresses Fc γ RI-Mediated Mast Cell Activation and Allergic Inflammation.

Degradation of 2,6-dichlorophenol by *Trichoderma longibraciatum* Isolated from an industrial Soil Sample in Dammam, Saudi Arabia.

Chlorogenic Acid Attenuates Oxidative Stress-Induced Intestinal Mucosa Disruption in Weaned Pigs.

Farmers' Knowledge, Attitudes, and Perceptions Regarding Carcinogenic Pesticides in Fez Meknes Region (Morocco).

Negative impacts of microcystin-LR and glyphosate on zebrafish intestine: Linked with gut microbiota and microRNAs?

Earthworm casts restrained the accumulation and phytotoxicity of soil glyphosate to cowpea (*Vigna unguiculata* (L.) Walp.) plants.

Kaempferol attenuates diquat-induced oxidative damage and apoptosis in intestinal porcine epithelial cells.

Roles of Bak and Sirt3 in Paraquat-Induced Cochlear Hair Cell Damage.

Tank mixture of glyphosate and 2,4-D applied on RR \hat{A} [®] maize crop.

Resveratrol protects intestinal integrity, alleviates intestinal inflammation and oxidative stress by modulating AhR/Nrf2 pathways in weaned piglets challenged with diquat.

Low Doses of Glyphosate/Roundup Alter Blood-Testis Barrier Integrity in Juvenile Rats.

Efficacy of cenobamate for uncontrolled focal seizures: Post hoc analysis of a Phase 3, multicenter, open-label study.

Post hoc analysis of a phase 3, multicenter, open-label study of cenobamate for treatment of uncontrolled focal seizures: Effects of dose adjustments of concomitant antiseizure medications.

Effects of prebiotic oligofructose-enriched inulin on gut-derived uremic toxins and disease progression in rats with adenine-induced chronic kidney disease.

Long-term safety of adjunctive cenobamate in patients with uncontrolled focal seizures: Open-label extension of a randomized clinical study.

Is Cenobamate the Breakthrough We Have Been Wishing for?

Efficacy and safety of cenobamate in patients with uncontrolled focal seizures: A meta-analysis.

Pharmacology of Cenobamate: Mechanism of Action, Pharmacokinetics, Drug-Drug Interactions and Tolerability.

Kindlin-3 and RASSF6 are probable biomarkers for predicting metastasis in cutaneous melanoma.

Earthworms accelerated the degradation of the highly toxic acetochlor S-enantiomer by stimulating soil microbiota in repeatedly treated soils.

Analysis of the Soil Fumigant, Dimethyl Disulfide, in Swine Blood by Dynamic Headspace Gas Chromatography-Mass Spectroscopy.

Environmental Pollution, Oxidative Stress and Thioretinaco Ozonide: Effects of Glyphosate, Fluoride and Electromagnetic Fields on Mitochondrial Dysfunction in Carcinogenesis, Atherogenesis and Aging.

Effects of a mixture of low doses of atrazine and benzo[a]pyrene on the rat seminiferous epithelium either during or after the establishment of the blood-testis barrier in the rat seminiferous tubule culture model.

In vitro effects of glyphosate and Roundup on Sertoli cell physiology.

Toxic effects of glyphosate on intestinal morphology, antioxidant capacity and barrier function in weaned piglets.

Early Postnatal Exposure to Paraquat and Maneb in Mice Increases Nigrostriatal Dopaminergic Susceptibility to a Re-challenge with the Same Pesticides at Adulthood: Implications for Parkinson's Disease.

[Effects of acute paraquat poisoning on cognitive ability in humans].

Biogenic selenium nanoparticles synthesized by *Lactobacillus casei* ATCC 393 alleviate diquat-induced intestinal barrier dysfunction in C57BL/6 mice through their antioxidant activity.

Epigenetic effects of low-level sodium arsenite exposure on human liver HepaRG cells.

Cenobamate for the treatment of focal epilepsies.

Serum concentrations of pesticides including organophosphates, pyrethroids and neonicotinoids in a population with osteoarthritis in Saudi Arabia.

Randomized phase 2 study of adjunctive cenobamate in patients with uncontrolled focal seizures.

Cenobamate (YKP3089) as adjunctive treatment for uncontrolled focal seizures in a large, phase 3, multicenter, open-label safety study.

Eckol from *Ecklonia cava* Suppresses Immunoglobulin E-mediated Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice.

COVID-19: Hygiene and Public Health to the front.

Tagetnoic acid, a new lipoxygenase inhibitor peroxy fatty acid from *Tagetes minuta* growing in Saudi Arabia.

[The use of retinoids to stimulate the regenerative process in trepanation cavity after "open" sanitizing surgery on the middle ear].

Early Development of Direct Embryos in the Cultured Anthers of *Manihot esculenta* Crantz.

Taurine Alleviates Intestinal Injury by Mediating Tight Junction Barriers in Diquat-Challenged Piglet Models.

Gut neurotoxin p-cresol induces differential expression of GLUN2B and GLUN2A subunits of the NMDA receptor in the hippocampus and nucleus accumbens in healthy and audiogenic seizure-prone rats.

Early Neurotoxic Effects of Inorganic Arsenic Modulate Cortical GSH Levels Associated With the Activation of the Nrf2 and NF- κ B Pathways, Expression of Amino Acid Transporters and NMDA Receptors and the Production of Hydrogen Sulfide.

[High frequency hearing among rural workers exposed to pesticides].

Prenatal exposure to the herbicide 2,4-D is associated with deficits in auditory processing during infancy.

Use of Pesticides and Health Risk among Farmers in Sunsari District, Nepal.

Paraquat affects the differentiation of neural stem cells and impairs the function of vascular endothelial cells: a study of molecular mechanism.

Dietary Tributyrin Attenuates Intestinal Inflammation, Enhances Mitochondrial Function, and Induces Mitophagy in Piglets Challenged with Diquat.

Claudins, VEGF, Nrf2, Keap1, and Nonspecific Airway Hyper-Reactivity Are Increased in Mice Co-Exposed to Allergen and Acrolein.

Resveratrol improves intestinal barrier function, alleviates mitochondrial dysfunction and induces mitophagy in diquat challenged piglets(1).

In vitro activity of carvacrol, cinnamaldehyde and thymol combined with antifungals against *Malassezia pachydermatis*.

Photobiomodulation therapy reduces acute pain and inflammation in mice.

Antimicrobial effects of cinnamon essential oil and cinnamaldehyde combined with EDTA against canine otitis externa pathogens.

Anti-inflammatory effect of trans-4-methoxycinnamaldehyde from *Etilingera pavieana* in LPS-stimulated macrophages mediated through inactivation of NF- κ B and JNK/c-Jun signaling pathways and in rat models of acute inflammation.

Epidemic of Chronic Kidney Disease of Nontraditional Etiology in El Salvador: Integrated Health Sector Action and South-South Cooperation.

An assessment for diagnostic and therapeutic modalities for management of pediatric Iron deficiency Anemia in Saudi Arabia: a cross-sectional study.

Suppression of the photoparoxysmal response in photosensitive epilepsy with cenobamate (YKP3089).

Prenatal dioxin exposure and neuropsychological functioning in the Seveso Second Generation Health Study.

Crizotinib-induced erosive esophagitis in a pediatric patient with neuroblastoma.

Hearing screening and cholinesterase activity among rural workers exposed to pesticides.

Dietary Supplementation With Citrus Extract Altered the Intestinal Microbiota and Microbial Metabolite Profiles and Enhanced the Mucosal Immune Homeostasis in Yellow-Feathered Broilers.

Tannic acid modulates intestinal barrier functions associated with intestinal morphology, antioxidative activity, and intestinal tight junction in a diquat-induced mouse model.

Energy Metabolism and Redox State in Brains of Wistar Audiogenic Rats, a Genetic Model of Epilepsy.

The testing of an artificial modified bacterial cellulose auricle skeleton in an animal model.

Paraquat initially damages cochlear support cells leading to anoikis-like hair cell death.

[The regulation of tight junction protein via PKC ζ /1 β for abnormal permeability of brain microvascular endothelial cells exposed to paraquat].

Urinary concentrations and profiles of organophosphate and pyrethroid pesticide metabolites and phenoxyacid herbicides in populations in eight countries.

Diquat-induced oxidative stress increases intestinal permeability, impairs mitochondrial function, and triggers mitophagy in piglets.

Target vs non-target analysis to determine pesticide residues in fruits from Saudi Arabia and influence in potential risk associated with exposure.

EF-Tu From Non-typeable Haemophilus influenzae Is an Immunogenic Surface-Exposed Protein Targeted by Bactericidal Antibodies.

The impaired immune function and structural integrity by dietary iron deficiency or excess in gill of fish after infection with Flavobacterium columnare: Regulation of NF- κ B, TOR, JNK, p38MAPK, Nrf2 and MLCK signalling.

Associations Between Disinfection By-Product Exposures and Craniofacial Birth Defects.

Early-life stress induces motor coordination dysfunction in adult mice.

The maturation state of the auditory nerve and brainstem in rats exposed to lead acetate and supplemented with ferrous sulfate.

Early Metabolome Profiling and Prognostic Value in Paraquat-Poisoned Patients: Based on Ultraperformance Liquid Chromatography Coupled To Quadrupole Time-of-Flight Mass Spectrometry.

Acrolein Disrupts Tight Junction Proteins and Causes Endoplasmic Reticulum Stress-Mediated Epithelial Cell Death Leading to Intestinal Barrier Dysfunction and Permeability.

Epi/perineural and Schwann Cells as Well as Perineural Sheath Integrity are Affected Following 2,4-D Exposure.

Early developmental exposure to pentachlorophenol causes alterations on mRNA expressions of caspase protease family in zebrafish embryos.

Agronomic performance of insect-protected and herbicide-tolerant MON 89034 \times TC1507 \times NK603 \times DAS-40278-9 corn is equivalent to that of conventional corn.

Early life stress affects mortality rate more than social behavior, gene expression or oxidative damage in honey bee workers.

Plant characterization of genetically modified maize hybrids MON-89 \times 34-3 \times MON-88 \times 17-3, MON-89 \times 34-3 \times MON- \times 6 \times 3-6, and MON- \times 6 \times 3-6: alternatives for maize production in Mexico.

The history of arsenical pesticides and health risks related to the use of Agent Blue.

The decreased growth performance and impaired immune function and structural integrity by dietary iron deficiency or excess are associated with TOR, NF- κ B, p38MAPK, Nrf2 and MLCK signaling in head kidney, spleen and skin of grass carp (*Ctenopharyngodon idella*).

Early-life chemical exposures and risk of metabolic syndrome.

Sensory deprivation increases phagocytosis of adult-born neurons by activated microglia in the olfactory bulb.

Feeble Antipyretic, Analgesic, and Anti-inflammatory Activities were Found with Regular Dose 4'-O- β -D-Glucosyl-5-O-Methylvisamminol, One of the Conventional Marker Compounds for Quality Evaluation of *Radix Saposhnikoviae*.

Acute Acrolein Exposure Induces Impairment of Vocal Fold Epithelial Barrier Function.

Early alterations on photosynthesis-related parameters in *Chlamydomonas reinhardtii* cells exposed to atrazine: A multiple approach study.

Exposure to a glyphosate-based herbicide during pregnancy and lactation induces neurobehavioral alterations in rat offspring.

Early Stage Blood Purification for Paraquat Poisoning: A Multicenter Retrospective Study.

Intra-laboratory study to determine the reproducibility of LLNA:BrdU-ELISA for the prediction of the skin sensitizing potential of chemicals.

Selective inhibition of JAK2/STAT1 signaling and iNOS expression mediates the anti-inflammatory effects of coniferyl aldehyde.

3-Aminotriazole protects from CoCl₂-induced ototoxicity by inhibiting the generation of reactive oxygen species and proinflammatory cytokines in mice.

TRPA1 activation leads to neurogenic vasodilatation: involvement of reactive oxygen nitrogen species in addition to CGRP and NO.

Photosynthetic contribution of the ear to grain filling in wheat: a comparison of different methodologies for evaluation.

Light-induced biochemical variations in secondary metabolite production and antioxidant activity in callus cultures of *Stevia rebaudiana* (Bert).

Early Changes of Peripheral Blood Lymphocyte Subpopulations in Patients with Occupational 2,4-dinitrophenol Poisoning.

Death within 44 days of 2,4-dinitrophenol intake.

Prenatal low dosage dioxin (TCDD) exposure impairs cochlear function resulting in auditory neuropathy.

Congener-specific levels and patterns of polychlorinated biphenyls in edible fish tissue from the central Red Sea coast of Saudi Arabia.

Arsenic and arsenic species in shellfish and finfish from the western Arabian Gulf and consumer health risk assessment.

A simple standard technique for labyrinthectomy in the rat: A methodical communication with a detailed description of the surgical process.

Development of a cell line from the American eel brain expressing endothelial cell properties.

Acute Illness Associated with Exposure to a New Soil Fumigant Containing Dimethyl Disulfide-Hillsborough County, Florida, 2014.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the development and function of the blood-brain barrier.

Prenatal pesticide exposure and otitis media during early childhood in the PELAGIE mother-child cohort.

L-Glutamate Enhances Barrier and Antioxidative Functions in Intestinal Porcine Epithelial Cells.

Further development of LLNA:DAE method as stand-alone skin-sensitization testing method and applied for evaluation of relative skin-sensitizing potency between chemicals.

Early haemoperfusion with continuous venovenous haemofiltration improves survival of acute paraquat-poisoned patients.

Oral Administration of 4-Hydroxy-3-Methoxycinnamaldehyde Attenuates Atopic Dermatitis by Inhibiting T Cell and Keratinocyte Activation.

[Therapeutic effects of gastric lavage with fuller earth combined with Qingyill catharsis in treatment of oral paraquat poisoning in rabbits].

Natural antioxidant betanin protects rats from paraquat-induced acute lung injury interstitial pneumonia.

Activation of the Prostaglandin E2 receptor EP2 prevents house dust mite-induced airway hyperresponsiveness and inflammation by restraining mast cells' activity.

Developmental exposure to purity-controlled polychlorinated biphenyl congeners (PCB74 and PCB95) in rats: effects on brainstem auditory evoked potentials and catalepsy.

Development and characterization of an endothelial cell line from the bulbus arteriosus of walleye, *Sander vitreus*.

Exchange transfusion can be life-saving in severe propanil poisoning: a case report.

Earthworm tolerance to residual agricultural pesticide contamination: field and experimental assessment of detoxification capabilities.

Antinociceptive and anti-inflammatory activities of extract and two isolated flavonoids of *Carthamus tinctorius* L.

Effects of in utero exposure of C57BL/6J mice to 2,3,7,8-tetrachlorodibenzo-p-dioxin on epidermal permeability barrier development and function.

An audit to review the characteristics and management of placenta praevia at Aberdeen Maternity Hospital, 2009-2011.

Production of the anti-inflammatory compound 6-O-palmitoyl-3-O- β -D-glucopyranosylcampesterol by Callus cultures of *Lopezia racemosa* Cav. (Onagraceae).

Homoisoflavanone prevents mast cell activation and allergic responses by inhibition of Syk signaling pathway.

Aryl hydrocarbon receptor-dependent induction of liver fibrosis by dioxin.

Early-life Exposure to Endocrine Disrupting Chemicals and Later-life Health Outcomes: An Epigenetic Bridge?

Toothache caused by trigeminal neuralgia of vestibular schwannoma: a case report. [Corrected].

Two-stage culture procedure using thidiazuron for efficient micropropagation of *Stevia rebaudiana*, an anti-diabetic medicinal herb.

Survival predictors in paraquat intoxication and role of immunosuppression.

Early-life exposure to a herbicide has enduring effects on pathogen-induced mortality.

Effect of acrolein, a hazardous air pollutant in smoke, on human middle ear epithelial cells.

Mitochondria-targeted antioxidant peptide SS31 protects the retinas of diabetic rats.

Early growth response protein 1 upregulation and nuclear translocation by 2'-benzyloxycinnamaldehyde induces prostate cancer cell death.

The ultra-early protective effect of ulinastatin on rabbit acute lung injury induced by paraquat.

Functional expression of TRPV1 and TRPA1 in rat vestibular ganglia.

Perspectives on communicating risks of chemicals.

Contact sensitizing potential of pyrogallol and 5-amino-o-cresol in female BALB/c mice.

Induction of thymic stromal lymphopoietin production by nonanoic acid and exacerbation of allergic inflammation in mice.

Novel, broad-spectrum anticonvulsants containing a sulfamide group: pharmacological properties of (S)-N-[(6-chloro-2,3-dihydrobenzo[1,4]dioxin-2-yl)methyl]sulfamide (JNJ-26489112).

Early dioxin exposure causes toxic effects in adult zebrafish.

Reduction in impulse noise-induced permanent threshold shift with intracochlear application of an NADPH oxidase inhibitor.

Oculomotor deficits in aryl hydrocarbon receptor null mouse.

Early membrane events induced by salicylic acid in motor cells of the *Mimosa pudica* pulvinus.

Influence of Maternal Exposure to 2,3,7,8-Tetrachlorodibenzo-p-dioxin on Socioemotional Behaviors in Offspring Rats.

siRNA-mediated knock-down of NOX3: therapy for hearing loss?

Early formation of GABAergic synapses governs the development of adult-born neurons in the olfactory bulb.

Further study is needed to assess ototoxicity from organophosphates and paraquat.

Early cytotoxic and genotoxic effects of atrazine on Wistar rat liver: a morphological, immunohistochemical, biochemical, and molecular study.

Early hemoperfusion may improve survival of severely paraquat-poisoned patients.

Glutamine suppresses dinitrophenol fluorobenzene-induced allergic contact dermatitis and itching: inhibition of contact dermatitis by glutamine.

Cyclo(His-Pro) exerts anti-inflammatory effects by modulating NF- κ B and Nrf2 signalling.

Earthworm bioassays and seedling emergence for monitoring toxicity, aging and bioaccumulation of anthropogenic waste indicator compounds in biosolids-amended soil.

Sodium azide poisoning at a restaurant - Dallas County, Texas, 2010.

Neuropsychiatric manifestations of methyl iodide.

Effects of deliberate ingestion of organophosphate or paraquat on brain stem auditory-evoked potentials.

Enhanced sensitization and elicitation responses caused by mixtures of common fragrance allergens.

Early exposure to low doses of atrazine affects behavior in juvenile and adult CD1 mice.

Early exposure to paraquat sensitizes dopaminergic neurons to subsequent silencing of PINK1 gene expression in mice.

The involvement of TRPA1 channel activation in the inflammatory response evoked by topical application of cinnamaldehyde to mice.

Endothelial dysfunction and claudin 5 regulation during acrolein-induced lung injury.

Surprises perilous: toxic health hazards for employees unloading fumigated shipping containers.

Illness associated with exposure to methyl bromide-fumigated produce--California, 2010.

Exposure to iodomethane and dichloromethane associated with a confusional state.

Effects of prenatal exposure to dioxin-like compounds on allergies and infections during infancy.

A case report of concomitant paroxysmal nocturnal hemoglobinuria and heterozygous β^0 -thalassemia.

Early life growth hormone treatment shortens longevity and decreases cellular stress resistance in long-lived mutant mice.

Early onset of neurological symptoms in fragile X premutation carriers exposed to neurotoxins.

In utero and lactational exposure to low doses of chlorinated and brominated dioxins induces deficits in the fear memory of male mice.

Development of a selective modulator of aryl hydrocarbon (Ah) receptor activity that exhibits anti-inflammatory properties.

In vitro assessment of chemical activation efficiency during in-office dental bleaching.

Early development of the primordial mammalian diaphragm and cellular mechanisms of nitrofen-induced congenital diaphragmatic hernia.

Matrix metalloproteinase-9 and -2 expression in the olfactory bulb following methyl bromide gas exposure.

Early-age changes in oxidative stress in brown trout, *Salmo trutta*.

Assessment of nicotine inhalation exposure and urinary cotinine of tobacco processing workers.

[Improvement of local lymph node assay for cosmetics safety evaluation].

Causes and types of health effects during the use of crop protection chemicals: data from a survey of over 6,300 smallholder applicators in 24 different countries.

Transplacental and early life exposure to inorganic arsenic affected development and behavior in offspring rats.

Evaluation of irritancy and sensitization potential of metalworking fluid mixtures and components.

Toxicology laboratory analysis and human exposure to p-chloroaniline.

Ferric carboxymaltose: a review of its use in iron-deficiency anaemia.

A cluster of neurological signs and symptoms in soil fumigators.

Analysis of PCB congeners related to cognitive functioning in adolescents.

Early biochemical and morphological modifications in the brain of a transgenic mouse model of Alzheimer's disease: a role for peroxisomes.

Collaboration between monitoring authorities, regulatory authorities and test facilities on GLP principles provides confidence in data quality with an emphasis on sound science. GLP: an example of a focused effort that paid off.

Early endoscopic gastric lavage for acute iron overdose: a novel approach to accidental pill ingestions.

[Headache caused by pesticides--a review of the literature].

Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants.

Neurological manifestation of methyl bromide intoxication.

TCDD exposure exacerbates atopic dermatitis-related inflammation in NC/Nga mice.

The effects of toluene plus noise on hearing thresholds: an evaluation based on repeated measurements in the German printing industry.

The dedicated emergency surgeon: towards consultant-based acute surgical admissions.

Evaluation of neurodevelopmental effects on rats exposed prenatally to sulfentrazone.

Pesticide exposure exacerbates alpha-synucleinopathy in an A53T transgenic mouse model.

Chronic inhalation of rotenone or paraquat does not induce Parkinson's disease symptoms in mice or rats.

Involvement of cannabinoid CB2 receptors in the IgE-mediated triphasic cutaneous reaction in mice.

[Sodium azide--clinical course of the poisoning and treatment].

Early maturation of gonadotropin-releasing hormone secretion and sexual precocity after exposure of infant female rats to estradiol or dichlorodiphenyltrichloroethane.

TRPA1 mediates the inflammatory actions of environmental irritants and proalgesic agents.

Increased resistance to free radical damage induced by low-level sound conditioning.

Effects of iron deficiency versus iron deficiency anemia on brainstem auditory evoked potentials in infancy.

Patterns of hospital transfer for self-poisoned patients in rural Sri Lanka: implications for estimating the incidence of self-poisoning in the developing world.

Case report: Hydroquinone and/or glutaraldehyde induced acute myeloid leukaemia?

Sensitising potential of four textile dyes and some of their metabolites in a modified local lymph node assay.

Damage and threshold shift resulting from cochlear exposure to paraquat-generated superoxide.

[Experimental study on pharmacodynamical of Oxalis griffithii, a national medicine in Guizhou].

Early developmental 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure decreases chick embryo heart chronotropic response to isoproterenol but not to agents affecting signals downstream of the beta-adrenergic receptor.

Auditory neurotoxicity and hepatotoxicity after MSMA (monosodium methanarsenate) high dose oral intake.

Mild postnatal anemia: is it a problem?

Early environmental origins of neurodegenerative disease in later life.

[Assessment of free radical formation process in rats with different audiogenic seizure susceptibility by means of biochemiluminiscent methods].

Methyl bromide intoxication causes reversible symmetric brainstem and cerebellar MRI lesions.

Inhibition of IgE-dependent mouse triphasic cutaneous reaction by a boiling water fraction separated from mycelium of *Phellinus linteus*.

Noradrenaline involvement in the memory-enhancing effects of exposure to a complex rhythm stimulus following discriminated passive avoidance training in the young chick.

Effects of pesticides on the peripheral and central nervous system in tobacco farmers in Malaysia: studies on peripheral nerve conduction, brain-evoked potentials and computerized posturography.

Paraquat-induced hair cell damage and protection with the superoxide dismutase mimetic m40403.

Early differential gene expression of rat lung after exposure to paraquat.

Molecular determinants of differential pore blocking of kidney CLC-K chloride channels.

Arsenic-induced alterations in the contact hypersensitivity response in Balb/c mice.

Early-life environmental risk factors for asthma: findings from the Children's Health Study.

Hexachlorobenzene, a dioxin-like compound, disrupts auditory function in rat.

Air bags and the skin.

Perinatal dioxin exposure and later effects--a review.

Comparative study on the effects of ointments of tinidazole, hydrocortisone and clobetasol on animal models for inflammatory dermatitis in mice.

Description of *Enterococcus canis* sp. nov. from dogs and reclassification of *Enterococcus porcinus* Teixeira et al. 2001 as a junior synonym of *Enterococcus villorum* Vancanneyt et al 2001.

Human health effects of sodium azide exposure: a literature review and analysis.

A neuropsychotoxicological assessment of workers in a sodium azide production plant.

Early changes in metabolism of leukemic cell lines upon induction of apoptosis by cytotoxic drugs.

Effects of metronidazole and tinidazole ointments on models for inflammatory dermatitis in mice.

Iron deficiency anemia in infancy: long-lasting effects on auditory and visual system functioning.

[Human neurotoxicity of ethylene-bis-dithiocarbamates (EBDC)].

Antipruritic and antiinflammatory effects of aqueous extract from Si-Wu-Tang.

A study on behavioral, neurotoxicological, and immunotoxicological effects of subchronic arsenic treatment in rats.

Induction of endolymphatic hydrops by directly infused monoclonal antibody against type II collagen CB11 peptide.

Early induction of genetic instability and apoptosis by arsenic in cultured Chinese hamster cells.

Uptake of the antivasular agent 5,6-dimethylxanthenone-4-acetic acid (DMXAA) and activation of NF-kappaB in human tumor cell lines.

Evaluation of acute sensory--motor effects and test sensitivity using termiticide workers exposed to chlorpyrifos.

[A case of chronic methyl bromide intoxication showing symmetrical lesions in the basal ganglia and brain stem on magnetic resonance imaging].

Oral administration of collagen conjugated with cholera toxin induces tolerance to type II collagen and suppresses chondritis in an animal model of autoimmune ear disease.

Presence of autoantibodies in the sera of Meniere's disease.

Early indicators of response in biologically based risk assessment for nongenotoxic carcinogens.

Expression of neuronal nitric oxide synthase/NADPH-diaphorase during olfactory deafferentation and regeneration.

Inhibition of irritation and contact hypersensitivity by phenoxyacetic acid methyl ester in mice.

Mass psychogenic illness attributed to toxic exposure at a high school.

Early lung malformations in congenital diaphragmatic hernia.

Air bag injury and the dermatologist.

Degeneration and gliosis in rat retina and central nervous system following 3,3'-iminodipropionitrile exposure.

Earthworm egg capsules as vectors for the environmental introduction of biodegradative bacteria.

Toxic action of the herbicide 2,4-D on the neuroepithelial synapse and on the nonstimulated skin of the frog *Caudiverbera caudiverbera*.

Effect of Shimotsu-to (a Kampo medicine, Si-Wu-Tang) and its constituents on triphasic skin reaction in passively sensitized mice.

Pheomelanin as a binding site for drugs and chemicals.

Phototoxicity of quinalphos under sunlight in vitro and in vivo.

Inhibitory mechanisms of glycoprotein fraction derived from *Miscanthus sinensis* for the immediate phase response of an IgE-mediated cutaneous reaction.

Trovafloxacin: an overview.

Early effects of protein kinase modulators on DNA synthesis in rat cerebral cortex.

Central nervous system effects of intranasally administered insulin during euglycemia in men.

Possible role of nitric oxide in IgE-mediated allergic cutaneous reaction in mice.

AP30, a differential protein marker for perilymph and cerebrospinal fluid in middle ear fluid, has been purified and identified as human apolipoprotein D.

Alterations in human B cell calcium homeostasis by polycyclic aromatic hydrocarbons: possible associations with cytochrome P450 metabolism and increased protein tyrosine phosphorylation.

FK-506 and cyclosporin A potentiate the IgE antibody production by contact sensitization with hapten in mice.

Central and peripheral neurotoxic effects of chronic methyl bromide intoxication.

Early life stage toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish (*Danio rerio*).

Cytokine gene expression during ontogeny in murine thymus on activation of the aryl hydrocarbon receptor by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of Fuller's Earth and activated charcoal on oral absorption of paraquat in rabbits.

Identification of a novel growth-promoting factor with a wide target cell spectrum from various tumor cells as catalase.

Activation of the Ras signaling pathway by the CD40 receptor.

Acute cyanide poisoning: clinical spectrum, diagnosis, and treatment.

Pirenzepine versus scopolamine methyl bromide in double-contrast barium enema study of large bowel.

Type II collagen-induced autoimmune ear disease in mice: a preliminary report on an epitope of the type II collagen molecule that induced inner ear lesions.

TNF-alpha participates in an IgE-mediated cutaneous reaction in mast cell deficient, WBB6F1-W/Wv mice.

Bilateral idiopathic loss of peripheral vestibular function with normal hearing.

Immunologic effects of background prenatal and postnatal exposure to dioxins and polychlorinated biphenyls in Dutch infants.

Reconstitution of the rat olfactory epithelium after methyl bromide-induced lesion.

Dose-response assessment of airborne methyl isothiocyanate (MITC) following a metam sodium spill.

Menière's disease: role of antibodies against basement membrane antigens.

Dentate gyrus and olfactory bulb responses to olfactory and noxious stimulation in urethane anaesthetized rats.

Essential fatty acid preparation (SR-3) raises the seizure threshold in rats.

Early bone matrix formation during distraction. A biochemical study in sheep.

Pentachlorophenol (PCP) inhibits ion transport in the isolated toad cornea.

[Progress on combined traditional Chinese medicine and Western medicine therapy in treating sudden deafness].

Inhibitory effects of alpha- and beta-carotene on croton oil-induced or enzymatic lipid peroxidation and hydroperoxide production in mouse skin epidermis.

Relatively immediate relaxant effects of cholera toxin on isolated rabbit blood vessels.

A comparison of the acute toxicity, neuropathology, and electrophysiology of N,N-diethyl-m-toluamide and N,N-dimethyl-2,2-diphenylacetamide in rats.

Pig ear skin as an in-vitro model for human skin permeability.

Health status and needs of migrant farm workers in the United States: a literature review.

[Neuro-otologic diagnosis after long-term exposure to wood preservatives containing pentachlorophenol].

The epidemiology of Parkinson's disease. A case-control study of young-onset and old-onset patients.

Symptoms among workers with long-term exposure to methyl bromide. An epidemiological study.

On the mechanism of action of interferons: interaction with nonsteroidal anti-inflammatory agents, pentoxifylline (Trental) and cGMP inducers.

Mechanically induced length changes of isolated outer hair cells are metabolically dependent.

Immediate contact reactions to chemicals in the fragrance mix and a study of the quenching action of eugenol.

Histological examination of the temporal bone in medicolegal cases of asphyxia.

Golgi-like demonstration of "dark" neurons with an argyrophil III method for experimental neuropathology.

Sensory neurotoxicology: use of the olfactory system in the assessment of toxicity.

Early appearance of tyrosine hydroxylase immunoreactive cells in the mesencephalon of mouse embryos.

Effect of TCDD on the density of Langerhans cells in murine skin.

The anti-inflammatory effects of phenolic dental medicaments as determined by mouse ear edema assay.

NTP Toxicology and Carcinogenesis Studies of 2,4-Dichlorophenol (CAS No. 120-83-2) in F344/N Rats and B6C3F1 Mice (Feed Studies).

NTP Toxicology and Carcinogenesis Studies of Two Pentachlorophenol Technical-Grade Mixtures (CAS No. 87-86-5) in B6C3F1 Mice (Feed Studies).

Effects of glutaraldehyde and metabolic inhibitors on the vibratory responses in the isolated cochlea.

Early radiotherapy in the treatment of paraquat poisoning.

Induction of antigen-specific IgA-forming cells in the middle ear mucosa.

NTP Toxicology and Carcinogenesis Studies of C.I. Acid Orange 3 (CAS No. 6373-74-6) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Early changes in dermal collagen of mice exposed to chronic UVB irradiation and the effects of a UVB sunscreen.

NTP Toxicology and Carcinogenesis Studies of Monuron (CAS No. 150-68-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

The effect of IgE-mediated mast cell degranulation on the expression of experimental contact sensitivity in the mouse.

The relationship between uncoupling of oxidative phosphorylation and neuronal necrosis within the CNS in rats dosed with trihalogenated imidazoles.

Impaired odor perception in tank cleaners.

Synergistic neurotoxicity of carbon tetrachloride/carbon disulfide (80/20 fumigants) and other pesticides in grain storage workers.

Long refractory period after one application of nonimmunologic contact urticaria agents to the guinea pig ear.

[³¹P-NMR and HPLC studies on the energy metabolism of perfused chondrocytes].

NTP Toxicology and Carcinogenesis Studies of Dimethyl Hydrogen Phosphite (CAS No. 868-85-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Glutaraldehyde fixatives for preserving the chick's inner ear.

Allergic hypersensitivity to the herbicide 2,4-D in BALB/c mice.

Failure of Legionella pneumophila sensitivities to predict culture results from disinfectant-treated air-conditioning cooling towers.

A preliminary report on combined traditional Chinese and Western medicine in sensorineural hearing loss. An analysis of 108 cases.

Sodium azide poisoning in five laboratory technicians.

Acnegenic activity of 3-methylcholanthrene and benzo[a]pyrene, and a comparative study with 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rabbit and hairless mouse.

Tetrachloroazobenzene in 3,4-dichloroaniline and its herbicidal derivatives: propanil, diuron, linuron, and neburon.

Early events in herpes simplex virus type 1 infection: photosensitivity of fluorescein isothiocyanate-treated virions.

Early and delayed biochemical effects of paraquat toxicity on rat lung.

Effect of thyrotropin-releasing hormone (TRH) on local cerebral glucose utilization, by the autoradiographic 2-deoxy[14C]glucose method, in conscious and pentobarbitalized rats.

Early bronchiolar damage following paraquat poisoning in mice.

Propanil-chloracne and methomyl toxicity in workers of a pesticide manufacturing plant.

[2,4-D poisoning].

[Syndrome of ophthalmological manifestations caused by a generalized intoxication with defoliant and herbicides].

Movement of IgG receptors on the lymphocyte surface induced by protein A of Staphylococcus aureus.

Table 2A-11 – Titles of Pubmed Records Related to Kidney/Urinary Adverse Events Following Herbicide Exposure

BLADDER; *DIALYSIS*; *HAEMATURIA*; *HEMATURIA*; *HEMOGLOBINURIA*; *KIDNEY*; *LIGURIA*; *MICROHEMATURIA*; *NEPHRI*; *NEPHRO*; *NOCTURNAL HEMOGLOBINURIA*; *PROSTAT*; *PROTEINURIA*; *RENAL DISEASE*; *RENAL TRANSPLANT*; *URINARY* (5613)
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Impact of pesticides exposure on Archachatina marginata snails in four Cameroon monomodal rainforest sites.

Mitochondrial reactive oxygen species initiate gasdermin D-mediated pyroptosis and contribute to paraquat-induced nephrotoxicity.

Association between urinary glyphosate levels and hand grip strength in a representative sample of US adults: NHANES 2013-2014.

Spatiotemporal Visualization of Paraquat Distribution, Toxicokinetics, and Its Detoxification in Zebrafish Using Matrix-Assisted Laser Desorption Ionization Mass Spectrometry Imaging.

Metabolomic Changes in Rat Serum after Chronic Exposure to Glyphosate-Based Herbicide.

Gestational glyphosate exposure and early childhood neurodevelopment in a Puerto Rico birth cohort.

Ferulic acid grafted into β -cyclodextrin nanospheres ameliorates Paraquat-induced human MRC-5 fibroblast injury.

Analysis of the association between urinary glyphosate exposure and fatty liver index: a study for US adults.

A trinuclear Zn (II) schiff base dicyanamide complex attenuates bacterial biofilm formation by ROS generation and membrane damage and exhibits anticancer activity.

An Updated Evaluation of Atrazine-Cancer Incidence Associations among Pesticide Applicators in the Agricultural Health Study Cohort.

Autophagy mediated FTH1 degradation activates gasdermin E dependent pyroptosis contributing to diquat induced kidney injury.

Association Between Urinary Glyphosate Exposure and Cognitive Impairment in Older Adults from NHANES 2013-2014.

Transient receptor potential ankyrin 1 channels in the bladder mediate low temperature elicited bladder overactivity in rats.

Mid-to-late stage diquat accumulation in the central nervous system: A severe case of oral poisoning.

A Forensic Case of Suicide Ingestion of Paraquat Herbicide: New Histological Insights and Revision of the Literature.

Associations of maternal exposure to 2,4-dichlorophenoxyacetic acid during early pregnancy with steroid hormones among one-month-old infants.

Association of urine glyphosate levels with renal injury biomarkers in children living close to major vegetable-producing regions in China.

Factors influencing occupational exposure to pyrethroids and glyphosate: An analysis of urinary biomarkers in Malaysia, Uganda and the United Kingdom.

A regulatory module comprising G3BP1-FBXL5-IRP2 axis determines sodium arsenite-induced ferroptosis.

The urinary level of 2,4,5-trichlorophenol was positively associated with both all-cause and cause-specific mortalities in general adult residents of United States.

Gut Microbiota and Uremic Retention Solutes in Adults With Moderate CKD: A 6-Day Controlled Feeding Study.

Urinary glyphosate levels and association with mortality in the 2013-16 National Health and Nutrition Examination Survey.

Exposure to polycyclic aromatic hydrocarbons, volatile organic compounds, and tobacco-specific nitrosamines and incidence of esophageal cancer.

Association of pesticide exposure with neurobehavioral outcomes among avocado farmworkers in Mexico.

Hybrid genome assembly of colistin-resistant mcr-1.5-producing Escherichia coli ST354 reveals phylogenomic pattern associated with urinary tract infections in Brazil.

Urinary and household chemical exposures in pet dogs with urothelial cell carcinoma.

Genotoxicity in humans exposed to arsenic, lithium, and boron in drinking water in the Bolivian Andes-A cross sectional study.

Associations of Urinary Total Arsenic and Arsenic Species and Periodontitis.

MAPK/NF- κ B signaling mediates atrazine-induced cardiorenal syndrome and antagonism of lycopene.

The urinary metabolites of volatile organic compounds and asthma in young children: NHANES 2011-2018.

Renoprotective effect of esculetin against ischemic acute kidney injury-diabetic comorbidity.

Mixed-Methods Assessment of Farmworkers' Perceptions of Workplace Compliance with Worker Protection Standards and Implications for Risk Perceptions and Protective Behaviors.

Prenatal current-use pesticide exposure and children's neurodevelopment at one year of age in the Infants' Environmental Health (ISA) birth cohort, Costa Rica.

Analysis of Relationships between Metabolic Changes and Selected Nutrient Intake in Women Environmentally Exposed to Arsenic.

Positive Association of Urinary Dimethylarsinic Acid (DMA(V)) with Serum 25(OH)D in Adults Living in an Area of Water-Borne Arsenicosis in Shanxi, China.

Crocin-loaded Niosomal Nanoparticles Reversing Cytotoxicity and Oxidative Stress in HEK293 Cell Line Exposed to Paraquat: An In vitro Study.

Artificial intelligence application in adsorption of uremic toxins: Towards the eco-friendly design of highly efficient with potential applications as hemodialysis membranes.

Differential Modulatory Effects of Methylmercury (MeHg) on Ahr-regulated Genes in Extrahepatic Tissues of C57BL/6 Mice.

Salvianolic acid A attenuates arsenic-induced ferroptosis and kidney injury via HIF-2 \pm /DUOX1/GPX4 and iron homeostasis.

Association between urinary arsenic concentration and genetic polymorphisms in Korean adults.

Uptake of Fluorescein via a pH-Dependent Monocarboxylate Transporter by Human Kidney 2 (HK-2) Cells.

Ifosfamide-induced nephrotoxicity in oncological patients.

Examination of urinary pesticide concentrations, protective behaviors, and risk perceptions among Latino and Latina farmworkers in Southwestern Idaho.

[Favorable evolution of severe paraquat poisoning. Treatment with gastric lavage, activated charcoal, cyclophosphamide + corticoids, and conventional daily hemodialysis: case study at the Franck Joly Hospital Center in French Guiana].

Self-reported and urinary biomarker-based measures of exposure to glyphosate and mancozeb and sleep problems among smallholder farmers in Uganda.

Association of glyphosate exposure with multiple adverse outcomes and potential mediators.

Impact of Agent Orange Exposure on Non-muscle Invasive Bladder Cancer Outcomes.

Effect of perinatal exposure to glyphosate and its mixture with 2,4-D and dicamba on rat dam kidney and thyroid function and offspring's health.

The novel peptide DR4penA attenuates the bleomycin- and paraquat-induced pulmonary fibrosis by suppressing the TGF- β ²/Smad signaling pathway.

Role of voltage-dependent calcium channels on the striatal in vivo dopamine release induced by the organophosphorus pesticide glyphosate.

Maternal impacts of pre-conceptual glyphosate exposure.

Higher urinary glyphosate exposure is associated with increased risk of liver dysfunction in adults: An analysis of NHANES, 2013-2016.

Groundwater constituents and the incidence of kidney cancer.

2,4-dichlorophenoxyacetic acid (2,4-D) exposure during postnatal development alters the effects of western diet on mouse prostate.

[Study on the occupational exposure limit of glyphosate in the air of workplace].

Assessment of the impact of glyphosate and 2,4-D herbicides on the kidney injury and transcriptome changes in obese mice fed a Western diet.

Dimethylarsinic acid induces bladder carcinogenesis via the amphiregulin pathway.

Association between Glyphosate Exposure and Erythrograms in a Representative Sample of US Adults: NHANES 2013-2014.

Acrolein produced during acute kidney injury promotes tubular cell death.

Urinary glyphosate and AMPA levels in a cross-sectional study of postmenopausal women: Associations with organic eating behavior and dietary intake.

Spatiotemporal variations of 2,4-dichlorophenoxy acetic acid with the role of sugarcane industry and related human health risk assessments in the Shadegan International Wetland.

Maternal pre-conceptual glyphosate exposure impacts the offspring hepatic and ovarian proteome.

Exposure to Agent Orange and Risk of Bladder Cancer Among US Veterans.

Neurotoxic effects of exposure to glyphosate in rat striatum: Effects and mechanisms of action on dopaminergic neurotransmission.

Glyphosate-induced liver and kidney dysfunction, oxidative stress, immunosuppression in Nile tilapia, but ginger showed a protection role.

Prepubertal to adulthood exposure to low doses of glyphosate-based herbicide increases the expression of the Havcr1 (Kim1) biomarker and causes mild kidney alterations.

A mixture of 13 pesticides, contaminants, and food additives below individual NOAELs produces histopathological and organ weight changes in rats.

Prolonged exposure to the herbicide atrazine promotes kidney fibrosis by activating Wnt/ β -catenin signaling in rats.

Glyphosate exposure and urinary oxidative stress biomarkers in the Agricultural Health Study.

Glyphosate exposure and preterm birth: A nested case-control pilot study.

Tannin alleviates glyphosate exposure-induced apoptosis, necrosis and immune dysfunction in hepatic L8824 cell line by inhibiting ROS/PTEN/PI3K/AKT pathway.

Pentachlorophenol causes redox imbalance, inhibition of brush border membrane and metabolic enzymes, DNA damage and histological alterations in rat kidney.

Variability, determinants, and associations with oxidative stress biomarkers of pentachlorophenol among Chinese pregnant women: A longitudinal study.

Synergistic toxicity of ethanol and 2,4-dichlorophenoxyacetic acid enhances oxidant status, DNA damage, inflammation, and apoptosis in rats.

Associations between urinary glyphosate and diabetes mellitus in the US general adult: a cross-sectional study from NHANES 2013-2016.

Subchronic feeding study of glyphosate-tolerant maize GG2 with the gr79-epsps and gat genes in Wistar Han RCC rats.

Study on the therapeutic effect of glucocorticoids on acute kidney injury in rats exposed to diquat.

Single-chemical and mixture effects of multiple volatile organic compounds exposure on liver injury and risk of non-alcoholic fatty liver disease in a representative general adult population.

A review of the characteristic properties of selected tobacco chemicals and their associated etiological risks.

Computational biology and in vitro studies for anticipating cancer-related molecular targets of sweet wormwood (*Artemisia annua*).

Clinical and pathological characteristics of acute kidney injury caused by diquat poisoning.

Soluble thrombomodulin alleviates Diquat-induced acute kidney injury by inhibiting the HMGB1/ α B \pm /NF- κ B signalling pathway.

[Predictive value of serum lactate dehydrogenase on prognosis of patients with paraquat poisoning].

Glyphosate potentiates insulin resistance in skeletal muscle through the modulation of IRS-1/PI3K/Akt mediated mechanisms: An in vivo and in silico analysis.

[A case of delayed peripheral neuropathy caused by diquat poisoning].

Exposure to Volatile Organic Compounds Is Associated with Hypertension in Black Adults: The Jackson Heart Study.

Arsenic metabolism, N6AMT1 and AS3MT single nucleotide polymorphisms, and their interaction on gestational diabetes mellitus in Chinese pregnant women.

Association of Lifetime Exposure to Glyphosate and Aminomethylphosphonic Acid (AMPA) with Liver Inflammation and Metabolic Syndrome at Young Adulthood: Findings from the CHAMACOS Study.

Clinical and pathological characteristics of diquat poisoning-related acute kidney injury.

Urinary Amino Acid-Conjugated Acrolein and Taurine as New Biomarkers for Detection of Dementia.

Arsenic exposure and prevalence of human papillomavirus in the US male population.

Urinary pesticide mixture patterns and exposure determinants in the adult population from the Netherlands and Switzerland: Application of a suspect screening approach.

The Effect of Pesticide Spray Season and Residential Proximity to Agriculture on Glyphosate Exposure among Pregnant People in Southern Idaho, 2021.

A neuroprotective dose of trehalose is harmless to metabolic organs: comprehensive histopathological analysis of liver, pancreas, and kidney.

[A Preliminary Study on the Plasma Metabolomic Profiles of Patients Suffering From Acute Diquat Poisoning].

Online solid phase extraction high-performance liquid chromatography - Isotope dilution - Tandem mass spectrometry quantification of organophosphate pesticides, synthetic pyrethroids, and selected herbicide metabolites in human urine.

Urinary Glyphosate, 2,4-D and DEET Biomarkers in Relation to Neurobehavioral Performance in Ecuadorian Adolescents in the ESPINA Cohort.

Teratogenic effects of the dicamba herbicide in Zebrafish (*Danio rerio*) embryos.

Comparison of urinary mercapturic acid excretions in users of various tobacco/nicotine products.

Global Profiling of Urinary Mercapturic Acids Using Integrated Library-Guided Analysis.

Urinary Glyphosate Concentrations among Pregnant Participants in a Randomized, Crossover Trial of Organic and Conventional Diets.

Increased Levels of the Acrolein Metabolite 3-Hydroxypropyl Mercapturic Acid in the Urine of e-Cigarette Users.

Melatonin ameliorates glyphosate- and hard water-induced renal tubular epithelial cell senescence via PINK1-Parkin-dependent mitophagy.

HPLC-MS/MS determination and the postmortem distribution or postmortem redistribution of paraquat and its metabolites in four fatal intoxication cases.

Associations of arsenic exposure with liver injury in US adults: NHANES 2003-2018.

Glyphosate and Aminomethylphosphonic Acid (AMPA) Modulate Glutathione S-Transferase in Non-Tumorigenic Prostate Cells.

Urine glyphosate exposure and serum sex hormone disruption within the 2013-2014 National Health and Nutrition Examination survey (NHANES).

Urinary pentachlorophenol in general population of central China: reproducibility, predictors, and associations with oxidative stress biomarkers.

Assessment of exposure to pesticide mixtures in five European countries by a harmonized urinary suspect screening approach.

Exposure of children to glyphosate in Morocco: Urinary levels and predictors of exposure.

Urinary concentrations and determinants of glyphosate and glufosinate in pregnant Canadian participants in the MIREC study.

Arsenic exposure induces urinary metabolome disruption in Pakistani male population.

The effect and mechanism of Fushen Granule on gut microbiome in the prevention and treatment of chronic renal failure.

Effect of acupuncture at neck-Jiaji (EX-B 2) and tuina on the cognitive function in the patients with subjective cognitive decline.

Nephroprotective effect of diosmin against sodium arsenite-induced renal toxicity is mediated via attenuation of oxidative stress and inflammation in mice.

Arsenic induces metabolome remodeling in mature human adipocytes.

Association of urinary arsenic, polycyclic aromatic hydrocarbons, and metals with cancers among the female population in the US.

Urinary arsenic metabolism, genetic susceptibility, and their interaction on type 2 diabetes.

Shenqi formula delayed Alzheimer's disease-like symptoms by skn-1 pathway in *Caenorhabditis elegans*.

Remote effects of kidney drug transporter OAT1 on gut microbiome composition and urate homeostasis.

Phloretin as an add-on therapy to losartan attenuates diabetes-induced AKI in rats: A potential therapeutic approach targeting TLR4-induced inflammation.

Incorporating Uremic Solute-mediated Inhibition of OAT1/3 Improves PBPK Prediction of Tenofovir Renal and Systemic Disposition in Patients with Severe Kidney Disease.

SLC22A11 Inserts the Uremic Toxins Indoxyl Sulfate and P-Cresol Sulfate into the Plasma Membrane.

A 90-day feeding study of genetically modified maize LP007-1 in wistar han RCC rats.

Association between maternal use of spray formulations and offspring urological anomalies: The Japan Environment and Children's Study.

p-Cresol Sulfate Is a Sensitive Urinary Marker of Fecal Microbiota Transplantation and Antibiotics Treatments in Human Patients and Mouse Models.

Persistent organic pollutants promote aggressiveness in prostate cancer.

A phenome-wide association study (PheWAS) to identify the health impacts of 4-cresol sulfate in the Nagahama Study.

Arsenic exposure and lung fibrotic changes-evidence from a longitudinal cohort study and experimental models.

Magnesium lithospermate B ameliorates diabetic nephropathy by suppressing the uremic toxin formation mediated by gut microbiota.

Arsenic, polycyclic aromatic hydrocarbons, and metal exposure and risk assessment of stroke.

Untargeted Multiomics Approach Coupling Lipidomics and Metabolomics Profiling Reveals New Insights in Diabetic Retinopathy.

Exposure to p-dichlorobenzene and prevalent endocrine-related reproductive cancers among US women.

Torsemide increases arsenic concentrations by inhibition of multidrug resistance protein 4 in arsenic trioxide treated acute promyelocytic leukemia patients.

Exposure to phenols, chlorophenol pesticides, phthalate and PAHs and mortality risk: A prospective study based on 6 rounds of NHANES.

Awareness and Use of Low-Sodium Salt Substitutes and Its Impact on 24-h Urinary Sodium and Potassium Excretion in China-A Cross-Sectional Study.

Possible Effects of Uremic Toxins p-Cresol, Indoxyl Sulfate, p-Cresyl Sulfate on the Development and Progression of Colon Cancer in Patients with Chronic Renal Failure.

Nephroprotective Effects of Selenium Nanoparticles Against Sodium Arsenite-Induced Damages.

Concomitant inhibition of TLR-4 and SGLT2 by phloretin and empagliflozin prevents diabetes-associated ischemic acute kidney injury.

Biodegradable Hollow Nanoscavengers Restore Liver Functions to Reverse Insulin Resistance in Type 2 Diabetes.

Serum Levels of Indoxyl Sulfate and P-cresol in Type II Diabetic Patients With and Without Nephropathy.

Individual, Independent, and Joint Associations of Toxic Metals and Manganese on Hypertensive Disorders of Pregnancy: Results from the MIREC Canadian Pregnancy Cohort.

Zingerone reduces sodium arsenite-induced nephrotoxicity by regulating oxidative stress, inflammation, apoptosis and histopathological changes.

Endocrine-disrupting chemicals (EDCs) and cancer: new perspectives on an old relationship.

Disruption of mitochondrial function augments the radiosensitivity of prostate cancer cell lines.

Associations of metal mixtures with metabolic-associated fatty liver disease and non-alcoholic fatty liver disease: NHANES 2003-2018.

Assessment of uremic toxins in advanced chronic kidney disease patients on maintenance hemodialysis by LC-ESI-MS/MS.

Rapid and sustainable HPLC method for the determination of uremic toxins in human plasma samples.

Metabolomic Analyses to Identify Candidate Biomarkers of Cystinosis.

Sample preparation and chromatographic methods for the determination of protein-bound uremic retention solutes in human biological samples: An overview.

Prion Protein Overexpression in Adipose-Derived Mesenchymal Stem Cells (ADMSCs) Effectively Protected Rodent Kidney Against Ischemia-Reperfusion Injury Via Enhancing ATP/Mitochondrial Biogenesis-Role of ADMSC Rejuvenation and Proliferation.

[Clinical case report of acute dinitrophenol poisoning with a fatal outcome of Udmurt Republic].

Improved β_2 -Microglobulin and Phosphorous Removal with Expanded Hemodialysis and Online Hemodiafiltration versus High-Flux Hemodialysis: A Cross-Over Randomized Clinical Trial.

Association of the gut microbiome with kidney function and damage in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL).

Metabolic Communication by SGLT2 Inhibition.

Association between 2,4-dichlorophenoxyacetic acid and cognitive impairment in older adults: a cross-sectional study from NHANES 2001-2002 and 2011-2014.

"Cocktail" of environmental chemicals and early reproductive outcomes of IVF: The insight from paternal and maternal exposure.

Association between urinary glyphosate exposure and bone mineral density in adults.

Acute oral poisoning due to pretilachlor herbicide - a rare case report from Nepal.

Erratum: "Urinary Glyphosate, 2,4-D and DEET Biomarkers in Relation to Neurobehavioral Performance in Ecuadorian Adolescents in the ESPINA Cohort".

Effects of glyphosate herbicide ingestion on kidney function in rats on a balanced diet.

Age-dependent changes in the gut microbiota and serum metabolome correlate with renal function and human aging.

Uroprotective Potential of Campesterol in Cyclophosphamide Induced Interstitial Cystitis; Molecular Docking Studies.

Paraquat induced acute kidney and lung injury with a dramatic response to methylprednisolone: A case report.

Characterization of fifteen key genes involved in iron metabolism and their responses to dietary iron sources in yellow catfish *Pelteobagrus fulvidraco*.

Haemorrhagic cystitis: a review of management strategies and emerging treatments.

Effect of replacing inorganic iron with iron-rich microbial preparations on growth performance, serum parameters and iron metabolism of weaned piglets.

An overview of ATP synthase, inhibitors, and their toxicity.

Association between glyphosate exposure and cognitive function, depression, and neurological diseases in a representative sample of US adults: NHANES 2013-2014 analysis.

Microbe-derived uremic solutes enhance thrombosis potential in the host.

DNA Methylation Aberrations in Dimethylarsinic Acid-Induced Bladder Carcinogenesis.

Assessment of glyphosate and its metabolites' residue concentrations in cultured African Catfish offered for sale in selected markets in Ibadan, Oyo State, Nigeria.

High urinary oxidative DNA damage in wild chimpanzees ranging in proximity of agricultural fields in Sebitoli area, Uganda.

Determination of urinary deanol-N-oxide excretion profiles after ingestion of nutritional supplements containing deanol.

Urinary acrolein protein conjugates-to-creatinine ratio is positively associated with diabetic peripheral neuropathy in patients with type 2 diabetes mellitus.

Gut Microbiota and Its Role in the Brain-Gut-Kidney Axis in Hypertension.

Analysis of Human microRNA Expression Profiling During Diquat-Induced Renal Proximal Tubular Epithelial Cell Injury.

A Review on the Role of Phytoconstituents Chrysin on the Protective Effect on Liver and Kidney.

Total analysis system for the determination of uremic toxins in human plasma based on bead injection solid phase extraction hyphenated to mass spectrometry.

Toxicity assessment and DNA repair kinetics in HEK293 cells exposed to environmentally relevant concentrations of Glyphosate (Roundup® Control Max).

Acute paraquat poisoning complicated by acute kidney injury and lung fibrosis: a case report from Nepal.

Parkinson's disease updates: Addressing the pathophysiology, risk factors, genetics, diagnosis, along with the medical and surgical treatment.

Interactions of arsenic exposure, arsenic metabolism with red blood cell folate on the risk of hypertension: NHANES 2007-2016.

Evaluation of Lac and NGAL on the Condition and Prognosis of Patients with Diquat Poisoning.

Ferroptosis contributes to cyclophosphamide-induced hemorrhagic cystitis.

Effect of Intestinal Flora on Hyperuricemia-Induced Chronic Kidney Injury in Type 2 Diabetic Patients and the Therapeutic Mechanism of New Anti-Diabetic Prescription Medications.

[Research on Occupational Poisoning and Biological Monitoring].

Acute diquat poisoning case with multiorgan failure and a literature review: A case report.

Evaluation of the effect of photoplethysmograms on workers' exposure to methyl bromide using second derivative.

Levels of Urinary Mercapturic Acids of Acrolein, Methacrolein, Crotonaldehyde, and Methyl Vinyl Ketone in Relationship to Chronic Obstructive Pulmonary Disease in Cigarette Smokers of the Subpopulations and Intermediate Outcome Measures in COPD Study (SPIROMICS).

Effects of early repeated hemoperfusion combined with hemodialysis on the prognosis of patients with paraquat poisoning.

Stable Isotope Dilution Analysis (SIDA) to Determine Metabolites of Furan and 2-Methylfuran in Human Urine Samples: A Pilot Study.

Chronic Interstitial Nephritis in Agricultural Communities: Observational and Mechanistic Evidence Supporting the Role of Nephrotoxic Agrochemicals.

Association between urinary glyphosate levels and serum neurofilament light chain in a representative sample of US adults: NHANES 2013-2014.

Uro-protective role of chrysin against cyclophosphamide-induced hemorrhagic cystitis in rats involving the turning-off NF- κ B/P38-MAPK, NO/PARP-1 and STAT-3 signaling cascades.

Metformin Overcomes the Consequences of NKX3.1 Loss to Suppress Prostate Cancer Progression.

[8] and [10]-Gingerol reduces urothelial damage in ifosfamide-induced hemorrhagic cystitis via JAK/STAT/FOXO signaling pathway via IL-10.

Microbial metabolite p-cresol inhibits gut hormone expression and regulates small intestinal transit in mice.

Air, Dermal, and Urinary Metabolite Levels of Backpack and Tractor Sprayers Using the Herbicide Acetochlor in Thailand.

Therapeutic effects of avocado (*Persea americana* Mill.) seed powder against reproductive toxicity induced by Mancozeb (herbicide) in female rabbits.

Joint effects of phenol, chlorophenol pesticide, phthalate, and polycyclic aromatic hydrocarbon on bone mineral density: comparison of four statistical models.

Carboxymethylated *Rhizoma alismatis* Polysaccharides Regulate Calcium Oxalate Crystals Growth and Reduce the Regulated Crystals' Cytotoxicity.

Agent Orange exposure and prostate cancer risk in the Million Veteran Program.

Atrazine Toxicity: The Possible Role of Natural Products for Effective Treatment.

Sex-specific effects of prenatal organophosphate ester (OPE) metabolite mixtures and adverse infant birth outcomes in the maternal and developmental risks from environmental and social stressors (MADRES) pregnancy cohort.

Dietary rumen-protected choline supplementation regulates blood biochemical profiles and urinary metabolome and improves growth performance of growing lambs.

In-situ synchrotron imaging, experimental, and computational investigations on the efficiency of *Trametes versicolor* laccase on detoxification of P-Cresyl Sulfate (PCS) Protein Bound Uremic Toxin (PBUT).

In utero arsenic exposure and early childhood motor development in the New Hampshire Birth Cohort Study.

Clinical characteristics of acute kidney injury in patients with glyphosate surfactant herbicide poisoning.

Urinary concentration of phthalates and bisphenol A during minipuberty is associated with reproductive hormone concentrations in infant boys.

Exposure to phthalates and DiNCH among preschool children in Sweden: Urinary metabolite concentrations and predictors of exposure.

Exposure to oxyfluorfen-induced hematobiochemical alterations, oxidative stress, genotoxicity, and disruption of sex hormones in male African catfish and the potential to confront by *Chlorella vulgaris*.

Urine Metabolomic Signature of People Diagnosed with Balkan Endemic Nephropathy and Other Types of Chronic Kidney Disease Compared with Healthy Subjects in Romania.

Enhancing Immune Protection in Hemodialysis Patients: Role of the Polymethyl Methacrylate Membrane.

Pretreatment of ellagic acid protects ifosfamide-induced acute nephrotoxicity in rat kidneys: A mitochondrial, histopathological and oxidative stress approaches.

Berberine ameliorates chronic kidney disease through inhibiting the production of gut-derived uremic toxins in the gut microbiota.

Excretion kinetics of 1,3-dichlorobenzene and its urinary metabolites after controlled airborne exposure in human volunteers.

Serum Level of Protein-Bound Uraemic Toxins in Haemodialysis Patients with Chronic Kidney Disease-Associated Pruritus: Myths and Facts.

Pyruvate kinase M2 modification by a lipid peroxidation byproduct acrolein contributes to kidney fibrosis.

Associations between residential volatile organic compound exposures and liver injury markers: The role of biological sex and race.

A case of severe paraquat poisoning treated by continuous hemodiafiltration without sequelae.

Rural Land Management and Kidney Health.

Urinary excretion of phthalates and the substitutes DINCH and DEHTP in Danish young men and German young adults between 2000 and 2017 - A time trend analysis.

Effects of p-cresol, a uremic toxin, on cancer cells.

Risk of Environmental Chemicals on Bone Fractures Is Independent of Low Bone Mass in US Adults: Insights from 2017 to 2018 NHANES.

Effects of the Vitamin D3 on Alleviating the Oxidative Stress Induced by Diquat in Wenchang Chickens.

Multi-Omics Analyses Reveal the Mechanisms of Early Stage Kidney Toxicity by Diquat.

Pesticide exposure and asthma morbidity in children residing in urban, multi-family housing.

The kidney drug transporter OAT1 regulates gut microbiome-dependent host metabolism.

Selectively mixed matrix hemodialysis membrane for adequate clearance of p-cresol by the incorporation of imprinted zeolite.

Negligible Toxicokinetic Differences of Glyphosate by Different Vehicles in Rats.

The Effect of Sub-chronic Linuron Exposure on Thyroid, Liver, and Kidney Function in Male Wistar Rats.

Ameliorating effect of *Mucuna pruriens* seed extract on sodium arsenite-induced testicular toxicity and hepato-renal histopathology in rats.

Assessment of exposure to volatile organic compounds through urinary concentrations of their metabolites in pet dogs and cats from the United States.

Purification and biochemical characterization of catalase that confers protection against hydrogen peroxide induced by stressful desert environment: the *Camelus Dromedarius* kidney catalase.

Epidemiology and renal injury following 2-methyl-4-chlorophenoxyacetic acid (MCPA) poisoning.

Glyphosate disturbs various epigenetic processes in vitro and in vivo - A mini review.

Signaling pathways involved in paraquat-induced pulmonary toxicity: Molecular mechanisms and potential therapeutic drugs.

Pre-Conceptional Exposure to Glyphosate Affects the Maternal Hepatic and Ovarian Proteome.

Immunosuppressive therapies attenuate paraquat-induced renal dysfunction by suppressing inflammatory responses and lipid peroxidation.

Urinary 2,4-dichlorophenoxyacetic acid in Chinese pregnant women at three trimesters: Variability, exposure characteristics, and association with oxidative stress biomarkers.

Molecular signatures associated with diuron exposure on rat urothelial mitochondria.

The toxicokinetics of acute paraquat poisoning in specific patients: a case series.

Potential Mechanisms Involved in Chronic Kidney Disease of Unclear Etiology.

Cross-sectional and longitudinal associations of acrolein exposure with pulmonary function alteration: Assessing the potential roles of oxidative DNA damage, inflammation, and pulmonary epithelium injury in a general adult population.

Oxidative stress of glyphosate, AMPA and metabolites of pyrethroids and chlorpyrifos pesticides among primary school children in Cyprus.

Melatonin ameliorates renal dysfunction in glyphosate- and hard water-treated mice.

Urinary glyphosate kinetics after occupational exposure.

Effects of exposure to glyphosate on oxidative stress, inflammation, and lung function in maize farmers, Northern Thailand.

The Association Between 2, 4-Dichlorophenoxyacetic Acid and Erectile Dysfunction.

Risk assessment of glyphosate and malathion pollution and their potential impact on *Oreochromis niloticus*: role of organic selenium supplementation.

Isorhapontigenin Modulates SOX9/TOLLIP Expression to Attenuate Cell Apoptosis and Oxidative Stress in Paraquat-Induced Acute Kidney Injury.

Increased acrolein-DNA adducts in buccal brushings of e-cigarette users.

An in vitro strategy using multiple human induced pluripotent stem cell-derived models to assess the toxicity of chemicals: A case study on paraquat.

Acetochlor Affects Bighead Carp (*Aristichthys Nobilis*) by Producing Oxidative Stress, Lowering Tissue Proteins, and Inducing Genotoxicity.

Urinary Levels of Sirtuin-1, Î€-Glutathione S-Transferase, and Mitochondrial DNA in Maize Farmer Occupationally Exposed to Herbicide.

Role of OCT3 and DRP1 in the Transport of Paraquat in Astrocytes: A Mouse Study.

Ameliorative effect of selenium yeast supplementation on the physio-pathological impacts of chronic exposure to glyphosate and or malathion in *Oreochromis niloticus*.

Developmental toxicity of glyphosate on embryo-larval zebrafish (*Danio rerio*).

Endocrine, immune and renal toxicity in male largemouth bass after chronic exposure to glyphosate and Rodeo®.

A review of molecular mechanisms linked to potential renal injury agents in tropical rural farming communities.

Protective effect of *Thymus munbyanus* aqueous extract against 2,4-dichlorophenoxyacetic acid-induced nephrotoxicity in Wistar rats.

Clinicohematological, Mutagenic, and Oxidative Stress Induced by Pendimethalin in Freshwater Fish Bighead Carp (*Hypophthalmichthys nobilis*).

[Dynamic changes of locus coeruleus damage in Parkinson's disease-like mice induced by paraquat].

Paraquat toxicity in different cell types of Swiss albino mice.

Protective effects of antioxidants on striatal dopamine release induced by organophosphorus pesticides.

Acute exposure to paraquat affects the phenotypic differentiation of substantia nigra microglia in rats.

Toxicity of the herbicides used on herbicide-tolerant crops, and societal consequences of their use in France.

Comparative Toxicogenomics of Glyphosate and Roundup Herbicides by Mammalian Stem Cell-Based Genotoxicity Assays and Molecular Profiling in Sprague-Dawley Rats.

Association between increasing agricultural use of 2,4-D and population biomarkers of exposure: findings from the National Health and Nutrition Examination Survey, 2001-2014.

Attenuating effect of *Prosopis cineraria* against paraquat-induced toxicity in prepubertal mice, *Mus musculus*.

Exposure to pesticides and pediatric Wilms' tumor. A meta-analysis on pre-conception and pregnancy parental exposure with an IARC/WHO commentary.

Protective Effects of N-acetylcysteine Niosome Nanoparticles on Paraquat-induced Nephrotoxicity in Male Rats.

Silymarin protects the rats against paraquat-induced acute kidney injury via Nrf2.

In vitro cytotoxicity and genotoxicity of single and combined pesticides used by Bolivian farmers.

Response of the nuclear xenobiotic receptors to alleviate glyphosate-based herbicide-induced nephrotoxicity in weaned piglets.

Urinary glyphosate concentration in pregnant women in relation to length of gestation.

An ecological study regarding the association between paraquat exposure and end stage renal disease.

Lung transplantation in a woman with paraquat poisoning that led to pulmonary fibrosis-Widely reported by the media: A case report.

Case series: Diquat poisoning with acute kidney failure, myocardial damage, and rhabdomyolysis.

Quantitation of DNA Adducts Resulting from Acrolein Exposure and Lipid Peroxidation in Oral Cells of Cigarette Smokers from Three Racial/Ethnic Groups with Differing Risks for Lung Cancer.

DNA Damage and Oxidative Stress of Tobacco Smoke Condensate in Human Bladder Epithelial Cells.

Acrolein plays a culprit role in the pathogenesis of diabetic nephropathy in vitro and in vivo.

Acute diquat poisoning causes rhabdomyolysis.

Arsenic exposure and respiratory outcomes during childhood in the INMA study.

Prediction of mortality and morbidity following paraquat poisoning based on trend of liver and kidney injury.

Total arsenic, dimethylarsinic acid, lead, cadmium, total mercury, methylmercury and hypertension among Asian populations in the United States: NHANES 2011-2018.

Experimental Study on the Mechanism of Cinnamaldehyde Ameliorate Proteinuria Induced by Adriamycin.

Pentachlorophenol exposure in early pregnancy and gestational diabetes mellitus: A nested case-control study.

Protective effect of cinnamaldehyde on channel catfish infected by drug-resistant *Aeromonas hydrophila*.

Cigarette Smoke Containing Acrolein Contributes to Cisplatin Resistance in Human Bladder Cancers through the Regulation of HER2 Pathway or FGFR3 Pathway.

The Cooked Meat Carcinogen 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine Hair Dosimeter, DNA Adductomics Discovery, and Associations with Prostate Cancer Pathology Biomarkers.

Homicidal paraquat poisoning: Poisoned while drinking.

Acute diquat poisoning resulting in toxic encephalopathy: a report of three cases.

Comparison of Biochemical Parameters between Mouse Model and Human after Paraquat Poisoning.

Association of urinary arsenic and sleep disorder in the US population: NHANES 2015-2016.

Urinary acrolein metabolites, systemic inflammation, and blood lipids: Results from the National Health and Nutrition Examination Survey.

Anticancer Effects of Cinnamaldehyde Through Inhibition of ErbB2/HSF1/LDHA Pathway in 5637 Cell Line of Bladder Cancer.

Lessons for the clinical nephrologist: acute kidney injury by a glyphosate-surfactant herbicide.

Cinnamaldehyde attenuates kidney senescence and injury through PI3K/Akt pathway-mediated autophagy via downregulating miR-155.

Contribution of gut bacteria to arsenic metabolism in the first year of life in a prospective birth cohort.

Concentrations of blood and urinary arsenic species and their characteristics in general Korean population.

Interactive effects of high temperature and pesticide exposure on oxidative status, apoptosis, and renin expression in kidney of goldfish: Molecular and cellular mechanisms of widespread kidney damage and renin attenuation.

Peripheral tissular analysis of rapamycin's effect as a neuroprotective agent in vivo.

Self-Emulsifying Drug Delivery System Enhances Tissue Distribution of Cinnamaldehyde by Altering the Properties of the Mucus Layer.

Higher proportion of agricultural land use around the residence is associated with higher urinary concentrations of AMPA, a glyphosate metabolite.

Molecular Mechanisms of Acute Organophosphate Nephrotoxicity.

A clinico-epidemiological Study of acute Self-poisoning by different Types of herbicidal Substances used in agricultural Fields: A Study from Patients admitted in a Tertiary Care Hospital in West Bengal.

Associations of maternal urinary arsenic concentrations during pregnancy with childhood cognitive abilities: The HOME study.

Association of urinary metabolites of non-persistent pesticides with serum sex hormones among the US females: NHANES 2013-2014.

A Deadly Herbicide 'Paraquat Poisoning' and Miserable Death of a 19 Years Boy.

In vitro toxicity of glyphosate in Atlantic salmon evaluated with a 3D hepatocyte-kidney co-culture model.

Association of albumin to creatinine ratio with urinary arsenic and metal exposure: evidence from NHANES 2015-2016.

Impacts of dietary exposure to pesticides on faecal microbiome metabolism in adult twins.

Firefighters' urinary concentrations of VOC metabolites after controlled-residential and training fire responses.

Temporal trend and cross-sectional characterization of urinary concentrations of glyphosate in Japanese children from 2006 to 2015.

Prenatal arsenic exposure, arsenic methylation efficiency, and neuropsychological development among preschool children in a Spanish birth cohort.

Association of Glyphosate Exposure with Blood DNA Methylation in a Cross-Sectional Study of Postmenopausal Women.

The association between urinary glyphosate and aminomethyl phosphonic acid with biomarkers of oxidative stress among pregnant women in the PROTECT birth cohort study.

TRPA1 Channel Activation With Cinnamaldehyde Induces Cutaneous Vasodilation Through NOS, but Not COX and KCa Channel, Mechanisms in Humans.

Probiotic Bifidobacteria Mitigate the Deleterious Effects of para-Cresol in a Drosophila melanogaster Toxicity Model.

Mixed exposure to phenol, parabens, pesticides, and phthalates and insulin resistance in NHANES: A mixture approach.

Nano-formulations in treatment of iron deficiency anaemia: An overview.

Functional analysis of RYR1 variants in patients with confirmed susceptibility to malignant hyperthermia.

Association between trichlorophenols and neurodegenerative diseases: A cross-sectional study from NHANES 2003-2010.

Betaine attenuates sodium arsenite-induced renal dysfunction in rats.

2,4-Dinitrophenol as an Uncoupler Augments the Anthracyclines Toxicity against Prostate Cancer Cells.

Analysis of environmental chemical mixtures and nonalcoholic fatty liver disease: NHANES 1999-2014.

N-myc downstream regulated gene 1 (ndrg1) functions as a molecular switch for cellular adaptation to hypoxia.

Severe methyl bromide poisoning causing early acute renal failure and anuria: a case report.

LC-MS metabolomics of urine reveals distinct profiles for non-muscle-invasive and muscle-invasive bladder cancer.

Urinary organic acids spectra in children with altered gut microbiota composition and autistic spectrum disorder.

Synbiotics, prebiotics and probiotics for solid organ transplant recipients.

Mass Spectrometric Quantitation of N'-Nitrosonornicotine-1N-oxide in the Urine of Cigarette Smokers and Smokeless Tobacco Users.

Enzobiotics-A Novel Therapy for the Elimination of Uremic Toxins in Patients with CKD (EETOX Study): A Multicenter Double-Blind Randomized Controlled Trial.

Correlation of inflammatory biomarkers with the diversity of Bacteroidaceae, Bifidobacteriaceae, Prevotellaceae and Lactobacillaceae families in the intestinal microbiota of patients with end stage renal disease.

Urinary polycyclic aromatic hydrocarbon, arsenic, and metal exposure and correlation with emphysema in smokers.

The Accumulation of Gut Microbiome-derived Indoxyl Sulfate and P-Cresyl Sulfate in Patients With End-stage Renal Disease.

Ameliorative role of inducible nitric oxide synthase inhibitors against sodium arsenite-induced renal and hepatic dysfunction in rats.

Damage of uremic myocardium by p-cresyl sulfate and the ameliorative effect of Klotho by regulating SIRT6 ubiquitination.

Carboxymethylation of Desmodium styracifolium Polysaccharide and Its Repair Effect on Damaged HK-2 Cells.

A Comprehensive Transcriptomic Analysis of Arsenic-Induced Bladder Carcinogenesis.

Removal of Uremic Solutes from Dialysate by Activated Carbon.

Association between environmental toxic metals, arsenic and polycyclic aromatic hydrocarbons and chronic obstructive pulmonary disease in the US adult population.

Arsenic Speciation and Metallomics Profiling of Human Toenails as a Biomarker to Assess Prostate Cancer Cases: Atlantic PATH Cohort Study.

Radiosynthesis and characterization of a carbon-11 PET tracer for receptor-interacting protein kinase 1.

Prevalence of type 2 diabetes mellitus in relation to arsenic exposure and metabolism in Mexican women.

Xanthogranulomatous pyelonephritis in a pediatric patient.

Physiologically-based pharmacokinetic model for 2,4-dinitrophenol.

Sodium arsenite does not affect prostate carcinogenesis in a chemically-hormonally-induced rat model.

A combination of amino-functionalized fibrous silica (KCC-1-NH₂)/effectively and efficiently oxidized graphene oxide (EEO) nanocomposite for dispersive solid-phase extraction, pre-concentration and fluorescence determination of total para-cresol in plasma samples of chronic kidney disease patients.

Feeding cats with chronic kidney disease food supplemented with betaine and prebiotics increases total body mass and reduces uremic toxins.

Comparison of Ferric Sodium EDTA in Combination with Vitamin C, Folic Acid, Copper Gluconate, Zinc Gluconate, and Selenomethionine as Therapeutic Option for Chronic Kidney Disease Patients with Improvement in Inflammatory Status.

[Effect of panlong needling at Jiaji (EX-B 2) on motor dysfunction in patients with Parkinson's disease of liver and kidney deficiency: a randomized controlled trial].

Molecular characterization of the aryl hydrocarbon receptor 2 gene in black rockfish, *Sebastes schlegelii*, and its expression patterns upon exposure to benzo[a]pyrene, 2,3,7,8-tetrachlorodibenzo-p-dioxin, and 1^β-naphthoflavone.

Phage therapy for refractory periapical periodontitis caused by *Enterococcus faecalis* in vitro and in vivo.

Toenail speciation biomarkers in arsenic-related disease: a feasibility study for investigating the association between arsenic exposure and chronic disease.

Reproductive and developmental evaluations of triclopyr acid, triclopyr butoxyethyl ester and triclopyr triethylamine salt in the rat.

Cancer and occupational exposure to pesticides: a bibliometric study of the past 10 years.

Tryptophan Metabolites Regulate Neurotensin 1 Expression in Endothelial Cells.

Epidemiology of hospitalizations due to pesticide intoxication-associated acute kidney injury in China.

Oral iron supplementation in patients with chronic kidney disease: Can it be harmful to the gut microbiota?

p-Cresyl Sulfate Predicts Ischemic Stroke among Patients on Hemodialysis: A Prospective Cohort Study.

A randomized double-blind cross-over trial to study the effects of resistant starch prebiotic in chronic kidney disease (ReSPECKD).

Measurement of Urinary Triclocarban and 2,4-Dichlorophenol Concentration and Their Relationship with Obesity and Predictors of Cardiovascular Diseases among Children and Adolescents in Kerman, Iran.

Impact of Uremic Toxins on Endothelial Dysfunction in Chronic Kidney Disease: A Systematic Review.

Development and Characterization of Curcumin-Silver Nanoparticles as a Promising Formulation to Test on Human Pterygium-Derived Keratinocytes.

Novel intestinal dialysis interventions and microbiome modulation to control uremia.

Gut mobilization improves behavioral symptoms and modulates urinary p-cresol in chronically constipated autistic children: A prospective study.

Gut Microbiome-Dependent Metabolic Pathways and Risk of Lethal Prostate Cancer: Prospective Analysis of a PLCO Cancer Screening Trial Cohort.

Biotic Supplements in Patients With Chronic Kidney Disease: Meta-Analysis of Randomized Controlled Trials.

Toluene: correlation between occupational exposure limits and biological exposure indices.

Acrolein-inducing ferroptosis contributes to impaired peripheral neurogenesis in zebrafish.

Effects of Pesticide Intake on Gut Microbiota and Metabolites in Healthy Adults.

Rare fatal poisoning through dermal exposure to paraquat.

Early life organophosphate ester exposures and bone health at age 12 years: The Health Outcomes and Measures of the Environment (HOME) Study.

Incorporating zeolitic-imidazolate framework-8 nanoparticles into kidney scaffolds: a first step towards innovative renal therapies.

Quercetin Zinc and Iron Metal Complexes Protect against Sodium Arsenite Intoxication in the Hepato-Renal System of Wistar Rats via the Oxidative Stress Pathway.

Ethnicity Associated Microbial and Metabonomic Profiling in Newly Diagnosed Ulcerative Colitis.

Effects of various Fe compounds on the bioavailability of Pb contained in orally ingested soils in mice: Mechanistic insights and health implications.

Urinary volatile organic compound metabolites and reduced lung function in U.S. adults.

Estimated daily intake of phthalates, parabens, and bisphenol A in hospitalised very low birth weight infants.

The modulation of gut microbiota by herbal medicine to alleviate diabetic kidney disease - A review.

Characterization of Urinary Pesticide Metabolite Concentrations of Pregnant Women in Suriname.

Reliable determination of the main metabolites of 2-phenoxyethanol in human blood and urine using LC-MS/MS analysis.

Epigallocatechin-3-Gallate Decreases Plasma and Urinary Levels of p-Cresol by Modulating Gut Microbiota in Mice.

Effect of water diuresis with hydrogen saturation on the course of acute kidney damage during the separation of oxidation and phosphorylation.

Microbiome alterations from volatile organic compounds (VOC) exposures among workers in salons primarily serving women of color.

Drug transporters OAT1 and OAT3 have specific effects on multiple organs and gut microbiome as revealed by contextualized metabolic network reconstructions.

Chemical Composition and Cytotoxic Activity of Extracts from *Carpesium divaricatum*: In Vitro- versus Field-Grown Plants.

The Role of Acrolein in Neurodegenerative Diseases and Its Protective Strategy.

Protective efficacy of *Coriandrum sativum* seeds against arsenic induced toxicity in Swiss albino mice.

The involvement of branched-chain amino acids (BCAAs) in aromatic trihalogenated DBP exposure-induced kidney damage in mice.

The efficacy of hemodialysis on paraquat poisoning mortality: A systematic review and meta-analysis.

Altered gut microbiota and gut-derived p-cresyl sulfate serum levels in peritoneal dialysis patients.

In Vitro Induction of Eryptosis by Uremic Toxins and Inflammation Mediators in Healthy Red Blood Cells.

The Significance of Estimated Glomerular Filtration Rate for Predicting Mortality in Glyphosate Herbicide-Intoxicated Patients: A Single-Center, Retrospective Observational Study.

Beta-glucan effects on 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity in liver and brain.

Efficacy of Oral Versus Injectable Iron in Patients With Chronic Kidney Disease: A Two-Year Cross-Sectional Study Conducted at a Rural Teaching Hospital.

Diquat Herbicide Organophosphate Poisoning and Multi-Organ Failure: A Case Report.

The Effects of Resistant Starch Consumption in Adult Patients With Chronic Kidney Disease: A Systematic Review.

Research on the Relationship between Exposure to Dioxins and Cancer Incidence in Vietnam.

Paraquat induced oxidative stress, DNA damage, and cytotoxicity in lymphocytes.

Cytomegalovirus-related Cystitis in a Patient with Membranous Glomerulonephritis Receiving Cyclophosphamide: A Case Study.

Disinfection byproducts in chlorinated or brominated swimming pools and spas: Role of brominated DBPs and association with mutagenicity.

Red propolis reduces inflammation in cyclophosphamide-induced hemorrhagic cystitis in rats.

A glyphosate-based herbicide disrupted hematopoiesis and induced organ toxicities, ameliorated by vitamin B(12) in a mouse model.

Use of in vitro metabolism and biokinetics assays to refine predicted in vivo and in vitro internal exposure to the cosmetic ingredient, phenoxyethanol, for use in risk assessment.

Exposure to Contemporary and Emerging Chemicals in Commerce among Pregnant Women in the United States: The Environmental influences on Child Health Outcome (ECHO) Program.

Clinical characteristics, treatment and outcomes of acute propanil poisoning in a 7-year retrospective cohort study.

Novel Imidazole Phenoxyacetic Acids as Inhibitors of USP30 for Neuroprotection Implication via the Ubiquitin-Rho-110 Fluorometric Assay: Design, Synthesis, and In Silico and Biochemical Assays.

Pesticide exposure in New Zealand school-aged children: Urinary concentrations of biomarkers and assessment of determinants.

Tea polyphenols alleviates acetochlor-induced apoptosis and necroptosis via ROS/MAPK/NF- κ B signaling in Ctenopharyngodon idellus kidney cells.

Prediction of tissue and urine concentrations of 2-phenoxyethanol and its metabolite 2-phenoxyacetic acid in rat and human after oral and dermal exposures via GastroPlus(TM) physiologically based pharmacokinetic modelling.

Associations of total urinary arsenic with total cholesterol and high-density lipoprotein among 12-17-year-old participants from the 2009-2016 NHANES cycles: A cross-sectional study.

Effects of perinatal exposure to endocrine-disrupting chemicals on the reproductive system of F3 generation male rodents: a meta-analysis.

Health Risk Assessment of Ortho-Toluidine Utilising Human Biomonitoring Data of Workers and the General Population.

Randomized Crossover Trial Evaluating Detoxification of Tobacco Carcinogens by Broccoli Seed and Sprout Extract in Current Smokers.

Environmental induced transgenerational inheritance impacts systems epigenetics in disease etiology.

Thunbergia laurifolia aqueous leaf extract ameliorates paraquat-induced kidney injury by regulating NADPH oxidase in rats.

Kidney and lung injury in rats following acute diquat exposure.

Association of urinary triclosan, methyl triclosan, triclocarban, and 2,4-dichlorophenol levels with anthropometric and demographic parameters in children and adolescents in 2020 (case study: Kerman, Iran).

Catheter-associated urinary tract infections in adult intensive care units at a selected tertiary hospital, Addis Ababa, Ethiopia.

Exposure and Risk Assessment of Second- and Third-Hand Tobacco Smoke Using Urinary Cotinine Levels in South Korea.

Lead acetate versus cadmium sulfate in the modulation of main physiological pathways controlling detrusor muscle contractility in rat.

Significant Correlations between p-Cresol Sulfate and Mycophenolic Acid Plasma Concentrations in Adult Kidney Transplant Recipients.

Concentration of current-use pesticides in frogs from the Pampa region and correlation of a mixture toxicity index with biological effects.

Morphological and Molecular Description of a New Species *Haematoloechus dehradunensis* sp. nov. (Plagiorchidae: Haematoloechinae) from the Lungs of *Euphlyctis cyanophlyctis* (Anura, Dicroglossidae) from Dehradun, along with a Note on *H. singaporensis* Yuen, 1962, a New Record to India.

Effects of the L-tyrosine-derived bacterial metabolite p-cresol on colonic and peripheral cells.

Role of ACSL4 in the chemical-induced cell death in human proximal tubule epithelial HK-2 cells.

Diet and food type affect urinary pesticide residue excretion profiles in healthy individuals: results of a randomized controlled dietary intervention trial.

Geographical distribution of dioxins, cadmium, and mercury concentrations in reindeer liver, kidneys, and muscle in the Russian Far North.

Liver-specific decrease in *Tff3* gene expression in infant mice perinatally exposed to 2,3,7,8-tetrabromodibenzofuran or 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Alkaline Diuresis as Treatment for 2,4-D Dimethylamine Herbicide Intoxication.

Exposome of attention deficit hyperactivity disorder in Taiwanese children: exploring risks of endocrine-disrupting chemicals.

Repeated Low-Dose Acrolein Triggers Irreversible Lamina Propria Edema in Urinary Bladder, Transient Voiding Behavior and Widening of Eyes to Mechanical Stimuli.

Acute exposition to Roundup Transorb® induces systemic oxidative stress and alterations in the expression of newly sequenced genes in silverside fish (*Odontesthes humensis*).

Vitamin D(3) Protects Mice from Diquat-Induced Oxidative Stress through the NF- κ B/Nrf2/HO-1 Signaling Pathway.

Exposure to glyphosate and tetrachlorvinphos induces cytotoxicity and global DNA methylation in human cells.

Prenatal exposure to organophosphate and pyrethroid insecticides and the herbicide 2,4-dichlorophenoxyacetic acid and size at birth in urban pregnant women.

Global transcriptome profiling reveals antagonizing response of head kidney of juvenile common carp exposed to glyphosate.

Glyphosate and Polyoxyethyleneamine Ingestion Leading to Renal, Hepatic, and Pulmonary Failure.

Risk Assessment of Glyphosate Exposures from Pilot Study with Simulated Heavy Residential Consumer Application of Roundup® using a Margin of Safety (MOS) Approach.

Overexpression of TOLLIP Protects against Acute Kidney Injury after Paraquat Intoxication through Inhibiting NLRP3 Inflammasome Activation Modulated by Toll-Like Receptor 2/4 Signaling.

Low-Dose Acrolein, an Endogenous and Exogenous Toxic Molecule, Inhibits Glucose Transport via an Inhibition of Akt-Regulated GLUT4 Signaling in Skeletal Muscle Cells.

Glucocorticoid with cyclophosphamide for oral paraquat poisoning.

AQP2 as a target of lycopene protects against atrazine-induced renal ionic homeostasis disturbance.

Isorhynchophylline ameliorates paraquat-induced acute kidney injury by attenuating oxidative stress and mitochondrial damage via regulating toll-interacting expression.

Urinary excretion of herbicide co-formulants after oral exposure to roundup MON 52276 in rats.

Prognostic value of liver and kidney function parameters and their correlation with the ratio of urine-to-plasma paraquat in patients with paraquat poisoning.

Prenatal Exposure to Glyphosate and Its Environmental Degradate, Aminomethylphosphonic Acid (AMPA), and Preterm Birth: A Nested Case-Control Study in the PROTECT Cohort (Puerto Rico).

Growth performance and reproductive function impairment of glyphosate-based herbicide in male guinea pig (*Cavia porcellus*).

Urinary microRNAs as non-invasive biomarkers for toxic acute kidney injury in humans.

Paraquat pharmacokinetics in primates and extrapolation to humans.

Modulation of BAG3 expression in human normal urothelial cells by Diuron.

Occupational Paraquat and Glyphosate Exposure May Decline Renal Functions among Rural Farming Communities in Sri Lanka.

Effect of Occupational Exposure to Herbicides on Oxidative Stress in Sprayers.

2,4-Dichlorophenoxyacetic acid induced hepatic and renal toxicological perturbations in rat model: Attenuation by selenium supplementation.

Evaluation of the potential teratogenic and toxic effect of the herbicide 2,4-D (DMA[®] 806) in bullfrog embryos and tadpoles (*Lithobates catesbeianus*).

Paraquat Inhalation, a Translationally Relevant Route of Exposure: Disposition to the Brain and Male-Specific Olfactory Impairment in Mice.

Low-dose exposure of glyphosate-based herbicides disrupt the urine metabolome and its interaction with gut microbiota.

The agrochemical S-metolachlor disrupts molecular mediators and morphology of the swim bladder: Implications for locomotor activity in zebrafish (*Danio rerio*).

Melatonin alleviates the deterioration of oocytes and hormonal disorders from mice subjected to glyphosate.

Profiling and fingerprinting strategies to assess exposure of edible plants to herbicides.

Cholemic Nephrosis: An Autopsy Study of a Forgotten Entity.

Chitosan microparticles as entrapment system for trans- cinnamaldehyde: Synthesis, drug loading, and in vitro cytotoxicity evaluation.

Life-threatening triclopyr poisoning due to diethylene glycol monoethyl ether solvent.

Research on the Mechanism of Guizhi to Treat Nephrotic Syndrome Based on Network Pharmacology and Molecular Docking Technology.

Exposure to 2,4-dichlorophenol, 2,4,6-trichlorophenol, pentachlorophenol and risk of thyroid cancer: a case-control study in China.

Reduced Acrolein Detoxification in akr1a1a Zebrafish Mutants Causes Impaired Insulin Receptor Signaling and Microvascular Alterations.

Urinary arsenic and heart disease mortality in NHANES 2003-2014.

The relationship between chronic arsenic exposure and body measures among US adults: National Health and Nutrition Examination Survey 2009-2016.

Association between pesticide exposure and colorectal cancer risk and incidence: A systematic review.

The Stage at Presentation and Oncologic Outcomes for Agent Orange Exposed and Non-Exposed United States Veterans Diagnosed With Prostate Cancer.

High-dose diquat poisoning: a case report.

Pilot study on the urinary excretion of the glyphosate metabolite aminomethylphosphonic acid and breast cancer risk: The Multiethnic Cohort study.

Urinary total arsenic and arsenic methylation capacity in pregnancy and gestational diabetes mellitus: A case-control study.

Effect and Safety of Cinnamaldehyde on Immunosuppressed Mice with Invasive Pulmonary Candidiasis.

[Progress in the study of pulmonary fibrosis signaling pathways caused by paraquat poisoning].

Polyamine biomarkers as indicators of human disease.

Urinary Levels of the Acrolein Conjugates of Carnosine Are Associated with Cardiovascular Disease Risk.

Gallic acid exerts anti-inflammatory, anti-oxidative stress, and nephroprotective effects against paraquat-induced renal injury in male rats.

Absorption, Distribution, Metabolism, and Excretion of a New Herbicide, Epyrifenacil, in Rats.

Epigenome-wide association study for glyphosate induced transgenerational sperm DNA methylation and histone retention epigenetic biomarkers for disease.

Involvement of mitochondrial fission in renal tubular pyroptosis in mice exposed to high and environmental levels of glyphosate combined with hard water.

Maternal urinary levels of glyphosate during pregnancy and anogenital distance in newborns in a US multicenter pregnancy cohort.

Metribuzin-induced non-adverse liver changes result in rodent-specific non-adverse thyroid effects via uridine 5'-diphospho-glucuronosyltransferase (UDPGT, UGT) modulation.

Exposure to volatile organic compounds - acrolein, 1,3-butadiene, and crotonaldehyde - is associated with vascular dysfunction.

Arsenic Exposure, Arsenic Metabolism, and Glycemia: Results from a Clinical Population in New York City.

Dietary intake and urinary excretion of methylated arsenicals of Japanese adults consuming marine foods and rice.

Urinary concentrations of 2,4-D in repeated samples from 0-7 year old healthy children in central and south China.

Associations between blood arsenic and urinary arsenic species concentrations as an exposure characterization tool.

Cardioprotective and nephroprotective effects of Quercetin against different toxic agents.

Chrysin attenuates sodium arsenite-induced nephrotoxicity in rats by suppressing oxidative stress and inflammation.

The Binding of Aripiprazole to Plasma Proteins in Chronic Renal Failure Patients.

Gut Microbiota and Their Derived Metabolites, a Search for Potential Targets to Limit Accumulation of Protein-Bound Uremic Toxins in Chronic Kidney Disease.

Potential role of dietary chitosan nanoparticles against immunosuppression, inflammation, oxidative stress, and histopathological alterations induced by pendimethalin toxicity in Nile tilapia.

Impaired Tubular Secretion of Organic Solutes in Advanced Chronic Kidney Disease.

DNA Damage and Expression Profile of Genes Associated with Nephrotoxicity Induced by Butralin and Ameliorating Effect of Arabic Gum in Female Rats.

Ameliorative role of rolipram, PDE-4 inhibitor, against sodium arsenite-induced vascular dementia in rats.

Joint effect of urinary arsenic species and serum one-carbon metabolism nutrients on gestational diabetes mellitus: A cross-sectional study of Chinese pregnant women.

The protective effect of Xanthoceras sorbifolia Bunge husks on cognitive disorder based on metabolomics and gut microbiota analysis.

Passage Number-Induced Replicative Senescence Modulates the Endothelial Cell Response to Protein-Bound Uremic Toxins.

Human prostate epithelial cells and prostate-derived stem cells malignantly transformed in vitro with sodium arsenite show impaired Toll like receptor -3 (TLR3)-associated anti-tumor pathway.

Sphingolipid imbalance and inflammatory effects induced by uremic toxins in heart and kidney cells are reversed by dihydroceramide desaturase 1 inhibition.

Effects of prebiotic oligofructose-enriched inulin on gut-derived uremic toxins and disease progression in rats with adenine-induced chronic kidney disease.

The protein-bound uremic toxin p-cresyl-sulfate promotes intracellular ROS production and lipid peroxidation in 3T3-L1 adipose cells.

Prenatal exposure to arsenic and lung function in children from the New Hampshire Birth Cohort Study.

Protein-Bound Uremic Toxins Lowering Effect of Sevelamer in Pre-Dialysis Chronic Kidney Disease Patients with Hyperphosphatemia: A Randomized Controlled Trial.

The consequences of altered microbiota in immune-related chronic kidney disease.

Effect of renal impairment on arsenic accumulation, methylation capacity, and safety in acute promyelocytic leukemia (APL) patients treated with arsenic trioxide.

Relationship between acute kidney injury and mortality in poisoning - a systematic review and meta-analysis.

Uremic endothelial-derived extracellular vesicles: Mechanisms of formation and their role in cell adhesion, cell migration, inflammation, and oxidative stress.

Evaluation of Salivary Indoxyl Sulfate with Proteinuria for Predicting Graft Deterioration in Kidney Transplant Recipients.

In Vitro and Clinical Pharmacokinetic Studies of the Effects of Iron-containing Agents on Vadadustat, an Oral Hypoxia-inducible Factor-Prolyl Hydroxylase Inhibitor.

Overexpression of miR-19a and miR-20a in iPS-MSCs preserves renal function of chronic kidney disease with acute ischaemia-reperfusion injury in rat.

Association Between Kidney Clearance of Secretory Solutes and Cardiovascular Events: The Chronic Renal Insufficiency Cohort (CRIC) Study.

Circulating p-Cresyl Sulfate, Non-Hepatic Alkaline Phosphatase and Risk of Bone Fracture Events in Chronic Kidney Disease-Mineral Bone Disease.

Skeletal myopathy in CKD: a comparison of adenine-induced nephropathy and 5/6 nephrectomy models in mice.

Gallic acid ameliorates sodium arsenite-induced renal and hepatic toxicity in rats.

Unconjugated p-cresol activates macrophage macropinocytosis leading to increased LDL uptake.

Urinary Volatilomics Unveils a Candidate Biomarker Panel for Noninvasive Detection of Clear Cell Renal Cell Carcinoma.

Detrimental effects of 6 months exposure to very low doses of a mixture of six pesticides associated with chronic vitamin deficiency on rats.

Can curcumin supplementation reduce plasma levels of gut-derived uremic toxins in hemodialysis patients? A pilot randomized, double-blind, controlled study.

[Risk factors associated with acute kidney injury caused by pesticide poisoning].

Associations among total p-cresylsulfate, indoxyl sulfate and hippuric acid levels with hemodialysis quality indicators in maintenance hemodialysis patients.

Klebsiella pneumoniae carbapenemase (KPC) in urinary infection isolates.

Dietary Strategies for Management of Metabolic Syndrome: Role of Gut Microbiota Metabolites.

Circulating short and medium chain fatty acids are associated with normoalbuminuria in type 1 diabetes of long duration.

Coenzyme Q(10) protected against arsenite and enhanced the capacity of 2,3-dimercaptosuccinic acid to ameliorate arsenite-induced toxicity in mice.

Ferric carboxymaltose vs. ferrous sulfate for the treatment of anemia in advanced chronic kidney disease: an observational retrospective study and cost analysis.

2,4-Dinitrophenol overdose - Everything old is new again.

Role of aryl hydrocarbon receptor (AHR) in overall retinoid metabolism: Response comparisons to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure between wild-type and AHR knockout mice.

Thrombolome and Its Emerging Role in Chronic Kidney Diseases.

The Role of Gut Bacterial Metabolites in Brain Development, Aging and Disease.

The relationship of indoxyl sulfate and p-cresyl sulfate with target cardiovascular proteins in hemodialysis patients.

Proportionate mortality study of unionized maintenance of way railroad workers.

pH-Dependent Protein Binding Properties of Uremic Toxins In Vitro.

A Positive Relationship between Exposure to Heavy Metals and Development of Chronic Diseases: A Case Study from Chile.

Predicting changes in renal metabolism after compound exposure with a genome-scale metabolic model.

Arsenite suppresses IL-2-dependent tumoricidal activities of natural killer cells.

Ameliorative role of bosentan, an endothelin receptor antagonist, against sodium arsenite-induced renal dysfunction in rats.

Inorganic arsenic-mediated upregulation of AS3MT promotes proliferation of nonsmall cell lung cancer cells by regulating cell cycle genes.

Uraemic toxins impair skeletal muscle regeneration by inhibiting myoblast proliferation, reducing myogenic differentiation, and promoting muscular fibrosis.

Toxin-Related Acute Kidney Injury.

Protein-Bound Uremic Toxins and Immunity.

Reno-Hepatoprotective and Antidiabetic Properties of Methanol Leaf Extract of *Laportea Aestuans* in Wistar Rats.

Effects of Uremic Toxins on the Binding of Aripiprazole to Human Serum Albumin.

P-cresol and Indoxyl Sulfate Impair Osteogenic Differentiation by Triggering Mesenchymal Stem Cell Senescence.

Arsenic metabolism differs between child and adult patients during acute arsenic poisoning.

A rat subchronic study transcriptional point of departure estimates a carcinogenicity study apical point of departure.

Effects of Probiotic Preparations on Inflammatory Cytokines in Chronic Kidney Disease Patients: A Systematic Review and Meta-Analysis.

TriTACs, a Novel Class of T-Cell-Engaging Protein Constructs Designed for the Treatment of Solid Tumors.

Prenatal exposure to glycol ethers and visual contrast sensitivity in 6-year-old children in the PELAGIE mother-child cohort.

Association of urinary chlorophenols with central obesity in Korean girls.

Differences in exposure to toxic and/or carcinogenic volatile organic compounds between Black and White cigarette smokers.

Associations Between Residential Exposure to Volatile Organic Compounds and Liver Injury Markers.

Water-soluble polycarbodiimides and their cytotoxic and antifungal properties.

Inhibitory effect of pirfenidone on pulmonary fibrosis in patients with acute paraquat poisoning.

Exposure to acetochlor impairs swim bladder formation, induces heat shock protein expression, and promotes locomotor activity in zebrafish (*Danio rerio*) larvae.

Urinary metabolites of multiple volatile organic compounds among general population in Wuhan, central China: Inter-day reproducibility, seasonal difference, and their associations with oxidative stress biomarkers.

Development and Validation of an LC-MS-MS Method for the Quantification of Cyanate in Rat Plasma and Its Application to Toxicokinetic Bioanalysis.

Could Mesna and Celery Seed Cotherapy Modulate Oxidative Stress and Inflammation of the Urinary Bladder Induced by Ifosfamide in Rabbits?

Paraquat-induced acute kidney and liver injury: Case report of a survivor from Bangladesh.

Seasonal Urinary Levels of Glyphosate in Children From Agricultural Communities.

Paraquat Poisoning Associated With Daisley Barton Syndrome: A Case Report.

Provision of folic acid for reducing arsenic toxicity in arsenic-exposed children and adults.

Short-Chain Fatty Acids Alleviate Hepatocyte Apoptosis Induced by Gut-Derived Protein-Bound Uremic Toxins.

The correlation between the level of 3-hydroxypropyl mercapturic acid, CYP2B6 polymorphisms, and hematuria occurrences after cyclophosphamide administration and its bioanalytical methods: A systematic review.

Low-Dose Cyclophosphamide Induces Nerve Injury and Functional Overactivity in the Urinary Bladder of Rats.

Absence of prostacyclin greatly relieves cyclophosphamide-induced cystitis and bladder pain in mice.

Dilated Cardiomyopathy Associated with Paraquat Herbicide Poisoning.

The AST-120 Recovers Uremic Toxin-Induced Cognitive Deficit via NLRP3 Inflammasome Pathway in Astrocytes and Microglia.

Rapid Glomerulotubular Nephritis as an Initial Presentation of a Lethal Diquat Ingestion.

Sugarcane Workweek Study: Risk Factors for Daily Changes in Creatinine.

Effect of Dietary Inulin Supplementation on the Gut Microbiota Composition and Derived Metabolites of Individuals Undergoing Hemodialysis: A Pilot Study.

Contribution of diet and other factors for urinary concentrations of total arsenic and arsenic species: data for US children, adolescents, and adults.

Perinatal Resveratrol Therapy to Dioxin-Exposed Dams Prevents the Programming of Hypertension in Adult Rat Offspring.

Characterization of human sulfotransferases catalyzing the formation of p-cresol sulfate and identification of mefenamic acid as a potent metabolism inhibitor and potential therapeutic agent for detoxification.

P2X7 Receptor Blockade Protects Against Acrolein-Induced Bladder Damage: A Potential New Therapeutic Approach for the Treatment of Bladder Inflammatory Diseases.

Fine particulate matter air pollution and aortic perivascular adipose tissue: Oxidative stress, leptin, and vascular dysfunction.

Personal exposure assessment of pesticides in residents: The association between hand wipes and urinary biomarkers.

Pesticide use and kidney function among farmers in the Biomarkers of Exposure and Effect in Agriculture study.

Trends in concentrations of selected dioxins and furans across various stages of kidney function for US adults.

Can kissing cause paraquat poisoning: A case report and review of literature.

Independent and combined associations of urinary heavy metals exposure and serum sex hormones among adults in NHANES 2013-2016.

Determination of Pendimethalin Dynamic Residual Distribution in Crucian Carp Tissues and Associated Risk Assessment.

A mechanism linking perinatal 2,3,7,8 tetrachlorodibenzo-p-dioxin exposure to lower urinary tract dysfunction in adulthood.

Metagenomic and phytochemical analyses of kefir water and its subchronic toxicity study in BALB/c mice.

Protective and therapeutic effect of hydrogen sulfide on hemorrhagic cystitis and testis dysfunction induced with cyclophosphamide.

In Vitro Selection of Probiotics, Prebiotics, and Antioxidants to Develop an Innovative Synbiotic (NatuREN G) and Testing Its Effect in Reducing Uremic Toxins in Fecal Batches from CKD Patients.

Endocrine, metabolic and apical effects of in utero and lactational exposure to non-dioxin-like 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180): A postnatal follow-up study in rats.

Pharmacokinetics of 2-phenoxyethanol and its major metabolite, phenoxyacetic acid, after dermal and inhaled routes of exposure: application to development PBPK model in rats.

Antibiotic exposure decreases soil arsenic oral bioavailability in mice by disrupting ileal microbiota and metabolic profile.

Ablation of Selenbp1 Alters Lipid Metabolism via the Ppar α Pathway in Mouse Kidney.

Role of Fucoidan on the Growth Behavior and Blood Metabolites and Toxic Effects of Atrazine in Nile Tilapia *Oreochromis niloticus* (Linnaeus, 1758).

Distribution and toxicity of persistent organic pollutants and methoxylated polybrominated diphenylethers in different tissues of the green turtle *Chelonia mydas*.

Contamination of Foods from Cameroon with Residues of 20 Halogenated Pesticides, and Health Risk of Adult Human Dietary Exposure.

2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure disrupts development of the visceral and ocular vasculature.

Urinary arsenic species and methylation efficiency during pregnancy: Concentrations and associated factors in Spanish pregnant women.

Measurement of urinary pesticide biomarkers among Latina farmworkers in southwestern Idaho.

Uremic Toxins in Organ Crosstalk.

Ethanol extract of *Vitellaria paradoxa* (Gaertn, F) leaves protects against sodium arsenite - induced toxicity in male wistar rats.

Paraquat poisoning in Andaman and Nicobar Islands - Government must intervene.

Physical activity, body mass index and arsenic metabolism among Mexican women.

Experimental acute arsenic toxicity in Balb/c mice: organic markers and splenic involvement.

Bach1 plays an important role in angiogenesis through regulation of oxidative stress.

Antioxidant effects of *Emblica officinalis* and *Zingiber officinalis* on arsenic and lead induced toxicity on Albino rats.

Simultaneous Determination of Multiple Reactive Carbonyl Species in High Fat Diet-Induced Metabolic Disordered Mice and the Inhibitory Effects of Rosemary on Carbonyl Stress.

2,4-Dichlorophenoxyacetic Acid Poisoning Mimicking as Organophosphorus Poisoning.

Arsenic-induced HER2 promotes proliferation, migration and angiogenesis of bladder epithelial cells via activation of multiple signaling pathways in vitro and in vivo.

Acute Changes in Thyroid Hormone Levels among Thai Pesticide Sprayers.

Urinary glyphosate biomonitoring of sprayers in vegetable farm in Thailand.

Short-term metabolic disruptions in urine of mouse models following exposure to low doses of oxygen ion radiation.

Liquid Biopsies in a Veteran Patient Population With Advanced Prostate and Lung Non-Small Cell Carcinomas: A New Paradigm and Unique Challenge in Personalized Medicine.

Renal tubular injury induced by glyphosate combined with hard water: the role of cytosolic phospholipase A2.

Synthesis and toxicity profile in 293 human embryonic kidney cells of the 12 D-glucuronide derivatives of ortho-, meta- and para-cresol.

Heart Rate Variability Analysis in Workers Exposed to Methyl Bromide as a Quarantine Treatment.

Transgenerational disease specific epigenetic sperm biomarkers after ancestral exposure to dioxin.

Epigenome-wide association study for atrazine induced transgenerational DNA methylation and histone retention sperm epigenetic biomarkers for disease.

Renal tubular injury by glyphosate-based herbicide.

Cellular injury leading to oxidative stress in acute poisoning with potassium permanganate/oxalic acid, paraquat, and glyphosate surfactant herbicide.

Reduction by, ligand exchange among, and covalent binding to glutathione and cellular thiols link metabolism and disposition of dietary arsenic species with toxicity.

Kidney developmental effects of metal-herbicide mixtures: Implications for chronic kidney disease of unknown etiology.

Urinary crystal formation and urothelial effects of pyroxasulfone administered to male rats.

Toxicological impacts of herbicide paraquat dichloride on histological profile (gills, liver, and kidney) of freshwater fish *Channa punctatus* (Bloch).

Ovarian mitochondrial and oxidative stress proteins are altered by glyphosate exposure in mice.

Determination of arsenicals in mouse tissues after simulated exposure to arsenic from rice for sixteen weeks and the effects on histopathological features.

Systemic Paraquat Intoxication Presenting with Peripheral Ulcerative Keratitis: A Case Report and Literature Review.

A Pilot Study to Assess Inhalation Exposures among Sugarcane Workers in Guatemala: Implications for Chronic Kidney Disease of Unknown Origin.

AhR-activating pesticides increase the bovine ABCG2 efflux activity in MDCKII-bABCG2 cells.

Effect of zinc supplementation on chronic hepatorenal toxicity following oral exposure to glyphosate-based herbicide (Bushfire[®]) in rats.

[Treatment of "hydration therapy" for acute paraquat poisoning].

[Study on the protective effect and mechanism of somatostatin on renal injury in paraquat intoxicated mice].

Investigation of simple, objective, and effective indicators for predicting acute paraquat poisoning outcomes.

Cytogenotoxic effect of propanil using the *Lens culinaris* Med and *Allium cepa* L test.

Sub-acute toxicological and behavioural effects of two candidate therapeutics, cinnamaldehyde and eugenol, for treatment of ESBL producing-quinolone resistant pathogenic Enterobacteriaceae.

Transgenerational epigenetic effects from male exposure to endocrine-disrupting compounds: a systematic review on research in mammals.

Acrolein contributes to urothelial carcinomas in patients with chronic kidney disease.

Environmentally relevant mixture of S-metolachlor and its two metabolites affects thyroid metabolism in zebrafish embryos.

Correlation between neutrophil gelatinase-associated lipocalin and soluble CD14 subtype on the prognosis evaluation of acute paraquat poisoning patients.

Metabolic profiles in the course of the shikimic acid pathway of *Raphanus sativus* var. *longipinnatus* exposed to mesotrione and its degradation products.

Antioxidant and Anti-Inflammatory Effects of Different Zinc Sources on Diquat-Induced Oxidant Stress in a Piglet Model.

Roundup-induced biochemical and histopathological changes in the liver and kidney of rats: the ameliorative effects of *Linum usitatissimum* oil.

Association of urinary metabolites of organophosphate and pyrethroid insecticides, and phenoxy herbicides with endometriosis.

[The assessment value of urinary NGAL combined with blood NLR in the early prognosis of patients with acute paraquat poisoning].

A comprehensive analysis of the animal carcinogenicity data for glyphosate from chronic exposure rodent carcinogenicity studies.

Toxicology of paraquat and pharmacology of the protective effect of 5-hydroxy-1-methylhydantoin on lung injury caused by paraquat based on metabolomics.

Fetal outcomes after intentional ingestion of paraquat: A case report.

DNA damage in kidney and parenchymal and non-parenchymal liver cells of adult Wistar rats after subchronic oral treatment with tembotrione.

An LC-MS/MS method for creatine and creatinine analysis in paraquat-intoxicated patients.

Magnesium supplementation ameliorates toxic effects of 2,4-dichlorophenoxyacetic acid in rat model.

Protective Effects of Cinnamaldehyde against Mesenteric Ischemia-Reperfusion-Induced Lung and Liver Injuries in Rats.

Anti-hypertensive effect of hydrogen peroxide acting centrally.

Cinnamaldehyde induces endogenous apoptosis of the prostate cancer-associated fibroblasts via interfering the Glutathione-associated mitochondria function.

The modulatory effects of cinnamaldehyde on uric acid level and IL-6/JAK1/STAT3 signaling as a promising therapeutic strategy against benign prostatic hyperplasia.

Cinnamaldehyde Treatment of Prostate Cancer-Associated Fibroblasts Prevents Their Inhibitory Effect on T Cells Through Toll-Like Receptor 4.

Combination of Quercetin, Hirudin and Cinnamaldehyde Promotes Schwann Cell Differentiation and Myelination against High Glucose by Inhibiting ERK Signaling Pathway.

MiADMSA ameliorate arsenic induced urinary bladder carcinogenesis in vivo and in vitro.

Hypoxia modifies the response to flutamide and linuron in male three-spined stickleback (*Gasterosteus aculeatus*).

Quantification of 3-Hydroxypropyl Mercapturic Acid in the Urine of Patients with Breast Cancer to Monitor Cyclophosphamide Toxicity.

Cystitis-Related Bladder Pain Involves ATP-Dependent HMGB1 Release from Macrophages and Its Downstream H(2)S/Ca(v)3.2 Signaling in Mice.

Cinnamaldehyde Ameliorates Vascular Dysfunction in Diabetic Mice by Activating Nrf2.

Lethal diquat poisoning manifesting as central pontine myelinolysis and acute kidney injury: A case report and literature review.

Occupational Pesticide Use and Risk of Renal Cell Carcinoma in the Agricultural Health Study.

Weak acidic stable carbazate modified cellulose membranes target for scavenging carbonylated proteins in hemodialysis.

Glyphosate exposures and kidney injury biomarkers in infants and young children.

Acrolein is involved in ischemic stroke-induced neurotoxicity through spermidine/spermine-N1-acetyltransferase activation.

Trapping Acrolein by Theophylline/Caffeine and Their Metabolites from Green Tea and Coffee in Mice and Humans.

A retrospective analysis reveals a predictor of survival for the patient with paraquat intoxication.

Organic diet intervention significantly reduces urinary glyphosate levels in U.S. children and adults.

Children exposure to inorganic and organic arsenic metabolites: A cohort study in Northeast Italy.

As3MT and GST Polymorphisms Influencing Arsenic Metabolism in Human Exposure to Drinking Groundwater.

Pilot study evaluating inhalation and dermal glyphosate exposure resulting from simulated heavy residential consumer application of Roundup®.

Meta-analysis of the efficacy of Xuebijing combined with hemoperfusion in treating paraquat poisoning.

Concentration Distribution and Analysis of Urinary Glyphosate and Its Metabolites in Occupationally Exposed Workers in Eastern China.

2,4-D exposure and urinary markers of oxidative DNA damage and lipid peroxidation: a longitudinal study.

Epigenetic effects of low-level sodium arsenite exposure on human liver HepaRG cells.

An LC-MS/MS analytical method for the determination of uremic toxins in patients with end-stage renal disease.

Anti-Tumor Effects of Sodium Meta-Arsenite in Glioblastoma Cells with Higher Akt Activities.

Effects of Fecal Microbiota Transplantation on Composition in Mice with CKD.

Randomized, Placebo-Controlled Trial of Rifaximin Therapy for Lowering Gut-Derived Cardiovascular Toxins and Inflammation in CKD.

Nephroprotective effects of chlorogenic acid against sodium arsenite-induced oxidative stress, inflammation, and apoptosis.

Thymoquinone protection against 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin induced nephrotoxicity in rats.

Serum indoxyl sulfate concentrations associate with progression of chronic kidney disease in children.

Knockdown of CK2 β reduces P-cresol-induced fibrosis in human renal proximal tubule epithelial cells via the downregulation of profilin-1.

[Omphalomesenteric fistulas; epidemiological diagnostic and therapeutic features: study of four cases in the Department of Pediatric Surgery at the Aristide Le Dantec University Hospital in Dakar].

Interactions of arsenic metabolism with arsenic exposure and individual factors on diabetes occurrence: Baseline findings from Arsenic and Non-Communicable disease cohort (AsNCD) in China.

Serum concentrations of pesticides including organophosphates, pyrethroids and neonicotinoids in a population with osteoarthritis in Saudi Arabia.

A metabolomics approach to investigate urine levels of neurotransmitters and related metabolites in autistic children.

p-Cresol Sulfate Caused Behavior Disorders and Neurodegeneration in Mice with Unilateral Nephrectomy Involving Oxidative Stress and Neuroinflammation.

Effect of Ferric Citrate versus Ferrous Sulfate on Iron and Phosphate Parameters in Patients with Iron Deficiency and CKD: A Randomized Trial.

Association of Serum Indoxyl Sulfate Levels with Skeletal Muscle Mass and Strength in Chronic Hemodialysis Patients: A 2-year Longitudinal Analysis.

Influence of Resveratrol on the Cardiovascular Health Effects of Chronic Kidney Disease.

Impaired Tubular Secretion of Organic Solutes in Acute Kidney Injury.

Effect of sucroferic oxyhydroxide on gastrointestinal microbiome and uremic toxins in patients with chronic kidney disease undergoing hemodialysis.

Longitudinal metabolic and gut bacterial profiling of pregnant women with previous bariatric surgery.

Pdgfr β -Cre mediated knockout of the aryl hydrocarbon receptor protects mice from high-fat diet induced obesity and hepatic steatosis.

Melatonin Suppresses Renal Cortical Fibrosis by Inhibiting Cytoskeleton Reorganization and Mitochondrial Dysfunction through Regulation of miR-4516.

Scavenging Intracellular ROS Attenuates p-Cresyl Sulfate-Triggered Osteogenesis through MAPK Signaling Pathway and NF- κ B Activation in Human Arterial Smooth Muscle Cells.

Role of endothelial microvesicles released by p-cresol on endothelial dysfunction.

Uremic Toxins and Vascular Dysfunction.

Therapeutic Targeting of Aristolochic Acid Induced Uremic Toxin Retention, SMAD 2/3 and JNK/ERK Pathways in Tubulointerstitial Fibrosis: Nephroprotective Role of Propolis in Chronic Kidney Disease.

Gut microbiota generation of protein-bound uremic toxins and related metabolites is not altered at different stages of chronic kidney disease.

Effects of the oral adsorbent AST-120 on fecal p-cresol and indole levels and on the gut microbiota composition.

Chronic Kidney Disease-Associated Immune Dysfunctions: Impact of Protein-Bound Uremic Retention Solutes on Immune Cells.

Quantification of microbiota-related phenols and aromatic acids in mouse feces of a diabetic nephropathy model by simultaneous BDAPE derivatization using ultra-performance liquid chromatography-tandem mass spectrometry.

Transgenerational epigenetic and transcriptomic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in rat.

Inorganic arsenic methylation capacity and breast cancer by immunohistochemical subtypes in northern Mexican women.

A murine model of *Staphylococcus aureus* infected chronic diabetic wound: A new tool to develop alternative therapeutics.

Inulin-type fructan intervention restricts the increase in gut microbiome-generated indole in patients with peritoneal dialysis: a randomized crossover study.

Urine metabolomic analysis in clear cell and papillary renal cell carcinoma: A pilot study.

Mitigation of aflatoxin B1- and sodium arsenite-induced cytotoxicities in HUC-PC urinary bladder cells by curcumin and *Khaya senegalensis*.

Gut-Derived Metabolites and Their Role in Immune Dysfunction in Chronic Kidney Disease.

A combination of monosodium glutamate and high-fat and high-fructose diets increases the risk of kidney injury, gut dysbiosis and host-microbial co-metabolism.

Lactobacillus salivarius BP121 prevents cisplatin-induced acute kidney injury by inhibition of uremic toxins such as indoxyl sulfate and p-cresol sulfate via alleviating dysbiosis.

Association between prenatal arsenic exposure, birth outcomes, and pregnancy complications: An observational study within the National Children's Study cohort.

Isolation and Quantification of Uremic Toxin Precursor-Generating Gut Bacteria in Chronic Kidney Disease Patients.

Pesticide exposure and risk of aggressive prostate cancer among private pesticide applicators.

Nucleation and kinetics of SOD1 aggregation in human cells for ALS1.

Temporal and tissue-specific activation of aryl hydrocarbon receptor in discrete mouse models of kidney disease.

PCB126 blocks the thermogenic beiging response of adipocytes.

CharXgen-Activated Bamboo Charcoal Encapsulated in Sodium Alginate Microsphere as the Absorbent of Uremic Toxins to Retard Kidney Function Deterioration.

Improving the clearance of protein-bound uremic toxins using cationic liposomes as an adsorbent in dialysate.

Prenatal exposure to glycol ethers and response inhibition in 6-year-old children: The PELAGIE cohort study.

Higher cerebrospinal fluid to plasma ratio of p-cresol sulfate and indoxyl sulfate in patients with Parkinson's disease.

P-Cresylsulfate, the Protein-Bound Uremic Toxin, Increased Endothelial Permeability Partly Mediated by Src-Induced Phosphorylation of VE-Cadherin.

Molecular and Cellular Mechanisms that Induce Arterial Calcification by Indoxyl Sulfate and P-Cresyl Sulfate.

Multiple distinct pathways lead to hyperubiquitylated insoluble TDP-43 protein independent of its translocation into stress granules.

High-throughput sequencing analysis of intestinal flora changes in ESRD and CKD patients.

In vivo acute toxicity and anti-gastric evaluation of a novel dichloro Schiff base: Bax and HSP70 alteration.

Gut Microbiota as Diagnostic Tools for Mirroring Disease Progression and Circulating Nephrotoxin Levels in Chronic Kidney Disease: Discovery and Validation Study.

Transfusion-Free Cranial Vault Remodeling: A Novel, Multifaceted Approach.

Relation between in utero arsenic exposure and growth during the first year of life in a New Hampshire pregnancy cohort.

Preliminary evaluation of fecal fatty acid concentrations in cats with chronic kidney disease and correlation with indoxyl sulfate and p-cresol sulfate.

Bowel Habits and the Association With Uremic Toxins in Non-Dialysis-Dependent Chronic Kidney Disease Patients.

Prostate Cancer Screening Guidelines for African American Veterans: A New Perspective.

Distribution and Determinants of Chronic Kidney Disease of Unknown Etiology: A Brief Overview.

Pesticide exposure among Bolivian farmers: associations between worker protection and exposure biomarkers.

Uremic toxins promote accumulation of oxidized protein and increased sensitivity to hydrogen peroxide in endothelial cells by impairing the autophagic flux.

Cyclophosphamide-induced cystitis results in NLRP3-mediated inflammation in the hippocampus and symptoms of depression in rats.

Skeletal toxicity resulting from exposure of growing male rats to coplanar PCB 126 is associated with disruption of calcium homeostasis and the GH-IGF-1 axis and direct effects on bone formation.

Biomonitoring of non-persistent pesticides in urine from lactating mothers: Exposure and risk assessment.

Changes in urinary excretion of phthalates, phthalate substitutes, bisphenols and other polychlorinated and phenolic substances in young Danish men; 2009-2017.

Cytotoxicity and Oxidative Stress Responses of Imidacloprid and Glyphosate in Human Prostate Epithelial WPM-Y.1 Cell Line.

A Case of Paraquat Poisoning Presenting With Spontaneous Pneumothorax and Pneumomediastinum.

The Effect of Radium-223 Therapy in Agent Orange-Related Prostate Carcinoma.

Analysis of urinary VOCs using mass spectrometric methods to diagnose cancer: A review.

Urinary levels of the acrolein conjugates of carnosine are associated with inhaled toxicants.

Multi-sites polycyclodextrin adsorbents for removal of protein-bound uremic toxins combining with hemodialysis.

Outcome of Canine Multicentric Lymphoma after Single or Divided Treatment with Cyclophosphamide in Multidrug Chemotherapy.

Tissue- and Region-Specific Accumulation of Arsenic Species, Especially in the Brain of Mice, After Long-term Arsenite Exposure in Drinking Water.

Aspirin Eugenol Ester Attenuates Paraquat-Induced Hepatotoxicity by Inhibiting Oxidative Stress.

Effects of oral exposure to arsenite on arsenic metabolism and transport in rat kidney.

Association of dietary intake and urinary excretion of inorganic arsenic in the Japanese subjects.

In Vitro Detoxification Studies of p-Cresol by Intestinal Bacteria Isolated from Human Feces.

Effects of curcumin, D-pinitol alone or in combination in cytotoxicity induced by arsenic in PC12 cells.

Functional analysis of newly identified RYR1 variants in patients susceptible to malignant hyperthermia.

Urinary biomonitoring of subjects with different smoking habits. Part II: an untargeted metabolomic approach and the comparison with the targeted measurement of mercapturic acids.

Predictors of Urinary Pyrethroid and Organophosphate Compound Concentrations among Healthy Pregnant Women in New York.

Yolk Sac of Zebrafish Embryos as Backpack for Chemicals?

Development of an ELISA for Measurement of Urinary 3-Hydroxypropyl Mercapturic Acid (3-HPMA), the Marker of Stroke.

Varying Protein Levels Influence Metabolomics and the Gut Microbiome in Healthy Adult Dogs.

Negative effect of methyl bromide fumigation work on the central nervous system.

Protective effect of Mucuna pruriens against arsenic-induced liver and kidney dysfunction and neurobehavioral alterations in rats.

P-cresyl sulfate causes mitochondrial hyperfusion in H9C2 cardiomyoblasts.

Net release and uptake of xenometabolites across intestinal, hepatic, muscle, and renal tissue beds in healthy conscious pigs.

Assessment of the absorbed dose after exposure to surgical smoke in an operating room.

Mass Balance, Metabolism, and Excretion of Cenobamate, a New Antiepileptic Drug, After a Single Oral Administration in Healthy Male Subjects.

Urinary Biomarkers of Exposure to Volatile Organic Compounds from the Population Assessment of Tobacco and Health Study Wave 1 (2013-2014).

Toxicity of Gold Nanoparticles in Mice due to Nanoparticle/Drug Interaction Induces Acute Kidney Damage.

Reproductive enhancement in buffalo: looking at urinary pheromones and hormones.

Uroprotective mechanisms of natural products against cyclophosphamide-induced urinary bladder toxicity: A comprehensive review.

Tissue distribution, hormonal regulation, ontogeny, diurnal expression, and induction of mouse cystine transporters Slc3a1 and Slc7a9.

Urinary biomonitoring of subjects with different smoking habits. Part I: Profiling mercapturic acids.

Recyclable Eu(3+) functionalized Hf-MOF fluorescent probe for urinary metabolites of some organophosphorus pesticides.

Evaluation of different types of arsenic methylation and its relationship with metabolic syndrome in an area chronically exposed to arsenic.

Polydatin relieves paraquat-induced human MRC-5 fibroblast injury through inhibiting the activation of the NLRP3 inflammasome.

In older women, a high-protein diet including animal-sourced foods did not impact serum levels and urinary excretion of trimethylamine-N-oxide.

Instability of urinary excreted methyl-2-acetamido-2-deoxy-1-seleno- β -D-galactopyranoside (selenosugar 1), the main elimination product of human selenium metabolism, and measures for its stabilization.

Exposure effects of iron oxide nanoparticles and iron salts in blackfish (*Capoeta fusca*): Acute toxicity, bioaccumulation, depuration, and tissue histopathology.

P-cresol Alters Brain Dopamine Metabolism and Exacerbates Autism-Like Behaviors in the BTBR Mouse.

A hepcidin-based approach for iron therapy in hemodialysis patients: A pilot study.

Biological variation in kidney injury and kidney function biomarkers among farmers in Lamphun province, Thailand.

Chronic exposure to arsenite enhances influenza virus infection in cultured cells.

Urinary Arsenic Species are Detectable in Urban Underserved Hispanic/Latino Populations: A Pilot Study from the Study of Latinos: Nutrition & Physical Activity Assessment Study (SOLNAS).

Efficacy of Divinylbenzenic Resin in Removing Indoxyl Sulfate and P-Cresol Sulfate in Hemodialysis Patients: Results From an In Vitro Study and An In Vivo Pilot Trial (xuanro4-Nature 3.2).

Paraquat Poisoning: A Retrospective Study of 55 Patients From a Tertiary Care Center in Southern India.

Chronic methyl bromide toxicity is ameliorated by haemodialysis.

In utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure exacerbates urinary dysfunction in hormone-treated C57BL/6J mice through a non-malignant mechanism involving proteomic changes in the prostate that differ from those elicited by testosterone and estradiol.

Characterization of Volatile Organic Compound Metabolites in Cigarette Smokers, Electronic Nicotine Device Users, Dual Users, and Nonusers of Tobacco.

Mechanisms of Metabolism Interaction Between p-Cresol and Mycophenolic Acid.

Evaluation of the Effects of Agro Pesticides Use on Liver and Kidney Function in Farmers from Buea, Cameroon.

Pharmacokinetics and Toxicokinetics Roles of Membrane Transporters at Kidney Level.

Effects of sublethal and realistic concentrations of the commercial herbicide atrazine in Pacu (*Piaractus mesopotamicus*): Long-term exposure and recovery assays.

Physiologically Based Pharmacokinetic Modeling of Salivary Concentrations for Noninvasive Biomonitoring of 2,4-Dichlorophenoxyacetic Acid (2,4-D).

Diuron exposure and Akt overexpression promote glioma formation through DNA hypomethylation.

[Xuebijing improves clinical prognosis and reduces mortality in patients with acute paraquat poisoning: a Meta-analysis included 1 429 patients].

Novel insights into the mechanism of cyclophosphamide-induced bladder toxicity: chloroacetaldehyde's contribution to urothelial dysfunction in vitro.

Nuclear receptor AHR-mediated xenobiotic detoxification pathway involves in atrazine-induced nephrotoxicity in quail (*Coturnix C. coturnix*).

Chronic Kidney Disease in Agricultural Communities.

Comparison of four pharmacological strategies aimed to prevent the lung inflammation and paraquat-induced alveolar damage.

Clinical features and risk factors of acute kidney injury in children with acute paraquat intoxication.

[Experience of continuous fluid therapy in successfully rescuing a patient with acute severe paraquat poisoning].

The effects of Roundup® in embryo development and energy metabolism of the zebrafish (*Danio rerio*).

Exposures to the environmental contaminants pentachlorophenol and dichlorodiphenyltrichloroethane increase production of the proinflammatory cytokine, interleukin-1 β , in human immune cells.

Activation of the N-methyl-d-aspartate receptor is involved in glyphosate-induced renal proximal tubule cell apoptosis.

Clinical outcome of paraquat poisoning during pregnancy.

Glyphosate's Synergistic Toxicity in Combination with Other Factors as a Cause of Chronic Kidney Disease of Unknown Origin.

Renal cortical hypoperfusion caused by glyphosate-surfactant herbicide.

[Establishment and evaluation of acute diquat poisoning model in Wistar rats].

Retrospective study of clinical features and prognosis of edaravone in the treatment of paraquat poisoning.

Acrolein Is Involved in the Synergistic Potential of Cigarette Smoking- and Betel Quid Chewing-Related Human Oral Cancer.

Homicidal Paraquat Poisoning.

Assessment of Glyphosate Induced Epigenetic Transgenerational Inheritance of Pathologies and Sperm Epimutations: Generational Toxicology.

TLR3 is involved in paraquat-induced acute renal injury.

Metabolomics Analysis in Acute Paraquat Poisoning Patients Based on UPLC-Q-TOF-MS and Machine Learning Approach.

Inhibitory effects of flavonoids on P-glycoprotein in vitro and in vivo: Food/herb-drug interactions and structure-activity relationships.

Metabolic profiling of amino acids in paraquat-induced acute kidney injury.

Antioxidant and cytoprotective effects of N-acetylcysteine against subchronic oral glyphosate-based herbicide-induced oxidative stress in rats.

Maternal residential exposure to specific agricultural pesticide active ingredients and birth defects in a 2003-2005 North Carolina birth cohort.

The GMO90+ Project: Absence of Evidence for Biologically Meaningful Effects of Genetically Modified Maize-based Diets on Wistar Rats After 6-Months Feeding Comparative Trial.

The Impact of Agent Orange Exposure on Prostate Cancer Outcomes.

Alleviation of paraquat-induced oxidative lung injury by betaine via regulation of sulfur-containing amino acid metabolism despite the lack of betaine-homocysteine methyltransferase (BHMT) in the lung.

Analysis of Acrolein-Derived 1, N(2)-Propanodeoxyguanosine Adducts in Human Lung DNA from Smokers and Nonsmokers.

[Clinical effect of haemoperfusion combined with continuous veno-veno haemofiltration in treatment of paraquat poisoning: a Meta-analysis].

Effects of AT-RvD1 on paraquat-induced acute renal injury in mice.

Adverse effects of acrolein, a ubiquitous environmental toxicant, on muscle regeneration and mass.

Longitudinal stability in cigarette smokers of urinary biomarkers of exposure to the toxicants acrylonitrile and acrolein.

Hemodynamic changes after infusion of intravenous lipid emulsion to treat refractory hypotension caused by glyphosate-surfactant herbicide poisoning: A case report.

Prognostic factor determination mortality of acute glufosinate-poisoned patients.

Conjugal multiple system atrophy: Chance, shared risk factors, or evidence of transmissibility?

Speciation analysis of arsenic in urine samples from APL patients treated with single agent As(2)O(3) by HPLC-HG-AFS.

Editorial Comment.

Urinary acrolein metabolite levels in severe acute alcoholic hepatitis patients.

Sustained Human Background Exposure to Acrolein Evidenced by Monitoring Urinary Exposure Biomarkers.

Assessment of hematological, hepato-renal, antioxidant, and hormonal responses of *Clarias gariepinus* exposed to sub-lethal concentrations of oxyfluorfen.

Dietary determinants of inorganic arsenic exposure in the Strong Heart Family Study.

Metabolism and disposition of arsenic species from controlled dosing with dimethylarsinic acid (DMA(V)) in adult female CD-1 mice. V. Toxicokinetic studies following oral and intravenous administration.

A urinary metabolomics study of a Polish subpopulation environmentally exposed to arsenic.

Inorganic arsenic exposure and neuropsychological development of children of 4-5 years of age living in Spain.

Effects of inhibition of hepatic sulfotransferase activity on renal genotoxicity induced by lucidin-3-O-primeveroside.

Gene-environment interaction and maternal arsenic methylation efficiency during pregnancy.

Urinary Pesticide Levels in Children and Adolescents Residing in Two Agricultural Communities in Mexico.

Effects of Cinnamaldehyde on Smooth Muscle Preparations.

Serum P-Cresyl Sulfate Is a Predictor of Central Arterial Stiffness in Patients on Maintenance Hemodialysis.

The gut microbiota and its relationship with chronic kidney disease.

Environmental exposures in young adults with declining kidney function in a population at risk of Mesoamerican nephropathy.

Prenatal exposure to glycol ethers and motor inhibition function evaluated by functional MRI at the age of 10 to 12 years in the PELAGIE mother-child cohort.

Indoxyl sulfate associates with cardiovascular phenotype in children with chronic kidney disease.

Clinical association between the metabolite of healthy gut microbiota, 3-indolepropionic acid and chronic kidney disease.

Carbon Nanotube/Conducting Polymer Hybrid Nanofibers as Novel Organic Bioelectronic Interfaces for Efficient Removal of Protein-Bound Uremic Toxins.

Prostate Cancer-associated SPOP mutations enhance cancer cell survival and docetaxel resistance by upregulating Caprin1-dependent stress granule assembly.

Expression and Functional Analysis of Hepcidin from Mandarin Fish (*Siniperca chuatsi*).

Metabolomics for improved treatment monitoring of phenylketonuria: urinary biomarkers for non-invasive assessment of dietary adherence and nutritional deficiencies.

Extracorporeal treatment in children with acute severe poisoning.

A Laboratory Method for Determining Bacterially Formed Odorants and Reducing Odor in Absorbent Incontinence Products.

Lesion of the Locus Coeruleus Damages Learning and Memory Performance in Paraquat and Maneb-induced Mouse Parkinson's Disease Model.

Nephrotoxic metals of cadmium, lead, mercury and arsenic and the odds of kidney stones in adults: An exposure-response analysis of NHANES 2007-2016.

Increase of core temperature affected the progression of kidney injury by repeated heat stress exposure.

In Vitro and In Vivo Evaluations of Mesoporous Iron Particles for Iron Bioavailability.

Unambiguous Characterization of p-Cresyl Sulfate, a Protein-Bound Uremic Toxin, as Biomarker of Heart and Kidney Disease.

[Clinical observation on the inflammatory indexes in septic gastrointestinal dysfunction treated with acupuncture at Jiaji (EX-B 2)].

Epidemic of Chronic Kidney Disease of Nontraditional Etiology in El Salvador: Integrated Health Sector Action and South-South Cooperation.

Metal-induced nephrotoxicity to diabetic and non-diabetic Wistar rats.

Magnetic nanoparticles-loaded liposomes as a novel treatment agent for iron deficiency anemia: In vivo study.

Impaired intestinal barrier function in a mouse model of hyperuricemia.

Oral ferrous citrate or ferrous sulfate use during predialysis may reduce serum phosphate level at dialysis initiation.

Borax Alleviates Copper-Induced Renal Injury via Inhibiting the DNA Damage and Apoptosis in Rainbow Trout.

Mass spectrometry-based urinary metabolomics for the investigation on the mechanism of action of *Eleutherococcus senticosus* (Rupr. & Maxim.) Maxim. leaves against ischemic stroke in rats.

Development and validation of a UHPLC-MS/MS method for measurement of a gut-derived uremic toxin panel in human serum: An application in patients with kidney disease.

Novel polymerase spiral reaction assay for the visible molecular detection of porcine circovirus type 3.

Tissue-Specific Peculiarities of Vibration-Induced Hypoxia in Rabbit Liver and Kidney.

Gene expression and DNA methylation regulation of arsenic in mouse bladder tissues and in human urothelial cells.

Food as medicine: Selenium enriched lentils offer relief against chronic arsenic poisoning in Bangladesh.

Multi-Compartment Profiling of Bacterial and Host Metabolites Identifies Intestinal Dysbiosis and Its Functional Consequences in the Critically Ill Child.

A comprehensive review on hepatoprotective and nephroprotective activities of chrysin against various drugs and toxic agents.

The uremic toxin p-cresol promotes the invasion and migration on carcinoma cells via Ras and mTOR signaling.

Iron bioavailability of four iron sources used to fortify infant cereals, using anemic weaning pigs as a model.

A Bifunctional Adsorber Particle for the Removal of Hydrophobic Uremic Toxins from Whole Blood of Renal Failure Patients.

Selective Transport of Protein-Bound Uremic Toxins in Erythrocytes.

Stress granules are formed in renal proximal tubular cells during metabolic stress and ischemic injury for cell survival.

Arsenic and sulfur dioxide co-exposure induce renal injury via activation of the NF- κ B and caspase signaling pathway.

Immunohistochemistry of γ -H2AX as a method of early detection of urinary bladder carcinogenicity in mice.

The Effect of Sevelamer on Serum Levels of Gut-Derived Uremic Toxins: Results from In Vitro Experiments and A Multicenter, Double-Blind, Placebo-Controlled, Randomized Clinical Trial.

Chronic Interstitial Nephritis in Agricultural Communities (CINAC) in Sri Lanka.

Significance of AHR nuclear translocation sequence in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cPLA(2) β activation and hydronephrosis.

Increasing the removal of protein-bound uremic toxins by liposome-supported hemodialysis.

Development of the LC-MS/MS method for determining the p-cresol level in plasma.

Characterization of dissolved organic carbon in shallow groundwater of chronic kidney disease affected regions in Sri Lanka.

Measuring serum total and free indoxyl sulfate and p-cresyl sulfate in chronic kidney disease using UPLC-MS/MS.

Improved dialysis removal of protein-bound uremic toxins by salvianolic acids.

Effect of continuous venovenous haemodialysis on outcome and pharmacokinetics of arsenic species in a patient with acute promyelocytic leukaemia and acute kidney injury.

Role of thymoquinone and ebselen in the prevention of sodium arsenite-induced nephrotoxicity in female rats.

Arsenic induces fibrogenic changes in human kidney epithelial cells potentially through epigenetic alterations in DNA methylation.

Non-targeted metabolomic biomarkers and metabolotypes of type 2 diabetes: A cross-sectional study of PREDIMED trial participants.

Characterizing Dysgeusia in Hemodialysis Patients.

Removal of Protein-Bound Uremic Toxins during Hemodialysis Using a Binding Competitor.

The uremic toxin p-cresyl sulfate induces proliferation and migration of clear cell renal cell carcinoma via microRNA-21/ HIF-1 β axis signals.

The role of prostaglandin E(2) receptor EP1 in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced neonatal hydronephrosis in mice.

The fecal microbiome and serum concentrations of indoxyl sulfate and p-cresol sulfate in cats with chronic kidney disease.

Urinary 2,5-dichlorophenol and 2,4-dichlorophenol concentrations and prevalent disease among adults in the National Health and Nutrition Examination Survey (NHANES).

hsa-miR-500a-3P alleviates kidney injury by targeting MLKL-mediated necroptosis in renal epithelial cells.

Zirconium-Based Metal-Organic Frameworks for the Removal of Protein-Bound Uremic Toxin from Human Serum Albumin.

Non-performance of urinalysis among pregnant women in Brazil.

[Effect of emodin on gut microbiota of rats with acute kidney failure].

Synbiotic meal decreases uremic toxins in hemodialysis individuals: A placebo-controlled trial.

Evolution of protein-bound uremic toxins indoxyl sulphate and p-cresyl sulphate in acute kidney injury.

Konzo: a distinct neurological disease associated with food (cassava) cyanogenic poisoning.

Stabilization of cell-cell junctions by active vitamin D ameliorates uraemia-induced loss of human endothelial barrier function.

Mechanisms of Developmental Toxicity of Dioxins and Related Compounds.

TUDCA-Treated Mesenchymal Stem Cells Protect against ER Stress in the Hippocampus of a Murine Chronic Kidney Disease Model.

Differences in Dialysis Efficacy Have Limited Effects on Protein-Bound Uremic Toxins Plasma Levels over Time.

Iron for the treatment of restless legs syndrome.

Protein-Bound Solute Clearance During Hemodialysis.

Gut microbiome disruption altered the biotransformation and liver toxicity of arsenic in mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces peripheral blood abnormalities and plasma cell neoplasms resembling multiple myeloma in mice.

Circulating miR-421 Targeting Leucocytic Angiotensin Converting Enzyme 2 Is Elevated in Patients with Chronic Kidney Disease.

Novel metabolites from *Trichoderma atroviride* against human prostate cancer cells and their inhibitory effect on *Helicobacter pylori* and Shigella toxin producing *Escherichia coli*.

Moderate Renal Impairment and Toxic Metabolites Produced by the Intestinal Microbiome: Dietary Implications.

The specific impact of uremic toxins upon cognitive domains: a review.

Improved method for urinary p-cresol detection and measurement using high performance liquid chromatography/mass spectrometry.

Assessment of Acute Serum Iron, Non-Transferrin-Bound Iron, and Gastrointestinal Symptoms with 3-Week Consumption of Iron-Enriched *Aspergillus oryzae* Compared with Ferrous Sulfate.

Therapeutic potential of *Origanum vulgare* leaf hydroethanolic extract against renal oxidative stress and nephrotoxicity induced by paraquat in rats.

Effect of in ovo glyphosate injection on embryonic development, serum biochemistry, antioxidant status and histopathological changes in newly hatched chicks.

Preparation and characterization of imprinted zeolite-Y for p-cresol removal in haemodialysis.

Arsenic exposure during prepuberty alters prostate maturation in pubescent rats.

Association of Serum Paraoxonase/Arylesterase Activity With All-Cause Mortality in Maintenance Hemodialysis Patients.

Aryl hydrocarbon receptor ligands increase ABC transporter activity and protein expression in killifish (*Fundulus heteroclitus*) renal proximal tubules.

Quantitation of Lipid Peroxidation Product DNA Adducts in Human Prostate by Tandem Mass Spectrometry: A Method That Mitigates Artifacts.

Pesticide metabolite concentrations in Queensland pre-schoolers - Exposure trends related to age and sex using urinary biomarkers.

Temporal variability in urinary pesticide concentrations in repeated-spot and first-morning-void samples and its association with oxidative stress in healthy individuals.

Different stability-indicating chromatographic methods for specific determination of paracetamol, dantrolene sodium, their toxic impurities and degradation products.

Comparison of Urinary Biomarkers of Exposure in Humans Using Electronic Cigarettes, Combustible Cigarettes, and Smokeless Tobacco.

Defining the Contribution of CYP1A1 and CYP1A2 to Drug Metabolism Using Humanized CYP1A1/1A2 and Cyp1a1/Cyp1a2 Knockout Mice.

Anthropometric measures at age 3 years in associations with prenatal and postnatal exposures to chlorophenols.

Systematic Isolation and Structure Elucidation of Urinary Metabolites Optimized for the Analytical-Scale Molecular Profiling Laboratory.

Review of a Case of Paraquat Poisoning in a Tertiary Care Rural-based ICU.

An LC-MS/MS method to profile urinary mercapturic acids, metabolites of electrophilic intermediates of occupational and environmental toxicants.

Very Low Protein Diet for Patients with Chronic Kidney Disease: Recent Insights.

Identification of acrolein metabolites in human buccal cells, blood, and urine after consumption of commercial fried food.

The role of SDF1 in prostate epithelial morphogenesis.

Sodium Arsenite Injection Induces Ovarian Oxidative Stress and Affects Steroidogenesis in Rats.

Protective Effect of Hesperidin on Sodium Arsenite-Induced Nephrotoxicity and Hepatotoxicity in Rats.

Metal Biomonitoring and Comparative Assessment in Urine of Workers in Lead-Zinc and Steel-Iron Mining and Smelting.

Synthesis of 2-Monochloropropanol Fatty Acid Esters and Their Acute Oral Toxicities in Swiss Mice.

Data on the sub-chronic toxicity in rats after 30 days of oral realgar administration and the accumulation and distribution of arsenic species.

Dimethylarsinic acid may promote prostate carcinogenesis in rats.

Alpha-lipoic acid attenuates p-cresyl sulfate-induced renal tubular injury through suppression of apoptosis and autophagy in human proximal tubular epithelial cells.

Organic diet intervention significantly reduces urinary pesticide levels in U.S. children and adults.

Differential Free Intracellular Calcium Release by Class II Antiarrhythmics in Cancer Cell Lines.

Serum folate levels and urinary arsenic methylation profiles in the US population: NHANES, 2003-2012.

Elevated arsenic exposure and efficient arsenic metabolism in indigenous women around Lake Poopó³, Bolivia.

Effects of fermentable high fiber diet supplementation on gut derived and conventional nitrogenous product in patients on maintenance hemodialysis: a randomized controlled trial.

ER stress differentially affects pro-inflammatory changes induced by mitochondrial dysfunction in the human monocytic leukemia cell line, THP-1.

Radiosynthesis and in vivo evaluation of (11)C-labeled BMS-193885 and its desmethyl analog as PET tracers for neuropeptide Y1 receptors.

Study of the Potential Endocrine-Disrupting Effects of Phenylurea Compounds on Neurohypophysis Cells In Vitro.

IPSE, a urogenital parasite-derived immunomodulatory protein, ameliorates ifosfamide-induced hemorrhagic cystitis through downregulation of pro-inflammatory pathways.

The effects of hesperidin on sodium arsenite-induced different organ toxicity in rats on metabolic enzymes as antidiabetic and anticholinergics potentials: A biochemical approach.

TRPA1 Channel as a Regulator of Neurogenic Inflammation and Pain: Structure, Function, Role in Pathophysiology, and Therapeutic Potential of Ligands.

Organ distribution of endogenous p-cresol in hemodialysis patients.

Synthesis and Antibacterial Activity of Mefloquine-Based Analogs Against Sensitive and Resistant Mycobacterium tuberculosis Strains.

Hepatic and renal protective effects of quercetin in ferrous sulfate-induced toxicity.

Longitudinal, Seasonal, and Occupational Trends of Multiple Pesticides in House Dust.

Protective effect of resveratrol on urogenital sinus and prostate development in rats exposed in utero to TCDD (2,3,7,8-tetrachlorodibenzo-p-dioxin).

[Exploration about the protection mechanism of 5-hydroxy-1-methylhydantoin on paraquat poisoning model].

Assessment of adverse outcome of Excel Mera 71 in Anabas testudineus by histological and ultrastructural alterations.

Atrazine induced oxidative stress and mitochondrial dysfunction in quail (*Coturnix C. coturnix*) kidney via modulating Nrf2 signaling pathway.

Lycopene Triggers Nrf2-AMPK Cross Talk to Alleviate Atrazine-Induced Nephrotoxicity in Mice.

[The experimental study of diquat on the half-Lethal dose and pathological injury of related organs in wistar rats].

Pendimethalin-induced oxidative stress, DNA damage and activation of anti-inflammatory and apoptotic markers in male rats.

Acute renal toxicity of sodium chlorate: Redox imbalance, enhanced DNA damage, metabolic alterations and inhibition of brush border membrane enzymes in rats.

Human and experimental toxicology of diquat poisoning: Toxicokinetics, mechanisms of toxicity, clinical features, and treatment.

Evidence of risks of renal function reduction due to occupational exposure to agrochemicals: A systematic review.

Does cyclophosphamide still play a role in glomerular diseases?

2,4-D poisoning: a review with illustration of two cases.

Inorganic arsenic exposure increased expression of Fas and Bax gene in vivo and vitro.

High-dose acute exposure of paraquat induces injuries of swim bladder, gastrointestinal tract and liver via neutrophil-mediated ROS in zebrafish and their relevance for human health risk assessment.

A user-friendly herbicide derived from photo-responsive supramolecular vesicles.

[Acute pulmonary fibrosis associated with Paraquat poisoning. Report of one case].

A survival case of intravenous paraquat intoxication: A case report.

Comparative Assessment on Mechanism Underlying Renal Toxicity of Commercial Formulation of Roundup Herbicide and Glyphosate Alone in Male Albino Rat.

Effects of the chloro-s-triazine herbicide terbuthylazine on DNA integrity in human and mouse cells.

Efficacy of initial haemopurification strategy for acute paraquat poisoning in adults: study protocol for a randomised controlled trial (HeSAPP).

Paraquat Exposure of Pregnant Women and Neonates in Agricultural Areas in Thailand.

Protective role of thymoquinone against paraquat-induced hepatotoxicity in mice.

Effect of glyphosate-based herbicide on hematological and hemopoietic parameters in common carp (*Cyprinus carpio* L).

Paraquat induced acute kidney injury and lung fibrosis: a case report from Bangladesh.

The Ramazzini Institute 13-week study on glyphosate-based herbicides at human-equivalent dose in Sprague Dawley rats: study design and first in-life endpoints evaluation.

Mutagenic assessment of *Lithobates catesbeianus* tadpoles exposed to the 2,4-D herbicide in a simulated realistic scenario.

Impact of a commercial glyphosate formulation on adsorption of Cd(II) and Pb(II) ions on paddy soil.

2-Methyl-4-chlorophenoxyacetic acid (MCPA) and bromoxynil herbicide ingestion.

Acute and single repeated dose effects of low concentrations of chlorpyrifos, diuron, and their combination on chicken.

Acrolein-induced oxidative stress and genotoxicity in rats: protective effects of whey protein and conjugated linoleic acid.

Glyphosate exposure in pregnancy and shortened gestational length: a prospective Indiana birth cohort study.

Acrolein Exposure in Hookah Smokers and Non-Smokers Exposed to Hookah Tobacco Secondhand Smoke: Implications for Regulating Hookah Tobacco Products.

Effects of surface charge and palladium on hepatic and kidney injury induced by polystyrene nanoparticles co-administered to mice with paraquat and cisplatin.

Changes in intermediate metabolism and oxidative balance parameters in sexually matured three-barbeled catfishes exposed to herbicides from rice crops (Roundup(®), Primoleo(®) and Facet(®)).

Prognostic comparison of goal-oriented hemoperfusion and routine hemoperfusion combined with continuous venovenous hemofiltration for paraquat poisoning.

Neurotransmitter changes in rat brain regions following glyphosate exposure.

Assessment of hepatic metabolism-dependent nephrotoxicity on an organs-on-a-chip microdevice.

[The protective effect of Xuebijing on paraquat-induced HK-2 cells apoptosis and the underlying mechanisms].

A comparative study on subacute toxicity of arsenic trioxide and dimethylarsinic acid on antioxidant status in Crandell Rees feline kidney (CRFK), human hepatocellular carcinoma (PLC/PRF/5), and epithelioma papulosum cyprini (EPC) cell lines.

Treatment Outcome of Combined Continuous Venovenous Hemofiltration and Hemoperfusion in Acute Paraquat Poisoning: A Prospective Controlled Trial.

Atrazine-induced environmental nephrosis was mitigated by lycopene via modulating nuclear xenobiotic receptors-mediated response.

Lethal Bentazone Intoxication - A Report of Two Cases.

Effects of arsenic methylation and metabolism on the changes of arsenic-related skin lesions.

Infants' dietary arsenic exposure during transition to solid food.

Protective effect of ALDH2 against cyclophosphamide-induced acute hepatotoxicity via attenuating oxidative stress and reactive aldehydes.

Glyphosate and AMPA of agricultural soil, surface water, groundwater and sediments in areas prevalent with chronic kidney disease of unknown etiology, Sri Lanka.

Alterations in Acrolein Metabolism Contribute to Alzheimer's Disease.

Urinary concentrations and profiles of organophosphate and pyrethroid pesticide metabolites and phenoxyacid herbicides in populations in eight countries.

[Effect of hemoperfusion combined with continuous veno-venous hemofiltration on acute paraquat poisoning: a Meta-analysis].

Multidrug Resistance Protein 1 (MRP1/ABCC1)-Mediated Cellular Protection and Transport of Methylated Arsenic Metabolites Differs between Human Cell Lines.

Dietary flavonoids improve urinary arsenic elimination among Mexican women.

Trends in urinary arsenic among the U.S. population by drinking water source: Results from the National Health and Nutritional Examinations Survey 2003-2014.

Risk management of ochratoxigenic fungi and ochratoxin A in maize grains by bioactive EVOH films containing individual components of some essential oils.

Metabolic Hydrolysis of Aromatic Amides in Selected Rat, Minipig, and Human In Vitro Systems.

Atrazine affects the morphophysiology, tissue homeostasis and aromatase expression in the efferent ductules of adult rats with mild alterations in the ventral prostate.

Associations between Methylated Metabolites of Arsenic and Selenium in Urine of Pregnant Bangladeshi Women and Interactions between the Main Genes Involved.

The utility of saliva testing in the estimation of uremic toxin levels in serum.

Could resistant starch supplementation improve inflammatory and oxidative stress biomarkers and uremic toxins levels in hemodialysis patients? A pilot randomized controlled trial.

Association between Protein-Bound Uremic Toxins and Asymptomatic Cardiac Dysfunction in Patients with Chronic Kidney Disease.

Effect of Lactobacillus Rhamnosus on serum uremic toxins (phenol and P-Cresol) in hemodialysis patients: A double blind randomized clinical trial.

Cleft palate formation after palatal fusion occurs due to the rupture of epithelial basement membranes.

Association between maternal urinary speciated arsenic concentrations and gestational diabetes in a cohort of Canadian women.

Associations of cumulative exposure to heavy metal mixtures with obesity and its comorbidities among U.S. adults in NHANES 2003-2014.

Development of Biomarkers for Inhibition of SLC6A19 (B⁰AT1)-A Potential Target to Treat Metabolic Disorders.

Contribution of uraemic toxins to the vascular fibrosis associated with chronic kidney disease.

Shen-Shuai-Ning granule decreased serum concentrations of indoxyl sulphate in uremic patients undergoing peritoneal dialysis.

Arsenite methyltransferase (AS3MT) polymorphisms and arsenic methylation in children in rural Bangladesh.

Uremia Impacts VE-Cadherin and ZO-1 Expression in Human Endothelial Cell-to-Cell Junctions.

Effect of Norepinephrine on Intracellular Ca²⁺ Levels in Malignant Hyperthermia-Susceptible B Cells: Pilot Study in the Search for a New Diagnostic Test for Malignant Hyperthermia.

Preliminary study of urinary arsenic concentration and arsenic methylation capacity effects on neurodevelopment in very low birth weight preterm children under 24 months of corrected age.

Anemia in Older Adults.

Risk of Alzheimer's disease with metal concentrations in whole blood and urine: A case-control study using propensity score matching.

Generation, clearance, toxicity, and monitoring possibilities of unaccounted uremic toxins for improved dialysis prescriptions.

The Impact of Uremic Toxicity Induced Inflammatory Response on the Cardiovascular Burden in Chronic Kidney Disease.

Aryl hydrocarbon receptor enhances the expression of miR-150-5p to suppress in prostate cancer progression by regulating MAP3K12.

Impacts of Indoxyl Sulfate and p-Cresol Sulfate on Chronic Kidney Disease and Mitigating Effects of AST-120.

Uremic Toxins Activates Na/K-ATPase Oxidant Amplification Loop Causing Phenotypic Changes in Adipocytes in In Vitro Models.

Diagnostic meaning of blood p-cresol concentration in forensic autopsy cases.

Predictive metabolomic signatures of end-stage renal disease: A multivariate analysis of population-based data.

Maternal Resveratrol Therapy Protects Male Rat Offspring against Programmed Hypertension Induced by TCDD and Dexamethasone Exposures: Is It Relevant to Aryl Hydrocarbon Receptor?

[Clinical features and prognosis analysis of the elderly and youth patients with acute severe poisoning].

Elevated Arsenic Exposure Is Associated with an Increased Risk of Chronic Hepatitis B Virus Infection: NHANES (2003-2014) in U.S. Adults.

Ellagic acid mitigates sodium arsenite-induced renal and hepatic toxicity in male Wistar rats.

The Association of Arsenic Exposure and Arsenic Metabolism With the Metabolic Syndrome and Its Individual Components: Prospective Evidence From the Strong Heart Family Study.

Loop diuretic down-titration in stable chronic heart failure is often achievable, especially when urinary chloride concentration is low.

Probiotics in the treatment of chronic kidney disease: a systematic review.

Residual Function Effectively Controls Plasma Concentrations of Secreted Solutes in Patients on Twice Weekly Hemodialysis.

Polymorphisms of Arsenic (+3 Oxidation State) Methyltransferase and Arsenic Methylation Capacity Affect the Risk of Bladder Cancer.

Arsenic induces cardiac rhythm dysfunction and acylcarnitines metabolism perturbation in rats.

Toluene and methylethylketone: effect of combined exposure on their metabolism in rat.

Uremic Toxin Clearance and Cardiovascular Toxicities.

2,3,7,8-Tetrachlorodibenzo-p-dioxin dose-dependently increases bone mass and decreases marrow adiposity in juvenile mice.

Serum folate and cobalamin levels and urinary dimethylarsinic acid in US children and adults.

Metabolic Activation of the Cooked Meat Carcinogen 2-Amino-1-Methyl-6-Phenylimidazo[4,5-b]Pyridine in Human Prostate.

SLC6A19 is a novel putative gene, induced by dioxins via AhR in human hepatoma HepG2 cells.

The Effect of Boric Acid and Borax on Oxidative Stress, Inflammation, ER Stress and Apoptosis in Cisplatin Toxication and Nephrotoxicity Developing as a Result of Toxication.

Plasma p-cresol lowering effect of sevelamer in non-dialysis CKD patients: evidence from a randomized controlled trial.

Deficiency of aldose reductase exacerbates early pressure overload-induced cardiac dysfunction and autophagy in mice.

Heavy Metal Susceptibility of Escherichia coli Isolated from Urine Samples from Sweden, Germany, and Spain.

Does Low-Protein Diet Influence the Uremic Toxin Serum Levels From the Gut Microbiota in Nondialysis Chronic Kidney Disease Patients?

Modulation of intestinal microbiota, control of nitrogen products and inflammation by pre/probiotics in chronic kidney disease: a systematic review.

Fucoidan Rescues p-Cresol-Induced Cellular Senescence in Mesenchymal Stem Cells via FAK-Akt-TWIST Axis.

Relationship between serum trimethylamine N-oxide and exposure to dioxin-like pollutants.

Genetic and functional analysis of the RYR1 mutation p.Thr84Met revealed a susceptibility to malignant hyperthermia.

Extended Duration Nocturnal Hemodialysis and Changes in Plasma Metabolite Profiles.

Exploration of the Fecal Microbiota and Biomarker Discovery in Equine Grass Sickness.

Performance Verification of Alternative Quality Control Materials for Urine Albumin Assessment.

Contributory Role of Gut Microbiota and Their Metabolites Toward Cardiovascular Complications in Chronic Kidney Disease.

p-Cresyl sulfate decreases peripheral B cells in mice with adenine-induced renal dysfunction.

Disorder of gut amino acids metabolism during CKD progression is related with gut microbiota dysbiosis and metagenome change.

Safety evaluation of DAS-44406-6 soybeans in Wistar rats.

Association of urinary concentrations of four chlorophenol pesticides with cardiometabolic risk factors and obesity in children and adolescents.

Roles of cytosolic phospholipase A₂ in reproductive and systemic toxicities in 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed mice.

The effect of association between inefficient arsenic methylation capacity and demographic characteristics on the risk of skin lesions.

Efficacy of Probiotics Supplementation On Chronic Kidney Disease: a Systematic Review and Meta-Analysis.

Untargeted metabolomics approach (UPLC-Q-TOF-MS) explores the biomarkers of serum and urine in overweight/obese young men.

Arsenic Exposure in Relation to Ischemic Stroke: The Reasons for Geographic and Racial Differences in Stroke Study.

Prenatal exposure to glycol ethers and cryptorchidism and hypospadias: a nested case-control study.

Microbiota-derived uremic retention solutes: perpetrators of altered nonrenal drug clearance in kidney disease.

Probiotic Supplementation in Chronic Kidney Disease: A Double-blind, Randomized, Placebo-controlled Trial.

Bifunctional aptasensor based on novel two-dimensional nanocomposite of MoS₂ quantum dots and g-C₃N₄ nanosheets decorated with chitosan-stabilized Au nanoparticles for selectively detecting prostate specific antigen.

Arsenic exposure, profiles of urinary arsenic species, and polymorphism effects of glutathione-S-transferase and metallothioneins.

Pesticide-Poisoned Patients: Can They Be Used as Potential Organ Donors?

2,6-Dihydroxybenzaldehyde Analogues of the Iron Chelator Salicylaldehyde Isonicotinoyl Hydrazone: Increased Hydrolytic Stability and Cytoprotective Activity against Oxidative Stress.

Metabolism and disposition of arsenic species from controlled dosing with sodium arsenite in adult female CD-1 mice. III. Toxicokinetic studies following oral and intravenous administration.

Acute stimulatory effect of tumor necrosis factor on the basolateral 50 pS K channels in the thick ascending limb of the rat kidney.

The effect of prenatal exposure on disposition of hexachloronaphthalene in female Wistar rats and fetal compartment.

Environmental phenols and parabens in adipose tissue from hospitalized adults in Southern Spain.

Supplementation of Short-Chain Fatty Acid, Sodium Propionate, in Patients on Maintenance Hemodialysis: Beneficial Effects on Inflammatory Parameters and Gut-Derived Uremic Toxins, A Pilot Study (PLAN Study).

Pioglitazone Protects Mesenchymal Stem Cells against P-Cresol-Induced Mitochondrial Dysfunction via Up-Regulation of PINK-1.

Pseudomelanosis intestini "from pylorus to jejunum:" A rare endoscopic finding in a patient with GI bleeding.

Early-life stress induces motor coordination dysfunction in adult mice.

Toxicity assessment of agrochemical Almix in *Heteropneustes fossilis* through histopathological alterations.

Effects of Prebiotic Fiber Xylooligosaccharide in Adenine-Induced Nephropathy in Mice.

Aldehydes are the predominant forces inducing DNA damage and inhibiting DNA repair in tobacco smoke carcinogenesis.

Long noncoding RNA MANTIS relieved the protein-bound uremic toxin-induced injury on human umbilical vein endothelial cells in chronic kidney disease and end-stage renal disease.

Advanced data mining approaches in the assessment of urinary concentrations of bisphenols, chlorophenols, parabens and benzophenones in Brazilian children and their association to DNA damage.

A cross-sectional study of general cognitive abilities among Uruguayan school children with low-level arsenic exposure, potential effect modification by methylation capacity and dietary folate.

Arsenic methylation capacity in relation to nutrient intake and genetic polymorphisms in one-carbon metabolism.

Exposure and risk assessment to arsenic species in Spanish children using biomonitoring.

Melatonin Rescues Mesenchymal Stem Cells from Senescence Induced by the Uremic Toxin p-Cresol via Inhibiting mTOR-Dependent Autophagy.

Effects of grazing different ergovaline concentrations on vasoactivity of bovine lateral saphenous vein.

Urinary metabolites of volatile organic compounds of infants in the neonatal intensive care unit.

Protein-bounded uremic toxin p-cresylsulfate induces vascular permeability alternations.

Hyperbaric oxygen as a treatment modality in cyclophosphamide-induced hemorrhagic cystitis.

Berberine protects the liver and kidney against functional disorders and histological damages induced by ferrous sulfate.

Human biomonitoring reference values for some non-persistent chemicals in blood and urine derived from the Canadian Health Measures Survey 2009-2013.

A Review of Environmental Occurrence, Fate, Exposure, and Toxicity of Benzothiazoles.

sEcad and EGF Levels Increased in Urine of Non-ferrous Metal Workers and Medium of Uroepithelial Cell Line Treated by Arsenic.

Dietary cyanogen exposure and early child neurodevelopment: An observational study from the Democratic Republic of Congo.

Within-Day, Between-Day, and Between-Week Variability of Urinary Concentrations of Phenol Biomarkers in Pregnant Women.

Urinary p-cresol diagnosis using nanocomposite of ZnO/MoS₂ and molecular imprinted polymer on optical fiber based lossy mode resonance sensor.

Effect of activated charcoal hemoperfusion on renal function in patients with paraquat poisoning.

Bisphenol A is an exogenous toxin that promotes mitochondrial injury and death in tubular cells.

Phenyl sulfate, indoxyl sulfate and p-cresyl sulfate decrease glutathione level to render cells vulnerable to oxidative stress in renal tubular cells.

Dioxin Exposure in the Manufacture of Pesticide Production as a Risk Factor for Death from Prostate Cancer: A Meta-analysis.

Electronic cigarette-generated aldehydes: The contribution of e-liquid components to their formation and the use of urinary aldehyde metabolites as biomarkers of exposure.

[Polymorphisms of the Arsenite Methyltransferase (As3MT) gene and urinary efficiency of arsenic metabolism in a population in northern Mexico].

Improving risk stratification among veterans diagnosed with prostate cancer: impact of the 17-gene prostate score assay.

Neighborhood Factors and Urinary Metabolites of Nicotine, Phthalates, and Dichlorobenzene.

Metabolism and disposition of arsenic species from controlled oral dosing with sodium arsenite in adult female CD-1 mice. I. Pilot study to determine dosing, analytical measurements, and sampling strategies.

Comparison of questionnaire-based estimation of pesticide residue intake from fruits and vegetables with urinary concentrations of pesticide biomarkers.

Cytogenetic damage in peripheral blood lymphocytes of children exposed to pesticides in agricultural areas of the department of Cordoba, Colombia.

Tissue metabolic changes for effects of pirfenidone in rats of acute paraquat poisoning by GC-MS.

Mixture Toxicity of Bensulfuron-Methyl and Acetochlor to Red Swamp Crayfish (*Procambarus clarkii*): Behavioral, Morphological and Histological Effects.

A review of Agent Orange and its associated oncologic risk of genitourinary cancers.

Exploring exposure to Agent Orange and increased mortality due to bladder cancer.

Exposure of frogs and tadpoles to chiral herbicide fenoxaprop-ethyl.

Effects of co-exposure to atrazine and ethanol on the oxidative damage of kidney and liver in Wistar rats.

A new machine-learning method to prognosticate paraquat poisoned patients by combining coagulation, liver, and kidney indices.

Lack of immunotoxic effects of repeated exposure to atrazine associated with the adaptation of adrenal gland activation.

Atrazine induced epigenetic transgenerational inheritance of disease, lean phenotype and sperm epimutation pathology biomarkers.

[Effects of small RNA interference targeting mammalian target of rapamycin on paraquat-induced pulmonary fibrosis in rats].

Toxicity of two classes of arsenolipids and their water-soluble metabolites in human differentiated neurons.

Adult and child urinary 2,4-D in cities with and without cosmetic pesticide bylaws: a population-based cross-sectional pilot study.

Exposure assessment using human biomonitoring for glyphosate and fluoxypyr users in amenity horticulture.

Efficacy of *Spirulina platensis* diet supplements on disease resistance and immune-related gene expression in *Cyprinus carpio* L. exposed to herbicide atrazine.

Respiratory Effects and Systemic Stress Response Following Acute Acrolein Inhalation in Rats.

Comparative toxic responses of male and female lizards (*Eremias argus*) exposed to (S)-metolachlor-contaminated soil.

Biomarkers of Chronic Acrolein Inhalation Exposure in Mice: Implications for Tobacco Product-Induced Toxicity.

[Study of the effect of occupational exposure to glyphosate on hepatorenal function].

Metabolic profiling of goldfish (*Carassius auratus*) after long-term glyphosate-based herbicide exposure.

Experimental study of sucralfate intervention for paraquat poisoning in rats.

Toxicity of clomazone and its formulations to zebrafish embryos (*Danio rerio*).

[Intervention of edaravone against renal injury induced by acute paraquat poisoning in rats].

Reduced expression of selective immune-related genes in silver catfish (*Rhamdia quelen*) monocytes exposed to atrazine.

The association of cancer risks with pentachlorophenol exposure: Focusing on community population in the areas along certain section of Yangtze River in China.

Sodium chlorate, a major water disinfection byproduct, alters brush border membrane enzymes, carbohydrate metabolism and impairs antioxidant system of Wistar rat intestine.

Fluazifop- p-butyl, an aryloxyphenoxypropionate herbicide, diminishes renal and hepatic functions and triggers testicular oxidative stress in orally exposed rats.

Nephrotoxicity-induced proteinuria increases biomarker diagnostic thresholds in acute kidney injury.

Effects of Glyphosate-Based Herbicide Sub-Lethal Concentrations on Fish Feeding Behavior.

[Unexplored Chemical Reactions of Endogenous Acrolein: Detection, Toxicity, and Biological Roles].

Protective Effect of Ellagic Acid on Paraquat-induced Kidney Hazards in Rats.

A longitudinal study of atrazine and 2,4-D exposure and oxidative stress markers among Iowa corn farmers.

Effects of oral administration of 2,4-dichlorophenoxyacetic acid (2,4-D) on reproductive parameters in male Wistar rats.

Pentachlorophenol affected both reproductive and interrenal systems: In silico and in vivo evidence.

Beneficial Effects of the Amino Acid Glycine.

An investigation of the health effects caused by exposure to arsenic from drinking water and coal combustion: arsenic exposure and metabolism.

Acrolein Scavenger Hydralazine Prevents Streptozotocin-Induced Painful Diabetic Neuropathy and Spinal Neuroinflammation in Rats.

Carbenoxolone inhibits TRPV4 channel-initiated oxidative urothelial injury and ameliorates cyclophosphamide-induced bladder dysfunction.

The relationships between arsenic methylation and both skin lesions and hypertension caused by chronic exposure to arsenic in drinking water.

NLRP3 inflammasome activation regulated by NF- κ B and DAPK contributed to paraquat-induced acute kidney injury.

Computational study involving identification of endocrine disrupting potential of herbicides: Its implication in TDS and cancer progression in CRPC patients.

Oral supplementation of trans-cinnamaldehyde reduces uropathogenic *Escherichia coli* colonization in a mouse model.

Cold adaptive thermogenesis following consumption of certain pungent spice principles: A validation study.

Unusual arsenic metabolism in Giant Pandas.

[Protective effect of 5-aminosalicylic acid on the kidney of paraquat poisoning rats by Nrf2-ARE signal pathway].

Iron and Zinc Supplementation Does Not Impact Urinary Arsenic Excretion in Mexican School Children.

Effects of pentachlorophenol on the quail (*Coturnix japonica*) liver detoxification pathway.

A drastic superoxide-dependent oxidative stress is prerequisite for the down-regulation of IRP1: Insights from studies on SOD1-deficient mice and macrophages treated with paraquat.

Metabolic parameters and oxidative balance in juvenile *Rhamdia quelen* exposed to rice paddy herbicides: Roundup®®, Primoleo®®, and Facet®®.

Urinary Concentrations of Insecticide and Herbicide Metabolites among Pregnant Women in Rural Ghana: A Pilot Study.

Impact of the Oral Adsorbent AST-120 on Organ-Specific Accumulation of Uremic Toxins: LC-MS/MS and MS Imaging Techniques.

Diverse pathways of epithelial mesenchymal transition related with cancer progression and metastasis and potential effects of endocrine disrupting chemicals on epithelial mesenchymal transition process.

Environmental estrogen-like endocrine disrupting chemicals and breast cancer.

Association of 2,4-dichlorophenol urinary concentrations and olfactory dysfunction in a national sample of middle-aged and older U.S. adults.

p-cresol sulfate and indoxyl sulfate: some clouds are gathering in the uremic toxin sky.

2,3,7,8-Tetrachlorodibenzo-p-dioxin influences bovine herpesvirus 1 replication through upregulation of SIRT3 and cytoskeletal reorganization.

p-Cresyl glucuronide is a major metabolite of p-cresol in mouse: in contrast to p-cresyl sulphate, p-cresyl glucuronide fails to promote insulin resistance.

Distribution of arsenic and oxidative stress in mice after rice ingestion.

Neuropsychological effects of occupational exposure to polychlorinated biphenyls.

Genetic susceptibility to breast cancer risk associated with inorganic arsenic exposure.

Case-control study of chronic low-level exposure of inorganic arsenic species and non-melanoma skin cancer.

Results of the HEMO Study suggest that p-cresol sulfate and indoxyl sulfate are not associated with cardiovascular outcomes.

Sodium chloride pica causing recurrent nephrolithiasis in a patient with iron deficiency anemia: a case report.

Microbiome perturbation by oral vancomycin reduces plasma concentration of two gut-derived uremic solutes, indoxyl sulfate and p-cresyl sulfate, in end-stage renal disease.

The relationship between dioxins exposure and risk of prostate cancer with steroid hormone and age in Vietnamese men.

Effect of a Short-Course Treatment with Synbiotics on Plasma p-Cresol Concentration in Kidney Transplant Recipients.

The anti-migraine component of butterbur extracts, isopetasin, desensitizes peptidergic nociceptors by acting on TRPA1 cation channel.

Obstacles to reducing plasma levels of uremic solutes by hemodialysis.

Antimicrobial agents, triclosan, chloroxylenol, methylisothiazolinone and borax, used in cleaning had genotoxic and histopathologic effects on rainbow trout.

Changes in Serum Adiponectin in Mice Chronically Exposed to Inorganic Arsenic in Drinking Water.

Metabolic inhibition reduces cardiac L-type Ca²⁺ channel current due to acidification caused by ATP hydrolysis.

Cytotoxic effect of TDZ on human cervical cancer cells.

Exploring binding characteristics and the related competition of different protein-bound uremic toxins.

Broad Spectrum Macromolecular Antimicrobials with Biofilm Disruption Capability and In Vivo Efficacy.

Long term variation of serum levels of uremic toxins in patients treated by post-dilution high volume on-line hemodiafiltration in comparison to standard low-flux bicarbonate dialysis: results from the REDERT study.

Benign and tumor parenchyma metabolomic profiles affect compensatory renal growth in renal cell carcinoma surgical patients.

Key Role for the Organic Anion Transporters, OAT1 and OAT3, in the in vivo Handling of Uremic Toxins and Solutes.

Downregulation of androgen receptors by NaAsO₂ via inhibition of AKT-NF- κ B and HSP90 in castration resistant prostate cancer.

Effect of pistachio consumption on the modulation of urinary gut microbiota-related metabolites in prediabetic subjects.

Serum persistent organic pollutants (POPs) and prostate cancer risk: A case-cohort study.

The decreased growth performance and impaired immune function and structural integrity by dietary iron deficiency or excess are associated with TOR, NF- κ B, p38MAPK, Nrf2 and MLCK signaling in head kidney, spleen and skin of grass carp (*Ctenopharyngodon idella*).

Identification of Key Odorants in Used Disposable Absorbent Incontinence Products.

Limited reduction in uremic solute concentrations with increased dialysis frequency and time in the Frequent Hemodialysis Network Daily Trial.

Dose-Response Relationship between Inorganic Arsenic Exposure and Lung Cancer among Arseniasis Residents with Low Methylation Capacity.

Suppressed erythropoietin expression in a nitrofen-induced congenital diaphragmatic hernia.

[A group of occupational acute methyl bromide poisoning incident].

Relation of polymorphism of arsenic metabolism genes to arsenic methylation capacity and developmental delay in preschool children in Taiwan.

Convergence of hepcidin deficiency, systemic iron overloading, heme accumulation, and REV-ERB β activation in aryl hydrocarbon receptor-elicited hepatotoxicity.

Prevalence and pattern of potential drug-drug interactions among chronic kidney disease patients in south-western Nigeria.

Antiproliferation effect of the uremic toxin para-cresol on endothelial progenitor cells is related to its antioxidant activity.

Prenatal Exposure to Glycol Ethers and Neurocognitive Abilities in 6-Year-Old Children: The PELAGIE Cohort Study.

[Pollution Characteristics of Chlorobenzenes in Organs of Fish from Typical Epidemic Areas of Schistosomiasis Prevalence].

Residual renal function: a paradigm shift.

Cilostazol inhibits uremic toxin-induced vascular smooth muscle cell dysfunction: role of Axl signaling.

Amelioration of arsenic-induced toxic effects in mice by dietary supplementation of *Syzygium cumini* leaf extract.

Free and total p-cresol sulfate levels and infectious hospitalizations in hemodialysis patients in CHOICE and HEMO.

Effect of curcumin on kidney histopathological changes, lipid peroxidation and total antioxidant capacity of serum in sodium arsenite-treated mice.

p-Cresyl Sulfate.

Urinary metabolomics revealed arsenic exposure related to metabolic alterations in general Chinese pregnant women.

[Uremic toxins and gut micro biome].

Protein-bound uremic toxins - biological effects and impact on morbidity in patients with chronic kidney disease.

Role of Organic Anion Transporters in the Uptake of Protein-Bound Uremic Toxins by Human Endothelial Cells and Monocyte Chemoattractant Protein-1 Expression.

Associations of arsenic metabolites, methylation capacity, and skin lesions caused by chronic exposure to high arsenic in tube well water.

Biomarkers identification by a combined clinical and metabonomics analysis in Henoch-Schonlein purpura nephritis children.

Ion Imbalance Is Involved in the Mechanisms of Liver Oxidative Damage in Rats Exposed to Glyphosate.

Hepatotoxicity and Drug/Chemical Interaction Toxicity of Nanoclay Particles in Mice.

Fertility enhancing activity and toxicity profile of aqueous extract of *Chasmanthera dependens* roots in male rats.

Interaction of mammary bovine ABCG2 with AFB1 and its metabolites and regulation by PCB 126 in a MDCKII in vitro model.

Extensin-4 protects kidney from acute ischemia-reperfusion injury through upregulation of NRF2 signaling.

The protective effect of hydroalcoholic extract of Ginger (*Zingiber officinale* Rosc.) against iron-induced functional and histological damages in rat liver and kidney.

Concentrations of urinary arsenic species in relation to rice and seafood consumption among children living in Spain.

Sodium arsenite-induced cardiovascular and renal dysfunction in rat via oxidative stress and protein kinase B (Akt/PKB) signaling pathway.

Assessment of prescribed medications and pattern of distribution for potential drug-drug interactions among chronic kidney disease patients attending the Nephrology Clinic of Lagos University Teaching Hospital in Sub-Saharan West Africa.

Polychlorinated biphenyls and depression: cross-sectional and longitudinal investigation of a dopamine-related Neurochemical path in the German HELPCB surveillance program.

Protein-bound uremic toxins impaired mitochondrial dynamics and functions.

Benzene exposure is associated with cardiovascular disease risk.

Protective efficacy of various carbonyl compounds and their metabolites, and nutrients against acute toxicity of some cyanogens in rats: biochemical and physiological studies.

Acute toxicity of commercial atrazine in *Piaractus mesopotamicus*: Histopathological, ultrastructural, molecular, and genotoxic evaluation.

Inhibition of ALDH2 expression aggravates renal injury in a rat sepsis syndrome model.

Incidence and pathological study of Explanatum explanatum (Creplin, 1847) Fukui, 1929 in goats in Andhra Pradesh, India.

Tissue-specific distributions of inorganic arsenic and its methylated metabolites, especially in cerebral cortex, cerebellum and hippocampus of mice after a single oral administration of arsenite.

Ifosfamide-Induced Malignancy of Ureter and Bladder.

Arsenic exposure impels CD4 commitment in thymus and suppress T cell cytokine secretion by increasing regulatory T cells.

Predictors of acute kidney injury after paraquat intoxication.

Accumulation of Arsenic Speciation and In Vivo Toxicity Following Oral Administration of a Chinese Patent Medicine Xiao-Er-Zhi-Bao-Wan in Rats.

Visible-light driven Photoelectrochemical Immunosensor Based on SnS(2)@mpg-C(3)N(4) for Detection of Prostate Specific Antigen.

Paraquat poisoning: Case report of a survivor.

Ameliorative effect of vitamin E and selenium against oxidative stress induced by sodium azide in liver, kidney, testis and heart of male mice.

Toxicological characterisation of two novel selective aryl hydrocarbon receptor modulators in Sprague-Dawley rats.

Xenobiotic transporters and kidney injury.

Relation of dietary inorganic arsenic exposure and urinary inorganic arsenic metabolites excretion in Japanese subjects.

Histopathological changes in zebrafish embryos exposed to DLPCBs extract from Zhanjiang coastal sediment.

Exposure to polycyclic aromatic hydrocarbons and volatile organic compounds among recently pregnant rural Guatemalan women cooking and heating with solid fuels.

The Investigation of Unexpected Arsenic Compounds Observed in Routine Biological Monitoring Urinary Speciation Analysis.

Acute kidney injury from different poisonous substances.

Levels of infants' urinary arsenic metabolites related to formula feeding and weaning with rice products exceeding the EU inorganic arsenic standard.

Diurnal and Long-term Variation in Plasma Concentrations and Renal Clearances of Circulating Markers of Kidney Proximal Tubular Secretion.

Metabonomic analysis of quercetin against the toxicity of acrylamide in rat urine.

Nicotine, Carcinogen, and Toxin Exposure in Long-Term E-Cigarette and Nicotine Replacement Therapy Users: A Cross-sectional Study.

Molecular pathways related to the longevity promotion and cognitive improvement of *Cistanche tubulosa* in *Drosophila*.

Carnosine Attenuates the Development of both Type 2 Diabetes and Diabetic Nephropathy in BTBR ob/ob Mice.

An experimental study of postmortem decomposition of methomyl in blood.

Toxic Epidermal Necrolysis and Acute Kidney Injury due to Glyphosate Ingestion.

SILAC-based quantitative proteomic analysis reveals widespread molecular alterations in human skin keratinocytes upon chronic arsenic exposure.

Biomarker Levels of Toxic Metals among Asian Populations in the United States: NHANES 2011-2012.

Discernment scheme for paraquat poisoning: A five-year experience in Shiraz, Iran.

Mumps caused by paraquat-induced poisoning: A case report.

Elevated Urinary Glyphosate and Clostridia Metabolites With Altered Dopamine Metabolism in Triplets With Autistic Spectrum Disorder or Suspected Seizure Disorder: A Case Study.

Encapsulation of Antifungals in Micelles Protects *Candida albicans* during Gall-Bladder Infection.

Beta-Glucans Supplementation Associates with Reduction in P-Cresyl Sulfate Levels and Improved Endothelial Vascular Reactivity in Healthy Individuals.

Effect of cooking on aroma profile of red kidney beans (*Phaseolus vulgaris*) and correlation with sensory quality.

Eryptosis - the Neglected Cause of Anemia in End Stage Renal Disease.

Urinary Arsenic Speciation in Children and Pregnant Women from Spain.

Benefits of Alcohol on Arsenic Toxicity in Rats.

Intravenous injection of Xuebijing attenuates acute kidney injury in rats with paraquat intoxication.

Urinary 3-hydroxypropyl mercapturic acid (3-HPMA) concentrations in dogs with acute spinal cord injury due to intervertebral disc herniation.

Î±-Lipoic acid potentially targets AMP-activated protein kinase and energy production in the fetal brain to ameliorate dioxin-produced attenuation in fetal steroidogenesis.

Interactive Influence of N6AMT1 and As3MT Genetic Variations on Arsenic Metabolism in the Population of Inner Mongolia, China.

[Dose-effect relationship between vitamin C and paraquat poisoning rats].

Histone deacetylase inhibitors mediate DNA damage repair in ameliorating hemorrhagic cystitis.

Examination of in vivo mutagenicity of sodium arsenite and dimethylarsinic acid in gpt delta rats.

Metabolomics as read-across tool: A case study with phenoxy herbicides.

Nephrotoxicity of Kalach 360 SL: biochemical and histopathological findings.

Fresh water fish, *Channa punctatus*, as a model for pendimethalin genotoxicity testing: A new approach toward aquatic environmental contaminants.

Diindolylmethane and Lupeol Modulates Apoptosis and Cell Proliferation in N-Butyl-N-(4-Hydroxybutyl) Nitrosamine Initiated and Dimethylarsinic Acid Promoted rat Bladder Carcinogenesis.

Effects of 2,4-dichlorophenoxyacetic acid on the ventral prostate of rats during the peri-pubertal, pubertal and adult stage.

Mechanism-specific injury biomarkers predict nephrotoxicity early following glyphosate surfactant herbicide (GPSH) poisoning.

Evaluating long-term cellular effects of the arsenic species thio-DMA(V): qPCR-based gene expression as screening tool.

Effect of MDR1 gene polymorphisms on mortality in paraquat intoxicated patients.

Dig1 protects against locomotor and biochemical dysfunctions provoked by Roundup.

The herbicide glyphosate is a weak inhibitor of acetylcholinesterase in rats.

Prognosis and survival analysis of paraquat poisoned patients based on improved HPLC-UV method.

Effects of pentachlorophenol on the detoxification system in white-rumped munia (*Lonchura striata*).

The role of ions, heavy metals, fluoride, and agrochemicals: critical evaluation of potential aetiological factors of chronic kidney disease of multifactorial origin (CKDmfo/CKDu) and recommendations for its eradication.

Atrazine promotes RM1 prostate cancer cell proliferation by activating STAT3 signaling.

Hyperamylasemia as an Early Predictor of Mortality in Patients with Acute Paraquat Poisoning.

Influence of dioxin exposure upon levels of prostate-specific antigen and steroid hormones in Vietnamese men.

Cycloartenyl Ferulate Inhibits Paraquat-Induced Apoptosis in HK-2 Cells With the Involvement of ABCC1.

Unfractionated bone marrow cells attenuate paraquat-induced glomerular injury and acute renal failure by modulating the inflammatory response.

Concurrent Hemoperfusion and Hemodialysis in Patients with Acute Pesticide Intoxication.

Effects of high doses of dexamethasone on hemodynamic and immunohistochemical characteristics of acute paraquat intoxication in rat kidneys.

Metabolic changes in rat urine after acute paraquat poisoning and discriminated by support vector machine.

Effects of the terbutylazine metabolite terbutylazine-desethyl on common carp embryos and larvae.

Pesticide use and risk of end-stage renal disease among licensed pesticide applicators in the Agricultural Health Study.

The effects of resveratrol against trifluralin toxicity in the urinary tract of rats.

Uremic toxins: some thoughts on acrolein and spermine.

Hypospadias and maternal exposure to atrazine via drinking water in the National Birth Defects Prevention study.

Arsenic Metabolism in Children Differs From That in Adults.

Acrolein metabolites, diabetes and insulin resistance.

A carnosine intervention study in overweight human volunteers: bioavailability and reactive carbonyl species sequestering effect.

Cinnamaldehydes in Cancer Chemotherapy.

A low toxicity synthetic cinnamaldehyde derivative ameliorates renal inflammation in mice by inhibiting NLRP3 inflammasome and its related signaling pathways.

Recent Progress in Analytical Methods for Determination of Urinary 3-Hydroxypropylmercapturic Acid, a Major Metabolite of Acrolein.

Urinary inorganic arsenic concentrations and semen quality of male partners of subfertile couples in Tokyo.

Polymorphic variants of MRP4/ABCC4 differentially modulate the transport of methylated arsenic metabolites and physiological organic anions.

Comparative cytotoxicity of fourteen trivalent and pentavalent arsenic species determined using real-time cell sensing.

Sex differences in the reduction of arsenic methylation capacity as a function of urinary total and inorganic arsenic in Mexican children.

[Effect of heme oxygenase-1 transduced by cell penetrating peptide PEP-1 on renal injury in rats with acute paraquat poisoning].

2-Phenethyl Isothiocyanate, Glutathione S-transferase M1 and T1 Polymorphisms, and Detoxification of Volatile Organic Carcinogens and Toxicants in Tobacco Smoke.

Differential effects of superoxide and hydrogen peroxide on myogenic signaling, membrane potential, and contractions of mouse renal afferent arterioles.

PBPK Model for Atrazine and Its Chlorotriazine Metabolites in Rat and Human.

Arsenic Metabolites and Methylation Capacity Among Individuals Living in a Rural Area with Endemic Arseniasis in Inner Mongolia, China.

[The expressions of intercellular adhesion molecule-1 in renal tissue of rats with paraquat poisoning and the effect of melatonin].

A characteristic biosignature for discrimination of gastric cancer from healthy population by high throughput GC-MS analysis.

Practice guideline summary: Treatment of restless legs syndrome in adults: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology.

Protein-bound toxins: has the Cinderella of uraemic toxins turned into a princess?

Exposure to polychlorinated biphenyls and prostate cancer: population-based prospective cohort and experimental studies.

p-Cresyl sulfate affects the oxidative burst, phagocytosis process, and antigen presentation of monocyte-derived macrophages.

Association of Arsenic Methylation Capacity with Developmental Delays and Health Status in Children: A Prospective Case-Control Trial.

Low-level environmental arsenic exposure correlates with unexplained male infertility risk.

LC-MS/MS method for simultaneous determination of serum p-cresyl sulfate and indoxyl sulfate in patients undergoing peritoneal dialysis.

Electrophoretic stacking for sensitive determination of antibiotic ceftazidime in human blood and microdialysates from diabetic foot.

Carbamylated Low-Density Lipoproteins Induce a Prothrombotic State Via LOX-1: Impact on Arterial Thrombus Formation In Vivo.

Atorvastatin attenuates p-cresyl sulfate-induced atherogenesis and plaque instability in ApoE knockout mice.

Para-Dichlorobenzene Exposure Is Associated with Thyroid Dysfunction in US Adolescents.

Arsenic and subclinical vascular damage in a sample of Italian young adults: a cross-sectional analysis.

Polyuria-associated hydronephrosis induced by xenobiotic chemical exposure in mice.

Intestinal microbiota in pediatric patients with end stage renal disease: a Midwest Pediatric Nephrology Consortium study.

p-Cresyl sulfate promotes the formation of atherosclerotic lesions and induces plaque instability by targeting vascular smooth muscle cells.

Separation of Key Biogenic Amines by Capillary Electrophoresis and Determination of Possible Indicators of Sport Fatigue in Athlete's Urine.

2,3,7,8-Tetrachlorodibenzo-p-dioxin has both pro-carcinogenic and anti-carcinogenic effects on neuroendocrine prostate carcinoma formation in TRAMP mice.

Effect of a sustained difference in hemodialytic clearance on the plasma levels of p-cresol sulfate and indoxyl sulfate.

In utero and lactational dioxin exposure induces Sema3b and Sema3g gene expression in the developing mouse brain.

Metabolism, Protein Binding, and Renal Clearance of Microbiota-Derived p-Cresol in Patients with CKD.

METABOLIC DYSBIOSIS OF THE GUT MICROBIOTA AND ITS BIOMARKERS.

Associations of prenatal exposure to five chlorophenols with adverse birth outcomes.

Tubular Secretion in CKD.

Slow intestinal transit contributes to elevated urinary p-cresol level in Italian autistic children.

Endocrine-disrupting chemicals, risk of type 2 diabetes, and diabetes-related metabolic traits: A systematic review and meta-analysis.

Associations among chronic kidney disease, high total p-cresylsulfate and left ventricular systolic dysfunction.

Association of dioxins, furans and dioxin-like PCBs in human blood with nephropathy among US teens and young adults.

Occupational exposure to pesticides and bladder cancer risk.

Metabonomic study of the fruits of *Alpinia oxyphylla* as an effective treatment for chronic renal injury in rats.

Microbial-Derived Metabolites Reflect an Altered Intestinal Microbiota during Catch-Up Growth in Undernourished Neonatal Mice.

A novel orellanine containing mushroom *Cortinarius armillatus*.

Resistant starch alters gut microbiome and metabolomic profiles concurrent with amelioration of chronic kidney disease in rats.

Free p-Cresol Alters Neutrophil Function in Dogs.

Altered intestinal microbial flora and impaired epithelial barrier structure and function in CKD: the nature, mechanisms, consequences and potential treatment.

Urinary concentrations of 2,5-dichlorophenol and diabetes in US adults.

Traditional Arabic Palestinian ethnoveterinary practices in animal health care: A field survey in the West Bank (Palestine).

In Utero and Lactational TCDD Exposure Increases Susceptibility to Lower Urinary Tract Dysfunction in Adulthood.

Development and validation of a LC-MS/MS method for quantitative analysis of uraemic toxins p-cresol sulphate and indoxyl sulphate in saliva.

Gut microbiome in chronic kidney disease.

Association between Blood Dioxin Level and Chronic Kidney Disease in an Endemic Area of Exposure.

Untargeted plasma and tissue metabolomics in rats with chronic kidney disease given AST-120.

Iron Treatment Strategies in Nondialysis CKD.

Aminomethylphosphonic acid inhibits growth and metastasis of human prostate cancer in an orthotopic xenograft mouse model.

Indoxyl sulfate, not p-cresyl sulfate, is associated with cognitive impairment in early-stage chronic kidney disease.

Oral nanoparticulate curcumin combating arsenic-induced oxidative damage in kidney and brain of rats.

Metformin Scavenges Methylglyoxal To Form a Novel Imidazolinone Metabolite in Humans.

Synbiotics Easing Renal Failure by Improving Gut Microbiology (SYNERGY): A Randomized Trial.

Hemocompatibility evaluation for peptide fragments of human serum albumin cleaved by cyanogens bromide.

p-Cresyl sulfate is associated with carotid arteriosclerosis in hemodialysis patients and promotes atherogenesis in apoE^{-/-} mice.

Developmental toxicity, EROD, and CYP1A mRNA expression in zebrafish embryos exposed to dioxin-like PCB126.

Exaggerated arsenic nephrotoxicity in female mice through estrogen-dependent impairments in the autophagic flux.

Aromatic Hydrocarbon Receptor Suppresses Prostate Cancer Bone Metastasis Cells-Induced Vasculogenesis of Endothelial Progenitor Cells under Hypoxia.

Increased Levels of Total p-Cresylsulfate Are Associated with Pruritus in Patients with Chronic Kidney Disease.

Initial Serum Ammonia as a Predictor of Neurologic Complications in Patients with Acute Glufosinate Poisoning.

Protective effects of thymoquinone against apoptosis and oxidative stress by arsenic in rat kidney.

Associations between urinary concentrations of 2,5-dichlorophenol and metabolic syndrome among non-diabetic adults.

Effects of Liposomes Charge on Extending Sciatic Nerve Blockade of N-ethyl Bromide of Lidocaine in Rats.

Diazepam influences urinary bioindicator of occupational toluene exposure.

Urinary arsenic species concentration in residents living near abandoned metal mines in South Korea.

Sex Steroid Hormone Single-Nucleotide Polymorphisms, Pesticide Use, and the Risk of Prostate Cancer: A Nested Case-Control Study within the Agricultural Health Study.

Total and speciated urinary arsenic levels in the Spanish population.

Nanogold-functionalized g-C₃N₄ nanohybrids for sensitive impedimetric immunoassay of prostate-specific antigen using enzymatic biocatalytic precipitation.

Global metabolic changes induced by plant-derived pyrrolizidine alkaloids following a human poisoning outbreak and in a mouse model.

Dietary micronutrient intake and its relationship with arsenic metabolism in Mexican women.

Kt/Vurea and Nonurea Small Solute Levels in the Hemodialysis Study.

Dialysis catheter-related pulmonary embolism in a patient with paraquat intoxication.

Resistant starch reduces colonic and urinary p-cresol in rats fed a tyrosine-supplemented diet, whereas konjac mannan does not.

Urinary Metabotyping of Hepatocellular Carcinoma in a UK Cohort Using Proton Nuclear Magnetic Resonance Spectroscopy.

Exposure to Inorganic Arsenic Is Associated with Increased Mitochondrial DNA Copy Number and Longer Telomere Length in Peripheral Blood.

Acute kidney injury in patients with paraquat intoxication; a case report and review of the literature.

Association between polymorphisms in arsenic metabolism genes and urinary arsenic methylation profiles in girls and boys chronically exposed to arsenic.

Multi-tissue metabolic responses of goldfish (*Carassius auratus*) exposed to glyphosate-based herbicide.

Toxic effects of glyphosate-based herbicide, Excel Mera 71 on gill, liver, and kidney of *Heteropneustes fossilis* under laboratory and field conditions.

Oleuropein ameliorates arsenic induced oxidative stress in mice.

Effect of retinyl acetate on transglutaminase 2 activity in carcinogen treated rat liver.

Urinary Phthalate Metabolites in American Alligators (*Alligator mississippiensis*) from Selected Florida Wetlands.

p-cresol but not p-cresyl sulfate stimulate MCP-1 production via NF- κ B p65 in human vascular smooth muscle cells.

Impact of dioxins on antipyrine metabolism in firefighters.

A biological indicator of inorganic arsenic exposure using the sum of urinary inorganic arsenic and monomethylarsonic acid concentrations.

Effect of Acetyl-L-Carnitine on Antioxidant Status, Lipid Peroxidation, and Oxidative Damage of Arsenic in Rat.

Treatment of Resistant Cyclophosphamide Induced Haemorrhagic Cystitis: Review of Literature and Three Case Reports.

Assessment of Exposure to VOCs among Pregnant Women in the National Children's Study.

Underestimation of the Maximal Capacity of the Mitochondrial Electron Transport System in Oligomycin-Treated Cells.

A urinary metabonomics analysis of long-term effect of acetochlor exposure on rats by ultra-performance liquid chromatography/mass spectrometry.

Developmental toxicity, oxidative stress, and related gene expression induced by dioxin-like PCB 126 in zebrafish (*Danio rerio*).

Arsenic and smokeless tobacco induce genotoxicity, sperm abnormality as well as oxidative stress in mice *in vivo*.

Paraquat Poisoning: A Case Report.

Transformation, products, and pathways of chlorophenols via electro-enzymatic catalysis: How to control toxic intermediate products.

Evaluation and identification of dioxin exposure biomarkers in human urine by high-resolution metabolomics, multivariate analysis and *in vitro* synthesis.

Effect of probiotic and prebiotic fermented milk on skin and intestinal conditions in healthy young female students.

Arsenite accumulation in the mouse eye.

Evaluation and modeling of the impact of coexposures to VOC mixtures on urinary biomarkers.

The impact of combined administration of paraquat and maneb on motor and non-motor functions in the rat.

[Three cases of an extreme hyperkalemia associated with glyphosate potassium herbicide poisoning].

Interpreting biomonitoring data for 2,4-dichlorophenoxyacetic acid: Update to Biomonitoring Equivalents and population biomonitoring data.

Executive Summary to EDC-2: The Endocrine Society's Second Scientific Statement on Endocrine-Disrupting Chemicals.

Histopathological and ultramicroscopical changes in gill, liver and kidney of *Anabas testudineus* (Bloch) after chronic intoxication of almix (metsulfuron methyl 10.1%+chlorimuron ethyl 10.1%) herbicide.

Bioaccumulation and neurotoxicity of dithiopyridine herbicide in the brain of freshwater fish, *Cyprinus carpio*.

[Analysis of risk factors for prognosis of patients with acute paraquat intoxication].

[A case of rhabdomyolysis, acute renal failure induced by paraquat poisoning].

Cigarette side-stream smoke lung and bladder carcinogenesis: inducing mutagenic acrolein-DNA adducts, inhibiting DNA repair and enhancing anchorage-independent-growth cell transformation.

Antifungal, Phytotoxic, and Cytotoxic Activities of Metabolites from *Epichloë bromicola*, a Fungus Obtained from *Elymus tangutorum* Grass.

[Intensive hemoperfusion and long-term hemofiltration for treatment of paraquat poisoning: a case report].

Molecular characterization of heat-shock protein 90 gene and its expression in *Gobiocypris rarus* juveniles exposed to pentachlorophenol.

Toxicity of diuron in human cancer cells.

Kidney damage biomarkers detect acute kidney injury but only functional markers predict mortality after paraquat ingestion.

[The prevention and therapeutics effect of sodium bicarbonate with gastric lavage, atomization inhalation and intravenous injection on the patients with paraquat poisoning and pulmonary fibrosis induced by paraquat poisoning].

[Hemoperfusion alleviated paraquat-induced kidney inflammation injury of rabbit].

Transcriptome profile analysis reflects rat liver and kidney damage following chronic ultra-low dose Roundup exposure.

Toxicity of environmental Gesagard to goldfish may be connected with induction of low intensity oxidative stress in concentration- and tissue-related manners.

2,4-Dichlorophenoxyacetic acid and non-Hodgkin's lymphoma, gastric cancer, and prostate cancer: meta-analyses of the published literature.

Acute and subchronic toxic effects of atrazine and chlorpyrifos on common carp (*Cyprinus carpio* L.): Immunotoxicity assessments.

Simultaneous exposure to multiple heavy metals and glyphosate may contribute to Sri Lankan agricultural nephropathy.

Evaluation of early changes induced by diuron in the rat urinary bladder using different processing methods for scanning electron microscopy.

Agent Orange and long-term outcomes after radical prostatectomy.

Mercapturic Acids Derived from the Toxicants Acrolein and Crotonaldehyde in the Urine of Cigarette Smokers from Five Ethnic Groups with Differing Risks for Lung Cancer.

Alteration in the cytokine levels and histopathological damage in common carp induced by glyphosate.

[The study of kidney injury in rats with acute paraquat poisoning].

[The expressions of P38 mitogen-activated protein kinases and JNK mitogen-activated protein kinases in the renal tissue of rats with acute paraquat poisoning and the therapeutical effects of melatonin].

Effects of atrazine and chlorpyrifos on oxidative stress-induced autophagy in the immune organs of common carp (*Cyprinus carpio* L.).

[Intensity of hemoperfusion in acute paraquat-poisoned patients and analysis of prognosis].

[Effect of rhubarb as the main composition of sequential treatment in patients with acute paraquat poisoning: a prospective clinical research].

Betanin attenuates oxidative stress and inflammatory reaction in kidney of paraquat-treated rat.

Proposal for novel metabolic pathway of highly toxic dimethylated arsenics accompanied by enzymatic sulfuration, desulfuration and oxidation.

Commercial formulation containing 2,4-D affects biochemical parameters and morphological indices of silver catfish exposed for 90 days.

Mechanisms underlying early rapid increases in creatinine in paraquat poisoning.

UV and hydrogen peroxide treatment restores changes in innate immunity caused by exposure of fish to reuse water.

[Clinical study on the treatment of acute paraquat poisoning with sequential whole gastric and bowel irrigation].

Assessment of pesticide residues and gene expression in common carp exposed to atrazine and chlorpyrifos: Health risk assessments.

In vitro safety assessment of food ingredients in canine renal proximal tubule cells.

Protective effects of caffeic acid phenethyl ester on the dose-dependent acute nephrotoxicity with paraquat in a rat model.

Effects of prometryne on early life stages of common carp (*Cyprinus carpio* L.).

Molecular mechanisms of acrolein toxicity: relevance to human disease.

(1)H NMR based metabolomics approach to study the toxic effects of herbicide butachlor on goldfish (*Carassius auratus*).

Histopathological alterations in the kidney of Caspian kutum, *Rutilus frisii kutum*, larvae and fingerlings exposed to sublethal concentration of atrazine.

Dimethylarsinic acid (DMA(V)) changed the expressions of proliferative related factors and secretion of inflammatory cytokines in rat bladder.

Drinking well water and occupational exposure to Herbicides is associated with chronic kidney disease, in Padavi-Sripura, Sri Lanka.

Study of Cytotoxic Effects of Benzonitrile Pesticides.

The herbicide glyphosate causes behavioral changes and alterations in dopaminergic markers in male Sprague-Dawley rat.

Immunological and histopathological responses of the kidney of common carp (*Cyprinus carpio* L.) sublethally exposed to glyphosate.

Transcription alteration of immunologic parameters and histopathological damage in common carp (*Cyprinus carpio* L.) caused by paraquat.

EDC-2: The Endocrine Society's Second Scientific Statement on Endocrine-Disrupting Chemicals.

The effect of superoxide anion and hydrogen peroxide imbalance on prostate cancer: an integrative in vivo and in vitro analysis.

The Genetic Architecture of Arsenic Metabolism Efficiency: A SNP-Based Heritability Study of Bangladeshi Adults.

Lung inflammation biomarkers and lung function in children chronically exposed to arsenic.

Superoxide enhances Ca²⁺ entry through L-type channels in the renal afferent arteriole.

The association of urine arsenic with prevalent and incident chronic kidney disease: evidence from the Strong Heart Study.

Endogenous hydrogen peroxide in the hypothalamic paraventricular nucleus regulates neurohormonal excitation in high salt-induced hypertension.

[Preventive effects of 5-hydroxy-1-methylhydantoin on paraquat-induced nephrotoxicity in rat].

Distinguishing mild cognitive impairment from Alzheimer's disease with acrolein metabolites and creatinine in urine.

Cinnamaldehyde Contributes to Insulin Sensitivity by Activating PPAR α , PPAR β , and RXR.

Reduction of the Pentavalent Arsenical Dimethylarsinic Acid and the GSTO1 Substrate S-(4-Nitrophenacyl)glutathione by Rat Liver Cytosol: Analyzing the Role of GSTO1 in Arsenic Reduction.

Renal function is associated with indicators of arsenic methylation capacity in Bangladeshi adults.

Predictors of urinary levels of 2,4-dichlorophenoxyacetic acid, 3,5,6-trichloro-2-pyridinol, 3-phenoxybenzoic acid, and pentachlorophenol in 121 adults in Ohio.

Cinnamaldehyde and nitric oxide attenuate advanced glycation end products-induced the Jak/STAT signaling in human renal tubular cells.

The distribution in tissues and urine of arsenic metabolites after subchronic exposure to dimethylarsinic acid (DMAV) in rats.

Simultaneous determination of cinnamaldehyde and its metabolite in rat tissues by gas chromatography-mass spectrometry.

Influence of the level of arsenic (As) exposure and the presence of T860C polymorphism in human As urinary metabolic profile.

Short-term variability and predictors of urinary pentachlorophenol levels in Ohio preschool children.

DMA(V) in Drinking Water Activated NF- κ B Signal Pathway and Increased TGF- β 2 and IL-1 β Expressions in Bladder Epithelial Cells of Rats.

Urinary arsenic speciation profile in ethnic group of the Atacama desert (Chile) exposed to variable arsenic levels in drinking water.

Anti-androgen flutamide suppresses hepatocellular carcinoma cell proliferation via the aryl hydrocarbon receptor mediated induction of transforming growth factor- β 1.

Assessment of global and gene-specific DNA methylation in rat liver and kidney in response to non-genotoxic carcinogen exposure.

Para-cresyl sulfate acutely impairs vascular reactivity and induces vascular remodeling.

Green tea inhibited the elimination of nephro-cardiovascular toxins and deteriorated the renal function in rats with renal failure.

Pesticide exposure and end-stage renal disease risk among wives of pesticide applicators in the Agricultural Health Study.

Several Ryanodine Receptor Type 1 Gene Mutations of p.Arg2508 Are Potential Sources of Malignant Hyperthermia.

Proximal tubular efflux transporters involved in renal excretion of p-cresyl sulfate and p-cresyl glucuronide: Implications for chronic kidney disease pathophysiology.

A randomized trial of intravenous and oral iron in chronic kidney disease.

Exploring Protein Binding of Uremic Toxins in Patients with Different Stages of Chronic Kidney Disease and during Hemodialysis.

Continuous Reduction of Protein-Bound Uraemic Toxins with Improved Oxidative Stress by Using the Oral Charcoal Adsorbent AST-120 in Haemodialysis Patients.

KML001 Induces Apoptosis and Autophagic Cell Death in Prostate Cancer Cells via Oxidative Stress Pathway.

p-Cresol and Cardiovascular Risk in Kidney Transplant Recipients.

Dietary protein-fiber ratio associates with circulating levels of indoxyl sulfate and p-cresyl sulfate in chronic kidney disease patients.

The Chronic Kidney Disease - Colonic Axis.

Detection of urine metabolites in polycystic ovary syndrome by UPLC triple-TOF-MS.

The Role of Liver in Determining Serum Colon-Derived Uremic Solutes.

Gut-Microbiota-Metabolite Axis in Early Renal Function Decline.

Left ventricular global longitudinal strain is associated with cardiovascular risk factors and arterial stiffness in chronic kidney disease.

Activation of aryl hydrocarbon receptor promotes invasion of clear cell renal cell carcinoma and is associated with poor prognosis and cigarette smoke.

Meta-Analysis of the Associations of p-Cresyl Sulfate (PCS) and Indoxyl Sulfate (IS) with Cardiovascular Events and All-Cause Mortality in Patients with Chronic Renal Failure.

The AhR Ligand, TCDD, Regulates Androgen Receptor Activity Differently in Androgen-Sensitive versus Castration-Resistant Human Prostate Cancer Cells.

Nitrite-mediated renal vasodilatation is increased during ischemic conditions via cGMP-independent signaling.

Tetramethylpyrazine (TMP) protects against sodium arsenite-induced nephrotoxicity by suppressing ROS production, mitochondrial dysfunction, pro-inflammatory signaling pathways and programmed cell death.

p-Cresyl sulfate aggravates cardiac dysfunction associated with chronic kidney disease by enhancing apoptosis of cardiomyocytes.

Arsenic exposure and prevalence of the varicella zoster virus in the United States: NHANES (2003-2004 and 2009-2010).

Aminomethylphosphonic acid and methoxyacetic acid induce apoptosis in prostate cancer cells.

Free Levels of Selected Organic Solutes and Cardiovascular Morbidity and Mortality in Hemodialysis Patients: Results from the Retained Organic Solutes and Clinical Outcomes (ROSCO) Investigators.

Dioxin inhibition of swim bladder development in zebrafish: is it secondary to heart failure?

Fiber supplementation lowers plasma p-cresol in chronic kidney disease patients.

Effects of uremic solutes on reactive oxygen species in vitro model systems as a possibility of support the renal function management.

p-Cresol mediates autophagic cell death in renal proximal tubular cells.

Variation in urinary flow rates according to demographic characteristics and body mass index in NHANES: potential confounding of associations between health outcomes and urinary biomarker concentrations.

Associations of plasma concentrations of dichlorodiphenyldichloroethylene and polychlorinated biphenyls with prostate cancer: a case-control study in Guadeloupe (French West Indies).

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced hypertension: the beneficial effects of melatonin.

A potential synergy between incomplete arsenic methylation capacity and demographic characteristics on the risk of hypertension: findings from a cross-sectional study in an arsenic-endemic area of inner Mongolia, China.

Inorganic Arsenic-induced cellular transformation is coupled with genome wide changes in chromatin structure, transcriptome and splicing patterns.

Synergic actions of polyphenols and cyanogens of peanut seed coat (*Arachis hypogaea*) on cytological, biochemical and functional changes in thyroid.

Cerenkov-specific contrast agents for detection of pH in vivo.

Internal exposure to organochlorine pollutants and cadmium and self-reported health status: a prospective study.

Uremic toxins, oxidative stress, and renal fibrosis: an intertwined complex.

Associations between urinary phenol and paraben concentrations and markers of oxidative stress and inflammation among pregnant women in Puerto Rico.

Effects of sodium arsenite on the some laboratory signs and therapeutic role of thymoquinone in the rats.

Collection and storage of urine specimens for measurement of urolithiasis risk factors.

Effect of uraemia on endothelial cell damage is mediated by the integrin linked kinase pathway.

Urinary amino acid alterations in 3-year-old children with neurodevelopmental effects due to perinatal dioxin exposure in Vietnam: a nested case-control study for neurobiomarker discovery.

[MODELING IN VITRO PATHWAYS OF ACTIVATION OF LIPID PEROXIDATION AND PROTEIN IN CHRONIC KIDNEY DISEASE].

Dioxin-Produced Alteration in the Profiles of Fecal and Urinary Metabolomes: A Change in Bile Acids and Its Relevance to Toxicity.

Indoxyl sulfate, not P-cresyl sulfate, is associated with advanced glycation end products in patients on long-term hemodialysis.

Ferric carboxymaltose: a review of its use in iron deficiency.

Release of uremic retention solutes from protein binding by hypertonic predilution hemodiafiltration.

Antiandrogenic mechanisms of pesticides in human LNCaP prostate and H295R adrenocortical carcinoma cells.

Effects of acute hypercapnia with and without acidosis on lung inflammation and apoptosis in experimental acute lung injury.

Genetic variation in arsenic (+3 oxidation state) methyltransferase (AS3MT), arsenic metabolism and risk of basal cell carcinoma in a European population.

Alterations of platelet functions in children and adolescents with iron-deficiency anemia and response to therapy.

Simultaneous determination of phenoxyethanol and its major metabolite, phenoxyacetic acid, in rat biological matrices by LC-MS/MS with polarity switching: Application to ADME studies.

Evaluation of [(11)C]methyl-losartan and [(11)C]methyl-EXP3174 for PET imaging of renal AT1receptor in rats.

The small heat shock protein, HSP30, is associated with aggresome-like inclusion bodies in proteasomal inhibitor-, arsenite-, and cadmium-treated Xenopus kidney cells.

Treatment Following Intoxication With Lethal Dose of Paraquat: A Case Report and Review of Literature.

Hepatotoxicity, Nephrotoxicity and Oxidative Stress in Rat Testis Following Exposure to Haloxyfop-p-methyl Ester, an Aryloxyphenoxypropionate Herbicide.

Absorption of PCB126 by upper airways impairs G protein-coupled receptor-mediated immune response.

Levels of selected urinary metabolites of volatile organic compounds among children aged 6-11 years.

High accumulation of arsenic in the esophagus of mice after exposure to arsenite.

Biotin amelioration of nephrotoxicity in streptozotocin-induced diabetic mice.

Distributions of selected urinary metabolites of volatile organic compounds by age, gender, race/ethnicity, and smoking status in a representative sample of U.S. adults.

Toxicokinetic Model Development for the Insensitive Munitions Component 2,4-Dinitroanisole.

TCDD and corticosterone on testicular steroidogenesis and antioxidant system of epididymal sperm in rats.

Simple and sensitive GC/MS-method for the quantification of urinary phenol, o- and m-cresol and ethylphenols as biomarkers of exposure to industrial solvents.

Metals exposure and risk of small-for-gestational age birth in a Canadian birth cohort: The MIREC study.

Analysis of 18 urinary mercapturic acids by two high-throughput multiplex-LC-MS/MS methods.

Measurement of Total and Free Urinary Phenol and Paraben Concentrations over the Course of Pregnancy: Assessing Reliability and Contamination of Specimens in the Norwegian Mother and Child Cohort Study.

Characterization of arsenic hepatobiliary transport using sandwich-cultured human hepatocytes.

Characterization of Batracylin-induced Renal and Bladder Toxicity in Rats.

Intrathecal cannabinoid-1 receptor agonist prevents referred hyperalgesia in acute acrolein-induced cystitis in rats.

Use status and metabolism of realgar in Chinese patent medicine.

Urinary biomarkers as exposure surrogates: controlling for possible bias.

Human inhalation exposures to toluene, ethylbenzene, and m-xylene and physiologically based pharmacokinetic modeling of exposure biomarkers in exhaled air, blood, and urine.

Suspected flunixin poisoning of a wild Eurasian Griffon Vulture from Spain.

Inflammation and pyroptosis mediate muscle expansion in an interleukin-1^β (IL-1^β)-dependent manner.

Idiopathic erythrocytosis in a patient on chronic hemodialysis.

Accumulation of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in livers of young sheep.

Longitudinal assessment of occupational exposures to the organophosphorous insecticides chlorpyrifos and profenofos in Egyptian cotton field workers.

Phosphate fertilizer is a main source of arsenic in areas affected with chronic kidney disease of unknown etiology in Sri Lanka.

Protective effects of phyllanthus emblica leaf extract on sodium arsenite-mediated adverse effects in mice.

Protein-bound uremic toxins induce tissue remodeling by targeting the EGF receptor.

Metabolomic pattern analysis after mediterranean diet intervention in a nondiabetic population: a 1- and 3-year follow-up in the PREDIMED study.

Proteomic analysis of human bladder epithelial cells by 2D blue native SDS-PAGE reveals TCDD-induced alterations of calcium and iron homeostasis possibly mediated by nitric oxide.

Naringin ameliorates sodium arsenite-induced renal and hepatic toxicity in rats: decisive role of KIM-1, Caspase-3, TGF- β^2 , and TNF- α .

Modulation of aryl hydrocarbon receptor regulated genes by acute administration of trimethylarsine oxide in the lung, kidney and heart of C57BL/6 mice.

[The influence of iron ions on ATP-hydrolases activity of cell membranes of rat colon smooth muscle and kidney].

Molecular biology of the stress response in the early embryo and its stem cells.

Association between maternal urinary arsenic species and infant cord blood leptin levels in a New Hampshire Pregnancy Cohort.

Acute systemic accumulation of acrolein in mice by inhalation at a concentration similar to that in cigarette smoke.

Continuous renal replacement therapy circuit failure after antidote administration.

Dose and temporal effects on gene expression profiles of urothelial cells from rats exposed to diuron.

Effect of atrazine and fenitrothion at no-observed-effect-levels (NOEL) on amphibian and mammalian corticosterone-binding-globulin (CBG).

[Comparative study of different methods of blood purification treatment of paraquat intoxication].

Diagnostic and therapeutic approach for acute paraquat intoxication.

Carcinogenicity of metamifop, a novel herbicide, in Wistar rats following oral administration for 104 weeks.

Toxic effects of paraquat on cytokine expression in common carp, *Cyprinus carpio* L.

A critical review of the epidemiology of Agent Orange/TCDD and prostate cancer.

Effects of atrazine and chlorpyrifos on DNA methylation in the liver, kidney and gill of the common carp (*Cyprinus carpio* L.).

Histopathological and biochemical changes in goldfish kidney due to exposure to the herbicide Sencor may be related to induction of oxidative stress.

Liposomal inhibition of acrolein-induced injury in rat cultured urothelial cells.

Indicators of the statuses of amphibian populations and their potential for exposure to atrazine in four midwestern U.S. conservation areas.

Pro- and anti-inflammatory cytokine expression in immune organs of the common carp exposed to atrazine and chlorpyrifos.

Comparison between kidney and continuous plasma perfusion for paraquat elimination.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.

Evaluation of potential endocrine activity of 2,4-dichlorophenoxyacetic acid using in vitro assays.

Induction of micronuclei and nuclear abnormalities in tadpoles of the common toad (*Rhinella arenarum*) treated with the herbicides Liberty[®] and glufosinate-ammonium.

Changes in phosphatidylinositol 3-kinase 55 kDa gamma expression and subcellular localization may be caspase 6 dependent in paraquat-induced SH-SY5Y apoptosis.

Time course of urothelial changes in rats and mice orally administered arsenite.

Acrolein- and 4-Aminobiphenyl-DNA adducts in human bladder mucosa and tumor tissue and their mutagenicity in human urothelial cells.

Hemolytic uremic syndrome associated with paraquat intoxication.

[Tumor necrosis factor- α induced protein 6 attenuates acute kidney injury following paraquat poisoning in rats].

Protective effects of exogenous β -hydroxybutyrate on paraquat toxicity in rat kidney.

Diuron-induced rat urinary bladder carcinogenesis: mode of action and human relevance evaluations using the International Programme on Chemical Safety framework.

Mesoamerica's mystery killer.

α -Tocopheryl succinate pre-treatment attenuates quinone toxicity in prostate cancer PC3 cells.

[The prognostic value of the Acute Kidney Injury Network criteria in patients with acute paraquat poisoning].

Agent Orange and heart disease: is there a connection?

Methemoglobinemia associated with metaflumizone poisoning.

Toxicological properties of the thiolated inorganic arsenic and arsenosugar metabolite thio-dimethylarsinic acid in human bladder cells.

Kidney biomarkers in MCPA-induced acute kidney injury in rats: reduced clearance enhances early biomarker performance.

Cytotoxicity and genotoxicity caused by yttrium oxide nanoparticles in HEK293 cells.

Tissue-specific induction of oxidative stress in goldfish by 2,4-dichlorophenoxyacetic acid: mild in brain and moderate in liver and kidney.

Immunological effects of paraquat on common carp, *Cyprinus carpio* L.

Glyphosate, hard water and nephrotoxic metals: are they the culprits behind the epidemic of chronic kidney disease of unknown etiology in Sri Lanka?

Use of a glyphosate-based herbicide-induced nephrotoxicity model to investigate a panel of kidney injury biomarkers.

Association between Agent Orange exposure and nonmelanotic invasive skin cancer: a pilot study.

Evaluation of metabolic enzymes in response to Excel Mera 71, a glyphosate-based herbicide, and recovery pattern in freshwater teleostean fishes.

Hemodialysis clearance of glyphosate following a life-threatening ingestion of glyphosate-surfactant herbicide.

Characterization of intracellular inclusions in the urothelium of mice exposed to inorganic arsenic.

Arsenic methylation capacity and obesity are associated with insulin resistance in obese children and adolescents.

Agent Orange exposure and risk of death in Korean Vietnam veterans: Korean Veterans Health Study.

MDR1 transporter protects against paraquat-induced toxicity in human and mouse proximal tubule cells.

XRCC1 Arg194Trp and Arg399Gln polymorphisms and arsenic methylation capacity are associated with urothelial carcinoma.

Acrolein exposure is associated with increased cardiovascular disease risk.

Interaction of plasma glutathione redox and folate deficiency on arsenic methylation capacity in Bangladeshi adults.

Differences of urinary arsenic metabolites and methylation capacity between individuals with and without skin lesions in Inner Mongolia, Northern China.

Arsenic methylation capacity and developmental delay in preschool children in Taiwan.

Advanced glycation end products of beta2-microglobulin in uremic patients as determined by high resolution mass spectrometry.

Prenatal exposure to organophosphate pesticides and neurobehavioral development of neonates: a birth cohort study in Shenyang, China.

Urinary biomarkers of exposure to insecticides, herbicides, and one insect repellent among pregnant women in Puerto Rico.

Urinary excretion of arsenic following rice consumption.

Urinary metabolomics revealed arsenic internal dose-related metabolic alterations: a proof-of-concept study in a Chinese male cohort.

Evaluation of urinary speciated arsenic in NHANES: issues in interpretation in the context of potential inorganic arsenic exposure.

Pesticide exposures to migrant farmworkers in Eastern NC: detection of metabolites in farmworker urine associated with housing violations and camp characteristics.

Metabolic pathway elucidation towards time- and dose-dependent electrophoretic screening of stable oxidative phenolic compounds.

Environmental determinants of the urinary concentrations of herbicides during pregnancy: the PELAGIE mother-child cohort (France).

Organophosphate pesticide exposure and dialkyl phosphate urinary metabolites among chili farmers in northeastern Thailand.

Health effects and arsenic species in urine of copper smelter workers.

Rice consumption and urinary concentrations of arsenic in US adults.

In-vivo evaluation of the permeability of the blood-brain barrier to arsenicals, molybdate, and methylmercury by use of online microdialysis-packed minicolumn-inductively coupled plasma mass spectrometry.

The factors influencing urinary arsenic excretion and metabolism of workers in steel and iron smelting foundry.

A novel multi-amplification photoelectrochemical immunoassay based on copper(II) enhanced polythiophene sensitized graphitic carbon nitride nanosheet.

Silencing KRAS overexpression in arsenic-transformed prostate epithelial and stem cells partially mitigates malignant phenotype.

In vivo kinetics of the uremic toxin p-cresyl sulfate in mice with variable renal function.

Dynamic changes in metabolic profiles of rats subchronically exposed to mequindox.

Uremic toxicity and sclerostin in chronic kidney disease patients.

Effect of mitochondrial metabolism-interfering agents on cancer cell mitochondrial function and radio/chemosensitivity.

Low brain iron effects and reversibility on striatal dopamine dynamics.

The novel regulations of MEF2A, CAMKK2, CALM3, and TNNI3 in ventricular hypertrophy induced by arsenic exposure in rats.

Malondialdehyde, antioxidant enzymes, and renal tubular functions in children with iron deficiency or iron-deficiency anemia.

Association of urinary phenols with increased body weight measures and obesity in children and adolescents.

Commentary on nephropathy and longitudinal studies of diabetes, and dioxins, furans, and dioxin-like PCBs.

A mouse strain less responsive to dioxin-induced prostaglandin E2 synthesis is resistant to the onset of neonatal hydronephrosis.

Human organic anion transporters function as a high-capacity transporter for p-cresyl sulfate, a uremic toxin.

Cardiac myocyte-specific AHR activation phenocopies TCDD-induced toxicity in zebrafish.

Urinary p-cresol is elevated in young French children with autism spectrum disorder: a replication study.

Inhibition of human drug-metabolising cytochrome P450 and UDP-glucuronosyltransferase enzyme activities in vitro by uremic toxins.

Effect of short-term synbiotic treatment on plasma p-cresol levels in patients with chronic renal failure: a randomized clinical trial.

In utero exposure to TCDD alters Wnt signaling during mouse prostate development: linking ventral prostate agenesis to downregulated β^2 -catenin signaling.

Uraemic toxins and cardiovascular disease across the chronic kidney disease spectrum: an observational study.

The uremic toxicity of indoxyl sulfate and p-cresyl sulfate: a systematic review.

Uremic toxin p-cresol induces Akt-pathway-selective insulin resistance in bone marrow-derived mesenchymal stem cells.

Indoxyl sulfate and p-cresyl sulfate in chronic kidney disease. Could these toxins modulate the antioxidant Nrf2-Keap1 pathway?

Gestational and lactational exposure to the polychlorinated biphenyl mixture Aroclor 1254 modulates retinoid homeostasis in rat offspring.

Clinical and etiological heterogeneity in patients with tracheo-esophageal malformations and associated anomalies.

Long-term low-dose exposure of human urothelial cells to sodium arsenite activates lipocalin-2 via promoter hypomethylation.

Androgen receptor signaling in hepatocellular carcinoma and pancreatic cancers.

Pesticide methoxychlor promotes the epigenetic transgenerational inheritance of adult-onset disease through the female germline.

The association of uremic toxins and inflammation in hemodialysis patients.

Role of the autonomic nervous system and baroreflex in stress-evoked cardiovascular responses in rats.

Joint effects of urinary arsenic methylation capacity with potential modifiers on arsenicosis: a cross-sectional study from an endemic arsenism area in Huhhot Basin, northern China.

Dioxins, furans and dioxin-like PCBs in human blood: causes or consequences of diabetic nephropathy?

Metabolites of tobacco smoking and colorectal cancer risk.

Protective effect of ellagic acid against TCDD-induced renal oxidative stress: modulation of CYP1A1 activity and antioxidant defense mechanisms.

Uremic toxins impair human bone marrow-derived mesenchymal stem cells functionality in vitro.

Cardiovascular disease relates to intestinal uptake of p-cresol in patients with chronic kidney disease.

Relationship between urine dichlorophenol levels and asthma morbidity.

An adsorbent monolith device to augment the removal of uraemic toxins during haemodialysis.

Determinants of cognitive performance in children relying on cyanogenic cassava as staple food.

Peroxiredoxin I protein, a potential biomarker of hydronephrosis in fetal mice exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Heritability and clinical determinants of serum indoxyl sulfate and p-cresyl sulfate, candidate biomarkers of the human microbiome enterotype.

Protein-bound uremic toxins, inflammation and oxidative stress: a cross-sectional study in stage 3-4 chronic kidney disease.

Interaction between arsenic exposure from drinking water and genetic susceptibility in carotid intima-media thickness in Bangladesh.

Evidence that p-cresol and IL-6 are adsorbed by the HFR cartridge: towards a new strategy to decrease systemic inflammation in dialyzed patients?

Nanoencapsulation of DMSA monoester for better therapeutic efficacy of the chelating agent against arsenic toxicity.

Aberrant microRNA expression likely controls RAS oncogene activation during malignant transformation of human prostate epithelial and stem cells by arsenic.

The gut microbiome, kidney disease, and targeted interventions.

The FIND-CKD study--a randomized controlled trial of intravenous iron versus oral iron in non-dialysis chronic kidney disease patients: background and rationale.

Uremic toxin development in living kidney donors: a longitudinal study.

The aryl hydrocarbon receptor-activating effect of uremic toxins from tryptophan metabolism: a new concept to understand cardiovascular complications of chronic kidney disease.

Effectiveness of wetting method for control of konzo and reduction of cyanide poisoning by removal of cyanogens from cassava flour.

Protein-bound molecules: a large family with a bad character.

2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure and prostate cancer: a meta-analysis of cohort studies.

Prominent accumulation in hemodialysis patients of solutes normally cleared by tubular secretion.

Effect of uremic serum and uremic toxins on drug metabolism in human microsomes.

Urinary concentrations of dichlorophenol pesticides and obesity among adult participants in the U.S. National Health and Nutrition Examination Survey (NHANES) 2005-2008.

Protein-bound uremic toxins: new culprits of cardiovascular events in chronic kidney disease patients.

Predominant role of cytosolic phospholipase A₂ in dioxin-induced neonatal hydronephrosis in mice.

Exploration of novel predictive markers in rat plasma of the early stages of chronic renal failure.

Elevated blood pressure in offspring of rats exposed to diverse chemicals during pregnancy.

Methylarsonous acid causes oxidative DNA damage in cells independent of the ability to biomethylate inorganic arsenic.

Modulation of telomerase activity, bTERT and c-Myc induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin during Bovine Herpesvirus 1 infection in MDBK cells.

Effects of intestinal bacteria-derived p-cresyl sulfate on Th1-type immune response in vivo and in vitro.

Organic anion transporting polypeptides 1B1 and 1B3 play an important role in uremic toxin handling and drug-uremic toxin interactions in the liver.

[The functional state of the kidneys after adenosine triphosphate-sensitive potassium channels activation in experimental acute hypoxia].

What would you like to eat, Mr CKD Microbiota? A Mediterranean Diet, please!

Effect of terbuthylazine-2-hydroxy at environmental concentrations on early life stages of common carp (*Cyprinus carpio* L.).

Expansion of urease- and uricase-containing, indole- and p-cresol-forming and contraction of short-chain fatty acid-producing intestinal microbiota in ESRD.

P-cresyl sulfate is a valuable predictor of clinical outcomes in pre-ESRD patients.

In utero and lactational exposure to a mixture of environmental contaminants detected in Canadian Arctic human populations alters retinoid levels in rat offspring with low margins of exposure.

Effects of AST-120 on blood concentrations of protein-bound uremic toxins and biomarkers of cardiovascular risk in chronic dialysis patients.

Oral iron for patients receiving dialysis: what is the evidence?

Micronucleus frequency in copper-mine workers exposed to arsenic is modulated by the AS3MT Met287Thr polymorphism.

Serum concentrations of p-cresyl sulfate and indoxyl sulfate, but not inflammatory markers, increase in incident peritoneal dialysis patients in parallel with loss of residual renal function.

p-cresyl sulphate has pro-inflammatory and cytotoxic actions on human proximal tubular epithelial cells.

Sodium meta-arsenite induces reactive oxygen species-dependent apoptosis, necrosis, and autophagy in both androgen-sensitive and androgen-insensitive prostate cancer cells.

[Medication use during the first trimester of pregnancy: drug safety and adoption of folic acid and ferrous sulphate].

Subchronic arsenic exposure through drinking water alters vascular redox homeostasis and affects physical health in rats.

Collateral sensitivity: ABCG2-overexpressing cells are more vulnerable to oxidative stress.

Accumulation of heme oxygenase-1 (HSP32) in *Xenopus laevis* A6 kidney epithelial cells treated with sodium arsenite, cadmium chloride or proteasomal inhibitors.

Effects of atrazine on the oxidative damage of kidney in Wister rats.

Human urinary biomarkers of dioxin exposure: analysis by metabolomics and biologically driven data dimensionality reduction.

4-Amino-2-chlorophenol: Comparative in vitro nephrotoxicity and mechanisms of bioactivation.

Intersection of AHR and Wnt signaling in development, health, and disease.

Urinary VEGF and PGE2 levels and the association with arsenical metabolites in copper-smelting workers.

^{11}C -ORM-13070, a novel PET ligand for brain α_1 -adrenoceptors: radiometabolism, plasma pharmacokinetics, whole-body distribution and radiation dosimetry in healthy men.

Can oral therapy reduce uremic toxins?

Effect of increasing dietary fiber on plasma levels of colon-derived solutes in hemodialysis patients.

Structure- and concentration-specific assessment of the physiological reactivity of α -dicarbonyl glucose degradation products in peritoneal dialysis fluids.

Histopathologic alterations associated with global gene expression due to chronic dietary TCDD exposure in juvenile zebrafish.

A case report of acute severe paraquat poisoning and long-term follow-up.

Synthesis, cytotoxicity, antimicrobial and anti-biofilm activities of novel pyrazolo[3,4-b]pyridine and pyrimidine functionalized 1,2,3-triazole derivatives.

Effects of uremic toxin p-cresol on proliferation, apoptosis, differentiation, and glucose uptake in 3T3-L1 cells.

Comparative oxidative stress, metallothionein induction and organ toxicity following chronic exposure to arsenic, lead and mercury in rats.

Guanosine regulates adenosine levels in the kidney.

Demographics, clinical characteristics and management of herbicide poisoning in tertiary care hospital.

Protective effect of quercetin on atrazine-induced oxidative stress in the liver, kidney, brain, and heart of adult wistar rats.

Glyphosate surfactant herbicide poisoning and management.

Biochemical, oxidative and histological changes caused by sub-acute oral exposure of some synthetic cyanogens in rats: ameliorative effect of α -ketoglutarate.

Fish oil rich in eicosapentaenoic acid protects against oxidative stress-related renal dysfunction induced by TCDD in Wistar rats.

Novel resveratrol-based substrates for human hepatic, renal, and intestinal UDP-glucuronosyltransferases.

Urinary concentrations of 2,4-dichlorophenol and 2,5-dichlorophenol in the U.S. population (National Health and Nutrition Examination Survey, 2003-2010): trends and predictors.

A novel MDCKII in vitro model for assessing ABCG2-drug interactions and regulation of ABCG2 transport activity in the caprine mammary gland by environmental pollutants and pesticides.

Treatment with a cannabinoid receptor 2 agonist decreases severity of established cystitis.

Cancer-promoting and Inhibiting Effects of Dietary Compounds: Role of the Aryl Hydrocarbon Receptor (AhR).

Human urinary excretion of non-persistent environmental chemicals: an overview of Danish data collected between 2006 and 2012.

[Effect of synchronous perfusion of NaN₃ in changes in content of cholinergic neurotransmitter in medial prefrontal cortex and hippocampal extra-cellular fluid].

Mechanism for the protective effect of diallyl disulfide against cyclophosphamide acute urotoxicity in rats.

Urinary metabolites of a polycyclic aromatic hydrocarbon and volatile organic compounds in relation to lung cancer development in lifelong never smokers in the Shanghai Cohort Study.

Urinary concentrations of trichlorophenols in the Korean adult population: results of the National Human Biomonitoring Survey 2009.

Republished study: long-term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize.

History of Chemistry in the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK).

Effects of short term exposure of atrazine on the liver and kidney of normal and diabetic rats.

Influence of zinc supplementation on histopathological changes in the stomach, liver, kidney, brain, pancreas and spleen during subchronic exposure of Wistar rats to glyphosate.

Ameliorative Effect of Tephrosia Purpurea in Arsenic-induced Nephrotoxicity in Rats.

[Clarification of molecular targets of dioxin toxicity].

Identification of arsenolipids and their degradation products in cod-liver oil.

¹H/¹³C-ICP-MS determinations of unexposed UK urinary arsenic speciation reference values.

Diuron metabolites and urothelial cytotoxicity: in vivo, in vitro and molecular approaches.

Predictors of acute respiratory distress syndrome in patients with paraquat intoxication.

[Cyanamide-ethanol reaction induced shock: report of a case and literature review].

An F1-extended one-generation reproductive toxicity study in Crl:CD(SD) rats with 2,4-dichlorophenoxyacetic acid.

High level of dioxin-TEQ in tissue is associated with Agent Orange exposure but not with biochemical recurrence after radical prostatectomy.

Accumulation, histopathological effects and response of biochemical markers in the spleens and head kidneys of common carp exposed to atrazine and chlorpyrifos.

Treatment of acute paraquat intoxication using recommended megadose of vitamin C: a reappraisal.

Dietary predictors of young children's exposure to current-use pesticides using urinary biomonitoring.

Cancer incidence in Korean Vietnam veterans during 1992-2003: the Korean veterans health study.

Vietnam veterans: getting old, getting sick--is this service related?

The reversal of paraquat-induced mitochondria-mediated apoptosis by cycloartenyl ferulate, the important role of Nrf2 pathway.

Renal biomarkers predict nephrotoxicity after paraquat.

Dose-response of diuron [3-(3,4-dichlorophenyl)-1,1-dimethylurea] in the urothelial mucosa of Wistar rats.

Evaluation of hydroxyatrazine in the endocrine disruptor screening and testing program's male and female pubertal protocols.

Effect of intravenous lipid emulsion in patients with acute glyphosate intoxication.

Comparisons of metabolic and physiological changes in rats following short term oral dosing with pesticides commonly found in food.

Short-term atrazine exposure causes behavioral deficits and disrupts monoaminergic systems in male C57BL/6 mice.

The relationship between Agent Orange and prostate specific antigen: a comparison of a hotspot and a non-sprayed area in Vietnam.

Quercetin exacerbates the effects of subacute treatment of atrazine on reproductive tissue antioxidant defence system, lipid peroxidation and sperm quality in rats.

Agent Orange as a risk factor for high-grade prostate cancer.

Effects of the herbicide atrazine in neotropical catfish (*Rhamdia quelen*).

The suppressor of cytokine signaling 2 (SOCS2) modulating the neurotransmitters release in *Eriocheir sinensis*.

In vitro toxicological characterization of two arsenosugars and their metabolites.

Cytotoxicity on human cells of Cry1Ab and Cry1Ac Bt insecticidal toxins alone or with a glyphosate-based herbicide.

Propanil-induced histopathological changes in the liver and kidney of mice.

[Effect of treatment with early blood purification combined with prednisone and cyclophosphamide for patients with acute paraquat poisoning].

Paraquat poisoning in pediatric patients.

Reduction of dimethylarsinic acid to the highly toxic dimethylarsinous acid by rats and rat liver cytosol.

Effect of dietary treatment with dimethylarsinous acid (DMA(III)) on the urinary bladder epithelium of arsenic (+3 oxidation state) methyltransferase (As3mt) knockout and C57BL/6 wild type female mice.

[The significance of urine N-acetyl-beta-D-glucosaminidase in kidney injury with patients acute paraquat poisoning].

Urologic cancer risks for veterans exposed to Agent Orange.

Renal replacement therapy in acute poisonings--one center experience.

The uremic toxin acrolein promotes suicidal erythrocyte death.

[Hypoxia-inducible factor-1 α expression in renal tissue of rats with paraquat poisoning].

Acute kidney injury following Paraquat poisoning in India.

Alterations in activity and mRNA expression of acetylcholinesterase in the liver, kidney and gill of common carp exposed to atrazine and chlorpyrifos.

Risk of total and aggressive prostate cancer and pesticide use in the Agricultural Health Study.

Involvement of interleukin-6-regulated nitric oxide synthase in hemorrhagic cystitis and impaired bladder contractions in young rats induced by acrolein, a urinary metabolite of cyclophosphamide.

Effects of atrazine and chlorpyrifos on the mRNA levels of HSP70 and HSC70 in the liver, brain, kidney and gill of common carp (*Cyprinus carpio* L.).

Oxidative stress in ventral prostate, ovary, and breast by 2,4-dichlorophenoxyacetic acid in pre- and postnatal exposed rats.

Arsenic metabolism efficiency has a causal role in arsenic toxicity: Mendelian randomization and gene-environment interaction.

Comparative study of the possible protective effects of cinnamic acid and cinnamaldehyde on cisplatin-induced nephrotoxicity in rats.

Cationic uremic toxins affect human renal proximal tubule cell functioning through interaction with the organic cation transporter.

Role of aldose reductase in the metabolism and detoxification of carnosine-acrolein conjugates.

Extracts from black carrot tissue culture as potent anticancer agents.

Arsenic exposure from drinking water, arsenic methylation capacity, and carotid intima-media thickness in Bangladesh.

Glyphosate and AMPA inhibit cancer cell growth through inhibiting intracellular glycine synthesis.

Activation of cannabinoid receptor 2 inhibits experimental cystitis.

Association of exposure to phenols and idiopathic male infertility.

Identification of aldo-keto reductases as NRF2-target marker genes in human cells.

Early growth response protein 1 upregulation and nuclear translocation by 2'-benzyloxycinnamaldehyde induces prostate cancer cell death.

Adenylate cyclase and the cyclic AMP receptor protein modulate stress resistance and virulence capacity of uropathogenic *Escherichia coli*.

Use of biometric, hematologic, and plasma biochemical variables, and histopathology to assess the chronic effects of the herbicide prometryn on Common Carp.

Biomonitoring short- and long-term exposure to the herbicide terbuthylazine in agriculture workers and in the general population using urine and hair specimens.

[Distribution of arsenic species and its DNA damage in subchronic arsenite-exposed mice].

Semi-automated solid phase extraction method for the mass spectrometric quantification of 12 specific metabolites of organophosphorus pesticides, synthetic pyrethroids, and select herbicides in human urine.

The relationships between pesticide metabolites and neurobehavioral test performance in the third National Health and Nutrition Examination Survey.

Redox-sensitive glycogen synthase kinase 3^β-directed control of mitochondrial permeability transition: rheostatic regulation of acute kidney injury.

Arsenic exposure affects plasma insulin-like growth factor 1 (IGF-1) in children in rural Bangladesh.

Does the adequacy parameter $Kt/V(\text{urea})$ reflect uremic toxin concentrations in hemodialysis patients?

Kidney hypoxia, attributable to increased oxygen consumption, induces nephropathy independently of hyperglycemia and oxidative stress.

Metabonomic study on the biochemical response of spontaneously hypertensive rats to chronic taurine supplementation using $(1)\text{H}$ NMR spectroscopic urinalysis.

Protein-bound uremic toxins: new targets to prevent insulin resistance and dysmetabolism in patients with chronic kidney disease.

Gastrointestinal-related uremic toxins in peritoneal dialysis: a pilot study with a 5-year follow-up.

Control of konzo by detoxification of cassava flour in three villages in the Democratic Republic of Congo.

A population-based case-control study of urinary arsenic species and squamous cell carcinoma in New Hampshire, USA.

Indolic uremic solutes increase tissue factor production in endothelial cells by the aryl hydrocarbon receptor pathway.

Impairment of autophagy: from hereditary disorder to drug intoxication.

Renal clearance and intestinal generation of p-cresyl sulfate and indoxyl sulfate in CKD.

The effect of partial outlet obstruction on calpain and phospholipase-2 activities: analyzed by severity and duration.

Parental phenols exposure and spontaneous abortion in Chinese population residing in the middle and lower reaches of the Yangtze River.

Numerous protein-bound solutes are cleared by the kidney with high efficiency.

Plasma p-cresol lowering effect of sevelamer in peritoneal dialysis patients: evidence from a Cross-Sectional Observational Study.

Aromatic hydrocarbon receptor inhibits lysophosphatidic acid-induced vascular endothelial growth factor-A expression in PC-3 prostate cancer cells.

Rethinking the composition of a rational antibiotic arsenal for the 21st century.

Renal metabolic profiling of early renal injury and renoprotective effects of *Poria cocos* epidermis using UPLC Q-TOF/HSMS/MSE.

A prospective study of arsenic exposure, arsenic methylation capacity, and risk of cardiovascular disease in Bangladesh.

Antioxidant and micronutrient-rich milk formula reduces lead poisoning and related oxidative damage in lead-exposed mice.

Skeletal muscle ryanodine receptor mutations associated with malignant hyperthermia showed enhanced intensity and sensitivity to triggering drugs when expressed in human embryonic kidney cells.

Retained organic solutes, patient characteristics and all-cause and cardiovascular mortality in hemodialysis: results from the retained organic solutes and clinical outcomes (ROSCO) investigators.

Does p-cresylglucuronide have the same impact on mortality as other protein-bound uremic toxins?

Effects of iron polymaltose complex, ferrous fumarate and ferrous sulfate treatments in anemic pregnant rats, their fetuses and placentas.

A phantom study on bladder and rectum dose measurements in brachytherapy of cervix cancer using FBX aqueous chemical dosimeter.

Severe anemia in 3 toddlers with gastric lactobezoar.

Nox4 as a potential therapeutic target for treatment of uremic toxicity associated to chronic kidney disease.

Removal of protein-bound, hydrophobic uremic toxins by a combined fractionated plasma separation and adsorption technique.

p-Cresyl sulfate causes renal tubular cell damage by inducing oxidative stress by activation of NADPH oxidase.

Albumin is the main plasma binding protein for indoxyl sulfate and p-cresyl sulfate.

An integrated plasma and urinary metabolomic study using UHPLC-MS: intervention effects of Epimedium koreanum on 'Kidney-Yang Deficiency syndrome' rats.

Inhibition of constitutive aryl hydrocarbon receptor (AhR) signaling attenuates androgen independent signaling and growth in (C4-2) prostate cancer cells.

Differences in urinary arsenic metabolites between diabetic and non-diabetic subjects in Bangladesh.

Cases from NACCT acute and intensive care symposium: altered mental status, seizures, and rash in a fumigation company employee.

Exhaled breath and fecal volatile organic biomarkers of chronic kidney disease.

Spontaneous renal tumors in two rats from a thirteen week rodent feeding study with grain from molecular stacked trait lepidopteran and coleopteran resistant (DP-4114-3) maize.

Of pills, plants, and paraquat: the relevance of poison centers in emergency medicine.

Evaluation of gene expression changes in human primary uroepithelial cells following 24-hr exposures to inorganic arsenic and its methylated metabolites.

Urinary p-cresol in autism spectrum disorder.

A novel UPLC-MS-MS method for simultaneous determination of seven uremic retention toxins with cardiovascular relevance in chronic kidney disease patients.

Intrarenal metabolomic investigation of chronic kidney disease and its TGF- β 1 mechanism in induced-adenine rats using UPLC Q-TOF/HSMS/MS(E).

An update on uremic toxins.

The effect of cigarette smoke and arsenic exposure on urothelial carcinoma risk is modified by glutathione S-transferase M1 gene null genotype.

[Molecular mechanisms for uremic toxin-induced oxidative tissue damage via a cardiovascular-renal connection].

Increased kidney metabolism as a pathway to kidney tissue hypoxia and damage: effects of triiodothyronine and dinitrophenol in normoglycemic rats.

Removal of protein-bound uraemic toxins by haemodialysis.

Successful treatment of severe iron intoxication with gastrointestinal decontamination, deferoxamine, and hemodialysis.

Interactions between urinary 4-tert-octylphenol levels and metabolism enzyme gene variants on idiopathic male infertility.

Clinical benefits of predilution on-line hemodiafiltration.

In vivo efficacy of ferrihydrite as an enterosorbent for arsenic: short-term evaluation in rodents.

p-Cresyl sulfate promotes insulin resistance associated with CKD.

Association between uremic toxins and depression in patients with chronic kidney disease undergoing maintenance hemodialysis.

Uremic toxins inhibit renal metabolic capacity through interference with glucuronidation and mitochondrial respiration.

p-Cresol sulfate and indoxyl sulfate induce similar cellular inflammatory gene expressions in cultured proximal renal tubular cells.

Associations among chronic kidney disease, high total p-cresylsulfate and major adverse cardiac events.

Modulation of aryl hydrocarbon receptor-regulated genes by acute administration of ammonium metavanadate in kidney, lung and heart of C57BL/6 mice.

Role of pigment epithelium-derived factor (PEDF) in arsenic-induced cell apoptosis of liver and brain in a rat model.

Investigation of ifosfamide nephrotoxicity induced in a liver-kidney co-culture biochip.

Androgen receptor CAG repeat length modifies the effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on receptor activity in human prostate cells.

[Classical oxazaphosphorines--metabolism and therapeutic properties--new implications].

Glyphosate, pathways to modern diseases II: Celiac sprue and gluten intolerance.

Effects of oral anorexiant sibutramine on the expression of cytochromes P450s in human hepatocytes and cancer cell lines.

Characterization of bladder sensory neurons in the context of myelination, receptors for pain modulators, and acute responses to bladder inflammation.

Imidazolium-based ionic liquid-type surfactant as pseudostationary phase in micellar electrokinetic chromatography of highly hydrophilic urinary nucleosides.

Differential influences of various arsenic compounds on antioxidant defense system in liver and kidney of rats.

Biomarkers of oral exposure to 3-nitro-1,2,4-triazol-5-one (NTO) and 2,4-dinitroanisole (DNAN) in blood and urine of rhesus macaques (*Macaca mulatta*).

Knockout of the aryl hydrocarbon receptor results in distinct hepatic and renal phenotypes in rats and mice.

Assessment of arsenic exposure by measurement of urinary speciated inorganic arsenic metabolites in workers in a semiconductor manufacturing plant.

Paraquat Exposure Up-regulates Cyclooxygenase-2 in the Lungs, Liver and Kidneys in Rats.

Prenatal exposure to environmental phenols: concentrations in amniotic fluid and variability in urinary concentrations during pregnancy.

Mixed matrix hollow fiber membranes for removal of protein-bound toxins from human plasma.

p-Cresyl sulfate induces osteoblast dysfunction through activating JNK and p38 MAPK pathways.

Urinary glycol ether metabolites in women and time to pregnancy: the PELAGIE cohort.

Gene expression and pathologic alterations in juvenile rainbow trout due to chronic dietary TCDD exposure.

Serum arylhydrocarbon receptor transactivating activity is elevated in type 2 diabetic patients with diabetic nephropathy.

Acute toxicity of some synthetic cyanogens in rats: time-dependent cyanide generation and cytochrome oxidase inhibition in soft tissues after sub-lethal oral intoxication.

Emerging causes of iron deficiency anemia refractory to oral iron supplementation.

Influence of GSTT1 Genetic Polymorphisms on Arsenic Metabolism.

Evaluating effects of penicillin treatment on the metabolome of rats.

Radiosynthesis and evaluation of new β -1-adrenoceptor antagonists as PET radioligands for brain imaging.

Biomarkers of toluene exposure in rats: mercapturic acids versus traditional indicators (urinary hippuric acid and o-cresol and blood toluene).

Microbial-mammalian cometabolites dominate the age-associated urinary metabolic phenotype in Taiwanese and American populations.

Polychlorodibenzodioxin and -furan and dioxin-like polychlorobiphenyl distribution in tissues and dairy products of dairy buffaloes.

Validation of estimates of past exposure to arsenic in drinking water using historical urinary arsenic concentrations.

Oxidative DNA damage after acute exposure to arsenite and monomethylarsonous acid in biomethylation-deficient human cells.

Cyp1a reporter zebrafish reveals target tissues for dioxin.

Urinary Arsenic Concentrations and their Associated Factors in Korean Adults.

Oxidative stress and MAPK involved into ATF2 expression in immortalized human urothelial cells treated by arsenic.

Dietary carnosine prevents early atherosclerotic lesion formation in apolipoprotein E-null mice.

Protective effect of conjugated linolenic acid isomers present in vegetable oils against arsenite-induced renal toxicity in rat model.

Consumption of deep-fried foods and risk of prostate cancer.

Switchable skin window induced by optical clearing method for dermal blood flow imaging.

TCDD inhibition of canonical Wnt signaling disrupts prostatic bud formation in mouse urogenital sinus.

p-cresol induces disruption of cardiomyocyte adherens junctions.

Metabolism of profenofos to 4-bromo-2-chlorophenol, a specific and sensitive exposure biomarker.

Determination of urinary 6-mercaptopurine and three of its metabolites by HPLC-UV coupled with the iodine-azide reaction.

Global metabolomics and targeted steroid profiling reveal that rifampin, a strong human PXR activator, alters endogenous urinary steroid markers.

Effect of ulinastatin on paraquat-induced-oxidative stress in human type II alveolar epithelial cells.

Suppression of advanced glycation and lipoxidation end products by angiotensin II type-1 receptor blocker candesartan in type 2 diabetic patients with essential hypertension.

Cytotoxic effects of p-cresol in renal epithelial tubular cells.

Ameliorative Effects of Acacia Honey against Sodium Arsenite-Induced Oxidative Stress in Some Viscera of Male Wistar Albino Rats.

Correlation between Serum Levels of Protein-Bound Uremic Toxins in Hemodialysis Patients Measured by LC/MS/MS.

Polyamines and their metabolites as diagnostic markers of human diseases.

Bisphenol a in chronic kidney disease.

Cancer incidence in pulmonary vasculitis.

Neonatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin increases the mRNA expression of prostatic proteins in C57BL mice.

Diuron-induced rat bladder epithelial cytotoxicity.

The changes of calretinin immunoreactivity in paraquat-induced nephrotoxic rats.

[Clinical studies of dynamic changes on the renal injury indicators of acute paraquat poisoning].

[Effects of human umbilical cord mesenchymal stem cells in the treatment of paraquat-induced lung injury].

Effects of sub-lethal exposure of rats to the herbicide glyphosate in drinking water: glutathione transferase enzyme activities, levels of reduced glutathione and lipid peroxidation in liver, kidneys and small intestine.

Long term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize.

Haematology and blood chemistry changes in mice treated with terbuthylazine and its formulation Radazin TZ-50.

Biochemical and histological evaluation of kidney damage after sub-acute exposure to 2,4-dichlorophenoxyacetic herbicide in rats: involvement of oxidative stress.

Rice consumption and urinary arsenic concentrations in U.S. children.

Central nervous system damage due to acute paraquat poisoning: a neuroimaging study with 3.0 T MRI.

Review of 2,4-dichlorophenoxyacetic acid (2,4-D) biomonitoring and epidemiology.

Overexpression of stanniocalcin-1 inhibits reactive oxygen species and renal ischemia/reperfusion injury in mice.

[Early continuous dialysis in acute glyphosate-surfactant poisoning].

[Influence factors for prognosis in patients with acute oral poisoning with paraquat].

The time between paraquat ingestion and a negative dithionite urine test in an independent risk factor for death and organ failure in acute paraquat intoxication.

Pathological and toxicological findings in glyphosate-surfactant herbicide fatality: a case report.

Pentachlorophenol decreases tumor-cell-binding capacity and cell-surface protein expression of human natural killer cells.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.

siRNA-mediated knock-down of NOX3: therapy for hearing loss?

Histopathological changes and antioxidant response in brain and kidney of common carp exposed to atrazine and chlorpyrifos.

Efficacy of vitamin C against liver and kidney damage induced by paraquat toxicity.

Methyl bromide exposure and cancer risk in the Agricultural Health Study.

Exposure to the pesticide linuron affects androgen-dependent gene expression in the three-spined stickleback (*Gasterosteus aculeatus*).

Hormones and endocrine-disrupting chemicals: low-dose effects and nonmonotonic dose responses.

[Paraquat poisoning. Case report and overview].

Renal, hepatic, pulmonary and adrenal tumors induced by prenatal inorganic arsenic followed by dimethylarsinic acid in adulthood in CD1 mice.

[Presentation of a case of Paraquat poisoning].

Effects of short-term sodium chlorate exposure on pigs.

Effects of atrazine and chlorpyrifos on activity and transcription of glutathione S-transferase in common carp (*Cyprinus carpio* L.).

[Effects of hemoperfusion on oxidative stress, matrix metalloproteinases and their inhibitors in acute paraquat poisoning rabbits].

Effects of long-term exposure to simazine in real concentrations on common carp (*Cyprinus carpio* L.).

Plasma dioxin levels and cause-specific mortality in an occupational cohort of workers exposed to chlorophenoxy herbicides, chlorophenols and contaminants.

The effects of subchronic exposure to terbuthylazine on zebrafish.

Effects of low-concentrations of simazine on early life stages of common carp (*Cyprinus carpio* L.).

Intrastriatal pre-treatment with L-NAME protects rats from diquat neurotoxicity.

Sequential organ failure assessment score can predict mortality in patients with paraquat intoxication.

Effects of subchronic exposure to atrazine on zebrafish (*Danio rerio*).

The effects of subchronic exposure to metribuzin on *Danio rerio*.

Effect of chronic pesticide exposure in farm workers of a Mexico community.

Acute renal failure following penoxsulam poisoning.

Methylation capacity of arsenic and skin lesions in smelter plant workers.

Inverse correlation between stroke and urinary 3-hydroxypropyl mercapturic acid, an acrolein-glutathione metabolite.

Quantification of paraquat in postmortem samples by gas chromatography-ion trap mass spectrometry and review of the literature.

The relationship between obesity, insulin and arsenic methylation capability in Taiwan adolescents.

Endogenous hydrogen peroxide in the hypothalamic paraventricular nucleus regulates sympathetic nerve activity responses to L-glutamate.

Inhibitory effects of phosphodiesterase 5 inhibitor, tadalafil, on mechanosensitive bladder afferent nerve activities of the rat, and on acrolein-induced hyperactivity of these nerves.

Urinary metabolites as biomarkers of human exposure to atrazine: atrazine mercapturate in agricultural workers.

Binational arsenic exposure survey: methodology and estimated arsenic intake from drinking water and urinary arsenic concentrations.

Triazine residues in raw milk and infant formulas from Spanish northwest, by a diphasic dialysis extraction.

Increased expression of SVCT2 in a new mouse model raises ascorbic acid in tissues and protects against paraquat-induced oxidative damage in lung.

Determination of tissue to blood partition coefficients for nonvolatile herbicides, insecticides, and fungicides using negligible depletion solid-phase microextraction (nd-SPME) and ultrafiltration.

Modulation of the metabolism of airborne pollutants by glucoraphanin-rich and sulforaphane-rich broccoli sprout beverages in Qidong, China.

Effects of a wheat bran extract containing arabinoxylan oligosaccharides on gastrointestinal health parameters in healthy adult human volunteers: a double-blind, randomised, placebo-controlled, cross-over trial.

Arsenic urinary speciation in Mthfr deficient mice injected with sodium arsenate.

Influence of serum in hemodialysis patients on the expression of intestinal and hepatic transporters for the excretion of pravastatin.

Silibinin ameliorates arsenic induced nephrotoxicity by abrogation of oxidative stress, inflammation and apoptosis in rats.

Characterization of ecto-ATPase activity in the surface of LLC-PK1 cells and its modulation by ischemic conditions.

Environmental arsenic exposure and DNA methylation of the tumor suppressor gene p16 and the DNA repair gene MLH1: effect of arsenic metabolism and genotype.

The role of protein-bound uremic toxins on peripheral artery disease and vascular access failure in patients on hemodialysis.

A randomized controlled trial of oral heme iron polypeptide versus oral iron supplementation for the treatment of anaemia in peritoneal dialysis patients: HEMATOCRIT trial.

Ameliorating effects of quercetin and chrysin on 2,3,7,8-tetrachlorodibenzo- p-dioxin-induced nephrotoxicity in rats.

Necrosis and apoptosis of renal tubular epithelial cells in rats exposed to 3-methyl-4-nitrophenol.

Bath salt intoxication causing acute kidney injury requiring hemodialysis.

Quantification of p-cresol sulphate in human plasma by selected reaction monitoring.

Suicidal sodium azide intoxication: An analytical challenge based on a rare case.

Mild uncoupling of respiration and phosphorylation as a mechanism providing nephro- and neuroprotective effects of penetrating cations of the SkQ family.

Environmental factors affecting the urinary excretion of inorganic arsenic in the general population.

Cancer incidence in a chlorochemical plant in Isère, France: an occupational cohort study, 1979-2002.

Cellular distribution of cell cycle-related molecules in the renal tubules of rats treated with renal carcinogens for 28 days: relationship between cell cycle aberration and carcinogenesis.

High correlation between clearance of renal protein-bound uremic toxins (indoxyl sulfate and p-cresyl sulfate) and renal water-soluble toxins in peritoneal dialysis patients.

Urinary total arsenic and 8-hydroxydeoxyguanosine are associated with renal cell carcinoma in an area without obvious arsenic exposure.

In vivo regulation of the heme oxygenase-1 gene in humanized transgenic mice.

Trichosanthes dioica fruit ameliorates experimentally induced arsenic toxicity in male albino rats through the alleviation of oxidative stress.

Curcumin encapsulated in chitosan nanoparticles: a novel strategy for the treatment of arsenic toxicity.

Interaction between two sulfate-conjugated uremic toxins, p-cresyl sulfate and indoxyl sulfate, during binding with human serum albumin.

Arsenic methylation, GSTO1 polymorphisms, and metabolic syndrome in an arseniasis endemic area of southwestern Taiwan.

RP-HPLC-UV method coupled with post-column iodine-azide reaction for determination of free captopril in urine samples.

Quantitative imaging of arsenic and its species in goat following long term oral exposure.

Combination of Rad001 (everolimus) and propachlor synergistically induces apoptosis through enhanced autophagy in prostate cancer cells.

Critical role of microsomal prostaglandin E synthase-1 in the hydronephrosis caused by lactational exposure to dioxin in mice.

The impact of ferritin fluctuations on stable hemoglobin levels in hemodialysis patients.

Novel method for simultaneous determination of p-cresylsulphate and p-cresylglucuronide: clinical data and pathophysiological implications.

Inorganic arsenic and basal cell carcinoma in areas of Hungary, Romania, and Slovakia: a case-control study.

Ameliorative effect *Trichosanthes dioica* root against experimentally induced arsenic toxicity in male albino rats.

Uremic solutes from colon microbes.

A randomized controlled trial of intravenous or oral iron for posttransplant anemia in kidney transplantation.

A phytochemical approach to experimental metabolic syndrome-associated renal damage and oxidative stress.

Serum total p-cresol and indoxyl sulfate correlated with stage of chronic kidney disease in renal transplant recipients.

Suppression of Klotho expression by protein-bound uremic toxins is associated with increased DNA methyltransferase expression and DNA hypermethylation.

Selectively increasing the clearance of protein-bound uremic solutes.

A metabonomic study of biochemical changes characteristic of genetically hypertensive rats based on ¹H NMR spectroscopic urinalysis.

[The pharmacological treatment of obesity: past, present and future].

[Metabonomic study on protective effect of ethanol extracts of *drynariae rhizoma* on osteoporosis in rats urine by using UPLC-MS/MS].

Medication prescribing patterns among chronic kidney disease patients in a hospital in Malaysia.

Polychlorinated biphenyl congeners that increase the glucuronidation and biliary excretion of thyroxine are distinct from the congeners that enhance the serum disappearance of thyroxine.

Serum free p-cresyl sulfate levels predict cardiovascular and all-cause mortality in elderly hemodialysis patients--a prospective cohort study.

Distinct urinary metabolic profile of human colorectal cancer.

Solid phase microextraction, mass spectrometry and metabolomic approaches for detection of potential urinary cancer biomarkers--a powerful strategy for breast cancer diagnosis.

Prostate cancer and toxicity from critical use exemptions of methyl bromide: environmental protection helps protect against human health risks.

[Suicidal intoxication with sodium azide--a case report].

Uremia suppresses immune signal-induced CYP27B1 expression in human monocytes.

Dioxin (TCDD) induces epigenetic transgenerational inheritance of adult onset disease and sperm epimutations.

Global DNA methylation not increased in chronic hemodialysis patients: a case-control study.

Free p-cresol sulfate is associated with survival and function of vascular access in chronic hemodialysis patients.

Oxidative stress-induced glomerular mineralocorticoid receptor activation limits the benefit of salt reduction in Dahl salt-sensitive rats.

Coupled nitric oxide and autonomic receptor functional responses in the normal and inflamed urinary bladder of the rat.

[Exploring the mechanism of rhizoma coptidis in treating type II diabetes mellitus based on metabolomics by gas chromatography-mass spectrometry].

Uremic toxins induce kidney fibrosis by activating intrarenal renin-angiotensin-aldosterone system associated epithelial-to-mesenchymal transition.

Genome-wide association study identifies chromosome 10q24.32 variants associated with arsenic metabolism and toxicity phenotypes in Bangladesh.

The removal of protein-bound solutes by dialysis.

An update on protein-bound uremic retention solutes.

an Obituary for GFR as the main marker for kidney function?

Indigenous American ancestry is associated with arsenic methylation efficiency in an admixed population of northwest Mexico.

P-cresol, but not p-cresylsulphate, disrupts endothelial progenitor cell function in vitro.

Arsenic exposure through drinking water is associated with longer telomeres in peripheral blood.

Simultaneous analysis of 28 urinary VOC metabolites using ultra high performance liquid chromatography coupled with electrospray ionization tandem mass spectrometry (UPLC-ESI/MSMS).

Application of semi-permeable membrane dialysis/ion trap mass spectrometry technique to determine polybrominated diphenyl ethers and polychlorinated biphenyls in milk fat.

Urinary biomarkers of oxidative status.

Aryl hydrocarbon receptor-dependence of dioxin's effects on constitutive mouse hepatic cytochromes P450 and growth hormone signaling components.

Bladder urotoxicity pathophysiology induced by the oxazaphosphorine alkylating agents and its chemoprevention.

Protective Effect of Psidium guajava in Arsenic-induced Oxidative Stress and Cytological Damage in Rats.

Urinary arsenic levels in the French adult population: the French National Nutrition and Health Study, 2006-2007.

TGF- β 1 signaling plays a dominant role in the crosstalk between TGF- β 1 and the aryl hydrocarbon receptor ligand in prostate epithelial cells.

Effect of mercury on aryl hydrocarbon receptor-regulated genes in the extrahepatic tissues of C57BL/6 mice.

Acute and subacute oral toxicity of polychlorinated diphenyl sulfides in mice: determining LD50 and assessing the status of hepatic oxidative stress.

Pregnancy and the methyltransferase genotype independently influence the arsenic methylation phenotype.

Differential modulation of aryl hydrocarbon receptor regulated enzymes by arsenite in the kidney, lung, and heart of C57BL/6 mice.

Multi-trace element levels and arsenic speciation in urine of e-waste recycling workers from Agbogbloshie, Accra in Ghana.

GSTO and AS3MT genetic polymorphisms and differences in urinary arsenic concentrations among residents in Bangladesh.

Effects of oxidative stress caused by tert-butylhydroquinone on cytotoxicity in MDCK cells.

New analytical method for sensitive quantification of urinary 3-methyl-4-nitrophenol to assess fenitrothion exposure in general population and occupational sprayers.

Urinary levels of volatile organic carcinogen and toxicant biomarkers in relation to lung cancer development in smokers.

Impact of short-term intake of red wine and grape polyphenol extract on the human metabolome.

Response of urinary biomarkers of systemic oxidation to oral iron supplementation in healthy men.

Acute inhalation study of allyl alcohol for derivation of acute exposure guideline levels.

Environmental exposures and prostate cancer.

Consumption of breads containing in situ-produced arabinoxylan oligosaccharides alters gastrointestinal effects in healthy volunteers.

The influence of diet on intra and inter-individual variability of urinary excretion of arsenic species in Italian healthy individuals.

Sodium arsenite and cadmium chloride induction of proteasomal inhibition and HSP accumulation in *Xenopus laevis* A6 kidney epithelial cells.

Prospective experimental studies on the renal protective effect of ulinastatin after paraquat poisoning.

Modulation of protein fermentation does not affect fecal water toxicity: a randomized cross-over study in healthy subjects.

Aberrant activation of ubiquitin D at G2 phase and apoptosis by carcinogens that evoke cell proliferation after 28-day administration in rats.

Individual variations in arsenic metabolism in Vietnamese: the association with arsenic exposure and GSTP1 genetic polymorphism.

Urinary biomarkers of exposure to glycol ethers and chlorinated solvents during pregnancy: determinants of exposure and comparison with indirect methods of exposure assessment.

Deficiency of multidrug and toxin extrusion 1 enhances renal accumulation of paraquat and deteriorates kidney injury in mice.

Surfactant volume is an essential element in human toxicity in acute glyphosate herbicide intoxication.

The enhancing effect of the antioxidant N-acetylcysteine on urinary bladder injury induced by dimethylarsinic acid.

2,4-Dichlorophenoxyacetic acid effects on nephrotoxicity in rats during late pregnancy and early postnatal periods.

Medical management of paraquat ingestion.

[Effects of hemoperfusion on plasma concentration and histopathological changes in paraquat poisoning rabbits].

[Paraquat (PQ) clearance through continuous plasma perfusion in PQ poisoning patients: a clinical study].

Protective effect of Ginkgo biloba L. leaf extract against glyphosate toxicity in Swiss albino mice.

The effects of paraquat on regional brain neurotransmitter activity, hippocampal BDNF and behavioural function in female mice.

Cancer incidence of 2,4-D production workers.

Toxicology and risk assessment of acrolein in food.

Acrolein induced DNA damage, mutagenicity and effect on DNA repair.

Exposure to arsenic in drinking water is associated with increased prevalence of diabetes: a cross-sectional study in the Zimapán and Lagunera regions in Mexico.

[Urinary neutrophil gelatinase-associated lipocalin (uNGAL) and early diagnosis of paraquat poisoning patients with acute kidney injury].

Protective effects of chitosan oligosaccharide on paraquat-induced nephrotoxicity in rats.

Transcriptional profile of diuron-induced toxicity on the urinary bladder of male Wistar rats to inform mode of action.

Investigation into modification of mass transfer kinetics by acrolein in a renal biochip.

The efficacy of high doses of vitamin C in patients with paraquat poisoning.

Mitochondria are the main target organelle for trivalent monomethylarsonous acid (MMA(III))-induced cytotoxicity.

Metabolites of arsenic and increased DNA damage of p53 gene in arsenic plant workers.

Effects of atrazine and chlorpyrifos on the mRNA levels of IL-1 and IFN- γ 2b in immune organs of common carp.

Association between arsenic exposure and behavior among first-graders from Torreón, Mexico.

Urinary biomarkers of prenatal atrazine exposure and adverse birth outcomes in the PELAGIE birth cohort.

Impact of pesticide exposure misclassification on estimates of relative risks in the Agricultural Health Study.

Good outcomes despite high urinary arsenic concentrations from overdose with crabgrass killer.

Serum uric acid level as a marker for mortality and acute kidney injury in patients with acute paraquat intoxication.

Histopathological changes in gill, liver and kidney of neotropical fish *Colossoma macropomum* exposed to paraquat at different temperatures.

Diuron exposure induces systemic and organ-specific toxicity following acute and sub-chronic exposure in male Wistar rats.

Changes in the concentrations of creatinine, cystatin C and NGAL in patients with acute paraquat self-poisoning.

A review of epidemiologic studies of triazine herbicides and cancer.

Identification and dissection of the Nrf2 mediated oxidative stress pathway in human renal proximal tubule toxicity.

Toxicokinetics, including saturable protein binding, of 4-chloro-2-methyl phenoxyacetic acid (MCPA) in patients with acute poisoning.

[Clinical study of dynamic change of inflammatory factors in serum of acute paraquat rats].

[Study on the prognosis of patients with acute paraquat intoxication].

[Prolonged convulsion after intoxication of alachlor herbicide (Lasso): a case report].

A physiologically based pharmacokinetic model for atrazine and its main metabolites in the adult male C57BL/6 mouse.

Chronic progressive nephropathy in male F344 rats in 90-day toxicity studies: its occurrence and association with renal tubule tumors in subsequent 2-year bioassays.

Effects of nitric oxide on the primary bladder afferent activities of the rat with and without intravesical acrolein treatment.

Prostate cancer risk and exposure to pesticides in British Columbia farmers.

The effects of Click 500 SC (terbutylazine) on common carp *Cyprinus carpio* under (sub)chronic conditions.

Effects of subchronic exposure to simazine on zebrafish (*Danio rerio*).

Early exposure to paraquat sensitizes dopaminergic neurons to subsequent silencing of PINK1 gene expression in mice.

Hyperammonemia following glufosinate-containing herbicide poisoning: a potential marker of severe neurotoxicity.

Suicide victim of paraquat poisoning make suitable corneal donor.

Paraquat neurotoxicity is mediated by the dopamine transporter and organic cation transporter-3.

Endogenous hydrogen peroxide in paraventricular nucleus mediates sympathetic activation and enhanced cardiac sympathetic afferent reflex in renovascular hypertensive rats.

Protein conjugated with aldehydes derived from lipid peroxidation as an independent parameter of the carbonyl stress in the kidney damage.

Therapeutic potential of Nrf2 activators in streptozotocin-induced diabetic nephropathy.

Nrf2 activators as attractive therapeutics for diabetic nephropathy.

Expressions of lipid oxidation markers, N(μ)-hexanoyl lysine and acrolein in cisplatin-induced nephrotoxicity in rats.

Aldehyde reductase (AKR1B3) regulates the accumulation of advanced glycosylation end products (AGEs) and the expression of AGE receptor (RAGE).

TRPA1 receptor modulation attenuates bladder overactivity induced by spinal cord injury.

Isopentenyl pyrophosphate is a novel antinociceptive substance that inhibits TRPV3 and TRPA1 ion channels.

A pathway-based analysis of urinary arsenic metabolites and skin lesions.

Trans-cinnamaldehyde decreases attachment and invasion of uropathogenic *Escherichia coli* in urinary tract epithelial cells by modulating virulence gene expression.

Arsenic methylation capacity and its correlation with skin lesions induced by contaminated drinking water consumption in residents of chronic arsenicosis area.

Poly(ADP-ribose) polymerase-1 protects from oxidative stress induced endothelial dysfunction.

[Determination of linuron and its metabolite 3,4-dichloroaniline residues in meat and meat products using liquid chromatography-tandem mass spectrometry].

Soluble epoxide hydrolase contamination of specific catalase preparations inhibits epoxyeicosatrienoic acid vasodilation of rat renal arterioles.

Urinary arsenic speciation profiles in mice subchronically exposed to low concentrations of sodium arsenate in drinking water.

Determination of alachlor and its metabolite 2,6-diethylaniline in microbial culture medium using online microdialysis enriched-sampling coupled to high-performance liquid chromatography.

Stereoselective metabolism of the herbicide fluroxypyr methylheptyl ester in rabbits.

Redox cycling and increased oxygen utilization contribute to diquat-induced oxidative stress and cytotoxicity in Chinese hamster ovary cells overexpressing NADPH-cytochrome P450 reductase.

The impact of a rice based diet on urinary arsenic.

Arsenic methylation efficiency increases during the first trimester of pregnancy independent of folate status.

The polymorphisms of P53 codon 72 and MDM2 SNP309 and renal cell carcinoma risk in a low arsenic exposure area.

Mutated p.4894 RyR1 function related to malignant hyperthermia and congenital neuromuscular disease with uniform type 1 fiber (CNMDU1).

Protective effects of N-acetylcysteine against arsenic-induced oxidative stress and reprotoxicity in male mice.

Molecular changes during arsenic-induced cell transformation.

A chemically induced vaccine strategy for prostate cancer.

Polymorphism of the aryl-hydrocarbon receptor gene in intron 10 of human cancers.

Potential protective mechanisms of aryl hydrocarbon receptor (AHR) signaling in benign prostatic hyperplasia.

Gene expression changes in human prostate carcinoma cells exposed to genotoxic and nongenotoxic aryl hydrocarbon receptor ligands.

Role of dialysis technology in the removal of uremic toxins.

Molecular targets that link dioxin exposure to toxicity phenotypes.

Inhibition of fatty acid amide hydrolase suppresses referred hyperalgesia induced by bladder inflammation.

Comparative toxicity of arsenic metabolites in human bladder cancer EJ-1 cells.

Hydrogen peroxide stimulates the epithelial sodium channel through a phosphatidylinositide 3-kinase-dependent pathway.

Synthesis and evaluation of novel carbon-11 labeled oxopurine analogues for positron emission tomography imaging of translocator protein (18 kDa) in peripheral organs.

A competitive co-cultivation assay for cancer drug specificity evaluation.

Colonic contribution to uremic solutes.

Metabolomics analysis reveals elevation of 3-indoxyl sulfate in plasma and brain during chemically-induced acute kidney injury in mice: investigation of nicotinic acid receptor agonists.

Determination of uremic solutes in biological fluids of chronic kidney disease patients by HPLC assay.

Identification of differentially expressed genes in the livers of chronically i-As-treated hamsters.

Urinary trichlorophenol levels and increased risk of attention deficit hyperactivity disorder among US school-aged children.

Fulminant hepatic failure in woman with iron and non-steroidal anti-inflammatory drug intoxication.

Protein-bound uremic toxins: new insight from clinical studies.

De novo once-monthly darbepoetin alpha treatment for the anemia of chronic kidney disease using a computerized algorithmic approach.

The effect of the uremic toxin cyanate (CNO²⁻) on anaerobic cysteine metabolism and oxidative processes in the rat liver: a protective effect of lipoate.

Effect of urinary total arsenic level and estimated glomerular filtration rate on the risk of renal cell carcinoma in a low arsenic exposure area.

Prostate cancer and ambient pesticide exposure in agriculturally intensive areas in California.

Reproductive toxicity parameters and biological monitoring in occupationally and environmentally boron-exposed persons in Bandirma, Turkey.

In vitro and in vivo evaluation of chemically modified degradable starch microspheres for topical haemostasis.

Vascular incompetence in dialysis patients--protein-bound uremic toxins and endothelial dysfunction.

Clearance of p-cresol sulfate and β_2 -microglobulin from dialysate by commercially available sorbent technology.

[Non dietetic environmental risk factors in prostate cancer].

Urinary p-cresol is elevated in small children with severe autism spectrum disorder.

Association between body mass index and arsenic methylation efficiency in adult women from southwest U.S. and northwest Mexico.

Epidemiological approaches in the investigation of environmental causes of cancer: the case of dioxins and water disinfection by-products.

Uremic toxins inhibit transport by breast cancer resistance protein and multidrug resistance protein 4 at clinically relevant concentrations.

Uremic toxins and oral adsorbents.

Molecular and functional characterization of aryl hydrocarbon receptor nuclear translocator 1 (ARNT1) and ARNT2 in chicken (*Gallus gallus*).

Prenatal TCDD in mice increases adult autoimmunity.

The gut-kidney axis: indoxyl sulfate, p-cresyl sulfate and CKD progression.

Arsenic: toxicity, oxidative stress and human disease.

Prenatal developmental toxicity of polychlorinated naphthalenes (PCNs) in the rat.

Effects of synbiotic treatment on serum level of p-cresol in haemodialysis patients: a preliminary study.

p-Cresyl sulphate and indoxyl sulphate predict progression of chronic kidney disease.

Appearance of konzo in South-Kivu, a wartorn area in the Democratic Republic of Congo.

A case report of concomitant paroxysmal nocturnal hemoglobinuria and heterozygous \hat{I}^2 -thalassemia.

Acute tubular necrosis due to cutaneous contact with cresol.

Protective effects of plasma alpha-tocopherols on the risk of inorganic arsenic-related urothelial carcinoma.

Prenatal TCDD causes persistent modulation of the postnatal immune response, and exacerbates inflammatory disease, in 36-week-old lupus-like autoimmune SNF1 mice.

Inhibitory effects of ethacrynic acid analogues lacking the \hat{I}^{\pm}, \hat{I}^2 -unsaturated carbonyl unit and para-acylated phenols on human cancer cells.

Contribution of residual function to removal of protein-bound solutes in hemodialysis.

The association between urinary concentrations of dichlorophenol pesticides and obesity in children.

Does uremia cause vascular dysfunction?

p-Cresylsulfate and indoxyl sulfate level at different stages of chronic kidney disease.

Metabolomic study of a rat fever model induced with 2,4-dinitrophenol and the therapeutic effects of a crude drug derived from *Coptis chinensis*.

Acute arsine poisoning confirmed by speciation analysis of arsenic compounds in the plasma and urine by HPLC-ICP-MS.

Gene polymorphisms of glutathione S-transferase omega 1 and 2, urinary arsenic methylation profile and urothelial carcinoma.

Carcinogenic effects of "whole-life" exposure to inorganic arsenic in CD1 mice.

Cardioprotection induced by Na(+)/K(+)-ATPase activation involves extracellular signal-regulated kinase 1/2 and phosphoinositide 3-kinase/Akt pathway.

2,3,7,8-tetrachlorodibenzo-p-dioxin induced autophagy in a bovine kidney cell line.

Effect of dietary nitrogen content on the urine metabolite profile of dairy cows assessed by nuclear magnetic resonance (NMR)-based metabolomics.

The constitutively active Ah receptor (CA-AhR) mouse as a model for dioxin exposure - effects in reproductive organs.

Rat H9c2 cardiac myocytes are sensitive to arsenite due to a modest activation of transcription factor Nrf2.

Vanin-1: a potential biomarker for nephrotoxicant-induced renal injury.

Dose-dependent urinary phenotype of inorganic arsenic methylation in mice with a focus on trivalent methylated metabolites.

Stereoselective metabolism of fenoxaprop-ethyl and its chiral metabolite fenoxaprop in rabbits.

An inter-laboratory comparison of urinary 3-hydroxypropylmercapturic acid measurement demonstrates good reproducibility between laboratories.

Identification of urinary sex pheromones in female buffaloes and their influence on bull reproductive behaviour.

The effect of uremic toxin cyanate (OCN²⁻) on anaerobic sulfur metabolism and prooxidative processes in the rat kidney: a protective role of lipoate.

On the antioxidant properties of kynurenic acid: free radical scavenging activity and inhibition of oxidative stress.

A metabolic system-wide characterisation of the pig: a model for human physiology.

Effect of the traditional Chinese medicine tongxinluo on endothelial dysfunction rats studied by using urinary metabolomics based on liquid chromatography-mass spectrometry.

Severe cyclophosphamide-induced haemorrhagic cystitis treated with hyperbaric oxygen.

Epigenetic control of embryonic renal cell differentiation by L1 retrotransposon.

Organic anion transporters play an important role in the uptake of p-cresyl sulfate, a uremic toxin, in the kidney.

Herbal bioactivation, molecular targets and the toxicity relevance.

Exposure to polycyclic aromatic hydrocarbons, arsenic and environmental tobacco smoke, nutrient intake, and oxidative stress in Japanese preschool children.

Interactions of human organic anion transporter 1 (hOAT1) with substances associated with forensic toxicology.

Reduced cytochrome P4501A activity and recovery from oxidative stress during subchronic benzo[a]pyrene and benzo[e]pyrene treatment of rainbow trout.

Urinary concentrations of phthalates and phenols in a population of Spanish pregnant women and children.

Sodium arsenite and hyperthermia modulate cisplatin-DNA damage responses and enhance platinum accumulation in murine metastatic ovarian cancer xenograft after hyperthermic intraperitoneal chemotherapy (HIPEC).

Urinary arsenic metabolites of subjects exposed to elevated arsenic present in coal in Shaanxi Province, China.

Protective role of selenium against over-expression of cancer-related apoptotic genes induced by o-cresol in rats.

Mercapturic acids as metabolites of alkylating substances in urine samples of German inhabitants.

GLT-1 overexpression attenuates bladder nociception and local/cross-organ sensitization of bladder nociception.

Effect of sodium arsenite dose administered in the drinking water on the urinary bladder epithelium of female arsenic (+3 oxidation state) methyltransferase knockout mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin impairs iron homeostasis by modulating iron-related proteins expression and increasing the labile iron pool in mammalian cells.

Tissue-specific and dose-related accumulation of arsenic in mouse offspring following maternal consumption of arsenic-contaminated water.

Stability of tissue PO₂ in the face of altered perfusion: a phenomenon specific to the renal cortex and independent of resting renal oxygen consumption.

Cyclooxygenase-2 contributes to functional changes seen on experimental hemorrhagic cystitis induced by ifosfamide in rat urinary bladder.

Realgar and realgar-containing Liu-Shen-Wan are less acutely toxic than arsenite and arsenate.

Comparative study of human and mouse pregnane X receptor agonistic activity in 200 pesticides using in vitro reporter gene assays.

Effects of spermidine and p-cresol on polymorphonuclear cell apoptosis and function.

Polymorphisms in arsenic(+III oxidation state) methyltransferase (AS3MT) predict gene expression of AS3MT as well as arsenic metabolism.

Realgar- and cinnabar-containing an-gong-niu-huang wan (AGNH) is much less acutely toxic than sodium arsenite and mercuric chloride.

Serum paraquat concentration detected by spectrophotometry in patients with paraquat poisoning.

Polychlorinated dibenzo-p-dioxins and dibenzofurans in different tissues of the cormorants (*Phalacrocorax carbo*) from Dongting Lake, China.

Reduction in protein-bound solutes unacceptable as marker of dialysis efficacy during alternate-night nocturnal hemodialysis.

Evaluation of oxidative stress status in children with pervasive developmental disorder and attention deficit hyperactivity disorder using urinary-specific biomarkers.

Evaluation of Iron-induced Oxidative Stress and its Amelioration by Certain Herbs in Broilers.

Metabolic response to low-level toxicant exposure in a novel renal tubule epithelial cell system.

Differential long-term effects of developmental exposure to polychlorinated biphenyls 52, 138 or 180 on motor activity and neurotransmission. Gender dependence and mechanisms involved.

Occupational exposure in methyl bromide manufacturing workers: 17-year follow-up study of urinary bromide ion concentration for biological monitoring.

Effects of prenatal exposure to a low dose atrazine metabolite mixture on pubertal timing and prostate development of male Long-Evans rats.

Additive toxicity of herbicide mixtures and comparative sensitivity of tropical benthic microalgae.

Assessing the cancer risk associated with arsenic-contaminated seafood.

Predicting acute complicated glyphosate intoxication in the emergency department.

Repeated pesticide exposure among North Carolina migrant and seasonal farmworkers.

Increased reactive oxygen species production in the brain after repeated low-dose pesticide paraquat exposure in rats. A comparison with peripheral tissues.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.

Fatality in paraquat poisoning.

Postmortem distribution of ametryn in the blood and organ tissues of an herbicide-poisoning victim.

Paraquat ingestion: a challenging diagnosis.

Atrazine affects kidney and adrenal hormones (AHs) related genes expressions of rare minnow (*Gobiocypris rarus*).

[Thyroid disruption induced by pentachlorophenol].

Urethral carcinoma and hyperplasia in male and female B6C3F1 mice treated with 3,3',4,4'-tetrachloroazobenzene (TCAB).

Paraquat increases connective tissue growth factor and collagen expression via angiotensin signaling pathway in human lung fibroblasts.

[Relationship between paraquat tissue content and organ injury in paraquat poisoning rats].

The poison pen: bedside diagnosis of urinary diquat.

Effects of sub-chronic exposure to terbutryn in common carp (*Cyprinus carpio* L.).

Predictors of 2,4-dichlorophenoxyacetic acid exposure among herbicide applicators.

Perturbation of lipids and glucose metabolism associated with previous 2,4-D exposure: a cross-sectional study of NHANES III data, 1988-1994.

A prospective observational study of the clinical toxicology of glyphosate-containing herbicides in adults with acute self-poisoning.

Biomonitoring data for 2,4-dichlorophenoxyacetic acid in the United States and Canada: interpretation in a public health risk assessment context using Biomonitoring Equivalents.

Protective effects of *Forsythia suspensa* extract against oxidative stress induced by diquat in rats.

Toxicokinetics and recovery studies of dicamba dimethyl amine salt in goats following single oral administration.

[Acute poisoning due to chemical substances inducing methemoglobinemia--two cases report].

Failed rescue therapy with rapamycin after paraquat intoxication.

Cytotoxicity and regenerative proliferation as the mode of action for diuron-induced urothelial carcinogenesis in the rat.

Cause-specific mortality of Dutch chlorophenoxy herbicide manufacturing workers.

Polymorphisms in one-carbon metabolism pathway genes, urinary arsenic profile, and urothelial carcinoma.

Antibiofilm effect of trans-cinnamaldehyde on uropathogenic *Escherichia coli*.

Insulinotropic effect of cinnamaldehyde on transcriptional regulation of pyruvate kinase, phosphoenolpyruvate carboxykinase, and GLUT4 translocation in experimental diabetic rats.

Lipid peroxidation product acrolein as a predictive biomarker of prostate carcinoma relapse after radical surgery.

Cinnamaldehyde impairs high glucose-induced hypertrophy in renal interstitial fibroblasts.

Impact of smoking and chewing tobacco on arsenic-induced skin lesions.

Ameliorative effect of the cinnamon oil from *Cinnamomum zeylanicum* upon early stage diabetic nephropathy.

Potential effects of the herbicide Diuron on mammary and urinary bladder two-stage carcinogenesis in a female Swiss mouse model.

Modulation of SCF beta-TrCP-dependent I kappaB alpha ubiquitination by hydrogen peroxide.

Comparison of immunoassay and HPLC-MS/MS used to measure urinary metabolites of atrazine, metolachlor, and chlorpyrifos from farmers and non-farmers in Iowa.

Urinary biomarker, dermal, and air measurement results for 2,4-D and chlorpyrifos farm applicators in the Agricultural Health Study.

Effects of repeated seafood consumption on urinary excretion of arsenic species by volunteers.

Renal oxygenation suppresses VHL loss-induced senescence that is caused by increased sensitivity to oxidative stress.

Association of genetic variation in cystathionine-beta-synthase and arsenic metabolism.

Paraquat-induced oxidative stress represses phosphatidylinositol 3-kinase activities leading to impaired glucose uptake in 3T3-L1 adipocytes.

Genetic polymorphism of As3MT and delayed urinary DMA excretion after organic arsenic intake from oyster ingestion.

Distribution and metabolism of four different dimethylated arsenicals in hamsters.

The nephrologist as a consultant for acute poisoning: epidemiology of severe poisonings in the State of Rio Grande do Sul and techniques to enhance renal elimination.

Radiochemical synthesis, rodent biodistribution and tumor uptake, and dosimetry calculations of [^{14}C] methylated LY2181308.

Toxicology and carcinogenesis studies of 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (CAS No. 31508-00-6) in female harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 3,3',4,4'-tetrachloroazobenzene (TCAB) (CAS No. 14047-09-7) in Harlan Sprague-Dawley rats and B6C3F1 mice (gavage studies).

Recruitment maneuver in experimental acute lung injury: the role of alveolar collapse and edema.

NMR-based metabolomic analysis of the hepatotoxicity induced by combined exposure to PCBs and TCDD in rats.

Creation of a novel peptide with enhanced nuclear localization in prostate and pancreatic cancer cell lines.

[Establishment of an erythroleukemia model in CB6F1 mice by transplant with haploidentical mouse leukemic cell line FBL-3].

Cytochrome P4501A1 is required for vascular dysfunction and hypertension induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Food safety.

[Uremic toxins: the case of protein-bound compounds].

Neuroprotective effect of curcumin in arsenic-induced neurotoxicity in rats.

Protective role of tannin-rich fraction of *Camellia sinensis* in tissue arsenic burden in Sprague Dawley rats.

alpha-Synuclein- and MPTP-generated rodent models of Parkinson's disease and the study of extracellular striatal dopamine dynamics: a microdialysis approach.

Serological cardiovascular and mortality risk predictors in dialysis patients receiving sevelamer: a prospective study.

Sub-chronic arsenic exposure aggravates nephrotoxicity in experimental diabetic rats.

Copper sulphate toxicity in a young male complicated by methemoglobinemia, rhabdomyolysis and renal failure.

Maternal residence near municipal waste incinerators and the risk of urinary tract birth defects.

p-Cresol and cardiovascular risk in mild-to-moderate kidney disease.

Factors associated with blood concentrations of indoxyl sulfate and p-cresol in patients undergoing peritoneal dialysis.

A pharmacokinetic and safety study of intravenous arsenic trioxide in adult cancer patients with renal impairment.

Metabolomic analysis of uremic toxins by liquid chromatography/electrospray ionization-tandem mass spectrometry.

Toxicity of Bromkal 70-5DE, a technical mixture of polybrominated diphenyl ethers, following 28 d of oral exposure in rats and impact of analysed impurities.

Interpretation of studies on the developmental reproductive toxicology of 2,3,7,8-tetrachlorodibenzo-p-dioxin in male offspring.

Decrease in dietary K intake stimulates the generation of superoxide anions in the kidney and inhibits K secretory channels in the CCD.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin suggests abnormal palate development after palatal fusion.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces disruption of glands of the prostate and fibrosis in rhesus monkeys.

Arsenic exposure in utero and nonepidermal proliferative response in adulthood in Tg.AC mice.

Dietary administration of sodium arsenite to rats: relations between dose and urinary concentrations of methylated and thio-metabolites and effects on the rat urinary bladder epithelium.

In vitro inhibition of low density lipoprotein carbamylation by vitamins, as an ameliorating atherosclerotic risk in uremic patients.

Free p-cresylsulphate is a predictor of mortality in patients at different stages of chronic kidney disease.

Activation of Hedgehog signaling by the environmental toxicant arsenic may contribute to the etiology of arsenic-induced tumors.

Comparative contribution of the aryl hydrocarbon receptor gene to perinatal stage development and dioxin-induced toxicity between the urogenital complex and testis in the mouse.

Tolerance of arabinoxylan-oligosaccharides and their prebiotic activity in healthy subjects: a randomised, placebo-controlled cross-over study.

Maintenance of elevated versus physiological iron indices in non-anaemic patients with chronic kidney disease: a randomized controlled trial.

beta-TrCP inhibition reduces prostate cancer cell growth via upregulation of the aryl hydrocarbon receptor.

Androgenic regulation of ventral epithelial bud number and pattern in mouse urogenital sinus.

Activation of the aryl hydrocarbon receptor pathway enhances cancer cell invasion by upregulating the MMP expression and is associated with poor prognosis in upper urinary tract urothelial cancer.

Increased levels of total P-Cresylsulphate and indoxyl sulphate are associated with coronary artery disease in patients with diabetic nephropathy.

Inhibitory effects of uraemic toxins 3-indoxyl sulfate and p-cresol on losartan metabolism in vitro.

Efficacy and safety of ferric carboxymaltose in correcting iron-deficiency anemia: a review of randomized controlled trials across different indications.

Indian spice curcumin may be an effective strategy to combat the genotoxicity of arsenic in Swiss albino mice.

The absence of interleukin-6 enhanced arsenite-induced renal injury by promoting autophagy of tubular epithelial cells with aberrant extracellular signal-regulated kinase activation.

Bidirectional correlation of NMR and capillary electrophoresis fingerprints: a new approach to investigating *Schistosoma mansoni* infection in a mouse model.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits fibroblast growth factor 10-induced prostatic bud formation in mouse urogenital sinus.

Protein-bound uraemic toxin removal in haemodialysis and post-dilution haemodiafiltration.

p-Cresyl sulfate serum concentrations in haemodialysis patients are reduced by the prebiotic oligofructose-enriched inulin.

Effects of the compounds MV8608 and MV8612 obtained from *Mandevilla velutina* in the model of hemorrhagic cystitis induced by cyclophosphamide in rats.

Tissue-engineered conduit using urine-derived stem cells seeded bacterial cellulose polymer in urinary reconstruction and diversion.

Free fatty acids profile of the fetal brain and the plasma, liver, brain and kidneys of pregnant rats treated with sodium arsenite at mid-organogenesis.

Role of dietary GSH in the amelioration of sodium arsenite-induced ovarian and uterine disorders.

Serum protein-bound uraemic toxins and clinical outcomes in haemodialysis patients.

Interaction between beet vinasse and iron fertilisers in the prevention of iron deficiency in lupins.

Comparative metabolism of cyclophosphamide and ifosfamide in the mouse using UPLC-ESI-QTOFMS-based metabolomics.

National study of exposure to pesticides among professional applicators: an investigation based on urinary biomarkers.

Outcomes after radical prostatectomy among men who are candidates for active surveillance: results from the SEARCH database.

Nanoengineered optical urea biosensor for estimating hemodialysis parameters in spent dialysate.

Effects of in ovo exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic AHR/ARNT-CYP1A signaling pathways in common cormorants (*Phalacrocorax carbo*).

Cell viability and PSA secretion assays in LNCaP cells: a tiered in vitro approach to screen chemicals with a prostate-mediated effect on male reproduction within the ReProTect project.

Expression of aryl hydrocarbon receptor in human placentas and fetal tissues.

The effects of dietary boric acid and borax supplementation on lipid peroxidation, antioxidant activity, and DNA damage in rats.

Association between As and Cu renal cortex accumulation and physiological and histological alterations after chronic arsenic intake.

Cellular uptake, subcellular distribution and toxicity of arsenic compounds in methylating and non-methylating cells.

Comparison of current-use pesticide and other toxicant urinary metabolite levels among pregnant women in the CHAMACOS cohort and NHANES.

Local maximum oxygen disappearance rate has limited utility as a measure of local renal tissue oxygen consumption.

Urinary metabolomics in Fxr-null mice reveals activated adaptive metabolic pathways upon bile acid challenge.

Hemorrhagic cystitis in a patient receiving docetaxel for prostate cancer.

C-reactive protein, sodium azide, and endothelial connexin43 gap junctions.

TCDD-induced cyclooxygenase-2 expression is mediated by the nongenomic pathway in mouse MMDD1 macula densa cells and kidneys.

Albumin-derived peptides efficiently reduce renal uptake of radiolabelled peptides.

Induction of CMV-1 promoter by 4-hydroxy-2-nonenal in human embryonic kidney cells.

Protective effect of *Corchorus olitorius* leaves on sodium arsenite-induced toxicity in experimental rats.

Altered metabolisms of mediators controlling vascular function and enhanced oxidative stress in asymptomatic children with congenital portosystemic venous shunt.

Assessment of nicotine inhalation exposure and urinary cotinine of tobacco processing workers.

Successful treatment of paraquat poisoning by Xuebijing, an injection concocted from multiple Chinese medicinal herbs: a case report.

Arsenate and dimethylarsinic acid in drinking water did not affect DNA damage repair in urinary bladder transitional cells or micronuclei in bone marrow.

Clinical implication of urinary neutrophil gelatinase-associated lipocalin and kidney injury molecule-1 in patients with acute paraquat intoxication.

The one stop shop: chemical causes and cures for cancer.

Behavioral response and kinetics of terrestrial atrazine exposure in American toads (*Bufo americanus*).

Postmortem analyses unveil the poor efficacy of decontamination, anti-inflammatory and immunosuppressive therapies in paraquat human intoxications.

[Acute glyphosate-surfactant poisoning with neurological sequels and fatal outcome].

Glycogen content is affected differently in acute pulmonary and extra-pulmonary lung injury.

[Pathologic changes and expression of Heme oxygenase-1 in paraquat-induced renal injury].

Low toxic herbicide Roundup induces mild oxidative stress in goldfish tissues.

Evidence for toxicity differences between inorganic arsenite and thioarsenicals in human bladder cancer cells.

Agent Orange exposure, Vietnam war veterans, and the risk of prostate cancer.

Effects of co-administration of dietary sodium arsenite and an NADPH oxidase inhibitor on the rat bladder epithelium.

Melamine-contaminated powdered formula and urolithiasis.

Effects of an epidermal growth factor receptor inhibitor on arsenic associated toxicity in the rat bladder epithelium.

Dimethylarsinic acid in drinking water changed the morphology of urinary bladder but not the expression of DNA repair genes of bladder transitional epithelium in F344 rats.

Immunohistochemical and histopathological evaluation of 2,4-dichlorophenoxyacetic acid-induced changes in rat kidney cortex.

Determination of the phenoxyacid herbicides MCPA, mecoprop and 2,4-D in kidney tissue using liquid chromatography with electrospray tandem mass spectrometry.

Exposure to Agent Orange is a significant predictor of prostate-specific antigen (PSA)-based recurrence and a rapid PSA doubling time after radical prostatectomy.

Urinary pesticide metabolites in school students from northern Thailand.

Immunotoxicological effects of a sub-chronic exposure to selected current-use pesticides in rainbow trout (*Oncorhynchus mykiss*).

Development of PBPK model of molinate and molinate sulfoxide in rats and humans.

The level and clinical significance of pancreatic enzymes in survivors of acute paraquat poisoning.

Effects of photosystem II inhibitors and their mixture on freshwater phytoplankton succession in outdoor mesocosms.

Western blot analysis for 4-hydroxy-2-nonenal (HNE)-modified proteins in paraquat-treated mice.

Effects of acute exposure to metribuzin on some hematological, biochemical and histopathological parameters of common carp (*Cyprinus carpio* L.).

The clinical features of acute kidney injury in patients with acute paraquat intoxication.

[Changes in nitric oxide, prostaglandins and myeloperoxidase activity in acrolein-induced cystitis in rats].

Heterocyclic aromatic amine pesticide use and human cancer risk: results from the U.S. Agricultural Health Study.

An effective antidote for paraquat poisonings: the treatment with lysine acetylsalicylate.

Terbutryn toxicity to *Danio rerio*: effects of subchronic exposure on fish growth.

Effects of subchronic exposure to Successor 600 (pethoxamid 600 g L⁻¹) on common carp *Cyprinus carpio*.

A review: oxidative stress in fish induced by pesticides.

Comparison between kidney and hemoperfusion for paraquat elimination.

Glyphosate formulations induce apoptosis and necrosis in human umbilical, embryonic, and placental cells.

Prostate cancer control and survival in Vietnam veterans exposed to Agent Orange.

Increased sensitivity of glutathione S-transferase P-null mice to cyclophosphamide-induced urinary bladder toxicity.

Urinary arsenic methylation capability and carotid atherosclerosis risk in subjects living in arsenicosis-hyperendemic areas in southwestern Taiwan.

Arsenic methylation capability, myeloperoxidase and sulfotransferase genetic polymorphisms, and the stage and grade of urothelial carcinoma.

Changes in urinary arsenic methylation profiles in a 15-year interval after cessation of arsenic ingestion in southwest Taiwan.

Influence of cobalamin on arsenic metabolism in Bangladesh.

Metabolism of flufenpyr-ethyl in rats and mice.

Organic cation transporters OCT1, 2, and 3 mediate high-affinity transport of the mutagenic vital dye ethidium in the kidney proximal tubule.

Effect of long-term exposure to simazine on histopathology, hematological, and biochemical parameters in *Cyprinus carpio*.

Occupational paraquat exposure of agricultural workers in large Costa Rican farms.

Levels of metals and organic substances in workers at a hazardous waste incinerator: a follow-up study.

Requirement of arsenic biomethylation for oxidative DNA damage.

Arsenic methylation, oxidative stress and cancer--is there a link?

p-Cresyl sulfate and indoxyl sulfate in hemodialysis patients.

Systems metabolic effects of a necator americanus infection in Syrian hamster.

Hypoxia and the metabolic phenotype of prostate cancer cells.

Effects of pomegranate chemical constituents/intestinal microbial metabolites on CYP1B1 in 22Rv1 prostate cancer cells.

p-Cresol sulfate: further understanding of its cardiovascular disease potential in CKD.

Urinary arsenic species and CKD in a Taiwanese population: a case-control study.

Polymorphisms in arsenic metabolism genes, urinary arsenic methylation profile and cancer.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin disrupts B-cell lymphopoiesis and exacerbates autoimmune disease in 24-week-old SNF1 mice.

The uremic retention solute p-cresyl sulfate and markers of endothelial damage.

Prophylactic role of taurine on arsenic mediated oxidative renal dysfunction via MAPKs/ NF-kappaB and mitochondria dependent pathways.

Cancer incidence among pesticide applicators exposed to butylate in the Agricultural Health Study (AHS).

Developmental exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin alters postnatal T cell phenotypes and T cell function and exacerbates autoimmune lupus in 24-week-old SNF1 mice.

Nrf2 protects against As(III)-induced damage in mouse liver and bladder.

Recent progress in the analysis of uremic toxins by mass spectrometry.

Evaluation of the rodent Hershberger bioassay on intact juvenile males--testing of coded chemicals and supplementary biochemical investigations.

Impact of life stage and duration of exposure on arsenic-induced proliferative lesions and neoplasia in C3H mice.

Health profiles of methyl bromide applicators in greenhouses in Turkey.

Rationale and design of the oral HEME iron polypeptide Against Treatment with Oral Controlled Release Iron Tablets trial for the correction of anaemia in peritoneal dialysis patients (HEMATOCRIT trial).

In vitro evaluation of ferrihydrite as an enterosorbent for arsenic from contaminated drinking water.

Protein-bound toxins--update 2009.

Determination of boron distribution in rat's brain, kidney and liver.

Immunogenicity of a standard trivalent influenza vaccine in patients on long-term hemodialysis: an open-label trial.

Intravenous versus oral iron supplementation for correction of post-transplant anaemia in renal transplant patients.

Characterization of inflammatory bowel disease with urinary metabolic profiling.

Effect of increasing dialyzer mass transfer area coefficient and dialysate flow on clearance of protein-bound solutes: a pilot crossover trial.

Maternal exposure to dioxin disrupts gonadotropin production in fetal rats and imprints defects in sexual behavior.

p-Cresol inhibits IL-12 production by murine macrophages stimulated with bacterial immunostimulant.

Effects of frequency and inspiratory plateau pressure during recruitment manoeuvres on lung and distal organs in acute lung injury.

Arsenic activates EGFR pathway signaling in the lung.

Dexamethasone enhances basal and TNF-alpha-stimulated production of PAI-1 via the glucocorticoid receptor regardless of 11beta-hydroxysteroid dehydrogenase 2 status in human proximal renal tubular cells.

Sodium octanoate to reverse indoxyl sulfate and p-cresyl sulfate albumin binding in uremic and normal serum during sample preparation followed by fluorescence liquid chromatography.

Evolution of protein-bound uraemic solutes during predilution haemofiltration.

Regulation of mitochondrial dynamics in acute kidney injury in cell culture and rodent models.

Comparative effects of very low-carbohydrate, high-fat and high-carbohydrate, low-fat weight-loss diets on bowel habit and faecal short-chain fatty acids and bacterial populations.

Structure-effect relationship in the down-regulation of glutaminase in cultured human cells by phenylarsenic compounds.

Dimethylarsine likely acts as a mouse-pulmonary tumor initiator via the production of dimethylarsine radical and/or its peroxy radical.

Dimethylarsine likely acts as a mouse-pulmonary tumor initiator via the production of dimethylarsine radical and/or its peroxy radical.

Sodium arsenite induces ROS generation, DNA oxidative damage, HO-1 and c-Myc proteins, NF-kappaB activation and cell proliferation in human breast cancer MCF-7 cells.

Carcinogenesis studies of cresols in rats and mice.

Repression of activated aryl hydrocarbon receptor-induced transcriptional activation by 5alpha-dihydrotestosterone in human prostate cancer LNCaP and human breast cancer T47D cells.

Inhibition of androgen receptor transcriptional activity as a novel mechanism of action of arsenic.

Dietary exposure and biomarkers of arsenic in consumers of fish and shellfish from France.

Identification and quantification of 2',3'-cAMP release by the kidney.

Development of a GIS-based indicator for environmental pesticide exposure and its application to a Belgian case-control study on bladder cancer.

Multiple micronutrient fortification of salt.

The significance of the nongenomic pathway in mediating inflammatory signaling of the dioxin-activated Ah receptor to cause toxic effects.

AHR signaling in prostate growth, morphogenesis, and disease.

Expression of hepcidin and other iron-related genes in type 3 hemochromatosis due to a novel mutation in transferrin receptor-2.

Effects of leaves extract of *Ocimum sanctum* L. on arsenic-induced toxicity in Wistar albino rats.

Cytotoxicity and phytotoxicity of trichothecene macrolides from *Myrothecium gramminum*.

Concentration of hydrogen ions in several calcium hydroxide pastes over different periods of time.

Functional analysis of ryanodine receptor type 1 p.R2508C mutation in exon 47.

[Analysis of the infection status and the drug resistance of mycoplasma and chlamydiae in genitourinary tracts of children with suspected nongonococcal urethritis].

Ferric carboxymaltose: a review of its use in iron-deficiency anaemia.

Oral carcinogenicity and toxicity of 2-amino-4-chlorophenol in rats.

Melanosis ilei associated with chronic ingestion of oral iron.

Metabolic effects of dark chocolate consumption on energy, gut microbiota, and stress-related metabolism in free-living subjects.

The effect of dose on 2,3,7,8-TCDD tissue distribution, metabolism and elimination in CYP1A2 (-/-) knockout and C57BL/6N parental strains of mice.

Multi-residue determination of phenolic and salicylanilide anthelmintics and related compounds in bovine kidney by liquid chromatography-tandem mass spectrometry.

Towards the mechanism and comparative effect of diphenyl diselenide, diphenyl ditelluride and ebselen under various pathophysiological conditions in rat's kidney preparation.

Antioxidant defense system in rats simultaneously intoxicated with agrochemicals.

Oxidative stress responses of rats exposed to Roundup and its active ingredient glyphosate.

Pseudo-halide derivatives of titanocene: synthesis and cytotoxicity studies.

Dioxin-dependent and dioxin-independent gene batteries: comparison of liver and kidney in AHR-null mice.

Combined effects of repeated administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin and polychlorinated biphenyls on kidneys of male rats.

Seasonal variation in the measurement of urinary pesticide metabolites among Latino farmworkers in eastern North Carolina.

Effects of occupational exposure to 1,4-dichlorobenzene on hematologic, kidney, and liver functions.

Reduced arsenic clearance and increased toxicity in aquaglyceroporin-9-null mice.

Acacia Senegal gum exudate offers protection against cyclophosphamide-induced urinary bladder cytotoxicity.

Impaired arsenic metabolism in children during weaning.

Pharmacometabonomic identification of a significant host-microbiome metabolic interaction affecting human drug metabolism.

Estrogen signaling is not required for prostatic bud patterning or for its disruption by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Radiation metabolomics. 3. Biomarker discovery in the urine of gamma-irradiated rats using a simplified metabolomics protocol of gas chromatography-mass spectrometry combined with random forests machine learning algorithm.

Anti-thyroid hormone activity of bisphenol A, tetrabromobisphenol A and tetrachlorobisphenol A in an improved reporter gene assay.

Simultaneous exposure of *Xenopus* A6 kidney epithelial cells to concurrent mild sodium arsenite and heat stress results in enhanced hsp30 and hsp70 gene expression and the acquisition of thermotolerance.

Organic cation transporters: physiology, toxicology and special focus on ethidium as a novel substrate.

The effect of workload on biological monitoring of occupational exposure to toluene and n-Hexane: contribution of physiologically based toxicokinetic modeling.

Oral charcoal adsorbent (AST-120) prevents progression of cardiac damage in chronic kidney disease through suppression of oxidative stress.

Detection of the anti-androgenic effect of endocrine disrupting environmental contaminants using in vivo and in vitro assays in the three-spined stickleback.

In vitro glutathione conjugation of methyl iodide in rat, rabbit, and human blood and tissues.

Two-day inhalation toxicity study of methyl iodide in the rat.

[Effect of environment temperature on the recovery of microdialysis probe for monoamine neurotransmitter].

Folate, Cobalamin, Cysteine, Homocysteine, and Arsenic Metabolism among Children in Bangladesh.

Dioxin-induced up-regulation of the active form of vitamin D is the main cause for its inhibitory action on osteoblast activities, leading to developmental bone toxicity.

Persistent adverse effects on health and reproduction caused by exposure of zebrafish to 2,3,7,8-tetrachlorodibenzo-p-dioxin during early development and gonad differentiation.

Sustaining hypercitrullinemia, hypercholesterolemia and augmented oxidative stress in Japanese children with aspartate/glutamate carrier isoform 2-citrin-deficiency even during the silent period.

Self-collected urine sampling to study the kinetics of urinary toluene (and o-cresol) and define the best sampling time for biomonitoring.

Genetic polymorphisms in AS3MT and arsenic metabolism in residents of the Red River Delta, Vietnam.

Effects of smoking cessation on eight urinary tobacco carcinogen and toxicant biomarkers.

Kir 2.2 inward rectifier potassium channels are inhibited by an endogenous factor in *Xenopus* oocytes independently from the action of a mitochondrial uncoupler.

Studies on histopathological changes in the gill, liver and kidney of *Channa punctatus* (Bloch) exposed to Alachlor.

Variability in biomarkers of arsenic exposure and metabolism in adults over time.

Parathyroid hormone regulation of the human bone sialoprotein gene transcription is mediated through two cAMP response elements.

New ifosfamide analogs designed for lower associated neurotoxicity and nephrotoxicity with modified alkylating kinetics leading to enhanced in vitro anticancer activity.

Relationship of urinary arsenic metabolites to intake estimates in residents of the Red River Delta, Vietnam.

Refractory cardiopulmonary failure after glyphosate surfactant intoxication: a case report.

A simple efficient technique of 'mid-dilution' on-line hemodiafiltration.

Lidocaine prevents referred hyperalgesia associated with cystitis.

Ameliorating effect of curcumin on sodium arsenite-induced oxidative damage and lipid peroxidation in different rat organs.

Levels of urinary total and speciated arsenic in the US population: National Health and Nutrition Examination Survey 2003-2004.

Gestational exposure to atrazine: effects on the postnatal development of male offspring.

Formation of dimethylthioarsenicals in red blood cells.

Reduction of paraquat-induced renal cytotoxicity by manganese and copper complexes of EGTA and EHPG.

Changes in muscarinic receptors in the toad urothelial cell line TBM-54 following acrolein treatment.

Pneumoproteins as markers of paraquat lung injury: a clinical case.

Effect of butachlor on antioxidant enzyme status and lipid peroxidation in fresh water African catfish, (*Clarias gariepinus*).

A comparative 90-day toxicity study of allyl acetate, allyl alcohol and acrolein.

Agent Orange exposure, Vietnam War veterans, and the risk of prostate cancer.

Editorial comment on: Agent Orange exposure, Vietnam War veterans, and the risk of prostate cancer.

Paraquat exposure reduces nicotinic receptor-evoked dopamine release in monkey striatum.

An outbreak of fatal pneumonitis caused by contamination of illicit alcohol with paraquat.

Comparative effects of herbicides on photosynthesis and growth of tropical estuarine microalgae.

In vitro nephrotoxicity induced by propanil.

Cytotoxicity of combinations of arsenicals on rat urinary bladder urothelial cells in vitro.

Comparison of a pulsatile blood pump and a peristaltic roller pump during hemoperfusion treatment in a canine model of paraquat poisoning.

Hemoperfusion using dual pulsatile pump in paraquat poisoning.

The effectiveness of combined treatment with methylprednisolone and cyclophosphamide in oral paraquat poisoning.

Blockade of NGF and trk receptors inhibits increased peripheral mechanical sensitivity accompanying cystitis in rats.

Cancer incidence among pesticide applicators exposed to trifluralin in the Agricultural Health Study.

Induction of COX-2 expression by acrolein in the rat model of hemorrhagic cystitis.

[Meta-analysis of association between pentachlorophenol exposure and cancer risk].

Acute renal failure induced by bentazone: 2 case reports and a comprehensive review.

A fatal intoxication from ingestion of 2-methyl-4-chlorophenoxyacetic acid (MCPA).

Dose-dependent uptake, elimination, and toxicity of monosodium methanearsonate in adult zebra finches (*Taeniopygia guttata*).

Metabolic acidosis in prometryn (triazine herbicide) self-poisoning.

Genotoxic potential of glyphosate formulations: mode-of-action investigations.

Perturbation of organogenesis by the herbicide atrazine in the amphibian *Xenopus laevis*.

Urinary corticosterone as an indicator of stress-mediated immunological changes in rats.

Determination of cytotoxicity of nephrotoxins on murine and human kidney cell lines.

Analysis of phenoxyacetic acid herbicides as biomarkers in human urine using liquid chromatography/triple quadrupole mass spectrometry.

Cannabinoid receptor 2 is increased in acutely and chronically inflamed bladder of rats.

Arsenic exposure, urinary arsenic speciation, and the incidence of urothelial carcinoma: a twelve-year follow-up study.

Prostaglandins inhibit cytochrome P450 4A activity and contribute to endotoxin-induced hypotension in rats via nitric oxide production.

Oxidative stress as a biomarker of respiratory disturbance in patients with severe motor and intellectual disabilities.

Recruiting strategy and 24-hour biomonitoring of paraquat in agricultural workers.

Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in C57BL6 mice following subchronic exposure to arsenate in drinking water.

A physiologically based pharmacokinetic model for intravenous and ingested dimethylarsinic acid in mice.

Identification of the major arsenic-binding protein in rat plasma as the ternary dimethylarsinous-hemoglobin-haptoglobin complex.

Distribution and function of the hydrogen sulfide-sensitive TRPA1 ion channel in rat urinary bladder.

Editorial comment on: distribution and function of the hydrogen sulfide-sensitive TRPA1 ion channel in rat urinary bladder.

Development of a human physiologically based pharmacokinetic (PBPK) model for inorganic arsenic and its mono- and di-methylated metabolites.

Mutagenic potential of DNA-peptide crosslinks mediated by acrolein-derived DNA adducts.

The effects of in utero exposure to a migrant, 4,4'-butylidenebis(6-t-butyl-m-cresol), from nitrile-butadiene rubber gloves on monoamine neurotransmitter in rats.

Comparison of broiler performance and carcass yields when fed diets containing transgenic maize grains from event DP-O9814O-6 (Optimum GAT), near-isogenic control maize grain, or commercial reference maize grains.

Curcumin attenuates cytochrome P450 induction in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin by ROS-dependently degrading AhR and ARNT.

Hypertension, cardiac hypertrophy, and impaired vascular relaxation induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin are associated with increased superoxide.

Effect of FeSO₄ treatment on glucose metabolism in diabetic rats.

Carbamylated low-density lipoprotein induces proliferation and increases adhesion molecule expression of human coronary artery smooth muscle cells.

New insights into uremic toxicity.

Abnormal liver development and resistance to 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in mice carrying a mutation in the DNA-binding domain of the aryl hydrocarbon receptor.

Decreased urinary beta-defensin-1 expression as a biomarker of response to arsenic.

KLF6 induces apoptosis in prostate cancer cells through up-regulation of ATF3.

Polymorphisms in cell cycle regulatory genes, urinary arsenic profile and urothelial carcinoma.

Combined administration of taurine and monoisoamyl DMSA protects arsenic induced oxidative injury in rats.

Effects of uremic serum and uremic toxins on hepatic uptake of digoxin.

Perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure sensitizes offspring to angiotensin II-induced hypertension.

Urinary arsenic speciation and its correlation with 8-OHdG in Chinese residents exposed to arsenic through coal burning.

An enhanced postnatal autoimmune profile in 24 week-old C57BL/6 mice developmentally exposed to TCDD.

Critical role of cyclooxygenase-2 activation in pathogenesis of hydronephrosis caused by lactational exposure of mice to dioxin.

Antiteratogenic effect of resveratrol in mice exposed in utero to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effect of hand dermatitis on the total body burden of chromium after ferrous sulfate application in cement among cement workers.

Protective effects of GH and IGF-I against iron-induced lipid peroxidation in vivo.

Liver is a target of arsenic carcinogenesis.

KML001 cytotoxic activity is associated with its binding to telomeric sequences and telomere erosion in prostate cancer cells.

Interplay between cellular methyl metabolism and adaptive efflux during oncogenic transformation from chronic arsenic exposure in human cells.

Relationship of impaired olfactory function in ESRD to malnutrition and retained uremic molecules.

Effect of hemolytic and iron-deficiency anemia on intestinal absorption and tissue accumulation of cadmium.

Pollutant effects on genotoxic parameters and tumor-associated protein levels in adults: a cross sectional study.

Can folate intake reduce arsenic toxicity?

Clinical manifestations and arsenic methylation after a rare subacute arsenic poisoning accident.

Free p-cresol is associated with cardiovascular disease in hemodialysis patients.

The preparation and characterization of anti-VEGFR2 conjugated, paclitaxel-loaded PLLA or PLGA microspheres for the systemic targeting of human prostate tumors.

Neuropharmacological profile of novel and selective 5-HT₆ receptor agonists: WAY-181187 and WAY-208466.

Medullary pathways mediating the parasubthalamic nucleus depressor response.

A Weibull-PBPK model for assessing risk of arsenic-induced skin lesions in children.

Role of hormonal and other factors in human prostate cancer.

Removal of the uremic retention solute p-cresol using fractionated plasma separation and adsorption.

Plasma folate level, urinary arsenic methylation profiles, and urothelial carcinoma susceptibility.

Effectiveness of oral and intravenous iron therapy in haemodialysis patients.

Enhancements of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) metabolism and carcinogenic risk via NNK/arsenic interaction.

Renoprotective action of L-carnitine in fructose-induced metabolic syndrome.

In utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure: effects on fetal and adult cardiac gene expression and adult cardiac and renal morphology.

The effects of gum arabic oral treatment on the metabolic profile of chronic renal failure patients under regular haemodialysis in Central Sudan.

Anemia management in peritoneal dialysis patients: can an iron supplement maintain a normal transferrin saturation and hemoglobin level?

Arsenic methylation capability, heme oxygenase-1 and NADPH quinone oxidoreductase-1 genetic polymorphisms and the stage and grade of urothelial carcinomas.

Tissue levels of arsenicals and skin tumor response following administration of monomethylarsonous acid and arsenite to K6/ODC mice.

Inhalant abuse detection and evaluation in young Tunisians.

Feasibility studies of 4'-[methyl-(11)C]thiothymidine as a tumor proliferation imaging agent in mice.

Developmental exposure to polychlorinated biphenyls PCB153 or PCB126 impairs learning ability in young but not in adult rats.

Endocrine disruptors and estrogenic effects on male reproductive axis.

Removal of the protein-bound solutes indican and p-cresol sulfate by peritoneal dialysis.

Reactivity of urinary albumin (microalbumin) assays with fragmented or modified albumin.

Urinary 8-hydroxydeoxyguanosine and urothelial carcinoma risk in low arsenic exposure area.

Concentrations of urinary pesticide metabolites in small-scale farmers in Chiang Mai Province, Thailand.

Clinical applications of urinary organic acids. Part 2. Dysbiosis markers.

WNT5A selectively inhibits mouse ventral prostate development.

Dioxin causes ventral prostate agenesis by disrupting dorsoventral patterning in developing mouse prostate.

Effects of inorganic arsenic on the rat and mouse urinary bladder.

Reactive oxygen species from the uncoupling of human cytochrome P450 1B1 may contribute to the carcinogenicity of dioxin-like polychlorinated biphenyls.

Protein expression in the livers and urinary bladders of hamsters exposed to sodium arsenite.

Effects of endogenous hydrogen peroxide and glutathione on the stability of arsenic metabolites in rat bile.

Lack of TRPV1 inhibits cystitis-induced increased mechanical sensitivity in mice.

Synthesis and in vivo evaluation of novel PET radioligands for imaging the endothelin-A receptor.

Significance of urinary arsenic speciation in assessment of seafood ingestion as the main source of organic and inorganic arsenic in a population resident near a coastal area.

Intracellular localization of the heat shock protein, HSP110, in *Xenopus laevis* A6 kidney epithelial cells.

Dose-response effect of arabinoxylooligosaccharides on gastrointestinal motility and on colonic bacterial metabolism in healthy volunteers.

Saliva as an analytical tool to measure occupational exposure to toluene.

Attenuation of TCDD-induced oxidative stress by 670 nm photobiomodulation in developmental chicken kidney.

Comparative study of ezrin phosphorylation among different tissues: more is good; too much is bad.

Histopathological alterations of Nile tilapia, *Oreochromis niloticus* in acute and subchronic alachlor exposure.

Quercetin administration during chelation therapy protects arsenic-induced oxidative stress in mice.

Antioxidant activity of different extracts of Argentinian medicinal plants against arsenic-induced toxicity in renal cells.

Mechanistic aspects of 4-amino-2,6-dichlorophenol-induced in vitro nephrotoxicity.

The concept of neurogenic inflammation.

Tissue dosimetry, metabolism and excretion of pentavalent and trivalent dimethylated arsenic in mice after oral administration.

Metabolism and disposition of [¹⁴C]5-amino-o-cresol in female F344 rats and B6C3F1 mice.

Role of the Met(287)Thr polymorphism in the AS3MT gene on the metabolic arsenic profile.

2,3,7,8-Tetrachlorodibenzo-p-dioxin increases Bovine Herpesvirus type-1 (BHV-1) replication in Madin-Darby Bovine Kidney (MDBK) cells in vitro.

Tissue-specific induction of EROD activity and CYP1A protein in *Sparus aurata* exposed to B(a)P and TCDD.

Evaluation of the antiandrogenic effects of flutamide, DDE, and linuron in the weanling rat assay using organ weight, histopathological, and proteomic approaches.

Pesticide dose estimates for children of Iowa farmers and non-farmers.

Chlorate poisoning in beef cattle.

Roundup intoxication and a rationale for treatment.

Acrolein inactivates paraoxonase 1: changes in free acrolein levels after hemodialysis correlate with increases in paraoxonase 1 activity in chronic renal failure patients.

Pathophysiological aspects of cyclophosphamide and ifosfamide induced hemorrhagic cystitis; implication of reactive oxygen and nitrogen species as well as PARP activation.

Comparison of the effects of the superoxide dismutase mimetics EUK-134 and tempol on paraquat-induced nephrotoxicity.

[Immunosuppressive treatment due to paraquat poisoning].

Trifluralin toxicity in a Chagas disease mouse model.

Toxicity of dimethylmonothioarsinic acid toward human epidermoid carcinoma A431 cells.

Role of MGMT in protecting against cyclophosphamide-induced toxicity in cells and animals.

Further evidence against a direct genotoxic mode of action for arsenic-induced cancer.

Arsenic-induced bladder cancer in an animal model.

Protective effects of wheat bran against diquat toxicity in male Fischer-344 rats.

Time- and dose-dependent effects of roundup on human embryonic and placental cells.

Effects of paraquat on anti-oxidant system in rats.

An unusual toxic cause of hemolytic-uremic syndrome.

Atrazine-induced aromatase expression is SF-1 dependent: implications for endocrine disruption in wildlife and reproductive cancers in humans.

Agent Orange, prostate cancer irradiation and acute promyelocytic leukemia (APL): is there a link?

Toxicity studies of butachlor to the freshwater fish *Channa punctata* (Bloch).

Urinary pentachlorophenol in painters and bricklayers in a four-years time interval after the PCP prohibition ordinance in Germany.

[Protective effect of melatonin and sodium thiosulphate on histopathology and ultrastructure of the kidney in rats with acute paraquat poisoning].

Melatonin reduces mortality and oxidatively mediated hepatic and renal damage due to diquat treatment.

Combined effects of herbicides on biomarkers reflecting immune-endocrine interactions in goldfish. Immune and antioxidant effects.

Trivalent arsenicals induce lipid peroxidation, protein carbonylation, and oxidative DNA damage in human urothelial cells.

Evaluation of alachlor herbicide impacts on Nile tilapia (*Oreochromis niloticus*) using biochemical biomarkers.

Atrazine-induced reproductive tract alterations after transplacental and/or lactational exposure in male Long-Evans rats.

Developmental toxicity evaluation of triclopyr butoxyethyl ester and triclopyr triethylamine salt in the CD rat.

Urinary alkalinisation for acute chlorophenoxy herbicide poisoning.

A fatal case of paraquat poisoning following minimal dermal exposure.

Impact of the specificity of the exposure metric on exposure-response relationships.

Reproductive effects in male rats exposed to diuron.

Urinary pesticide concentrations among children, mothers and fathers living in farm and non-farm households in Iowa.

Epidemiological and clinical investigations among employees in a former herbicide production process.

Amifostine and glutathione prevent ifosfamide- and acrolein-induced hemorrhagic cystitis.

Acute antihypertensive action of Tempol in the spontaneously hypertensive rat.

Research toward the development of a biologically based dose response assessment for inorganic arsenic carcinogenicity: a progress report.

Arsenic metabolism, genetic susceptibility, and risk of premalignant skin lesions in Bangladesh.

Acute acrolein-induced cystitis in mice.

Inhibitory effect of cinnamaldehyde, derived from *Cinnamomi* cortex, on the growth of influenza A/PR/8 virus in vitro and in vivo.

Arsenic methylation, GSTT1, GSTM1, GSTP1 polymorphisms, and skin lesions.

Evaluation of oxidative stress in D-serine induced nephrotoxicity.

A possible role of thioredoxin interacting protein in the pathogenesis of streptozotocin-induced diabetic nephropathy.

Indoxyl sulfate-lowering capacity of oral sorbents affects the prognosis of kidney function and oxidative stress in chronic kidney disease.

Antiplatelet and antithrombotic activities of essential oil from wild *Ocotea quixos* (Lam.) Kosterm. (Lauraceae) calices from Amazonian Ecuador.

Cinnamaldehyde reduction of platelet aggregation and thrombosis in rodents.

Transient receptor potential channel A1 involved in sensory transduction of rat urinary bladder through C-fiber pathway.

Assessing exposure to atrazine and its metabolites using biomonitoring.

Identification of human urinary metabolites of acetochlor in exposed herbicide applicators by high-performance liquid chromatography-tandem mass spectrometry.

Pesticide urinary metabolite levels of children in eastern North Carolina farmworker households.

Transport of paraquat by human organic cation transporters and multidrug and toxic compound extrusion family.

Tissue distribution and urinary excretion of dimethylated arsenic and its metabolites in dimethylarsinic acid- or arsenate-treated rats.

Endogenous hydrogen peroxide in paraventricular nucleus mediating cardiac sympathetic afferent reflex and regulating sympathetic activity.

Environmental Arsenic Exposure and Urinary 8-OHdG in Arizona and Sonora.

Distribution of ¹⁴C-atrazine following an acute lactational exposure in the Wistar rat.

Consumption of folate-related nutrients and metabolism of arsenic in Bangladesh.

Characterization of the uptake of organic anion transporter (OAT) 1 and OAT3 substrates by human kidney slices.

Ifosfamide toxicity in cultured proximal renal tubule cells.

Metabolic differences between two dimethylthioarsenicals in rats.

Ethanol and acetaldehyde: in vivo quantitation and effects on cholinergic function in rat brain.

Agmatine transport into spinal nerve terminals is modulated by polyamine analogs.

Effect of fasting on the pattern of urinary arsenic excretion.

Supplementation of ascorbic acid and alpha-tocopherol prevents arsenic-induced protein oxidation and DNA damage induced by arsenic in rats.

Identification of interspecies concordance of mechanisms of arsenic-induced bladder cancer.

Folate deficiency enhances arsenic effects on expression of genes involved in epidermal differentiation in transgenic K6/ODC mouse skin.

Pharmacokinetics of 3-[125I]iodo-alpha-methyl-L-tyrosine, a tumor imaging agent, after probenecid loading in mice implanted with colon cancer DLD-1 cells.

Bacterial overgrowth affects urinary proteome analysis: recommendation for centrifugation, temperature, duration, and the use of preservatives during sample collection.

Arsenic salt-induced DNA damage and expression of mutant p53 and COX-2 proteins in SV-40 immortalized human uroepithelial cells.

Antiteratogenic effects of alpha-naphthoflavone on 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposed mice in utero.

Differential effects of quercetin and silymarin on arsenite-induced cytotoxicity in two human breast adenocarcinoma cell lines.

A case of survival following high-dose sodium azide poisoning.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin alters retinoid homeostasis in maternal and perinatal tissues of the Holtzman rat.

Comparison of the cytotoxicity of the nitroaromatic drug flutamide to its cyano analogue in the hepatocyte cell line TAMH: evidence for complex I inhibition and mitochondrial dysfunction using toxicogenomic screening.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the developing male Wistar(Han) rat. II: Chronic dosing causes developmental delay.

Arsenic salts induced autophagic cell death and hypermethylation of DAPK promoter in SV-40 immortalized human uroepithelial cells.

Artificial sweeteners and salts producing a metallic taste sensation activate TRPV1 receptors.

Transplacental arsenic carcinogenesis in mice.

[Cancers and pesticides].

Selenium deficiency alters epithelial cell morphology and responses to influenza.

Elevation of 8-hydroxydeoxyguanosine and cell proliferation via generation of oxidative stress by organic arsenicals contributes to their carcinogenicity in the rat liver and bladder.

Induction of cyp1a1 is a nonspecific biomarker of aryl hydrocarbon receptor activation: results of large scale screening of pharmaceuticals and toxicants in vivo and in vitro.

Inhibition of NF-KB does not induce c-Jun N-terminal kinase-mediated apoptosis in reperfusion injury.

A battery of DNA effect biomarkers to evaluate environmental exposure of Flemish adolescents.

Some clinico and histopathological changes in female goats experimentally exposed to dioxin.

Pulmonary biomarkers based on alterations in protein expression after exposure to arsenic.

Effects of various pesticides on human 5alpha-reductase activity in prostate and LNCaP cells.

Iron therapy for renal anemia: how much needed, how much harmful?

New ligand coupling procedure for formation of an immunoadsorption wall.

Association of a polychlorinated dibenzo-p-dioxin, a polychlorinated biphenyl, and DDT with diabetes in the 1999-2002 National Health and Nutrition Examination Survey.

Clinical aspects of iron use in the anemia of kidney disease.

The aryl hydrocarbon receptor inhibits prostate carcinogenesis in TRAMP mice.

P-cresylsulphate, the main in vivo metabolite of p-cresol, activates leucocyte free radical production.

Uncoupling of oxidative phosphorylation enables *Candida albicans* to resist killing by phagocytes and persist in tissue.

Genetic polymorphisms in MTHFR 677 and 1298, GSTM1 and T1, and metabolism of arsenic.

Urinary arsenic profile affects the risk of urothelial carcinoma even at low arsenic exposure.

Arsenic methylation capability and hypertension risk in subjects living in arseniasis-hyperendemic areas in southwestern Taiwan.

[¹¹C]Vinblastine syntheses and preliminary imaging in cancer patients.

Increased excretion of glycosaminoglycans in children with urinary incontinence compared to those with monosymptomatic nocturnal enuresis.

Arsenic methylation, urinary arsenic metabolites and human diseases: current perspective.

Kidney development in the nitrofen-induced pulmonary hypoplasia and congenital diaphragmatic hernia in rats.

In vitro utilization of ferromagnetic nanoparticles in hemodialysis therapy.

The influence of exposure history on arsenic accumulation and toxicity in the killifish, *Fundulus heteroclitus*.

ATF4-dependent oxidative induction of the DNA repair enzyme Ape1 counteracts arsenite cytotoxicity and suppresses arsenite-mediated mutagenesis.

Constitutive mRNA expression of various glutathione S-transferase isoforms in different tissues of mice.

Nrf2 protects human bladder urothelial cells from arsenite and monomethylarsonous acid toxicity.

Tissue iron distribution and urinary mineral excretion vary depending on the form of iron (FeSO₄ or NaFeEDTA) and the route of administration (oral or subcutaneous) in rats given high doses of iron.

Folic acid supplementation lowers blood arsenic.

Accumulation of hypoxia-inducible factor-1 α through a novel electrophilic, thiol antioxidant-sensitive mechanism.

Comparative evaluation of biomarkers of occupational exposure to toluene.

Aryl hydrocarbon receptor splice variants in the dioxin-resistant rat: tissue expression and transactivational activity.

Interleukin-6 stimulates alpha-MG uptake in renal proximal tubule cells: involvement of STAT3, PI3K/Akt, MAPKs, and NF-kappaB.

An angiotensin II type-I receptor blocker, olmesartan medoxomil, attenuates lipid peroxidation in renal injury induced by subtotal nephrectomy.

Lack of an effect of oral iron administration on mycophenolic acid pharmacokinetics in stable renal transplant recipients.

Metabolic activation of herbal and dietary constituents and its clinical and toxicological implications: an update.

Thyroid ultrasound volume, structure and function after long-term high exposure of large population to polychlorinated biphenyls, pesticides and dioxin.

Exposure of sweepers to volatile organic compounds using urinary biological exposure index.

SCL-GFP transgenic zebrafish: in vivo imaging of blood and endothelial development and identification of the initial site of definitive hematopoiesis.

Sodium arsenite affects Na⁺ transport in the isolated skin of the toad *Pleurodema thaul*.

Intravenous versus oral iron supplementation in peritoneal dialysis patients.

Overexpression of thioredoxin1 in transgenic mice suppresses development of diabetic nephropathy.

[Estimation of urinary diacetylspermine in Yusho patients].

HPLC-ICP-MS speciation analysis of arsenic in urine of Japanese subjects without occupational exposure.

MRP2 and acquired tolerance to inorganic arsenic in the kidney of killifish (*Fundulus heteroclitus*).

Reproductive functions and hypothalamic catecholamines in response to the soil fumigant metam sodium: adaptations to extended exposures.

[Relationship between 5,10-methylenetetrahydrofolate reductase genetic polymorphism and arsenic metabolism].

Urinary arsenic metabolites in children and adults exposed to arsenic in drinking water in Inner Mongolia, China.

[Physiological significance of metallothionein in oxidative stress].

Concentration and distribution of dioxins and related compounds in human tissues.

Human urine certified reference material CZ 6010: creatinine and toluene metabolites (hippuric acid and o-cresol) and a benzene metabolite (phenol).

Tissue residues, metabolism, and excretion of radiolabeled sodium chlorate (Na[³⁶Cl]O₃) in rats.

Angiotensin II inhibits the ROMK-like small conductance K channel in renal cortical collecting duct during dietary potassium restriction.

Cigarette smoking as a risk factor for atherosclerosis and renal disease: novel pathogenic insights.

Superior dialytic clearance of beta2 microglobulin and p-cresol by high-flux hemodialysis as compared to peritoneal dialysis.

Comparative developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the hamster, rat and guinea pig.

Vitamin E supplementation protects oxidative stress during arsenic and fluoride antagonism in male mice.

Use of model-based compartmental analysis to study vitamin A kinetics and metabolism.

Biomarkers for oxidative stress: clinical application in pediatric medicine.

Effects of combined administration of captopril and DMSA on arsenite induced oxidative stress and blood and tissue arsenic concentration in rats.

Comparison between urinary o-cresol and toluene as biomarkers of toluene exposure.

Effects of Lactobacillus casei Shirota, Bifidobacterium breve, and oligofructose-enriched inulin on colonic nitrogen-protein metabolism in healthy humans.

Diquat induces renal proximal tubule injury in glutathione reductase-deficient mice.

Adverse effects of herbicide MCPA on dogs in a 90 day toxicological study.

Aryloxoalcanoic compounds induce resistance to antibiotic therapy in urinary tract infection caused by Escherichia coli.

Relationship between body iron stores and diquat toxicity in male Fischer-344 rats.

A model of hemorrhagic cystitis induced with acrolein in mice.

Effect of the food flavour cinnamaldehyde on the antioxidant status of rat kidney.

Single high dose dexamethasone treatment decreases the pathological score and increases the survival rate of paraquat-intoxicated rats.

A case of acute sodium chlorate self-poisoning successfully treated without conventional therapy.

Paraquat-induced gene expression in rat kidney.

Investigation of cancer occurrences associated with an herbicide manufacturing facility.

Three controversial issues in extracorporeal toxin removal.

Cancer incidence among pesticide applicators exposed to cyanazine in the agricultural health study.

Cancer and occupational exposure to pentachlorophenol and tetrachlorophenol (Canada).

Effects of Diuron [3-(3,4-dichlorophenyl)-1,1-dimethylurea] on the urinary bladder of male Wistar rats.

Acute paraquat poisoning: report of a survival case following intake of a potential lethal dose.

Antimutagenic effect of neem leaves extract in freshwater fish, *Channa punctatus* evaluated by cytogenetic tests.

Cancer incidence among pesticide applicators exposed to metolachlor in the Agricultural Health Study.

Respiratory distress, pneumonic changes on chest X-ray, hypoxaemia, oral candidiasis in a homosexual male: not always *Pneumocystis carinii* pneumonia.

Dimethylarsinic acid: results of chronic toxicity/oncogenicity studies in F344 rats and in B6C3F1 mice.

Effects of pentachlorophenol on the reproduction of Japanese medaka (*Oryzias latipes*).

Tamoxifen protect against hydroxyl radical generation induced by phenelzine in rat striatum.

Effects of paraquat on the freshwater fish *Channa punctata* (Bloch): non-enzymatic antioxidants as biomarkers of exposure.

Prostate cancer in US Air Force veterans of the Vietnam war.

Methylated arsenicals: the implications of metabolism and carcinogenicity studies in rodents to human risk assessment.

A comparative study of the sub-chronic toxic effects of three organic arsenical compounds on the urothelium in F344 rats; gender-based differences in response.

Can early hemodialysis affect the outcome of the ingestion of glyphosate herbicide?

Polyamines in renal failure.

Contrasting genome-wide distribution of 8-hydroxyguanine and acrolein-modified adenine during oxidative stress-induced renal carcinogenesis.

Effect of plasma homocysteine level and urinary monomethylarsonic acid on the risk of arsenic-associated carotid atherosclerosis.

Nonpersistent pesticide exposure self-report versus biomonitoring in farm pesticide applicators.

[Physiological functions of polyamines and regulation of polyamine content in cells].

Tissue distribution of lipid peroxidation product acrolein in human colon carcinogenesis.

Lisinopril ameliorates paraquat-induced lung fibrosis.

Effects of arsenic exposure among semiconductor workers: a cautionary note on urinary 8-oxo-7,8-dihydro-2'-deoxyguanosine.

An oral adsorbent, AST-120, suppresses oxidative stress in uremic rats.

Acrolein generation stimulates hypercontraction in isolated human blood vessels.

Cinnamaldehyde induces endothelium-dependent and -independent vasorelaxant action on isolated rat aorta.

Evaluation of a urinary multi-parameter biomarker set for oxidative stress in children, adolescents and young adults.

Contractile mechanisms coupled to TRPA1 receptor activation in rat urinary bladder.

Cytosolic and localized inhibition of phosphodiesterase by atrazine in swine tissue homogenates.

Metabolic profile in workers occupationally exposed to arsenic: role of GST polymorphisms.

Distribution of urinary selenium and arsenic among pregnant women exposed to arsenic in drinking water.

Chloroacetaldehyde- and acrolein-induced death of human proximal tubule cells.

Anthropometric and metabolic factors and risk of benign prostatic hyperplasia: a prospective cohort study of Air Force veterans.

Binding and activation of the seven-transmembrane estrogen receptor GPR30 by environmental estrogens: a potential novel mechanism of endocrine disruption.

[Current progress in animal models of arsenic carcinogenesis].

Serum dioxin, testosterone, and subsequent risk of benign prostatic hyperplasia: a prospective cohort study of Air Force veterans.

Folate and arsenic metabolism: a double-blind, placebo-controlled folic acid-supplementation trial in Bangladesh.

Environmental arsenic exposure and sputum metalloproteinase concentrations.

Localization of cytochrome P450 1A1 in a specific region of hydronephrotic kidney of rat neonates lactationally exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Carcinogenicity of "non-dioxinlike" polychlorinated biphenyls.

Interferon-gamma plays protective roles in sodium arsenite-induced renal injury by up-regulating intrarenal multidrug resistance-associated protein 1 expression.

The uremic solute p-cresol decreases leukocyte transendothelial migration in vitro.

Aqueous extract of *Trigonella foenum-graecum* L. ameliorates additive urotoxicity of buthionine sulfoximine and cyclophosphamide in mice.

The therapeutic effect of tissue cultured root of wild *Panax ginseng* C.A. Mayer on spermatogenic disorder.

Epigenetic inactivation of the dioxin-responsive cytochrome P4501A1 gene in human prostate cancer.

Decreased nitric oxide production in the rat brain after chronic arsenic exposure.

Superior dialytic clearance of beta(2)-microglobulin and p-cresol by high-flux hemodialysis as compared to peritoneal dialysis.

The constitutively active Ah receptor (CA-Ahr) mouse as a potential model for dioxin exposure--effects in vital organs.

For dioxin-induced birth defects, mouse or human CYP1A2 in maternal liver protects whereas mouse CYP1A1 and CYP1B1 are inconsequential.

Dioxin exposure and benign prostatic hyperplasia.

Inhibition of HER-2(neu/ErbB2) restores normal function and structure to polycystic kidney disease (PKD) epithelia.

[Development of invasive urinary bladder carcinomas].

A potential endogenous ligand for the aryl hydrocarbon receptor has potent agonist activity in vitro and in vivo.

Adsorption of the uremic toxin p-cresol onto hemodialysis membranes and microporous adsorbent zeolite silicalite.

[Effect of prepared Polygonum multiflorum on striatum extracellular acetylcholine and choline in rats of intracerebral perfusion with sodium azide].

NTP technical report on the toxicology and carcinogenesis studies of 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (Gavage studies).

Review and meta-analysis of risk estimates for prostate cancer in pesticide manufacturing workers.

Effect of Centella asiatica on arsenic induced oxidative stress and metal distribution in rats.

Differential transcriptional regulation by mouse single-minded 2s.

NADPH oxidase in the renal medulla causes oxidative stress and contributes to salt-sensitive hypertension in Dahl S rats.

The early embryo loss caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin may be related to the accumulation of this compound in the uterus.

Kidney failure and the gut: p-cresol and the dangers from within.

Free serum concentrations of the protein-bound retention solute p-cresol predict mortality in hemodialysis patients.

Elevation of circulating endothelial microparticles in patients with chronic renal failure.

The teratogenic sensitivity to 2,3,7,8-tetrachlorodibenzo-p-dioxin is modified by a locus on mouse chromosome 3.

System level metabolic effects of a Schistosoma japonicum infection in the Syrian hamster.

Congenital diaphragmatic hernia prevents absorption of distal air space fluid in late-gestation rat fetuses.

Occupational exposure to toluene and its possible causative role in renal damage development in shoe workers.

Biosynthesis of ¹⁴C-phytoene from tomato cell suspension cultures (*Lycopersicon esculentum*) for utilization in prostate cancer cell culture studies.

Control selection and pesticide exposure assessment via GIS in prostate cancer studies.

Genetic differences in lethality of newborn mice treated in utero with coplanar versus non-coplanar hexabromobiphenyl.

The citrus flavonoid naringenin stimulates DNA repair in prostate cancer cells.

Chloroacetaldehyde as a sulfhydryl reagent: the role of critical thiol groups in ifosfamide nephropathy.

A randomized controlled trial of oral versus intravenous iron in chronic kidney disease.

Possible beneficial effects of melatonin supplementation on arsenic-induced oxidative stress in Wistar rats.

Small molecule inhibitors of lysozyme amyloid aggregation.

Arsenic exposure in Hungary, Romania and Slovakia.

Effects of caffeine, halothane, and 4-chloro-m-cresol on skeletal muscle lactate and pyruvate in malignant hyperthermia-susceptible and normal swine as assessed by microdialysis.

Hemodialysis reduces inhibitory effect of plasma ultrafiltrate on LDL oxidation and subsequent endothelial reactions.

Understanding dioxin developmental toxicity using the zebrafish model.

Quantification of urinary allantoin by capillary zone electrophoresis during recombinant urate oxydase (rasburicase) therapy.

Sex and congenital diaphragmatic hernia.

Altered renin-angiotensin system gene expression causes renal hypoplasia in the rats with nitrofen-induced diaphragmatic hernia.

Induction of cytochrome P450-1A by the equine estrogen equilenin, a new endogenous aryl hydrocarbon receptor ligand.

Inhibition of MAPK stimulates the Ca²⁺ -dependent big-conductance K channels in cortical collecting duct.

Association between the levels of biogenic amines and superoxide anion production in brain regions of rats after subchronic exposure to TCDD.

The influence of inulin on the absorption of nitrogen and the production of metabolites of protein fermentation in the colon.

Serum dioxin-like activity is associated with reproductive parameters in young men from the general Flemish population.

Liver glycogen bodies: ground-glass hepatocytes in transplanted patients.

Deletion and single nucleotide substitution at G:C in the kidney of gpt delta transgenic mice after ferric nitrilotriacetate treatment.

Mitogen-activated protein kinases inhibit the ROMK (Kir 1.1)-like small conductance K channels in the cortical collecting duct.

Examination of the expression of the heat shock protein gene, hsp110, in *Xenopus laevis* cultured cells and embryos.

Toxicology and carcinogenesis studies of a mixture of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (Cas No. 1746-01-6), 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4), and 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) in female Harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4) in female Harlan Sprague-Dawley rats (gavage studies).

Effect of sodium azide on the metabolic activity of cultured fetal cells.

Results of a long-term carcinogenicity bioassay on Sprague-Dawley rats exposed to sodium arsenite administered in drinking water.

Effect of physical exertion on the biological monitoring of exposure of various solvents following exposure by inhalation in human volunteers: I. Toluene.

Effects of xenobiotics and steroids on renal and hepatic estrogen metabolism in lake trout.

Effects of individual and combined exposure to sodium arsenite and sodium fluoride on tissue oxidative stress, arsenic and fluoride levels in male mice.

Anti-androgenic activity of 3-methyl-4-nitrophenol in diesel exhaust particles.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (gavage studies).

Improved methods for urinary atrazine mercapturate analysis--assessment of an enzyme-linked immunosorbent assay (ELISA) and a novel liquid chromatography-mass spectrometry (LC-MS) method utilizing online solid phase extraction (SPE).

Differences in tumor-associated protein levels among middle-age Flemish women in association with area of residence and exposure to pollutants.

Chemical modification at subunit 1 of rat kidney Alpha class glutathione transferase with 2,3,5,6-tetrachloro-1,4-benzoquinone: close structural connectivity between glutathione conjugation activity and non-substrate ligand binding.

Toluene toxicokinetics and metabolism parameters in the rat and guinea pig.

Biomonitoring human exposure to organohalogenated substances by measuring urinary chlorophenols using a high-throughput screening (HTS) immunochemical method.

Cytochrome P4501A is induced in endothelial cell lines from the kidney and lung of the bottlenose dolphin, *Tursiops truncatus*.

Human sulphotransferases are involved in the activation of aristolochic acids and are expressed in renal target tissue.

Effects of chronic exposure to sodium arsenite on hypothalamo-pituitary-testicular activities in adult rats: possible an estrogenic mode of action.

[Resorption and tolerance of the high doses of ferrous sulfate and ferrous gluconate in the patients on peritoneal dialysis].

Urinary oxidative stress markers in young patients with type 1 diabetes.

Functional changes in bladder tissue from type III collagen-deficient mice.

Negative association between serum dioxin level and oxidative DNA damage markers in municipal waste incinerator workers.

The chlorinated AHR ligand 3,3',4,4',5-pentachlorobiphenyl (PCB126) promotes reactive oxygen species (ROS) production during embryonic development in the killifish (*Fundulus heteroclitus*).

The Relationship Between Noncoplanar PCB-Induced Immunotoxicity and Hepatic CYP1A Induction in a Fish Model.

Co-administration of zinc and n-acetylcysteine prevents arsenic-induced tissue oxidative stress in male rats.

Association between marijuana use and transitional cell carcinoma.

Induction of beta3-adrenergic receptor functional expression following chronic stimulation with noradrenaline in neonatal rat cardiomyocytes.

Gene expression profiling of responses to dimethylarsinic acid in female F344 rat urothelium.

Antioxidant and hepatoprotective effects of *Eucalyptus maculata*.

Applicator exposure to acetochlor based on biomonitoring.

Effects of 2,4-D and DCP on the DHT-induced androgenic action in human prostate cancer cells.

Farm Family Exposure Study: methods and recruitment practices for a biomonitoring study of pesticide exposure.

Toxicokinetics of 14C-atrazine and its metabolites in stage-66 *Xenopus laevis*.

Effect of 2,4-dichlorophenoxyacetic acid on the activities of some metabolic enzymes for generating pyridine nucleotide pool of cells from mouse liver.

Influence of dissolved organic matter from waste material on the phytotoxicity and environmental fate of triflurosulfuron methyl.

Paraquat-induced Fanconi syndrome.

Mechanism of acrolein-induced vascular toxicity.

A slowly developing dysfunction of dopaminergic nigrostriatal neurons induced by long-term paraquat administration in rats: an animal model of preclinical stages of Parkinson's disease?

High blood pressure is one of the symptoms of paraquat-induced toxicity in rats.

Acute arsenic poisoning in two siblings.

Sustained exposure to the widely used herbicide atrazine: altered function and loss of neurons in brain monoamine systems.

The comparative toxicology of 4-chloro-2-methylphenoxyacetic acid and its plant metabolite 4-chloro-2-carboxyphenoxyacetic acid in rats.

Effects of herbicide on the kidneys of two Venezuelan cultured fish: *Caquetaia kraussii* and *Colossoma macropomum* (Pisces: Ciclidae and Characeae).

Use of comet and micronucleus assays to measure genotoxicity in meadow voles (*Microtus pennsylvanicus*) living in golf course ecosystems exposed to pesticides.

A risk assessment of atrazine use in California: human health and ecological aspects.

Determination of biological reference values for chlorpyrifos metabolites in human urine using a toxicokinetic approach.

Acute exposure to molinate alters neuroendocrine control of ovulation in the rat.

Effects of co-administration of antioxidants and arsenicals on the rat urinary bladder epithelium.

Biomonitoring for farm families in the farm family exposure study.

Transforming growth factor-beta1 upregulation is independent of angiotensin in paraquat-induced lung fibrosis.

Nonosmotic release of vasopressin and renal aquaporins in impaired urinary dilution in hypothyroidism.

Doxorubicin increases intracellular hydrogen peroxide in PC3 prostate cancer cells.

Arsenic exposure, urinary arsenic speciation, and peripheral vascular disease in blackfoot disease-hyperendemic villages in Taiwan.

Acrolein modifies apolipoprotein A-I in the human artery wall.

Influence of atrazine administration and reduction of calorie intake on prostate carcinogenesis in probasin/SV40 T antigen transgenic rats.

Urinary trivalent methylated arsenic species in a population chronically exposed to inorganic arsenic.

Folate, homocysteine, and arsenic metabolism in arsenic-exposed individuals in Bangladesh.

Effects of gpx4 haploid insufficiency on GPx4 activity, selenium concentration, and paraquat-induced protein oxidation in murine tissues.

Adaptive response of antioxidant enzymes to catalase inhibition by aminotriazole in goldfish liver and kidney.

Investigation of the accumulation of 2,4-dichlorophenoxyacetic acid (2,4-D) in rat kidneys.

Identification of rat urinary and fecal metabolites of a new herbicide, pyribenzoxim.

Worker exposures to triclopyr: risk assessment through measurements in urine samples.

Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in mice following acute oral administration of arsenate.

Inhibition of acetaldehyde metabolism decreases acetylcholine release in medial frontal cortex of freely moving rats.

Urinary 3,5,6-trichloro-2-pyridinol levels of chlorpyrifos in Nicaraguan applicators and small farm families.

Tissue distribution of arsenic species in rabbits after single and multiple parenteral administration of arsenic trioxide: tissue accumulation and the reversibility after washout are tissue-selective.

Tissue, species, and environmental differences in absolute quantities of murine mRNAs coding for alpha, mu, omega, pi, and theta glutathione S-transferases.

Molecular events associated with arsenic-induced malignant transformation of human prostatic epithelial cells: aberrant genomic DNA methylation and K-ras oncogene activation.

Aryl hydrocarbon exposure induces expression of MMP-9 in human prostate cancer cell lines.

Uncoupling of oxidative phosphorylation prevents the urinary alcohol level cycling caused by feeding ethanol continuously at a constant rate.

Endemic nephropathy: the case for chronic poisoning by aristolochia.

Paradoxical effects of green tea (*Camellia sinensis*) and antioxidant vitamins in diabetic rats: improved retinopathy and renal mitochondrial defects but deterioration of collagen matrix glycoxidation and cross-linking.

Effects of arsenite on cell cycle progression in a human bladder cancer cell line.

Fryns syndrome without diaphragmatic hernia. Report on a new case and review of the literature.

The epidemiology of pesticide exposure and cancer: A review.

[Effects of Tianzhi Keli on extracellular acetylcholine and catecholamine levels in striatum of rats with neuromitochondrial impairment].

Erythrocyte susceptibility to oxidative stress in chronic renal failure patients under different substitutive treatments.

Comparative susceptibility of newborn and young rats to six industrial chemicals.

A randomized, controlled trial comparing IV iron sucrose to oral iron in anemic patients with nondialysis-dependent CKD.

Effects of dietary zinc and iron supplementation on mineral excretion, body composition, and mineral status of nursery pigs.

Hypothyroidism attenuates protein tyrosine nitration, oxidative stress and renal damage induced by ischemia and reperfusion: effect unrelated to antioxidant enzymes activities.

Darbepoetin alfa treatment for post-renal transplantation anemia during pregnancy.

Assay of the synthetic estrogen fosfestrol in pharmaceutical formulations using capillary electrophoresis.

Time profiles of peritoneal and renal clearances of different uremic solutes in incident peritoneal dialysis patients.

Lecozotan (SRA-333): a selective serotonin 1A receptor antagonist that enhances the stimulated release of glutamate and acetylcholine in the hippocampus and possesses cognitive-enhancing properties.

Genomic damage and circulating AGE levels in patients undergoing daily versus standard haemodialysis.

Cytochrome P450 1B1 is overexpressed and regulated by hypomethylation in prostate cancer.

Repeated in utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure affects male gonads in offspring, leading to sex ratio changes in F2 progeny.

Monitoring of hematological, inflammatory and oxidative reactions to acute oral iron exposure in human volunteers: preliminary screening for selection of potentially-responsive biomarkers.

Gas chromatographic-mass spectrometric analysis for measurement of p-cresol and its conjugated metabolites in uremic and normal serum.

In utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure: effects on the prostate and its response to castration in senescent C57BL/6J mice.

Glycation of mitochondrial proteins from diabetic rat kidney is associated with excess superoxide formation.

Determination of uric acid and p-aminohippuric acid in human saliva and urine using capillary electrophoresis with electrochemical detection: potential application in fast diagnosis of renal disease.

Carbamylated low-density lipoprotein induces death of endothelial cells: a link to atherosclerosis in patients with kidney disease.

Direct effect of plasma permeability factors from patients with idiopathic FSGS on nephrin and podocin expression in human podocytes.

One agent, many diseases: exposure-response data and comparative risks of different outcomes following silica exposure.

NF-kappaB and not the MAPK signaling pathway regulates GADD45beta expression during acute inflammation.

High susceptibility of human c-Ha-ras proto-oncogene transgenic rats to carcinogenesis: a cancer-prone animal model.

Common viral infection affects pentabrominated diphenyl ether (PBDE) distribution and metabolic and hormonal activities in mice.

Localization of cytochrome P450 CYP2S1 expression in human tissues by in situ hybridization and immunohistochemistry.

Organic anion transporter (Slc22a) family members as mediators of toxicity.

Did TCDD exposure or service in Southeast Asia increase the risk of cancer in air force Vietnam veterans who did not spray agent orange?

Rubidium-87 magnetic resonance spectroscopy and imaging for analysis of mammalian K⁺ transport.

Intracellular localization of Xenopus small heat shock protein, hsp30, in A6 kidney epithelial cells.

Prospective protective role of melatonin against arsenic-induced metabolic toxicity in Wistar rats.

Co-mutagenic activity of arsenic and benzo[a]pyrene in mouse skin.

Analysis of urinary biomarkers for exposure to alkyl benzenes by isotope dilution gas chromatography-mass spectrometry.

Neurobehavioural evaluation and kinetics of inhalation of constant or fluctuating toluene concentrations in human volunteers.

Function of nuclear sex hormone receptors in gene regulation.

Mineralocorticoids decrease the activity of the apical small-conductance K channel in the cortical collecting duct.

Removal of P-cresol sulfate by hemodialysis.

Dose-dependent liver regeneration in chloroform, trichloroethylene and allyl alcohol ternary mixture hepatotoxicity in rats.

Urinary and hand wipe pesticide levels among farmers and nonfarmers in Iowa.

Endogenous vascular hydrogen peroxide regulates arteriolar tension in vivo.

Tissue dosimetry, metabolism and excretion of pentavalent and trivalent monomethylated arsenic in mice after oral administration.

Contrasting contribution of 5-hydroxytryptamine 1A receptor activation to neurochemical profile of novel antipsychotics: frontocortical dopamine and hippocampal serotonin release in rat brain.

Current and emerging challenges in toxicopathology: carcinogenic threshold of phenobarbital and proof of arsenic carcinogenicity using rat medium-term bioassays for carcinogens.

Endothelin-1-induced contraction in veins is independent of hydrogen peroxide.

Application of a dialysis sampler to monitor phytoremediation processes.

Altered retinoid metabolism in female Long-Evans and Han/Wistar rats following long-term 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treatment.

The development of a physiologically-based pharmacokinetic model using the distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the tissues of the eastern oyster (*Crassostrea virginica*).

Protein carbonyls: novel biomarkers of exposure to oxidative stress-inducing pesticides in freshwater fish *Channa punctata* (Bloch).

Effects of dioxin on metabolism of estrogens in waste incinerator workers.

Concentrations of persistent organochlorine contaminants in bowhead whale tissues and other biota from northern Alaska: implications for human exposure from a subsistence diet.

Quantification of phenolic metabolites of environmental chemicals in human urine using gas chromatography-tandem mass spectrometry and isotope dilution quantification.

Tissue distribution, elimination, and metabolism of dietary sodium [³⁶Cl]chlorate in beef cattle.

Evaluation of immuno- and reproductive toxicities and association between immunotoxicological and genotoxicological parameters in waste incineration workers.

Small interference RNA-mediated gene silencing of human biliverdin reductase, but not that of heme oxygenase-1, attenuates arsenite-mediated induction of the oxygenase and increases apoptosis in 293A kidney cells.

Noradrenaline involvement in the memory-enhancing effects of exposure to a complex rhythm stimulus following discriminated passive avoidance training in the young chick.

Ascorbic acid and alpha-tocopherol as potent modulators of apoptosis on arsenic induced toxicity in rats.

[Evaluation of the iron bioavailability from meals prepared with lentil (*Lens esculenta*) or with white kidney bean seeds (*Phaseolus vulgaris*) in anemic rats].

Paired cysteine mutagenesis to establish the pattern of disulfide bonds in the functional intact secretin receptor.

Determination of urinary ortho- and meta-cresol in humans by headspace SPME gas chromatography/mass spectrometry.

Effect of testosterone and steroids homologues on indolamines and lipid peroxidation in rat brain.

Caffeine induced Ca²⁺ release and capacitative Ca²⁺ entry in human embryonic kidney (HEK293) cells.

MRP-1 expression levels determine strain-specific susceptibility to sodium arsenic-induced renal injury between C57BL/6 and BALB/c mice.

Exposure to pesticides increases levels of uPA and uPAR in pre-malignant human prostate cells.

Comparison of atomic absorption and fluorescence spectroscopic methods for the routine determination of urinary arsenic.

Effects of TCDD and estradiol-17beta on the proliferation and Na⁺/glucose cotransporter in renal proximal tubule cells.

HPLC based method using sample precolumn cleanup for the determination of triazines and thiolcarbamates in hemodialysis saline solutions.

Maternal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin and the body burden in offspring of long-evans rats.

Effects of N-acetylcysteine, quercetin, and phytic acid on spontaneous hepatic and renal lesions in LEC rats.

Cytochrome p4501a induced differentially in endothelial cells cultured from different organs of *Anguilla rostrata*.

Synthesis and characterization of EADAM: a selective radioligand for mapping the brain serotonin transporters by positron emission tomography.

Hepatocyte-targeted nuclear imaging using ^{99m}Tc-galactosylated chitosan: conjugation, targeting, and biodistribution.

Comparison of arsenic levels in fingernails with urinary As species as biomarkers of arsenic exposure in residents living close to a coal-burning power plant in Prievidza District, Slovakia.

The relationship of urinary metabolites of carbaryl/naphthalene and chlorpyrifos with human semen quality.

Failure of ethanol and acetaldehyde to alter in vivo norepinephrine release in the striatum and hippocampus of rats.

Herbicide critic dropped from pollution conference.

Prion protein protects against DNA damage induced by paraquat in cultured cells.

Cancer incidence among pesticide applicators exposed to atrazine in the Agricultural Health Study.

Mitogenic and cytotoxic effects of pentachlorophenol to AML 12 mouse hepatocytes.

Microbial metabolite of dimethylarsinic acid is highly toxic and genotoxic.

Metallothionein (I/II) suppresses genotoxicity caused by dimethylarsinic acid.

Comparative inter-species pharmacokinetics of phenoxyacetic acid herbicides and related organic acids. evidence that the dog is not a relevant species for evaluation of human health risk.

Comparison of anti-androgenic activity of flutamide, vinclozolin, procymidone, linuron, and p, p'-DDE in rodent 10-day Hershberger assay.

Mammalian toxicology overview and human risk assessment for sulfosulfuron.

Attenuation of paraquat-induced motor behavior and neurochemical disturbances by L-valine in vivo.

Herbicide exposure and the risk of transitional cell carcinoma of the urinary bladder in Scottish Terriers.

A nested case-control study of prostate cancer and atrazine exposure.

Association between Agent Orange and prostate cancer: a pilot case-control study.

Cancer in US Air Force veterans of the Vietnam War.

Carbonyl stress and detoxification ability in the male genital tract and testis of rats.

Physiologically based pharmacokinetic modeling of arsenic in the mouse.

Glyphosate poisoning.

Poisoning due to chlorophenoxy herbicides.

Genotoxicity evaluation of pesticide formulations containing alachlor and atrazine in multiple mouse tissues (blood, kidney, liver, bone marrow, spleen) by comet assay.

Tissue-specific oxidative stress responses in fish exposed to 2,4-D and azinphosmethyl.

Protective role of metallothionein (I/II) against pathological damage and apoptosis induced by dimethylarsinic acid.

Anandamide-evoked activation of vanilloid receptor 1 contributes to the development of bladder hyperreflexia and nociceptive transmission to spinal dorsal horn neurons in cystitis.

Arsenic drinking water exposure and urinary excretion among adults in the Yaqui Valley, Sonora, Mexico.

Possible mechanism for medial smooth muscle cell injury in diabetic nephropathy: glycooxidation-mediated local complement activation.

Activities of UDP-glucuronyltransferase, beta-glucuronidase and deiodinase types I and II in hyper- and hypothyroid rats.

The renal-specific transporter mediates facilitative transport of organic anions at the brush border membrane of mouse renal tubules.

Identification and functional assessment of the novel murine organic anion transporter Oat5 (Slc22a19) expressed in kidney.

Oxidative stress in neonates: evaluation using specific biomarkers.

Monitoring of urinary acrolein concentration in patients receiving cyclophosphamide and ifosfamide.

Molecular determinants of differential pore blocking of kidney CLC-K chloride channels.

Ethanol but not acetaldehyde induced changes in brain taurine: a microdialysis study.

Investigations of pharmacologic properties of the renal CLC-K1 chloride channel co-expressed with barttin by the use of 2-(p-Chlorophenoxy)propionic acid derivatives and other structurally unrelated chloride channels blockers.

Absorption, distribution, metabolism and excretion of 4-chloro-2-methylphenoxyacetic acid (MCPA) in rats.

Impairment of small intestinal protein assimilation in patients with end-stage renal disease: extending the malnutrition-inflammation-atherosclerosis concept.

Cancer cluster investigations: use of a hybrid approach in a rural county.

The induction of cell cycle regulatory and DNA repair proteins in cisplatin-induced acute renal failure.

Adult 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure and effects on male reproductive organs in three differentially TCDD-susceptible rat lines.

Protective activity of hesperidin and lipoic acid against sodium arsenite acute toxicity in mice.

Reduction of the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice using an antiulcer drug, geranylgeranylacetone.

Male reproductive toxicity of sodium arsenite in mice.

Arsenic and urinary bladder cell proliferation.

Evidence that arsenite acts as a cocarcinogen in skin cancer.

Animal models for arsenic carcinogenesis: inorganic arsenic is a transplacental carcinogen in mice.

Understanding arsenic carcinogenicity by the use of animal models.

Removal of the protein-bound solute p-cresol by convective transport: a randomized crossover study.

The topical application of 2,3,7,8-tetrachlorodibenzo-p-dioxin lacks skin tumor-promoting potency but induces hepatic injury and tumor necrosis factor-alpha expression in ICR male mice.

A maternal Ahr null genotype sensitizes embryos to chemical teratogenesis.

[Toxicological significance of metallothionein on environmental harmful factors: verification and suggestions from a metallothionein-I/II null mouse model study].

Intravesical resiniferatoxin decreases spinal c-fos expression and increases bladder volume to reflex micturition in rats with chronic inflamed urinary bladders.

P-cresol, a uremic retention solute, alters the endothelial barrier function in vitro.

Pattern of male reproductive system effects after in utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure in three differentially TCDD-sensitive rat lines.

Endocrine disrupting pesticides: a leading cause of cancer among rural people in Pakistan.

Ferrous sulfate does not affect mycophenolic acid pharmacokinetics in kidney transplant patients.

Minocycline up-regulates Bcl-2 and protects against cell death in mitochondria.

Effects of epidermal growth factor receptor deficiency and 2,3,7,8-tetrachlorodibenzo-p-dioxin on fetal development in mice.

Protective effect of N-acetylcysteine against arsenic-induced depletion in vivo of carbohydrate.

Cyp1a1(-/-) male mice: protection against high-dose TCDD-induced lethality and wasting syndrome, and resistance to intrahepatocyte lipid accumulation and uroporphyrin.

BMK1 is activated in glomeruli of diabetic rats and in mesangial cells by high glucose conditions.

Protective effect of methionine supplementation on arsenic-induced alteration of glucose homeostasis.

Identification of aryl hydrocarbon receptor as a putative Wnt/beta-catenin pathway target gene in prostate cancer cells.

In utero pesticide exposure, maternal paraoxonase activity, and head circumference.

Tissue-specific effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the activity of 5'-deiodinases I and II in rats.

Water permeability and TCDD-induced edema in zebrafish early-life stages.

A stone farm: development of a method for simultaneous production of multiple calcium oxalate stones in vitro.

Liquid growth hormone: preservatives and buffers.

Treatment of iron deficiency anemia with Ferro-Folgamma.

Coronary artery bypass grafting in a dialysis-dependent Jehovah's Witness.

Aryl hydrocarbon receptor-mediated inhibition of LNCaP prostate cancer cell growth and hormone-induced transactivation.

Stimulation of NHE3 in OKP cells by an autocrine mechanism.

Role of stromal-epithelial interactions in hormonal responses.

BRCA1 induces antioxidant gene expression and resistance to oxidative stress.

Contraction augments L-type Ca²⁺ currents in adherent guinea-pig cardiomyocytes.

C-reactive protein-induced in vitro vasorelaxation is an artefact caused by the presence of sodium azide in commercial preparations.

Identification of the growth hormone-releasing peptide binding site in CD36: a photoaffinity cross-linking study.

Exponential modeling, washout curve reconstruction, and estimation of half-life of toluene and its metabolites.

Signaling mechanisms mediated by G-protein coupled receptors in human platelets.

2,3,7,8-tetrachlorodibenzo-p-dioxin inhibits prostatic epithelial bud formation by acting directly on the urogenital sinus.

The human CYP1A1 gene is regulated in a developmental and tissue-specific fashion in transgenic mice.

Dual effect of insulin-like growth factor on the apical 70-pS K channel in the thick ascending limb of rat kidney.

Evidence that inhibited prostatic epithelial bud formation in 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed C57BL/6J fetal mice is not due to interruption of androgen signaling in the urogenital sinus.

[Indices of oxidative stress. 1. TBA-reactive substances and carbonylproteins].

Chlorophenol exposure in harbor workers exposed to river silt aerosols.

Protein tyrosine kinase is expressed and regulates ROMK1 location in the cortical collecting duct.

Epidermal growth factor inhibits 14C-alpha-methyl-D-glucopyranoside uptake in renal proximal tubule cells: involvement of PLC/PKC, p44/42 MAPK, and cPLA2.

Effect of manidipine on gene expression and protein level of oxidative stress-related proteins: p22phox and HO-1: relevance for antihypertensive and anti-remodeling effects.

Aryl hydrocarbon receptors in urogenital sinus mesenchyme mediate the inhibition of prostatic epithelial bud formation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Modulation of intestinal P-glycoprotein function by cremophor EL and other surfactants by an in vitro diffusion chamber method using the isolated rat intestinal membranes.

Signaling cascade of ANG II-induced inhibition of alpha-MG uptake in renal proximal tubule cells.

Quantitative analysis of cresol and its metabolites in biological materials and distribution in rats after oral administration.

Antimutagenicity of herbal detoxification formula Smoke Shield against environmental mutagens.

Benzylmercapturic acid is superior to hippuric acid and o-cresol as a urinary marker of occupational exposure to toluene.

Formation and urinary excretion of arsenic triglutathione and methylarsenic diglutathione.

Histological analysis of acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in zebrafish.

Toxicity, histopathological alterations and immunohistochemical CYP1A induction in the early life stages of the seabream, Sparus aurata, following waterborne exposure to B(a)P and TCDD.

Toxicokinetic and genomic analysis of chronic arsenic exposure in multidrug-resistance mdr1a/1b(-/-) double knockout mice.

Transport of 99mTc-MAG3 via rat renal organic anion transporter 1.

Toxic nephropathy: environmental chemicals.

Biochemical and histopathological effects of glyphosate herbicide on Nile tilapia (Oreochromis niloticus).

Protective effect of 3-methyl-1-phenyl-2-pyrazolin-5-one, a free radical scavenger, on acute toxicity of paraquat in mice.

Determination of the herbicide glyphosate and its metabolite in biological specimens by gas chromatography-mass spectrometry. A case of poisoning by roundup herbicide.

MacLennan et al report on an elevated incidence of prostate cancer among workers in a triazine manufacturing plant.

The restriction of all minerals in the diet enhancing paraquat toxicity is regarded primarily as the shortage of Mg.

Effect of haemoperfusion on plasma paraquat concentration in vitro and in vivo.

Carcinogenicity of dimethylarsinic acid in p53 heterozygous knockout and wild-type C57BL/6J mice.

Thirty-five cases of S-carboxymethylcysteine use in paraquat poisoning.

Inhibition of cytokine production by the herbicide atrazine. Search for nuclear receptor targets.

Paraquat and menadione exposure of rainbow trout (*Oncorhynchus mykiss*)--studies of effects on the pentose-phosphate shunt and thiamine levels in liver and kidney.

[Paraquat intoxication].

Formation of acrolein-derived 2'-deoxyadenosine adduct in an iron-induced carcinogenesis model.

Lack of modifying effects of atrazine and/or tamoxifen on thyroid carcinogenesis in rats pretreated with N-bis(2-hydroxypropyl)nitrosamine (DHPN).

Effects of dietary folate intake and folate binding protein-1 (Folbp1) on urinary speciation of sodium arsenate in mice.

Potential mechanisms responsible for chlorotriazine-induced alterations in catecholamines in pheochromocytoma (PC12) cells.

Formation of advanced glycosylation end products and oxidative stress in young patients with type 1 diabetes.

Paraquat induces long-lasting dopamine overflow through the excitotoxic pathway in the striatum of freely moving rats.

Increase in putrescine, amine oxidase, and acrolein in plasma of renal failure patients.

Arsenic methylation and bladder cancer risk in Taiwan.

Oxidative stress and altered antioxidant defenses in children with acute exacerbation of atopic dermatitis.

Acrolein produced from polyamines as one of the uraemic toxins.

Increased urinary levels of pentosidine, pyrroline and acrolein adduct in type 2 diabetes.

Arsenic speciation in the urine and hair of individuals exposed to airborne arsenic through coal-burning in Guizhou, PR China.

Role of glutathione redox cycle and catalase in defense against oxidative stress induced by endosulfan in adrenocortical cells of rainbow trout (*Oncorhynchus mykiss*).

Accumulation and metabolism of arsenic in mice after repeated oral administration of arsenate.

Urinary sulfur-containing metabolite produced by intestinal bacteria following oral administration of dimethylarsinic acid to rats.

Comparative toxicity of ifosfamide metabolites and protective effect of mesna and amifostine in cultured renal tubule cells.

[Effect of aminotriazole on the activity of catalase and glucose-6-phosphate dehydrogenase in tissues of two frog species--*Rana ridibunda* and *Rana esculenta*].

Variability in human metabolism of arsenic.

Overexpression of oxidized protein hydrolase protects COS-7 cells from oxidative stress-induced inhibition of cell growth and survival.

Sorption and dialysis experiments to assess the binding of phenolic xenobiotics to dissolved organic matter in soil.

Dose-dependent biotransformation of arsenite in rats--not S-adenosylmethionine depletion impairs arsenic methylation at high dose.

Effects of the new herbicide fentrazamide on the glucose utilization in neurons and erythrocytes in vitro.

Exposure to indoor pesticides during pregnancy in a multiethnic, urban cohort.

Induction of glutathione S-transferase placental form positive foci in liver and epithelial hyperplasia in urinary bladder, but no tumor development in male Fischer 344 rats treated with monomethylarsonic acid for 104 weeks.

Cardiac hypertrophy in aryl hydrocarbon receptor null mice is correlated with elevated angiotensin II, endothelin-1, and mean arterial blood pressure.

Removal of middle molecules and protein-bound solutes by peritoneal dialysis and relation with uremic symptoms.

Evidence for impaired assimilation of protein in chronic renal failure.

Lack of expression of EGF and TGF- α in the fetal mouse alters formation of prostatic epithelial buds and influences the response to TCDD.

Connective molecular pathways of experimental bladder inflammation.

Region-specific inhibition of prostatic epithelial bud formation in the urogenital sinus of C57BL/6 mice exposed in utero to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Aryl hydrocarbon receptor 2 mediates 2,3,7,8-tetrachlorodibenzo-p-dioxin developmental toxicity in zebrafish.

Protein-bound uremic retention solutes.

Useful interventions for intradialytic hypotension.

Specific in vivo binding to the norepinephrine transporter demonstrated with the PET radioligand, (S,S)-[11C]MeNER.

Comparative kinetics of the uremic toxin p-cresol versus creatinine in rats with and without renal failure.

The effect of ingestion of ferrous sulfate on the absorption of oral methotrexate in patients with rheumatoid arthritis.

Link between agricultural pesticides and incidence of prostate cancer.

Uptake of 5-methyltetrahydrofolate into PC-3 human prostate cancer cells is carrier-mediated.

Urinary excretion of the uraemic toxin p-cresol in the rat: contribution of glucuronidation to its metabolism.

A mixture of dioxins, furans, and non-ortho PCBs based upon consensus toxic equivalency factors produces dioxin-like reproductive effects.

Carcinogenesis and its modification by environmental endocrine disruptors: in vivo experimental and epidemiological findings.

Markers of genetic susceptibility in human environmental hygiene and toxicology: the role of selected CYP, NAT and GST genes.

Association between arsenic exposure from a coal-burning power plant and urinary arsenic concentrations in Prievidza District, Slovakia.

Distinct response to dioxin in an arylhydrocarbon receptor (AHR)-humanized mouse.

Use of agricultural pesticides and prostate cancer risk in the Agricultural Health Study cohort.

A comparative immunohistochemical study of spontaneous and chemically induced pheochromocytomas in B6C3F1 mice.

The induction of heat shock protein-72 attenuates cisplatin-induced acute renal failure in rats.

Toxicokinetics of DL-glufosinate enantiomer in human BASTA poisoning.

Studies on dialysate mixing in the Genius single-pass batch system for hemodialysis therapy.

Determination of urinary hippuric acid and o-cresol levels as biological indicators of toluene exposure in shoe-workers and glue sniffers.

Prostate cancer risk in California farm workers.

Effects of single non-ortho, mono-ortho, and di-ortho chlorinated biphenyls on cell functions and proliferation of the human prostatic carcinoma cell line, LNCaP.

Toxicity of free p-cresol: a prospective and cross-sectional analysis.

Urinary concentrating defect in hypothyroid rats: role of sodium, potassium, 2-chloride co-transporter, and aquaporins.

Erythropoietin therapy in pre-dialysis patients with chronic renal failure: lack of need for parenteral iron.

Neurokinin 1 receptors and neprilysin modulation of mouse bladder gene regulation.

Local energy depletion in the basal forebrain increases sleep.

Arsenic species excretion after dimercaptopropanesulfonic acid (DMPS) treatment of an acute arsenic trioxide poisoning.

Dual fortification of salt with iodine and microencapsulated iron: a randomized, double-blind, controlled trial in Moroccan schoolchildren.

Peroxynitrite generated in the rat spinal cord induces oxidation and nitration of proteins: reduction by Mn (III) tetrakis (4-benzoic acid) porphyrin.

Iron bioavailability and weight gains to iron-deficient rats fed a commonly consumed Tunisian meal 'bean seeds ragout' with or without beef and with green or black tea decoction.

A framework for human relevance analysis of information on carcinogenic modes of action.

Analysis of urinary N-acetyl-beta-D-glucosaminidase using 2,4-dinitrophenyl-1-thio N-acetyl-beta-D-glucosaminide as the substrate.

Src tyrosine kinase but not activated Ras augments sensitivity to taxanes through apoptosis in human adenocarcinoma cells.

EGF and TGF-alpha expression influence the developmental toxicity of TCDD: dose response and AhR phenotype in EGF, TGF-alpha, and EGF + TGF-alpha knockout mice.

Calpain mediates progressive plasma membrane permeability and proteolysis of cytoskeleton-associated paxillin, talin, and vinculin during renal cell death.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) alters the endogenous metabolism of all-trans-retinoic acid in the rat.

Expression of aryl hydrocarbon receptor repressor in normal human tissues and inducibility by polycyclic aromatic hydrocarbons in human tumor-derived cell lines.

2,3,7,8-tetrachlorodibenzo-p-dioxin induces lecithin: retinol acyltransferase transcription in the rat kidney.

Metabolism of arsenic by sheep chronically exposed to arsenosugars as a normal part of their diet. 1. Quantitative intake, uptake, and excretion.

Tetanus toxin abolishes exocytosis of ROMK1 induced by inhibition of protein tyrosine kinase.

Evidence for the primary role for 4-aminopyridine-sensitive K(v) channels in beta(3)-adrenoceptor-mediated, cyclic AMP-independent relaxations of guinea-pig gastrointestinal smooth muscles.

Use of cultured cells of kidney origin to assess specific cytotoxic effects of nephrotoxins.

Effect of epidermal growth factor on phosphate uptake in renal proximal tubule cells: involvement of PKC, MAPK, and cPLA2.

Epidermal growth factor regulates Ca²⁺ uptake in primary cultured renal proximal tubule cells: involvement of cAMP, PKC and cPLA2.

Proteoglycans on bone marrow endothelial cells bind and present SDF-1 towards hematopoietic progenitor cells.

Monitoring internal exposure to metals and organic substances in workers at a hazardous waste incinerator after 3 years of operation.

Polymorphisms in the human monomethylarsonic acid (MMA V) reductase/hGSTO1 gene and changes in urinary arsenic profiles.

Kinetics of monochloroacetic acid at subtoxic and toxic doses in rats after single oral and dermal administrations.

The requirement of ammonium or other cations linked with p-cresol sulfate for cross-reactivity with a peptide of myelin basic protein.

NTP toxicology and carcinogenesis Studies of 2,4-hexadienal (89% trans,trans isomer, CAS No. 142-83-6; 11% cis,trans isomer) (Gavage Studies).

Simulation of dioxin accumulation in human tissues and analysis of reproductive risk.

KB130015, a new amiodarone derivative with multiple effects on cardiac ion channels.

Effect of dietary co-administration of sodium selenite on sodium arsenite-induced ovarian and uterine disorders in mature albino rats.

Acute application of TNF stimulates apical 70-pS K⁺ channels in the thick ascending limb of rat kidney.

4-aminobiphenyl-induced liver and urinary bladder DNA adduct formation in Cyp1a2(-/-) and Cyp1a2(+/-) mice.

Toxicity and metabolism of subcytotoxic inorganic arsenic in human renal proximal tubule epithelial cells (HK-2).

Health of tree swallow (*Tachycineta bicolor*) nestlings exposed to chlorinated hydrocarbons in the St Lawrence River basin. Part I. Renal and hepatic vitamin A concentrations.

Leiomyosarcoma of urinary bladder following cyclophosphamide therapy: report of two cases.

Chemiluminescence response of beta-glucan stimulated leukocytes isolated from different tissues and peritoneal cavity of *Dicentrarchus labrax*.

An artificial amino acid, 4-iodo-L-meta-tyrosine: biodistribution and excretion via kidney.

Cancer incidence among triazine herbicide manufacturing workers.

Antioxidant enzymes, free-radical damage, and response to paraquat in liver and kidney of long-living growth hormone receptor/binding protein gene-disrupted mice.

Paraquat-induced gene expression in rat lung tissues using a differential display reverse transcription-polymerase chain reaction.

Possible role of dimethylarsinous acid in dimethylarsinic acid-induced urothelial toxicity and regeneration in the rat.

Effect of the herbicide 2,4-dichlorophenoxyacetic acid on uropathogenic *Escherichia coli* virulence factors.

Predictors of herbicide exposure in farm applicators.

Expression of mutant alpha-synucleins enhances dopamine transporter-mediated MPP⁺ toxicity in vitro.

Toxicokinetics, recovery, and metabolism of triclopyr butotyl (ACTP) ester in goats.

Review of 2,4-dichlorophenoxyacetic acid (2,4-D) epidemiology and toxicology.

Oral (gavage) two-generation (one litter per generation) reproduction study of pentachlorophenol (penta) in rats.

Role of hydroxyl radical formation in neurotoxicity as revealed by in vivo free radical trapping.

Response of the amphibian tadpole *Xenopus laevis* to atrazine during sexual differentiation of the ovary.

The effects of atrazine metabolites on puberty and thyroid function in the male Wistar rat.

Paraquat intoxication in Korea.

Postnatal survival of rat offspring prenatally exposed to pure 2,4-dichlorophenoxyacetic acid (2,4-D).

Response of the amphibian tadpole (*Xenopus laevis*) to atrazine during sexual differentiation of the testis.

Oxysterols as indices of oxidative stress in man after paraquat ingestion.

Effects of paraquat on essential antioxidant elements in osteogenic disorder Shionogi rat.

In vivo genotoxicity evaluation of dimethylarsinic acid in MutaMouse.

Effect of vitamin C on plasma total antioxidant status in patients with paraquat intoxication.

Fetotoxic action of 2,4-dichlorophenoxyacetic acid (2,4-D). III. Morphological changes in rat kidneys.

Involvement of N-methyl-D-aspartate receptors in nociception in the cyclophosphamide-induced vesical pain model in the conscious rat.

Lesions induced by 2,4-D and chlorpyrifos in tench (*Tinca tinca* L.): implication in toxicity studies.

Changes in urinary bladder cytokine mRNA and protein after cyclophosphamide-induced cystitis.

Enantiomeric enrichment of chiral pesticides in the environment.

Serum protein acrolein adducts: utility in detecting oxidant stress in hemodialysis patients and reversal using a vitamin E-bonded hemodialyzer.

Monitoring of arsenic exposure with speciated urinary inorganic arsenic metabolites for ion implanter maintenance engineers.

Evaluation of a 15-day screening assay using intact male rats for identifying antiandrogens.

Carcinogenicity of dimethylarsinic acid in male F344 rats and genetic alterations in induced urinary bladder tumors.

Oxygen metabolites and hypoxic renal injury: effect of mitochondrial electron transport blockade.

Protection against acetaminophen hepatotoxicity by clofibrate pretreatment: role of catalase induction.

Intra-individual variation in the metabolism of inorganic arsenic.

Molecular requisites for drug binding to muscle CLC-1 and renal CLC-K channel revealed by the use of phenoxy-alkyl derivatives of 2-(p-chlorophenoxy)propionic acid.

Urinary arsenic speciation in subjects with or without restriction from seafood dietary intake.

Species variations in the biliary and urinary excretion of arsenate, arsenite and their metabolites.

Possible range of dioxin concentration in human tissues: simulation with a physiologically based model.

Non-genotoxic carcinogens: early effects on gap junctions, cell proliferation and apoptosis in the rat.

Comparative toxicity study of 3-aminophenol in newborn and young rats.

Toxicology and carcinogenesis study of chloral hydrate (ad libitum and dietary controlled) (CAS no. 302-17-0) in male B6C3F1 mice (gavage study).

Expression of hsp 27, hsp 60, hsc 70, and hsp 70 stress response genes in cultured human urothelial cells (UROtsa) exposed to lethal and sublethal concentrations of sodium arsenite.

Arsenite cocarcinogenesis: an animal model derived from genetic toxicology studies.

Alcohol-induced increases in insulin-like growth factor binding protein-1 are partially mediated by TNF.

Antiandrogenic effects in vitro and in vivo of the fungicide prochloraz.

Determination of autofluorescence of red blood cells (RbCs) in uremic patients as a marker of oxidative damage.

Effects of vitamin E on reactive oxygen species-mediated 2,3,7,8-tetrachlorodi-benzo-p-dioxin toxicity in rat testis.

Critical windows of vulnerability for effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on prostate and seminal vesicle development in C57BL/6 mice.

Behavior of non-protein-bound and protein-bound uremic solutes during daily hemodialysis.

Endocrine dismodulation and cancer.

Supplemental zinc lowers measures of iron status in young women with low iron reserves.

Cytoprotective properties of novel nonpeptide calpain inhibitors in renal cells.

Persistent konzo and cyanogen toxicity from cassava in northern Mozambique.

Mechanism of action and development of selective aryl hydrocarbon receptor modulators for treatment of hormone-dependent cancers (Review).

2,3,7,8-tetrachlorodibenzo-p-dioxin interacts with endogenous estradiol to disrupt prostate gland morphogenesis in male rat fetuses.

Decrease in 4-aminobiphenyl-induced methemoglobinemia in Cyp1a2(-/-) knockout mice.

Renal cell carcinoma and occupational exposure to chemicals in Canada.

Increased vascular endothelial growth factor peptide and gene expression in hypoplastic lung in nitrofen induced congenital diaphragmatic hernia in rats.

Effects of subchronic exposure to a complex mixture of persistent contaminants in male rats: systemic, immune, and reproductive effects.

Tumor necrosis factor-alpha and interleukin-1beta mediate the production of nitric oxide involved in the pathogenesis of ifosfamide induced hemorrhagic cystitis in mice.

Prediction of rodent nongenotoxic carcinogenesis: evaluation of biochemical and tissue changes in rodents following exposure to nine nongenotoxic NTP carcinogens.

Developmental stage-specific effects of perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on reproductive organs of male rat offspring.

Overexpression of alcohol dehydrogenase exacerbates ethanol-induced contractile defect in cardiac myocytes.

The environmental toxin 2,3,7,8-tetrachlorodibenzo-p-dioxin induces cytochrome P450 activity in high passage PC 3 and DU 145 human prostate cancer cell lines.

Differential activities of murine single minded 1 (SIM1) and SIM2 on a hypoxic response element. Cross-talk between basic helix-loop-helix/per-Arnt-Sim homology transcription factors.

[Immunoenzyme analysis of natural antibodies to endogenous bioregulators in patients with systemic lupus erythematosus].

On the rumors about the silent spring. Review of the scientific evidence linking occupational and environmental pesticide exposure to endocrine disruption health effects.

Effects of reactive oxygen species on lymphokine-activated killer cells in patients with bladder cancer.

[Acute effects of methyl bromide gas in rats and mice--studies on survival time].

Arsenic-induced Mre11 phosphorylation is cell cycle-dependent and defective in NBS cells.

Association between chronic exposure to pesticides and recorded cases of human malignancy in Gaza Governorates (1990-1999).

Effects of coxsackievirus B3 infection on the acute-phase protein metallothionein and on cytochrome P-4501A1 involved in the detoxification processes of TCDD in the mouse.

In vitro adsorption of lithium by bentonite.

Dioxin in infants--an environmental hazard?

Src tyrosine kinase augments taxotere-induced apoptosis through enhanced expression and phosphorylation of Bcl-2.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) disrupts early morphogenetic events that form the lower reproductive tract in female rat fetuses.

Extracellular signal-regulated kinases and G protein-coupled receptors in megakaryocytic human erythroleukemia cells: selective activation, differential regulation, and dissociation from mitogenesis.

Metabolism and excretion of 2-nitro-p-cresol in rats.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in the C57BL/6J mouse prostate: lobe-specific effects on branching morphogenesis.

Immunoaffinity column as sample cleanup method for determination of the beta-adrenergic agonist ractopamine and its metabolites.

Investigation of the relation between self-reported food consumption and household chemical exposures with urinary levels of selected nonpersistent pesticides.

Urinary 2,5-dichlorophenol as biological index for p-dichlorobenzene exposure in the general population.

Enhancement of alpha-adrenoceptor-mediated responses in prostate of testosterone-treated rat.

Bioavailability of the isomer mixture of phytoene and phytofluene-rich alga *Dunaliella bardawil* in rat plasma and tissues.

Clinical toxicology: part II. Diagnosis and management of uncommon poisonings.

cDNA cloning and expressions of cytochrome P450 1A in zebrafish embryos.

Chronic arsenic-exposed human prostate epithelial cells exhibit stable arsenic tolerance: mechanistic implications of altered cellular glutathione and glutathione S-transferase.

Biological monitoring of metals and organic substances in hazardous-waste incineration workers.

Metabolite ratio of toluene-exposed rotogravure printing plant workers reflects individual mutagenic risk by sister chromatid exchanges.

Comparison of urinary bromide levels among people in East Asia, and the effects of dietary intakes of cereals and marine products.

Impact of human variability on the biological monitoring of exposure to toluene: I. Physiologically based toxicokinetic modelling.

Severe 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) intoxication: insights into the measurement of hepatic cytochrome P450 1A2 induction.

Effects of aryl hydrocarbon receptor null mutation and in utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on prostate and seminal vesicle development in C57BL/6 mice.

Tissue-specific expression of AHR2, ARNT2, and CYP1A in zebrafish embryos and larvae: effects of developmental stage and 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Expression of hsp 90 in the human kidney and in proximal tubule cells exposed to heat, sodium arsenite and cadmium chloride.

IARC monographs, industry influence, and upgrading, downgrading, and under-grading chemicals: a personal point of view. International Agency for Research on Cancer.

Distribution and elimination of polychlorinated dibenzo-p-dioxins, dibenzofurans, biphenyls, and p,p'-DDE in tissues of bald eagles from the Upper Peninsula of Michigan.

Evidence for the involvement of CYP1A2 in the metabolism of bromodichloromethane in rat liver.

[Evaluation of urinary ortho-cresol as biological monitoring indicator of occupational exposure to toluene].

Effect of MPTP on Dopamine metabolism in Ames dwarf mice.

Urinary benzylmercapturic acid as a marker of occupational exposure to toluene.

Characterization of arsenic species in kidney of the clam *Tridacna derasa* by multidimensional liquid chromatography-ICPMS and electrospray time-of-flight tandem mass spectrometry.

Development of an in vitro test battery for the estimation of acute human systemic toxicity: An outline of the EDIT project. Evaluation-guided Development of New In Vitro Test Batteries.

Automated, continuous, and dynamic speciation of urinary arsenic in the bladder of living organisms using microdialysis sampling coupled on-line with high performance liquid chromatography and hydride generation atomic absorption spectrometry.

Legumain from bovine kidney: its purification, molecular cloning, immunohistochemical localization and degradation of annexin II and vitamin D-binding protein.

Role of the cytoskeleton in mediating effect of vasopressin and herbimycin A on secretory K channels in CCD.

Toluene metabolites as biological indicators of exposure.

Characterization of 2-amino-4,5-dichlorophenol (2A45CP) in vitro toxicity in renal cortical slices from male Fischer 344 rats.

Chiral pharmacokinetics and inversion of enantiomers of a new quinoxaline topoisomerase II β poison in the rat.

Effect of brefeldin A on heparan sulphate biosynthesis in Madin-Darby canine kidney cells.

Mechanism and regulation of vitamin B(6) uptake by renal tubular epithelia: studies with cultured OK cells.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the antioxidant system in mitochondrial and microsomal fractions of rat testis.

Ligand-regulated internalization, trafficking, and down-regulation of guanylyl cyclase/atrial natriuretic peptide receptor-A in human embryonic kidney 293 cells.

Determination of tissue-blood partition coefficients for a physiological model for humans, and estimation of dioxin concentration in tissues.

Porphyrin profiles in blood and urine as a biomarker for exposure to various arsenic species.

Multidrug-resistance mdr1a/1b double knockout mice are more sensitive than wild type mice to acute arsenic toxicity, with higher arsenic accumulation in tissues.

Uptake of the antivasular agent 5,6-dimethylxanthenone-4-acetic acid (DMXAA) and activation of NF- κ B in human tumor cell lines.

Anti-mutagenic activity of *Phyllanthus amarus* Schum & Thonn in vitro as well as in vivo.

Acute sodium arsenite treatment induces Cyp2a5 but not Cyp1a1 in the C57Bl/6 mouse in a tissue (kidney) selective manner.

A comparison of 60, 70, and 90 kDa stress protein expression in normal rat NRK-52 and human HK-2 kidney cell lines following in vitro exposure to arsenite and cadmium alone or in combination.

PET imaging of dopamine transporters in the human brain using [(11)C]-beta-PPIT, a cocaine derivative lacking the 2 beta-ester function.

Neutropenia induced by paraquat poisoning.

Subacute toxicity of anilofos, a new organophosphorus herbicide, in male rats: effect on some physical attributes and acetylcholinesterase activity.

Evaluation of diet and dimethylarsinic acid on the urothelium of Syrian golden hamsters.

Oral exposure of dimethylarsinic acid, a main metabolite of inorganic arsenics, in mice leads to an increase in 8-Oxo-2'-deoxyguanosine level, specifically in the target organs for arsenic carcinogenesis.

The effect of exposure to a commercial 2,4-D formulation during gestation on the immune response in CD-1 mice.

Decreased plasma and cerebrospinal fluid glutamine concentrations in a patient with bialaphos poisoning.

Carrier-mediated processes in blood--brain barrier penetration and neural uptake of paraquat.

Unique renal tubule changes induced in rats and mice by the peroxisome proliferators 2,4-dichlorophenoxyacetic acid (2,4-D) and WY-14643.

The development of a new method to estimate total daily dose of pesticides in professional turf applicators following multiple and varied exposures in occupational settings.

Prostate cancer detection in veterans with a history of Agent Orange exposure.

Oxidative stress and liver toxicity in rats and human hepatoma cell line induced by pentachlorophenol and its major metabolite tetrachlorohydroquinone.

Possible involvement of O6-methylguanine formation and p53 dysfunction in mouse urinary bladder carcinogenesis.

Prenatal exposure to nitrofen induces Fryns phenotype in mice.

Effect of sulfosulfuron on the urine and urothelium of male rats.

Biomarker correlations of urinary 2,4-D levels in foresters: genomic instability and endocrine disruption.

Acute diquat poisoning with intracerebral bleeding.

L-Deprenyl prevents the cell hypoxia induced by dopaminergic neurotoxins, MPP(+) and beta-carbolinium: a microdialysis study in rats.

Dimethylarsinic acid induces 8-hydroxy-2'-deoxyguanosine formation in the kidney of NCI-Black-Reiter rats.

A concise review of the toxicity and carcinogenicity of dimethylarsinic acid.

The characterisation and uptake of paraquat in cultured baboon kidney proximal tubule cells (bPTC).

No parallel relationship between nitric oxide production and wet dog shakes susceptible to nitric oxide synthase inhibitors following systemic administration of paraquat in rats.

Paraquat poisoning in a family.

Glutamate is not involved in the MPP+-induced dopamine overflow in the striatum of freely moving C57BL/6 mice.

Pancreatitis induced by environmental toxins.

Urothelial cytotoxicity and regeneration induced by dimethylarsinic acid in rats.

Evaluation of acute sensory--motor effects and test sensitivity using termiticide workers exposed to chlorpyrifos.

Effect of tiagabine and topiramate on porphyrin metabolism in an in vivo model of porphyria.

Nitric oxide enhances MPP(+)-induced hydroxyl radical generation via depolarization activated nitric oxide synthase in rat striatum.

Glyphosate inhibits melanization of *Cryptococcus neoformans* and prolongs survival of mice after systemic infection.

Expression of inducible nitric oxide synthase in primary culture of rat bladder smooth muscle cells by plasma from cyclophosphamide-treated rats.

Influence of caffeine on allyl alcohol-induced hepatotoxicity in rats. I. In vivo study.

Post-transcriptional control of catalase expression in garlic-treated rats.

Protein binding of glufosinate and factors affecting it revealed by an equilibrium dialysis technique.

Biotransformation, excretion kinetics, and tissue distribution of an N-pyrrolo[1,2-c]imidazolylphenyl sulfonamide herbicide in rats.

Determination of clethodim and its oxidation metabolites in crops by liquid chromatography with confirmation by LC/MS.

Solid-phase extraction with styrene-divinylbenzene sorbent for high-performance liquid or gas chromatographic determination of urinary chloro- and methylthiotriazines.

Ethanol-modified subcritical water extraction combined with solid-phase microextraction for determining atrazine in beef kidney.

A novel arsenical in clam kidney identified by liquid chromatography/electrospray ionisation mass spectrometry.

Atrazine effects on testosterone levels and androgen-dependent reproductive organs in peripubertal male rats.

Metabolism of 2,4-dichlorophenoxyacetic acid in laying hens and lactating goats.

Alteration of catecholamines in pheochromocytoma (PC12) cells in vitro by the metabolites of chlorotriazine herbicide.

Comparative study of toxicity of 4-nitrophenol and 2,4-dinitrophenol in newborn and young rats.

Dioxin body burdens in operation ranch hand veterans: promotion blocking and cancer causation.

Effects on levels of glutathione and some related enzymes in tissues after an acute arsenic exposure in rats and their relationship to dietary protein deficiency.

Mast cell regulation of inflammation and gene expression during antigen-induced bladder inflammation in mice.

Three cases of acute methyl bromide poisoning in a seedling farm family.

Arsenite is a cocarcinogen with solar ultraviolet radiation for mouse skin: an animal model for arsenic carcinogenesis.

Transport of methotrexate into PC-3 human prostate cancer cells.

Effects of protein tyrosine kinase and protein tyrosine phosphatase on apical K(+) channels in the TAL.

7,12-Dimethylbenz[a]anthracene inhibition of steroid production in MA-10 mouse Leydig tumor cells is not directly linked to induction of CYP1B1.

[Pseudo-Acanthosis nigricans in a 12 year old boy after kidney transplantation].

Pharmacokinetics and pharmacodynamics of NTBC (2-(2-nitro-4-fluoromethylbenzoyl)-1,3-cyclohexanedione) and mesotrione, inhibitors of 4-hydroxyphenyl pyruvate dioxygenase (HPPD) following a single dose to healthy male volunteers.

Role of metabolism in arsenic toxicity.

Melatonin attenuates estradiol-induced oxidative damage to DNA: relevance for cancer prevention.

Differential effects of circulating IgA isolated from patients with IgA nephropathy on superoxide and fibronectin production of mesangial cells.

Hepatic vitamin A depletion is a sensitive marker of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure in four rodent species.

Teratogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice lacking the expression of EGF and/or TGF- α .

Albumin in the mg/l-range activates NF- κ B in renal proximal tubule-derived cell lines via tyrosine kinases and protein kinase C.

Environmental xenoestrogens, antiandrogens and disorders of male sexual differentiation.

Hypoxia-inducible factor 1 α and 1 β proteins share common signaling pathways in human prostate cancer cells.

Chronic toxicity of dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin to mink.

Activation of multiple antibiotic resistance in uropathogenic Escherichia coli strains by aryloxoalcanoic acid compounds.

3,4-Dichlorophenylhydroxylamine cytotoxicity in renal cortical slices from Fischer 344 rats.

Oxidation of albumin is enhanced in the presence of uremic toxins.

Dioxin exposure and public health in Chapaevsk, Russia.

Nephrin redistribution on podocytes is a potential mechanism for proteinuria in patients with primary acquired nephrotic syndrome.

A randomized study of oral vs intravenous iron supplementation in patients with progressive renal insufficiency treated with erythropoietin.

Activated coagulation factor X: a novel mitogenic stimulus for human mesangial cells.

Recent advances in arsenic carcinogenesis: modes of action, animal model systems, and methylated arsenic metabolites.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on fetal mouse urinary tract epithelium in vitro.

Crystallisation properties in stone forming and normal subjects' urine diluted using a standardised procedure to match the composition of urine in the distal part of the distal tubule and the middle part of the collecting duct.

Toxicity of PCB-126 in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P4501A induction in several organ systems.

Quantitative relationship between arsenic exposure and AP-1 activity in mouse urinary bladder epithelium.

Hippuric acid as a modifier of calcium oxalate crystallisation.

Maternal exposure to a low dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) suppressed the development of reproductive organs of male rats: dose-dependent increase of mRNA levels of 5 α -reductase type 2 in contrast to decrease of androgen receptor in the pubertal ventral prostate.

Acquired resistance to Ah receptor agonists in a population of Atlantic killifish (*Fundulus heteroclitus*) inhabiting a marine superfund site: in vivo and in vitro studies on the inducibility of xenobiotic metabolizing enzymes.

Androgen receptor antagonism by the organophosphate insecticide fenitrothion.

Uremic toxins and peritoneal dialysis.

Protein-bound uremic solutes: the forgotten toxins.

Dioxin exposure is an environmental risk factor for ischemic heart disease.

Thyroid hormones, acute iron overload and the pathogenesis of cloudy swelling.

Preconditioning with sodium arsenite inhibits apoptotic cell death in rat kidney with ischemia/reperfusion or cyclosporine-induced injuries. The possible role of heat-shock protein 70 as a mediator of ischemic tolerance.

Effect of sodium arsenite on iNOS expression and vascular hyporeactivity associated with cecal ligation and puncture in the rat.

Analysis of collagenase-cleavage of type II collagen using a neoepitope ELISA.

Apolipoproteins prevent glomerular albumin permeability induced in vitro by serum from patients with focal segmental glomerulosclerosis.

Dioxins in bile in relation to those in the human liver and blood.

Activation of p38 mitogen-activated protein kinases by endothelin and noradrenaline in small arteries, regulation by calcium influx and tyrosine kinases, and their role in contraction.

Acute exposure to arsenite induces metallothionein isoform-specific gene expression in human proximal tubule cells.

Two signal transduction pathways involved in the catecholaminergic differentiation of avian neural crest-derived cells in vitro.

Vicianin, prunasin, and beta-cyanoalanine in common vetch seed as sources of urinary thiocyanate in the rat.

Kinetics of the protein-bound, lipophilic, uremic toxin p-cresol in healthy rats.

Identification of a new urinary metabolite of carbon disulfide using an improved method for the determination of 2-thioxothiazolidine-4-carboxylic acid.

Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds.

Identification of the major metabolites of prochloraz in rainbow trout by liquid chromatography and tandem mass spectrometry.

The chemistry, toxicology, and identification in rat and human urine of 4-hydroxy-5-phenyl-1,3-oxazaperhydroin-2-one: a reactive metabolite in felbamate bioactivation.

An ATP-sensitive K(+) conductance in dissociated neurones from adult rat intracardiac ganglia.

Fatal poisoning by butachlor and chlornitrofen ingested from a bottle marked as nitrofen.

Metabolism of [¹⁴C]1,2,7,8-tetrachlorodibenzo-p-dioxin in a ruminating Holstein calf.

Effect of dioxin on ovarian function in the cynomolgus macaque (*M. fascicularis*).

Protection of sodium arsenite-induced ovarian toxicity by coadministration of L-ascorbate (vitamin C) in mature wistar strain rat.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptotic cell death and cytochrome P4501A expression in developing *Fundulus heteroclitus* embryos.

Male reproductive effect of arsenic in mice.

Measurement of children's exposure to pesticides: analysis of urinary metabolite levels in a probability-based sample.

Intraocular pressure and vascular effects of sodium azide in bovine perfused eye.

Renal function, cytogenetic measurements, and sexual development in adolescents in relation to environmental pollutants: a feasibility study of biomarkers.

Urinary bromide levels probably dependent to intake of foods such as sea algae.

Levels of metals and organic substances in blood and urine of workers at a new hazardous waste incinerator.

Effects of binary mixtures of six xenobiotics on hormone concentrations and morphometric endpoints of northern bobwhite quail (*Colinus virginianus*).

Heparin-induced release of protein-bound solutes during hemodialysis is an in vitro artifact.

Control of chemical risks during the treatment of soil contaminated with chlorophenol, creosote and copper-chrome-arsenic-wood preservatives.

Increase in number and size of kidney concretions as a result of PCP exposure in the freshwater snail *Planorbium corneum* (Gastropoda, Pulmonata).

In situ hybridization and immunohistochemical analysis of cytochrome P450 1B1 expression in human normal tissues.

Biological monitoring of occupational exposure to 1-bromopropane by means of urinalysis for 1-bromopropane and bromide ion.

Oral versus intravenous iron supplementation in peritoneal dialysis patients.

Toxic effects of arsenic (III) on some hematopoietic and central nervous system variables in rats and guinea pigs.

Metabolism of ochratoxin A: absence of formation of genotoxic derivatives by human and rat enzymes.

Inhalation toxicity studies of the alpha,beta-unsaturated ketones: 2-cyclohexene-1-one.

Health risks posed by use of Di-2-ethylhexyl phthalate (DEHP) in PVC medical devices: a critical review.

Glycosuria in organophosphate and carbamate poisoning.

The effects of atrazine on female wistar rats: an evaluation of the protocol for assessing pubertal development and thyroid function.

The effect of atrazine on puberty in male wistar rats: an evaluation in the protocol for the assessment of pubertal development and thyroid function.

[Paraquat poisoning. A study of 29 cases and evaluation of the effectiveness of the "Caribbean scheme"].

72-kDa stress protein (hsp72) induced by administration of dimethylarsinic acid to mice accumulates in alveolar flat cells of lung, a target organ for arsenic carcinogenesis.

Arsenic accumulation in three species of sea turtles.

Cancer mortality in four northern wheat-producing states.

Glufosinate ammonium stimulates nitric oxide production through N-methyl D-aspartate receptors in rat cerebellum.

Comparative toxicity of trivalent and pentavalent inorganic and methylated arsenicals in rat and human cells.

Clinical presentations and prognostic factors of a glyphosate-surfactant herbicide intoxication: a review of 131 cases.

Cellular and molecular mechanisms of action of linuron: an antiandrogenic herbicide that produces reproductive malformations in male rats.

Differential modulation of catecholamines by chlorotriazine herbicides in pheochromocytoma (PC12) cells in vitro.

Effect of chlorinated hydrocarbons on expression of cytochrome P450 1A1, 1A2 and 1B1 and 2- and 4-hydroxylation of 17beta-estradiol in female Sprague-Dawley rats.

Increase in production of ascorbate radical in tissues of rat treated with paraquat.

Subchronic toxicity of chlorpropham (CIPC) in ICR mice.

Estrogen reduces acute striatal dopamine responses in vivo to the neurotoxin MPP+ in female, but not male rats.

Occupation and prostate cancer risk in Sweden.

No significant paraquat-induced oxidative DNA damage in rats.

Effects of molybdate and pentachlorophenol on the sulfation of acetaminophen.

Increased lymphocyte replicative index following 2,4-dichlorophenoxyacetic acid herbicide exposure.

A fatal case of chlorate poisoning: confirmation by ion chromatography of body fluids.

Quantitative determination of paraquat in a fatal intoxication by HPLC-DAD following chemical reduction with sodium borohydride.

Detection of 2,4-dichlorophenoxyacetic acid (2,4-D) residues in neonates breast-fed by 2,4-D exposed dams.

A long-term follow-up of lung function in survivors of paraquat poisoning.

Genetic variation of basal iron status, ferritin and iron regulatory protein in mice: potential for modulation of oxidative stress.

A new diquat derivative appropriate for colourimetric measurements of biological materials in the presence of paraquat.

A case of transient diabetes insipidus associated with poisoning by a herbicide containing glufosinate.

A case of fatal diquat poisoning: toxicokinetic data and autopsy findings.

Mechanisms of toxicity, clinical features, and management of diquat poisoning: a review.

Mechanisms of toxicity, clinical features, and management of acute chlorophenoxy herbicide poisoning: a review.

Disorders of male rat reproductive tract under the influence of atrazine.

Circulating thyroglobulin transcytosed by thyroid cells in complexed with secretory components of its endocytic receptor megalin.

Cephaloridine-induced inhibition of cytochrome c oxidase activity in the mitochondria of cultured renal epithelial cells (LLC-PK(1)) as a possible mechanism of its nephrotoxicity.

Results of dental amalgam removal and mercury detoxification using DMPS and neural therapy.

Cyclophosphamide-induced cystitis in freely-moving conscious rats: behavioral approach to a new model of visceral pain.

DMPS-arsenic challenge test. II. Modulation of arsenic species, including monomethylarsonous acid (MMA(III)), excreted in human urine.

Potassium chloride depolarization enhances MPP⁺-induced hydroxyl radical generation in the rat striatum.

Increased urinary excretion of thioethers as a marker for detecting exposure to herbicide containing 2,4-dichlorophenoxyacetic acid dimethylamine - experimental study on mice.

Inhibition of cellular action of thrombin by N3-cyclopropyl-7-[[4-(1-methylethyl)phenyl]methyl]-7H-pyrrolo[3, 2-f]quinazoline-1,3-diamine (SCH 79797), a nonpeptide thrombin receptor antagonist.

Different cell death mechanisms and gene expression in human cells induced by pentachlorophenol and its major metabolite, tetrachlorohydroquinone.

Relationship of MTT reduction to stimulants of muscle metabolism.

7-Hydroperoxycholesterol as a marker of oxidative stress in rat kidney induced by paraquat.

Catalase activity in equine semen.

Structure, function, and regional distribution of the organic cation transporter OCT3 in the kidney.

Simplified urinary immunoassay for 2,4-D: validation and exposure assessment.

Improved rapid analytical method for the urinary determination of 3, 5,6 trichloro-2-pyridinol, a metabolite of chlorpyrifos.

Role of megalin (gp330) in transcytosis of thyroglobulin by thyroid cells. A novel function in the control of thyroid hormone release.

Dose-dependent effects on tissue distribution and metabolism of dimethylarsinic acid in the mouse after intravenous administration.

Stimulatory effect of trans-cinnamaldehyde on noradrenaline secretion in guinea-pig ileum myenteric nerve terminals.

The mercapturic acid biotransformation pathway of hexachlorobenzene is not involved in the induction of splenomegaly, or skin and lung lesions in the Brown Norway rat.

[Endocrine disrupting chemicals and carcinogenesis--breast, testis and prostate cancer].

2,3,7,8-tetrachlorodibenzo-p-dioxin increases serum and kidney retinoic acid levels and kidney retinol esterification in the rat.

In vivo labeling of mitochondrial complex I (NADH:ubiquinone oxidoreductase) in rat brain using [(3)H]dihydrorotenone.

[Membrane disorder and free radical].

Chronic peritoneal inflammation by cyanate in rats.

Pharmacological treatment of obesity. Past, present, and future.

Cyanate as a hemolytic factor.

Urinary excretion of glycosaminoglycans in patients with isolated nocturnal enuresis or combined with diurnal incontinence.

An alternative interpretation of nanobacteria-induced biomineralization.

Selective involvement of reactive oxygen intermediates in platelet-activating factor-mediated activation of NF-kappaB.

Cloning and functional expression of rKCNQ2 K(+) channel from rat brain.

Changes in free and esterified cholesterol: hallmarks of acute renal tubular injury and acquired cytoresistance.

Application of capillary electrophoresis in clinical chemistry: the clinical value of urinary modified nucleosides.

Redistribution of accumulated 2,3,7,8-tetrachlorodibenzo-p-dioxin during coxsackievirus B3 infection in the mouse.

Inhibitory effects of nitric oxide and nitrosative stress on dopamine-beta-hydroxylase.

Arsenic mediates cell proliferation and gene expression in the bladder epithelium: association with activating protein-1 transactivation.

Antiplatelet therapy alters iron requirements in hemodialysis patients.

Effects of erythropoietin therapy on iron absorption in chronic renal failure.

Evidence of functional ryanodine receptor involved in apoptosis of prostate cancer (LNCaP) cells.

p-Cresol sulfate is the dominant component of urinary myelin basic protein like material.

Role of antioxidant systems in human androgen-independent prostate cancer cells.

Caspase-3 protease activation during the process of genistein-induced apoptosis in TM4 testicular cells.

Paternal employment in agriculture and childhood kidney cancer.

Second primary neoplasms following non-Hodgkin's lymphoma in New South Wales, Australia.

CDC investigations of noninfectious outbreaks of adverse events in hemodialysis facilities, 1979-1999.

Neurokinin-1 (NK-1) receptor is required in antigen-induced cystitis.

Iron supplementation in goitrous, iron-deficient children improves their response to oral iodized oil.

Toxic action/toxicity.

Differential expression of phosphatidylethanol-amine-binding protein in rat hepatoma cell lines: analyses of tumor necrosis factor- α -resistant cKDH-8/11 and -sensitive KDH-8/YK cells by two-dimensional gel electrophoresis.

Effects of TCDD on thyroid hormone homeostasis in the rat.

Examination of selected food additives and organochlorine food contaminants for androgenic activity in vitro.

Responses of transgenic mouse lines p53(+/-) and Tg.AC to agents tested in conventional carcinogenicity bioassays.

Morphologic, biochemical and molecular mitochondrial changes during reperfusion phase following brief renal ischemia.

Infusion of total dose iron versus oral iron supplementation in ambulatory peritoneal dialysis patients: a prospective, cross-over trial.

The contributions of various chloroquine salts to the biliary and urinary excretion of hepatic paracetamol conjugation metabolites in the rat.

Intradialytic removal of protein-bound uraemic toxins: role of solute characteristics and of dialyser membrane.

2,3,7,8-tetrachlorodibenzo-p-dioxin inhibits luminal cell differentiation and androgen responsiveness of the ventral prostate without inhibiting prostatic 5 α -dihydrotestosterone formation or testicular androgen production in rat offspring.

Quantification of selected pesticide metabolites in human urine using isotope dilution high-performance liquid chromatography/tandem mass spectrometry.

Monomethylarsonic acid reductase and monomethylarsonous acid in hamster tissue.

Chronic toxicity of arsenic in goats: clinicobiochemical changes, pathomorphology and tissue residues.

Endotoxin (lipopolysaccharide)-induced nitric oxide production in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated Fischer rats: detection of nitrosyl hemoproteins by EPR spectroscopy.

Conditional disruption of the aryl hydrocarbon receptor nuclear translocator (Arnt) gene leads to loss of target gene induction by the aryl hydrocarbon receptor and hypoxia-inducible factor 1 α .

Urinary biomarkers of atrazine exposure among farm pesticide applicators.

Developmental and tissue-specific expression of AHR1, AHR2, and ARNT2 in dioxin-sensitive and -resistant populations of the marine fish *Fundulus heteroclitus*.

Toxicity of TCDD in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P450 1A induction in several organ systems.

Effects of arsenite on central monoamines and plasmatic levels of adrenocorticotrophic hormone (ACTH) in mice.

Portosystemic shunting and persistent fetal vascular structures in aryl hydrocarbon receptor-deficient mice.

Comparative effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on MCF-7, RL95-2, and LNCaP cells: role of target steroid hormones in cellular responsiveness to CYP1A1 induction.

Arsenic metabolism in seaweed-eating sheep from Northern Scotland.

Roles of oxygen radical production and lipid peroxidation in the cytotoxicity of cephaloridine on cultured renal epithelial cells (LLC-PK1).

Development of clover yellow vein virus as an efficient, stable gene-expression system for legume species.

Signal transduction mechanisms linking increased extracellular calcium to proliferation in ovarian surface epithelial cells.

Differential sensitivity to hydroxyl radicals of pre- and postjunctional neurovascular transmission in the isolated canine mesenteric vein.

Protein-tyrosine phosphatase reduces the number of apical small conductance K⁺ channels in the rat cortical collecting duct.

Molecular characterization and developmental expression of the aryl hydrocarbon receptor from the chick embryo.

Optimised separation of endogenous urinary components using cyclodextrin-modified micellar electrokinetic capillary chromatography.

Excretion of hexachlorobenzene and metabolites in feces in a highly exposed human population.

Biliary and urinary excretion of inorganic arsenic: monomethylarsonous acid as a major biliary metabolite in rats.

Comparative induction of CYP1A1 expression by pyridine and its metabolites.

Differential response of cellular antioxidant mechanism of liver and kidney to arsenic exposure and its relation to dietary protein deficiency.

Enzyme cytochemical localization of sarcosine oxidase activity in the liver and kidney of several mammals.

Fast urinary screening for paracetamol using on-line microwave assisted hydrolysis and spectrophotometric detection.

Purification, characterization, and localization of an ATP diphosphohydrolase in porcine kidney.

Cloning and functional characterization of the bile acid-sensitive methotrexate carrier from rat liver cells.

A novel function of thyrotropin as a potentiator of electrolyte secretion from the tracheal gland.

Chelating agents for uranium(VI): 2. Efficacy and toxicity of tetradentate catecholate and hydroxypyridinonate ligands in mice.

Sphingomyelinase and membrane sphingomyelin content: determinants of proximal tubule cell susceptibility to injury.

2-Methoxy-4-(2-phthalimidinyl)phenylsulfonyl chloride as a fluorescent labeling reagent for determination of phenols in high-performance liquid chromatography and application for determination of urinary phenol and p-cresol.

Time course of arsenite-induced copper accumulation in rat kidney.

Oxidative stress in female B6C3F1 mice following acute and subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

TCDD induces CYP1A4 and CYP1A5 in chick liver and kidney and only CYP1A4, an enzyme lacking arachidonic acid epoxygenase activity, in myocardium and vascular endothelium.

Toxicology of environmental chemicals in the flounder (*Platichthys flesus*) with emphasis on the immune system: field, semi-field (mesocosm) and laboratory studies.

Genetic polymorphism in the biotransformation of inorganic arsenic and its role in toxicity.

NTP Toxicology and Carcinogenesis Studies of Pyridine (CAS No. 110-86-1) in F344/N Rats, Wistar Rats, and B6C3F1 Mice (Drinking Water Studies).

Active transport of the angiotensin-II antagonist losartan and its main metabolite EXP 3174 across MDCK-MDR1 and caco-2 cell monolayers.

Identification and characterization of a novel hepatic canalicular ATP diphosphohydrolase.

Determination of albendazole and its main metabolites in ovine plasma by liquid chromatography with dialysis as an integrated sample preparation technique.

Sodium monochloroacetate causes cytotoxic effects, an increased lactate and pyruvate level and induces ultra structural and cytoskeletal alterations in cultured kidney and liver epithelial cells.

Parathyroid hormone stimulates extracellular signal-regulated kinase (ERK) activity through two independent signal transduction pathways: role of ERK in sodium-phosphate cotransport.

Systemic indicators of inorganic arsenic toxicity in four animal species.

Low dietary cyanogen exposure from frequent consumption of potentially toxic cassava in Malawi.

Carbonic anhydrase activators - part 21. Novel activators of isozymes I, II and IV incorporating carboxamido and ureido histamine moieties.

[Spreading of porcine kidney epithelial cells under normal conditions and under the effect of inhibitors of energy metabolism. II. Behavior of cellular organelles].

[Spreading of porcine kidney epithelial cells under normal condition and under the effect of inhibitors of energy metabolism. I. Dynamics of spreading].

[Chemical toxicological analysis of urinary cannabinoids by chromatography mass spectrometry].

Influence of different hemodialysis membranes on red blood cell susceptibility to oxidative stress.

Protein tyrosine kinase regulates the number of renal secretory K channels.

Nitrofen-induced congenital malformations of the heart and great vessels in rats: an animal model.

Chronic dietary toxicity and oncogenicity evaluation of MCPA (4-chloro-2-methylphenoxyacetic acid) in rodents.

Maternal exposure to atrazine during lactation suppresses suckling-induced prolactin release and results in prostatitis in the adult offspring.

Multiple logistic regression analysis of plasma paraquat concentrations as a predictor of outcome in 375 cases of paraquat poisoning.

Cardiogenic shock in a patient with glyphosate-surfactant poisoning.

Renal failure and corrosive airway and gastrointestinal injury after ingestion of diluted diquat solution.

Behavioural and histological effects of atrazine on freshwater molluscs (*Physa acuta* Drap. and *Ancylus fluviatilis* Müll. Gastropoda).

Urinary bladder carcinogenicity of dimethylarsinic acid in male F344 rats.

Effect of the in vivo catalase inhibition on aminonucleoside nephrosis.

Glutathione antagonized cyclophosphamide- and acrolein-induced cytotoxicity of PC3 cells and immunosuppressive actions in mice.

Effects of trifluralin on carp: biochemical and histological evaluation.

[Massive paraquat poisoning. Favorable course after treatment with n-acetylcysteine and early hemodialysis].

A toxicokinetic analysis in a patient with acute glufosinate poisoning.

2,4-D treatment in tench (*Tinca tinca* L.): pathological processes on the excretory kidney.

[Endocrine disrupting chemicals and carcinogenicity].

Urinary excretion of biomarkers for radical-induced damage in rats treated with NDMA or diquat and the effects of calcium carbimide co-administration.

Vaginally applied diquat intoxication.

Administration of potentially antiandrogenic pesticides (procymidone, linuron, iprodione, chlozolinate, p,p'-DDE, and ketoconazole) and toxic substances (dibutyl- and diethylhexyl phthalate, PCB 169, and ethane dimethane sulphonate) during sexual differentiation produces diverse profiles of reproductive malformations in the male rat.

Effects of dietary dimethylarsinic acid on the urine and urothelium of rats.

Pharmacological and molecular evidence for kinin B1 receptor expression in urinary bladder of cyclophosphamide-treated rats.

Loss of heterozygosity in (LewisF344)F1 rat urinary bladder tumors induced with N-butyl-N-(4-hydroxybutyl)nitrosamine followed by dimethylarsinic acid or sodium L-ascorbate.

Decreased intracellular superoxide levels activate Sindbis virus-induced apoptosis.

Oxidative stress as a mechanism of chronic cadmium-induced hepatotoxicity and renal toxicity and protection by antioxidants.

Mechanism of organic anion transport across the apical membrane of choroid plexus.

Isotope dilution high-performance liquid chromatography/tandem mass spectrometry method for quantifying urinary metabolites of atrazine, malathion, and 2,4-dichlorophenoxyacetic acid.

Metabolism of 7-fluoro-6-(3,4,5,6-tetrahydrophthalimido)-4-(2-propynyl)-2H-1,4-benzoxazin-3(4H)-one (S-53482, flumioxazin) in the rat: II. Identification of reduced metabolites.

p-cresol: a toxin revealing many neglected but relevant aspects of uraemic toxicity.

[Biological actions of acetaldehyde].

Species differences in arsenic-mediated renal copper accumulation: a comparison between rats, mice and guinea pigs.

Hypoxia induces renal tubular epithelial cell apoptosis in chronic renal disease.

The stabilization of ferrous iron by a toxic beta-amyloid fragment and by an aluminum salt.

Effects of CYP1A2 on disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin, 2,3,4,7,8-pentachlorodibenzofuran, and 2,2',4,4',5,5'-hexachlorobiphenyl in CYP1A2 knockout and parental (C57BL/6N and 129/Sv) strains of mice.

Multiple roles of ligand in transforming the dioxin receptor to an active basic helix-loop-helix/PAS transcription factor complex with the nuclear protein Arnt.

74As-arsenate metabolism in Flemish Giant rabbits with renal insufficiency.

Analysis of urinary nitric oxide metabolites in healthy subjects.

Geographical differences of cancer incidence in Costa Rica in relation to environmental and occupational pesticide exposure.

Heat shock protein expression protects against cerebral ischemia and monoamine overload in rat heatstroke.

Toxicity of 3,3',4,4'-tetrachloroazoxybenzene in rats and mice.

Cancer incidence in a cohort of licensed pesticide applicators in Florida.

Cross-talk between 2,3,7,8-tetrachlorodibenzo-p-dioxin and testosterone signal transduction pathways in LNCaP prostate cancer cells.

Ex vivo evaluation of a Taylor-Couette flow, immobilized heparinase I device for clinical application.

Cytochrome P450 CYP1B1 determines susceptibility to 7, 12-dimethylbenz[a]anthracene-induced lymphomas.

[Oxidative injury and its defense system in vivo].

Relationships between environmental organochlorine contaminant residues, plasma corticosterone concentrations, and intermediary metabolic enzyme activities in Great Lakes herring gull embryos.

v-src induces cisplatin resistance by increasing the repair of cisplatin-DNA interstrand cross-links in human gallbladder adenocarcinoma cells.

Endocrine biomarkers of early fetal loss in cynomolgus macaques (*Macaca fascicularis*) following exposure to dioxin.

Dioxin is a systemic promoter blocker, II.

Arsenic speciation in human organs following fatal arsenic trioxide poisoning--a case report.

Human cytochrome P4501A2.

Uremic ultrafiltrate inhibits platelet-activating factor synthesis.

Mortality in a cohort of licensed pesticide applicators in Florida.

Amelioration of TCDD-induced teratogenesis in aryl hydrocarbon receptor (AhR)-null mice.

Trovafloxacin: an overview.

Ubiquitinated aldolase B accumulates during starvation-induced lysosomal proteolysis.

Cytotoxicity of cadmium and characteristics of its transport in cardiomyocytes.

Biological monitoring of occupational exposure to inorganic arsenic.

Reversible alteration of morphology in an invertebrate erythrocyte: properties of the natural inducer and the cellular response.

Vascular endothelial growth factor activates MAP kinase and enhances collagen synthesis in human mesangial cells.

The role of plasma semicarbazide-sensitive amine oxidase in allylamine and beta-aminopropionitrile cardiovascular toxicity: mechanisms of myocardial protection and aortic medial injury in rats.

Herbimycin A and geldanamycin inhibit okadaic acid-induced apoptosis and p38 activation in NRK-52E renal epithelial cells.

2-Amino-5-chlorophenol toxicity in renal cortical slices from Fischer 344 rats: effect of antioxidants and sulfhydryl agents.

NTP Toxicology and Carcinogenesis Studies of Triethanolamine (CAS No. 102-71-6) in F344 Rats and B6C3F1 Mice (Dermal Studies).

Arsenite uptake and metabolism by rat hepatocyte primary cultures in comparison with kidney- and hepatocyte-derived rat cell lines.

Dissimilar mechanisms of Ca(2+) response to bradykinin in different types of juxtamedullary glomerular arterioles.

[Significance of urinary concentrations of S-benzyl-N-acetylcysteine (S-BMA) in subjects exposed to toluene].

[Urinary excretion of arsenic and its metabolites in a population of adult males not occupationally exposed in the province of Bari].

Regulation of the renal Na-HCO(3) cotransporter. XI. Signal transduction underlying CO(2) stimulation.

Estimating amounts of toluene inhaled by workers with protective mask using biological indicators of toluene.

Changes in mRNAs of inducible nitric oxide synthase and interleukin-1 beta in the liver, kidney and lung tissues of rats acutely exposed to paraquat.

A longitudinal investigation of selected pesticide metabolites in urine.

Oral phosphate binders: phosphate binding capacity of iron (III) hydroxide complexes containing saccharides and their effect on the urinary excretion of calcium and phosphate in rats.

High-performance liquid chromatographic-fluorescent method to determine chloroacetaldehyde, a neurotoxic metabolite of the anticancer drug ifosfamide, in plasma and in liver microsomal incubations.

Analyses of tissues of eight marine species from Atlantic and Pacific coasts for dioxin-like chlorobiphenyls (CBs) and total CBs.

Identification of a novel cytosolic tocopherol-binding protein: structure, specificity, and tissue distribution.

Role of O6-alkylguanine-DNA alkyltransferase in protecting against cyclophosphamide-induced toxicity and mutagenicity.

Heat shock protein 27 expression in human proximal tubule cells exposed to lethal and sublethal concentrations of CdCl₂.

Injection of encapsulated cells producing an ifosfamide-activating cytochrome P450 for targeted chemotherapy to pancreatic tumors.

Simultaneous determination of the urinary metabolites of toluene, xylene and styrene using high-performance capillary electrophoresis. Comparison with high-performance liquid chromatography.

Uptake of vitamin A in macrophages from physiologic transport proteins: role of retinol-binding protein and chylomicron remnants.

p120(ctn) acts as an inhibitory regulator of cadherin function in colon carcinoma cells.

Evaluation of a Short-term Rat Proximal Tubule Incubation System for the Detection of Nephrotoxicants.

The effect of EGF on electrolyte transport is mediated by tyrosine kinases in the rabbit cortical collecting duct.

Structural analysis of angiotensin IV receptor (AT4) from selected bovine tissues.

Unidirectional transport from apical to basolateral compartment of cobalt ion in polarized Madin-Darby canine kidney cells.

Four amino acid changes are associated with the Aldh3a1 locus polymorphism in mice which may be responsible for corneal sensitivity to ultraviolet light.

Dose dependent changes in 74As-arsenate metabolism of Flemish Giant rabbits.

Carbonyl stress in the pathogenesis of diabetic nephropathy.

Immunohistochemical evidence for an increased oxidative stress and carbonyl modification of proteins in diabetic glomerular lesions.

Secretion of primary urine by glomeruli of the hagfish kidney.

Ah receptor and ARNT protein and mRNA concentrations in rat prostate: effects of stage of development and 2,3,7, 8-tetrachlorodibenzo-p-dioxin treatment.

Lysophosphatidic acid-induced calcium mobilization and proliferation in kidney proximal tubular cells.

Activation of Cl⁻ channel and Na⁺/K⁺/2Cl⁻ cotransporter in renal epithelial A6 cells by flavonoids: genistein, daidzein, and apigenin.

Metabolic disposition of a monoterpene ketone, piperitenone, in rats: evidence for the formation of a known toxin, p-cresol.

Interactive effects of TCDD and p,p'-DDE on male reproductive tract development in in utero and lactationally exposed rats.

Promotion of NCI-Black-Reiter male rat bladder carcinogenesis by dimethylarsinic acid an organic arsenic compound.

[Nephrotoxicity of pesticides].

Chronic dietary toxicity study on 2,4-dichlorophenoxybutyric acid in the dog.

Acute 2,4-D poisoning in tench (*Tinca tinca* L.): lesions in the hematopoietic portion of the kidney.

Urinary excretion and pharmacokinetics of acrolein and its parent drug cyclophosphamide in bone marrow transplant patients.

Two cases of glufosinate poisoning with late onset convulsions.

Cellular glutathione peroxidase is the mediator of body selenium to protect against paraquat lethality in transgenic mice.

Paraquat-induced renal injury studied by 1H nuclear magnetic resonance spectroscopy of urine.

Malicious paraquat poisoning in Oklahoma dogs.

[Lethal paraquat poisoning caused by spraying in a vinyl greenhouse of causing pulmonary fibrosis with a hepatorenal dysfunction].

Acute 2,4-dichlorophenoxyacetic acid intoxication in broiler chicks.

Kaposi's sarcoma in dog with acquired immunodeficiency after phosphate poisoning.

In vivo studies on genotoxicity of a soil fumigant, dazomet.

Antioxidant and detoxifying enzymes in the liver and kidney of pheasants after intoxication by herbicides MCPA and ANITEN I.

³²P-postlabeling detection of DNA adducts in mice treated with the herbicide Roundup.

A morbidity study of former pentachlorophenol-production workers.

Excretion kinetics of ifosfamide side-chain metabolites in children on continuous and short-term infusion.

Feeding fish oil to rats accelerates the metabolism of hexachlorobenzene.

Effect of pentachlorophenol on immune function.

Chemical speciation of arsenic in serum of uraemic patients.

Transport of paraquat by isolated renal proximal tubular segments from rabbits.

The renal excretory mechanisms and the role of organic cations in modulating the renal handling of paraquat.

Analytical performance of accelerator mass spectrometry and liquid scintillation counting for detection of ¹⁴C-labeled atrazine metabolites in human urine.

Differential xenobiotic induction of CYP2A5 in mouse liver, kidney, lung, and olfactory mucosa.

Cultured renal epithelial cells from birds and mice: enhanced resistance of avian cells to oxidative stress and DNA damage.

Metabolism and distribution of [2,3-¹⁴C]acrolein in Sprague-Dawley rats. II. Identification of urinary and fecal metabolites.

Clusterin protects against oxidative stress in vitro through aggregative and nonaggregative properties.

Immunoenzymatic determination of atrazine in rat tissue samples.

Dialkylquinonimines validated as in vivo metabolites of alachlor, acetochlor, and metolachlor herbicides in rats.

Effect of arsenosugar ingestion on urinary arsenic speciation.

Urinary arsenic species in Devon and Cornwall residents, UK. A pilot study.

Experimental study of oxidative DNA damage.

Association between diesel exposure at work and prostate cancer.

Health effects associated with sulfur dioxide and methyl bromide exposure among structural fumigation workers.

Concentrated cresol intoxication.

Mechanism of action of the nongenotoxic peroxisome proliferators: role of the peroxisome proliferator-activator receptor alpha.

Correlation analysis of pesticide use data and cancer incidence rates in California counties.

A sensitive HPLC method for the quantification of free and total p-cresol in patients with chronic renal failure.

Molecular analysis of collagens in bladder fibrosis.

Claims based on exposure to ionizing radiation (prostate cancer and any other cancer)--VA. Final rule.

Interactive effects of three structurally different polychlorinated biphenyls in a rat liver tumor promotion bioassay.

Micellar electrokinetic chromatography for the determination of urinary desmosine and isodesmosine in patients affected by chronic obstructive pulmonary disease.

Genesis of the uraemic syndrome: role of uraemic toxins.

Heat shock protein expression protects against death following exposure to heatstroke in rats.

A case-control study of occupational and environmental risk factors for Parkinson's disease in the Emilia-Romagna region of Italy.

Urinary levels of inorganic and organic arsenic metabolites among residents in an arseniasis-hyperendemic area in Taiwan.

Effects on developmental landmarks and reproductive capability of 3,3',4,4'-tetrachlorobiphenyl and 3,3',4,4',5-pentachlorobiphenyl in offspring of rats exposed during pregnancy.

Role of tyrosine phosphorylation in leptin activation of ATP-sensitive K⁺ channels in the rat insulinoma cell line CRI-G1.

Urinary excretion of arsenic metabolites after long-term oral administration of various arsenic compounds to rats.

Effect of vitamin C on androgen independent prostate cancer cells (PC3 and Mat-Ly-Lu) in vitro: involvement of reactive oxygen species-effect on cell number, viability and DNA synthesis.

In utero and lactational exposure of the male rat to 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs prostate development. 2. Effects on growth and cytodifferentiation.

In utero and lactational exposure of the male rat to 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs prostate development. 1. Effects on gene expression.

Interferon-alpha and -gamma inhibit the growth and neoplastic potential of v-src-transformed human epithelial cells by reducing Src tyrosine kinase activity.

Parvovirus B19 infection and unresponsiveness to erythropoietin therapy in haemodialysis patients.

Microangiopathic hemolytic anemia as a complication of diabetes mellitus.

Effective utilization of erythropoietin with intravenous iron therapy.

Acute intoxication with trichloroethene: clinical symptoms, toxicokinetics, metabolism, and development of biochemical parameters for renal damage.

Association between the clastogenic effect in peripheral lymphocytes and human exposure to arsenic through drinking water.

Effects of the nonsteroidal anti-inflammatory drug nimesulide on energy metabolism in livers from adjuvant-induced arthritic rats.

Dioxin causes a sustained oxidative stress response in the mouse.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazoxybenzene (CAS No. 21232-47-3) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazobenzene (CAS No. 14047-09-7) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

Inhibition of oxidant-induced lipid peroxidation in cultured renal tubular epithelial cells (LLC-PK1) by quercetin.

Hepatobiliary transport kinetics of HSR-903, a new quinolone antibacterial agent.

Aromatic and polycyclic hydrocarbons in air and their urinary metabolites in coke plant workers.

Biotransformation of 2-chloroaniline in the Fischer 344 rat: identification of urinary metabolites.

Effect of side chains including the N-methyl-tetrazole-thiol group of beta-lactam antibiotics on transport in cultured kidney epithelial cells LLC-PK1.

Evidence for impaired assimilation and increased colonic fermentation of protein, related to gastric acid suppression therapy.

Biological monitoring of occupational exposure to arsenic by determining urinary content of inorganic arsenic and its methylated metabolites.

[State of free radical lipid peroxidation in white rats under chronic effects of dioxin].

Cyclophosphamide cystitis as a model of visceral pain in rats: a c-fos and Krox-24 study at telencephalic levels, with a note on pituitary adenylate cyclase activating polypeptide (PACAP).

Hepatic and renal metallothionein induction following single oral administration of gallium arsenide in rats.

Pleiotropic effects of hepatocyte growth factor in proximal tubule involve different signaling pathways.

Ceramide accumulation during oxidant renal tubular injury: mechanisms and potential consequences.

Regulation of BMP7 expression during kidney development.

Metabolic fate of S-(-)-pulegone in rat.

A pharmacodynamic analysis of TCDD-induced cytochrome P450 gene expression in multiple tissues: dose- and time-dependent effects.

Species- and sex-related differences in metabolism of trichloroethylene to yield chloral and trichloroethanol in mouse, rat, and human liver microsomes.

Elucidation of the amino acid sequence of a crustacean hyperglycaemic hormone from the spiny lobster, *Jasus lalandii*.

Serum and urinary boron levels in rats after single administration of sodium tetraborate.

High-pressure liquid chromatographic determination of toluene in urine as a marker of occupational exposure to toluene.

Handling of doxorubicin by the LLC-PK1 kidney epithelial cell line.

Sodium iron EDTA [NaFe(III)EDTA] as a food fortificant does not influence absorption and urinary excretion of manganese in healthy adults.

Cytotoxic Response Profiles of Cultured Renal Epithelial and Mesenchymal Cells to Selected Aromatic Hydrocarbons.

Differential cytotoxicity of Ifosfamide and its metabolites in renal epithelial cell cultures.

Development of a model for classification of toxin-induced lesions using ¹H NMR spectroscopy of urine combined with pattern recognition.

The role of glutathione S-transferase- and cytochrome P450-dependent metabolism in the olfactory toxicity of methyl iodide in the rat.

Responsiveness of the adult male rat reproductive tract to 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure: Ah receptor and ARNT expression, CYP1A1 induction, and Ah receptor down-regulation.

Differentiating and proliferative effects of HGF in renal proximal tubular cells are mediated via different signalling pathways.

Metabolism of inorganic arsenic in children with chronic high arsenic exposure in northern Argentina.

Arachidonic acid metabolism in the marine fish *Stenotomus chrysops* (Scup) and the effects of cytochrome P450 1A inducers.

Speciation of arsenic metabolites in the urine of occupational workers and experimental rats using an optimised hydride cold-trapping method.

Uptake of doxorubicin by cultured kidney epithelial cells LLC-PK1.

p53 mutations in cyclophosphamide-associated bladder cancer.

Effects of some thiol chelators on enzymatic activities in blood, liver and kidneys of acute arsenic (III) exposed mice.

Identification of a putative surfactant convertase in rat lung as a secreted serine carboxylesterase.

Differential involvement of tyrosine and serine/threonine kinases in platelet integrin α IIb β 3 exposure.

Metabolic interaction between toluene, trichloroethylene and n-hexane in humans.

Cellular uptake properties of oligonucleotides in LLC-PK1 renal epithelial cells.

Metabolic Study of Isoproturon in Goats Following a Single Oral Administration: Toxicokinetics and Recovery.

Mixed effects of 2,6-dithiopurine against cyclophosphamide mediated bladder and lung toxicity in mice.

Characterization of a novel group of basic small heat shock proteins in *Xenopus laevis* A6 kidney epithelial cells.

Enzymatic methylation of arsenic compounds. V. Arsenite methyltransferase activity in tissues of mice.

S-p-toluymercapturic acid in the urine of workers exposed to toluene: a new biomarker for toluene exposure.

Chemically reactive intermediates and pulmonary xenobiotic toxicity.

Haemoperfusion treatment in pigs experimentally intoxicated by paraquat.

Herbicide-induced experimental variegate porphyria in mice: tissue porphyrinogen accumulation and response to porphyrogenic drugs.

The cytotoxic effect of paraquat to isolated renal proximal tubular segments from rabbits.

Determination of 8-hydroxy-deoxyguanosine formation in rat organs: assessment of paraquat-evoked oxidative DNA damage.

Sex-dependent differences in the disposition of 2,4-dichlorophenoxyacetic acid in Sprague-Dawley rats, B6C3F1 mice, and Syrian hamsters.

Hemodialysis and hemoperfusion in the successful treatment of a poisoning with a herbicide containing glufosinate ammonium and a surfactant.

Possible carcinogenic potential of dimethylarsinic acid as assessed in rat in vivo models: a review.

In vivo studies on genotoxicity of pure and commercial linuron.

Alterations in steroidogenesis in alligators (*Alligator mississippiensis*) exposed naturally and experimentally to environmental contaminants.

The urinary excretion of arsenic metabolites after a single oral administration of dimethylarsinic acid to rats.

Meta-analyses of prostate cancer and farming.

Characterization of risks associated with the use of molinate.

Evaluation of renal function in rhesus monkeys and comparison to beagle dogs following oral administration of the organic acid triclopyr (3,5,6-trichloro-2-pyridinyloxyacetic acid).

[Ultrastructure of the kidney in paraquat-poisoned rats. Comparative study with literature data on man and animal].

[Case-control study of hemo-lymphopietic neoplasms and exposure to pesticides in western Liguria].

Comparison of HPLC and CE for the analysis of dichlorprop in a case of intoxication.

[Nephropathy induced by non-drug chemical agents].

Comparative pharmacokinetics of [¹⁴C]metosulam (N-[2,6-dichloro-3-methylphenyl]-5,7-dimethoxy-1,2,4-triazolo[1,5a]-pyrimidine-2-sulfonamide) in rats, mice and dogs.

Metabolism of arsenic after acute occupational arsine intoxication.

Performance characteristics of combined haemodialysis/haemoperfusion system for removal of blood toxins.

Influence of dietary selenium on the disposition of arsenate in the female B6C3F1 mouse.

Unique expression of HRF20 (CD59) in human nervous tissue.

Pentachlorophenol dermal absorption and disposition from soil in swine: effects of occlusion and skin microorganism inhibition.

Transport of paraquat by a renal epithelial cell line, MDCK.

Analytical methods for the determination of urinary 2,4-dichlorophenoxyacetic acid and 2-methyl-4-chlorophenoxyacetic acid in occupationally exposed subjects and in the general population.

Identification of a major human urinary metabolite of metolachlor by LC-MS/MS.

Effects of lead-arsenic combined exposure on central monoaminergic systems.

Mortality study of pesticide applicators and other employees of a lawn care service company.

Prevention of gastrointestinal iron absorption by chelation from an orally administered premixed deferoxamine/charcoal slurry.

Immune dysfunction in uremia.

p-cresol and uric acid: two old uremic toxins revisited.

Markers of masked iron deficiency and effectiveness of EPO therapy in chronic renal failure.

Gallium nitrate optic neuropathy.

Mitochondrial toxins in models of neurodegenerative diseases. I: In vivo brain hydroxyl radical production during systemic MPTP treatment or following microdialysis infusion of methylpyridinium or azide ions.

Serum beta-carotene level, arsenic methylation capability, and incidence of skin cancer.

HDL causes mesangial cell mitogenesis through a tyrosine kinase-dependent receptor mechanism.

Effect of vitamin C on prostate cancer cells in vitro: effect on cell number, viability, and DNA synthesis.

Maintenance therapy with intravenous iron in hemodialysis patients receiving erythropoietin.

DMPS-arsenic challenge test. I: Increased urinary excretion of monomethylarsonic acid in humans given dimercaptopropane sulfonate.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: effects on development of the male and female reproductive system of the mouse.

Induction of cytochrome P450 1B1 and catechol estrogen metabolism in ACHN human renal adenocarcinoma cells.

Effect of hepatic methyl donor status on urinary excretion and DNA damage in B6C3F1 mice treated with sodium arsenite.

Cytogenetic effects in human exposure to arsenic.

P-Cresol, a uremic compound, enhances the uptake of aluminum in hepatocytes.

Some peculiarities of hepatobiliary diseases in Vietnam.

Cancer mortality among rice growers in Novara Province, northern Italy.

Tyrosine kinase dependent expression of TGF-beta induced by stretch in mesangial cells.

Reproductive toxicology. m-/p-cresol.

Expression of CYP1B1 in human adult and fetal tissues and differential inducibility of CYP1B1 and CYP1A1 by Ah receptor ligands in human placenta and cultured cells.

[Assessment of neurotoxic effects of methyl bromide in exposed workers].

Dosimeter gel and MR imaging for verification of calculated dose distributions in clinical radiation therapy.

Altered profile of urinary arsenic metabolites in adults with chronic arsenicism. A pilot study.

Early life stage toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish (*Danio rerio*).

Modulation of TCDD-induced fetotoxicity and oxidative stress in embryonic and placental tissues of C57BL/6J mice by vitamin E succinate and ellagic acid.

4-Amino-2,6-dichlorophenol nephrotoxicity in the Fischer 344 rat: protection by ascorbic acid, AT-125, and aminooxyacetic acid.

Loss of teratogenic response to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice lacking the Ah (dioxin) receptor.

The oncofetal J28 epitope involves fucosylated O-linked oligosaccharide structures of the fetopancreatic protein.

Inhibition of oxidative phosphorylation, vascular tone, and $[Ca^{2+}]_i$ in the perfused rat tail artery.

Tyrosine phosphorylation modulates current amplitude and kinetics of a neuronal voltage-gated potassium channel.

A dose-response analysis of the reproductive effects of a single gestational dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin in male Long Evans Hooded rat offspring.

Active and passive compliance of the fetal bovine bladder.

Airborne arsenic and urinary excretion of arsenic metabolites during boiler cleaning operations in a Slovak coal-fired power plant.

Involvement of the dorsal paratrigeminal nucleus in visceral pain-related phenomena.

Immunochemical, ^{32}P -postlabeling, and GC/MS detection of 4-aminobiphenyl-DNA adducts in human peripheral lung in relation to metabolic activation pathways involving pulmonary N-oxidation, conjugation, and peroxidation.

Role of 3,4-dichlorophenyl methyl sulfone, a metabolite of o-dichlorobenzene, in the changes in hepatic microsomal drug-metabolizing enzymes caused by o-dichlorobenzene administration in rats.

Induction in human osteoblastic cells (SaOS2) of the early response genes fos, jun, and myc by the amino terminal fragment (ATF) of urokinase.

Transcriptional regulation of N-acetylglucosaminyltransferase V by the src oncogene.

Influence of dietary protein supplements on the formation of bacterial metabolites in the colon.

Quantitative determination of urinary metabolites of o-dichlorobenzene using a gas chromatograph.

Aluminum citrate is transported from brain into blood via the monocarboxylic acid transporter located at the blood-brain barrier.

Expression and characterization of recombinant rat parathyroid hormone-related peptide (1-141) and an amino-terminally-truncated analogue (38-141).

Endothelial cells protect vascular smooth muscle cells from H₂O₂ attack.

Effects of TCDD on Ah receptor, ARNT, EGF, and TGF- α expression in embryonic mouse urinary tract.

Hrp12, a novel heat-responsive, tissue-specific, phosphorylated protein isolated from mouse liver.

Direct mapping of an agonist-binding domain within the parathyroid hormone/parathyroid hormone-related protein receptor by photoaffinity crosslinking.

Intracellular calcium buffering declines in aging adrenergic nerves.

Thrombin stimulates production of transforming growth factor- β by cultured human mesangial cells.

Gas chromatographic-mass spectrometric identification and quantitation of urinary phenols after derivatization with 4-carbomethoxyhexafluorobutyryl chloride, a novel derivative.

Identification of N-linked glycosylation sites in human testis angiotensin-converting enzyme and expression of an active deglycosylated form.

Death following intentional methyl bromide poisoning: toxicological data and literature review.

Differential effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the expression of prostaglandin-H synthase isoenzymes in mouse tissues.

[Modulation of respiratory activity of renal macrophages in sea bass (*Dicentrarchus labrax*) by chronic exposure to sublethal concentration of ammonia].

[Urinary sulfates as a biologic indicator of exposure to methylsulfate compounds in manufacture of sulfate cellulose].

Urinary excretion of phenols as an indicator of occupational exposure in the coke-plant industry.

Reduced glutathione inhibits rabbit and rat skeletal muscle lactate dehydrogenase and prevents dinitrophenol induced extracellular acidification by an epithelial cell line.

N-acetyl-S-(dichlorophenyl)cysteines as suitable biomarkers for the monitoring of occupational exposure to 1,2-dichlorobenzene.

Metabolism of hexachlorobenzene in humans: association between serum levels and urinary metabolites in a highly exposed population.

Selected lesions of dioxin in laboratory rodents.

Urinary excretion of ifosfamide, 4-hydroxyifosfamide, 3- and 2-dechloroethylifosfamide, mesna, and dimesna in patients on fractionated intravenous ifosfamide and concomitant mesna therapy.

Occupational chronic exposure to organic solvents. XVI. Ambient and biological monitoring of workers exposed to toluene.

Acute oral toxicity of the herbicide BUREX EKO in pheasants.

Promoting effects of dimethylarsinic acid on N-butyl-N-(4-hydroxybutyl)nitrosamine-induced urinary bladder carcinogenesis in rats.

Effect of paraquat intoxication and ambroxol treatment on hydrogen peroxide production and lipid peroxidation in selected organs of rat.

Comparative subchronic studies on 2,4-dichlorophenoxyacetic acid, amine, and ester in rats.

Studies on the basis for the toxicity of acrolein mercapturates.

Pharmacological advantages of conjugation of Cu, Zn-superoxide dismutase with succinylated keratin fragment: improvement of biological properties and resistance to oxidative damage.

Experimental ureterohydronephrosis in fetal rats.

No changes in behaviour, nigro-striatal system neurochemistry or neuronal cell death following toxic multiple oral paraquat administration to rats.

[Paraquat poisoning. Description of a case].

Pulmonary dysfunction in survivors of acute paraquat poisoning.

Experience with acute paraquat poisoning in Crete.

Biochemical and histopathological effects of glyphosate on carp, *Cyprinus carpio* L.

Use of continuous renal replacement therapy for detoxification?

Detection of 1, N2-propanodeoxyguanosine adducts as potential endogenous DNA lesions in rodent and human tissues.

DNA damage induced in mouse tissues by organic wood preserving waste extracts as assayed by 32P-postlabeling.

Comparative subchronic and chronic dietary toxicity studies on 2,4-dichlorophenoxyacetic acid, amine, and ester in the dog.

Herbicide: fatal ammonium thiocyanate and aminotriazole poisoning.

Biotransformation of acrolein in rat: excretion of mercapturic acids after inhalation and intraperitoneal injection.

Mortality in a cohort of pentachlorophenol manufacturing workers, 1940-1989.

Accumulation of arsenic species in serum of patients with chronic renal disease.

Increased expression of neuronal nitric oxide synthase in bladder afferent pathways following chronic bladder irritation.

Characterisation and uptake of paraquat by rat renal proximal tubular cells in primary culture.

Renal organic anion secretion: evidence for dopaminergic and adrenergic regulation.

Transport of paraquat in a renal epithelial cell line LLC-PK1.

Metabolism and distribution of [2,3-14C]acrolein in Sprague-Dawley rats.

Mechanism mediating basolateral transport of 2,4-dichlorophenoxyacetic acid in rat kidney.

Identification of a major human urinary metabolite of alachlor by LC-MS/MS.

Assessment of the biochemical effects of percutaneous exposure of sulphur mustard in an in vitro human skin system.

Influence of age on the passage of paraquat through the blood-brain barrier in rats: a distribution and pathological examination.

Increases in tissue levels of ubiquinone in association with peroxisome proliferation.

HSP induction inhibits iNOS mRNA expression and attenuates hypotension in endotoxin-challenged rats.

Interactive effects between 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,2',4,4',5,5'-hexachlorobiphenyl in female B6C3F1 mice: tissue distribution and tissue-specific enzyme induction.

Dioxin induces transcription of fos and jun genes by Ah receptor-dependent and -independent pathways.

Effects of developmental exposure to indole-3-carbinol or 2,3,7,8-tetrachlorodibenzo-p-dioxin on reproductive potential of male rat offspring.

Inhibitors of anchorage-independent growth affect the growth of transformed cells on poly(2-hydroxyethyl methacrylate)-coated surfaces.

[The perioperative use of recombinant erythropoietin (rhEPO) in Jehovah's witnesses].

Epoetin alfa--focus on nutritional therapy. Case study of the anemic patient.

Disturbed host defense in peritoneal cavity during CAPD: characterization of responsible factors in dwell fluid.

Diagnostic criteria for selenium toxicosis in aquatic birds: dietary exposure, tissue concentrations, and macroscopic effects.

Cancer incidence and specific occupational exposures in the Swedish leather tanning industry: a cohort based case-control study.

Simultaneous determination of phenol, cresol, xylenol isomers and naphthols in urine by capillary gas chromatography.

Nephrotoxicity of 4-amino-2-chlorophenol and 2-amino-4-chlorophenol in the Fischer 344 rat.

Latent effects of pesticides and toxic substances on sexual differentiation of rodents.

Dysfunction of polymorphonuclear leukocytes in uremia.

Effect of herbimycin A on renal cancer cell growth.

Detection of toluene in an adipoceratus body.

Incidence and time trends for lymphomas, leukemias and myelomas: hypothesis generation. Working Group on the Epidemiology of Hematolymphopoietic Malignancies in Italy.

Determination of furosemide in plasma and urine by gas chromatography/mass spectrometry.

Failure of prostatitis treatment secondary to probable ciprofloxacin-sucralfate drug interaction.

Implications for risk assessment of suggested nongenotoxic mechanisms of chemical carcinogenesis.

Comparative teratological studies on TCDD, endrin and lindane in C57BL/6J and DBA/2J mice.

Intravenous iron supplementation for the treatment of the anemia of moderate to severe chronic renal failure patients not receiving dialysis.

Airborne pollutants and the immune system.

Altered contractility of rabbit penile corpus cavernosum smooth muscle by hypoxia.

Arsenite, but not cadmium, induces ornithine decarboxylase and heme oxygenase activity in rat liver: relevance to arsenic carcinogenesis.

Inhibition of the accumulation of uremic toxins in the blood and their precursors in the feces after oral administration of Lebenin, a lactic acid bacteria preparation, to uremic patients undergoing hemodialysis.

Curcumin induces apoptosis in immortalized NIH 3T3 and malignant cancer cell lines.

On the mechanism of the differential effects of NS004 and NS1608 in smooth muscle cells from guinea pig bladder.

Inhibition of mitochondrial respiration and oxygen uptake in isolated rat renal tubular fragments by atractyloside.

Subcellular localization of TCDD differs between the liver, lungs, and kidneys after acute and subchronic exposure: species/dose comparisons and possible mechanism.

Basal metabolism of intraperitoneally injected carrier-free ⁷⁴As-labeled arsenate in rabbits.

Coagulation factors VII and X induce Ca²⁺ oscillations in Madin-Darby canine kidney cells only when proteolytically active.

Inducibility of cytochromes P-450 by dioxin in liver and extrahepatic tissues of the marmoset monkey (*Callithrix jacchus*).

Advancing age alters intracellular calcium buffering in rat adrenergic nerves.

[Bladder neoplasms and cyclophosphamide. Apropos of 3 cases and review of the literature].

Uptake of human urinary trypsin inhibitor by the kidney epithelial cell line, LLC-PK1.

Assessment of aspects of the toxicity of *Clostridium perfringens* epsilon-toxin using the MDCK cell line.

Rapid distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) to embryonic tissues in C57BL/6N mice and correlation with palatal uptake in vitro.

Tissue-specific 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible expression of human UDP-glucuronosyltransferase UGT1A6.

Stimulation of inorganic phosphate transport by insulin-like growth factor I and vanadate in opossum kidney cells is mediated by distinct protein tyrosine phosphorylation processes.

Subchronic dispositional and toxicological effects of arsenate administered in drinking water to mice.

Bladder augmentation in the prevention of cyclophosphamide-induced haemorrhagic cystitis in the rat model.

Anti-herpes simplex virus activity of n-docosanol correlates with intracellular metabolic conversion of the drug.

Depletion of glucose causes presynaptic inhibition of neuronal transmission in the rat dorsolateral septal nucleus.

Gas chromatographic determination of urinary o-cresol for the monitoring of toluene exposure.

Aryl-hydrocarbon receptor-deficient mice are resistant to 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced toxicity.

Non-, mono-, and di-o-chlorobiphenyl concentrations and their toxic equivalents to 2,3,7,8-tetrachlorodibenzo[p]dioxin in Aroclors(R) and digestive glands from American lobster (*Homarus americanus*) captured in Atlantic Canada.

Atypical cytochrome P450 induction profiles in glomerular mesangial cells at the mRNA and enzyme level. Evidence for CYP1A1 and CYP1B1 expression and their involvement in benzo[a]pyrene metabolism.

2,3,7,8-Tetrachlorodibenzo-p-dioxin affects retinol esterification in rat hepatic stellate cells and kidney.

Phenobarbital induction of cytochrome P4501A1 is regulated by cAMP-dependent protein kinase-mediated signaling pathways in rainbow trout hepatocytes.

Characterization of urinary metabolites from Sprague-Dawley rats and B6C3F1 mice exposed to [1,2,3,4-13C]butadiene.

The effect of the lipid peroxidation product 4-hydroxynonenal and of its metabolite 4-hydroxynonenic acid on respiration of rat kidney cortex mitochondria.

Toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in two substrains of male Long-Evans rats after intravenous injection.

Studies on the pharmacology of the inward transport of L-DOPA in rat renal tubules.

Expression and release of the a and b subunits for human coagulation factor XIII in baby hamster kidney (BHK) cells.

Comparison of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) disposition following pulmonary, oral, dermal, and parenteral exposures to rats.

Nephrotoxic potential of 2-amino-5-chlorophenol and 4-amino-3-chlorophenol in Fischer 344 rats: comparisons with 2- and 4-chloroaniline and 2- and 4-aminophenol.

Arsenic-copper interaction in the kidney of the rat: influence of arsenic metabolites.

Determination of the sequence of the aralkyl acyl-CoA:amino acid N-acyltransferase from bovine liver mitochondria.

Changes in taurine as an indicator of hepatic dysfunction and biochemical perturbations. Studies in vivo and in vitro.

Effect of verapamil on allyl alcohol hepatotoxicity.

Assessment of exposure to inorganic arsenic, a human carcinogen, due to the consumption of seafood.

Oral iron absorption test in patients on CAPD: comparison of ferrous sulfate and a polysaccharide ferric complex.

Dose-dependent kinetics and metabolism of 1,2-dichlorobenzene in rat: effect of pretreatment with phenobarbital.

Toluene itself as the best urinary marker of toluene exposure.

Regenerated cellulose-based hemodialyzers with immobilized proteins as potential devices for extracorporeal immunoadsorption procedures: an assessment of protein coupling capacity and in vitro dialysis performances.

Evidence for decline in intracellular calcium buffering in adrenergic nerves of aged rats.

Habitual and genetic factors that affect urinary background levels of biomarkers for organic solvent exposure.

A mechanistic model of effects of dioxin on thyroid hormones in the rat.

Effect of glutathione depletion on metallothionein synthesis induced by paraquat in mice.

[Paraquat-induced acute dermatitis in a child after playing with a discarded container].

Subacute toxicity of urea herbicide, isoproturon, in male rats.

Enhancement of paraquat toxicity by glutathione depletion in mice in vivo and in vitro.

Stimulation of antioxidative enzymes by paraquat in cultured Vero cells.

Segment specificity of the cytological response in rainbow trout (*Oncorhynchus mykiss*) renal tubules following prolonged exposure to sublethal concentrations of atrazine.

Effects of acute 2,4-dichlorophenoxyacetic acid on cattle serum components and enzyme activities.

Lack of methylation of inorganic arsenic in the chimpanzee.

Enhancement of tissue lipoperoxidation in propanil-treated rats.

[Paraquat poisoning. Treatment and prognosis].

Chelation of organoarsenate with dimercaptosuccinic acid.

Developmental toxicity of the substituted phenylurea herbicide isoproturon in rats.

Toxicity of cotoran (fluometuron) in Desert sheep.

Acrolein mercapturates: synthesis, characterization, and assessment of their role in the bladder toxicity of cyclophosphamide.

Paraquat--a superoxide generator--kills neurons in the rat spinal cord.

Effect of s-triazine compounds on testosterone metabolism in the rat prostate.

Ifosfamide and mesna: effects on the Na/H exchanger activity in renal epithelial cells in culture (LLC-PK1).

The effects of subchronic chlorate exposure in Sprague-Dawley rats.

Cancer induction by an organic arsenic compound, dimethylarsinic acid (cacodylic acid), in F344/DuCrj rats after pretreatment with five carcinogens.

Changes in the urinary excretion level of 8-hydroxyguanine by exposure to reactive oxygen-generating substances.

[Herbicides and neoplasms of the hemolymphopoietic system].

Survival in a case of massive paraquat ingestion.

Atrazine treatment potentiates excretion of mutagenic urine in 2,6-dinitrotoluene-treated Fischer 344 rats.

Acute-phase reactant proteins and antioxidants in rats intoxicated chronically with paraquat.

Puromycin aminonucleoside inhibits mesangial cell-induced contraction of collagen gels by stimulating production of reactive oxygen species.

Antioxidative roles of metallothionein and manganese superoxide dismutase induced by tumor necrosis factor-alpha and interleukin-6.

Simple method for analysis of diquat in biological fluids and tissues by high-performance liquid chromatography.

A unique metabolism of inorganic arsenic in native Andean women.

The effect of protoporphyrinogen oxidase inhibitors on microsomal and mitochondrial cytochromes.

Paraquat²⁺/H⁺ exchange in isolated renal brush-border membrane vesicles.

Peritubular paraquat transport in isolated renal proximal tubules.

A comparative study of direct hemoperfusion and hemodialysis for the removal of glufosinate ammonium.

Role of lipid peroxidation in H₂O₂-induced renal epithelial (LLC-PK1) cell injury.

Diquat increases cysteine proteinase inhibitors greatly in rat plasma and tissues.

Review of the interaction between TCDD and glucocorticoids in embryonic palate.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced anorexia and wasting syndrome in rats: aggravation after ventromedial hypothalamic lesion.

Developmental effects of dioxins and related endocrine disrupting chemicals.

Biological activities of synthetic analogues of *Alternaria alternata* toxin (AAL-toxin) and fumonisin in plant and mammalian cell cultures.

Tissue-specific effects of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) on the activity of phosphoenolpyruvate carboxykinase (PEPCK) in rats.

Morphology of ras-transformed cells becomes apparently normal again with tyrosine kinase inhibitors without a decrease in the ras-GTP complex.

The efficacy of erythropoietin in human immunodeficiency virus-infected end-stage renal disease patients treated by maintenance hemodialysis.

Neonatal lethality associated with respiratory distress in mice lacking cytochrome P450 1A2.

Postischemic proximal tubular resistance to oxidant stress and Ca²⁺ ionophore-induced attack. Implications for reperfusion injury.

Direct tumorigenic conversion of human gallbladder carcinoma cells by v-src but not by activated c-H-ras oncogene.

Workers' response to risk notification.

Formation of 8-hydroxydeoxyguanosine in calf thymus DNA treated in vitro with phenylhydroquinone, the major metabolite of O-phenylphenol.

ACTH-(1-24) blocks the decompensatory phase of the haemodynamic response to acute hypovolaemia in conscious rabbits.

Activation of mesangial cells by the phosphatase inhibitor vanadate. Potential implications for diabetic nephropathy.

Correlation between toxicity and effects on intermediary metabolism in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated male C57BL/6J and DBA/2J mice.

Exposure to TCDD during development permanently alters reproductive function in male Long Evans rats and hamsters: reduced ejaculated and epididymal sperm numbers and sex accessory gland weights in offspring with normal androgenic status.

Efficacy of oral iron therapy in patients receiving recombinant human erythropoietin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) distribution and cytochrome P4501A induction in young adult and senescent male mice.

Mechanisms of uremic inhibition of phagocyte reactive species production: characterization of the role of p-cresol.

Renal tumorigenicity of 1,1-dichloroethene in mice: the role of male-specific expression of cytochrome P450 2E1 in the renal bioactivation of 1,1-dichloroethene.

Colonic protein fermentation and promotion of colon carcinogenesis by thermolyzed casein.

Lung retention and bioavailability of arsenic after single intratracheal administration of sodium arsenite, sodium arsenate, fly ash and copper smelter dust in the hamster.

Characterization of LLC-PK1 kidney epithelial cells as an in vitro model for studying renal tubular reabsorption of protein drugs.

Sequential activation of MAP kinase cascade by angiotensin II in opossum kidney cells.

Factors influencing the protein binding of YH-439 using an equilibrium dialysis technique. A new hepatoprotective agent.

An attempt to explain interindividual variability in 24-h urinary excretion of inorganic arsenic metabolites by C57 BL/6J mice.

Factors influencing the protein binding of azosemide using an equilibrium dialysis technique.

Evaluation of the biodistribution and in vivo biochemistry of ^{99m}Tc-cysteine and ⁹⁹/^{99m}Tc-cysteine complexes--a potential renal imaging agent.

In utero and lactational exposure of the male rat to 2,3,7,8-tetrachlorodibenzo-p-dioxin: impaired prostate growth and development without inhibited androgen production.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces diverse retinoic acid metabolites in multiple tissues of the Sprague-Dawley rat.

Rat tail artery norepinephrine release: age and effect of mitochondrial blockade.

Calcium dependent K-channels in guinea pig and human urinary bladder.

Toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats including placental and lactational transfer to fetuses and neonates.

Enhancement of somatic embryogenesis in orchardgrass leaf cultures by epinephrine.

Application of high-performance liquid chromatography to a fatality involving azide.

Interindividual variability in the urinary excretion of inorganic arsenic metabolites by C57 BL/6J mice: possible involvement of a thiol/disulfide exchange mechanism.

Rat CYP1B1: an adrenal cytochrome P450 that exhibits sex-dependent expression in livers and kidneys of TCDD-treated animals.

Immunocytochemical investigation of the in vivo endocytosis by renal tubular epithelial cells.

Gas chromatographic-mass spectrometric determination of chlorophenols in the urine of sawmill workers with past use of chlorophenol-containing anti-stain agents.

Inhibition of viral replication by nitric oxide and its reversal by ferrous sulfate and tricarboxylic acid cycle metabolites.

Identification of a rat adrenal cytochrome P450 active in polycyclic hydrocarbon metabolism as rat CYP1B1. Demonstration of a unique tissue-specific pattern of hormonal and aryl hydrocarbon receptor-linked regulation.

Sulphated proteoglycan is required for collecting duct growth and branching but not nephron formation during kidney development.

Ethanol ingestion on allylamine-induced experimental subendocardial fibrosis.

[The uptake of nalidixic acid and enoxacin by rat renal cortical slices in rat].

Cisplatin induced nephrotoxicity and the modulating effect of glutathione ester.

An in vitro method for determination of tissue partition coefficients of non-volatile chemicals such as 2,3,7,8-tetrachlorodibenzo-p-dioxin and estradiol.

The 40 kDa $^{63}\text{Ni}(2+)$ -binding protein (pNiXc) on western blots of *Xenopus laevis* oocytes and embryos is the monomer of fructose-1,6-bisphosphate aldolase A.

Induction of P-450 in workers exposed to dioxin.

Urinary biomonitoring for alachlor exposure in commercial pesticide applicators by immunoassay.

Arsenic increased lipid peroxidation in rat tissues by a mechanism independent of glutathione levels.

Glutathione effects on toxicity and uptake of mercuric chloride and sodium arsenite in rabbit renal cortical slices.

Human chorionic gonadotropin protects Leydig cell function against 2,3,7,8-tetrachlorodibenzo-p-dioxin in adult rats: role of Leydig cell cytoplasmic volume.

Synthesis, Structure of Nitrogen-Containing Phosphinogold(I) Ferrocenes. In vitro Activity against Bladder and Colon Carcinoma Cell Lines.

Internal exposure of waste incineration workers to organic and inorganic substances.

Effects of benzo(a)pyrene and tetrachlorodibenzo(p)dioxin on fetal dolphin kidney cells: inhibition of proliferation and initiation of DNA damage.

Carbamylation decreases the cytotoxicity but not the drug-carrier properties of polylysines.

Selective increase of rat lung cytochrome P450 1A1 dependent monooxygenase activity after acute sodium arsenite administration.

Identification of urinary metabolites of human subjects exposed to o-dichlorobenzene.

Analysis of whole-blood cyclosporin G by liquid chromatography in renal transplant recipients.

"Farming and prostate cancer mortality".

Comparison of the toxicity of cinnamaldehyde when administered by microencapsulation in feed or by corn oil gavage.

Ifosfamide metabolite chloroacetaldehyde causes Fanconi syndrome in the perfused rat kidney.

Effects of atrazine on reproductive performance in the rat.

[Kidney disorders caused by organic toxic substances].

Nephrotoxicity and hepatotoxicity of 5,6-dichloro-4-thia-5-hexenoic acid: evidence for fatty acid beta-oxidation-dependent bioactivation.

Studies on trans-cinnamaldehyde. 1. The influence of dose size and sex on its disposition in the rat and mouse.

Acute 2,4-dichlorophenoxyacetic acid intoxication in cattle.

Effect of selenium deficiency and glutathione-modulating agents on diquat toxicity and lipid peroxidation in rats.

Occupational risk factors for renal-cell carcinoma in Denmark.

[Organic trace element pollution in water--a potential health risk for long-term dialysis patients].

[Methemoglobinemia induced by sodium chlorate: value of hyperbaric oxygen therapy].

Flow cytometric analysis of the direct toxic effects of paraquat on cultured MDCK cells.

[Hemoperfusion and plasma exchange therapy in patients with paraquat poisoning].

Effect of ethanol on paraquat toxicity in F344 rats.

Characterization of the capsaicin-sensitive component of cyclophosphamide-induced inflammation in the rat urinary bladder.

Canine exposure to herbicide-treated lawns and urinary excretion of 2,4-dichlorophenoxyacetic acid.

[Alteration of lipid peroxidation and the activity of peroxide metabolism enzymes in the liver, kidney and lung following the administration of paraquat in mice].

Different distribution of paraquat and diquat in human poisoning cases after ingestion of a combined herbicide.

In vivo hydrogen peroxide production in rat remnant kidney.

[Changes in the concentrations of chlornitrofen (CNP) and CNP-amino in river and faucet water in Niigata, Japan].

Disposition and metabolism of radiolabelled pentachloroanisole in rats and rabbits.

Tamoxifen: evidence by ³²P-postlabeling and use of metabolic inhibitors for two distinct pathways leading to mouse hepatic DNA adduct formation and identification of 4-hydroxytamoxifen as a proximate metabolite.

Effect of the protoporphyrinogen oxidase-inhibiting herbicide fomesafen on liver uroporphyrin and heptacarboxylic porphyrin in two mouse strains.

Effect of dosing vehicle on the dermal absorption of fluazifop-butyl and fomesafen in rats in vivo.

Metabolic fate of S,S,S-tributyl phosphorotrithioate (DEF) in the lactating goat.

Toxicity of ifosfamide, cyclophosphamide and their metabolites in renal tubular cells in culture.

Stimulatory effect of ethanol on weak organic acid uptake in rat renal tubules.

Inhibition of degranulation of polymorphonuclear leukocytes by angiogenin and its tryptic fragment.

Polymorphonuclear leukocytes increase glomerular albumin permeability via hypohalous acid.

Treatment of methyl bromide poisoning with haemodialysis.

[Shock caused by poisoning. Use of cardiotropic agents].

Interactive regulation of Ah and glucocorticoid receptors in the synergistic induction of cleft palate by 2,3,7,8-tetrachlorodibenzo-p-dioxin and hydrocortisone.

Hypoxic stimulation of vascular endothelial growth factor expression in vitro and in vivo.

[Assessment of iron absorption in children with chronic renal insufficiency].

Effects of in utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on responsiveness of the male rat reproductive system to testosterone stimulation in adulthood.

Reproductive toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in male rats: different effects of in utero versus lactational exposure.

Toxic potency of 3,3',4,4',5-pentachlorobiphenyl relative to and in combination with 2,3,7,8-tetrachlorodibenzo-p-dioxin in a subchronic feeding study in the rat.

Synthesis and tissue biodistribution of [ω -¹¹C]palmitic acid. A novel PET imaging agent for cardiac fatty acid metabolism.

Morbidity follow up study of BASF employees exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) after a 1953 chemical reactor incident.

Protein binding of itraconazole and fluconazole in patients with chronic renal failure.

Effect of ethanol and sodium arsenite on HSP-72 formation and on survival in a murine endotoxin model.

Urea-derived cyanate forms epsilon-amino-carbamoyl-lysine (homocitrulline) in leukocyte proteins in patients with end-stage renal disease on peritoneal dialysis.

Enalapril reduces collagen type IV synthesis and expansion of the interstitium in the obstructed rat kidney.

In vivo and in vitro 4-amino-2,6-dichlorophenol nephrotoxicity and hepatotoxicity in the Fischer 344 rat.

Human NAD(P)H:quinone oxidoreductase2. Gene structure, activity, and tissue-specific expression.

2,3,7,8-TCDD and 2,3,7,8-TCDF in blue crabs and American lobsters from the Hudson-Raritan estuary and the New York Bight.

Evaluation of porphyria cutanea tarda in U.S. workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of herbimycin A and its derivatives on growth and differentiation of Ph1-positive acute lymphoid leukemia cell lines.

Decreased clearance of uraemic and mildly carbamylated low-density lipoprotein.

Developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the most TCDD-resistant and -susceptible rat strains.

The use of 5-hydroxytryptophol as an alcohol intake marker.

Human intestinal alkaline phosphatase-binding IgG in patients with severe bacterial infections.

Mechanisms of chemical injury of thyroid gland.

Sequential activation of Raf-1 kinase, mitogen-activated protein (MAP) kinase kinase, MAP kinase, and S6 kinase by hyperosmolality in renal cells.

Assessment of cell-specific cytotoxic responses of the kidney to selected aromatic hydrocarbons.

NTP Toxicology and Carcinogenesis Studies of 4,4'-Thiobis(6-*t*-butyl-*m*-cresol) (CAS No. 96-69-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

The amino acid sequence of the red kidney bean Fe(III)-Zn(II) purple acid phosphatase. Determination of the amino acid sequence by a combination of matrix-assisted laser desorption/ionization mass spectrometry and automated Edman sequencing.

Ah receptor in different tissues of C57BL/6J and DBA/2J mice: use of competitive polymerase chain reaction to measure Ah-receptor mRNA expression.

Distribution of urinary hippuric acid concentrations by ALDH2 genotype.

Effect on tissue vitamin A levels in the rat following subchronic exposure to four individual PCB congeners (IUPAC 77, 118, 126, and 153).

Comparative mutagenicity of chemicals selected for test in the International Program on Chemical Safety's collaborative study on plant systems for the detection of environmental mutagens.

Synthesis of n.c.a. carbon-11 labelled clozapine and its major metabolite clozapine-N-oxide and comparison of their biodistribution in mice.

Comparative metabolism and elimination of acetanilide compounds by rat.

Cloning of a cDNA encoding an ectoenzyme that degrades thyrotropin-releasing hormone.

Astrocytes implicated in the energizing of intermediate memory processes in neonate chicks.

Tissue specific expression of the rat Ah-receptor and ARNT mRNAs.

Pathological findings in rabbits and sheep following the subacute administration of triphenyltin acetate.

Dithio-bis-mercaptoethanesulphonate (DIMESNA) does not prevent cellular damage by metabolites of ifosfamide and cyclophosphamide in LLC-PK1 cells.

Rapid desensitization of adrenaline- and neuropeptide Y-stimulated Ca²⁺ mobilization in HEL-cells.

Hemodialysis in metacresol poisoning.

Mouse cytochrome P-450EF, representative of a new 1B subfamily of cytochrome P-450s. Cloning, sequence determination, and tissue expression.

Cyclosporine enhances the synthesis of selected extracellular matrix proteins by renal cells "in culture". Different cell responses and phenotype characterization.

Comparative oxidation of 2-propyn-1-ol with other low molecular weight unsaturated and saturated primary alcohols by bovine liver catalase in vitro.

Hepatic uptake and metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,7,8-tetrachlorodibenzofuran.

Effects of smoking and drinking habits on urinary o-cresol excretion after occupational exposure to toluene vapor among Chinese workers.

Blockade of ovulation in the rat by the fungicide sodium N-methyldithiocarbamate: relationship between effects on the luteinizing hormone surge and alterations in hypothalamic catecholamines.

Tissue-specific constitutive and inducible expression of rat phenol UDP-glucuronosyltransferase.

Enzymatic reduction of xenobiotic alpha,beta-unsaturated ketones: formation of allyl alcohol metabolites from shogaol and dehydroparadol.

The oligosaccharides of the Fe(III)-Zn(II) purple acid phosphatase of the red kidney bean. Determination of the structure by a combination of matrix-assisted laser desorption/ionization mass spectrometry and selective enzymic degradation.

Purification and biochemical characterization of two major cytochrome P-450 isoforms induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in chick embryo liver.

Comparison of the urinary metabolite profiles of hexachlorobenzene and pentachlorobenzene in the rat.

Concentrations of urinary metabolites in workers exposed to monochlorobenzene and variation in the concentration during a workshift.

NTP Toxicology and Carcinogenesis Studies of o-Benzyl-p-Chlorophenol (CAS No. 120-32-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

X-ray microanalysis of renal proximal tubules in cadmium-treated rats.

Pharmacological classification and renal actions of diuretics.

Behavioral evidence for modified receptor sensitivity in rat brain induced by methyl bromide exposure.

Human pentachlorophenol poisoning.

Mechanism of cytotoxicity of paraquat. II. Organ specificity of paraquat-stimulated lipid peroxidation in the inner membrane of mitochondria.

Interaction of structurally similar pesticides with organic anion transport by primary cultures of winter flounder renal proximal tubule.

A health survey of workers in the pentachlorophenol section of a chemical manufacturing plant.

Effects of carbon tetrachloride, menadione, and paraquat on the urinary excretion of malondialdehyde, formaldehyde, acetaldehyde, and acetone in rats.

Biochemical and toxicological studies on the mixtures of three commonly-used herbicides in mice.

Mutagenic and carcinogenic pesticides used in the agricultural environment of Gaza Strip.

Haemotoxic effect of phenylurea herbicides in rats: role of haemoglobin-adduct formation in splenic toxicity.

Effect of alachlor on the urinary excretion of malondialdehyde, formaldehyde, acetaldehyde, and acetone by rats.

Acute and subacute toxicity of atrazine to carp (*Cyprinus carpio* L.).

[Intoxications by a weedkiller preparation containing glyphosate].

An epidemiological study of the health of Sri Lankan tea plantation workers associated with long term exposure to paraquat.

Nitrofen-induced congenital diaphragmatic defects in CD1 mice.

Atrazine in plasma and tissue following atrazine-aminotriazole-ethylene glycol-formaldehyde poisoning.

Kinetics of toxic doses of paraquat and the effects of hemoperfusion in the dog.

Application of microencapsulation for toxicology studies. III. Bioavailability of microencapsulated cinnamaldehyde.

Renal lesions induced in F344/DuCrj rats by 4-weeks oral administration of dimethylarsinic acid.

Alterations of peroxisomal function in ischemia-reperfusion injury of rat kidney.

The analysis of ifosfamide and its metabolites (review).

Hyperbaric oxygen treatment for experimental cyclophosphamide-induced hemorrhagic cystitis.

Effect of indomethacin, aspirin, nordihydroguaiaretic acid, and piperonyl butoxide on cyclophosphamide-induced bladder damage.

Detection of paraquat-induced in vivo lipid peroxidation by gas chromatography/mass spectrometry and high-pressure liquid chromatography.

Effect of ifosfamide metabolites on sodium-dependent phosphate transport in a model of proximal tubular cells (LLC-PK1) in culture.

Metabolism of N-[4-chloro-2-fluoro-5-[(1-methyl-2-propynyl)oxy]phenyl]-3,4,5,6-tetrahydrophthalimide (S-23121) in the rat. II. Absorption, disposition, excretion and biotransformation.

Metabolism of N-[4-chloro-2-fluoro-5-[(1-methyl-2-propynyl)oxy]phenyl]-3,4,5,6-tetrahydrophthalimide (S-23121) in the rat: I. Identification of a new, sulphonic acid type of conjugate.

Relationship of thermal and chemical tolerance to transepithelial transport by cultured flounder renal epithelium.

Modelling dermal pharmacokinetics using in vitro data. Part I. Fluazifop-butyl in the rat.

Tissue distribution and excretion of ¹⁴C-labelled cinnamic aldehyde following single and multiple oral administration in male Fischer 344 rats.

Human studies do not support the methylation threshold hypothesis for the toxicity of inorganic arsenic.

Autoxidation of cysteine generates hydrogen peroxide: cytotoxicity and attenuation by pyruvate.

Determination of atrazine metabolites in human urine: development of a biomarker of exposure.

Evidence for peroxidase-mediated metabolism of cyclophosphamide.

Comparison of the pharmacokinetics of 1,2-dimethyl-3-hydroxypyrid-4-one (L1) in healthy volunteers, with and without co-administration of ferrous sulfate, to thalassemia patients.

Subchronic toxicity of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

Resistance to aflatoxin B1 is associated with the expression of a novel aldo-keto reductase which has catalytic activity towards a cytotoxic aldehyde-containing metabolite of the toxin.

Phototoxicity of lumidoxycycline.

Collagen studies in newborn rat kidneys with incomplete ureteric obstruction.

A cationic protein from a urate-calcium oxalate stone: isolation and purification of a shared protein.

Thyroxine binding in a TTR Met 119 kindred.

Sodium azide protects against ischemia-induced acute renal failure in rats.

Transport of (2-chloroethyl)-3-sarcosinamide-1-nitrosourea in the human glioma cell line SK-MG-1 is mediated by an epinephrine-sensitive carrier system.

An acute model for IgA-mediated glomerular inflammation in rats induced by monoclonal polymeric rat IgA antibodies.

Purification of an autocrine growth factor homologous with mouse epithelin precursor from a highly tumorigenic cell line.

Renal and hepatic toxicity of monochloroacetanilides in the Fischer 344 rat.

Comparative immunochemistry and ontogeny of two closely related coated pit proteins. The 280-kd target of teratogenic antibodies and the 330-kd target of nephritogenic antibodies.

Opioid peptides in the rabbit carotid body: identification and evidence for co-utilization and interactions with dopamine.

Tumors produced in rats with a single dosage of 1,2-dimethylhydrazine.

The role of oxidative metabolism in hexachlorobenzene-induced porphyria and thyroid hormone homeostasis: a comparison with pentachlorobenzene in a 13-week feeding study.

Desensitization of beta-1 and beta-2, but not beta-3, adrenoceptor-mediated lipolytic responses of adipocytes after long-term norepinephrine infusion.

Effects of restricted feeding on the absorption, metabolism, and accumulation of pentachlorobenzene in rats.

Farming and prostate cancer mortality.

Teratogenicity and immunotoxicity of 3,3',4,4',5-pentachlorobiphenyl in C57BL/6 mice.

Unchanged protein binding of penbutolol in renal insufficiency: a possible role of carbamylation.

The mortality experience of workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin in a trichlorophenol process accident.

Phenol and p-cresol accumulated in uremic serum measured by HPLC with fluorescence detection.

Suppressive effect of an oral sorbent on the accumulation of p-cresol in the serum of experimental uremic rats.

Assessment of vitamin A status in pregnant women as reflected by in vitro destruction of vitamin A by hemolysates and urinary ammonium nitrogen to creatinine ratio.

Transport of choline by Madin-Darby canine kidney cells.

Roles of catalase and cytochrome c in hydroperoxide-dependent lipid peroxidation and chemiluminescence in rat heart and kidney mitochondria.

Purification and primary structure of a porcine kidney non-secretory ribonuclease.

Chlorate poisoning: mechanism of toxicity.

Tissue distribution and toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats after intravenous injection.

Cytochrome P4501A1 mediates the metabolism of 2,3,7,8-tetrachlorodibenzofuran in the rat and human.

Angiotensin II-mediated facilitation of sympathetic neurotransmission in the spontaneously hypertensive rat is not associated with neuronal uptake of the peptide.

Simple high-performance liquid chromatographic method to verify the direct barbituric acid assay for urinary cotinine.

Isolation and characterization of an intracellular serine proteinase inhibitor from a monkey kidney epithelial cell line.

Ifosfamide. Patient care management.

Methoxyresorufin and benzyloxyresorufin: substrates preferentially metabolized by cytochromes P4501A2 and 2B, respectively, in the rat and mouse.

Identification of a putative tyrosine-O-sulphate (TyrS) receptor possibly functioning in the biosynthetic transport of tyrosine-sulphated proteins in Madin-Darby canine kidney cells.

Distribution patterns of polychlorinated biphenyl congeners in harbor seal (*Phoca vitulina*) tissues: statistical analysis.

Role of P-glycoprotein in renal tubular secretion of digoxin in the isolated perfused rat kidney.

Simultaneous induction of sod, glutathione reductase, GSH, and ascorbate in liver and kidney correlates with survival during aging.

Modification by hydroxyl radicals of functional reactivity in rabbit lingual artery.

Human non-secretory ribonucleases. I. Purification, peptide mapping and lectin blotting analysis of the kidney, liver and spleen enzymes.

Modification of P450 activity and its effect on 1,2-dichlorobenzene toxicity in Fischer 344 rats.

[Toxicology of tobacco].

ATP-sensitive potassium channels in smooth muscle cells from guinea pig urinary bladder.

Porcine cerebroside sulfate activator: further structural characterization and disulfide identification.

NTP Toxicology and Carcinogenesis Studies of Pentachloroanisole (CAS No. 1825-21-4) in F344 Rats and B6C3F1 Mice (Feed Studies).

In vitro metabolism of cyanohydroxybutene: formation of a glutathione-S-transferase catalyzed product.

Effects of arsenite treatment on NAD(P)H:quinone acceptor oxidoreductase activity in liver, lung, kidney, and heart of the rat. Comparison to induction by the polyaromatic hydrocarbon, beta-naphthoflavone.

Determination of urinary arsenic and impact of dietary arsenic intake.

Measurements of year-long exposure to tree nursery workers using multiple pesticides.

Hepatic metabolism of toluene after gastrointestinal uptake in humans.

Investigations into the effects of various hepatotoxic compounds on urinary and liver taurine levels in rats.

Effects of acute sodium arsenite administration on the pulmonary chemical metabolizing enzymes, cytochrome P-450 monooxygenase, NAD(P)H:quinone acceptor oxidoreductase and glutathione S-transferase in guinea pig: comparison with effects in liver and kidney.

Comparative pharmacokinetics of ifosfamide, 4-hydroxyifosfamide, chloroacetaldehyde, and 2- and 3-dechloroethylifosfamide in patients on fractionated intravenous ifosfamide therapy.

Herbicides and cancer.

Nephrotoxicity of the 1:1 acrolein-glutathione adduct in the rat.

Changes in lipid peroxidation levels and lipid composition in the lungs, livers, kidneys and brains of mice treated with paraquat.

The kidney in the fetal rat model of congenital diaphragmatic hernia induced by nitrofen.

Inhibition of lipid peroxidation and cholesterol levels in mice by curcumin.

Antioxidant-dependent inhibition of diquat-induced toxicity in vivo.

Acute renal failure in a case of paraquat poisoning with relative absence of pulmonary toxicity.

Protective effects of antioxidants on paraquat-induced acute renal failure in mice.

Disposition, bioavailability, and serum protein binding of pentachlorophenol in the B6C3F1 mouse.

NTP technical report on the toxicity studies of Glyphosate (CAS No. 1071-83-6) Administered In Dosed Feed To F344/N Rats And B6C3F1 Mice.

Acrolein initiates rat urinary bladder carcinogenesis.

Prevention of acrolein-induced bladder injury by pentosanpolysulfate.

Excretion of formaldehyde, malondialdehyde, acetaldehyde and acetone in the urine of rats in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin, paraquat, endrin and carbon tetrachloride.

[Appearance of different panmyelopathies in the same patient].

Acute toxicological studies on paraquat: pathological findings in beagle dogs following single subcutaneous injections.

Upper gastrointestinal injury caused by diquat.

Subacute toxicity of paraquat in beagle dogs: clinicopathology and pathologic examinations.

2,4,5-trichlorophenoxyacetic acid influence on 2,6-dinitrotoluene-induced urine genotoxicity in Fischer 344 rats: effect on gastrointestinal microflora and enzyme activity.

Effects of ethyl 4-chloro-2-methylphenoxyacetate on bile composition in golden hamsters.

Morphological changes on nerves and histopathological effects on liver and kidney of rats by pentachlorophenol (PCP).

Effect of preinduction of metallothionein on paraquat toxicity in mice.

[Drug-induced acute renal failure].

Poisoning with 2,4-dichlorophenoxyacetic acid treated by hemodialysis.

Fatal paraquat poisoning: a light microscopic study in eight autopsy cases.

Renal cadmium deposition and injury as a result of accumulation of cadmium-metallothionein (CdMT) by the proximal convoluted tubules--A light microscopic autoradiography study with ¹⁰⁹CdMT.

Short-term hypothyroidism and vasopressin gene expression in the rat.

Inhibition of sodium-dependent transport systems in LLC-PK1 cells by metabolites of ifosfamide.

[Urinary excretion of mineral arsenic, methylarsonic acid and dimethylarsinic acid in workers exposed to gallium arsenide].

The effect of seafood consumption on the assessment of occupational exposure to arsenic by urinary arsenic speciation measurements.

Dermal absorption of the phenoxy herbicide 2,4-D dimethylamine in humans: effect of DEET and anatomic site.

Pharmacokinetics of fluzifop-butyl in human volunteers. II: Dermal dosing.

EPSP synthase: binding studies using isothermal titration microcalorimetry and equilibrium dialysis and their implications for ligand recognition and kinetic mechanism.

Comparative metabolism of the cysteine and homocysteine conjugates of propachlor by in situ perfused kidneys of rats.

Biotransformation of butachlor through mercapturic acid pathway in rat tissue homogenates.

Oral and dermal application of 2,4-dichlorophenoxyacetic acid sodium and dimethylamine salts to male rats: investigations on absorption and excretion as well as induction of hepatic mixed-function oxidase activities.

Effects of eating an uncooked vegetable diet for 1 week.

Reduced Leydig cell volume and function in adult rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin without a significant effect on spermatogenesis.

[Urinary N-acetyl-beta-D-glucosaminidase and gamma-glutamyl-transpeptidase activities for evaluation of renal disturbance in patients with multiple myeloma].

Ingested arsenic, keratoses, and bladder cancer.

Endoscopic treatment of vesicoureteral reflux with a self-detachable balloon system.

Urinary ortho-cresol concentrations as an indicator of toluene inhalation in glue-sniffers.

Extraembryonic tissue changes induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,4,7,8-pentachlorodibenzofuran with a note on direction of maternal blood flow in the labyrinth of C57BL/6N mice.

Cancer incidence following chlorophenol exposure in a community in southern Finland.

In utero and lactational exposure of male rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin. 1. Effects on androgenic status.

The role of occupational exposure and immunodeficiency in B-cell malignancies. Working Group on the Epidemiology of Hematolymphopoietic Malignancies in Italy.

Heat-shock responsive elements in the induction of the multidrug resistance gene (MDR1).

Chemical burn with cresol intoxication and multiple organ failure.

Cancer risk among Danish and Italian farmers.

Neutrophil accumulation in ischemic reperfused rat liver: evidence for a role for superoxide free radicals.

[Amounts of urinary metabolites of p-chloroaniline and their half lives in a patient with acute poisoning].

Molecular cloning of the human Goodpasture antigen demonstrates it to be the alpha 3 chain of type IV collagen.

Glycosylation-inhibiting factor from human T cell hybridomas constructed from peripheral blood lymphocytes of a bee venom-sensitive allergic patient.

Cassava cyanogens and konzo, an upper motoneuron disease found in Africa.

The N-terminal segment of protein AA determines its fibrillogenic property.

Development of a quantitative in vitro transformation assay for kidney epithelial cells.

Sex differences in monochloroacetate pretreatment effects on chloroform toxicity in rats.

Effects of herbimycin A derivatives on growth and differentiation of K562 human leukemic cells.

Limited PCB antagonism of TCDD-induced malformations in mice.

Toxicity of monochloroacetic acid administered by gavage to F344 rats and B6C3F1 mice for up to 13 weeks.

Extracellular matrix formation by epithelial cells from human polycystic kidney cysts in culture.

A prospective open-label study evaluating the efficacy and adverse reactions of the use of Niferex-150 in ESRD patients receiving EPOGEN.

Reactive oxygen metabolites in toxic acute renal failure.

Siderophore production and membrane alterations by *Bordetella pertussis* in response to iron starvation.

Identification of urinary metabolites of human subjects acutely poisoned by p-chloronitrobenzene.

Isolation and characterization of a brefeldin A-resistant mutant of monkey kidney Vero cells.

Murine strain differences in metabolism and bladder toxicity of cyclophosphamide.

Structural comparison between the mitochondrial aralkyl-CoA and arylacetyl-CoA N-acyltransferases.

Hypoxia-elicited contraction of aorta and coronary artery via removal of endothelium-derived nitric oxide.

Confirmation of low concentrations of urinary benzodiazepines, including alprazolam and triazolam, by GC/MS: an extractive alkylation procedure.

Use of multiple-cause mortality data in epidemiologic analyses: US rate and proportion files developed by the National Institute for Occupational Safety and Health and the National Cancer Institute.

Synergism among oxidants, proteinases, phospholipases, microbial hemolysins, cationic proteins, and cytokines.

The potentiation of 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity by tamoxifen in female CD1 mice.

Antioxidant defense mechanisms of endothelial cells and renal tubular epithelial cells in vitro: role of the glutathione redox cycle and catalase.

[Purification and properties of NAG A from human kidney].

Chemical modification of Glu-953 of the alpha chain of Na⁺,K⁽⁺⁾-ATPase associated with inactivation of cation occlusion.

NTP technical report on the toxicity studies of para-Chloro-alpha,alpha,alpha Trifluorotoluene (CAS NO: 98-56-6) Administered in Corn Oil and alpha-Cyclodextrin to F344/N Rats and B6C3F1 Mice in 14-Day Comparative Gavage Studies.

Metabolism of an imidazole fungicide (prochloraz) in the rat after oral administration.

Arsenic concentrations in tissues and body fluids of dogs on chronic low-level dietary sodium arsenite.

Molecular cloning of rat prostate transglutaminase complementary DNA. The major androgen-regulated protein DP1 of rat dorsal prostate and coagulating gland.

The primary structure of the flavoprotein D-aspartate oxidase from beef kidney.

Relation between airborne arsenic trioxide and urinary excretion of inorganic arsenic and its methylated metabolites.

Comparison of the effect of a mitochondrial uncoupler, 2,4-dinitrophenol and adrenaline on oxygen radical production in the isolated perfused rat liver.

Cyclophosphamide cystitis in rats: involvement of capsaicin-sensitive primary afferents.

Primary structure of hemocyanin subunit c from *Panulirus interruptus*.

Immunochemical analysis of human kidney reticulins.

[The mechanism of the renal excretion of disopyramide in rats. I].

Perinatal changes in the coupling of beta 1- and beta 3 adrenergic receptors to brown fat adenylyl cyclase.

NTP Toxicology and Carcinogenesis Studies of Methyl Bromide (CAS: 74-83-9) in B6C3F1 Mice (Inhalation Studies).

Flavin-containing monooxygenase-dependent stereoselective S-oxygenation and cytotoxicity of cysteine S-conjugates and mercapturates.

Liquid flow across the epithelium of the artificially perfused lung of fetal and postnatal sheep.

Serotonin and norepinephrine vasoconstriction in rat hindlimb have different oxygen requirements.

[Thermal distribution in the agar phantom by a new intracavitary RF applicator for prostate gland].

Purification and localization of brain-type creatine kinase in sodium chloride transporting epithelia of the spiny dogfish, *Squalus acanthias*.

An automated in vitro dermal absorption procedure: II. Comparative in vivo and in vitro dermal absorption of the herbicide fenoxaprop-ethyl (HOE 33171) in rats.

NTP Toxicology and Carcinogenesis Studies of Monochloroacetic Acid (CAS No. 79-11-8) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Amino acid sequence analyses of non-AA proteins from amyloid fibrils of bovine kidney.

Urinary excretion of o-cresol and hippuric acid after toluene exposure in rotogravure printing.

Tissue distribution of monochloroacetic acid and its binding to albumin in rats.

Brain microdialysis study of the effects of hazardous chemicals on the central nervous system. 1.
Changes in monoamine metabolites induced by cerebral methyl bromide administration measured by two-probe microdialysis (TPMD) method.

Failure of CAPD patients to respond to an oral iron absorption test.

Contrasting influences of central and peripheral opioids on cardiac baroreflex sensitivity in rabbits.

[Production of monoclonal antibody against diquat and its application for forensic medicine].

Pentachlorophenol toxicokinetics after intravenous and oral administration to rat.

Paraquat poisoning: findings on chest radiography and CT in 42 patients.

2,4-D toxicosis.III: An attempt to produce 2,4-D toxicosis in dogs on treated grass plots.

2,4-D toxicosis.II: A pilot study of clinical pathologic and electroencephalographic effects and residues of 2,4-D in orally dosed dogs.

Free radical-induced carbonyl content in protein of estrogen-treated hamsters assayed by sodium boro[³H]hydride reduction.

Oncogenicity study of trifluralin in B6C3F1 mice.

Comparison of one-electron reduction activity against the bipyridylum herbicides, paraquat and diquat, in microsomal and mitochondrial fractions of liver, lung and kidney (in vitro).

[Acute renal failure in surgical and emergency patients].

[Acute renal failure induced by non-drug chemical agents and contrast media].

Morphological effects of acute and chronic atrazine exposure in rainbow trout (*Oncorhynchus mykiss*).

Cytogenetic biomonitoring of an Italian population exposed to pesticides: chromosome aberration and sister-chromatid exchange analysis in peripheral blood lymphocytes.

[A case of suicide suspected of poisoning from taking some agricultural chemicals].

A fatal case of parenteral paraquat poisoning.

[Elevated pentachlorophenol in urine following Fungifen therapy].

Protective effect of taurine against acute paraquat intoxication in rats.

Taiwan National Poison Center survey of glyphosate--surfactant herbicide ingestions.

Protective effects of dextran sulfate and polyvinyl sulfate against acute toxicity of paraquat in mice.

Effects of acute 2,4-dichlorophenoxyacetic acid intoxication on some rat serum components and enzyme activities.

Uroprotection in patients receiving cyclophosphamide and ifosfamide.

Acute poisoning with a glyphosate-surfactant herbicide ('Roundup'): a review of 93 cases.

Cyclophosphamide-associated carcinoma of urothelium: modalities for prevention.

Enhanced lipid peroxidation is not necessary for induction of metallothionein-I by oxidative stress.

Dose-dependent increases in metallothionein synthesis in the lung and liver of paraquat-treated rats.

Tissue peroxidase in the normal and neoplastic salivary gland.

Hydrogen peroxide and ischemic renal injury: effect of catalase inhibition.

Residues of pentachlorophenol and other chlorinated contaminants in human tissues: analysis by electron capture gas chromatography and electron capture negative ion mass spectrometry.

Increase in metallothionein produced by chemicals that induce oxidative stress.

Metabolism of the thiocarbamate herbicide SUTAN in rats.

Occupational and environmental exposure to arsenic--increased urinary arsenic level in children.

Effects of Fe²⁺, Fe³⁺ and desferrioxamine on paraquat accumulation by rabbit kidney cortex slices.

Propachlor-S-glutathione metabolism by kidneys and ureters of calves.

[Results of the toxicokinetics of bromoxynil in rats].

Occupational exposure of forest workers to glyphosate during brush saw spraying work.

Urinary excretion of acetylcyanamide in rat and human after oral and dermal application of hydrogen cyanamide (H₂N₂CN).

Effect of pentachlorophenol on the activation of 2,6-dinitrotoluene to genotoxic urinary metabolites in CD-1 mice: a comparison of GI enzyme activities and urine mutagenicity.

Biological monitoring of 2,4-dichlorophenoxyacetic acid-exposed workers in agriculture and forestry.

Reversibility of the inhibitory effect of atrazine and lindane on cytosol 5 alpha-dihydrotestosterone receptor complex formation in rat prostate.

Cyclic AMP modulates differentially the release of dopamine induced by hypoxia and other stimuli and increases dopamine synthesis in the rabbit carotid body.

[Identification of urinary metabolites in a patient of acute poisoning by p-chloroaniline].

Hemolytic activity of ethylene glycol phenyl ether (EGPE) in rabbits.

Chloracne caused by ingestion of olive oil contaminated with PCDDs and PCDFs.

The acute effects of S-(1,2-dichlorovinyl)-L-cysteine and related chemicals on renal function and ultrastructure in the pentobarbital-anesthetized dog: structure-activity relationships, biotransformation, and unique site-specific nephrotoxicity.

Extracorporeal techniques in the treatment of poisoned patients.

Effect of modulators of glutathione synthesis on the hepatotoxicity of 2-methylfuran.

Ninety-day toxicity study of sodium monochloroacetate in Sprague-Dawley rats.

Dioxin contamination and growth and development in great blue heron embryos.

Hydronephrosis in mice exposed to TCDD-contaminated breast milk: identification of the peak period of sensitivity and assessment of potential recovery.

Evaluation of the persistence of hydronephrosis induced in mice following in utero and/or lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

N-terminal amino-acid sequence of pig kidney dipeptidyl peptidase IV solubilized by autolysis.

TCDD exposure of human embryonic palatal shelves in organ culture alters the differentiation of medial epithelial cells.

Teratogenic effects of 2,3,7,8-tetrabromodibenzo-p-dioxin and three polybrominated dibenzofurans in C57BL/6N mice.

[Determination of beta-N-acetylglucosaminidase and albumin in urine: comparison of methods and effect of gel filtration in human and rat urine].

Roles of UDP-glucuronosyltransferases in chemical carcinogenesis.

Chronic inhalation toxicity and carcinogenicity study of methyl bromide in Wistar rats.

Polycythemia in diabetic patients on CAPD.

Single-dose cyclophosphamide for the prevention of bladder tumor implantation in F344 rats: site of drug activity.

NTP technical report on the toxicity studies of Cresols (CAS Nos. 95-48-7, 108-39-4, 106-44-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Amino-terminal sequence homology of two chick kidney mitochondrial proteins immunisolated with monoclonal antibodies to the cytochrome P450 of 25-hydroxyvitamin D3-1 alpha-hydroxylase.

Chemoprotectants for cancer chemotherapy.

Mitochondrial phosphate transport. Import of the H⁺/Pi symporter and role of the presequence.

Toxicity and tissue distribution of pentachlorophenol and permethrin in pipistrelle bats experimentally exposed to treated timber.

Relative roles of metabolism and renal excretory mechanisms in xenobiotic elimination by fish.

Identification of urinary metabolites in rats treated with p-chloronitrobenzene.

Increased copper concentrations in rat tissues after acute intoxication with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Determination of free concentration of piroxicam and naproxen in plasma. The influence of experimental conditions in equilibrium dialysis.

Quantitation of urinary chlorobenzene metabolites by HPLC: concentrations of 4-chlorocatechol and chlorophenols in urine and of chlorobenzene in biological specimens of subjects exposed to chlorobenzene.

Ten- and ninety-day toxicity studies of 1,2-dichlorobenzene administered by oral gavage to Sprague-Dawley rats.

Urinary excretion of chlorinated phenols in saw-mill workers.

Drug interaction effects on antitumour drugs (VIII): prevention of ifosfamide-induced urotoxicity by disulfiram and its effect on antitumour activity and acute toxicity of alkylating agents in mice.

Characterization of the cytochrome P450 isozyme that metabolizes ochratoxin A, using metabolic inducers, inhibitors and antibodies.

Accumulation and release of adrenaline, and the modulation by adrenaline of noradrenaline release from rabbit blood vessels in vitro.

Factors influencing the protein binding of bumetanide using an equilibrium dialysis technique.

Characterization of the renal effects and renal elimination of sulotroban in the dog.

Inducible bilirubin-degrading system of rat liver microsomes: role of cytochrome P450IA1.

The metabolism and excretion of prochloraz, an imidazole-based fungicide, in the rat.

Identification of cysteine residues in lamb kidney (Na,K)-ATPase essential for ouabain binding.

Pig kidney 3,4-dihydroxyphenylalanine (dopa) decarboxylase. Primary structure and relationships to other amino acid decarboxylases.

The liver, kidney, and thyroid toxicity of chlorinated benzenes.

Meprin-A and -B. Cell surface endopeptidases of the mouse kidney.

Development and validation of a fluoroimmunoassay for urinary normetanephrine.

Mitochondrial 3-2trans-Enoyl-CoA isomerase. Purification, cloning, expression, and mitochondrial import of the key enzyme of unsaturated fatty acid beta-oxidation.

[Uptake of adrenaline by rat brain synaptosomes. Effects of several psychotropic drugs].

Uptake of glutathione by renal cortical mitochondria.

In vitro identification of a soluble protein:geranylgeranyl transferase from rat tissues.

The pyrimido-pyrimidine derivative RA-642: a potent inhibitor of ferrous-induced lipid peroxidation in cell membranes.

Metabolism of ¹⁴C-dichloroethyne in rats.

Protamine-coated Cuprophan. A potential nonthrombogenic hemodialysis membrane with improved blood compatibility.

Interaction between dietary vitamin A and single oral doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the TCDD-induced toxicity and on the vitamin A status in the rat.

Evidence for the formation of a known toxin, p-cresol, from menthofuran.

Calcium binding to human platelet integrin GPIIb/IIIa and to its constituent glycoproteins. Effects of lipids and temperature.

Differential effects of insulin, epinephrine, and glucagon on rat hepatocyte mitochondrial activity.

Transport of organic cations by a renal epithelial cell line (OK).

Transport of cyclosporin A in kidney epithelial cell line (LLC-PK1).

Cytotoxicity of alkylating agents in isolated rat kidney proximal tubular and distal tubular cells.

Pre-embarkment prognostication for acute paraquat poisoning.

Haemodialysis/haemoperfusion in paraquat poisoning.

[Exposure to agricultural chemicals and oncogenic risk].

Effects of pentachlorophenol and other chemical preservatives on the health of wood-treating workers in Hawaii.

Paraquat poisoning. An overview of the current status.

Toxicokinetics of monochloroacetic acid: a whole-body autoradiography study.

[The effect of chronic butyphos poisoning on protein and nucleic acid synthesis in various rat organs and activity of blood cholinesterase].

Urinary paraquat in acute intoxication.

Initial accumulation of paraquat in the heart leading to acute death.

Chronic toxicity of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in mice.

[Use of extracorporeal circulation in the treatment of 2,4-dichlorophenoxyacetic acid poisoning].

Toxicokinetics of paraquat in humans.

Paraquat pharmacokinetics using a subcutaneous toxic low dose in the rat.

[Distribution and elimination of C-14-2,4-dichlorophenoxyacetic acid (2,4 D) in rat tissues in acute poisoning].

Biological valuation of extra-corporeal techniques in acute poisoning.

Determination of diquat in biological materials by electron spin resonance spectroscopy.

Free malondialdehyde levels in the urine of rats intoxicated with paraquat.

The effects of lindane and linuron on calcium metabolism, bone morphometry and the kidney in rats.

Effect of beta-naphthoflavone and MCPA on liver and kidney drug-metabolizing enzymes from the carp, *Cyprinus carpio*.

Fibronectin-mediated Calmette-Guerin bacillus attachment to murine bladder mucosa. Requirement for the expression of an antitumor response.

Alterations of arachidonate metabolism in cardiovascular system by cigarette smoking.

Effects of skin preapplication treatments and postapplication cleansing agents on dermal absorption of 2,4-dichlorophenoxyacetic acid dimethylamine by Fischer 344 rats.

Renal processing of glutathione conjugates by rat, chicken, pig and calf.

Immunohistochemical localization and dynamics of paraquat in small intestine, liver and kidney.

Pharmacokinetics and metabolism of triclopyr (3,5,6-trichloro-2-pyridinyloxyacetic acid) in Fischer 344 rats.

Effects of sulfur-containing metabolites of hexachlorobenzene on the heme metabolic enzymes in rat liver.

Metabolism of the glutathione conjugate of propachlor by in situ perfused kidneys and livers of rats.

Effects of dose, age, inhibition of metabolism and elimination on the toxicokinetics of 2-butoxyethanol and its metabolites.

[Negativation of tissue paraquat levels under continuous arteriovenous hemodialysis after accidental poisoning].

Dermal absorption of the phenoxy herbicides 2,4-D, 2,4-D amine, 2,4-D isooctyl, and 2,4,5-T in rabbits, rats, rhesus monkeys, and humans: a cross-species comparison.

Role of xanthine oxidase in ethanol-induced lipid peroxidation in rats.

Effects of acrolein on human platelet aggregation.

Accumulation and metabolism of 2,4,6-trichlorophenyl-4'-aminophenyl ether by carp.

Electron dense artefactual deposits in tissue sections: the role of ethanol, uranyl acetate and phosphate buffer.

TCDD-induced altered expression of growth factors may have a role in producing cleft palate and enhancing the incidence of clefts after coadministration of retinoic acid and TCDD.

Reactive oxygen metabolites in endotoxin-induced acute renal failure in rats.

A critical review of the developmental toxicity and teratogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: recent advances toward understanding the mechanism.

The effect of TCDD on acyl CoA:retinol acyltransferase activity and vitamin A accumulation in the kidney of male Sprague-Dawley rats.

Thermogenesis and thermoregulatory function of iron-deficient women without anemia.

[Excretion of phenol and p-cresol in the urine in fasting obese individuals and in persons treated with total enteral nutrition].

Immunoglobulin heavy-chain-associated amyloidosis.

Oxygen extraction in lamb skeletal muscle.

Characterization of the peak period of sensitivity for the induction of hydronephrosis in C57BL/6N mice following exposure to 2,3,7, 8-tetrachlorodibenzo-p-dioxin.

Two cases of acute toluene intoxication.

Occupation and the risk of bladder cancer.

Characterization of ATP and calmodulin-binding properties of a truncated form of Bacillus anthracis adenylate cyclase.

Rat embryonic palatal shelves respond to TCDD in organ culture.

[Effect of monoamine neurotransmitters in the hypothalamus in a cortisol-induced rat model of yang-deficiency].

Hormone-dependent phosphorylation of the glucocorticoid receptor occurs mainly in the amino-terminal transactivation domain.

Molecular cloning of a cDNA encoding a major pathogenic domain of the Heymann nephritis antigen gp330.

A 42-kD tyrosine kinase substrate linked to chromaffin cell secretion exhibits an associated MAP kinase activity and is highly related to a 42-kD mitogen-stimulated protein in fibroblasts.

Ethylene dichloride: the influence of disulfiram or ethanol on oncogenicity, metabolism, and DNA covalent binding in rats.

Tissue distribution, metabolism, and excretion of 14C-TCDD in a TCDD-susceptible and a TCDD-resistant rat strain.

Unintentional methyl bromide gas release--Florida, 1988.

Heat shock and arsenite increase expression of the multidrug resistance (MDR1) gene in human renal carcinoma cells.

Effects of TCDD on embryonic ureteric epithelial EGF receptor expression and cell proliferation.

Epidemic hypotension in a dialysis center caused by sodium azide.

Urinary levels of proteins and metabolites in workers exposed to toluene. A cross-sectional study.

Epidemiologic studies of cancer in agricultural workers.

Absorption, distribution, excretion and metabolism of a single oral dose of [14C]tri-o-cresyl phosphate (TOCP) in the male rat.

Effects of glutathione depletion on the acute nephrotoxic potential of arsenite and on arsenic metabolism in hamsters.

Alteration in protein synthesis in primary cultures of rat kidney proximal tubule epithelial cells by exposure to gallium, indium, and arsenite.

Memory consolidation of weak training experiences by hormonal treatments.

Effects of the food mutagens MeIQx and PhIP on the expression of cytochrome P450IA proteins in various tissues of male and female rats.

Metabolism and covalent binding of [14C]toluene by human and rat liver microsomal fractions and liver slices.

myo-inositol oxygenase from rat kidneys. Substrate-dependent oligomerization.

Characterization of the interaction of parathyroid hormone with the mitochondrial ATPase.

Self-catalyzed irreversible inactivation of rat hepatic aryl sulfotransferase IV by N-hydroxy-2-acetylaminofluorene.

Changes in rat brain monoamines, monoamine metabolites and histamine after a single administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Interaction of Mesna (2-mercaptoethane sulfonate) with the mutagenicity of cyclophosphamide in vitro and in vivo.

Evidence for the absence of cysteine S-conjugate N-acetyltransferase activity in the metabolism of propachlor, naphthalene, and dichlobanil in calves.

[Ifosfamide-induced urinary bladder lesion and its inhibition by mesna].

Norepinephrine and BRL 37344 stimulate adenylate cyclase by different receptors in rat brown adipose tissue.

Contact site between inner and outer mitochondrial membrane: a dynamic microcompartment for creatine kinase activity.

Inorganic arsenic methylation by rat tissue slices.

Complete amino acid sequence of rat kidney ornithine aminotransferase: identity with liver ornithine aminotransferase.

The role of cytochromes P-450 and flavin-containing monooxygenase in the metabolism of (S)-nicotine by rabbit lung.

Glutathione enhancement in various mouse organs and protection by glutathione isopropyl ester against liver injury.

Sequence analysis, tissue distribution and regulation by cell depolarization, and second messengers of bovine secretogranin II (chromogranin C) mRNA.

³¹P NMR studies of ATP concentrations and Pi-ATP exchange in the rat kidney in vivo: effects of inhibiting and stimulating renal metabolism.

[Locomotor activity and urinary excretion of orthocresol in rats exposed to toluene].

Sodium-dependent phosphate transport in primary cultures of renal tubule cells from young and adult rats.

Age-related DNA modifications (I-compounds): modulation by physiological and pathological processes.

Selective affinity labeling of a 27-kDa integral membrane protein in rat liver and kidney with N-bromoacetyl derivatives of L-thyroxine and 3,5,3'-triiodo-L-thyronine.

2,3,7,8-Tetrachlorodibenzo-p-dioxin pretreatment of female mice altered tissue distribution but not hepatic metabolism of a subsequent dose.

NTP Toxicology and Carcinogenesis Studies of Iodinated Glycerol (Organidin(R)) (CAS No. 5634-39-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Oxidant-induced haemoprotein degradation in rat tissue slices: effect of bromotrichloromethane, antioxidants and chelators.

Effects of TCDD on vitamin A status and liver microsomal enzyme activities in a TCDD-susceptible and a TCDD-resistant rat strain.

Effect of gel filtration on urinary N-acetyl-beta-D-glucosaminidase activity measured by the m-cresolsulfonphthaleinyl procedure.

Glutathione conjugation and cytochrome P-450 metabolism of methyl chloride in vitro.

Sodium-azide-evoked noradrenaline release from peripheral nerves of rabbit pulmonary artery.

Exposure to toluene increases the urinary excretion of D-glucaric acid.

Characteristics of apical Cl-HCO₃ exchanger of bicarbonate-secreting cells in turtle bladder.

Oxidative stress induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

DNA cleavage by phenylhydroquinone: the major metabolite of a fungicide o-phenylphenol.

Hepatotoxin-induced hypertauninuria: a proton NMR study.

Disposition, elimination, and metabolism of tri-o-cresyl phosphate following daily oral administration in Fischer 344 male rats.

Pre-natal (segment II) toxicity study of cinnamic aldehyde in the Sprague-Dawley rat.

Diquat hepatotoxicity in the Fischer-344 rat: the role of covalent binding to tissue proteins and lipids.

Total exclusion from external respiration protects lungs from development of fibrosis after paraquat intoxication.

Oral and dermal pharmacokinetics of triclopyr in human volunteers.

HPLC measurement of chlorophenoxy herbicides, bromoxynil, and ioxynil, in biological specimens to aid diagnosis of acute poisoning.

[Failure of a cyclophosphamide-dexamethasone combination in paraquat poisoning].

[Clinical studies on paraquat poisoning; prognosis and severity index of paraquat poisoning using the urine levels].

[Evaluation of the capability of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine and pyridine derivatives to evoke parkinsonism].

Effects of preconceptional and gestational exposure to Tordon 202c on fetal growth and development in CD-1 mice.

Preventive effect of taurine against acute paraquat intoxication in beagles.

Penetration studies and residue determinations of 2,4-dichlorophenoxyacetic acid butyl ester in fertile hen eggs and chicks hatched from treated eggs.

Urological complications of cyclophosphamide.

Paraquat poisoning with acute renal failure--a case report.

Production and toxicological application of anti-paraquat antibodies.

Rat urinary bladder epithelial lesions induced by acrolein.

Effect of paraquat administered intraperitoneally on the nonpolar lipids of rabbits.

[Paraquat and diquat: mechanisms of toxicity].

Determination of paraquat in raw and formalin-fixed tissues by electron spin resonance (ESR) spectroscopy.

The relation between the oxidative biotransformation of hexachlorobenzene and its porphyrinogenic activity.

Enhanced in vivo H₂O₂ generation by rat kidney in glycerol-induced renal failure.

Brain biogenic amine levels after methanol administration: possible mechanism of action on central monoaminergic neurons in discrete areas of brain in Wistar rat.

The role of sulfation in the metabolic activation of N-hydroxy-4'-fluoro-4-acetylamino-biphenyl.

Hydroxylamine is a vasorelaxant and a possible intermediate in the oxidative conversion of L-arginine to nitric oxide.

Renal handling of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in rats.

Inhibition of paraquat accumulation in rabbit kidney cortex slices by ascorbic acid.

Contraluminal organic anion and cation transport in the proximal renal tubule: V. Interaction with sulfamoyl- and phenoxy diuretics, and with beta-lactam antibiotics.

N-methylation as a toxication route for xenobiotics. II. In vivo formation of N,N'-dimethyl-4,4'-bipyridyl ion (paraquat) from 4,4'-bipyridyl in the guinea pig.

Metallothionein-I accumulation in the rat lung following a single paraquat administration.

In vivo generation of hydrogen peroxide by rat kidney cortex and glomeruli.

Disposition of 2,4-dichlorophenoxyacetic acid dimethylamine by Fischer 344 rats dosed orally and dermally.

Catalase is needed to avoid tissue peroxidation in *Rana perezi* in normoxia.

Biological monitoring of arsenic exposure of gallium arsenide- and inorganic arsenic-exposed workers by determination of inorganic arsenic and its metabolites in urine and hair.

Effects of the beta-isomer of hexachlorocyclohexane on estrogen-sensitive human mammary tumor cells.

Effect of tetrachlorodibenzo-p-dioxin (TCDD) on the glucuronidation of retinoic acid in the rat.

Mechanism of tolerance to renal ischemia in harbor seal: role of membranes.

Iron management during recombinant human erythropoietin therapy.

Teratology of 2,3,7,8-tetrachlorodibenzo-p-dioxin in a complex environmental mixture from the love canal.

Cellular alterations and enhanced induction of cleft palate after coadministration of retinoic acid and TCDD.

Iron deficiency among active men.

From the Food and Drug Administration.

Retinoic acid and 2,3,7,8-tetrachlorodibenzo-p-dioxin selectively enhance teratogenesis in C57BL/6N mice.

Developmental toxicity of perfluorodecanoic acid in C57BL/6N mice.

Separation methods for the study of collagen and treatment of collagen disorders.

Histopathological effects of monosodium methanearsonate (MSMA) on New Zealand white rabbits (*Oryctolagus cuniculus*).

Reversible downregulation of thiazide diuretic receptors by acute renal ischemia.

Iron status in patients receiving erythropoietin for dialysis-associated anemia.

Psychosocial determinants of compliance in adolescents with iron deficiency.

A pharmacological approach to cellular mechanisms of PGI₂-induced gastric cytoprotection on ethanol-induced gastric mucosal damage in rats.

A comparison of exposure estimates by worker raters and industrial hygienists.

Very high water permeability in vasopressin-induced endocytic vesicles from toad urinary bladder.

Phorbol myristate acetate inhibits acidification by turtle urinary bladder.

The neutrophil chemoattractant produced by the rat kidney epithelioid cell line NRK-52E is a protein related to the KC/gro protein.

[The induction of the beta state of the comuton regulation of mitochondrial oxidative phosphorylation by 2,4-DNP and malonate].

Effect of dietary lipids and vitamin E on in vitro lipid peroxidation in rat liver and kidney homogenates.

Marked alterations in retinoid homeostasis of Sprague-Dawley rats induced by a single i.p. dose of 10 micrograms/kg of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Purification of recombinant human tissue factor.

Preparation of a volatile derivative of taurine and application to gas chromatographic determination of urinary taurine.

Plasma concentrations of pituitary hormones in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated male rats.

Variable porosity of the mitochondrial inner membrane induced by energization.

Sulphotransferase-mediated activation of the carcinogen 5-hydroxymethyl-chrysene. Species and sex differences in tissue distribution of the enzyme activity and a possible participation of hydroxysteroid sulphotransferases.

Effects of the new nitrosoarea derivative, fotemustine, on the glutathione reductase activity in rat tissues in vivo and in isolated rat hepatocytes.

Immunocytochemical localization of intracellular acidic compartments: rat proximal nephron.

[Urinary bioavailability of sodium-2-mercaptoethanesulfonate (Uromitexan) following intravenous, subcutaneous and continuous subcutaneous administration].

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters embryonic palatal medial epithelial cell differentiation in vitro.

Intestinal-like alkaline phosphatase expressed in normal human adult kidney.

Presence of multiple species of polypeptides immunologically related to transcription factor TFIIIA in adult *Xenopus* tissues.

Characterization of multiple forms of the Ah receptor: comparison of species and tissues.

Homology between the cDNAs encoding phosphoprotein p19 and SCG10 reveals a novel mammalian gene family preferentially expressed in developing brain.

Modulation of benthocarb in vitro inhibited neonate rat (Wistar strain) brain Na⁺K⁺-ATPase by norepinephrine.

Stimulation of in vivo hepatic uptake and in vitro hepatic binding of [125I]2-Iodo-3,7,8-trichlorodibenzo-p-dioxin by the administration of agonist for the Ah receptor.

Metabolic activation and nucleic acid binding of acetaminophen and related arylamine substrates by the respiratory burst of human granulocytes.

Urinary arsenic concentrations and speciation in Cornwall residents.

FDA safety alert: sodium azide contamination of hemodialysis water supplies.

[Application of high-pressure liquid chromatography in the analysis of urinary metabolites of aromatic solvents].

Decreased ligand binding to the hepatic glucocorticoid and epidermal growth factor receptors after 2,3,4,7,8-pentachlorodibenzofuran and 1,2,3,4,7,8-hexachlorodibenzofuran treatment of pregnant mice.

Acetazolamide inhibits acidification by the turtle bladder independent of cell pH.

Iron stimulation of free radical-mediated porphyrinogen oxidation by hepatic and renal mitochondria.

Multiple forms of recombinant murine interleukin-4 expressed in COS-7 monkey kidney cells.

In vivo and in vitro studies of the hepatotoxic effects of 4-chlorophenol in mice.

NTP Toxicology and Carcinogenesis Studies of Two Pentachlorophenol Technical-Grade Mixtures (CAS No. 87-86-5) in B6C3F1 Mice (Feed Studies).

Analysis of the hyperpolarizing effect of catecholamines on canine cardiac Purkinje fibres.

Influence of 2,3-dimercaptopropane-1-sulfonate and dimercaptosuccinic acid on the mobilization of mercury from tissues of rats pretreated with mercuric chloride, phenylmercury acetate or mercury vapors.

Comparison of in vitro, animal, and clinical determinations of iron bioavailability: International Nutritional Anemia Consultative Group Task Force report on iron bioavailability.

Molecular differences between rat-liver and rat-kidney biliverdin reductase. Implications for their in vivo regulation.

Effect of splenectomy on heparin treatment in allyl-alcohol-traumatized rat liver.

[Method for simultaneous determination of six metabolites of toluene, xylene and ethylbenzene, and its application to exposure monitoring of workers in a printing factory with gravure machines].

The use of multiple endpoints to define the mechanism of action of reproductive toxicants and germ cell mutagens.

[Modification of the toxic effects of phenylmercury by adaptive reactions of the rat kidney. 2. Adaptation to phenylmercury acetate, cadmium chloride and cupric chloride].

[The modification of the toxic effects of phenyl mercury by the adaptive reactions of the rat kidney. 1. Timely development of adaptation].

Human urinary kallikrein: amino acid sequence and carbohydrate attachment sites.

Human urinary prokallikrein--structural analysis on activation mechanism.

[Levels of metabolites of selected chemical compounds in the urine of workers in pitch coke plant].

Sodium-azide-evoked noradrenaline and catecholamine release from peripheral sympathetic nerves and chromaffin cells.

Characteristics of chloride ion influx in *Amphiuma* small intestine.

Synthesis and regional mouse brain distribution of [¹¹C]nisoxetine, a norepinephrine uptake inhibitor.

Pig kidney dopa decarboxylase: inactivation by iodoacetamide and sequence of the carboxyamidomethylcysteine-containing peptide.

Health and reproductive outcomes among American Legionnaires in relation to combat and herbicide exposure in Vietnam.

Effects of sodium 2,4-dichlorophenoxyacetate on renal function in the rat.

[Morphologic and histoenzymatic studies of rat kidneys after acute 2,4-dichlorophenoxyacetic acid (2,4-D) poisoning].

Functional teratogens of the rat kidney. II. Nitrofen and ethylenethiourea.

Functional teratogens of the rat kidney. I. Colchicine, dinoseb, and methyl salicylate.

Influence of bipyridylium compounds on microsomal mixed-function oxidation activities.

Brain damage due to paraquat poisoning: a fatal case with neuropathological examination of the brain.

Paraquat poisoning: biological presentation.

Oxidant stress following renal ischemia: changes in the glutathione redox ratio.

Lipid peroxidation and tissue injury by ferric citrate in paraquat-intoxicated mice.

Toxicity and distribution of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in developing chick embryos.

Marked hypocalcemia in a fatal poisoning with chlorinated phenoxy acid derivatives.

[Failure of chemotherapy and radiotherapy in pulmonary fibrosis caused by paraquat].

Immune-mediated glomerulonephritis after exposure to paraquat.

Failure of haemoperfusion and haemodialysis to prevent death in paraquat poisoning. A retrospective review of 42 patients.

Host defence mechanisms in the bladder. II. Disruption of the layer of mucus.

Protective effect of alpha-human atrial natriuretic polypeptide (alpha-hANP) on chemical-induced pulmonary edema.

DNA damage in stomach, kidney, liver and lung of rats treated with atrazine.

Urinary atrazine metabolites as indicators for rat and human exposure to atrazine.

Effect of 4-hydroxy-2,3-trans-nonenal on platelet function.

Organ-specific effects of long term feeding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 1,2,3,7,8-pentachlorodibenzo-p-dioxin on I-compounds in hepatic and renal DNA of female Sprague-Dawley rats.

Significance of fibrin/fibrinogen related antigen in glomeruli in children with IgA nephropathy.

Toxicology and pathology of methyl bromide in F344 rats and B6C3F1 mice following repeated inhalation exposure.

Endogenous opiate modulation of baroreflexes in normotensive and hypertensive rats.

Steroid hormones and medications that alter cancer risks.

Comparative acute systemic toxicity of sodium arsenite and dichloro(2-chlorovinyl)arsine in rabbits.

Intraglomerular deposition of fibrin/fibrinogen-related antigen in children with various renal diseases.

Kappa/lambda immunoglobulin distribution in Graves' thyroid-stimulating antibodies. Simultaneous analysis of C lambda gene polymorphisms.

(De)phosphorylation agents influence 5 alpha-reduction of testosterone in human prostate.

Intermediary metabolism of 2,6-dichlorobenzonitrile (dichlobenil) in chickens and growth of chickens fed dichlobenil.

The significance of the dilated renal pelvis in the nitrofen-exposed rat fetus: effects on morphology and function.

Microbial amino acid metabolites and bladder cancer: no evidence of promoting activity in man.

Selective alteration in blood-brain barrier and insulin transport in iron-deficient rats.

Reversal of transformed phenotypes by herbimycin A in src oncogene expressed rat fibroblasts.

A crucial role of ongoing anaerobic glycolysis in attenuating acute ischemia-induced release of myocardial noradrenaline.

Species differences in 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity and biotransformation in fish.

Synthetic peptides corresponding to protective epitopes of Escherichia coli digalactoside-binding pilin prevent infection in a murine pyelonephritis model.

Abnormal methylation capacity in human liver cirrhosis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in yellow perch (*Perca flavescens*).

Morphologic lesions and acute toxicity in rainbow trout (*Salmo gairdneri*) treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Synthesis of ¹¹C-methylated inulin as a radiopharmaceutical for imaging brain edema and pulmonary edema.

Validity and reliability of a method for retrospective evaluation of chlorophenolate exposure in the lumber industry.

Panulirus interruptus hemocyanin. The amino acid sequence of subunit b and anomalous behaviour of subunits a and b on polyacrylamide gel electrophoresis in the presence of SDS.

Quantitative evaluation of collagen fractions separated by acrylamide gel electrophoresis: its application for collagen typing in normal and pathological tissues.

NTP Toxicology and Carcinogenesis Studies of C.I. Acid Orange 3 (CAS No. 6373-74-6) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Subchronic metabolic effects and toxicity of a simulated pulp mill effluent on juvenile lake trout, *Salmo trutta m. lacustris*.

Organic cation uptake by a cultured renal epithelium.

Assessment of the relative hazard involved with airborne irritants with additional hepatotoxic or nephrotoxic properties in mice.

Hydroperoxide metabolism of amphibia: tissue catalases of leopard frogs.

Micromethods in single muscle fibers. 1. Determination of catalase and superoxide dismutase.

Oxidation of N-butyl-N-(3-formylpropyl)nitrosamine to N-butyl-N-(3-carboxypropyl)nitrosamine in rat liver and inhibition by disulfiram.

Ifosfamide and mesna: marginally active in patients with advanced carcinoma of the pancreas.

Gas chromatographic determination of sulfuric acid and application to urinary sulfate.

The metabolism of acetaldehyde and not acetaldehyde itself is responsible for in vivo ethanol-induced lipid peroxidation in rats.

Metabolites of [³-¹³C]1,2-dibromo-3-chloropropane in male rats studied by ¹³C and ¹H-¹³C correlated two-dimensional NMR spectroscopy.

Purification and characterization of the Mg²⁺-ATPase from rabbit skeletal muscle transverse tubule.

Renal handling of amino acid ^{99m}technetium chelates.

The beta-subunit of the bovine mitochondrial F₁ ATPase specifically binds the amino terminal domain of parathyroid hormone.

Analysis of the in vivo phosphorylation state of rabbit skeletal muscle glycogen synthase by fast-atom-bombardment mass spectrometry.

NTP Toxicology and Carcinogenesis Studies of Monuron (CAS No. 150-68-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Hepatotoxicity of cyclophosphamide in man: pharmacokinetic analysis.

Primary structure of a non-secretory ribonuclease from bovine kidney.

Autoradiographic studies of the renal clearance of circulating type I collagen fragments in the rat.

Plasma gamma-hexachlorocyclohexane concentrations in forestry workers exposed to lindane.

Immunological characterization of thioltransferase from pig liver.

Partial characterization of specific cantharidin binding sites in mouse tissues.

Biosynthesis, import and processing of precursor polypeptides of mammalian mitochondrial pyruvate dehydrogenase complex.

The use of in vivo brain dialysis of dopamine, acetylcholine, amino acids and lactic acid in studies on the neurotoxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP).

Purification, properties, and immunochemical localization of a receptor for intrinsic factor-cobalamin complex in the rat kidney.

A kidney perfusion method for metabolism studies with chickens using propachlor as a model.

Elevation of acetylpolyamine levels in mouse tissues, serum and urine after treatment with radical-producing drugs and lipopolysaccharide.

Amino acid sequences of the human kidney cathepsins H and L.

Extracellular lactic acid as an indicator of brain metabolism: continuous on-line measurement in conscious, freely moving rats with intrastriatal dialysis.

Purification and characterization of two kinds of low molecular weight kininogens from rat (non-inflamed) plasma. One resistant and the second sensitive to rat glandular kallikreins.

Relationship between exposure to toluene and excretion of urinary metabolites in Korean female solvent workers.

[Cases of severe methyl bromide poisoning residing above a warehouse].

Comparison of the action of epinephrine and a respiratory chain uncoupler, 2,4-dinitrophenol, on Ca²⁺-mobilization in isolated hepatocytes and perfused livers.

Accumulation of aluminum by rabbit renal cortex.

Mutual metabolic suppression between benzene and toluene in man.

Renal metabolic/excretory coupling.

Effects of phenolic dental medicaments on prostaglandin synthesis by microsomes of bovine tooth pulp and rabbit kidney medulla.

Uptake, distribution, and metabolism of trivalent arsenic in the pregnant mouse.

Nephrotoxicity of orellanine, a toxin from the mushroom *Cortinarius orellanus*.

Current status of thrombopoietin.

[Kidney damage after peroral poisoning with herbicides].

Acute, pharmacokinetic, and subchronic toxicological studies of 2,4-dichlorophenoxyacetic acid.

Ontogeny of swimming behavior and brain catecholamine turnover in rats prenatally exposed to a mixture of 2,4-dichlorophenoxyacetic and 2,4,5-trichlorophenoxyacetic acids.

[Paraquat poisoning treated with hemoperfusion].

Evaluation of paraquat concentrations in paraquat poisoning.

Paraquat (gramoxone) poisoning in south-west Hungary, 1977-1984. Toxicological and histopathological aspects of group intoxication cases.

Primary cultures of rat aortic endothelial and smooth muscle cells: I. An in vitro model to study xenobiotic-induced vascular cytotoxicity.

[Therapy of paraquat poisoning].

Haemodialysis for paraquat poisoning.

Indirect influence of s-triazines on rat gonadotropic mechanism at early postnatal period.

Repeated hemoperfusion and continuous arteriovenous hemofiltration in a paraquat poisoned patient.

Elimination of paraquat.

The search for ideal antidote treatment in Gramoxone intoxication.

Metabolic basis of ethylene glycol monobutyl ether (2-butoxyethanol) toxicity: role of alcohol and aldehyde dehydrogenases.

In vivo metabolism of the cardiovascular toxin, allylamine.

Evidence for involvement of non-biliary excretion into the intestines in the formation of methylsulphonyl-containing metabolites of 2-chloro-N-isopropylacetanilide (propachlor) by swine and rats.

Determination of paraquat in tissue using ion-pair chromatography in conjunction with spectrophotometry.

Effects of a small dose of ethanol and calcium carbimide-induced acetaldehyde intoxication on human platelet aggregation, associated thromboxane formation and urinary excretion of 2,3-dinor-6-keto prostaglandin F1 alpha.

Nucleic acid content and residue determination in tissues of chicks born from 2,4-dichlorophenoxyacetic butyl ester treated eggs.

Mechanisms of mitochondrial photosensitization by the cationic dye, N,N-bis(2-ethyl-1,3-dioxylene)kryptocyanine (EDKC): preferential inactivation of complex I in the electron transport chain.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on thermogenesis in brown adipose tissue of rats.

The effect of saccharin ingestion on the excretion of microbial amino acid metabolites in rat and man.

Effect of excess iron in milk replacer on calf performance.

Teratogenic effects of polychlorinated dibenzofurans in combination in C57BL/6N mice.

Acidotic alterations in oxidative metabolism influencing rat renal slice ammoniogenesis.

Teratogenicity of three polychlorinated dibenzofurans in C57BL/6N mice.

Renal anaphylaxis. I. Antigen-initiated responses from isolated perfused rat kidney.

Increased thromboplastic potential in diabetes: a multifactorial phenomenon.

Cellular action of arginine vasopressin in the isolated renal tubules of hypothyroid rats.

Enhancement of fibronectin expression by herbimycin A.

TCDD alters the extracellular matrix and basal lamina of the fetal mouse kidney.

TCDD-induced hyperplasia of the ureteral epithelium produces hydronephrosis in murine fetuses.

The effect of arsenic on urethan-induced adenoma formation in Swiss mice.

Catalase in cultured skin fibroblasts from patients with the cerebro-hepato-renal (Zellweger) syndrome: normal maturation in peroxisome-deficient cells.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the lactating rat on maternal and neonatal vitamin A status.

Clinical reports on plasma exchange in the Kidney Center, Tokai University School of Medicine.

Han/Wistar rats are exceptionally resistant to TCDD. I.

Urinary chlorophenols in sawmill workers.

Hippuric acid and ortho-cresol as biological indicators of occupational exposure to toluene.

Assessment of the systemic distribution and toxicity of formaldehyde following pulpotomy treatment: Part two.

Porphyriurias and occupational disease.

Medical, life-style, and occupational risk factors for prostate cancer.

Panulirus interruptus hemocyanin. The elucidation of the complete amino acid sequence of subunit a.

Primary and tertiary structures of the first domain of Panulirus interruptus hemocyanin and comparison of arthropod hemocyanins.

Organic cation secretion in flounder renal tissue.

Metabolism and excretion of gallium arsenide and arsenic oxides by hamsters following intratracheal instillation.

Role of fibronectin on the clearance and tissue uptake of antigen and immune complexes in rats.

Characteristics of H⁺ current transients induced by adverse H⁺ gradient pulses in toad bladder.

Involvement of the prostatic steroid-binding protein in the transfer of ligand to the dioxin receptor.

Methyl bromide alters catecholamine and metabolite concentrations in rat brain.

Histopathology of acute toxic responses in selected tissues from rats exposed by inhalation to methyl bromide.

Phosphate transport by reconstructed monolayers from cultured mouse kidney cells.

3,3',4,4'-Tetrachlorobiphenyl in pregnant mice: embryotoxicity, teratogenicity, and toxic effects on the cultured embryonic thymus.

Amino acid sequence of guinea pig prostate kallikrein.

Fengabine, a novel antidepressant GABAergic agent. II. Effect on cerebral noradrenergic, serotonergic and GABAergic transmission in the rat.

Physiological stress induced by sublethal concentrations of phenolic compounds in *Notopterus notopterus*: measurement of hydrolytic enzymes.

Studies on the mechanism of action of diallyl sulfide, an inhibitor of the genotoxic effects of cyclophosphamide.

Circadian alterations in prolactin, corticosterone, and thyroid hormone levels and down-regulation of prolactin receptor activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Acute toxicity in the guinea pig and in vitro "dioxin-like" activity of the environmental contaminant 1,2,4,5,7,8-hexachloro (9H)xanthene.

Output of bacterial metabolites as a diagnostic means.

Toluene metabolism during exposure to varying concentrations combined with exercise.

[Effect of oxidative metabolism inhibitors on ADH-dependent transport of water in the bladder of *Rana temporaria*].

Differential expression of cytochrome P-450 1 and related forms in rabbit liver and kidney.

The secretory mechanism in adrenal chromaffin cells by nitrophenol compounds: possible involvement of the change in the surface potentials.

[Mitochondrial oxidative phosphorylation in the rat kidney during the perinatal period].

Mechanism of nitrofen teratogenesis.

Tissue levels of atrazine in a case of bovine poisoning.

Acute, 14-day repeated dosing, and 90-day subchronic toxicity studies of potassium picloram.

The toxicity of 2,4-dichlorophenoxyacetic acid to the adult crested newt.

[Treatment of paraquat poisoning. Plasmapheresis versus hemodialysis].

Selenium-dependent glutathione peroxidase inhibitors increase toxicity of prooxidant compounds in chicks.

Pharmacokinetic profile of paraquat following intravenous administration to the rabbit.

Acute group poisoning of paraquat--case report.

Absorption study of pentachlorophenol in persons working with wood preservatives.

Similarity of isozyme pattern of serum lactate dehydrogenase following treatments with O,O,S-trimethyl phosphorothioate and paraquat.

Multicenter evaluation of ultrafiltration, dialysis, and thermal coagulation as sample pretreatment methods for the colorimetric determination of paraquat in blood and tissues.

Subacute atrazine treatment effects on rat renal functions.

Exposure of Finnish farm workers to phenoxy acid herbicides.

Kidney morphology and function in the young of rats malnourished and exposed to nitrofen during pregnancy.

Effects of ascorbic acid in vivo on the fatty acid composition of the tissues of mice treated with Gramoxone.

The effect of light on the toxicity of paraquat in the mouse.

Adjunctive therapy of phenytoin overdose--a case report using plasmaphoresis.

Diquat intoxication: treatment by charcoal haemoperfusion and description of a new method of diquat measurement in plasma.

Elimination of paraquat.

Effects on the fetus of maternal nitrofen exposure in the protein-deprived rat.

Industrial hygiene, chemical and biological assessments of exposures to a chlorinated phenolic sapstain control agent.

Lack of neuropathologic consequences of repeated dermal exposure to 2,4-dichlorophenoxyacetic acid in rats.

Effects of thyroid status on brain catecholamine biosynthesis in adult rats: assessment by a steady-state method.

Studies on benzyl acetate. II. Use of specific metabolic inhibitors to define the pathway leading to the formation of benzylmercapturic acid in the rat.

Dermal exposure and urinary metabolite excretion in farmers repeatedly exposed to 2,4-D amine.

Metabolism of the cinnamon constituent o-methoxycinnamaldehyde in the rat.

Action of some pesticides on T4 to T3 conversion in cultured kidney and liver cells in the presence or absence of cysteine.

Differential inhibition of rat tissue catalase by cyanamide.

[Pentachlorophenol concentrations in the organs and blood of 11 dead infants].

Liquid-chromatographic determination of urinary pentachlorophenol.

Metabolism and disposition of ortho-benzyl-para-chlorophenol in male rats.

Excretion of metabolites of hexachlorobenzene in the rat and in man.

The metabolism of xenobiotics by certain extrahepatic organs and its relation to toxicity.

Effect of chloroacetic acids on the kidneys.

[Production, absorption and excretion of phenols in intestinal obstruction].

Two automated procedures for N-acetyl-beta-D-glucosaminidase determination evaluated for detection of drug-induced tubular nephrotoxicity.

Comparative study of Baralgan and hyoscine-N-methyl bromide in the treatment of intestinal and renal colic pain.

Teratologic evaluation of hexabrominated naphthalenes in C57BL/6N mice.

Strain differences in response of Sprague-Dawley and Long Evans Hooded rats to the teratogen nitrofen.

Mitochondrial phototoxicity sensitized by doxycycline in cultured human carcinoma cells.

Cross-linking of IgE-receptor complexes at the cell surface: a fluorescence method for studying the binding of monovalent and bivalent haptens to IgE.

Effects of thyroid hormones on the induction of cleft palate by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C57BL/6N mice.

Phenotypic change from transformed to normal induced by benzoquinonoid ansamycins accompanies inactivation of p60src in rat kidney cells infected with Rous sarcoma virus.

Health effects of long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Intermediary metabolism of the mature rat following 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment.

Subchronic oral toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the guinea pig: comparisons with a PCB-containing transformer fluid pyrolysate.

1-Methyl-4-phenylpyridine (MPP+) induces oxidative stress in the rodent.

Synergistic interaction of 2,3,7,8-tetrachlorodibenzo-p-dioxin and hydrocortisone in the induction of cleft palate in mice.

The use of renal tubule fragments isolated from the rat to investigate aspects of gentamicin nephrotoxicity.

A pilot epidemiologic study of possible health effects associated with 2,3,7,8-tetrachlorodibenzo-p-dioxin contaminations in Missouri.

Zinc tolerance test in uremia. Effect of ferrous sulfate and aluminum hydroxide.

Bovine amyloid protein AA: isolation and amino acid sequence analysis.

A case of fatal sodium azide ingestion.

Relationship of alterations in energy metabolism to hypophagia in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Cell number and size in selected organs of fetuses of rats malnourished and exposed to nitrofen.

Effects of induction of rat liver cytosolic aldehyde dehydrogenase on the oxidation of biogenic aldehydes.

The mechanism by which cyclopiazonic acid potentiates accumulation of tetraphenylphosphonium in cultured renal epithelial cells.

Nifedipine attenuates both alpha-1 and alpha-2 adrenoceptor-mediated pressor and vasoconstrictor responses in conscious dogs and primates.

Fine anionic iron colloid and its use in light and electron microscopic detection of cationic sites in the rat kidney.

Chemical and biological characterization of low-molecular-weight human skeletal growth factor.

Establishment of a parathyroid hormone-responsive phosphate transport system in vitro using cultured renal cells.

A fraction enriched in dendrodendritic synaptosomes isolated from rat olfactory bulb: morphology and transmitter release.

Contraluminal transport of small aliphatic carboxylates in the proximal tubule of the rat kidney in situ.

25-Hydroxyvitamin D₃-23-hydroxylase, a renal enzyme in several animal species.

Metabolism of salicylate by isolated kidney and liver mitochondria.

Metabolism and disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin in guinea pigs.

Metabolism and excretion of orally and intraperitoneally administered gallium arsenide in the hamster.

Mechanisms of gentamicin transport in kidney epithelial cell line (LLC-PK1).

[The effect of induced hyperthermia on kidney function in dogs].

Tissue-specific expression of the mouse dioxin-inducible P(1)450 and P(3)450 genes: differential transcriptional activation and mRNA stability in liver and extrahepatic tissues.

Transport of N-acetyl-S-pentachloro-1,3-butadienylcysteine by rat renal cortex.

pH shift during equilibrium dialysis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin metabolism and disposition in yellow perch.

Metabolism and disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rainbow trout.

Polycations reduce vasopressin-induced water flow by endocytic removal of water channels.

Human prostate-specific antigen: structural and functional similarity with serine proteases.

Effects of 2,4-dinitrophenol on renal ammoniogenesis in the rat.

Occupational exposure to chlorophenates. Renal, hepatic and other health effects.

Insulin antagonizes epinephrine activation of the membrane transport of fatty acids. Potential site for hormonal suppression of lipid mobilization.

Ca²⁺ compartments in saponin-skinned cultured vascular smooth muscle cells.

A modified method of fine-granular cationic iron colloid preparation: its use in light and electron microscopic detection of anionic sites in the rat kidney glomerulus and certain other tissues.

Carcinogen-binding proteins in the rat ventral prostate: specific and nonspecific high-affinity binding sites for benzo(a)pyrene, 3-methylcholanthrene, and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Airborne arsenic and urinary excretion of metabolites of inorganic arsenic among smelter workers.

Fluorescence identifies an alkaline cell in turtle urinary bladder.

Studies on the metabolism of the neurotoxic tri-o-cresyl phosphate. Distribution, excretion, and metabolism in male cats after a single, dermal application.

Effect of ATP inhibitors on the translocation of luminal membrane between cytoplasm and cell surface of transitional epithelial cells during the expansion-contraction cycle of the rat urinary bladder.

Presence of an extramitochondrial anion-stimulated ATPase in the rabbit kidney: localization along the nephron and effect of corticosteroids.

Detection of sister chromatid exchanges induced by volatile genotoxicants.

[Hemodialysis-hemoperfusion in the management of paraquat poisoning based on serum levels of the toxic agent].

Assessment of pentachlorophenol toxicity in newborn calves: clinicopathology and tissue residues.

Developing rat brain monoamine levels following in utero exposure to a mixture of 2,4-dichlorophenoxyacetic and 2,4,5-trichlorophenoxyacetic acids.

Comparative behavioral, biochemical and pigmentary effects of MPTP, MPP+ and paraquat in *Rana pipiens*.

Experimental cytoxic cystitis and prevention by acetylcysteine.

Response of the medullary thick ascending limb to hypothyroidism in the rat.

Forestry workers involved in aerial application of 2,4-dichlorophenoxyacetic acid (2,4-D): exposure and urinary excretion.

Formation, toxicity and inactivation of acrolein during biotransformation of cyclophosphamide as studied in freshly isolated cells from rat liver and kidney.

[An autopsy case of paraquat poisoning--correlation of paraquat toxicity with tissue concentration].

Pentachlorophenol intoxication: report of a fatal case, with comments on the clinical course and pathologic anatomy.

The postnatal effects of prenatal exposure to low doses of nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether) in Sprague-Dawley rats.

Hemoperfusion-hemodialysis ineffective for paraquat removal in life-threatening poisoning?

[Morphology of a paraquat poisoning].

Complete recovery from paraquat poisoning causing severe unilateral pulmonary lesion.

A critical review of the literature on acrolein toxicity.

Toxicokinetics of the herbicide dichlorprop and its leucinate and their action on liver mixed function oxidase in rats.

Effects of thyroid hormone on Na-K-adenosine triphosphatase activity along the rat nephron.

The role of neutrophils in the development of cadmium chloride-induced emphysema in lathyrogen-fed hamsters.

Arsenic speciation in urine from humans intoxicated by inorganic arsenic compounds.

Identification and quantification of metabolite conjugates of activated cyclophosphamide and ifosfamide with mesna in urine by ion-pair extraction and fast atom bombardment mass spectrometry.

Study of inorganic arsenic methylation by rat liver in vitro: relevance for the interpretation of observations in man.

Metabolic activation of 2-methylfuran by rat microsomal systems.

The effects of pentachlorophenol, phenol and other pollutants on the liver of carp (*Cyprinus carpio* L.).

Changed enzyme activities in rat kidney during ischemia.

Antibody-induced redistribution of Heymann antigen on the surface of cultured glomerular visceral epithelial cells: possible role in the pathogenesis of Heymann glomerulonephritis.

Teratogenic potency of TCDD, TCDF and TCDD-TCDF combinations in C57BL/6N mice.

Screening of agents which convert 'transformed morphology' of Rous sarcoma virus-infected rat kidney cells to 'normal morphology': identification of an active agent as herbimycin and its inhibition of intracellular src kinase.

[Adult respiratory distress syndrome and arsenic poisoning caused by Fowler's solution].

Androgenic deficiency in male rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Chloracne, "the hallmark of dioxin intoxication".

Isolation and characterization of amyloid protein AA in the Abyssinian cat.

Identification and characterization of amyloid protein AA in spontaneous canine amyloidosis.

The urinary excretion of bacterial amino-acid metabolites by rats fed saccharin in the diet.

Gas chromatographic profiling of phenolic acids in urine of patients with cirrhosis of the liver.

Toxic interaction of specific polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin: increased incidence of cleft palate in mice.

AA-amyloidosis in dogs: partial amino acid sequence of protein AA and immunohistochemical cross-reactivity with human and cow AA-amyloid.

Urinary excretion of cresol as an indicator for occupational toluene exposure.

Purification of gamma-glutamyltransferases by immunoaffinity chromatography and some properties of the enzymes.

Sympathetic neurons grown in culture generate ATP by glycolysis: correlation between ATP content and [3H]norepinephrine uptake and storage.

Iron delivery during proliferation and differentiation of kidney tubules.

Mechanism of fluid secretion in isolated shark renal proximal tubules.

Comparison of in vivo and in vitro methods for assessing the effects of phenobarbital on the hepatic drug-metabolizing enzyme system.

Disruption of phosphatidylserine translocation to the mitochondria in baby hamster kidney cells.

Developmental and tissue-specific differential regulation of the mouse dioxin-inducible P1-450 and P3-450 genes.

The cytochrome P-450 monooxygenase system of rabbit bladder mucosa: enzyme components and isozyme 5-dependent metabolism of 2-aminofluorene.

Photopic c-wave in the chicken ERG: sensitivity to sodium azide, epinephrine, sodium iodate, barbiturates, and other general anesthetics.

NTP Toxicology and Carcinogenesis Studies of 1,2-Dichlorobenzene (o-Dichlorobenzene) (CAS No. 95-50-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Effect of vapor concentration on the disposition of inhaled 2,3-dichloropropene in Fischer-344 rats.

Acute polybrominated biphenyl toxicosis alters vitamin A homeostasis and enhances degradation of vitamin A.

Calcium secretion in canine tracheal mucosa.

Peritubular uptake and brush border transport of 28Mg by flounder renal tubules.

Subcellular location and properties of rat renal 25-hydroxyvitamin D₃-1 alpha-hydroxylase.

Phosphate uptake by primary renal proximal tubule cell cultures grown in hormonally defined medium.

Effects of ATP and cyclic AMP on the (Na⁺ + K⁺ + 2Cl⁻)-cotransport system in turkey erythrocytes.

Localization of a fibrinogen calcium binding site between gamma-subunit positions 311 and 336 by terbium fluorescence.

[Induced mutagenesis of plasmid as well as chromosomal genes inserted into plasmid DNA. II. The mutagenic action of chemical factors].

Effect of heavy metals on cellular growth, metabolism and integrity of cultured Chinese hamster kidney cells.

Effect of furosemide on ion transport in the turtle bladder: evidence for direct inhibition of active acid-base transport.

Novel ATP-dependent calcium transport component from rat liver plasma membranes. The transporter and the previously reported (Ca²⁺-Mg²⁺)-ATPase are different proteins.

Properties and biochemical characterization of NADH 5 alpha-reductase from rat liver microsomes.

Release of carnitine from the perfused rat liver.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the uptake, distribution and excretion of a single oral dose of [11,12-³H]retinyl acetate and on the vitamin A status in the rat.

Urinary D-glucaric acid excretion in the Seveso area, polluted by tetrachloro-dibenzo-p-dioxin (TCDD): five years of experience.

Renal transport of gossypol in the rabbit.

Cyanide and sulfide interact with nitrogenous compounds to influence the relaxation of various smooth muscles.

Influence of cyclosporin A on the respiration of isolated rat kidney mitochondria.

Disposition of [14C]methyl bromide in rats after inhalation.

In vivo and in vitro metabolism of 2,4-dinitrotoluene in strain A mice.

Allyl isothiocyanate is mutagenic in *Salmonella typhimurium*.

Treatment of dialysis membranes for simultaneous dialysis and concentration.

Roles of Ca²⁺ and Na⁺ on the modulation of antidiuretic hormone action on urea permeability in toad urinary bladder.

Vasodilator properties of a family of bioactive atrial peptides in isolated perfused rat kidneys.

Demonstration of arginyl-bradykinin moiety in rat HMW kininogen: direct evidence for liberation of bradykinin by rat glandular kallikreins.

Induction of methotrexate release from rat hepatocytes in suspension by alpha-adrenergic agents: involvement of calcium and metabolic energy.

Characterization of parathyroid hormone fragments produced by cathepsin D.

Effect of sodium azide and sodium selenite on prostaglandin synthesis in rabbit kidney medulla slices.

The validity of urinary metabolites as indicators of low exposures to toluene.

Sex-influenced CPIB-induction of peroxisomes in rat liver and kidney tissues.

Pharmacological study on the effects of some ocular hypotensive drugs on aqueous humor formation in the arterially perfused enucleated rabbit eye.

Determination of acute toxic effects in mice following exposure to methyl bromide.

Assessment of exposure to organophosphate insecticides during spraying in Haiti: monitoring of urinary metabolites and blood cholinesterase levels.

Metabolic fate and cardiovascular effects of arsenic in rats and rabbits chronically exposed to trivalent and pentavalent arsenic.

Allyl alcohol toxicity in isolated renal epithelial cells: protective effects of low molecular weight thiols.

Control of 2,3,7,8-tetrachlorodibenzo-p-dioxin binding protein(s) in the hamster kidney.

[Paraquat poisoning in the Netherlands, 1972-1982].

Ascorbic acid nutritional status does not affect the biochemical response to paraquat.

Paraquat poisoning.

Paraquat toxicity. The use of hypoxic ventilation.

[Acute poisoning with the herbicide diquat].

Paraquat ingestion.

[Plasmapheresis by adsorption. a. Physico-chemical adsorption method].

Effect of dimethylthiourea on paraquat toxicity in rats.

Distribution and toxicity of monosodium methanearsonate following oral administration of the herbicide to dairy sheep and goats.

[Fatal paraquat poisoning].

Renal involvement in paraquat poisoning.

Acute diquat intoxication. Interest of its repeated determination in urine and the evaluation of renal proximal tubule integrity.

Health status of workers with past exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in the manufacture of 2,4,5-trichlorophenoxyacetic acid: comparison of findings with and without chloracne.

Hepatic macromolecular covalent binding of the hepatocarcinogen 2,6-dinitrotoluene and its 2,4-isomer in vivo: modulation by the sulfotransferase inhibitors pentachlorophenol and 2,6-dichloro-4-nitrophenol.

Uptake, distribution and elimination of monosodium methanearsonate following long term oral administration of the herbicide to sheep and goats.

Extracorporeal removal of specific antibodies by hemoperfusion through the immunosorbent agarose-polyacrolein microsphere beads: removal of anti-bovine serum albumin in animals.

N-acetylcyanamide, the major urinary metabolite of cyanamide in rat, rabbit, dog, and man.

The metabolic fate of the herbicide nitralin in the rat.

On the role of catalase in the oxidation of tissue fatty acids.

Occupational exposure of herbicide applicators to herbicides used along electric power transmission line right-of-way.

Mechanism controlling the renal excretion of xenobiotics in fish: effects of chemical structure.

In vivo effects of 3-methylcholanthrene, phenobarbital, pyrethrum and 2,4,5-T isooctylester on liver, lung and kidney microsomal mixed-function oxidase system of guinea-pig: a comparative study.

The nucleotide binding site detected by affinity labeling in the large T proteins of polyoma and SV40 viruses is distinct from their ATPase catalytic site.

Delayed neurotoxicity produced by an organophosphorus compound (Sumithion). A case report.

Effects of zeolite a or clinoptilolite in diets of growing swine.

3'-Monoiodothyronine degradation in rat liver homogenate: enzyme characteristics and documentation of deiodination by high-pressure liquid chromatography.

Prevention of TCDD toxicity in laboratory rodents by addition of charcoal or cholic acids to chow.

Teratogenicity of 2,3,7,8-tetrachlorodibenzofuran in BXD recombinant inbred strains.

Immunosuppression in weanling and adult Sprague-Dawley rats induced by acute exposure to 3,3',4,4'-tetrachloroazoxybenzene.

Glomerulonephritis induced by pre-formed immune complexes containing monoclonal antibodies of defined affinity and isotype.

Amyloid fibril protein in familial amyloidotic polyneuropathy, Portuguese type. Definition of molecular abnormality in transthyretin (prealbumin).

[Relation between glutathione and cytoplasmic protein sulfhydryl groups in the rat: a rapid procedure for analytical determination].

Analysis of collagen from normal and abnormal human bone.

Glomerulonephritis: the use of grafted hybridomas to investigate the role of epitope density, antibody affinity and antibody isotype in active serum sickness.

Lipid abnormalities in workers exposed to dioxin.

Iron absorption and utilization in maintenance hemodialysis patients: oral and intravenous routes.

Teratological studies on the TCDD congener 3,3',4,4'-tetrachloroazoxybenzene in sensitive and nonsensitive mouse strains: evidence for direct effect on embryonic tissues.

Identification of an anti-monocyte monoclonal antibody that is specific for membrane complement receptor type one (CR1).

The assessment of iron stores in children on regular dialysis treatment.

Calcium is a competitive inhibitor of gentamicin-renal membrane binding interactions and dietary calcium supplementation protects against gentamicin nephrotoxicity.

Iron pharmacokinetics after administration of ferric-hydroxide-polymaltose complex in rats.

Teratogenicity of 2,3,7,8-tetrachlorodibenzofuran in the mouse.

Family studies of the genetic abnormality in transthyretin (prealbumin) in Portuguese patients with familial amyloidotic polyneuropathy.

N-Hydroxy-N-arylamides. I. Toxicity of certain polycyclic and monocyclic N-hydroxy-N-arylamides in rats.

Cathepsins J and K: high molecular weight cysteine proteinases from human tissues.

Lead flux through the kidney and salivary glands of rats.

Studies on the bovine brain pyruvate dehydrogenase complex using the antibodies against kidney enzyme complex.

Analysis of an inhibin preparation reveals apparent identity between a peptide with inhibin-like activity and a sperm-coating antigen.

Oxalate accumulation in rat renal cortical slices.

Altered levels of a 5 S gene-specific transcription factor (TFIIIA) during oogenesis and embryonic development of *Xenopus laevis*.

N-(2,3-dimercaptopropyl)phthalamidic acid: protection, in vivo and in vitro, against arsenic intoxication.

Role of calcium ions in insulin action on hexose transport in L6 muscle cells.

A tumor promoter induces rapid and coordinated reorganization of actin and vinculin in cultured cells.

Sodium azide interference with a radioimmunoassay for prostatic acid phosphatase.

Relationships between the flux of lipid metabolism in vivo and the uncoupling of respiratory control.

Effect of transition metal ions on lipid peroxidation of rabbit renal cortical mitochondria.

Hormonal effects on the phosphorylation of glycogen synthase in rat hepatocytes.

Oxidized forms of parathyroid hormone with biological activity. Separation and characterization of hormone forms oxidized at methionine 8 and methionine 18.

Role of metabolic CO₂ production in the generation of elevated renal cortical PCO₂.

Microdomains of distinctive glycoprotein composition in the kidney proximal tubule brush border.

Renal actions of piretanide and three other "loop" diuretics.

Sensitivity of cAMP-stimulated salt secretion in shark rectal gland to "loop" diuretics.

In vitro inhibitory effect on porphyrinogen carboxylase of liver extracts from TCDD treated mice.

Different susceptibility of mouse tissues to porphyrogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Investigation on a selective non-prostanoid thromboxane antagonist, BM 13.177, in human platelets.

Correlation between the redox state of NAD(P)H and total flow in the perfused rat liver.

Significance of arsenic metabolic forms in urine. Part I: Chemical speciation.

Differential induction of two 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible forms of cytochrome P-450 in extrahepatic versus hepatic tissues.

Hepato-renal cooperation in biotransformation, membrane transport, and elimination of cysteine S-conjugates of xenobiotics.

Experimental model for evaluating animal exposure to endogenous N-nitrosodi-n-butylamine by measuring its urinary metabolites N-butyl-N-(4-hydroxybutyl)-nitrosamine and N-butyl-N-(3-carboxypropyl)nitrosamine.

Effect of ethanol, cimetidine and propranolol on toluene metabolism in man.

Biochemical studies of the control of renal tubular phosphate reabsorption.

Stereo-specificity of diuretic receptors in the nephron: a study of the enantiomers of indacrinone (MK-196) in man.

The relation between effects of 2,4-dinitrophenol and adrenalin on muscle contraction induction and phosphorylase activation.

[Pharmacological sensitivity of the photopic c-wave in the electroretinogram of the chicken. I. Effects of sodium azide, adrenaline, and a barbiturate].

Role of kidney and liver in degradation of circulating submaxillary renin in mice.

Some properties of isolated mitochondrial ATPase from salmon heart.

[Properties allowing the attribution to gamma-hydroxybutyrate the quality of neurotransmitter in the central nervous system].

Release of a common source of intracellular Ca²⁺ by alpha-adrenergic agonists and dinitrophenol in rat liver slices.

Noninvasive assessment of microsomal enzyme activity in occupational medicine: present state of knowledge and future perspectives.

Nitrofen: a review and perspective.

The effect of nitrofen [4-(2,4-dichlorophenoxy)nitrobenzene] on the reproductive performance of male rats.

Fatality due to paraquat intoxication: confirmation by postmortem tissue analysis.

[Paraquat poisoning treated with simultaneous hemoperfusion and hemodialysis].

[Recovery from gramoxone poisoning].

Effect of phenolic compounds on in vivo activity of transaminases in certain tissues of the fish, *Notopterus notopterus*.

[Fatal paraquat poisoning. Presentation of 2 new cases and review of the literature].

The effects on rat pups when nitrofen (4-(2,4-dichlorophenoxy)nitrobenzene) was applied dermally to the dam during organogenesis.

Hemoperfusion in a child who ingested diquat and died from pontine infarction and hemorrhage.

[Prognostic factors in acute paraquat poisoning. A retrospective study of cases registered by the Poison Control Center of Paris in 1981].

[Clinical findings and treatment of paraquat poisoning in childhood].

Modification of chemical toxicity by selenium deficiency.

Successful management of severe paraquat poisoning.

The effects of acetaldehyde and acrolein on blood pressure in guanethidine-pretreated hypertensive rats.

Effects of phenolic compounds on 5-nucleotidase activity in some tissues of *Notopterus notopterus* (Pallas): a biochemical study.

Paraquat poisoning: evidence of systemic toxicity after dermal exposure.

[Deliberate poisoning with paraquat, death in less than 24 hours].

Nephrotoxicity of paraquat in the sheep and the associated reduction in paraquat secretion.

Postnatal evaluation of morphological and functional effects of prenatal exposure to nitrofen in the Long-Evans rat.

[Hypo-oxygenation in paraquat poisoning. Apropos of 6 cases].

Lipid peroxidation: a possible mechanism of cephaloridine-induced nephrotoxicity.

Toxic anti-GBM glomerulonephritis.

The effect of ascorbic acid nutritional status on paraquat toxicity in guinea pigs.

Effects of prenatal nitrofen exposure on postnatal lung function in the rat.

Changes induced by Gramoxon in tissue phospholipids and phospholipid fatty acids in mouse and guinea-pig.

[Histological picture of the internal organs of rats poisoned with 2,4-dichlorophenoxyacetic acid].

[The authors' experience in treating acute paraquat poisoning].

Morphological and biochemical studies on liver, kidney and gill of fishes affected by pesticides.

Kidney structure in hypothyroidism.

Phase I clinical study of acetylcysteine's preventing ifosfamide-induced hematuria.

Sulfation and glucuronidation as competing pathways in the metabolism of hydroxamic acids: the role of N,O-sulfonation in chemical carcinogenesis of aromatic amines.

Iron overload of spleen, liver and kidney as a consequence of hemolytic anaemia.

Detection of renal dysfunction in neonatal rats: methodologies and applications.

Studies on phenoxy acid herbicides. II. Oral and dermal uptake and elimination in urine of MCPA in humans.

Studies on phenoxy acid herbicides. I. Field study. Occupational exposure to phenoxy acid herbicides (MCPA, dichlorprop, mecoprop and 2,4-D) in agriculture.

The relationship between paraquat accumulation and covalent binding in rat lung slices.

Intracellular interaction and metabolic fate of arsenite and arsenate in mice and rabbits.

[Molecular mechanisms of interaction between blood serum albumin and dinitroorthocresol].

Effect of thiols on toxicity and carcinostatic activity of cyclophosphamide.

Metabolism of [¹⁴C]paraldehyde in mice in vivo, generation and trapping of acetaldehyde.

Paraquat concentration and renal function in mice fed purified and cereal-based diets.

Metabolic activation of cyanamide to an inhibitor of aldehyde dehydrogenase in vitro.

Studies on the effect of paraquat on glycogen mobilization in liver of common carp (*Cyprinus carpio* L.).

Identification of amyloid prealbumin variant in familial amyloidotic polyneuropathy (Japanese type).

Simple, rapid spectrophotometry of urinary N-acetyl-beta-D-glucosaminidase, with use of a new chromogenic substrate.

Selected cancer mortality and farm practices in Iowa.

[Paroxysmal hemoglobinuria induced by cold].

Mushroom poisoning caused by species of the genus *Cortinarius* Fries.

Effects of parathyroid hormone on skeletal muscle protein and amino acid metabolism in the rat.

Head-space gas-liquid chromatography for the rapid laboratory diagnosis of urinary tract infections caused by enterobacteria.

[Fundamental studies on the measurement of urinary NAG and determination of the normal values for NAG activity in various age groups].

Evaluation of an enzymic procedure for the measurement of acetaminophen.

Optical isomers of 2,3-dimercapto-1-propanesulfonate: antidotal activity, in vitro and in vivo, against sodium arsenite.

Tumorigenic effect of sodium arsenite in rat kidney.

Decline of blood and alveolar toluene concentration following two accidental human poisonings.

Localization of intrarenal cross-linked fibrin in children with various renal diseases.

Impairment of blastogenic response of splenic lymphocytes from iron-deficient mice: in vivo repletion.

[Heart function and the mechanisms of its regulation in modelling adaptation to hypoxia by 2,4-dinitrophenol administration].

Morphometric, biochemical, and physiological assessment of perinatally induced renal dysfunction.

Metabolism and renal handling of sodium arsenate in dogs.

High-performance liquid chromatographic analysis on radial compression column of the neurotoxic tri-*o*-cresyl phosphate and metabolites.

Induction of cytochrome P-450 dependent reactions in the rat ventral prostate by beta-naphthoflavone and 2,3,7,8-tetrachlorodibenzo-*p*-dioxin.

The metabolism of the anti-inflammatory drug eterylate in rat, dog and man.

A monoclonal antibody with ability to distinguish between NH₂-terminal fragments derived from fibrinogen and fibrin.

Urinary hippuric acid and orthocresol excretion in man during experimental exposure to toluene.

Effects of propylthiouracil on urinary metabolites of cyclophosphamide in rats.

Regulation of cyclic GMP levels in nerve tissue.

Hormonal control of glycogen synthase in rat hemidiaphragms. Effects of insulin and epinephrine on the distribution of phosphate between two cyanogen bromide fragments.

Transport of citrinin by rat renal cortex.

Transport of methotrexate in cortical slices of monkey kidney: effect of organic anions and vincristine.

Analysis and kinetics of 2,4-dinitrophenol in tissues by capillary gas chromatography--mass spectrometry.

Inhibitory effect of bovine serum albumin on acid deoxyribonuclease from rat small intestinal mucosa.

Competitive inhibition of methotrexate accumulation in rabbit kidney slices by nonsteroidal anti-inflammatory drugs.

Chronobiologic fluctuation of cyclophosphamide induced urinary bladder damage in mice.

The metabolism of arsenite and arsenate by the rat.

Evidence for the localization of a calcium-binding site in the amino-terminal disulphide knot of fibrin (ogen).

Thyrotropin-induced thyroidal release of 5-hydroxytryptamine and accompanying ultrastructural changes in parafollicular cells.

Structural studies on rat prostatic binding protein. The primary structure of component C2 from subunit S.

Sulfate transport by flounder renal tubule brush border: presence of anion exchange.

Amitrole Absorption by Bean (*Phaseolus vulgaris* L. cv ;Red Kidney') Roots : Mechanism of Absorption.

[Polarographic study of cell respiration in a tissue culture].

Cell Membrane Polarity in Dissociated Frog Urinary Bladder Epithelial Cells (1)(2).

Simultaneous azo-coupling method for an estrogen sulfatase in human tissues.

Distribution and metabolism of the teratogen nitrofen (2,4-dichloro-4'-nitro diphenyl ether) in pregnant rats.

The origin of urinary aromatic compounds excreted by ruminants. 4. The potential use of urine aromatic acid and phenol outputs as a measure of voluntary food intake.

Urinary excretion of hippuric acid and o-cresol after laboratory exposure of humans to toluene.

Multiple molecular forms of acid-stable plasmin inhibitor derived from human urinary trypsin inhibitor.

Hippuric acid and o-cresol in the urine of workers exposed to toluene.

Cell water content in carp kidney tissue slices as influenced by various osmotic agents.

A chemical and enzymological comparison of the common major human erythrocyte carbonic anhydrase II, its minor component, and a new genetic variant, CA II Melbourne (237 Pro leads to His).

Amino acid sequence studies on sheep liver fructose-bisphosphatase. II. The complete sequence.

Chemically-induced alteration of UDP-glucuronic acid concentration in rat liver.

[Paraquat poisoning. Prognostic and therapeutic evaluation in 28 cases].

The pathophysiology of paraquat nephrotoxicity in the sheep.

[Acute renal failure (ARF) secondary to paraquat poisoning].

[Enzyme activity of the blood and tissues of individual organs in long-term exposure to diquat].

Paraquat--the weed and people killer.

Paraquat poisoning: a clinical and epidemiological review of 30 cases.

[Severe diquat poisoning].

Paraquat poisoning--a review of four cases.

Prognosis and treatment of paraquat poisoning: a review of 28 cases.

Efficacy of charcoal hemoperfusion in paraquat poisoning.

Effects of anionic xenobiotics on rat kidney. I--Tissue and mitochondrial respiration.

[Massive poisoning by paraquat with early death (19 hours). Apropos of a case with ultrastructure study].

Young Scientists Award lecture 1981: The identification of an accumulation system for diamines and polyamines into the lung and its relevance to paraquat toxicity.

Urinary enzymes, nephrotoxicity and renal disease.

Sex differences in the metabolism of hexachlorobenzene by rats and the development of porphyria in females.

Correlation between the loss of the transformed phenotype and an increase in superoxide dismutase activity in a revertant subclone of sarcoma virus-infected mammalian cells.

Dose-effect relationship between ethyl alcohol pretreatment and retention and tissue distribution of mercury vapor in rats.

The formation and metabolism of N-hydroxymethyl compounds--I. The oxidative N-demethylation of N-dimethyl derivatives of arylamines, aryltriazenes, arylformamidines and arylureas including the herbicide monuron.

Influence of diuretics on urinary general base catalytic activity and cyclophosphamide-induced bladder toxicity.

The accumulation of diamines and polyamines into rat lung slices.

Mode of action of 3-substituted propylamine cytotoxicity in culture cells.

A simple method for the estimation of paraquat in tissue.

Allylamine cardiotoxicity--IV. Metabolism to acrolein by cardiovascular tissues.

Altered removal of vasoactive substances in the injured lung: detection of lung microvascular injury.

[Myoclonus of toxic origin].

An analysis of fetotoxicity using biochemical endpoints of organ differentiation.

A stable propidium iodide staining procedure for flow cytometry.

Differential effects of 2,4-dinitrophenol and valinomycin (+ K⁺) on uncoupler-stimulated ATPase of human tumor mitochondria.

Aluminum absorption in the rat everted gut sac.

Alterations in the heme biosynthetic pathway as an index of exposure to toxins.

Increased urinary D-glucaric acid excretion by children living in an area polluted with tetrachlorodibenzoparadioxin (TCDD).

[Evaluation of iron therapy in patients in long-term haemodialysis (author's transl)].

Induction of porphyria in the rat by chronic versus acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Characterization of serotonin uptake in cultured pheochromocytoma cells. Comparison with norepinephrine uptake.

Characterization of serotonin uptake in cultured neuroblastoma cells. Difference between differentiated and nondifferentiated cells.

Rabbit teratology study with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Serum ferritin in haemodialysis.

Cancer risks associated with agriculture: epidemiologic evidence.

Mortality study of persons exposed to dioxin in a trichlorophenol-process accident that occurred in the BASF AG on November 17, 1953.

Complete amino acid sequence of pig kidney fructose-1,6-bisphosphatase.

Intracellular inactivation, reactivation and dynamic status of prostate androgen receptors.

The origin of urinary aromatic compounds excreted by ruminants. 3. The metabolism of phenolic compounds to simple phenols.

Low molecular weight pineal and cerebral fractions affecting insulin secretion in vitro.

Renal transport of 2'-deoxytubercidin in mice.

Effects of the cardiotonic drug ARL-115 on the release of noradrenaline from the cat atrium, the binding of 3H-ouabain to plasma membranes and the movements of calcium in mitochondria.

Protective role of thiols in cyclophosphamide-induced urotoxicity and depression of hepatic drug metabolism.

Significant changes in monoamines in rat brain induced by exposure to methyl bromide.

The primary structure of D-amino acid oxidase from pig kidney. I. Isolation and sequence of the tryptic peptides.

Structural and immunological characterization of type IV collagen isolated from chicken tissues.

On the mechanism by which hormones induce the release of Ca^{2+} from mitochondria in the liver cell.

Entry of the toxic proteins abrin, modeccin, ricin, and diphtheria toxin into cells. II. Effect of pH, metabolic inhibitors, and ionophores and evidence for toxin penetration from endocytotic vesicles.

The interaction of cephalosporin antibiotics with renal cortex of rats: accumulation to cortical slices and binding to purified plasma membranes.

Effect of Na^{+} and ATP on peritubular Ca transport by the marine teleost renal tubule.

Fate of 2,3,7,8-tetrachlorodibenzo-p-dioxin metabolites from dogs in rats.

Cultivation of *Bacteroides fragilis* in tissue culture.

The effects of antibiotics in the weanling pig diet on growth and the excretion of volatile phenolic and aromatic bacterial metabolites.

Distribution and metabolism of 2,4-dichlorophenol in rats.

Riboflavin transport by rabbit kidney slices: characterization and relation to cyclic organic acid transport.

Determination of urinary hippuric acid and o-cresol, as indices of toluene exposure, by liquid chromatography on dynamically modified silica.

2,4-dinitrophenol stimulation of renal ammoniogenesis.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin and phenobarbital on the occurrence and distribution of four cytochrome P-450 isozymes in rabbit kidney, lung, and liver.

High-affinity Ca-Mg-ATPase along the rabbit nephron.

Toxicokinetics of chloroethanol in the rat after single oral administration.

Nitriphenol compound induces Ca-dependent exocytotic secretion of catecholamines by a direct effect on the plasma membranes of the adrenal medullary cells.

Prostate alpha-protein. Complete amino acid sequence of the component that inhibits nuclear retention of the androgen-receptor complex.

Mitochondrial bioenergetics during the initiation of mercuric chloride-induced renal injury. II. Functional alterations of renal cortical mitochondria isolated after mercuric chloride treatment.

Mitochondrial bioenergetics during the initiation of mercuric chloride-induced renal injury. I. Direct effects of in vitro mercuric chloride on renal mitochondrial function.

Histochemical localization of carbohydrates and lipids in the liver and kidney of mice poisoned with chlorophenols.

Biomonitoring of occupational toluene exposure.

Isolation and identification of basement membrane collagen purified from dissociated rabbit renal tubules.

TCDD toxicology with particular reference to Seveso: introductory remarks.

Cell surface alteration in dissociated frog urinary bladder epithelial cells.

[Catecholamine regulation of the liver and kidney ATPase activity in mice].

Image analysis of electron micrographs of ATPase (Coupling Factor TF1) from thermophilic bacteria and luminal epithelium of mouse urinary bladder.

Microtubule stability and assembly in living cells: the influence of metabolic inhibitors, taxol and pH.

Lack of effect of a purified diet on carbon tetrachloride or oxygen toxicity.

Effects of acute paraquat toxicity on circulating levels of arachidonic acid, PGF₂ alpha and PGE₂ in the beagle.

[Does alcohol enhance the toxicity of paraquat (author's transl)].

Role of glutathione in the metabolism-dependent toxicity and chemotherapy of cyclophosphamide.

Effect of phenolic compounds on in vivo activity of glucose-6-phosphatase in certain tissues of *Notopterus notopterus*.

Acceleration of lipid peroxidation in human paraquat poisoning.

[Fatal hypoglycemia in a case of paraquat poisoning].

Paraquat poisoning and kidney function tests.

Diquat intoxication: report of two cases and review of the literature.

A study of the health of Malaysian plantation workers with particular reference to paraquat spraymen.

Inhalation toxicity of acrylic acid.

Paraquat poisoning - management and prognosis.

Effect of 2,4,5-trichlorophenoxyacetate on renal function.

[Kidney changes in the acute phase of paraquat poisoning in rats (author's transl)].

Target organ toxicity: endocrine system. Introductory remarks: the testis.

Kinetics of paraquat elimination in the dog.

Carcinogenicity of picloram.

Cardiovascular changes during the calcium carbimide-ethanol interaction.

[Chemical structure and toxicodynamic properties of phenoxy-carboxylic acid derivatives. III. The course of absorption into the blood and the measurement of the urinary excretion of phenoxyacetic and phenoxypropionic acid derivatives].

[Field study of workers with longterm exposure to calcium cyanamide (author's transl)].

The heart and diaphragm: target organs in the neonatal death induced by nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether).

Subchronic administration of technical pentachlorophenol to lactating dairy cattle: performance, general health, and pathologic changes.

Changes in renal function associated with paraquat dichloride toxicity in the domestic fowl.

The effect of 3-amino-1,2,4-triazole on hepatic and renal deiodination of L-thyroxine to 3,5,3'-triiodothyronine.

Arsenic-induced axial skeletal (dysraphic) disorders.

Pharmacokinetics of 2,4,5-T PGBE ester applied dermally to rats.

A rapid method for the selective analysis of total urinary metabolites of inorganic arsenic.

[Pentachlorophenol concentrations in tissues and body fluids of normal persons (author's transl)].

Effects of paraquat in vivo on fatty acids of mouse and guinea pig tissues.

Comparison of the urinary excretion of arsenic metabolites after a single oral dose of sodium arsenite, monomethylarsonate, or dimethylarsinate in man.

[Serum ferritin in hemodialysis. I. Study in populations treated with iron or untreated].

Severe chlorate poisoning: report of a case.

Biological evaluation of hemoperfusion in acute poisoning.

The metabolism of arsenic in humans acutely intoxicated by As₂O₃. Its significance for the duration of BAL therapy.

Insulin secretion by a transplantable rat islet cell tumour.

Entactin, a novel basal lamina-associated sulfated glycoprotein.

Contribution of cyanate to the albumin binding defect of uremia.

Partial amino acid sequence homology between an hereditary amyloid protein and human plasma prealbumin.

Hapten and kidney antibodies in serum from children with urinary tract infection.

The covalent structure of pig kidney fructose-1,6-bisphosphatase. Sequence of a 63-residue cyanogen bromide peptide containing a phosphorylatable serine.

Transmural electrical stimulation-induced relaxation of the guinea-pig gall bladder.

Structural specificity in the renal tubular transport of tyrosine.

Uptake and processing of the precursor for rat liver ornithine transcarbamylase by isolated mitochondria. Inhibition by uncouplers.

Control of ethanol utilization by rat hepatocytes.

Effect of energy inhibitors on cell surface diphtheria toxin receptor numbers.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic and renal prostaglandin synthetase.

Thioredoxin-dependent sulfoxide reduction by rat renal cytosol.

Bovine renal cortex type I collagen: high contents of 3- and 4-hydroxyprolines.

Mobilization of a common source of smooth muscle Ca²⁺ by norepinephrine and methylxanthines.

Urinary beta 2 microglobulin in the biological monitoring of cadmium workers.

Structural studies on rat prostatic binding protein. The primary structure of its glycosylated component C3.

Coupling between H⁺ transport and anaerobic glycolysis in turtle urinary bladder: effect of inhibitors of H⁺ ATPase.

Maturation of renal tubular transport of digoxin.

[Tissue-specific regulation of rat liver mitochondrial oxidative phosphorylation by a soluble phase of cells from that organ].

Effects of pyruvate and other metabolites on cyclic GMP levels in incubations of rat hepatocytes and kidney cortex.

Porphyrogenic effect of chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin in female rats. Dose-effect relationship following urinary excretion of porphyrins.

Determination of urinary thiamin by the thiochrome method.

Primary structure of lobster-muscle arginine kinase. Amino and carboxyl-terminal structure of the enzyme and complete alignment of the cyanogen-bromide peptides.

Biotransformation and intracellular binding of arsenic in tissues of rabbits after intraperitoneal administration of ⁷⁴As labelled arsenite.

An energy-dependent, sodium-independent component of active p-aminohippurate transport in rabbit renal cortex.

Urinary excretion of inorganic arsenic and its metabolites after repeated ingestion of sodium metaarsenite by volunteers.

Effect of lactobacilli on urinary indican excretion in gnotobiotic rats and in man.

Metabolism of benzo[a]pyrene in rat prostate glands following 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Alteration of urinary levels of the carcinogen, N-hydroxy-2-naphthylamine, and its N-glucuronide in the rat by control of urinary pH, inhibition of metabolic sulfation, and changes in biliary excretion.

Occupational exposure to hexachlorocyclohexane. V. Gas chromatographic determination of monohydroxychlorobenzenes (chlorophenols) in urine.

Tissue and cellular disposition of paraquat in mice.

[Paraquat poisoning in a pregnant women (author's transl)].

Toxicity and bioaccumulation of pentachlorophenol in broiler chickens.

Liver necrosis and lipid peroxidation in the rat as the result of paraquat and diquat administration. Effect of selenium deficiency.

[Paraquat poisoning; clinical toxicological aspects and a case description].

The chronic toxicity of technical and analytical pentachlorophenol in cattle. I. Clinicopathology.

The changing pattern of paraquat poisoning in man.

[Treatment of paraquat poisoning].

Spermine oxidation products are selectively toxic to fibroblasts in cultures of normal human prostatic epithelium.

Effects of pentachlorophenol on rat liver changes induced by hexachlorobenzene, with special reference to porphyria, and alterations in mixed function oxygenases.

Pentose pathway in pulmonary fibrosis due to chronic paraquat poisoning.

[Comparative study of the intermittent and continuous action of the herbicide, Ramrod].

Human health effects of selected pesticides, chloroaniline derivatives.

[Effects of acute or chronic poisoning with lindane or 2,4,5-trichlorophenoxyacetic acid on adrenal and urinary catecholamines of rats. Effect of a hypo- and hyperlipidic diet].

Prevention of isophosphamide-induced urothelial toxicity with 2-mercaptoethane sulphonate sodium (mesnum) in patients with advanced carcinoma.

Urinary excretion of arsenic from horses injected with an organic arsenical compound.

Effects of low protein consumption on the renal clearance of 2,4-dichlorophenoxyacetic acid (2,4-D) in goats.

Effect of chlorophenols on porphyrin metabolism in rats and chick embryo.

Renal handling of 2,4-D by the dogfish shark (*Squalus acanthias*).

Identification of two sulphur containing urinary metabolites of cinnamic aldehyde in the rat [proceedings].

Effect of a specific 5HT uptake inhibitor (citalopram) on drug accumulation by rat lung slices.

In-vitro calcium uptake by jejunal biopsy specimens from patients with idiopathic hypercalciuria.

Hemodialysis clearance of arsenic.

Postnatal morphology and functional capacity of the kidney following prenatal treatment with dinoseb in rats.

Plasma protein carbamylation and decreased acidic drug protein binding in uremia.

The impact of streptozotocin-induced diabetes mellitus on cyclic nucleotide regulation of skeletal muscle amino acid metabolism in the rat.

Health aspects of rabbits in a low-TCDD contaminated area.

Biological evaluation of hemoperfusion in acute poisoning.

Isolation of human glomerular basement membrane antigens by affinity chromatography utilising Goodpasture's kidney antibody eluates.

Effect of metabolic inhibitors on renal tubule cell volume.

Induction of aryl hydrocarbon hydroxylase activity in the rat prostate glands by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Ionophore A23187 induced reductions in toad urinary bladder epithelial cell oxidative phosphorylation and viability: implications for A23187 related declines in epithelial active transport.

Separation of renal medullary cells: isolation of cells from the thick ascending limb of Henle's loop.

Properties of carnitine transport in rat kidney cortex slices.

Differential induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin of multiple forms of rabbit microsomal cytochrome P-450: evidence for tissue specificity.

The renal cortical lymphatic system in dogs with unimpeded lymph and urine flow.

Cytotoxicity of methyl bromide: effect of methyl bromide on cultured mammalian cells.

Metabolism of propachlor by the germfree rat.

Digoxin-quinidine interaction: in vitro studies in rat tissue.

[Effect of sodium ion concentration on the structural and functional characteristics of bladder receptors].

Studies of the chick renal mitochondrial 25-hydroxyvitamin D-3 24-hydroxylase.

Active renal hexose transport. Structural requirements.

Renal excretion of urea in the salamander, *Ambystoma tigrinum*.

Metabolism of o-[methyl-14C]toluidine in the F344 rat.

Phosphate accumulation by the isolated renal tubule and the effects of parathyroid hormone and cyclic adenosine monophosphate.

Basement membrane collagens. Cyanogen bromide peptides of the D chain from porcine kidney.

Mutagenic activation of N-2-fluorenylacetamide and N-hydroxy-N-2-fluorenylacetamide in subcellular fractions from X/Gf mice.

Type-IV collagens. Isolation and characterization of two structurally distinct collagen chains from bovine kidney cortices.

Effects of metabolic and transport inhibitors on sodium transport and CO₂ production of toad bladders: use of an uncoupling agent to distinguish between effects on transport and metabolism.

Divalent cation transport in kidney slices II. Magnesium transport in kidney cortex slices and effects of diuretics.

Uptake of gentamicin by separated, viable renal tubules from rabbits.

Collagen synthesis and turnover following particle phagocytosis in dermal fibroblasts.

Metabolism of tritiated parathyroid hormone by a kidney cortex plasma membrane preparation.

[Peripheral regulation of the adrenergic mediator process in the smooth muscles of the rat small intestine].

Effects of phenol and dinitrophenol on acid and alkaline phosphatases in tissues of a fish (*Notopterus notopterus*).

Two modes of phosphate transport by turtle urinary bladder.

The development of mesna for the inhibition of urotoxic side effects of cyclophosphamide, ifosfamide, and other oxazaphosphorine cytostatics.

Cyclophosphamide cystitis. Studies aimed at its minimization.

[Paraquat poisoning. Clinical and anatomo-pathological aspects].

The toxicity and renal handling of paraquat in cynomolgus monkeys.

Hemoperfusion versus hemodialysis in the management of patients severely poisoned by organophosphorus insecticides and bipyridyl herbicides.

Diagnosis and physiologic effects of pentachlorophenols on young pigs. Part I. Effects of purified pentachlorophenol.

Renal functional effects of 2,4,5-trichlorophenoxyacetic acid and silvex after acute and prolonged exposure.

The acute toxic effects of paraquat and diquat on the rat kidney.

[Use of hemodialysis in the treatment of acetic acid and paraquat poisoning].

Cyclophosphamide cystitis--identification of acrolein as the causative agent.

[Hemodialysis and hemoperfusion in the treatment of paraquat or diquat poisoning].

The effects of paraquat on cultured human embryonic cells.

[Nephropathy in acute poisoning by paraquat and diquat].

[Haemoperfusion on coated activated charcoal. Experience in French anti-poison centres based upon 60 cases (author's transl)].

Paraquat poisoning: an analytical toxicologic study of three cases.

Nephrotoxicity of paraquat in man.

Rapid determination of urinary paraquat in acute paraquat poisoning.

[General toxicity and specific action of the herbicide balagrin].

Acrolein, the causative factor of urotoxic side-effects of cyclophosphamide, ifosfamide, trofosfamide and sufosfamide.

Cyclophosphamide cystitis and bladder cancer. A hypothesis.

[The use of gastrointestinal sorbents in chronic renal insufficiency. In-vitro and in-vivo study].

Tissue distribution of paraquat and diquat after oral administration in rats.

Blood pressure response to ethanol in relation to acetaldehyde levels and dopamine-beta-hydroxylase activity in rats pretreated with disulfiram, cyanamide and coprine.

Effect of paraquat treatment on prolyl hydroxylase activity and collagen synthesis of rat lung and kidney.

Specific granules of the rat atrial muscle cell.

Serum protein and renal tissue binding of 2,4,5-trichlorophenoxyacetic acid.

The effect of paraquat and diquat on renal function in the rat.

Transport of 2,4,5-trichlorophenoxyacetate in the isolated, perfused rat kidney.

Determinants of the renal handling of 2, 4-dichlorophenoxyacetic acid by winter flounder.

Metabolism of 2-chloro-N-isopropylacetanilide (propachlor) in the rat.

Renal transport and renal metabolism of 2, 4, 5-trichlorophenoxyacetate by the chicken.

Immunochemical characterization of the basement membrane glycoprotein laminin.

Assessment of environmental factors affecting male fertility.

Developmental toxicology of the halogenated aromatics: effects on enzyme development.

The protective action of inosine on isolated arteries in hypoxia.

Chemical characterization of human urine albumin in proteinuria.

Self-poisoning by sodium chlorate--some unusual features.

Therapy of iron deficiency anemia in patients on maintenance dialysis.

Estimation of the TCDD toxic potential in the light of the Seveso accident.

Potential of guanosine 3':5'-monophosphate accumulation in C-6 glial tumor cells.

Metabolism of toluene in man: gas-chromatographic determination of o-, m- and p-cresol in urine.

Amino acid sequence studies on the alpha chain of human fibrinogen. Exact location of cross-linking acceptor sites.

Effect of sodium azide on the ultrastructural preservation of tissues.

p-Aminohippuric acid transport into brush border vesicles isolated from flounder kidney.

Effects of pretreatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin on the capacity of hepatic and extrahepatic mouse tissues to convert procarcinogens to mutagens for *Salmonella typhimurium* auxotrophs.

Urinary o-cresol in toluene exposure.

Phosphorylation of glycogen synthase in the perfused rat heart.

Clinical laboratory estimations of serum and urinary phosphate.

Tissue distribution of the receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat.

Metabolic dependence of the offset of antidiuretic hormone-induced osmotic flow of water across the toad urinary bladder.

Isolation and separation of toad bladder epithelial cells.

Urinary acidification in turtle bladder is due to a reversible proton-translocating ATPase.

Divalent cation transport in kidney slices. I. Properties of calcium transport in slices of rat kidney cortex and the effects of diuretics.

Ultrastructural correlates of luminescence in *Porichthys photophores*. II. Effects of metabolic inhibitors.

Mortality in sodium chlorate poisoning.

Uncoupling agents distinguish between the effects of metabolic inhibitors and transport inhibitors.

Isolation of kidney brush border gamma-glutamyl transpeptidase from urine by specific antibody gel chromatography.

Toxicity of 4-chloro-O-cresol to rat: I. Light microscopy and chemical observations.

Ultrastructural localization of D-amino acid oxidase in microperoxisomes of the rat nervous system.

The metabolic fate of N-isopropyl-N-phenyloxamic acid in the rat and the milk goat.

Effect of metabolic inhibitors on vasopressin-stimulated transport systems in the toad bladder.

Comparative toxicology of chlorinated compounds on mammalian species.

Paraquat poisoning: a review.

Accidental self-poisoning by sodium chlorate weed-killer.

[Relationship of the pesticide content to the biochemical changes in the tissues and blood in Ro-Neet poisoning].

Collagen prolyl hydroxylase levels in experimental paraquat poisoning.

Plasmapheresis for paraquat poisoning.

Pathology of acute respiratory distress in the dog associated with paraquat poisoning.

Fatal paraquat poisoning: tissue concentrations and implications for treatment.

[Pathomorphological studies in experimental simazine poisoning of sheep].

Paraquat ingestion and pulmonary injury.

Poisoning 1978--a medical problem, or a social lesion.

[Hexachlorbenzene (HCB) induced porphyria in rats. Influence of HCB-metabolites on the biosynthesis of heme (author's transl)].

[Significance of physical-chemistry procedures and of biochemical technics for the uremia detoxication and for the construction of modern artificial kidneys. II. Electrochemical oxidation; description of various adsorbents related to uremic detoxication and other intoxications; additional possibilities of urea adsorption].

[Effect of phenylmercuric acetate on a swine embryonic kidney cell culture].

The effect of technical and purified pentachlorophenol on the rat liver.

Effects of 3-amino,1,2,4-triazole on plasma renin activity and renal peroxisomal enzymes in rats.

Transport of 2,4-dichlorophenoxyacetate by rat renal cortical slices.

Metabolism of [ring-¹⁴C]ordram (molinate) in the rat. 2. Urinary metabolite identification.

Effects of atratone on hormone-dependent reactions in hypothalamus, pituitary and prostate gland.

Lack of protection against oxygen toxicity by in vivo protective agents in the isolated toad bladder.

On the synthesis and degradation of the multiple forms of catalase in mouse liver: effects of aminotriazole and p-chlorophenoxyisobutric acid ethyl ester.

Effect of SITS on organic anion transport in the rabbit kidney cortical slice.

Binding to radioactivity from [¹⁴C] paraquat to rat lung protein, in vitro.

Reversion of transformed glycolysis to normal by inhibition of protein synthesis in rat kidney cells infected with temperature-sensitive mutant of Rous sarcoma virus.

[Mechanism of the decrease in basal metabolism during adaptation to hypoxia].

Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia.

Experimental transfusion of dextran-hemoglobin.

Quantitative and qualitative changes in the metabolism of benzo(a)pyrene in rat tissues after intragastric administration of TCDD.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the renal tubular secretion of phenolsulfonphthalein.

Effect of acute and chronic Cd exposure on lindane metabolism.

Functional differences of ouabain and ethacrynic acid on renal potassium metabolism in dogs.

Selective modification of the renal and the hepatic toxicities of chloroform by induction of drug-metabolizing enzyme systems in kidney and liver.

The role of acetaldehyde in mediating the deleterious effect of ethanol on pyridoxal 5'-phosphate metabolism.

Functional distinction between two transport mechanisms in rabbit gall-bladder epithelium by use of ouabain, ethacrynic acid and metabolic inhibitors.

Responses of the D-glucuronic acid pathway in rat tissues to treatment with tetrachlorodibenzodioxin.

Are lobster fibrinogen and cold-insoluble globulin related molecules?

Calcium transport across peritubular surface of the marine teleost renal tubule.

An energy requirement for the degradation of intravenously injected ¹²⁵I-labeled albumin in mouse liver and kidney slices.

Inhibition of the efflux of organic ions from renal cortical slices.

Role of neurotransmitters, prostaglandins and glucose on precursor incorporation into the RNA of thyroid slices.

Renal tubular transport of saccharin.

Metabolism of tetrachlorophenols in the rat.

Short-term toxicity of allyl alcohol in rats.

Molecular weights of the Thy-1 glycoproteins from rat thymus and brain in the presence and absence of deoxycholate.

Iodothyronine metabolism in rat liver homogenates.

Bioassay of sulfallate for possible carcinogenicity (CAS No. 95-06-7).

3,3'-diaminobenzidine oxidation in hepatic and renal histological sections.

Human poisoning with pentachlorophenol and its treatment.

[Hemoperfusion with coated activated charcoal for treating acute poisoning by remedies, plant protectants, and fungi. III. Fungi (author's transl)].

Concentration levels of 2,4-D and 2,4,5-T in forensic material.

Paraquat poisoning is not necessarily fatal.

[Case of fatal herbicide poisoning].

Human urinary excretion of the herbicide 2-methyl-4-chlorophenoxyacetic acid.

[Hemoperfusion with coated activated charcoal for treating acute poisoning by remedies, plant protectants, and fungi (author's transl)].

The immediate care of cases of poisoning.

Toxicological studies on hydrocarbons--lomex.

Paraquat toxicity and pulmonary superoxide dismutase: an enzymic deficiency of lung microsomes.

[Experimental substantiation of the maximum permissible concentration of Reglone in the air of a work environment].

Dialysis and hemoperfusion of poisons and drugs--update.

Paraquat poisoning. Survival without pulmonary insufficiency after early bleomycin treatment.

Acute renal complications of acute intoxications.

Relationship between 2,4,5-trichlorophenoxyacetate and the renal organic base transport system.

Evaluation of acute and short-term administration of 2,4,5-trichlorophenoxyacetate with respect to renal proximal tubular transport.

Effect of 3-amino-1,2,4-triazole on in vivo formation of liver triglyceride.

Retarded development of fetal renal alkaline phosphatase in mice given 2,4,5-trichlorophenoxyacetic acid.

Determination of terbacil and metabolite residues using microcoulometric gas chromatography.

Association between renal function tests and pentachlorophenol exposure.

1,1-Dichloroethylene hepatotoxicity: proposed mechanism of action and distribution and binding of ¹⁴C radioactivity following inhalation exposure in rats.

Prostaglandin E₂ production by renal inner medullary tissue slices: effect of metabolic inhibitors.

Induction of tumors in mice with the herbicide succinic acid 2,2-dimethylhydrazide.

Renal energy metabolism and sodium reabsorption after 2,4-dinitrophenol administration.

Assessment of technique for rapid detection of *Escherichia coli* and *Proteus* species in urine by head-space gas-liquid chromatography.

Development of specific tests for rapid detection of *Escherichia coli* and all species of *Proteus* in urine.

Poisoning by cresol.

[Copper and nervous system. An experimental study (author's transl)].

[Dissociation of the ino- and chronotropic response of isolated rat heart to noradrenaline in the presence of oxygen deficit, exposure to cyanide and 2,4-dinitrophenol].

Factors involved in heavy metal poisoning.

Epidemiology and pathology of a tetrachlorodibenzodioxin poisoning episode.

A cytological study of Heinz body-hemolytic anemia. Report of a case of sodium chlorate poisoning complicated by methemoglobinemia and acute renal failure.

Effects of sodium azide on platelet function.

Tetrachlorodibenzo-p-dioxin induction of renal microsomal enzyme systems: ultrastructural effects on pars recta (S3) proximal tubule cells on the rat kidney.

Mouse liver metallothioneins. Complete amino acid sequence of metallothionein-I.

Energy utilization in the uptake of catecholamines by synaptic vesicles and adrenal chromaffin granules.

[Hormonal regulation of the electrical properties of the cell membrane].

Mutagenic activity of major mammalian metabolites of cyclophosphamide toward several genes of *Escherichia coli*.

Does diaminobenzidine demonstrate prostaglandin synthetase? A study on polyunsaturated fatty acid-induced DAB oxidation in sheep vesicular glands and rabbit kidney medulla.

Comparative studies on immobilization of human prostatic acid phosphatase.

The effect of inosine on the recovery of isolated perfused arteries from dinitrophenol [proceedings].

Transplacental induction of mixed-function oxygenases in extra-hepatic tissues by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

In vitro uptake of gentamicin by rat renal cortical tissue.

Nitric oxide activates guanylate cyclase and increases guanosine 3':5'-cyclic monophosphate levels in various tissue preparations.

Effects of temperature, metabolic and cytoskeletal inhibitors on the rate of BHK cell adhesion to polystyrene.

[Calorigenic effect of catecholamines in dinitrophenol poisoning].

The influence of 3,4-dihydroxyphenylacetic acid on the accumulation of 5-hydroxyindoleacetic acid in the choroid plexus and kidney cortex slices of rats.

Hydrogen peroxide lowers ATP levels in platelets without altering adenylate energy charge and platelet function.

Factors affecting the distribution of chloride ions in rat renal outer medulla.

2,4,5-trichlorophenol, a new urinary metabolite of hexachlorobenzene.

Activation of guanylate cyclase in cerebral cortex of rat by hydroxylamine.

Innocuity and toxicity testing of non-viral components of foot-and-mouth disease vaccines.

Effect of extracellular pH and inhibitors on the gluconeogenesis and ammoniogenesis relationship in rat kidney cortex slices.

Experience with hemoperfusion in drug abuse.

Studies on the mechanism of renal transport depression caused by pretreatment with 2,4,5-trichlorophenoxyacetate.

Paraquat poisoning: new aspects of therapy.

Efficacy of gut lavage, hemodialysis, and hemoperfusion in the therapy of paraquat or diquat intoxication.

[Diquat-dibromide (Reglone) poisoning treated with hemodialysis].

A deadly cure for lice - a case of paraquat poisoning.

Paraquat revisited.

Editorial: Paraquat poisoning.

Paraquat accumulation: tissue and species specificity.

Pesticide levels of patients on chronic hemodialysis.

Perinatal nephropathies.

On the turnover and proteolysis of catalase in tissues of the guinea pig and acatalasemic mice.

[Intestinal elimination of uremic metabolites by the adsorbents].

Oxygen delivery in perfused rat kidney: NADH fluorescence and renal functional state.

Localization of platelet prostaglandin production in the platelet dense tubular system.

Liver enlargement induced by the herbicide 2,4,5-trichlorophenoxyacetic acid (2,4,5-T).

In vitro uptake of organic ions by renal cortical tissue of rats treated acutely with 2,4,5-trichlorophenoxyacetic acid.

The renal handling of 2,4,5-trichlorophenoxyacetic acid (2,4,5-T) in the dog.

Teratogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in CF-1 mice.

The production of urinary phenols by gut bacteria and their possible role in the causation of large bowel cancer.

Sheep erythrocytes binding ability on a mouse renal adenocarcinoma cell line and its hybrid with human lymphocytes.

[Estrogen receptor in human endometrium--energy requirement, stability and subunit structure--(author's transl)].

Studies on the modification of renal lesions due to aspirin and oxyphenbutazone in the rat and the effects on the kidney of 2:4 dinitrophenol.

Biochemical studies on human ceruloplasmin.

Effect of hypothyroidism on responsiveness to beta-adrenergic stimulation.

[Influence of uncoupling agents on the capacity of transaminase in kidney and pancreas].

Hematologic abnormalities following gastric resection.

Value of urinary simple phenol and indican determinations in the diagnosis of the stagnant loop syndrome.

Appearance of magnesium guanylate cyclase activity in rat liver with sodium azide activation.

Calcium metabolism and amylase release in rat parotid acinar cells.

Nuclear magnetic resonance studies of sperm whale myoglobin specifically enriched with ^{13}C in the methionine methyl groups.

Ca^{2+} -uptake into noradrenaline-storing granules of bovine splenic nerves.

Catalase activates cerebral guanylate cyclase in the presence of sodium azide.

Hepatic and extrahepatic metabolism of ^{14}C -styrene oxide.

The binding of phenol red to rabbit renal cortex.

[Absorption, distribution, excretion and metabolism of a basic ether compound (R97) with antispasmodic activity].

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on renal function in the rat.

Properties of the guanylate cyclase-guanosine 3':5'-monophosphate system of rat renal cortex. Activation of guanylate cyclase and calcium-independent modulation of tissue guanosine 3':5'-monophosphate by sodium azide.

A morphometric and biochemical investigation of the vesiculation of kidney microvilli.

[Continuous inhalation of small amounts of formaldehyde: experimental study in the rat].

Isolation, characterization and partial sequence of cyanogen bromide fragments and thiol peptides from pig kidney D-amino-acid oxidase.

Positive chronotropic effect of dialysable peptides derived from plasmin digestion of bovine fibrinogen preparations.

Regulatory characteristics of amino acid transport in newborn rat renal cortex cells.

The metabolism of higher chlorinated benzene isomers.

Cytochemical localization of endogenous peroxidase activity in renal medullary collecting tubules and papillary mucosa of the rat.

Renal handling of phenol red. II. The mechanism of substituted phenolsulphophthalein (PSP) dye transport in rabbit kidney tubules in vitro.

Synthesis of some 1, 8- and 2, 8-disubstituted derivatives of adenosine cyclic 3', 5'-phosphate and their interaction with some enzymes of cAMP metabolism.

Methods to assess reproductive effects of environmental chemicals: studies of cadmium and boron administered orally.

L-alanine accumulation in isolated tubuli from rat kidney cortex.

Different inhibitory effects of 2,4-dinitrophenol, iodoacetate, and probenecid on renal excretion of p-aminohippurate, cyclopentiazide, and sulfamethoxypyridazine in rats.

[Effect of some preservatives on pregnancy and fetal development in experimental animals].

Glutamate metabolism in rat kidney mitochondria.

Clinical toxicities of domestic and wild caged birds.

Paraquat poisoning in man.

[Morphological and toxicological studies of experimental diquat poisoning].

Nephrotoxicity of paraquat in mice.

Editorial: Benzene rings and the bladder.

[Ultrastructural study of a renal biopsy in a patient poisoned by paraquat].

[Resuscitation in 1975].

Effect of paraquat on the biosynthesis of deoxyribonucleic acid, ribonucleic acid and protein in the rat.

[Clinical and toxicological studies on DIQUAT elimination using extracorporeal hemodialysis].

On the question of extracorporeal hemodialysis in diquat intoxication.

[Course of urinary excretion of 2,4-dichlorophenoxyacetic acid].

Short-term oral and dermal toxicity of MCPA and MCPP.

Inhibition of platelet aggregation induced by either epinephrine or arachidonic acid.

In vitro analysis of the renal handling of paraquat.

Propanil (3,4-dichloropropionanilide)-induced methemoglobin formation in relation to its metabolism in vitro.

The rates of radical formation from dipyridylum herbicides paraquat, diquat, and morfamquat in homogenates of rat lung, kidney, and liver: an inhibitory effect of carbon monoxide.

Residues of chlorophenoxy acid herbicides and their phenolic metabolites in tissues of sheep and cattle.

Effects of different fixatives on the ultrastructure of the developing proximal tubule in the rat kidney.

Two populations of granular vesicles in constricted post-ganglionic sympathetic nerves.

The metabolism of Diquat in hens and residues in eggs and tissues.

The role of hydrogen peroxide production and catalase in hepatic ethanol metabolism.

Isolation and characterization of CNBr peptides of human (alpha 1 (III))₃ collagen and tissue distribution of (alpha 1 (I))₂ alpha 2 and (alpha 1 (III))₃ collagens.

Energy-dependent calcium uptake activity of microsomes from the aorta of normal and hypertensive rats.

Association between bladder tumors and chronic exposure to cresol and creosote.

Sephadex-bound erythropoietin. Studies with anti-erythropoietin.

Basement membranes: structural and biosynthetic considerations.

Methyl iodide intoxication. A case report.

The ionic control of 1,25-dihydroxyvitamin D₃ synthesis in isolated chick renal mitochondria. The role of calcium as influenced by inorganic phosphate and hydrogen-ion.

Iron poisoning in children.

Effect of beta adrenergic blockade on surviving to acute hypoxia in mice.

Antigenic activity, in humans, of purified low molecular weight fractions of timothy pollen.

[Utilization of luminescent monospecific sera against human immunoglobulins G, A and M for diagnostic purposes].

Oxidation of succinate in heart, brain, and kidney mitochondria in hypobaria and hypoxia.

Biosynthesis of basement membrane collagen in cultures of renal glomerular and tubular epithelial cells.

The biological fate in rats of vinyl chloride in relation to its oncogenicity.

Further evidence for a proton pump in mouse kidney phagolysosomes: effect of nigericin and 2,4-dinitrophenol on the stimulation of intralysosomal proteolysis by ATP.

Occurrence, transport, and storage of octopamine in human thrombocytes.

Metabolic inhibition and adrenoceptor interconversion.

Activation of guanylate cyclase from rat liver and other tissues by sodium azide.

Non-dependence on native structure of pig liver pyruvate kinase when used as a substrate for cyclic 3',5'-AMP-stimulated protein kinase.

Interaction of a chick skin collagen fragment (α 1-CB5) with human platelets. Biochemical studies during the aggregation and release reaction.

Long chain base and fatty acid compositions of equine kidney sphingolipids.

The distribution and mobility of anionic sites on the surfaces of baby hamster kidney cells.

Structural studies on fructose- 1,6-bisphosphatases from rabbit liver, kidney, and muscle.

[Catecholamine content and electrolyte balance of the rabbit myocardium during poisoning with 2,4-dinitrophenol].

Relationship between L-alanine and sodium ion transport in isolated renal tubules.

Structural and functional studies of ligandin, a major renal organic anion-binding protein.

Energy dependence of urinary bicarbonate secretion in turtle bladder.

Immunochemistry of the thrombin-altered NH₂-terminal disulfide knot of human fibrinogen.

Human, rat and mouse liver-mediated mutagenicity of vinyl chloride in *S. typhimurium* strains.

Induction and suppression of hepatic and extrahepatic microsomal foreign-compound-metabolizing enzyme systems by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Hormonal influences in the development of the hypermetabolic state of the liver produced by chronic administration of ethanol.

[Accumulation of p-aminohippuric acid and cyclopentiazide in renal cortex slices from rats of various ages and their dependence on the energy supply].

Urinary metabolites from gamma- and beta-BHC in the mouse: chlorophenol conjugates.

Biodegradation of alpha-hexachlorocyclohexane. V. Characterization of the major urinary metabolites.

Further observations on paraquat poisoning in man.

[Paraquat intoxication and isolated aplastic anaemia (author's transl)].

Paraquat lung: a reappraisal.

[Clinical and histopathological study on paraquat poisoning].

[Paraquat poisoning in Israel].

Short-term toxicity of pentachlorophenol in rats.

[Massive paraquat poisoning, fatal within 24 hours. Toxicologic and anatomo-clinical data].

Problems associated with the screening of drugs for possible teratogenic activity.

[Toxicity and nutritional effects, in the rat, of 2 herbicides: picloram (4-amino-3,5,6-trichloropicolinic acid) and atrazine (2-chloro-4-ethylamino-6-isopropylamino-5-triazine)].

[Clinical treatment of parquat-intoxication (author's transl)].

[The reaction of nitrite with pesticides. Formation, chemical properties and carcinogenic activity of the N-nitroso compound of the herbicide N-methyl-N'-(2-benzothiazolyl)-urea (benzthiazuron) (author's transl)].

Effects of acetaldehyde, propionaldehyde, formaldehyde and acrolein on contractility, ¹⁴C-norepinephrine and ⁴⁵calcium binding in isolated smooth muscle.

Renal tubular transfer of phenoxyacetic acids in the chicken.

In vitro analysis of transport of 2,4,5-trichlorophenoxyacetic acid by rat and dog kidney.

Metabolism of the herbicide methazole (2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione) in rats.

X-accumulation of labelled aminotriazole in some transplanted tumours in mice.

Action of cytochalasin D on cells of established lines. I. Early events.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on stimulated DNA synthesis in the liver and kidney of the rat.

Primary structure of lobster-muscle arginine kinase. Isolation and characterization of the fragments produced by cyanogen-bromide cleavage.

Residual bromide in tissues of rats fed methyl bromide fumigated diets.

The Biosynthesis of delta-Aminolevulinic Acid in Higher Plants: I. Accumulation of delta-Aminolevulinic Acid in Greening Plant Tissues.

[Effect of noradrenaline and 2,4-dinitrophenol on the energetics of muscle contraction].

Table 2A-12 – Titles of Pubmed Records Related to Liver Adverse Events Following Herbicide Exposure

* LIVER *; LIVER; *ASCITES*; *BILIARY CHOLANGITIS*; *CIRRHOSIS*; *HEMOCHROMATOSIS*; *HEPAT*; *STEATOSIS* (7670)

Prometryn exposure disrupts the intestinal health of *Eriocheir sinensis*: Physiological responses and underlying mechanism.

Usefulness of oxidative stress biomarkers in native species for the biomonitoring of pesticide pollution in a shallow lake of the Austral Pampas, Argentina.

Spatiotemporal Visualization of Paraquat Distribution, Toxicokinetics, and Its Detoxification in Zebrafish Using Matrix-Assisted Laser Desorption Ionization Mass Spectrometry Imaging.

Association of UGT1A1 gene variants, expression levels, and enzyme concentrations with 2,3,7,8-TCDD exposure in individuals exposed to Agent Orange/Dioxin.

A combination of silymarin and garlic extract enhances thyroid hormone activation and body metabolism in orally intoxicated male rats with atrazine: Impact on hepatic iodothyronine deiodinase type 1.

In vivo estrogenicity of glyphosate, its formulations, and AMPA on transgenic zebrafish (*Danio rerio*) embryos.

Amentoflavone mediated hepatoprotection to counteract paraquat instigated hepatotoxicity via modulating Nrf2/keap1 pathway: A biochemical, inflammatory, apoptotic and histopathological study.

Redox imbalance and inflammation: A link to depression risk in Brazilian pesticide-exposed farmers.

Long term integrated biomarker responses in freshwater African catfish *Clarias gariepinus* exposed to a new brand of herbicide fluazifop-p-butyl.

Analysis of the association between urinary glyphosate exposure and fatty liver index: a study for US adults.

ATR induces hepatic lipid metabolism disorder in rats by activating IRE1 \pm /XBP1 signaling pathway.

Insights on cyclophosphamide metabolism and anticancer mechanism of action: A computational study.

Preservative effect of pomegranate-based marination with \hat{I}^2 -resorcylic acid and cinnamaldehyde on the microbial quality of chicken liver.

Exogenous Melatonin Alleviates Atrazine-Induced Glucose Metabolism Disorders in Mice Liver via Suppressing Endoplasmic Reticulum Stress.

Exploring azomethine ylides reactivity with acrolein through cycloaddition reaction and computational antiviral activity assessment against hepatitis C virus.

Grape seed-derived procyanidin inhibits glyphosate-induced hepatocyte ferroptosis via enhancing crosstalk between Nrf2 and FGF12.

ALDH2 deficiency exacerbates MCD-diet induced MASLD by modulating bile acid metabolism.

Enrichment and distribution of 3,6-dichlorocarbazole in red crucian carp (*Carassius auratus*) and its hepatotoxicity.

Self-heating mitochondrion-induced free radical blast for immunogenic cell death stimulation and HCC immunotherapy.

m-Cresol, a pesticide intermediate, induces hepatotoxicity and behavioral abnormalities in zebrafish larvae through oxidative stress, apoptosis.

Transcriptomic and metabolomic profile changes in the liver of Sprague Dawley rat offspring after maternal PFOS exposure during gestation and lactation.

Inhibition of the urea cycle by the environmental contaminant 2,3,7,8-tetrachlorodibenzo-p-dioxin increases serum ammonia levels in mice.

Glufosinate-ammonium causes liver injury in zebrafish by blocking the Nrf2 pathway.

The role of thioredoxin and glutathione systems in arsenic-induced liver injury in rats under glutathione depletion.

Behavioral and biochemical consequences after chronic exposition to the herbicide atrazine in tadpoles.

Efficient removal of toxicity associated to wastewater treatment plant effluents by enhanced Soil Aquifer Treatment.

The uses of zebrafish (*Danio rerio*) as an in vivo model for toxicological studies: A review based on bibliometrics.

Hepatic glucuronidation of tetrabromobisphenol A and tetrachlorobisphenol A: interspecies differences in humans and laboratory animals and responsible UDP-glucuronosyltransferase isoforms in humans.

Oxidative stress in the bivalve *Diplodon chilensis* under direct and dietary glyphosate-based formulation exposure.

Hepatic effects of acetochlor chiral isomers in zebrafish and LO2 cells.

Gut microbiota disorders aggravate terbuthylazine-induced mitochondrial quality control disturbance and PANoptosis in chicken hepatocyte through gut-liver axis.

Short-term effects of sodium arsenite (AsIII) and sodium arsenate (AsV) on carbohydrate metabolism in the perfused rat liver.

Loss of flavin-containing monooxygenase 3 modulates dioxin-like polychlorinated biphenyl 126-induced oxidative stress and hepatotoxicity.

Roles of oxidative stress/JNK/ERK signals in paraquat-triggered hepatic apoptosis.

Differential eigengene network analysis reveals benzo[a]pyrene and 2,3,7,8-tetrachlorodibenzo-p-dioxin consensus regulatory network in human liver cell line HepG2.

Influence of triazines and lipopolysaccharide coexposure on inflammatory response and histopathological changes in the testis and liver of BalB/c mice.

Chronic arsenic exposure-provoked biotoxicity involved in liver-microbiota-gut axis disruption in chickens based on multi-omics technologies.

Effects of Aminomethylphosphonic Acid on the Transcriptome and Metabolome of Red Swamp Crayfish, *Procambarus clarkii*.

Differential Modulatory Effects of Methylmercury (MeHg) on Ahr-regulated Genes in Extrahepatic Tissues of C57BL/6 Mice.

2,4-D Herbicide-Induced Hepatotoxicity: Unveiling Disrupted Liver Functions and Associated Biomarkers.

Exploring Metabolic and Gut Microbiome Responses to Paraquat Administration in Male Wistar Rats: Implications for Oxidative Stress.

Transcriptome analysis reveal the effect of freshwater sediments containing 2,3,7,8-tetrachlorodibenzo-p-dioxin on the *Macrobrachium rosenbergii* hepatopancreas, intestine, and muscle.

Holistic Assessment Based On Hepatocyte Mitochondria: Lycopene Repairs Oxidized mtDNA to Alleviate Mitochondrial Stress Induced by Atrazine.

Serum metabolome and liver transcriptome reveal acrolein inhalation-induced sex-specific homeostatic dysfunction.

Modifying effects of 2,4-D and Glyphosate exposures on gut-liver-adipose tissue axis of diet-induced non-alcoholic fatty liver disease in mice.

Supplementation with grape seed extract, onion peel extract, or rosemary extract in the diet^Â alleviates growth inhibition, liver damage, and oxidative stress induced by diquat in Lohmann chicks.

Association of glyphosate exposure with multiple adverse outcomes and potential mediators.

Dietary curcumin supplementation alleviates diquat-induced oxidative stress in the liver of broilers.

Involvement of glyphosate in disruption of biotransformation P450 enzymes and hepatic lipid metabolism in chicken.

Sub-acute toxicity of the herbicide glufosinate-ammonium exposure in adult red swamp crayfish (*Procambarus clarkii*).

Mutagenicity, hepatotoxicity, and neurotoxicity of glyphosate and fipronil commercial formulations in Amazon turtles neonates (*Podocnemis expansa*).

Ecotoxicology of the herbicide paraquat: effects on wildlife and knowledge gaps.

Toxicity assessment and detoxification metabolism of sodium pentachlorophenol (PCP-Na) on marine economic species: a case study of *Moerella iridescens* and *Exopalaemon carinicauda*.

Effects of glyphosate exposure on western diet-induced non-alcoholic fatty liver disease in mice.

Maternal impacts of pre-conceptional glyphosate exposure.

Toxic effects of benfluralin on zebrafish embryogenesis via the accumulation of reactive oxygen species and apoptosis.

Glyphosate-based herbicide (GBH) challenged thermoregulation in lizards (*Eremias argus*), compensatory warming could mitigate this effect.

Zinc Oxide Nanoparticles and Vitamin C Ameliorate Atrazine-Induced Hepatic Apoptosis in Rat via CYP450s/ROS Pathway and Immunomodulation.

Enantioselective in vitro metabolism of the herbicide diclofop-methyl: Prediction of toxicokinetic parameters and reaction phenotyping.

Higher urinary glyphosate exposure is associated with increased risk of liver dysfunction in adults: An analysis of NHANES, 2013-2016.

[Study on the occupational exposure limit of glyphosate in the air of workplace].

Response to oxidative stress of AML12 hepatocyte cells with knockout of methionine sulfoxide reductases.

Dimethylarsinic acid induces bladder carcinogenesis via the amphiregulin pathway.

[Investigation on health status of workers exposed to glyphosate].

Selected herbicides screened for toxicity and analysed as inhibitors of both cholinesterases.

Evaluation of perinatal exposure of glyphosate and its mixture with 2,4-D and dicamba in liver redox status in Wistar rats.

Co-exposure of iron oxide nanoparticles with glyphosate herbicides in *Poecilia reticulata*: Fish liver damages is reversible during iron accumulation and elimination period.

Maternal pre-conceptual glyphosate exposure impacts the offspring hepatic and ovarian proteome.

Glyphosate induces autophagy in hepatic L8824 cell line through NO-mediated activation of RAS/RAF/MEK/ERK signaling pathway and energy metabolism disorders.

Glyphosate-induced liver and kidney dysfunction, oxidative stress, immunosuppression in Nile tilapia, but ginger showed a protection role.

Glyphosate Interference in Follicular Organization in the Wall Lizard *Podarcis siculus*.

Atrazine contaminated sites and bullfrog tadpoles: evasive trends and biochemical consequences.

Role of NF- κ B/IL-1 β Pathway and Caspase 3 in Mediating the Hepatoprotective Effect of Rutin against Paraquat-Induced Liver Toxicity in Male Rats.

Species differences and human relevance of the toxicity of 4-hydroxyphenylpyruvate dioxygenase (HPPD) inhibitors and a new approach method in vitro for investigation.

Tannin alleviates glyphosate exposure-induced apoptosis, necrosis and immune dysfunction in hepatic L8824 cell line by inhibiting ROS/PTEN/PI3K/AKT pathway.

Cyhalofop-butyl exposure induces the severe hepatotoxicity and immunotoxicity in zebrafish embryos.

Minor metabolomic disturbances induced by glyphosate-isopropylammonium exposure at environmentally relevant concentrations in an aquatic turtle, *Pelodiscus sinensis*.

Effects of dietary supplementation with chlorogenic acid on growth performance, antioxidant capacity, and hepatic inflammation in broiler chickens subjected to diquat-induced oxidative stress.

Transcriptome analysis reveals the mechanisms of hepatic injury caused by long-term environmental exposure to atrazine in juvenile common carp (*Cyprinus carpio* L.).

Glyphosate-triggered hepatocyte ferroptosis via suppressing Nrf2/GSH/GPX4 axis exacerbates hepatotoxicity.

Human health risks and hepatotoxicity associated with exposure to atrazine surveyed in drinking water from Ijebu-North, Southwest, Nigeria.

Single-cell transcriptome analysis reveals liver injury induced by glyphosate in mice.

Toxic effects of glyphosate on histopathology and intestinal microflora of juvenile *Litopenaeus vannamei*.

Alterations in cell viability, reactive oxygen species production, and modulation of gene expression involved in mitogen-activated protein kinase/extracellular regulating kinase signaling pathway by glyphosate and its commercial formulation in hepatocellular carcinoma cells.

Glyphosate based-herbicide disrupts energy metabolism and activates inflammatory response through oxidative stress in mice liver.

Mitigating effect of L-carnitine against atrazine-induced hepatotoxicity: histopathological and biochemical analyses in albino rats.

Evaluation of acute toxicity and histology effect on liver of glyphosate and atrazine in the African catfish *Clarias gariepinus* (Burchell 1822).

Human serum lipidomics analysis revealed glyphosate may lead to lipid metabolism disorders and health risks.

Chronic effects of environmental concentrations of antifoulant diuron on two marine fish: Assessment of hormone levels, immunity, and antioxidant defense system.

Synergistic toxicity of ethanol and 2,4-dichlorophenoxyacetic acid enhances oxidant status, DNA damage, inflammation, and apoptosis in rats.

Exposure to Agent Orange and Hepatocellular Carcinoma Among US Military Personnel.

Effects of glyphosate exposure on gut-liver axis: Metabolomic and mechanistic analysis in grass carp (*Ctenopharyngodon idellus*).

Single-chemical and mixture effects of multiple volatile organic compounds exposure on liver injury and risk of non-alcoholic fatty liver disease in a representative general adult population.

A review of the characteristic properties of selected tobacco chemicals and their associated etiological risks.

Clinical and pathological characteristics of acute kidney injury caused by diquat poisoning.

[Predictive value of serum lactate dehydrogenase on prognosis of patients with paraquat poisoning].

Glyphosate potentiates insulin resistance in skeletal muscle through the modulation of IRS-1/PI3K/Akt mediated mechanisms: An in vivo and in silico analysis.

Trehalose prevents glyphosate-induced hepatic steatosis in roosters by activating the Nrf2 pathway and inhibiting NLRP3 inflammasome activation.

Glyphosate-induced autophagy inhibition results in hepatic steatosis via mediating epigenetic reprogramming of PPAR α in roosters.

Diet as a Source of Acrolein: Molecular Basis of Aldehyde Biological Activity in Diabetes and Digestive System Diseases.

Association of Lifetime Exposure to Glyphosate and Aminomethylphosphonic Acid (AMPA) with Liver Inflammation and Metabolic Syndrome at Young Adulthood: Findings from the CHAMACOS Study.

Small-Molecule Cyanamide Pan-TEAD^Δ-YAP1 Covalent Antagonists.

A neuroprotective dose of trehalose is harmless to metabolic organs: comprehensive histopathological analysis of liver, pancreas, and kidney.

Selenium-dependent glutathione peroxidase 1 regulates transcription of elongase 3 in murine tissues.

The effects of glyphosate-based herbicide on the hypothalamic-pituitary thyroid axis are tissue-specific and dependent on age exposure.

Safety assessment of subchronic feeding of insect-resistant and herbicide-resistant transgenic soybeans to juvenile channel catfish (*Ictalurus punctatus*).

Associations of arsenic exposure with liver injury in US adults: NHANES 2003-2018.

m(6)A methylation-mediated PGC-1^Δ contributes to ferroptosis via regulating GSTK1 in arsenic-induced hepatic insulin resistance.

Quantitative Integration of Mode of Action Information in Dose-Response Modeling and POD Estimation for Nonmutagenic Carcinogens: A Case Study of TCDD.

Safety and efficacy of once-daily HU6 versus placebo in people with non-alcoholic fatty liver disease and high BMI: a randomised, double-blind, placebo-controlled, phase 2a trial.

Metformin alleviates sodium arsenite-induced hepatotoxicity and glucose intolerance in mice by suppressing oxidative stress, inflammation, and apoptosis.

Shenqi formula delayed Alzheimer's disease-like symptoms by skn-1 pathway in *Caenorhabditis elegans*.

Dysregulated meta-organismal metabolism of aromatic amino acids in alcohol-associated liver disease.

The Use of Multiple Biomarkers to Assess the Health of Anuran Amphibians in the Brazilian Cerrado Savanna: An Ecotoxicological Approach.

Carbon Nitride-Based siRNA Vectors with Self-Produced O₂ Effects for Targeting Combination Therapy of Liver Fibrosis via HIF-1^Δ-Mediated TGF-^Δ1/Smad Pathway.

A Novel Quinazoline Derivative Prevents and Treats Arsenic-Induced Liver Injury by Regulating the Expression of RecQ Family Helicase.

A *Cryptosporidium parvum* vaccine candidate effect on immunohistochemical profiling of CD4(+), CD8(+), Caspase-3 and NF-^ΔB in mice.

Effect of Long-Term Low-Dose Arsenic Exposure on DNA Methylation and Gene Expression in Human Liver Cells.

Haloxypop-P-methyl induces immunotoxicity and glucose metabolism disorders and affects the Nrf2/ARE pathway mediated antioxidant system in *Chiromantes dehaani*.

Characterizing the impact of simvastatin co-treatment of cell specific TCDD-induced gene expression and systemic toxicity.

Female-to-male differential transcription patterns of miRNA-mRNA networks in the livers of dioxin-exposed mice.

17-(R/S)-hydroxyeicosatetraenoic acid (HETE) induces cardiac hypertrophy through the CYP1B1 in enantioselective manners.

Do natural catastrophic events and exceptional climatic conditions also affect parasites?

Liver enzymes mediate the association between aldehydes co-exposure and hypertriglyceridemia.

Alternations in interleukin-1 β and nuclear factor kappa beta activity (NF- κ B) in rat liver due to the co-exposure of Cadmium and Arsenic: Protective role of curcumin.

A phenome-wide association study (PheWAS) to identify the health impacts of 4-cresol sulfate in the Nagahama Study.

The health risk of acetochlor metabolite CMEPA is associated with lipid accumulation induced liver injury.

Molinate induces organ defects by promoting apoptosis, inflammation, and endoplasmic reticulum stress during the developmental stage of zebrafish.

Arsenic trioxide (ATO) up-regulates cytochrome P450 1A (CYP1A) enzymes in murine hepatoma Hepa-1c1c7 cell line.

Hepatoprotective and anti-hyperglycemic effects of ferulic acid in arsenic-exposed mice.

TCDD dysregulation of lncRNA expression, liver zonation and intercellular communication across the liver lobule.

Effects of food-derived oligopeptide iron chelates on liver injury and gut microbiota homeostasis in iron-deficiency anemia female rats: a pilot study.

Diosmin exerts hepatoprotective and antihyperglycemic effects against sodium arsenite-induced toxicity through the modulation of oxidative stress and inflammation in mice.

Cystine/Glutamate Xc(-) Antiporter Induction Compensates for Transsulfuration Pathway Repression by 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) to Ensure Cysteine for Hepatic Glutathione Biosynthesis.

Disruption of the mouse liver epitranscriptome by long-term aroclor 1260 exposure.

Ferrous sulfate reverses cerebral metabolic abnormality induced by minimal hepatic encephalopathy.

Biodegradable Hollow Nanoscavengers Restore Liver Functions to Reverse Insulin Resistance in Type 2 Diabetes.

The effect of *Alnus incana* (L.) Moench extracts in ameliorating iron overload-induced hepatotoxicity in male albino rats.

Citicoline ameliorates arsenic-induced hepatotoxicity and diabetes in mice by overexpression of VAMP2, PPAR- β , As3MT, and SIRT3.

Polyhalogenated carbazoles induce hepatic metabolic disorders in mice via alteration in gut microbiota.

Steatosis and Metabolic Disorders Associated with Synergistic Activation of the CAR/RXR Heterodimer by Pesticides.

Fetal lung hypoxia and energetic cell failure in the nitrofen-induced congenital diaphragmatic hernia rat model.

Thioredoxin A of *Streptococcus suis* Serotype 2 Contributes to Virulence by Inhibiting the Expression of Pentraxin 3 to Promote Survival Within Macrophages.

Malathion alters the transcription of target genes of the tumour suppressor tp53 and cancerous processes in *Colossoma macropomum*: Mechanisms of DNA damage response, oxidative stress and apoptosis.

Antioxidant and Lipid-Lowering Effects of Buriti Oil (*Mauritia flexuosa* L.) Administered to Iron-Overloaded Rats.

Consequences of reprogramming acetyl-CoA metabolism by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the mouse liver.

Associations of metal mixtures with metabolic-associated fatty liver disease and non-alcoholic fatty liver disease: NHANES 2003-2018.

Identification of key genes in hepatocellular carcinoma associated with exposure to TCDD and $\hat{\pm}$ -endosulfan by WGCNA.

Is it really safe to replace decabromodiphenyl ether (BDE209) with decabromodiphenyl ethane (DBDPE)?: A perspective from hepatotoxicity.

The capsaicinoid nonivamide suppresses the inflammatory response and attenuates the progression of steatosis in a NAFLD-rat model.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces liver lipid metabolism disorder via the ROS/AMPK/CD36 signaling pathway.

Mechanistic insights on the possible protective role of polyphenols extracted from *Tamarix aphylla* aerial parts against sodium arsenite-induced hepatotoxicity in rats.

Single-cell transcriptomics shows dose-dependent disruption of hepatic zonation by TCDD in mice.

Supplementation with sesame oil suppresses genotoxicity, hepatotoxicity and enterotoxicity induced by sodium arsenite in rats.

[Clinical case report of acute dinitrophenol poisoning with a fatal outcome of Udmurt Republic].

The environmental pollutant, polychlorinated biphenyl 126, alters liver function in a rodent model of alcohol-associated liver disease.

In vitro and in vivo assessments of the genotoxic potential of 3-chloroallyl alcohol.

Multi-omics reveals diet-induced metabolic disorders and liver inflammation via microbiota-gut-liver axis.

Betaine protects against sodium arsenite-induced diabetes and hepatotoxicity in mice.

Metabolic Communication by SGLT2 Inhibition.

Antioxidant Vitamins Attenuate Glyphosate-Induced Development of Type-2 Diabetes Through the Activation of Glycogen Synthase Kinase-3 β and Forkhead Box Protein O-1 in the Liver of Adult Male Rats.

Cytotoxicity of 19 Pesticides in Rainbow Trout Gill, Liver, and Intestinal Cell Lines.

Phenolic compounds in the freshwater environment in South Korea: Occurrence and tissue-specific distribution.

Ginkgo Biloba Extract Can Antagonize Subchronic Arsenite Exposure-Induced Hepatocyte Senescence by Inhibiting Oxidative Damage and Inflammation in Rats.

An insight into the critical role of gut microbiota in triggering the phthalate-induced toxicity and its mitigation using probiotics.

Toxicological evaluation of TBBPA by common carp (*Cyprinus carpio*) about the in vivo/vitro disturbance of the AHR pathway.

Pan msr gene deleted strain of *Salmonella Typhimurium* suffers oxidative stress, depicts macromolecular damage and attenuated virulence.

The Role of BNIP3 and Blocked Autophagy Flux in Arsenic-Induced Oxidative Stress-Induced Liver Injury in Rats.

Plant-derived squalene supplementation improves growth performance and alleviates acute oxidative stress-induced growth retardation and intestinal damage in piglets.

Thiosulfate sulfurtransferase deficiency promotes oxidative distress and aberrant NRF2 function in the brain.

How single-cell transcriptomics provides insight on hepatic responses to TCDD.

Interpretable predictive models of genome-wide aryl hydrocarbon receptor-DNA binding reveal tissue-specific binding determinants.

Cross species extrapolation of the disruption of thyroid hormone synthesis by oxyfluorfen using in vitro data, physiologically based pharmacokinetic (PBPK), and thyroid hormone kinetics models.

Suppressed Histone H3 Lysine 18 Acetylation Is Involved in Arsenic-Induced Liver Fibrosis in Rats by Triggering the Dedifferentiation of Liver Sinusoidal Endothelial Cells.

Bifenox induces programmed cell death in bovine mammary epithelial cells by impairing calcium homeostasis, triggering ER stress, and altering the signaling cascades of PI3K/AKT and MAPK.

Hepatic cholesterol biosynthesis and dioxin-induced dysregulation: A multiscale computational approach.

Dimethenamid promotes oxidative stress and apoptosis leading to cardiovascular, hepatic, and pancreatic toxicities in zebrafish embryo.

Nilotinib alleviates paraquat-induced hepatic and pulmonary injury in rats via the Nrf2/Nf-kB axis.

Deeper insights into the effects of low dietary levels of polychlorinated biphenyls on pig metabolism using gas chromatography-high resolution mass spectrometry metabolomics.

Developmental toxicity of flufenacet including vascular, liver, and pancreas defects is mediated by apoptosis and alters the Mapk and PI3K/Akt signal transduction in zebrafish.

A Review on the Role of Phytoconstituents Chrysin on the Protective Effect on Liver and Kidney.

Regulation of Hepatic Xenosensor Function by HNF4alpha.

Autoantibodies to beta tubulin in autoimmune liver diseases - relation to pANCA and clinical relevance.

A review of food contaminant 2,3,7,8-tetrachlorodibenzo-p-dioxin and its toxicity associated with metabolic disorders.

Biological Characterization of Cleome felina L.f. Extracts for Phytochemical, Antimicrobial, and Hepatoprotective Activities in Wistar Albino Rats.

Acute paraquat poisoning complicated by acute kidney injury and lung fibrosis: a case report from Nepal.

Carbonyl cyanide-4-(trifluoromethoxy)phenylhydrazone-induced toxicities in rats: comparative study with other mitochondrial uncouplers (2,4-dinitrophenol, OPC-163493 and tolcapone).

Role of NRF2 and reactive aldehydes in acute cellular rejection in liver transplant recipients.

Pelargonic acid vanillylamide alleviates hepatic autophagy and ER stress in hepatic steatosis model.

Terbutryn causes developmental toxicity in zebrafish (*Danio rerio*) via apoptosis and major organ malformation in the early stages of embryogenesis.

Priority screening of contaminants of emerging concern in drinking water sources of eastern China: Assessing risks based on exposure-activity ratios (EARs).

Toxicokinetic modelling of the transfer of non-dioxin like polychlorinated biphenyls from feed into edible tissues of pigs.

Effects of early repeated hemoperfusion combined with hemodialysis on the prognosis of patients with paraquat poisoning.

Oral iron supplementation ameliorated alterations in iron uptake and utilization in copper-toxic female Wistar rats.

Acetobacter pasteurianus BP2201 alleviates alcohol-induced hepatic and neuro-toxicity and modulate gut microbiota in mice.

Bensulide-induced oxidative stress causes developmental defects of cardiovascular system and liver in zebrafish (*Danio rerio*).

Effects of Prometryn Exposure on Hepatopancreas Oxidative Stress and Intestinal Flora in *Eriocheir sinensis* (Crustacea: Decapoda).

Updating "Dataset of transcriptomic changes that occur in human preadipocytes over a 3-day course of exposure to 3,3',4,4',5-Pentachlorobiphenyl (PCB126)" with additional data on exposure to 2,2',5,5'-tetrachlorobiphenyl (PCB52) or its 4-hydroxy metabolite (4-OH-PCB52).

Pesticide concentration in three selected fish species and human health risk in the Lake Tana sub-basin, Ethiopia.

Case report: Lung transplantation for treatment of paraquat intoxication: timing of transplantation.

PTEN Overexpression Alters Autophagy Levels and Slows Sodium Arsenite-Induced Hepatic Stellate Cell Fibrosis.

Effects of prometryn on oxidative stress, immune response and apoptosis in the hepatopancreas of *Eriocheir sinensis* (Crustacea: Decapoda).

Herbicide propisochlor exposure induces intestinal barrier impairment, microbiota dysbiosis and gut pyroptosis.

Novel 2-alkylthio-4-chloro-N-[imino(heteroaryl)methyl]benzenesulfonamide Derivatives: Synthesis, Molecular Structure, Anticancer Activity and Metabolic Stability.

Effects of metamifop on ammonia production and metabolism of *Monopterus albus*.

Mobitz type I as manifestation of acute lithium cardiotoxicity.

Pentachlorophenol-induced hemotoxicity diminishes antioxidant potential and oxidizes proteins, thiols, and lipids in rat blood: An in vivo study.

An autopsy report with a diagnostic clinical profile on fatal overdose of life-saving iron supplement.

Predictive liver lipid biomarker signature of Acetyl-coenzyme A carboxylase inhibitor related developmental toxicity in non-pregnant female Han Wistar rats - Lipidomics biomarker discovery and validation.

Metabolomics Differences of the Donor Livers Between In Situ and Ex Situ Conditions During Ischemia-free Liver Transplantation.

Exposure to oxyfluorfen-induced hematobiochemical alterations, oxidative stress, genotoxicity, and disruption of sex hormones in male African catfish and the potential to confront by *Chlorella vulgaris*.

4-Chloro-2-Methyl-Phenoxy Acetic Acid-Induced Liver Injury: A Case Report.

The Effects of Sodium Tetraborate against Lead Toxicity in Rats: The Behavior of Some Metabolic Enzymes.

Novel approach for verification of a human PBPK modeling strategy using chimeric mice in the health risk assessment of epyrifenacil.

Investigating the bioaccumulation potential of anionic organic compounds using a permanent rainbow trout liver cell line.

Associations between residential volatile organic compound exposures and liver injury markers: The role of biological sex and race.

Combined effects of high temperature and pesticide mixture exposure on free-swimming behaviors and hepatic cytochrome P450 1A expression in goldfish, *Carassius auratus*.

Effects of p-cresol, a uremic toxin, on cancer cells.

The quest for metabolic biomarkers of agrochemicals exposure via in vitro studies and suspect screening.

Effects of the Vitamin D3 on Alleviating the Oxidative Stress Induced by Diquat in Wenchang Chickens.

Assessment of the inhibition risk of chlorophenol substances on cytochrome P450 via cocktail inhibition assays.

Azole pesticide products and their hepatic metabolites cause endocrine disrupting potential by suppressing the homo-dimerization of human estrogen receptor alpha.

Mercury and methylmercury differentially modulate hepatic cytochrome P450 1A1 and 1A2 in vivo and in vitro.

Transcriptomics provides insights into toxicological effects and molecular mechanisms associated with the exposure of Chinese mitten crab, *Eriocheir sinensis*, to dioxin.

A Comparative Study on the Effects of the Lysine Reagent Pyridoxal 5-Phosphate and Some Thiol Reagents in Opening the TI(+)-Induced Mitochondrial Permeability Transition Pore.

The kidney drug transporter OAT1 regulates gut microbiome-dependent host metabolism.

Metamifop as an estrogen-like chemical affects the pituitary-hypothalamic-gonadal (HPG) axis of female rice field eels (*Monopterus albus*).

Negligible Toxicokinetic Differences of Glyphosate by Different Vehicles in Rats.

The Effect of Sub-chronic Linuron Exposure on Thyroid, Liver, and Kidney Function in Male Wistar Rats.

Ameliorating effect of *Mucuna pruriens* seed extract on sodium arsenite-induced testicular toxicity and hepato-renal histopathology in rats.

Impact of Glyphosate on the Development of Insulin Resistance in Experimental Diabetic Rats: Role of NF- κ B Signalling Pathways.

Tannic acid antagonizes atrazine exposure-induced autophagy and DNA damage crosstalk in grass carp hepatocytes via NO/iNOS/NF- κ B signaling pathway to maintain stable immune function.

Tannic acid through ROS/TNF- α /TNFR 1 antagonizes atrazine induced apoptosis, programmed necrosis and immune dysfunction of grass carp hepatocytes.

Protective effects of summer savory (*Satureja hortensis*) oil on growth, biochemical, and immune system performance of common carp exposed to pretilachlor herbicide.

Heavy Metals, Halogenated Hydrocarbons, Phthalates, Glyphosate, Cordycepin, Alcohol, Drugs, and Herbs, Assessed for Liver Injury and Mechanistic Steps.

Pre-Conceptional Exposure to Glyphosate Affects the Maternal Hepatic and Ovarian Proteome.

Investigation of the toxicity of a glyphosate-based herbicide in a human liver cell line: Assessing the involvement of Nrf2 pathway and protective effects of vitamin E and α -lipoic acid.

Transcriptome analysis reveals hepatotoxicity in zebrafish induced by cyhalofop-butyl.

Perinatal exposure to a glyphosate pesticide formulation induces offspring liver damage.

Histopathological, immunohistochemical, and molecular investigation of atrazine toxic effect on some organs of adult male albino rats with a screening of *Acacia nilotica* as a protective trial.

The surfactant co-formulant POEA in the glyphosate-based herbicide RangerPro but not glyphosate alone causes necrosis in Caco-2 and HepG2 human cell lines and ER stress in the ToxTracker assay.

Toxicity of pesticides widely applied on soybean cultivation: Synergistic effects of fipronil, glyphosate and imidacloprid in HepG2 cells.

Whey protein protects liver mitochondrial function against oxidative stress in rats exposed to acrolein.

Chronic dietary exposure to a glyphosate-based herbicide results in total or partial reversibility of plasma oxidative stress, cecal microbiota abundance and short-chain fatty acid composition in broiler hens.

Co-exposure of iron oxide nanoparticles and glyphosate-based herbicide promote liver toxicity in guppy (*Poecilia reticulata*): A histochemical and ultrastructural approach.

Pentachlorophenol mediated regulation of DAMPs and inflammation: In vitro study.

Metabolomics analysis of the potential toxicological mechanisms of diquat dibromide herbicide in adult zebrafish (*Danio rerio*) liver.

Neuro-hepatopathological changes in juvenile *Oreochromis niloticus* exposed to sublethal concentrations of commercial herbicides.

The study of human serum metabolome on the health effects of glyphosate and early warning of potential damage.

Pterocarpus mildbraedii leaf extract ebbs propanil-induced oxidative and apoptotic damage in the liver of rats.

Pesticides Inhibit Retinoic Acid Catabolism in PLHC-1 and ZFL Fish Hepatic Cell Lines.

Exposure to glyphosate-based herbicide during early stages of development increases insulin sensitivity and causes liver inflammation in adult mice offspring.

An in vitro strategy using multiple human induced pluripotent stem cell-derived models to assess the toxicity of chemicals: A case study on paraquat.

Ameliorative effect of selenium yeast[®] supplementation on the physio-pathological impacts of chronic exposure to glyphosate and or malathion in *Oreochromis niloticus*.

Can Vitamin C Supplementation Improve the Antioxidant Capacity of *Rhamdia quelen* Fish Exposed to Atrazine?

Endocrine, immune and renal toxicity in male largemouth bass after chronic exposure to glyphosate and Rodeo[®].

Clinicohematological, Mutagenic, and Oxidative Stress Induced by Pendimethalin in Freshwater Fish Bighead Carp (*Hypophthalmichthys nobilis*).

Paraquat toxicity in different cell types of Swiss albino mice.

Toxicity of commercial atrazine in *Rattus norvegicus* organs as a function of concentration: histopathological, ultrastructural and hematological evaluation.

Prediction of the human pharmacokinetics of epyrifenacil and its major metabolite, S-3100-CA, by a physiologically based pharmacokinetic modeling using chimeric mice with humanized liver.

Metabolomic and Transcript Analysis Revealed a Sex-Specific Effect of Glyphosate in Zebrafish Liver.

Effects of subchronic exposure to environmentally relevant concentrations of a commercial fluridone formulation on fathead minnows (*Pimephales promelas*).

Apiaceous vegetables protect against acrolein-induced pulmonary injuries through modulating hepatic detoxification and inflammation in C57BL/6 male mice.

Propolis nanoparticles relieved the impacts of glyphosate-induced oxidative stress and immunosuppression in Nile tilapia.

The Effects of Benoxacor on the Liver and Gut Microbiome of C57BL/6 Mice.

Comparative Toxicogenomics of Glyphosate and Roundup Herbicides by Mammalian Stem Cell-Based Genotoxicity Assays and Molecular Profiling in Sprague-Dawley Rats.

Benchmark dose and the adverse effects of exposure to pendimethalin at low dose in female rats.

Attenuating effect of *Prosopis cineraria* against paraquat-induced toxicity in prepubertal mice, *Mus musculus*.

Ellagic acid ameliorates paraquat-induced liver injury associated with improved gut microbial profile.

Induced Hepatic Glutathione and Metabolomic Alterations Following Mixed Pesticide and Fertilizer Exposures in Juvenile Leopard Frogs (*Lithobates sphenoccephala*).

In vitro cytotoxicity and genotoxicity of single and combined pesticides used by Bolivian farmers.

Disruption of developmental programming with long-term consequences after exposure to a glyphosate-based herbicide in a rat model.

Microcystin-LR in Primary Liver Cancers: An Overview.

Acute diquat poisoning causes rhabdomyolysis.

A Composition of Phytonutrients for Glycemic and Weight Management.

Prediction of mortality and morbidity following paraquat poisoning based on trend of liver and kidney injury.

Effects of replacing fish meal with cottonseed protein concentrate on the growth, immune responses, digestive ability and intestinal microbial flora in *Litopenaeus vannamei*.

Antagonism of Cyanamide-3-O-glucoside and protocatechuic acid on Aflatoxin B(1)-induced toxicity in zebrafish larva (*Danio rerio*).

The methyltransferase METTL3-mediated fatty acid metabolism revealed the mechanism of cinnamaldehyde on alleviating steatosis.

Toxic effects of glyphosate on the intestine, liver, brain of carp and on epithelioma papulosum cyprinid cells: Evidence from in vivo and in vitro research.

Protective Effects of Cinnamaldehyde on the Oxidative Stress, Inflammatory Response, and Apoptosis in the Hepatocytes of *Salmonella Gallinarum*-Challenged Young Chicks.

The Antitumor Effect of Cinnamaldehyde Derivative CB-PIC in Hepatocellular Carcinoma Cells via Inhibition of Pyruvate and STAT3 Signaling.

Effects of cinnamaldehyde on glucose-6-phosphate dehydrogenase activity, some biochemical and hematological parameters in diabetic rats.

Homicidal paraquat poisoning: Poisoned while drinking.

Successful Treatment of Severe Toxic Hepatitis and Encephalopathy Without Respiratory Failure Caused by Paraquat Intoxication.

Histopathological Findings in a Fatal Case of Paraquat Poisoning.

Comparison of Biochemical Parameters between Mouse Model and Human after Paraquat Poisoning.

Combination of TRP channel dietary agonists induces energy expending and glucose utilizing phenotype in HFD-fed mice.

Peripheral tissular analysis of rapamycin's effect as a neuroprotective agent in vivo.

Stimulation of de novo glutathione synthesis by nitrofurantoin for enhanced resilience of hepatocytes.

ROS-mediated PPAR/RXR inhibition contributes to acetochlor-induced apoptosis and autophagy in *Ctenopharyngodon idella* hepatic cells.

A clinico-epidemiological Study of acute Self-poisoning by different Types of herbicidal Substances used in agricultural Fields: A Study from Patients admitted in a Tertiary Care Hospital in West Bengal.

Acute toxicity, bioaccumulation and elimination of prometryn in tilapia (*Oreochromis niloticus*).

A Deadly Herbicide 'Paraquat Poisoning' and Miserable Death of a 19 Years Boy.

In vitro toxicity of glyphosate in Atlantic salmon evaluated with a 3D hepatocyte-kidney co-culture model.

Dynamic changes of serum cytokines in acute paraquat poisoning and changes in patients' immune function.

Alterations at biochemical, proteomic and transcriptomic levels in liver of tilapia (*Oreochromis niloticus*) under chronic exposure to environmentally relevant level of glyphosate.

Herbicidal activity and differential metabolism of lactofen in rat and loach on an enantiomeric level.

Parental diuron exposure causes lower hatchability and abnormal ovarian development in offspring of medaka (*Oryzias melastigma*).

Engineered resistance and risk assessment associated with insecticidal and weeds resistant transgenic cotton using wister rat model.

The significance of thymoquinone administration on liver toxicity of diazinon and cholinesterase activity; a recommendation for prophylaxis among individuals at risk.

Promising hepatoprotective effects of lycopene in different liver diseases.

Hibiscus sabdariffa L. polyphenolic-rich extract promotes muscle glucose uptake and inhibits intestinal glucose absorption with concomitant amelioration of Fe(2+) -induced hepatic oxidative injury.

Evaluation of the mode of action and human relevance of liver tumors in male mice treated with epyrifenacil.

Boron attenuated diethylnitrosamine induced hepatocellular carcinoma in C3H/HeN mice via alteration of oxidative stress and apoptotic pathway.

Efficacy and Mechanism of Buxue Yimu Pills on Gynecological Anemia: A Combination of Clinical and Network Pharmacology Study.

The Clostridium Metabolite P-Cresol Sulfate Relieves Inflammation of Primary Biliary Cholangitis by Regulating Kupffer Cells.

[Protective effect of active vitamin D on liver fibrosis induced by sodium arsenite in SD rats].

Inorganic arsenic exposure-induced premature senescence and senescence-associated secretory phenotype (SASP) in human hepatic stellate cells.

Pharmacological testing of therapeutics using normothermic machine perfusion: A pilot study of 2,4-dinitrophenol delivery to steatotic human livers.

Analysis of environmental chemical mixtures and nonalcoholic fatty liver disease: NHANES 1999-2014.

Trace Element Interactions, Inflammatory Signaling, and Male Sex Implicated in Reduced Growth Following Excess Oral Iron Supplementation in Pre-Weanling Rats.

Synbiotics, prebiotics and probiotics for solid organ transplant recipients.

Mechanism underlying the targeted regulation of the SOD1 3'UTR by the AUF1/Dicer1/miR-155/SOD1 pathway in sodium arsenite-induced liver injury.

Dioxin-elicited decrease in cobalamin redirects propionyl-CoA metabolism to the $\hat{\Gamma}^2$ -oxidation-like pathway resulting in acrylyl-CoA conjugate buildup.

Sub-lethal concentration of metamifop exposure impair gut health of zebrafish (*Danio rerio*).

Ameliorative role of inducible nitric oxide synthase inhibitors against sodium arsenite-induced renal and hepatic dysfunction in rats.

Recombinant FGF21 Attenuates Polychlorinated Biphenyl-Induced NAFLD/NASH by Modulating Hepatic Lipocalin-2 Expression.

Ginsenoside Rg1 protects mice against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced liver injury by inhibiting CYP1A1 through the aryl hydrocarbon receptor.

Multiomics analysis of the impact of polychlorinated biphenyls on environmental liver disease in a mouse model.

Suppressed farnesoid X receptor by iron overload in mice and humans potentiates iron-induced hepatotoxicity.

Flurochloridone induces responses of free radical reactions and energy metabolism disorders to BRL-3A cell.

Radiosynthesis and characterization of a carbon-11 PET tracer for receptor-interacting protein kinase 1.

AhR Activation Leads to Attenuation of Murine Autoimmune Hepatitis: Single-Cell RNA-Seq Analysis Reveals Unique Immune Cell Phenotypes and Gene Expression Changes in the Liver.

Physiologically-based pharmacokinetic model for 2,4-dinitrophenol.

[Effect of panlong needling at Jiaji (EX-B 2) on motor dysfunction in patients with Parkinson's disease of liver and kidney deficiency: a randomized controlled trial].

[Mechanism and material basis of Sparganii Rhizoma and vinegar-processed Sparganii Rhizoma in treatment of hyperlipidemia based on network pharmacology].

Application of FeOOH Nano-Ellipsoids as a Novel Nano-Based Iron Supplement: an In Vivo Study.

Flumioxazin, a PPO inhibitor: A weight-of-evidence consideration of its mode of action as a developmental toxicant in the rat and its relevance to humans.

Lentinan alleviates arsenic-induced hepatotoxicity in mice via downregulation of OX40/IL-17A and activation of Nrf2 signaling.

A Novel Ferritin-Core Analog Is a Safe and Effective Alternative to Oral Ferrous Iron for Treating Iron Deficiency during Pregnancy in Mice.

Phage therapy for refractory periapical periodontitis caused by *Enterococcus faecalis* in vitro and in vivo.

Emissions of dioxins and dioxin-like compounds and incidence of hepatocellular carcinoma in the United States.

Ubiquitinated gasdermin D mediates arsenic-induced pyroptosis and hepatic insulin resistance in rat liver.

PCB126 induced toxic actions on liver energy metabolism is mediated by AhR in rats.

Rare fatal poisoning through dermal exposure to paraquat.

Quercetin Zinc and Iron Metal Complexes Protect against Sodium Arsenite Intoxication in the Hepato-Renal System of Wistar Rats via the Oxidative Stress Pathway.

Environmentally relevant atrazine exposure leads to increases in DNA damage and changes in morphology in the hepatopancreas of crayfish (*Faxonius virilis*).

Can probiotic, prebiotic, and synbiotic supplementation modulate the gut-liver axis in type 2 diabetes? A narrative and systematic review of clinical trials.

A pilot study of oral iron therapy in erythropoietic protoporphyria and X-linked protoporphyria.

Availability and effects of n-TiO₂ and PCB77 in fish in vitro models of the intestinal barrier and liver under single- and/or co-exposure scenarios.

Effect of syringic acid on steroid and gonadotropic hormones, hematological indices, sperm characteristics and morphologies, and markers of tissue damage in methyl cellosolve-administered rats.

Synthesis, characterization, antioxidant potential, and cytotoxicity screening of new Cu(II) complexes with 4-(arylchalcogenyl)-1H-pyrazoles ligands.

Levels of non-dioxin-like PCBs (NDL-PCBs) in liver of loggerhead turtles (*Caretta caretta*) from the Tyrrhenian Sea (Southern Italy).

Cytotoxicity Mechanisms of Eight Major Herbicide Active Ingredients in Comparison to Their Commercial Formulations.

The dichloroacetamide safener benoxacor is enantioselectively metabolized by monkey liver microsomes and cytosol.

The desmoplastic growth pattern is associated with second-stage completion and longer survival in 2-stage hepatectomy for colorectal cancer liver metastases.

Integrated biomarker approach strongly explaining in vivo sub-lethal acute toxicity of butachlor on *Labeo rohita*.

Chemical Composition and Cytotoxic Activity of Extracts from *Carpesium divaricatum*: In Vitro- versus Field-Grown Plants.

Protective efficacy of *Coriandrum sativum* seeds against arsenic induced toxicity in Swiss albino mice.

Facile preparation of PVA hydrogels with adhesive, self-healing, antimicrobial, and on-demand removable capabilities for rapid hemostasis.

Differential Effects of Arsenic in Drinking Water on Mouse Hepatic and Intestinal Heme Oxygenase-1 Expression.

Occurrence and distribution of persistent organic pollutants in the liver and muscle of Atlantic blue sharks: Relevance and health risks.

Periplaneta americana Extract Pretreatment Alleviates Oxidative Stress and Inflammation and Increases the Abundance of Gut Akkermansia muciniphila in Diquat-Induced Mice.

Food-derived bioactive oligopeptide iron complexes ameliorate iron deficiency anemia and offspring development in pregnant rats.

Evaluation of the toxicological effects of atrazine-metolachlor in male rats: in vivo and in silico studies.

Down-regulation of hepatic cytochromes P450 1A1 and 1A2 by arsenic trioxide (ATO) in vivo and in vitro: A role of heme oxygenase 1.

Borax relieved the acrylamide-induced hematotoxic, hepatotoxic, immunotoxic and genotoxic damages in rainbow trout by regulating apoptosis and Nrf2 signaling pathway.

The toxicological profile of polychlorinated naphthalenes (PCNs).

Automating Predictive Toxicology Using ComptoxAI.

The Joint Influence of TI(+) and Thiol-Modifying Agents on Rat Liver Mitochondrial Parameters In Vitro.

Effects of three surfactants on the degradation and environmental risk of metolachlor in aquatic environment.

Beta-glucan effects on 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity in liver and brain.

Atrazine Exposure Induces Hepatic Metabolism Disorder in Male Adult Zebrafish.

Environmentally relevant arsenic exposure affects morphological and molecular endpoints associated with reproduction in the Western mosquitofish, *Gambusia affinis*.

AQP9 (Aquaporin 9) Determines Arsenic Uptake and Tolerance in Human Hepatocellular Carcinoma Cells In Vitro.

Research on the Relationship between Exposure to Dioxins and Cancer Incidence in Vietnam.

Paraquat induced oxidative stress, DNA damage, and cytotoxicity in lymphocytes.

Improving knowledge on genotoxicity dynamics in somatic and germ cells of crayfish (*Procambarus clarkii*).

[Rat serum containing oxymatrine inhibits the proliferation of LX2 human hepatic stellate cells induced by sodium arsenite via blocking PI3K/AKT pathway].

Hepatic Burdens of PCB and PCDD/F Congeners in Federally Endangered Shortnose Sturgeon and Atlantic Sturgeon from the Hudson River, New York, USA: Burden Patterns and Potential Consequences in Offspring.

Optimisation of an automated high-throughput micronucleus (HiTMiN) assay to measure genotoxicity of environmental contaminants.

Evaluation of dioxin induced transcriptomic responses in a 3D human liver microtissue model.

In vivo toxicity evaluations of halophenolic disinfection byproducts in drinking water: A multi-omics analysis of toxic mechanisms.

Effects of Vine Tea Extract on Meat Quality, Gut Microbiota and Metabolome of Wenchang Broiler.

Histopathological Alterations in the Livers of Chronic Hepatitis Patients Exposed to Agent Orange/Dioxin in Vietnam.

Genotoxic, biochemical and histological biomarkers of subacute concentrations of paraquat and glyphosate in Nile Tilapia.

Mitochondrial uncouplers induce proton leak by activating AAC and UCP1.

Effects of 1,3,7-tribromodibenzo-p-dioxin, a natural dioxin on chicken embryos: Comparison with effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

A glyphosate-based herbicide disrupted hematopoiesis and induced organ toxicities, ameliorated by vitamin B(12) in a mouse model.

The toxicity of perfluorodecanoic acid is mainly manifested as a deflected immune function.

Use of in vitro metabolism and biokinetics assays to refine predicted in vivo and in vitro internal exposure to the cosmetic ingredient, phenoxyethanol, for use in risk assessment.

Glycine alleviated diquat-induced hepatic injury via inhibiting ferroptosis in weaned piglets.

Comparative study of free respiration in liver mitochondria during oxidation of various electron donors and under conditions of shutdown of complex III of the respiratory chain.

Network-Pharmacology-Based Study on Active Phytochemicals and Molecular Mechanism of *Cnidium monnieri* in Treating Hepatocellular Carcinoma.

Pedunculagin isolated from *Plinia cauliflora* seeds exhibits genotoxic, antigenotoxic and cytotoxic effects in bacteria and human lymphocytes.

Dioxin-like polychlorinated biphenyl 126 (PCB126) disrupts gut microbiota-host metabolic dysfunction in mice via aryl hydrocarbon receptor activation.

Evaluation of the Acute Effects of Arsenic on Adults of the Neotropical Native Fish *Cnesterodon decemmaculatus* Using a Set of Biomarkers.

The Potential Role of Mitochondrial Acetaldehyde Dehydrogenase 2 in Urological Cancers From the Perspective of Ferroptosis and Cellular Senescence.

A Mixture of Endocrine Disruptors and the Pesticide Roundup(®) Induce Oxidative Stress in Rabbit Liver When Administered under the Long-Term Low-Dose Regimen: Reinforcing the Notion of Real-Life Risk Simulation.

Insights into the toxicokinetic, tissue distribution and maternal transfer of polychlorinated dibenzo-p-dioxins/dibenzofurans in laying hens fed with dioxin-associated dietary.

A Negative Feedback Loop and Transcription Factor Cooperation Regulate Zonal Gene Induction by 2, 3, 7, 8-Tetrachlorodibenzo-p-Dioxin in the Mouse Liver.

Effects of sequential blood purification on the organ function and lethality in patients with paraquat-induced multiple organ dysfunction syndrome.

Gut microbial metabolite p-cresol alters biotransformation of bisphenol A: Enzyme competition or gene induction?

Novel Coconut Vinegar Attenuates Hepatic and Vascular Oxidative Stress in Rats Fed a High-Cholesterol Diet.

Significant Correlations between p-Cresol Sulfate and Mycophenolic Acid Plasma Concentrations in Adult Kidney Transplant Recipients.

Concentrations and Toxic Implications of Dioxin-Like Polychlorinated Biphenyls in Soil Samples from Electrical Power Stations in Lagos, Nigeria.

Concentration of current-use pesticides in frogs from the Pampa region and correlation of a mixture toxicity index with biological effects.

Effects of the L-tyrosine-derived bacterial metabolite p-cresol on colonic and peripheral cells.

Extranodal Diffuse Large B-Cell Lymphoma of Bone and Soft Tissue Presenting With Marked Lymphedema and Hypercalcemia.

Effect of PINK1 and Parkin gene silencing on sodium arsenite-induced mitophagy in normal rat liver cells (BRL-3A).

A Novel Imidazolinone Derivative with 5-Arylidene and 2-Substituted Mercapto Group as Potent Anti-Hepatitis C Virus Compound.

The fate of sodium chlorite in simulated gastric and intestinal fluids and residues of chlorate in broiler chickens after oral administration of sodium chlorite.

Geographical distribution of dioxins, cadmium, and mercury concentrations in reindeer liver, kidneys, and muscle in the Russian Far North.

Liver-specific decrease in Tff3 gene expression in infant mice perinatally exposed to 2,3,7,8-tetrabromodibenzofuran or 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Probiotic Bacillus Alleviates Oxidative Stress-Induced Liver Injury by Modulating Gut-Liver Axis in a Rat Model.

Optical coherence tomography as an alternative tool for evaluating the effects of glyphosate on hybrid catfish (*Clarias gariepinus* × *Clarias macrocephalus*).

Genome-Wide ChIPseq Analysis of AhR, COUP-TF, and HNF4 Enrichment in TCDD-Treated Mouse Liver.

Rare co-inherited alpha-thalassemia minor and beta-thalassemia minor with heterozygous H63D mutation mistaken as iron deficiency anemia: a case report.

Oxyfluorfen induces hepatotoxicity through lipo-sugar accumulation and inflammation in zebrafish (*Danio rerio*).

Isatis phytoenic relieved atrazine induced growth retardation, hepato-renal dysfunction, and oxidative stress in Nile tilapia.

Bioaccumulation, metabolism and endocrine-reproductive effects of metolachlor and its S-enantiomer in adult zebrafish (*Danio rerio*).

Alterations in small RNA profiles in liver following a subchronic exposure to a low-dose pesticide mixture in Sprague-Dawley rats.

Acute exposition to Roundup Transorb[®] induces systemic oxidative stress and alterations in the expression of newly sequenced genes in silverside fish (*Odontesthes humensis*).

Evaluation of the genotoxic, mutagenic, and histopathological hepatic effects of polyoxyethylene amine (POEA) and glyphosate on *Dendropsophus minutus* tadpoles.

Assessment of transplacental and lactational genotoxicity of tembotrione in Wistar rats at different developmental stages by alkaline comet assay.

Characterization of the ERK1/2 phosphorylation profile in human and fish liver cells upon exposure to chemicals of environmental concern.

Atrazine intoxication in cattle, confirmed by gas chromatography-mass spectrometry.

Alterations in blood parameters, DNA damage, oxidative stress and antioxidant enzymes and immune-related genes expression in Nile tilapia (*Oreochromis niloticus*) exposed to glyphosate-based herbicide.

Herbicide atrazine exposure induce oxidative stress, immune dysfunction and WSSV proliferation in red swamp crayfish *Procambarus clarkii*.

Exposure to the herbicide butachlor activates hepatic stress signals and disturbs lipid metabolism in mice.

Recovery trend to co-exposure of iron oxide nanoparticles (Fe_3O_4) and glyphosate in liver tissue of the fish *Poecilia reticulata*.

Exposure to glyphosate and tetrachlorvinphos induces cytotoxicity and global DNA methylation in human cells.

Multiple Level Effects of Imazethapyr on *Leptodactylus latinasus* (Anura) Adult Frogs.

Exposure to 2,4-D herbicide induces hepatotoxicity in zebrafish larvae.

Improving pollutants environmental risk assessment using a multi model toxicity determination with in vitro, bacterial, animal and plant model systems: The case of the herbicide alachlor.

Glyphosate and Polyoxyethyleneamine Ingestion Leading to Renal, Hepatic, and Pulmonary Failure.

Effects of carboxylated multi-walled carbon nanotubes on bioconcentration of pentachlorophenol and hepatic damages in goldfish.

Ameliorative effect of N-acetylcysteine against glyphosate-induced hepatotoxicity in adult male albino rats: histopathological, biochemical, and molecular studies.

Route of exposure influences pesticide body burden and the hepatic metabolome in post-metamorphic leopard frogs.

N-acetylcysteine is more effective than ellagic acid in preventing acrolein induced dysfunction in mitochondria isolated from rat liver.

Toxic effects of atrazine on immune function in BALB/c mice.

Assessment of oxidative DNA damage, oxidative stress responses and histopathological alterations in gill and liver tissues of *Oncorhynchus mykiss* treated with linuron.

Inflammatory state and autism-like behavioral phenotype of offspring induced by maternal exposure to low-dose chemical mixtures during pregnancy in mice.

Can the exposure system adopted influence the results of the atrazine toxicity in hepatic tissue of fish?

Ground-glass hepatocellular inclusions are associated with polypharmacy.

Effects of the emulsifiable herbicide Dicamba on amphibian tadpoles: an underestimated toxicity risk?

Influence of temperature on biomarker responses and histology of the liver of American bullfrog tadpoles (*Lithobates catesbeianus*, Shaw, 1802) exposed to the herbicide Tebuthiuron.

The hepatotoxicity of atrazine exposure in mice involves the intestinal microbiota.

Prognostic value of liver and kidney function parameters and their correlation with the ratio of urine-to-plasma paraquat in patients with paraquat poisoning.

Growth performance and reproductive function impairment of glyphosate-based herbicide in male guinea pig (*Cavia porcellus*).

Evaluation of the hepatoprotective effects of curcumin and nanocurcumin against paraquat-induced liver injury in rats: Modulation of oxidative stress and Nrf2 pathway.

Physiological and morphoanatomical effects of glyphosate in *Eugenia uniflora*, a Brazilian plant species native to the Atlantic Forest biome.

HFE H63D Limits Nigral Vulnerability to Paraquat in Agricultural Workers.

Multi-omics phenotyping of the gut-liver axis reveals metabolic perturbations from a low-dose pesticide mixture in rats.

Mutagenicity and genotoxicity in juvenile African catfish, *Clarias gariepinus* exposed to formulations of glyphosate and paraquat.

Mitochondrial biochemical and histopathological defects induced by the herbicide pendimethalin in tilapia fish (*Oreochromis niloticus*).

2,4-Dichlorophenoxyacetic acid induced hepatic and renal toxicological perturbations in rat model: Attenuation by selenium supplementation.

Dietary squalene supplementation alleviates diquat-induced oxidative stress and liver damage of broiler chickens.

Investigation of *in vivo* unscheduled DNA synthesis in rabbit corneas following instillation of genotoxic agents.

Differential effects of arsenic species on Nrf2 and Bach1 nuclear localization in cultured hepatocytes.

Effects of glyphosate residues and different concentrate feed proportions in dairy cow rations on hepatic gene expression, liver histology and biochemical blood parameters.

Hepatotoxic Effects of Atrazine on *Clarias gariepinus* (Burchell, 1822): Biochemical and Histopathological Studies.

The use of combined high-fructose diet and glyphosate to model rats type 2 diabetes symptomatology.

The effect of chronic exposure to chloridazon and its degradation product chloridazon-desphenyl on signal crayfish *Pacifastacus leniusculus*.

Effects of subchronic exposure to environmentally relevant concentrations of the herbicide atrazine in the Neotropical fish *Astyanax altiparanae*.

Inflammatory lncRNA AK039862 regulates paraquat-inhibited proliferation and migration of microglial and neuronal cells through the Pafah1b1/Foxa1 pathway in co-culture environments.

Cholemic Nephrosis: An Autopsy Study of a Forgotten Entity.

HSPB5 (β -crystallin) confers protection against paraquat-induced oxidative stress at the organismal level in a tissue-dependent manner.

Effects of chronic glyphosate exposure on antioxidative status, metabolism and immune response in tilapia (GIFT, *Oreochromis niloticus*).

Resveratrol: Isolation, and Its Nanostructured Lipid Carriers, Inhibits Cell Proliferation, Induces Cell Apoptosis in Certain Human Cell Lines Carcinoma and Exerts Protective Effect Against Paraquat-Induced Hepatotoxicity.

Protective effect of genistein pre-treatment on paraquat hepatotoxicity in rats.

Cinnamaldehyde Improves Metabolic Functions in Streptozotocin-Induced Diabetic Mice by Regulating Gut Microbiota.

Protective Effects of Cinnamaldehyde on the Inflammatory Response, Oxidative Stress, and Apoptosis in Liver of *Salmonella typhimurium*-Challenged Mice.

Esophagitis dissecans superficialis associated with acute transoral paraquat poisoning: Clinical study of 15 cases.

Effect and Safety of Cinnamaldehyde on Immunosuppressed Mice with Invasive Pulmonary Candidiasis.

Cinnamaldehyde mitigates placental vascular dysfunction of gestational diabetes and protects from the associated fetal hypoxia by modulating placental angiogenesis, metabolic activity and oxidative stress.

Pediococcus pentosaceus ZJUA4-4 relieves oxidative stress and restores the gut microbiota in diquat-induced intestinal injury.

Glyphosate-induced lipid metabolism disorder contributes to hepatotoxicity in juvenile common carp.

An Unusual Case of Paraquat-Induced Rhabdomyolysis and Hepatic Injury Presenting With Takotsubo Cardiomyopathy.

Absorption, Distribution, Metabolism, and Excretion of a New Herbicide, Epyrifenacil, in Rats.

Primary Human Hepatocyte Spheroids as Tools to Study the Hepatotoxic Potential of Non-Pharmaceutical Chemicals.

Identification of the organic anion transporting polypeptides responsible for the hepatic uptake of the major metabolite of epyrifenacil, S-3100-CA, in mice.

Translation, ribosome biogenesis, and oxidative damage caused by chlorpyrifos exposure to common carp (*Cyprinus carpio* L.) liver: application of combined RNA-seq with sRNA-seq in risk evaluation of environmental toxicant chlorpyrifos.

Synthesis, optical properties, determination and imaging in living cells and bamboo of cinnamaldehyde derivatives.

Metribuzin-induced non-adverse liver changes result in rodent-specific non-adverse thyroid effects via uridine 5'-diphospho-glucuronosyltransferase (UDPGT, UGT) modulation.

Effects of simazine and food deprivation chronic stress on energy allocation among the costly physiological processes of male lizards (*Eremias argus*).

The problem with implementing fish farms in agricultural regions: A trial in a pampean pond highlights potential risks to both human and fish health.

Effects of Different Intensity Exercise on Glucose Metabolism and Hepatic IRS/PI3K/AKT Pathway in SD Rats Exposed with TCDD.

Chemical constituents and medicinal properties of *Allium* species.

Aryl Hydrocarbon Receptor (AhR) Activation by 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) Dose-Dependently Shifts the Gut Microbiome Consistent with the Progression of Non-Alcoholic Fatty Liver Disease.

Aryl hydrocarbon receptor (AHR) functions in infectious and sterile inflammation and NAD(+)-dependent metabolic adaptation.

Potential role of dietary chitosan nanoparticles against immunosuppression, inflammation, oxidative stress, and histopathological alterations induced by pendimethalin toxicity in Nile tilapia.

An Overview: The Toxicity of *Ageratina adenophora* on Animals and Its Possible Interventions.

Inducing, Collecting, and Storing Ascites.

Iron distribution in different tissues of homozygous Mask (msk/msk) mice and the effects of oral iron treatments.

Lipid metabolism disorders associated with dioxin exposure in a cohort of Chinese male workers revealed by a comprehensive lipidomics study.

Transcriptome-based analysis of blood samples reveals elevation of DNA damage response, neutrophil degranulation, cancer and neurodegenerative pathways in *Plasmodium falciparum* patients.

Effect of renal impairment on arsenic accumulation, methylation capacity, and safety in acute promyelocytic leukemia (APL) patients treated with arsenic trioxide.

2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD)-Inducible Poly-ADP-Ribose Polymerase (TIPARP/PARP7) Catalytic Mutant Mice (TiparpH532A) Exhibit Increased Sensitivity to TCDD-Induced Hepatotoxicity and Lethality.

Fenofibrate, a peroxisome proliferator-activated receptor- α agonist, blocks steatosis and alters the inflammatory response in a mouse model of inflammation-dioxin interaction.

Association between occupational exposures and sarcoma incidence and mortality: systematic review and meta-analysis.

8-Formylpiperonylacetone B antagonizes doxorubicin-induced cardiotoxicity by suppressing heme oxygenase-1-dependent myocardial inflammation and fibrosis.

A molecular signature for the metabolic syndrome by urine metabolomics.

Circulating p-Cresyl Sulfate, Non-Hepatic Alkaline Phosphatase and Risk of Bone Fracture Events in Chronic Kidney Disease-Mineral Bone Disease.

Role of inhibiting Chk1-p53 pathway in hepatotoxicity caused by chronic arsenic exposure from coal-burning.

Gallic acid ameliorates sodium arsenite-induced renal and hepatic toxicity in rats.

Unconjugated p-cresol activates macrophage macropinocytosis leading to increased LDL uptake.

[The Comparison of Iron Deficiency Anemia Rat Treated with Hydroxypropyl Chitosan Ferrous Ion Complex and Ferrous Sulfate].

Testing in vitro tools for the prediction of cholestatic liver injury induced by non-pharmaceutical chemicals.

Inulin supplementation ameliorates hyperuricemia and modulates gut microbiota in Uox-knockout mice.

[Risk factors associated with acute kidney injury caused by pesticide poisoning].

Role of Endocrine-Disrupting Chemicals in the Pathogenesis of Non-Alcoholic Fatty Liver Disease: A Comprehensive Review.

Hard as Iron: A Case of Delayed Presentation of Severe Iron Toxicity With Diagnostic and Treatment Dilemmas.

Coenzyme Q(10) protected against arsenite and enhanced the capacity of 2,3-dimercaptosuccinic acid to ameliorate arsenite-induced toxicity in mice.

2,4-Dinitrophenol overdose - Everything old is new again.

Role of aryl hydrocarbon receptor (AHR) in overall retinoid metabolism: Response comparisons to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure between wild-type and AHR knockout mice.

Underlying mechanisms of cytotoxicity in HepG2 hepatocarcinoma cells exposed to arsenic, cadmium and mercury individually and in combination.

Influences of Selenium-Enriched Yeast on Growth Performance, Immune Function, and Antioxidant Capacity in Weaned Pigs Exposure to Oxidative Stress.

Assessment of fibrotic pathways induced by environmental chemicals using 3D-human liver microtissue model.

The antioxidant study proprieties of Thymus munbyanus aqueous extract and its beneficial effect on 2,4-Dichlorophenoxyacetic acid -induced hepatic oxidative stress in albino Wistar rats.

Mechanisms involved in the possible protective effect of chrysin against sodium arsenite-induced liver toxicity in rats.

Potent aneugenicity of 1-methylpyrene in human cells dependent on metabolic activation by endogenous enzymes.

Ameliorative role of bosentan, an endothelin receptor antagonist, against sodium arsenite-induced renal dysfunction in rats.

IRE1 \pm /NOX4 signaling pathway mediates ROS-dependent activation of hepatic stellate cells in NaAsO(2)-induced liver fibrosis.

Adverse effects of iron deficiency anemia on pregnancy outcome and offspring development and intervention of three iron supplements.

An enriched biosignature of gut microbiota-dependent metabolites characterizes maternal plasma in a mouse model of fetal alcohol spectrum disorder.

Elucidation of the species differences of epyrifenacil-induced hepatotoxicity between mice and humans by mass spectrometry imaging analysis in chimeric mice with humanized liver.

Reno-Hepatoprotective and Antidiabetic Properties of Methanol Leaf Extract of *Laportea Aestuans* in Wistar Rats.

Catalase deficiency induces reactive oxygen species mediated pexophagy and cell death in the liver during prolonged fasting.

A rat subchronic study transcriptional point of departure estimates a carcinogenicity study apical point of departure.

Single-Nuclei RNA Sequencing Assessment of the Hepatic Effects of 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Co-exposure to nTiO₂ impairs arsenic metabolism and affects antioxidant capacity in the marine shrimp *Litopenaeus vannamei*.

Associations Between Residential Exposure to Volatile Organic Compounds and Liver Injury Markers.

The Promising Role of Chitosan-Poloxamer 188 Nanocrystals in Improving Diosmin Dissolution and Therapeutic Efficacy against Ferrous Sulfate-Induced Hepatic Injury in Rats.

Proteomics and metabolic phenotyping define principal roles for the aryl hydrocarbon receptor in mouse liver.

The Improvement of the Adaptation Process of Tocopherol and Acetylsalicylic Acid in Offspring of Mothers Exposed to TCDD.

Suppression of apoptotic signaling in rat hepatocytes by non-dioxin-like polychlorinated biphenyls depends on the receptors CAR and PXR.

Co-occurrence of contaminants in marine fish from the North East Atlantic Ocean: Implications for human risk assessment.

Single and binary-combined toxic effects of acetochlor and Cu(2+) on goldfish (*Carassius auratus*) larvae.

Protective Effect of Dictyophora Polysaccharides on Sodium Arsenite-Induced Hepatotoxicity: A Proteomics Study.

Comparative hepatotoxicity of a herbicide, epyrifenacil, in humans and rodents by comparing the dynamics and kinetics of its causal metabolite.

Inhibitory effect of pirfenidone on pulmonary fibrosis in patients with acute paraquat poisoning.

Paraquat-induced acute kidney and liver injury: Case report of a survivor from Bangladesh.

Antioxidant, anti-inflammatory and protective potential of gallic acid against paraquat-induced liver toxicity in male rats.

Correction to: The effect of dietary tryptophan levels on oxidative stress of liver induced by diquat in weaned piglets.

Short-Chain Fatty Acids Alleviate Hepatocyte Apoptosis Induced by Gut-Derived Protein-Bound Uremic Toxins.

Effects of TI(+) on the inner membrane thiol groups, respiration, and swelling in succinate-energized rat liver mitochondria were modified by thiol reagents.

Rapid Glomerulotubular Nephritis as an Initial Presentation of a Lethal Diquat Ingestion.

Clothianidin alters leukocyte profiles and elevates measures of oxidative stress in tadpoles of the amphibian, *Rana pipiens*.

A Common Insecticide Induced-Oxidative Stress in Wistar Rats: Significance for Humans and Implications for Nutritional Modulation of Insecticide Toxicity.

Impact of Estrogen Withdrawal and Replacement in Female Mice along the Intestinal Tract. Comparison of E2 Replacement with the Effect of a Mixture of Low Dose Pollutants.

Characterization of human sulfotransferases catalyzing the formation of p-cresol sulfate and identification of mefenamic acid as a potent metabolism inhibitor and potential therapeutic agent for detoxification.

Effects of Acute Diquat Poisoning on Liver Mitochondrial Apoptosis and Autophagy in Ducks.

Effects of sublethal concentration of metamifop on hepatic lipid metabolism in adult zebrafish (*Danio rerio*).

Thioesterase induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin results in a futile cycle that inhibits hepatic β^2 -oxidation.

Comparison of the *in vitro* assays to investigate the hepatic metabolism of seven pesticides in *Cyprinus carpio* and *Oncorhynchus mykiss*.

Ceramide/protein phosphatase 2A axis is engaged in gap junction impairment elicited by PCB153 in liver stem-like progenitor cells.

Per- and polyfluoroalkyl mixtures toxicity assessment "Proof-of-Concept" illustration for the hazard index approach.

Endocrine, metabolic and apical effects of *in utero* and lactational exposure to non-dioxin-like 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180): A postnatal follow-up study in rats.

Pharmacokinetics of 2-phenoxyethanol and its major metabolite, phenoxyacetic acid, after dermal and inhaled routes of exposure: application to development PBPK model in rats.

Phytotoxic property of metabolites isolated from *Garcinia gardneriana*.

Genetics-Based Approach to Identify Novel Genes Regulated by the Aryl Hydrocarbon Receptor *in vitro* Mouse Liver.

Distribution and toxicity of persistent organic pollutants and methoxylated polybrominated diphenylethers in different tissues of the green turtle *Chelonia mydas*.

The enantioselective study of the toxicity effects of chiral acetochlor in HepG2 cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure disrupts development of the visceral and ocular vasculature.

Effect of exposure to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and polychlorinated biphenyls (PCBs) on mitochondrial DNA (mtDNA) copy number in rats.

Uremic Toxins in Organ Crosstalk.

The effect of *Ulva lactuca* and *Sargassum hemiphyllum* var. *chinense* on arsenic metabolites and enzymes in broilers.

In vivo comet assay in rabbit corneal epithelial cells following ocular instillation with genotoxic compounds.

Ethanol extract of *Vitellaria paradoxa* (Gaertn, F) leaves protects against sodium arsenite - induced toxicity in male wistar rats.

Paraquat poisoning in Andaman and Nicobar Islands - Government must intervene.

Acute liver injury associated with Oxyfluorfen toxicity.

Primary hepatocytes isolated from human and porcine donors display similar patterns of cytochrome p450 expression following exposure to prototypical activators of AhR, CAR and PXR.

HGF-Modified Dental Pulp Stem Cells Mitigate the Inflammatory and Fibrotic Responses in Paraquat-Induced Acute Respiratory Distress Syndrome.

Effect of uncouplers of oxidative phosphorylation on metabolism of propionate in liver explants from dairy cows.

Antioxidant effects of *Emblca officinalis* and *Zingiber officinalis* on arsenic and lead induced toxicity on Albino rats.

Smoke Chemistry, In Vitro Cytotoxicity, and Genotoxicity Demonstrates Enhanced Toxicity of Cigarillos Compared With Cigarettes.

Neuropathy and chloracne induced by 3,5,6-trichloropyridin-2-ol sodium: Report of three cases.

Importance of monitoring arsenic methylation metabolism in acute promyelocytic leukemia patients receiving the treatment of arsenic trioxide.

Lysosomal SLC46A3 modulates hepatic cytosolic copper homeostasis.

Protective effect of melatonin against herbicides-induced hepatotoxicity in rats.

Evaluation of aryl hydrocarbon receptor expression in oral squamous cell carcinoma and normal oral mucosa using western blot.

Bioanalytical screening of low levels of dioxins and dioxin-like PCBs in pig meat (pork) for checking compliance with EU maximum and action levels using highly sensitive "third generation" recombinant H4L7.5c2 rat hepatoma cells.

High levels of dioxins and PCBs in meat, fat and livers of free ranging pigs, goats, sheep and cows from the island of Curaçao.

A toxicity pathway-oriented approach to develop adverse outcome pathway: AHR activation as a case study.

Roundup causes embryonic development failure and alters metabolic pathways and gut microbiota functionality in non-target species.

Integrated ecotoxicological assessment of the complex interactions between chlorpyrifos and glyphosate on a non-target species *Cnesterodon decemmaculatus* (Jenyns, 1842).

Chronic Atrazine Exposure Beginning Prenatally Impacts Liver Function and Sperm Concentration With Multi-Generational Consequences in Mice.

Toxicological impacts of herbicide paraquat dichloride on histological profile (gills, liver, and kidney) of freshwater fish *Channa punctatus* (Bloch).

Toxicities of Neonicotinoid-Containing Pesticide Mixtures on Nontarget Organisms.

Transcriptome analysis of *Penaeus vannamei* hepatopancreas reveals differences in toxicity mechanisms between phoxim and prometryne.

Exposure to glyphosate during pregnancy induces neurobehavioral alterations and downregulation of Wnt5a-CaMKII pathway.

Determination of arsenicals in mouse tissues after simulated exposure to arsenic from rice for sixteen weeks and the effects on histopathological features.

Cross-Taxa Distinctions in Mechanisms of Developmental Effects for Aquatic Species Exposed to Trifluralin.

Orthotopic foetal lung tissue direct injection into lung showed a preventive effect against paraquat-induced acute lung injury in mice.

Systemic Paraquat Intoxication Presenting with Peripheral Ulcerative Keratitis: A Case Report and Literature Review.

Effect of zinc supplementation on chronic hepatorenal toxicity following oral exposure to glyphosate-based herbicide (Bushfire®) in rats.

The Nrf2-mediated defense mechanism associated with HFE genotype limits vulnerability to oxidative stress-induced toxicity.

The enantioselective enrichment, metabolism, and toxicity of fenoxaprop-ethyl and its metabolites in zebrafish.

Effect of glyphosate (Roundup Active®) on liver of tadpoles of the colombian endemic frog *Dendropsophus molitor* (amphibia: Anura).

Pterostilbene as a protective antioxidant attenuates diquat-induced liver injury and oxidative stress in 21-day-old broiler chickens.

Cytogenotoxic effect of propanil using the *Lens culinaris* Med and *Allium cepa* L test.

Sub-acute toxicological and behavioural effects of two candidate therapeutics, cinnamaldehyde and eugenol, for treatment of ESBL producing-quinolone resistant pathogenic Enterobacteriaceae.

Interference of goethite in the effects of glyphosate and Roundup® on ZFL cell line.

[Role of microbial-derived antioxidants on diquat-induced oxidative stress, endoplasmic reticulum stress and function in mice].

Comparison of the effects of resveratrol and its derivative pterostilbene on hepatic oxidative stress and mitochondrial dysfunction in piglets challenged with diquat.

Morphometric and proteomic responses of early-life stage rainbow trout (*Oncorhynchus mykiss*) to the aquatic herbicide diquat dibromide.

Toxicity of glyphosate in feed for weanling piglets and the mechanism of glyphosate detoxification by the liver nuclear receptor CAR/PXR pathway.

Antioxidant and Anti-Inflammatory Effects of Different Zinc Sources on Diquat-Induced Oxidant Stress in a Piglet Model.

Roundup-induced biochemical and histopathological changes in the liver and kidney of rats: the ameliorative effects of *Linum usitatissimum* oil.

Dimethylarsinic acid (DMA) enhanced lung carcinogenesis via histone H3K9 modification in a transplacental mouse model.

Modulation of antioxidant gene expressions by Roundup® exposure in the decapod *Macrobrachium potiana*.

Toxicity assessment of the herbicide acetochlor in the human liver carcinoma (HepG2) cell line.

Potential Role of Selenium Against Hepatotoxicity Induced by 2,4-Dichlorophenoxyacetic Acid in Albino Wistar Rats.

A comprehensive analysis of the animal carcinogenicity data for glyphosate from chronic exposure rodent carcinogenicity studies.

Effects of acrolein in comparison to its prodrug cyclophosphamide on human primary endothelial cells in vitro.

Hydrogen Sulfide Protects against Paraquat-Induced Acute Liver Injury in Rats by Regulating Oxidative Stress, Mitochondrial Function, and Inflammation.

Effects of metazachlor and its major metabolite metazachlor OA on early life stages of marbled crayfish.

MiR-130a-5p/Foxa2 axis modulates fetal lung development in congenital diaphragmatic hernia by activating the Shh/Gli1 signaling pathway.

Immunosuppressive drugs to reduce the mortality rate in patients with moderate to severe paraquat poisoning: A Meta-analysis.

Oxidative stress, histopathological alterations and anti-oxidant capacity in different tissues of largemouth bass (*Micropterus salmoides*) exposed to a newly developed sodium carbonate peroxyhydrate granular algacide formulated with hydrogen peroxide.

Assessment of the effects of atrazine, dichlorodiphenyltrichloroethane, and dimethoate on freshwater fish (*Oreochromis mossambicus*): a case study of the A2 farmlands in Chiredzi, in the southeastern part of Zimbabwe.

DNA damage in kidney and parenchymal and non-parenchymal liver cells of adult Wistar rats after subchronic oral treatment with tembotrione.

Magnesium supplementation ameliorates toxic effects of 2,4-dichlorophenoxyacetic acid in rat model.

Protective Effects of Cinnamaldehyde against Mesenteric Ischemia-Reperfusion-Induced Lung and Liver Injuries in Rats.

Coniferaldehyde ameliorates the lipid and glucose metabolism in palmitic acid-induced HepG2 cells via the LKB1/AMPK signaling pathway.

Dicamba use and cancer incidence in the agricultural health study: an updated analysis.

Hypoxia modifies the response to flutamide and linuron in male three-spined stickleback (*Gasterosteus aculeatus*).

Protective effects of Alda-1, an ALDH2 activator, on alcohol-derived DNA damage in the esophagus of human ALDH2*2 (Glu504Lys) knock-in mice.

Treatment with cinnamaldehyde reduces the visceral adiposity and regulates lipid metabolism, autophagy and endoplasmic reticulum stress in the liver of a rat model of early obesity.

Glyphosate Excretion is Associated With Steatohepatitis and Advanced Liver Fibrosis in Patients With Fatty Liver Disease.

Ingestion of organic acids and cinnamaldehyde improves tissue homeostasis of piglets exposed to enterotoxigenic *Escherichia coli* (ETEC).

Glyphosate exposures and kidney injury biomarkers in infants and young children.

Pterocarpus mildbraedii (Harms) extract resolves propanil-induced hepatic injury via repression of inflammatory stress responses in Wistar rats.

Dicamba elevates concentrations of S-adenosyl methionine but does not induce oxidative stress or alter DNA methylation in rainbow trout (*Oncorhynchus mykiss*) hepatocytes.

Glyphosate-based herbicides influence antioxidants, reproductive hormones and gut microbiome but not reproduction: A long-term experiment in an avian model.

Benoxacor is enantioselectively metabolized by rat liver subcellular fractions.

Cinnamaldehyde changes the dynamic balance of glucose metabolism by targeting ENO1.

Ozone Degradation of Prometryn in *Ruditapes philippinarum*: Response Surface Methodology Optimization and Toxicity Assessment.

Enantioselective in vitro metabolism and in vitro-in vivo correlation of the herbicide ethofumesate in a human model.

Meta-analysis of the efficacy of Xuebijing combined with hemoperfusion in treating paraquat poisoning.

Blood biomarkers of herbicide, insecticide, and fungicide toxicity to fish-a review.

Disruption of cytochrome P450 enzymes in the liver and small intestine in chicken embryos in ovo exposed to glyphosate.

Do trifluralin and tebuthiuron impair isolated rat liver mitochondria?

Hepatoprotective role of berberine against paraquat-induced liver toxicity in rat.

The Aryl Hydrocarbon Receptor in Energy Balance: The Road from Dioxin-Induced Wasting Syndrome to Combating Obesity with Ahr Ligands.

Gestational arsenic exposure and paternal intergenerational epigenetic inheritance.

Aryl hydrocarbon receptor (AHR)-mediated inflammation and resolution: Non-genomic and genomic signaling.

Epigenetic effects of low-level sodium arsenite exposure on human liver HepaRG cells.

Histone demethylase JHDM2A regulates H3K9 dimethylation in response to arsenic-induced DNA damage and repair in normal human liver cells.

Selenoprotein V protects against endoplasmic reticulum stress and oxidative injury induced by pro-oxidants.

Integrative transcriptomics and metabolomics explore the mechanism of kaempferol on improving nonalcoholic steatohepatitis.

Randomized, Placebo-Controlled Trial of Rifaximin Therapy for Lowering Gut-Derived Cardiovascular Toxins and Inflammation in CKD.

Weight of Evidence and Human Relevance Evaluation of the Benfluralin Mode of Action in Rats (Part II): Thyroid carcinogenesis.

Weight of evidence and human relevance evaluation of the benfluralin mode of action in rodents (Part I): Liver carcinogenesis.

Inflammation response after the cessation of chronic arsenic exposure and post-treatment of natural astaxanthin in liver: potential role of cytokine-mediated cell-cell interactions.

Glufosinate constrains synchronous and metachronous metastasis by promoting anti-tumor macrophages.

Nanosized drug-eluting bead for transcatheter arterial chemoembolization (ND-TACE).

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) dysregulates hepatic one carbon metabolism during the progression of steatosis to steatohepatitis with fibrosis in mice.

Rosa persica hydroalcoholic extract improves cadmium-hepatotoxicity by modulating oxidative damage and tumor necrosis factor- α status.

Evaluation of the Aryl Hydrocarbon Receptor Response in LMH 3D Spheroids.

Influence of Resveratrol on the Cardiovascular Health Effects of Chronic Kidney Disease.

Effects of 2,3,7,8-Tetrachlorodibenzo-p-dioxin on T Cell Differentiation in Primary Biliary Cholangitis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and Polychlorinated Biphenyl Coexposure Alters the Expression Profile of MicroRNAs in the Liver Associated with Atherosclerosis.

TCDD promotes liver fibrosis through disordering systemic and hepatic iron homeostasis.

Aryl hydrocarbon receptor (AHR) functions: Balancing opposing processes including inflammatory reactions.

Pdgfr β -Cre mediated knockout of the aryl hydrocarbon receptor protects mice from high-fat diet induced obesity and hepatic steatosis.

Capsaicinoid nonivamide improves nonalcoholic fatty liver disease in rats fed a high-fat diet.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) alters hepatic polyunsaturated fatty acid metabolism and eicosanoid biosynthesis in female Sprague-Dawley rats.

Marrubium vulgare L.: A Phytochemical and Pharmacological Overview.

Prebiotic inulin consumption reduces dioxin-like PCB 126-mediated hepatotoxicity and gut dysbiosis in hyperlipidemic Ldlr deficient mice.

Human CYP2E1-activated mutagenicity of dioxin-like PCBs 105 and 118-Experimental data consistent with molecular docking results.

Aryl Hydrocarbon Receptor-Dependent inductions of omega-3 and omega-6 polyunsaturated fatty acid metabolism act inversely on tumor progression.

The role of PSMB5 in sodium arsenite-induced oxidative stress in L-02 cells.

Transgenerational epigenetic and transcriptomic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in rat.

Arsenic Exposure Decreases Adiposity During High-Fat Feeding.

Aryl hydrocarbon receptor nuclear translocators (ARNT1, ARNT2, and ARNT3) of white sturgeon (*Acipenser transmontanus*): Sequences, tissue-specific expressions, and response to β -naphthoflavone.

Low concentrations of sodium arsenite induce hepatotoxicity in prepubertal male rats.

Iron absorption from supplements is greater with alternate day than with consecutive day dosing in iron-deficient anemic women.

Transplacental arsenic exposure produced 5-methylcytosine methylation changes and aberrant microRNA expressions in livers of male fetal mice.

A combination of monosodium glutamate and high-fat and high-fructose diets increases the risk of kidney injury, gut dysbiosis and host-microbial co-metabolism.

Research Note: Evaluation of dietary administration of sodium chlorate and sodium nitrate for *Histomonas meleagridis* prophylaxis in turkeys.

Combined toxicity of imidacloprid, acetochlor, and tebuconazole to zebrafish (*Danio rerio*): acute toxicity and hepatotoxicity assessment.

Undernutrition combined with dietary mineral oil hastens depuration of stored dioxin and polychlorinated biphenyls in ewes. 2. Tissue distribution, mass balance and body burden.

A Case of a 15-Month-Old With Periorbital Edema and Severe Anemia.

Temporal and tissue-specific activation of aryl hydrocarbon receptor in discrete mouse models of kidney disease.

The impaired redox balance in peroxisomes of catalase knockout mice accelerates nonalcoholic fatty liver disease through endoplasmic reticulum stress.

The Natural Metabolite 4-Cresol Improves Glucose Homeostasis and Enhances β^2 -Cell Function.

CharXgen-Activated Bamboo Charcoal Encapsulated in Sodium Alginate Microsphere as the Absorbent of Uremic Toxins to Retard Kidney Function Deterioration.

Simple and visible detection of duck hepatitis B virus in ducks and geese using loop-mediated isothermal amplification.

Chlorogenic acid prevents hepatotoxicity in arsenic-treated mice: role of oxidative stress and apoptosis.

Human CYP1B1-dependent genotoxicity of dioxin-like polychlorinated biphenyls in mammalian cells.

In vivo acute toxicity and anti-gastric evaluation of a novel dichloro Schiff base: Bax and HSP70 alteration.

Porphobilinogen synthase: An equilibrium of different assemblies in human health.

Physiologically based toxicokinetic models and in silico predicted partition coefficients to estimate tetrachlorodibenzo-p-dioxin transfer from feed into growing pigs.

Validity of using a relative potency factor approach for the risk management of dioxin-like polychlorinated naphthalenes.

Skeletal toxicity resulting from exposure of growing male rats to coplanar PCB 126 is associated with disruption of calcium homeostasis and the GH-IGF-1 axis and direct effects on bone formation.

In vitro toxicity and molecular interacting mechanisms of chloroacetic acid to catalase.

Gene co-regulation and co-expression in the aryl hydrocarbon receptor-mediated transcriptional regulatory network in the mouse liver.

A systematic review on hepatoprotective activity of quercetin against various drugs and toxic agents: Evidence from preclinical studies.

Involvement of metallothionein, homocysteine and B-vitamins in the attenuation of arsenic-induced uterine disorders in response to the oral application of hydro-ethanolic extract of *Moringa oleifera* seed: a preliminary study.

Transporter Gene Regulation in Sandwich Cultured Human Hepatocytes Through the Activation of Constitutive Androstane Receptor (CAR) or Aryl Hydrocarbon Receptor (AhR).

Hepato-Genoprotective Activities of Methanol Extract of The Stem Bark of *Adansonia Digitata* LINN. In Wistar Rats Challenged with Sodium Arsenite.

The mitochondria-targeted derivative of the classical uncoupler of oxidative phosphorylation carbonyl cyanide m-chlorophenylhydrazone is an effective mitochondrial recoupler.

Attenuation of potassium dichromate and sodium arsenite toxicities by methanol extract of *Rauvolfia vomitoria* in mice.

The Protective Effect of Aspirin Eugenol Ester on Paraquat-Induced Acute Liver Injury Rats.

Holly (*Ilex latifolia* Thunb.) Polyphenols Extracts Alleviate Hepatic Damage by Regulating Ferroptosis Following Diquat Challenge in a Piglet Model.

Cytochrome P450 Expression and Chemical Metabolic Activity before Full Liver Development in Zebrafish.

A Case of Paraquat Poisoning Presenting With Spontaneous Pneumothorax and Pneumomediastinum.

Effects on the Liver Transcriptome in Baltic Salmon: Contributions of Contamination with Organohalogen Compounds and Origin of Salmon.

Telomeres as targets for the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and polychlorinated biphenyls (PCBs) in rats.

Metabolomics Profiling and Diagnosis Biomarkers Searching for Drug-Induced Liver Injury Implicated to *Polygonum multiflorum*: A Cross-Sectional Cohort Study.

InÂ vitro profiling of the potential endocrine disrupting activities affecting steroid and aryl hydrocarbon receptors of compounds and mixtures prevalent in human drinking water resources.

Tissue- and Region-Specific Accumulation of Arsenic Species, Especially in the Brain of Mice, After Long-term Arsenite Exposure in Drinking Water.

Aspirin Eugenol Ester Attenuates Paraquat-Induced Hepatotoxicity by Inhibiting Oxidative Stress.

In vitro effects of selected endocrine disruptors (DEHP, PCB118, BPA) on narrow-clawed crayfish (*Astacus leptodactylus*) primary cells.

Serum metabolic changes associated with dioxin exposure in a Chinese male cohort.

Effects of curcumin, D-pinitol alone or in combination in cytotoxicity induced by arsenic in PC12 cells.

Xanthohumol Effect on 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Treated Japanese Quails in Terms of Serum Lipids, Liver Enzymes, Estradiol, and Thyroid Hormones.

Correlation of polyamines, acrolein-conjugated lysine and polyamine metabolic enzyme levels with age in human liver.

Dietary Iron Overload Differentially Modulates Chemically-Induced Liver Injury in Rats.

Herbicide Widespread: The Effects of Pethoxamid on Nonalcoholic Fatty Liver Steatosis In Vitro.

Behavioral impairments in infant and adult mouse offspring exposed to 2,3,7,8-tetrabromodibenzofuran in utero and via lactation.

Over-gene expression in the apoptotic, oxidative damage and liver injure in female rats exposed to butralin.

Protective effect of *Mucuna pruriens* against arsenic-induced liver and kidney dysfunction and neurobehavioral alterations in rats.

Net release and uptake of xenometabolites across intestinal, hepatic, muscle, and renal tissue beds in healthy conscious pigs.

Potentials and pitfalls of transient in vitro reporter bioassays: interference by vector geometry and cytotoxicity in recombinant zebrafish cell lines.

Mass Balance, Metabolism, and Excretion of Cenobamate, a New Antiepileptic Drug, After a Single Oral Administration in Healthy Male Subjects.

Biotransformation and oxidative stress responses in relation to tissue contaminant burden in *Clarias gariepinus* exposed to simulated leachate from a solid waste dumpsite in Calabar, Nigeria.

PINK1/Parkin-mediated mitophagy is involved in NaAsO₂-induced apoptosis of human hepatic cells through activation of ERK signaling.

Piceatannol Ameliorates Hepatic Oxidative Damage and Mitochondrial Dysfunction of Weaned Piglets Challenged with Diquat.

Synthesis of cyclophosphamide metabolites by a peroxygenase from *Marasmius rotula* for toxicological studies on human cancer cells.

Organic selenium supplement partially alleviated diquat-induced oxidative insults and hepatic metabolic stress in nursery pigs.

Toxicity of Gold Nanoparticles in Mice due to Nanoparticle/Drug Interaction Induces Acute Kidney Damage.

Tissue distribution, hormonal regulation, ontogeny, diurnal expression, and induction of mouse cystine transporters Slc3a1 and Slc7a9.

Dioxin-like and non-dioxin-like PCBs differentially regulate the hepatic proteome and modify diet-induced nonalcoholic fatty liver disease severity.

Rethinking toxicity testing: Influence of aging on the outcome of long-term toxicity testing and possible remediation.

Causes and possibilities to circumvent cyclophosphamide toxicity.

Effect of Oral Supplementation of Healthy Pregnant Sows with Sucrosomial Ferric Pyrophosphate on Maternal Iron Status and Hepatic Iron Stores in Newborn Piglets.

Polybrominated dibenzo-p-dioxins (PBDDs) and - dibenzofurans (PBDFs) in cod (*Gadus morhua*) liver-derived products from 1972 to 2017.

Enhanced alcohol degradation and hepatic protective effects of an *Acetobacter Pasteurianus*-derived product, CureZyme-ACE, in an acute intoxication rat model.

[Injury of L-02 hepatocytes induced by NaAsO₂ is related to down-regulated expression of p14ARF and increased expression of MDM2 and p53].

A Comparative Study of the Action of Protonophore Uncouplers and Decoupling Agents as Inducers of Free Respiration in Mitochondria in States 3 and 4: Theoretical and Experimental Approaches.

The aryl hydrocarbon receptor mediates sex ratio distortion in the embryos sired by TCDD-exposed male mice.

Dioxin-like polybrominated biphenyls (PBBs) and ortho-substituted PBBs in edible cod (*Gadus morhua*) liver oils and canned cod livers.

Compositional profiles, persistency and toxicity of polychlorinated naphthalene (PCN) congeners in edible cod liver products from 1972 to 2017.

Exposure effects of iron oxide nanoparticles and iron salts in blackfish (*Capoeta fusca*): Acute toxicity, bioaccumulation, depuration, and tissue histopathology.

Kaempferol modulates TCDD- and t-BHQ-induced drug-metabolizing enzymes and luteolin enhances this effect.

Dioxin male rat reproductive toxicity mode of action and relative potency of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,7,8-tetrachlorodibenzofuran characterized by fetal pituitary and testis transcriptome profiling.

Metformin lowers glucose 6-phosphate in hepatocytes by activation of glycolysis downstream of glucose phosphorylation.

Bioisosteric Replacement of Amide Group with 1,2,3-Triazoles in Acetaminophen Addresses Reactive Oxygen Species-Mediated Hepatotoxic Insult in Wistar Albino Rats.

Mechanisms of Metabolism Interaction Between p-Cresol and Mycophenolic Acid.

Evaluation of the Effects of Agro Pesticides Use on Liver and Kidney Function in Farmers from Buea, Cameroon.

Protection against Mitochondrial Oxidative-Stress by Flesh-Extract of Edible Freshwater Snail *Bellamya bengalensis* Prevents Arsenic Induced DNA and Tissue Damage.

Effects of sublethal and realistic concentrations of the commercial herbicide atrazine in Pacu (*Piaractus mesopotamicus*): Long-term exposure and recovery assays.

Graves' disease: Epidemiology, genetic and environmental risk factors and viruses.

Sub-chronic exposure to Kalach 360 SL-induced damage in rats' liver and hematological system.

Comparative cyto- and genotoxicity assessment of glyphosate and glyphosate-based herbicides in human peripheral white blood cells.

Single and joint effects of chronic exposure to chlorpyrifos and glyphosate based pesticides on structural biomarkers in *Cnesterodon decemmaculatus*.

[Xuebijing improves clinical prognosis and reduces mortality in patients with acute paraquat poisoning: a Meta-analysis included 1 429 patients].

A glyphosate-based herbicide induces sub-lethal effects in early life stages and liver cell line of rainbow trout, *Oncorhynchus mykiss*.

Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels.

Effects of chronic glyphosate exposure to pregnant mice on hepatic lipid metabolism in offspring.

Effects of 2,4-D-based herbicide (DMA[®] 806) on sensitivity, respiration rates, energy reserves and behavior of tadpoles.

Hepatoprotective effect of N-acetylcystein loaded niosomes on liver function in paraquat-induced acute poisoning.

Cellular, humoral and molecular responses in rainbow trout (*Oncorhynchus mykiss*) exposed to a herbicide and subsequently infected with infectious hematopoietic necrosis virus.

Metazachlor: Mode of action analysis for rat liver tumour formation and human relevance.

Hepatoprotective effects of the n-butanol extract from *Perralderia coronopifolia* Coss. against PCP-induced toxicity in Wistar albino rats.

Cytochrome P450 and Glutathione-S-Transferase Activity are Altered Following Environmentally Relevant Atrazine Exposures in Crayfish (*Faxonius virilis*).

Kinetics of the metabolic effects, distribution spaces and lipid-bilayer affinities of the organo-chlorinated herbicides 2,4-D and picloram in the liver.

Comparison of four pharmacological strategies aimed to prevent the lung inflammation and paraquat-induced alveolar damage.

Effects of the glyphosate-based herbicide roundup on the survival, immune response, digestive activities and gut microbiota of the Chinese mitten crab, *Eriocheir sinensis*.

Gene expression, genotoxicity, and physiological responses in an Amazonian fish, *Colossoma macropomum* (CUVIER 1818), exposed to Roundup[®] and subsequent acute hypoxia.

Clinical outcome of paraquat poisoning during pregnancy.

Systematic review and meta-analysis of the efficacy and safety of immunosuppressive pulse therapy in the treatment of paraquat poisoning.

Toxicological effects of anthropogenic activities in *Geophagus brasiliensis* from a coastal river of southern Brazil: A biomarker approach.

Inflammatory Effects of Subacute Exposure of Roundup in Rat Liver and Adipose Tissue.

[Establishment and evaluation of acute diquat poisoning model in Wistar rats].

How Glyphosate Impairs Liver Condition in the Field Lizard *Podarcis siculus* (Rafinesque-Schmaltz, 1810): Histological and Molecular Evidence.

Retrospective study of clinical features and prognosis of edaravone in the treatment of paraquat poisoning.

Histopathological and ultrastructural indices for the assessment of glyphosate-based herbicide cytotoxicity in decapod crustacean hepatopancreas.

Homicidal Paraquat Poisoning.

The Alexipharmic Mechanisms of Five Licorice Ingredients Involved in CYP450 and Nrf2 Pathways in Paraquat-Induced Mice Acute Lung Injury.

The Critical Role of X Chromosome-Linked Inhibitor of Apoptosis (XIAP) in Differential Synergism Induced by Pentachlorophenol and Copper-1,10-Phenanthroline Complex in Normal and Cancer Liver Cells.

Antioxidative status, immunological responses, and heat shock protein expression in hepatopancreas of Chinese mitten crab, *Eriocheir sinensis* under the exposure of glyphosate.

Hepatotoxicity and reproductive disruption in male lizards (*Eremias argus*) exposed to glufosinate-ammonium contaminated soil.

Enantioselective Toxicity of Chiral Herbicide Metolachlor to *Microcystis aeruginosa*.

[Clinical effect of haemoperfusion combined with continuous veno-veno haemofiltration in treatment of paraquat poisoning: a Meta-analysis].

Histological evaluation of vital organs of the livebearer *Jenynsia multidentata* (Jenyns, 1842) exposed to glyphosate: A comparative analysis of Roundup(®) formulations.

Antioxidant activities of *Moringa oleifera* leaf extract against pendimethalin-induced oxidative stress and genotoxicity in Nile tilapia, *Oreochromis niloticus* (L.).

Protective and anti-inflammatory effects of hydroalcoholic leaf extract of *Origanum vulgare* on oxidative stress, TNF- α gene expression and liver histological changes in paraquat-induced hepatotoxicity in rats.

Using mathematical modeling to infer the valence state of arsenicals in tissues: A PBPK model for dimethylarsinic acid (DMA(V)) and dimethylarsinous acid (DMA(III)) in mice.

Effects of s-metolachlor on early life stages of marbled crayfish.

Oxadiazon affects the expression and activity of aldehyde dehydrogenase and acylphosphatase in human striatal precursor cells: A possible role in neurotoxicity.

Biomarkers at different levels of organisation after atrazine formulation (SIPTRAN 500SC(®)) exposure in *Rhinella schneideri* (Anura: Bufonidae) Neotropical tadpoles.

Exposure to atrazine during puberty reduces sperm viability, increases weight gain and alters the expression of key metabolic genes in the liver of male mice.

Cinnamaldehyde ameliorates STZ-induced rat diabetes through modulation of IRS1/PI3K/AKT2 pathway and AGEs/RAGE interaction.

Urinary acrolein metabolite levels in severe acute alcoholic hepatitis patients.

Assessment of hematological, hepato-renal, antioxidant, and hormonal responses of *Clarias gariepinus* exposed to sub-lethal concentrations of oxyfluorfen.

Modulation of the multixenobiotic resistance mechanism in *Danio rerio* hepatocyte culture (ZF-L) after exposure to glyphosate and Roundup(®).

Metabolic Activation and Cytotoxicity of Aloe-Emodin Mediated by Sulfotransferases.

Diquat Determines a Deregulation of lncRNA and mRNA Expression in the Liver of Postweaned Piglets.

Effects of inhibition of hepatic sulfotransferase activity on renal genotoxicity induced by lucidin-3-O-primeveroside.

Glyphosate disrupts redox status and up-regulates metallothionein I and II genes expression in the liver of adult rats. Alleviation by quercetin.

Enantiomeric environmental behavior, oxidative stress and toxin release of harmful cyanobacteria *Microcystis aeruginosa* in response to napropamide and acetochlor.

Redox-dependent catalase mimetic cerium oxide-based nanozyme protect human hepatic cells from 3-AT induced acatalasemia.

Metabolic activity testing can underestimate acute drug cytotoxicity as revealed by HepG2 cell clones overexpressing cytochrome P450 2C19 and 3A4.

The gut microbiota and its relationship with chronic kidney disease.

lncRNA-241 inhibits 1,2-Dichloroethane-induced hepatic apoptosis.

Expression and Functional Analysis of Hepcidin from Mandarin Fish (*Siniperca chuatsi*).

(¹¹C)-Labeled Pictilisib (GDC-0941) as a Molecular Tracer Targeting Phosphatidylinositol 3-Kinase (PI3K) for Breast Cancer Imaging.

Exosomal MALAT1 derived from hepatic cells is involved in the activation of hepatic stellate cells via miRNA-26b in fibrosis induced by arsenite.

Functions of aryl hydrocarbon receptor (AHR) and CD38 in NAD metabolism and nonalcoholic steatohepatitis (NASH).

AhR Activation Leads to Massive Mobilization of Myeloid-Derived Suppressor Cells with Immunosuppressive Activity through Regulation of CXCR2 and MicroRNA miR-150-5p and miR-543-3p That Target Anti-Inflammatory Genes.

Dietary iron deficiency impaired intestinal immune function of on-growing grass carp under the infection of *Aeromonas hydrophila*: Regulation of NF- κ B and TOR signaling.

Design, synthesis and biological evaluation of novel FFA1/GPR40 agonists: New breakthrough in an old scaffold.

Killing Effects of IFN R(-/-) Mouse NK Cells Activated by HN Protein of NDV on Mouse Hepatoma Cells and Possible Mechanism with Syk and NF- κ B.

Tissue-Specific Peculiarities of Vibration-Induced Hypoxia in Rabbit Liver and Kidney.

Aryl Hydrocarbon Receptor Signaling Prevents Activation of Hepatic Stellate Cells and Liver Fibrogenesis in Mice.

Novel diterpenoid-type activators of the Keap1/Nrf2/ARE signaling pathway and their regulation of redox homeostasis.

Understanding Environmental Contaminants' Direct Effects on Non-alcoholic Fatty Liver Disease Progression.

A comprehensive review on hepatoprotective and nephroprotective activities of chrysin against various drugs and toxic agents.

Industrial, Biocide, and Cosmetic Chemical Inducers of Cholestasis.

LC-MS/MS study of the degradation processes of nitisinone and its by-products.

Effects of Aryl Hydrocarbon Receptor Deficiency on PCB-77-Induced Impairment of Glucose Homeostasis during Weight Loss in Male and Female Obese Mice.

Gene expression alterations of human liver cancer cells following borax exposure.

Involvement of proinflammatory cytokines and metallothionein in the repairing of arsenic-mediated uterine tissue damage by curcumin.

Rapid Analysis of Effects of Environmental Toxicants on Tumorigenesis and Inflammation Using a Transgenic Zebrafish Model for Liver Cancer.

Disruption of Telomere Integrity and DNA Repair Machineries by KML001 Induces T Cell Senescence, Apoptosis, and Cellular Dysfunctions.

High temperature aggravates the effects of pesticides in goldfish.

3-Methylcholanthrene Induces Chylous Ascites in TCDD-Inducible Poly-ADP-Ribose Polymerase (Tiparp) Knockout Mice.

Comparative liver function assessment of natural and available drug (Ferrous sulfate) for iron-deficiency anemia in rat model.

Sodium arsenite augments sensitivity of *Echinococcus granulosus* protozoa to albendazole.

2,3,7,8-tetrachlorodibenzo-p-dioxin suppresses the growth of human colorectal cancer cells in vitro: Implication of the aryl hydrocarbon receptor signaling.

Crizotinib-induced erosive esophagitis in a pediatric patient with neuroblastoma.

Role of Aryl Hydrocarbon Receptor (AhR) in the Regulation of Immunity and Immunopathology During *Trypanosoma cruzi* Infection.

Iron Oversupplementation Causes Hippocampal Iron Overloading and Impairs Social Novelty Recognition in Nursing Piglets.

Ultrasensitivity dynamics of diverse aryl hydrocarbon receptor modulators in a hepatoma cell line.

Urinary 2,5-dichlorophenol and 2,4-dichlorophenol concentrations and prevalent disease among adults in the National Health and Nutrition Examination Survey (NHANES).

KML001, an arsenic compound, as salvage chemotherapy in refractory biliary tract cancers: A prospective study.

Tropolone-induced effects on the unfolded protein response pathway and apoptosis in multiple myeloma cells are dependent on iron.

The protective effect exerted by dietary borax on toxicity metabolism in rainbow trout (*Oncorhynchus mykiss*) tissues.

Constitutive Activation of the Human Aryl Hydrocarbon Receptor in Mice Promotes Hepatocarcinogenesis Independent of Its Coactivator Gadd45b.

Polychlorinated biphenyl exposures differentially regulate hepatic metabolism and pancreatic function: Implications for nonalcoholic steatohepatitis and diabetes.

Development of a database on key characteristics of human carcinogens.

Gut microbiome disruption altered the biotransformation and liver toxicity of arsenic in mice.

Effects of Simvastatin on Fetal Cardiac Impairment in the Diaphragmatic Experimental Hernia Model.

Assessment of Acute Serum Iron, Non-Transferrin-Bound Iron, and Gastrointestinal Symptoms with 3-Week Consumption of Iron-Enriched *Aspergillus oryzae* Compared with Ferrous Sulfate.

Paraquat: The Poison Potion.

Oxidative stress, lysosomal damage and dysfunctional autophagy in molluscan hepatopancreas (digestive gland) induced by chemical contaminants.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Disrupts Control of Cell Proliferation and Apoptosis in a Human Model of Adult Liver Progenitors.

Genome-Scale Characterization of Toxicity-Induced Metabolic Alterations in Primary Hepatocytes.

Gut Microbiota in Alcoholic Hepatitis is Disparate from Those in Acute Alcoholic Pancreatitis and Biliary Disease.

Characterizing the Role of HMG-CoA Reductase in Aryl Hydrocarbon Receptor-Mediated Liver Injury in C57BL/6 Mice.

A dual mixture of persistent organic pollutants modifies carbohydrate metabolism in the human hepatic cell line HepaRG.

Effect of in ovo glyphosate injection on embryonic development, serum biochemistry, antioxidant status and histopathological changes in newly hatched chicks.

A comparative study of 3 alternative avian toxicity testing methods: Effects on hepatic gene expression in the chicken embryo.

Cholestatic liver disease results increased production of reactive aldehydes and an atypical periportal hepatic antioxidant response.

8-Formylpiperonylacetone B Antagonizes Paraquat-Induced Hepatotoxicity by Suppressing Oxidative Stress.

Effect of Benzo(a)pyrene on the Expression of miR-483-3p in Hepatocyte Primary Culture and Rat Liver.

Comparative toxicoproteogenomics of mouse and rat liver identifies TCDD-resistance genes.

Estrogen withdrawal and replacement differentially target liver and adipose tissues in female mice fed a high-fat high-sucrose diet: impact of a chronic exposure to a low-dose pollutant mixture(â†).

Hepatic heparan sulfate is a master regulator of hepcidin expression and iron homeostasis in human hepatocytes and mice.

Disruption of flavin homeostasis in isolated rat liver mitochondria.

A retrospective investigation into the occurrence and human exposure to polychlorinated naphthalenes (PCNs), dibenzo-p-dioxins and furans (PCDD/Fs) and PCBs through cod liver products (1972-2017).

AhR Activation in Pharmaceutical Development: Applying Liver Gene Expression Biomarker Thresholds to Identify Doses Associated With Tumorigenic Risks in Rats.

Different stability-indicating chromatographic methods for specific determination of paracetamol, dantrolene sodium, their toxic impurities and degradation products.

Gut microbial transformation of the dietary mutagen MeIQx may reduce exposure levels without altering intestinal transport.

Severe ARDS Complicating an Acute Intentional Cresol Poisoning.

[Assessment of prenatal care for indigenous women in Brazil: findings from the First National Survey of Indigenous People's Health and Nutrition].

2,3,7,8-Tetrachlorodibenzo-p-dioxin modifies alternative splicing in mouse liver.

Mixture toxicity effects and uptake of titanium dioxide (TiO₂) nanoparticles and 3,3',4,4'-tetrachlorobiphenyl (PCB77) in juvenile brown trout following co-exposure via the diet.

Defining the Contribution of CYP1A1 and CYP1A2 to Drug Metabolism Using Humanized CYP1A1/1A2 and Cyp1a1/Cyp1a2 Knockout Mice.

The impact of maternally derived dioxins on embryonic development and hepatic AHR signaling in a long-lived apex predator.

Metabolism of 3-[5'-deoxy-5'-(dimethylarsinoyl)- β -ribofuranosyloxy]-2-hydroxypropylene glycol in an artificial digestive system.

Effect of Dioxins in Milk on the 3D Cultured Primary Buffalo Hepatocyte Model System.

Effects of hot melt extrusion processed nano-iron on growth performance, blood composition, and iron bioavailability in weanling pigs.

Effect of plant extracts on the genotoxicity of 1'-hydroxy alkenylbenzenes.

A Quantitative HILIC-MS/MS Assay of the Metabolic Response of Huh-7 Cells Exposed to 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Review of a Case of Paraquat Poisoning in a Tertiary Care Rural-based ICU.

Pollutants released from the pulp paper industry: Aquatic toxicity and their health hazards.

Cytotoxicity of hexahelicene and its effect on the aryl hydrocarbon receptor pathway.

Gender- and dose-related metabolome alterations in rat offspring after in utero and lactational exposure to PCB 180.

Sodium Arsenite Injection Induces Ovarian Oxidative Stress and Affects Steroidogenesis in Rats.

Protective Effect of Hesperidin on Sodium Arsenite-Induced Nephrotoxicity and Hepatotoxicity in Rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin abolishes circadian regulation of hepatic metabolic activity in mice.

The influence of high doses of α -tocopherol on the content of selected trace elements in the liver of developing chicken embryos in experimentally induced 2,3,7,8-tetrachlorodibenzo-p-dioxin intoxication.

Formation of dioxins from triclosan with active chlorine: A potential risk assessment.

Polychlorinated Biphenyls and Nonalcoholic Fatty Liver Disease.

Dimethylarsinic acid may promote prostate carcinogenesis in rats.

Bioassay system for the detection of aryl hydrocarbon receptor agonists in waterborne pesticides using zebrafish cyp1a1 promoter-luciferase recombinant hepatic cells.

Administration of Fenugreek Seed Extract Produces Better Effects in Glibenclamide-Induced Inhibition in Hepatic Lipid Peroxidation: An in vitro Study.

Lipidomic profiling of subchronic As(4)S(4) exposure identifies inflammatory mediators as sensitive biomarkers in rats.

Transcriptomic Impact of IMA-08401, a Novel AHR Agonist Resembling Laquinimod, on Rat Liver.

Kinetics of Glutathione Depletion and Antioxidant Gene Expression as Indicators of Chemical Modes of Action Assessed in Vitro in Mouse Hepatocytes with Enhanced Glutathione Synthesis.

Excessive Reactive Iron Impairs Hematopoiesis by Affecting Both Immature Hematopoietic Cells and Stromal Cells.

Protective effects of resveratrol on biomarkers of oxidative stress, biochemical and histopathological changes induced by sub-chronic oral glyphosate-based herbicide in rats.

Interindividual variation in the cytochrome P4501A response to 2,3,7,8-tetrachlorodibenzo-p-dioxin in herring gull embryo hepatocytes.

Radiosynthesis and in vivo evaluation of (11)C-labeled BMS-193885 and its desmethyl analog as PET tracers for neuropeptide Y1 receptors.

Effectiveness of AOS-iron on iron deficiency anemia in rats.

The effects of hesperidin on sodium arsenite-induced different organ toxicity in rats on metabolic enzymes as antidiabetic and anticholinergics potentials: A biochemical approach.

Evaluation of 12 mouse marker genes in rat toxicogenomics public data, Open TG-GATEs: Discrimination of genotoxic from non-genotoxic hepatocarcinogens.

Molecular mechanism involved in cyclophosphamide-induced cardiotoxicity: Old drug with a new vision.

RiboTag translomic profiling of Drosophila oenocytes under aging and induced oxidative stress.

Estimation of potential risk of allyl alcohol induced liver injury in diabetic patients using type 2 diabetes spontaneously diabetic Torii-Lepr(fa) (SDT fatty) rats.

Organ distribution of endogenous p-cresol in hemodialysis patients.

Embryonic arsenic exposure reduces intestinal cell proliferation and alters hepatic IGF mRNA expression in killifish (*Fundulus heteroclitus*).

Hepatic and renal protective effects of quercetin in ferrous sulfate-induced toxicity.

An imazamox-based herbicide causes apoptotic changes in rat liver and pancreas.

Assessment of adverse outcome of Excel Mera 71 in *Anabas testudineus* by histological and ultrastructural alterations.

Differences in apoptotic signaling and toxicity between dimethylmonothioarsinic acid (DMMTA(V)) and its active metabolite, dimethylarsinous acid (DMA(III)), in HepaRG cells: Possibility of apoptosis cascade based on diversity of active metabolites of DMMTA(V).

Effects of glyphosate on the ovarian function of pregnant mice, the secretion of hormones and the sex ratio of their fetuses.

Chronic toxicity of metolachlor OA on growth, ontogenetic development, antioxidant biomarkers and histopathology of early life stages of marbled crayfish.

Cinnamaldehyde and related phenylpropanoids, natural repellents, and insecticides against *Sitophilus zeamais* (Motsch.). A chemical structure-bioactivity relationship.

Pendimethalin-induced oxidative stress, DNA damage and activation of anti-inflammatory and apoptotic markers in male rats.

Toxicity induced by glyphosate and glyphosate-based herbicides in the zebrafish hepatocyte cell line (ZF-L).

Exposure Through Runoff and Ground Water Contamination Differentially Impact Behavior and Physiology of Crustaceans in Fluvial Systems.

Inhibition effects of pesticides on glutathione-S-transferase enzyme activity of Van Lake fish liver.

Joint toxicity on hepatic detoxication enzymes in goldfish (*Carassius auratus*) exposed to binary mixtures of lead and paraquat.

Changes in hepatic phase I and phase II biotransformation enzyme expression and glutathione levels following atrazine exposure in female rats.

Biochemical and histological effects of sub-chronic exposure to atrazine in crayfish *Cherax destructor*.

High-dose acute exposure of paraquat induces injuries of swim bladder, gastrointestinal tract and liver via neutrophil-mediated ROS in zebrafish and their relevance for human health risk assessment.

Toxicity of some aquatic pollutants to fish.

[Acute pulmonary fibrosis associated with Paraquat poisoning. Report of one case].

A survival case of intravenous paraquat intoxication: A case report.

Effects of the chloro-s-triazine herbicide terbuthylazine on DNA integrity in human and mouse cells.

Effects of glyphosate and its commercial formulation, Roundup(®) Ultramax, on liver histology of tadpoles of the neotropical frog, *Leptodactylus latrans* (amphibia: Anura).

Metabolome disruption of pregnant rats and their offspring resulting from repeated exposure to a pesticide mixture representative of environmental contamination in Brittany.

Oxidative stress, cholinesterase activity, and DNA damage in the liver, whole blood, and plasma of Wistar rats following a 28-day exposure to glyphosate.

Protective role of thymoquinone against paraquat-induced hepatotoxicity in mice.

Influences of *Chlorella vulgaris* dietary supplementation on growth performance, hematology, immune response and disease resistance in *Oreochromis niloticus* exposed to sub-lethal concentrations of penoxsulam herbicide.

A human relevance investigation of PPAR α -mediated key events in the hepatocarcinogenic mode of action of propaquizafop in rats.

Six months exposure to a real life mixture of 13 chemicals' below individual NOAELs induced non monotonic sex-dependent biochemical and redox status changes in rats.

HFE Genotype Restricts the Response to Paraquat in a Mouse Model of Neurotoxicity.

Toxicological responses on cytochrome P450 and metabolic transferases in liver of goldfish (*Carassius auratus*) exposed to lead and paraquat.

Effects of atrazine on vitellogenesis, steroid levels and lipid peroxidation, in female red swamp crayfish *Procambarus clarkii*.

Protective effect of *Uncaria tomentosa* extract against oxidative stress and genotoxicity induced by glyphosate-Roundup® using zebrafish (*Danio rerio*) as a model.

Acute and single repeated dose effects of low concentrations of chlorpyrifos, diuron, and their combination on chicken.

Effects of surface charge and palladium on hepatic and kidney injury induced by polystyrene nanoparticles co-administered to mice with paraquat and cisplatin.

Changes in intermediate metabolism and oxidative balance parameters in sexually matured three-barbeled catfishes exposed to herbicides from rice crops (Roundup®, Primoleo® and Facet®).

Isolated and mixed effects of diuron and its metabolites on biotransformation enzymes and oxidative stress response of Nile tilapia (*Oreochromis niloticus*).

Effect of dietary supplementation with *Spirulina platensis* on Atrazine-induced oxidative stress-mediated hepatic damage and inflammation in the common carp (*Cyprinus carpio* L.).

Hepatotoxicity of paraquat on common carp (*Cyprinus carpio* L.).

Changes in Sensitivity to the Effects of Atrazine on the Luteinizing Hormone Surge in Female Sprague-Dawley Rats after Repeated Daily Doses: Correlation with Liver Enzyme Expression.

Oxidative stress and DNA damage in common carp (*Cyprinus carpio*) exposed to the herbicide mesotrione.

Assessment of hepatic metabolism-dependent nephrotoxicity on an organs-on-a-chip microdevice.

Flumioxazin metabolism in pregnant animals and cell-based protoporphyrinogen IX oxidase (PPO) inhibition assay of fetal metabolites in various animal species to elucidate the mechanism of the rat-specific developmental toxicity.

Effects on metabolic parameters in young rats born with low birth weight after exposure to a mixture of pesticides.

Acrolein-induced atherogenesis by stimulation of hepatic flavin containing monooxygenase 3 and a protection from hydroxytyrosol.

Transcription factor NFE2L2/NRF2 modulates chaperone-mediated autophagy through the regulation of LAMP2A.

A comparative study on subacute toxicity of arsenic trioxide and dimethylarsinic acid on antioxidant status in Crandell Rees feline kidney (CRFK), human hepatocellular carcinoma (PLC/PRF/5), and epithelioma papulosum cyprini (EPC) cell lines.

Treatment Outcome of Combined Continuous Venovenous Hemofiltration and Hemoperfusion in Acute Paraquat Poisoning: A Prospective Controlled Trial.

Lethal Bentazone Intoxication - A Report of Two Cases.

Stereoisomeric guaiacylglycerol- β -coniferyl aldehyde ether induces distinctive apoptosis by downregulation of MEK/ERK pathway in hepatocellular carcinoma cells.

FGF21 attenuates pulmonary fibrogenesis through ameliorating oxidative stress in vivo and in vitro.

Protective effect of ALDH2 against cyclophosphamide-induced acute hepatotoxicity via attenuating oxidative stress and reactive aldehydes.

Neutrophil extracellular traps in acrolein promoted hepatic ischemia reperfusion injury: Therapeutic potential of NOX2 and p38MAPK inhibitors.

Antibiotics may increase triazine herbicide exposure risk via disturbing gut microbiota.

Extended fish short term reproduction assays with the fathead minnow and Japanese medaka: No evidence of impaired fecundity from exposure to atrazine.

Chimeric mice with humanized liver as a model for testing organophosphate and carbamate pesticide exposure.

Influence of exposure to pesticide mixtures on the metabolomic profile in post-metamorphic green frogs (*Lithobates clamitans*).

Metabolic Hydrolysis of Aromatic Amides in Selected Rat, Minipig, and Human In Vitro Systems.

Hexachloronaphthalene (HxCN) as a potential endocrine disruptor in female rats.

Increases in bioactive lipids accompany early metabolic changes associated with β -cell expansion in response to short-term high-fat diet.

Impaired lipid and glucose homeostasis in male mice offspring after combined exposure to low-dose bisphenol A and arsenic during the second half of gestation.

[Effects of sodium arsenite exposure on activation and extracellular matrix secretion of human hepatic stellate cells].

2,3,7,8-Tetrachlorodibenzo-*p*-dioxin suppresses the growth of human liver cancer HepG2 cells in vitro: Involvement of cell signaling factors.

Hepatocyte-Specific Deletion of TIPARP, a Negative Regulator of the Aryl Hydrocarbon Receptor, Is Sufficient to Increase Sensitivity to Dioxin-Induced Wasting Syndrome.

miR-145 via targeting ERCC2 is involved in arsenite-induced DNA damage in human hepatic cells.

The role of molecular modelling strategies in validating the effects of chrysin on sodium arsenite-induced chromosomal and DNA damage.

Ursodeoxycholic acid improves liver function via phenylalanine/tyrosine pathway and microbiome remodelling in patients with liver dysfunction.

Elevated Arsenic Exposure Is Associated with an Increased Risk of Chronic Hepatitis B Virus Infection: NHANES (2003-2014) in U.S. Adults.

Integrated transcriptomics and metabolomics reveal signatures of lipid metabolism dysregulation in HepaRG liver cells exposed to PCB 126.

Ellagic acid mitigates sodium arsenite-induced renal and hepatic toxicity in male Wistar rats.

The Influence of Obesity on the Pharmacokinetics of Dioxin in Mice: An Assessment Using Classical and PBPK Modeling.

Toluene and methylethylketone: effect of combined exposure on their metabolism in rat.

SLC6A19 is a novel putative gene, induced by dioxins via AhR in human hepatoma HepG2 cells.

Protective Effect of Azadirachta indica and Vitamin E Against Arsenic Acid-Induced Genotoxicity and Apoptosis in Rats.

Relationship between serum trimethylamine N-oxide and exposure to dioxin-like pollutants.

Dioxin-like PCB 126 Increases Systemic Inflammation and Accelerates Atherosclerosis in Lean LDL Receptor-Deficient Mice.

In rats gestational iron deficiency does not change body fat or hepatic mitochondria in the aged offspring.

Host biotin is required for liver stage development in malaria parasites.

Probiotic/prebiotic correction for adverse effects of iron fortification on intestinal resistance to Salmonella infection in weaning mice.

iTRAQ-based quantitative proteomic analysis reveals important metabolic pathways for arsenic-induced liver fibrosis in rats.

Aberrant expression of miR-451a contributes to 1,2-dichloroethane-induced hepatic glycerol gluconeogenesis disorder by inhibiting glycerol kinase expression in NIH Swiss mice.

Arsenic Induces Thioredoxin 1 and Apoptosis in Human Liver HHL-5 Cells.

The Role of Cytochromes P450 in Infection.

[About a cresol intoxication].

Thymoquinone is protective against 2,3,7,8-tetrachlorodibenzo-p-dioxin induced hepatotoxicity.

Evidence for estrogeno-mimetic effects of a mixture of low-dose pollutants in a model of ovariectomized mice.

Microbiota-derived uremic retention solutes: perpetrators of altered nonrenal drug clearance in kidney disease.

Therapy with high-dose long-term antioxidant free radicals for severe paraquat poisoning: A pilot study.

Release and toxicity of adipose tissue-stored TCDD: Direct evidence from a xenografted fat model.

Tissue-specific bioaccumulation, depuration and metabolism of 4,4'-dichlorodiphenyl sulfide in the freshwater mussel *Anodonta woodiana*.

Dynamics study on the role of curcumin on TGF- β 1 expression and pathological changes in acute paraquat poisoned rats.

Metabolism and disposition of arsenic species from controlled dosing with sodium arsenite in adult female CD-1 mice. III. Toxicokinetic studies following oral and intravenous administration.

Glutathione S-transferase P deficiency induces glucose intolerance via JNK-dependent enhancement of hepatic gluconeogenesis.

The effect of prenatal exposure on disposition of hexachloronaphthalene in female Wistar rats and fetal compartment.

Sodium arsenite exposure inhibits histone acetyltransferase p300 for attenuating H3K27ac at enhancers in mouse embryonic fibroblast cells.

Utility of Serum miR-122, Liver Enzymes, and Hepatic Histopathology in Response to Hepatotoxicants in Sprague-Dawley Rats.

In vitro toxicity and in silico docking analysis of two novel selective AH-receptor modulators.

Delayed death following paraquat poisoning: three case reports and a literature review.

Low dose exposure to HBCD, CB-153 or TCDD induces histopathological and hormonal effects and changes in brain protein and gene expression in juvenile female BALB/c mice.

Transcriptomic and methylomic analysis reveal the toxicological effect of 2,3,7,8-Tetrachlorodibenzodioxin on human embryonic stem cell.

Author Correction: Multiomics reveal non-alcoholic fatty liver disease in rats following chronic exposure to an ultra-low dose of Roundup herbicide.

Toxicity assessment of agrochemical Almix in *Heteropneustes fossilis* through histopathological alterations.

Comparison of Hepatic NRF2 and Aryl Hydrocarbon Receptor Binding in 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Treated Mice Demonstrates NRF2-Independent PKM2 Induction.

Photocatalytic decomposition of selected biologically active compounds in environmental waters using TiO₂/polyaniline nanocomposites: Kinetics, toxicity and intermediates assessment.

Metabolomic analysis of serum from rats following long-term intake of Chinese sausage.

Bioaccumulation of As, Hg, and Se in tunas *Thunnus albacares* and *Katsuwonus pelamis* from the Eastern Pacific: tissue distribution and As speciation.

Biogenic Synthesis of Novel Functionalized Selenium Nanoparticles by *Lactobacillus casei* ATCC 393 and Its Protective Effects on Intestinal Barrier Dysfunction Caused by Enterotoxigenic *Escherichia coli* K88.

The gut microbiota metabolite indole alleviates liver inflammation in mice.

PCB126 Inhibits the Activation of AMPK-CREB Signal Transduction Required for Energy Sensing in Liver.

Ecotoxicological potential of the biocides terbutryn, octhiline and methylisothiazolinone:
Underestimated risk from biocidal pathways?

Effects of Arsenic Compounds on Microminerals Content and Antioxidant Enzyme Activities in Rat Liver.

Elevated Nrf-2 responses are insufficient to mitigate protein carbonylation in hepatospecific PTEN deletion mice.

Berberine protects the liver and kidney against functional disorders and histological damages induced by ferrous sulfate.

Environmental Toxin Screening Using Human-Derived 3D Bioengineered Liver and Cardiac Organoids.

Cellular and Molecular Effects of Prolonged Low-Level Sodium Arsenite Exposure on Human Hepatic HepaRG Cells.

Photolysis of highly brominated flame retardants leads to time-dependent dioxin-responsive mRNA expression in chicken embryonic hepatocytes.

Association of textile industry effluent with mutagenicity and its toxic health implications upon acute and sub-chronic exposure.

Dysregulation of Intestinal Health by Environmental Pollutants: Involvement of the Estrogen Receptor and Aryl Hydrocarbon Receptor.

The Initiation Factors eIF2, eIF2A, eIF2D, eIF4A, and eIF4G Are Not Involved in Translation Driven by Hepatitis C Virus IRES in Human Cells.

Spectroscopic analyses and genotoxicity of dioxins in the aquatic environment of Alexandria.

Analysis of expression profile data identifies key genes and pathways in hepatocellular carcinoma.

Understanding the toxic potencies of xenobiotics inducing TCDD/TCDF-like effects.

Dysregulation of antioxidant responses in patients diagnosed with concomitant Primary Sclerosing Cholangitis/Inflammatory Bowel Disease.

Use of polychlorinated biphenyl and toxic equivalent concentrations in scat from mink (Neovison vison) fed fish from the upper Hudson River to predict dietary and hepatic concentrations and health effects.

Mersalyl prevents the TI(+)-induced permeability transition pore opening in the inner membrane of Ca²⁺-loaded rat liver mitochondria.

Transcriptional inhibition of TCDD-mediated induction of cytochrome P450 1A1 and alteration of protein expression in a zebrafish hepatic cell line following the administration of TCDD and Cd(2).

[Determination of Hexazinone and Its Major Metabolites in Livestock Products by LC-MS/MS].

A Review on the Expression and Metabolic Features of Orphan Human Cytochrome P450 2S1 (CYP2S1).

Metabolism and disposition of arsenic species from controlled oral dosing with sodium arsenite in adult female CD-1 mice. I. Pilot study to determine dosing, analytical measurements, and sampling strategies.

Seasonal implications on toxicity biomarkers of *Loricariichthys anus* (Valenciennes, 1835) from a subtropical reservoir.

Comparison of in vivo toxicity, antioxidant and immunomodulatory activities of coconut, niphah and pineapple juice vinegars.

Effects of glyphosate-based herbicide on pintado da AmazÃ´nia: Hematology, histological aspects, metabolic parameters and genotoxic potential.

Tissue metabolic changes for effects of pirfenidone in rats of acute paraquat poisoning by GC-MS.

Exposures to arsenite and methylarsonite produce insulin resistance and impair insulin-dependent glycogen metabolism in hepatocytes.

Effect of resveratrol and tetracycline on the subacute paraquat toxicity in mice.

The hepatoprotective effects of aquatic extract of *Levisticum officinale* against paraquat hepatocyte toxicity.

Serine alleviates oxidative stress via supporting glutathione synthesis and methionine cycle in mice.

Effects of co-exposure to atrazine and ethanol on the oxidative damage of kidney and liver in Wistar rats.

A new machine-learning method to prognosticate paraquat poisoned patients by combining coagulation, liver, and kidney indices.

Influence of sublethal doses of acetamiprid and halosulfuron-methyl on metabolites of zebra fish (*Brachydanio rerio*).

Oxidative stress in the hybrid fish jundiara (*Leiarius marmoratus*—*Pseudoplatystoma reticulatum*) exposed to Roundup Original®).

The metabolic effects of diuron in the rat liver.

Gender-specific histopathological response in guppies *Poecilia reticulata* exposed to glyphosate or its metabolite aminomethylphosphonic acid.

Fish short-term reproduction assay with atrazine and the Japanese medaka (*Oryzias latipes*).

Effects of the herbicide triclopyr on metamorphic northern red-legged frogs.

Toxicity of two classes of arsenolipids and their water-soluble metabolites in human differentiated neurons.

Comparative toxic responses of male and female lizards (*Eremias argus*) exposed to (S)-metolachlor-contaminated soil.

Paraquat Induces Peripheral Myelin Disruption and Locomotor Defects: Crosstalk with LXR and Wnt Pathways.

[Study of the effect of occupational exposure to glyphosate on hepatorenal function].

In vitro cytotoxicity assessment of roundup (glyphosate) in L-02 hepatocytes.

Effects of Roundup formulations on biochemical biomarkers and male sperm quality of the livebearing *Jenynsia multidentata*.

Activating nuclear xenobiotic receptors and triggering ER stress and hepatic cytochromes P450 systems in quails (*Coturnix C. coturnix*) during atrazine exposure.

Isolation and characterization of two glutathione S-transferases from freshwater bivalve *Anodonta woodiana*: Chronic effects of pentachlorophenol on gene expression profiles.

Influence of CuSO₄ and chelated copper algacide exposures on biodegradation of microcystin-LR.

The association of cancer risks with pentachlorophenol exposure: Focusing on community population in the areas along certain section of Yangtze River in China.

Fluazifop- p-butyl, an aryloxyphenoxypropionate herbicide, diminishes renal and hepatic functions and triggers testicular oxidative stress in orally exposed rats.

Nephrotoxicity-induced proteinuria increases biomarker diagnostic thresholds in acute kidney injury.

Effects of melatonin in rats in the initial third stage of pregnancy exposed to sub-lethal doses of herbicides.

Metastasis suppressor NM23 limits oxidative stress in mammals by preventing activation of stress-activated protein kinases/JNKs through its nucleoside diphosphate kinase activity.

[Evaluation of adsorption effect of activated charcoal on oral paraquat poisoning: an experimental study on large animal].

The chronic effects of terbuthylazine-2-hydroxy on early life stages of marbled crayfish (*Procambarus fallax f. virginalis*).

Atrazine triggers hepatic oxidative stress and apoptosis in quails (*Coturnix C. coturnix*) via blocking Nrf2-mediated defense response.

Mapping Proteome-wide Targets of Glyphosate in Mice.

Perinatal exposure to glyphosate-based herbicide alters the thyrotrophic axis and causes thyroid hormone homeostasis imbalance in male rats.

A miniaturized electrochemical toxicity biosensor based on graphene oxide quantum dots/carboxylated carbon nanotubes for assessment of priority pollutants.

Quizalofop-P-ethyl exposure increases estrogen axis activity in male and slightly decreases estrogen axis activity in female zebrafish (*Danio rerio*).

Effects of atrazine on ovarian growth, in the estuarine crab *Neohelice granulata*.

A glyphosate-based herbicide induces histomorphological and protein expression changes in the liver of the female guppy *Poecilia reticulata*.

The protective effects of *Cichorium glandulosum* seed and cynarin against cyclophosphamide and its metabolite acrolein-induced hepatotoxicity in vivo and in vitro.

Acrolein scavengers, cysteamine and N-benzylhydroxylamine, reduces the mouse liver damage after acetaminophen overdose.

Multimiomics reveal non-alcoholic fatty liver disease in rats following chronic exposure to an ultra-low dose of Roundup herbicide.

Resveratrol and Montelukast Alleviate Paraquat-Induced Hepatic Injury in Mice: Modulation of Oxidative Stress, Inflammation, and Apoptosis.

Liver X Receptor Agonist TO901317 Attenuates Paraquat-Induced Acute Lung Injury through Inhibition of NF- κ B and JNK/p38 MAPK Signal Pathways.

Pentachlorophenol affected both reproductive and interrenal systems: In silico and in vivo evidence.

Prometryn and humic acid induce Cytochrome P450 1A expression in *Danio rerio* (zebrafish).

Coadministration of isomalto-oligosaccharides augments metabolic health benefits of cinnamaldehyde in high fat diet fed mice.

Cinnamaldehyde potentially attenuates gestational hyperglycemia in rats through modulation of PPAR γ , proinflammatory cytokines and oxidative stress.

Cytotoxicity and cellular response mechanisms of water-soluble platinum(II) complexes of lidocaine and phenylcyanamide derivatives.

Spermine oxidase promotes bile canalicular lumen formation through acrolein production.

An accurate and robust LC-MS/MS method for the quantification of chlorfenvinphos, ethion and linuron in liver samples.

Evidence of in vitro metabolic interaction effects of a chlorfenvinphos, ethion and linuron mixture on human hepatic detoxification rates.

Effects of pentachlorophenol on the quail (*Coturnix japonica*) liver detoxification pathway.

A drastic superoxide-dependent oxidative stress is prerequisite for the down-regulation of IRP1: Insights from studies on SOD1-deficient mice and macrophages treated with paraquat.

Metabolic parameters and oxidative balance in juvenile *Rhamdia quelen* exposed to rice paddy herbicides: Roundup $\text{\textcircled{R}}$, Primoleo $\text{\textcircled{R}}$, and Facet $\text{\textcircled{R}}$.

Effects of Nrf2 deficiency on arsenic metabolism in mice.

Chloracne in a Farming Family.

Persistent Endocrine-Disrupting Chemicals and Fatty Liver Disease.

Editor's Highlight: PCB126 Exposure Increases Risk for Peripheral Vascular Diseases in a Liver Injury Mouse Model.

Distribution of arsenic and oxidative stress in mice after rice ingestion.

Elucidation of protective efficacy of Pentahydroxy flavone isolated from *Madhuca indica* against arsenite-induced cardiomyopathy: Role of Nrf-2, PPAR- γ , c-fos and c-jun.

Quillaja saponaria bark saponin protects Wistar rats against ferrous sulphate-induced oxidative and inflammatory liver damage.

Paclitaxel-mediated human aryl hydrocarbon receptor mRNA translation by an internal ribosomal entry site-dependent mechanism.

Obesogenic endocrine disruptors and obesity: myths and truths.

Gonadal intersex in smallmouth bass *Micropterus dolomieu* from northern Indiana with correlations to molecular biomarkers and anthropogenic chemicals.

[Sensory axonal polyneuropathy due to 2,4-dinitrophenol].

Sustained-release mitochondrial protonophore reverses nonalcoholic fatty liver disease in rats.

Dioxin Receptor Adjusts Liver Regeneration After Acute Toxic Injury and Protects Against Liver Carcinogenesis.

Chronic exposure of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces an obesogenic effect in C57BL/6J mice fed a high fat diet.

Pediatric liver transplantation for fulminant hepatic failure secondary to intentional iron overdose.

Antimicrobial agents, triclosan, chloroxylenol, methylisothiazolinone and borax, used in cleaning had genotoxic and histopathologic effects on rainbow trout.

Effects of C-Glycosides from *Apios americana* Leaves against Oxidative Stress during Hyperglycemia through Regulating Mitogen-Activated Protein Kinases and Nuclear Factor Erythroid 2-Related Factor 2.

Distribution, lipid-bilayer affinity and kinetics of the metabolic effects of dinoseb in the liver.

Polychlorinated dibenzo-p-dioxins and dibenzofurans levels in piglet liver with various diseases.

Broad Spectrum Macromolecular Antimicrobials with Biofilm Disruption Capability and In Vivo Efficacy.

Separate screening of brominated and chlorinated dioxins in field samples using in vitro reporter gene assays with rat and mouse hepatoma cell lines.

High Consumption of Iron Exacerbates Hyperlipidemia, Atherosclerosis, and Female Sterility in Zebrafish via Acceleration of Glycation and Degradation of Serum Lipoproteins.

Dioxin-induced increase in leukotriene B4 biosynthesis through the aryl hydrocarbon receptor and its relevance to hepatotoxicity owing to neutrophil infiltration.

β -catenin Mutations Are Not Involved in Early-stage Hepatocarcinogenesis Induced by Protoporphyrinogen Oxidase Inhibitors in Mice.

The Influence of α -Tocopherol on Serum Biochemical Markers During Experimentally Induced Pleuritis in Rats Exposed to Dioxin.

NAD(+) loss, a new player in AhR biology: prevention of thymus atrophy and hepatosteatosis by NAD(+) repletion.

A bio-chemical application of N-GQDs and g-C(3)N(4) QDs sensitized TiO(2) nanopillars for the quantitative detection of pcDNA3-HBV.

Oral administration of trace element magnesium significantly improving the cognition and locomotion in hepatic encephalopathy rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces hepatic stellate cell (HSC) activation and liver fibrosis in C57BL6 mouse via activating Akt and NF- κ B signaling pathways.

Suppressed erythropoietin expression in a nitrofen-induced congenital diaphragmatic hernia.

Lipidomic Evaluation of Aryl Hydrocarbon Receptor-Mediated Hepatic Steatosis in Male and Female Mice Elicited by 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Convergence of hepcidin deficiency, systemic iron overloading, heme accumulation, and REV-ERB α/β activation in aryl hydrocarbon receptor-elicited hepatotoxicity.

Cost-effectiveness analysis of ultrasonography screening for nonalcoholic fatty liver disease in metabolic syndrome patients.

1,2-Dichloroethane impairs glucose and lipid homeostasis in the livers of NIH Swiss mice.

Inhibition of Kupffer cell functions modulates arsenic intoxication in Wistar rats.

Strain differences in arsenic-induced oxidative lesion via arsenic biomethylation between C57BL/6J and 129X1/SvJ mice.

Targeted mitochondrial uncoupling beyond UCP1 - The fine line between death and metabolic health.

Chronic Exposure to Low Doses of Dioxin Promotes Liver Fibrosis Development in the C57BL/6J Diet-Induced Obesity Mouse Model.

Amelioration of arsenic-induced toxic effects in mice by dietary supplementation of Syzygium cumini leaf extract.

Arsenite in drinking water produces glucose intolerance in pregnant rats and their female offspring.

An iron-deficient diet during development induces oxidative stress in relation to age and gender in Wistar rats.

CCL2 is Upregulated by Decreased miR-122 Expression in Iron-Overload-Induced Hepatic Inflammation.

2,3,7,8 Tetrachlorodibenzo-p-dioxin-induced RNA abundance changes identify Akr3, Col18a1, Cyb5a and Glud1 as candidate mediators of toxicity.

Dibenzo[def,p]chrysene transplacental carcinogenesis in wild-type, Cyp1b1 knockout, and CYP1B1 humanized mice.

Ion Imbalance Is Involved in the Mechanisms of Liver Oxidative Damage in Rats Exposed to Glyphosate.

Caffeine - rich infusion from *Cola nitida* (kola nut) inhibits major carbohydrate catabolic enzymes; abates redox imbalance; and modulates oxidative dysregulated metabolic pathways and metabolites in Fe(2+)-induced hepatic toxicity.

Hexachlorobenzene as a persistent organic pollutant: Toxicity and molecular mechanism of action.

Purification of camel liver catalase by zinc chelate affinity chromatography and pH gradient elution: An enzyme with interesting properties.

Hepatotoxicity and Drug/Chemical Interaction Toxicity of Nanoclay Particles in Mice.

Fertility enhancing activity and toxicity profile of aqueous extract of *Chasmanthera dependens* roots in male rats.

Induction of cytochrome P450 mRNA in porcine primary hepatocytes cultured under serum free conditions: Comparison of freshly isolated cells and cryopreserved.

Toxic effects of polybrominated diphenyl ethers (BDE 47 and 99) and localization of BDE-99-induced cyp1a mRNA in zebrafish larvae.

The protective effect of hydroalcoholic extract of Ginger (*Zingiber officinale* Rosc.) against iron-induced functional and histological damages in rat liver and kidney.

Synergistic antimutagenic effect of isothiocyanates against varied mutagens.

All-Trans Retinoic Acid Ameliorates Arsenic-Induced Oxidative Stress and Apoptosis in the Rat Uterus by Modulating MAPK Signaling Proteins.

Effect of Cyanide on Mitochondrial Membrane Depolarization Induced by Uncouplers.

Novel Pathways of Ponatinib Disposition Catalyzed By CYP1A1 Involving Generation of Potentially Toxic Metabolites.

Dioxin-like activity of brominated dioxins as individual compounds or mixtures in in vitro reporter gene assays with rat and mouse hepatoma cell lines.

Effect of arsenic acid withdrawal on hepatotoxicity and disruption of erythrocyte antioxidant defense system.

Development of suspect and non-target screening methods for detection of organic contaminants in highway runoff and fish tissue with high-resolution time-of-flight mass spectrometry.

Loss of liver-specific and sexually dimorphic gene expression by aryl hydrocarbon receptor activation in C57BL/6 mice.

Protective efficacy of various carbonyl compounds and their metabolites, and nutrients against acute toxicity of some cyanogens in rats: biochemical and physiological studies.

Acute toxicity of commercial atrazine in *Piaractus mesopotamicus*: Histopathological, ultrastructural, molecular, and genotoxic evaluation.

Electrozymographic evaluation of the attenuation of arsenic induced degradation of hepatic SOD, catalase in an in vitro assay system by pectic polysaccharides of *Momordica charantia* in combination with curcumin.

Incidence and pathological study of *Explanatum explanatum* (Creplin, 1847) Fukui, 1929 in goats in Andhra Pradesh, India.

Epigenetic Regulation by Agonist-Specific Aryl Hydrocarbon Receptor Recruitment of Metastasis-Associated Protein 2 Selectively Induces Stanniocalcin 2 Expression.

The endocrine disrupting alkylphenols and 4,4'-DDT interfere with estrogen conversion and clearance by mouse liver cytosol.

Tissue-specific distributions of inorganic arsenic and its methylated metabolites, especially in cerebral cortex, cerebellum and hippocampus of mice after a single oral administration of arsenite.

Polychlorinated biphenyls disrupt hepatic epidermal growth factor receptor signaling.

Activation of the aryl hydrocarbon receptor decreases rifampicin-induced CYP3A4 expression in primary human hepatocytes and HepaRG.

Arsenic exposure impels CD4 commitment in thymus and suppress T cell cytokine secretion by increasing regulatory T cells.

Predictors of acute kidney injury after paraquat intoxication.

Fructose-1,6-bisphosphate reverts iron-induced phenotype of hepatic stellate cells by chelating ferrous ions.

The water soluble axially disubstituted silicon phthalocyanines: photophysical properties and in vitro studies.

Catalase increases ethanol oxidation through the purine catabolism in rat liver.

Accumulation of Arsenic Speciation and In Vivo Toxicity Following Oral Administration of a Chinese Patent Medicine Xiao-Er-Zhi-Bao-Wan in Rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-elicited effects on bile acid homeostasis: Alterations in biosynthesis, enterohepatic circulation, and microbial metabolism.

The Association of Combined GSTM1 and CYP2C9 Genotype Status with the Occurrence of Hemorrhagic Cystitis in Pediatric Patients Receiving Myeloablative Conditioning Regimen Prior to Allogeneic Hematopoietic Stem Cell Transplantation.

Hepatoprotective Role of *Hydrangea macrophylla* against Sodium Arsenite-Induced Mitochondrial-Dependent Oxidative Stress via the Inhibition of MAPK/Caspase-3 Pathways.

Ameliorative effect of vitamin E and selenium against oxidative stress induced by sodium azide in liver, kidney, testis and heart of male mice.

Toxicological characterisation of two novel selective aryl hydrocarbon receptor modulators in Sprague-Dawley rats.

Activated thyroid hormone receptor modulates dioxin-inducible aryl hydrocarbon receptor-mediated CYP1A1 induction in human hepatocytes but not in human hepatocarcinoma HepG2 cells.

Histopathological changes in zebrafish embryos exposed to DLPCBs extract from Zhanjiang coastal sediment.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-mediated deregulation of myeloid and sebaceous gland stem/progenitor cell homeostasis.

Expression of advanced glycation end-products and NF κ B in chick embryos exposed to dioxins and treated with acetylsalicylic acid and α -tocopherol.

New insights into the role of spermine in enhancing the antioxidant capacity of rat spleen and liver under oxidative stress.

Characterization of E-NTPDase (EC 3.6.1.5) activity in hepatic lymphocytes: A different activity profile from peripheral lymphocytes.

Pharmacodynamics of S-dimethylarsino-glutathione, a putative metabolic intermediate of inorganic arsenic, in mice.

Antioxidant effects of aqueous extract of Salep on Paraquat-induced rat liver injury.

Beyond the Aryl Hydrocarbon Receptor: Pathway Interactions in the Hepatotoxicity of 2,3,7,8-Tetrachlorodibenzo-p-dioxin and Related Compounds.

Non-dioxin-like organic toxicant PCB153 modulates sphingolipid metabolism in liver progenitor cells: its role in Cx43-formed gap junction impairment.

Ethnopharmacological based Evaluation of *Anogeissus pendula* Edgew Extracts for Antioxidant and Hepatoprotective Potential.

Benefits of Alcohol on Arsenic Toxicity in Rats.

Methanol Extract of *Adansonia digitata* Leaf Protects Against Sodium Arsenite-induced Toxicities in Male Wistar Rats.

Feeble Antipyretic, Analgesic, and Anti-inflammatory Activities were Found with Regular Dose 4'-O- β -D-Glucosyl-5-O-Methylvisamminol, One of the Conventional Marker Compounds for Quality Evaluation of *Radix Saposhnikovia*.

Secondary Hemochromatosis due to Chronic Oral Iron Supplementation.

Hepatoprotective and antioxidant effects of dietary *Glycyrrhiza* polysaccharide against TCDD-induced hepatic injury and RT-PCR quantification of AHR2, ARNT2, CYP1A mRNA in Jian Carp (*Cyprinus carpio* var. Jian).

Novel roles for AhR and ARNT in the regulation of alcohol dehydrogenases in human hepatic cells.

[Dose-effect relationship between vitamin C and paraquat poisoning rats].

A novel mechanism underlies atrazine toxicity in quails (*Coturnix Coturnix coturnix*): triggering ionic disorder via disruption of ATPases.

The sublethal effects of (2,4-Dichlorophenoxy) acetic acid (2,4-D) on narrow-clawed crayfish (*Astacus leptodactylus* Eschscholtz, 1823).

Effect of single and combination of three triazine metabolites at environmental concentrations on early life stages of common carp (*Cyprinus carpio* L.).

PPAR α -dependent cholesterol/testosterone disruption in Leydig cells mediates 2,4-dichlorophenoxyacetic acid-induced testicular toxicity in mice.

Examination of in vivo mutagenicity of sodium arsenite and dimethylarsinic acid in gpt delta rats.

Effects of alkylphenols on the biotransformation of diuron and enzymes involved in the synthesis and clearance of sex steroids in juvenile male tilapia (*Oreochromis mossambica*).

Metabolomics as read-across tool: A case study with phenoxy herbicides.

Health effect of agricultural pesticide use in China: implications for the development of GM crops.

The receptor for activated C kinase 1 (RACK1) functions in hematopoiesis through JNK activation in Chinese mitten crab *Eriocheir sinensis*.

Continued Studies on the Effects of Simazine on the Liver Histological Structure and Metamorphosis in the Developing *Xenopus laevis*.

Roundup(®) in Zebrafish: Effects on Oxidative Status and Gene Expression.

Effects of terbuthylazine-desethyl, a terbuthylazine degradation product, on red swamp crayfish (*Procambarus clarkii*).

Glyphosate (Pesticides).

Gene expression profiles in testis of developing male *Xenopus laevis* damaged by chronic exposure of atrazine.

Acrolein enhances epigenetic modifications, FasL expression and hepatocyte toxicity induced by anti-HIV drug Zidovudine.

Response of selenium-dependent glutathione peroxidase in the freshwater bivalve *Anodonta woodiana* exposed to 2,4-dichlorophenol, 2,4,6-trichlorophenol and pentachlorophenol.

Assessment of oxidative stress responses and the cytotoxic and genotoxic potential of the herbicide tembotrione in HepG2 cells.

The Protective Role of Thiourea on *Leuciscus cephalus* Exposed to Sublethal Doses of Pendigan 330EC (Pendimethalin) Herbicide.

Dig1 protects against locomotor and biochemical dysfunctions provoked by Roundup.

The herbicide glyphosate is a weak inhibitor of acetylcholinesterase in rats.

Prognosis and survival analysis of paraquat poisoned patients based on improved HPLC-UV method.

Effects of pentachlorophenol on the detoxification system in white-rumped munia (*Lonchura striata*).

Impacts of 2,4-dichlorophenoxyacetic acid aquatic herbicide formulations on reproduction and development of the fathead minnow (*Pimephales promelas*).

Effects of glyphosate on hepatic tissue evaluating melanomacrophages and erythrocytes responses in neotropical anuran *Leptodactylus latinasus*.

Evaluation of the toxic effect of the herbicide 2, 4-D on rat hepatocytes: an FT-IR spectroscopic study.

Acute paraquat exposure determines dose-dependent oxidative injury of multiple organs and metabolic dysfunction in rats: impact on exercise tolerance.

Hepatic effects of the clomazone herbicide in both its free form and associated with chitosan-alginate nanoparticles in bullfrog tadpoles.

Lycopene protects against atrazine-induced hepatotoxicity through modifications of cytochrome P450 enzyme system in microsomes.

Exposure to different glyphosate formulations on the oxidative and histological status of *Rhamdia quelen*.

Atrazine exposure causes mitochondrial toxicity in liver and muscle cell lines.

Constitutive active/androstane receptor, peroxisome proliferator-activated receptor $\hat{\pm}$, and cytotoxicity are involved in oxadiazon-induced liver tumor development in mice.

Effects of diphenyl diselenide on growth, oxidative damage, and antioxidant response in silver catfish.

Multiple biomarker responses in *Prochilodus lineatus* subjected to short-term in situ exposure to streams from agricultural areas in Southern Brazil.

A multicenter retrospective survey of poisoning after ingestion of herbicides containing glyphosate potassium salt or other glyphosate salts in Japan.

Lycopene protects against atrazine-induced hepatic ionic homeostasis disturbance by modulating ion-transporting ATPases.

Toxicity of atrazine, glyphosate, and quinclorac in bullfrog tadpoles exposed to concentrations below legal limits.

New water-soluble palladium(II) complexes of lidocaine and phenylcyanamide derivative ligands: cytotoxicity and cellular response mechanisms.

Albumin Cys34 adducted by acrolein as a marker of oxidative stress in ischemia-reperfusion injury during hepatectomy.

Discovery of a novel anti-cancer agent targeting both topoisomerase I and II in hepatocellular carcinoma Hep 3B cells in vitro and in vivo: *Cinnamomum verum* component 2-methoxycinnamaldehyde.

Roles of catalase and glutathione peroxidase in the tolerance of a pulmonate gastropod to anoxia and reoxygenation.

Cinnamaldehydes in Cancer Chemotherapy.

Discovery of a novel anticancer agent with both anti-topoisomerase I and II activities in hepatocellular carcinoma SK-Hep-1 cells in vitro and in vivo: Cinnamomum verum component 2-methoxycinnamaldehyde.

Polymorphic variants of MRP4/ABCC4 differentially modulate the transport of methylated arsenic metabolites and physiological organic anions.

Metabolism and Bioactivation of Fluorochloridone, a Novel Selective Herbicide, in Vivo and in Vitro.

Dietary arginine and N-carbamylglutamate supplementation enhances the antioxidant statuses of the liver and plasma against oxidative stress in rats.

PBPK Model for Atrazine and Its Chlorotriazine Metabolites in Rat and Human.

Boule gene expression underpins the meiotic arrest in spermatogenesis in male rainbow trout (*Oncorhynchus mykiss*) exposed to DEHP and butachlor.

Estrogen receptor- α and aryl hydrocarbon receptor involvement in the actions of botanical estrogens in target cells.

Pomegranate protects against arsenic-induced p53-dependent ROS-mediated inflammation and apoptosis in liver cells.

From the Cover: Coagulation-Driven Hepatic Fibrosis Requires Protease Activated Receptor-1 (PAR-1) in a Mouse Model of TCDD-Elicited Steatohepatitis.

Dose-Dependent Metabolic Reprogramming and Differential Gene Expression in TCDD-Elicited Hepatic Fibrosis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) increases necroinflammation and hepatic stellate cell activation but does not exacerbate experimental liver fibrosis in mice.

Phase I and pharmacokinetic evaluation of the anti-telomerase agent KML-001 with cisplatin in advanced solid tumors.

A comparison of biomarker responses in juvenile diploid and triploid African catfish, *Clarias gariepinus*, exposed to the pesticide butachlor.

Is hepatic oxidative stress a main driver of dietary selenium toxicity in white sturgeon (*Acipenser transmontanus*)?

Organochlorine contaminants in the muscle, liver and brain of seabirds (*Larus*) from the coastal area of the Southern Baltic.

N-acetylcysteine and meso-2,3-dimercaptosuccinic acid alleviate oxidative stress and hepatic dysfunction induced by sodium arsenite in male rats.

Arsenite inhibits the function of CD133(+) CD13(+) liver cancer stem cells by reducing PML and Oct4 protein expression.

Decreased expression of hepatocyte growth factor in the nitrofen model of congenital diaphragmatic hernia.

Attenuative role of mangiferin in oxidative stress-mediated liver dysfunction in arsenic-intoxicated murines.

Chronic Arsenic Exposure-Induced Oxidative Stress is Mediated by Decreased Mitochondrial Biogenesis in Rat Liver.

TCDD modulation of gut microbiome correlated with liver and immune toxicity in streptozotocin (STZ)-induced hyperglycemic mice.

Bioanalytical effect-balance model to determine the bioavailability of organic contaminants in sediments affected by black and natural carbon.

Effects of Fe-YM1504 on iron deficiency anemia in rats.

METABOLIC DYSBIOSIS OF THE GUT MICROBIOTA AND ITS BIOMARKERS.

Dioxin-like pollutants increase hepatic flavin containing monooxygenase (FMO3) expression to promote synthesis of the pro-atherogenic nutrient biomarker trimethylamine N-oxide from dietary precursors.

Involvement of Mouse Constitutive Androstane Receptor in Acifluorfen-Induced Liver Injury and Subsequent Tumor Development.

Aryl hydrocarbon receptor knockout rats are insensitive to the pathological effects of repeated oral exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

New insights into BaP-induced toxicity: role of major metabolites in transcriptomics and contribution to hepatocarcinogenesis.

Definite hereditary hemorrhagic telangiectasia in a 60-year-old black Kenyan woman: a case report.

C-Terminal Amino Acids 471-507 of Avian Hepatitis E Virus Capsid Protein Are Crucial for Binding to Avian and Human Cells.

Public health and international drug policy.

Use of microbial fuel cells to monitor current production in Qi-deficient liver cells.

Comparative experimental investigation on the efficacy of mono- and multiprobiotic strains in non-alcoholic fatty liver disease prevention.

Untargeted plasma and tissue metabolomics in rats with chronic kidney disease given AST-120.

Evaluation of Safety of Iron-Fortified Soybean Sprouts, a Potential Component of Functional Food, in Rat.

Effects of in Utero Exposure to Arsenic during the Second Half of Gestation on Reproductive End Points and Metabolic Parameters in Female CD-1 Mice.

5-Aminolevulinic acid combined with ferrous iron ameliorate ischemia-reperfusion injury in the mouse fatty liver model.

Metformin Scavenges Methylglyoxal To Form a Novel Imidazolinone Metabolite in Humans.

Expression of hepatic lipid droplets is decreased in the nitrofen model of congenital diaphragmatic hernia.

Effects of a Tripeptide Iron on Iron-Deficiency Anemia in Rats.

Endoplasmic reticulum stress is involved in 2,4-dichlorophenol-induced hepatotoxicity.

Oligonol Ameliorates CCl₄-Induced Liver Injury in Rats via the NF-Kappa B and MAPK Signaling Pathways.

Tetrachlorobenzoquinone exhibits neurotoxicity by inducing inflammatory responses through ROS-mediated IKK/Î²B/NF-Î²B signaling.

Molecular imaging of aurora kinase A (AURKA) expression: Synthesis and preclinical evaluation of radiolabeled alisertib (MLN8237).

PCB126-Induced Disruption in Gluconeogenesis and Fatty Acid Oxidation Precedes Fatty Liver in Male Rats.

Delayed cognitive and psychiatric symptoms following methyl iodide and manganese poisoning: Potential for misdiagnosis.

Protective Effects of Combined Selenium and Punica granatum Treatment on Some Inflammatory and Oxidative Stress Markers in Arsenic-Induced Hepatotoxicity in Rats.

Olive oil and its phenolic compounds (hydroxytyrosol and tyrosol) ameliorated TCDD-induced hepatotoxicity in rats via inhibition of oxidative stress and apoptosis.

Oxidative stress-related liver dysfunction by sodium arsenite: Alleviation by Pistacia lentiscus oil.

Concentration and congener pattern of polychlorinated biphenyls in blubber and liver of Hubbs' beaked whale (*Mesoplodon carlhubbsi*), using a sulfoxide and an Ag-ION solid phase extraction cartridge as a simplified cleanup technique for biological samples.

A high fat diet does not affect the iron bioavailability in Wistar rats fed with chia and increases gene expression of iron metabolism proteins.

Single Heteroatom Substitutions in the Efavirenz Oxazinone Ring Impact Metabolism by CYP2B6.

Integrins and heparan sulfate proteoglycans on hepatic stellate cells (HSC) are novel receptors for HSC-derived exosomes.

In vitro mutagenic, antimutagenic, and antioxidant activities evaluation and biotransformation of some bioactive 4-substituted 1-(2-methoxyphenyl)piperazine derivatives.

The comparative effects of diethyldithiocarbamate-copper complex with established proteasome inhibitors on expression levels of CYP1A2/3A4 and their master regulators, aryl hydrocarbon and pregnane X receptor in primary cultures of human hepatocytes.

Toxicological characterisation of a thio-arsenosugar-glycerol in human cells.

Person-centered older military veteran care when there are consequences.

Comparative liver accumulation of dioxin-like compounds in sheep and cattle: Possible role of AhR-mediated xenobiotic metabolizing enzymes.

Global metabolic changes induced by plant-derived pyrrolizidine alkaloids following a human poisoning outbreak and in a mouse model.

Protective Effects of Essential Oils as Natural Antioxidants against Hepatotoxicity Induced by Cyclophosphamide in Mice.

Attesting the efficiency of monitored natural attenuation in the detoxification of sewage sludge by means of genotoxic and mutagenic bioassays.

Effect of pyrolysis temperature on potential toxicity of biochar if applied to the environment.

Comparative risk assessment of tobacco smoke constituents using the margin of exposure approach: the neglected contribution of nicotine.

Dioxin induces Ahr-dependent robust DNA demethylation of the Cyp1a1 promoter via Tdg in the mouse liver.

Mechanisms of Action Point Towards Combined PBDE/NDL-PCB Risk Assessment.

In vitro toxicity of reuterin, a potential food biopreservative.

Diminished Phosphorylation of CREB Is a Key Event in the Dysregulation of Gluconeogenesis and Glycogenolysis in PCB126 Hepatotoxicity.

Acrolein, a New Villain in the Development of Alcoholic Liver Disease.

Acrolein Is a Pathogenic Mediator of Alcoholic Liver Disease and the Scavenger Hydralazine Is Protective in Mice.

Urinary Metabotyping of Hepatocellular Carcinoma in a UK Cohort Using Proton Nuclear Magnetic Resonance Spectroscopy.

Glyphosate rodent carcinogenicity bioassay expert panel review.

Specific carotenoid pigments in the diet and a bit of oxidative stress in the recipe for producing red carotenoid-based signals.

Toxicogenomic applications of Chinese rare minnow (*Gobiocypris rarus*) in aquatic toxicology.

Data on AHR-dependent changes in the mitochondrial proteome in response to ,3,7,8-tetrachlorodibenzo-p-dioxin.

Data of enzymatic activities of the electron transport chain and ATP synthase complexes in mouse hepatoma cells following exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Molecular impacts of perfluorinated chemicals (PFASs) in the liver and testis of male largemouth bass (*Micropterus salmoides*) in Minnesota Lakes.

BDE-99, but not BDE-47, is a transient aryl hydrocarbon receptor agonist in zebrafish liver cells.

The role of AHR-inducible cytochrome P450s in metabolism of polyunsaturated fatty acids.

Investigation of salicylate hepatic responses in comparison with chemical analogues of the drug.

Mitochondrial-targeted aryl hydrocarbon receptor and the impact of 2,3,7,8-tetrachlorodibenzo-p-dioxin on cellular respiration and the mitochondrial proteome.

In vitro toxicity assessment of sediment samples from Huangpu River and Suzhou River, Shanghai, China.

Hepatic Aryl Hydrocarbon Receptor Attenuates Fibroblast Growth Factor 21 Expression.

Multi-tissue metabolic responses of goldfish (*Carassius auratus*) exposed to glyphosate-based herbicide.

Toxic effects of glyphosate-based herbicide, Excel Mera 71 on gill, liver, and kidney of *Heteropneustes fossilis* under laboratory and field conditions.

Alteration of human hepatic drug transporter activity and expression by cigarette smoke condensate.

Chemopreventive Agents Attenuate Rapid Inhibition of Gap Junctional Intercellular Communication Induced by Environmental Toxicants.

Boron influences immune and antioxidant responses by modulating hepatic superoxide dismutase activity under calcium deficit abiotic stress in Wistar rats.

Oleuropein ameliorates arsenic induced oxidative stress in mice.

Effect of retinyl acetate on transglutaminase 2 activity in carcinogen treated rat liver.

Transgenic Overexpression of Aryl Hydrocarbon Receptor Repressor (AhRR) and AhR-Mediated Induction of CYP1A1, Cytokines, and Acute Toxicity.

Age-Specific Regulation of Drug-Processing Genes in Mouse Liver by Ligands of Xenobiotic-Sensing Transcription Factors.

MicroRNA-21 activation of ERK signaling via PTEN is involved in arsenite-induced autophagy in human hepatic L-02 cells.

Is exposure to Agent Orange a risk factor for hepatocellular cancer?-A single-center retrospective study in the U.S. veteran population.

Data supporting the involvement of the adenine nucleotide translocase conformation in opening the TI(+)-induced permeability transition pore in Ca(2+)-loaded rat liver mitochondria.

Dioxins, DL-PCB and NDL-PCB accumulation profiles in livers from sheep and cattle reared in North-western Italy.

Ameliorative effects of docosahexaenoic acid on the toxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in cultured rat hepatocytes.

A Microfabricated Platform for Generating Physiologically-Relevant Hepatocyte Zonation.

Impact of dioxins on antipyrine metabolism in firefighters.

Skatole (3-Methylindole) Is a Partial Aryl Hydrocarbon Receptor Agonist and Induces CYP1A1/2 and CYP1B1 Expression in Primary Human Hepatocytes.

Synthesis and Preclinical Evaluation of ¹¹C-UCB-J as a PET Tracer for Imaging the Synaptic Vesicle Glycoprotein 2A in the Brain.

Anti-inflammatory Montelukast prevents toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin: Oxidative stress, histological alterations in liver, and serum cytokine levels.

Treatment of Resistant Cyclophosphamide Induced Haemorrhagic Cystitis: Review of Literature and Three Case Reports.

To involvement the conformation of the adenine nucleotide translocase in opening the TI(+)-induced permeability transition pore in Ca²⁺-loaded rat liver mitochondria.

TCDD-inducible poly-ADP-ribose polymerase (TIPARP/PARP7) mono-ADP-ribosylates and co-activates liver X receptors.

Responses of antioxidant defense system to polyfluorinated dibenzo-p-dioxins (PFDDs) exposure in liver of freshwater fish *Carassius auratus*.

Use of a Novel Double-Crested Cormorant ToxCip PCR Array and the EROD Assay to Determine Effects of Environmental Contaminants in Primary Hepatocytes.

Attenuation of hepatotoxicity and oxidative stress in diabetes STZ-induced type 1 by biotin in Swiss albino mice.

A urinary metabolomics analysis of long-term effect of acetochlor exposure on rats by ultra-performance liquid chromatography/mass spectrometry.

Proton-Coupled Organic Cation Antiporter Contributes to the Hepatic Uptake of Matrine.

Sunlight Irradiation of Highly Brominated Polyphenyl Ethers Generates Polybenzofuran Products That Alter Dioxin-responsive mRNA Expression in Chicken Hepatocytes.

Inhibition of ATP synthesis by fenbufen and its conjugated metabolites in rat liver mitochondria.

The olive leaf extract oleuropein exerts protective effects against oxidant-induced cell death, concurrently displaying pro-oxidant activity in human hepatocarcinoma cells.

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) increases human hepatic stellate cell activation.

Paraquat Poisoning: A Case Report.

Novel human hepatic organoid model enables testing of drug-induced liver fibrosis *in vitro*.

Differential effects of metal ions on TCDD-induced cytotoxicity and cytochrome P4501A1 gene expression in a zebrafish liver (ZFL) cell-line.

Pyruvate Kinase Isoform Switching and Hepatic Metabolic Reprogramming by the Environmental Contaminant 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Multistress effects on goldfish (*Carassius auratus*) behavior and metabolism.

Protective Effects of Zinc Against Acute Arsenic Toxicity by Regulating Antioxidant Defense System and Cumulative Metallothionein Expression.

Pure non-dioxin-like PCB congeners suppress induction of AhR-dependent endpoints in rat liver cells.

Paraoxonase 1 activity in subchronic low-level inorganic arsenic exposure through drinking water.

Evaluation and identification of dioxin exposure biomarkers in human urine by high-resolution metabolomics, multivariate analysis and in vitro synthesis.

Use of extracorporeal removal techniques in patients with paraquat toxicity and unknown hepatitis viral marker status.

Toward understanding the impacts of sediment contamination on a native fish species: transcriptional effects, EROD activity, and biliary PAH metabolites.

Aryl Hydrocarbon Receptor Activation by TCDD Modulates Expression of Extracellular Matrix Remodeling Genes during Experimental Liver Fibrosis.

Effects of Antioxidant N-acetylcysteine Against Paraquat-Induced Oxidative Stress in Vital Tissues of Mice.

Metallothionein's role in PCB126 induced hepatotoxicity and hepatic micronutrient disruption.

A Study of 2,3,7,8-Tetrachlorodibenzo-p-dioxin Induced Liver Injury in Jian Carp (*Cyprinus carpio* var. Jian) Using Precision-Cut Liver Slices.

Methylation of inorganic arsenic by murine fetal tissue explants.

Gene Expression Patterns Associated With Histopathology in Toxic Liver Fibrosis.

Artificial sweetener neohesperidin dihydrochalcone showed antioxidative, anti-inflammatory and anti-apoptosis effects against paraquat-induced liver injury in mice.

Histopathological and ultramicroscopical changes in gill, liver and kidney of *Anabas testudineus* (Bloch) after chronic intoxication of almix (metsulfuron methyl 10.1%+chlorimuron ethyl 10.1%) herbicide.

Cancer incidence and metolachlor use in the Agricultural Health Study: An update.

Oral exposure of pubertal male mice to endocrine-disrupting chemicals alters fat metabolism in adult livers.

Correlations of Gut Microbial Community Shift with Hepatic Damage and Growth Inhibition of *Carassius auratus* Induced by Pentachlorophenol Exposure.

Toxicological evaluation of ametryn effects in Wistar rats.

Potential toxic effects of glyphosate and its commercial formulations below regulatory limits.

Environmental pollutants parathion, paraquat and bisphenol A show distinct effects towards nuclear receptors-mediated induction of xenobiotics-metabolizing cytochromes P450 in human hepatocytes.

Molecular characterization of heat-shock protein 90 gene and its expression in *Gobiocypris rarus* juveniles exposed to pentachlorophenol.

Cytotoxicity of the association of pesticides Roundup Transorb[®] and Furadan 350 SC[®] on the zebrafish cell line, ZF-L.

[The prevention and therapeutics effect of sodium bicarbonate with gastric lavage, atomization inhalation and intravenous injection on the patients with paraquat poisoning and pulmonary fibrosis induced by paraquat poisoning].

Methylene blue attenuates acute liver injury induced by paraquat in rats.

Energy reserves mobilization in the yellow eel as herbicide exposure effect.

Roundup[®] exposure promotes gills and liver impairments, DNA damage and inhibition of brain cholinergic activity in the Amazon teleost fish *Colossoma macropomum*.

Transcriptome profile analysis reflects rat liver and kidney damage following chronic ultra-low dose Roundup exposure.

Toxicity of environmental Gesagard to goldfish may be connected with induction of low intensity oxidative stress in concentration- and tissue-related manners.

Altered levels of endocrine biomarkers in juvenile barramundi (*Lates calcarifer*; Bloch) following exposure to commercial herbicide and surfactant formulations.

Pneumomediastinum predicts early mortality in acute paraquat poisoning.

Hepatotoxicity of herbicide Sencor in goldfish may result from induction of mild oxidative stress.

Pronamide: Weight of evidence for potential estrogen, androgen or thyroid effects.

Pronamide: Human relevance of liver-mediated rat leydig cell tumors.

Alteration in the cytokine levels and histopathological damage in common carp induced by glyphosate.

Integrated assessment of biomarker response in carp (*Cyprinus carpio*) and silver catfish (*Rhamdia quelen*) exposed to clomazone.

Effects of dietary supplementation with glutamate and aspartate on diquat-induced oxidative stress in piglets.

[Effect of rhubarb as the main composition of sequential treatment in patients with acute paraquat poisoning: a prospective clinical research].

Mode of action and human relevance of pronamide-induced rat thyroid tumors.

Safety assessment of potential food ingredients in canine hepatocytes.

Subcellular energy balance of *Odontesthes bonariensis* exposed to a glyphosate-based herbicide.

Proposal for novel metabolic pathway of highly toxic dimethylated arsenics accompanied by enzymatic sulfuration, desulfuration and oxidation.

Commercial formulation containing 2,4-D affects biochemical parameters and morphological indices of silver catfish exposed for 90 days.

Physiological and oxidative stress biomarkers in the freshwater monosex Nile tilapia, *Oreochromis niloticus* L., exposed to pendimethalin-based herbicide.

The herbicide linuron inhibits cholesterol biosynthesis and induces cellular stress responses in brown trout.

Atrazine levels in the Jaboticabal water stream (SÃ£o Paulo State, Brazil) and its toxicological effects on the pacu fish *Piaractus mesopotamicus*.

Atrazine and chlorpyrifos exposure induces liver autophagic response in common carp.

Molecular mechanisms of acrolein toxicity: relevance to human disease.

(1)H NMR based metabolomics approach to study the toxic effects of herbicide butachlor on goldfish (*Carassius auratus*).

Severe cholestasis and hepatic dysfunction in a case of fatal paraquat poisoning.

Hepatoprotective effect of *Matricaria chamomilla* L. in paraquat induced rat liver injury.

Global transcriptomic profiling demonstrates induction of oxidative stress and of compensatory cellular stress responses in brown trout exposed to glyphosate and Roundup.

Study of Cytotoxic Effects of Benzonitrile Pesticides.

Toxicity assessment of 2,4-D and MCPA herbicides in primary culture of fish hepatic cells.

Effects of glyphosate on juvenile rainbow trout (*Oncorhynchus mykiss*): transcriptional and enzymatic analyses of antioxidant defence system, histopathological liver damage and swimming performance.

Combined effects of repeated administration of Bretmont Wipeout (glyphosate) and Ultrazin (atrazine) on testosterone, oxidative stress and sperm quality of Wistar rats.

Transcription alteration of immunologic parameters and histopathological damage in common carp (*Cyprinus carpio* L.) caused by paraquat.

Oxidative stress and biochemical responses in the tissues of African catfish *Clarias gariepinus* juvenile following exposure to primextra herbicide.

Methylene blue, a potential therapeutic target for mitochondria dysfunction.

Aminotriazole alleviates acetaminophen poisoning via downregulating P450 2E1 and suppressing inflammation.

[The catalase inhibitor aminotriazole alleviates acute alcoholic liver injury].

The antisenescence effect of trans-cinnamaldehyde on adipose-derived stem cells.

Reduction of the Pentavalent Arsenical Dimethylarsinic Acid and the GSTO1 Substrate S-(4-Nitrophenacyl)glutathione by Rat Liver Cytosol: Analyzing the Role of GSTO1 in Arsenic Reduction.

Protection of HepG2 cells against acrolein toxicity by 2-cyano-3,12-dioxooleana-1,9-dien-28-imidazole via glutathione-mediated mechanism.

Steady-state metabolism of ethanol in perfused rat livers treated with cyanamide: quantitative analysis of acetaldehyde effects on the metabolic flux rates.

Acrolein impairs the cholesterol transport functions of high density lipoproteins.

The distribution in tissues and urine of arsenic metabolites after subchronic exposure to dimethylarsinic acid (DMAV) in rats.

Comparison on the fatty acid profiles of liver, subcutaneous fat and muscle from feedlot steers finished on diets supplemented with or without cinnamaldehyde or monensin.

Effects of toluene, acrolein and vinyl chloride on motor activity of *Drosophila melanogaster*.

Anti-androgen flutamide suppresses hepatocellular carcinoma cell proliferation via the aryl hydrocarbon receptor mediated induction of transforming growth factor- β 1.

Enhanced protective activity of nano formulated andrographolide against arsenic induced liver damage.

Progression of micronutrient alteration and hepatotoxicity following acute PCB126 exposure.

Ancestral TCDD exposure promotes epigenetic transgenerational inheritance of imprinted gene Igf2: Methylation status and DNMTs.

Assessment of global and gene-specific DNA methylation in rat liver and kidney in response to non-genotoxic carcinogen exposure.

2,3,7,8-Tetrachlorodibenzo-p-Dioxin Alters Lipid Metabolism and Depletes Immune Cell Populations in the Jejunum of C57BL/6 Mice.

Effects of co-exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin and polychlorinated biphenyls on nonalcoholic fatty liver disease in mice.

Development of a physiologically-based pharmacokinetic model of 2-phenoxyethanol and its metabolite phenoxyacetic acid in rats and humans to address toxicokinetic uncertainty in risk assessment.

Evaluating microRNA profiles reveals discriminative responses following genotoxic or non-genotoxic carcinogen exposure in primary mouse hepatocytes.

Development of Species-Specific Ah Receptor-Responsive Third Generation CALUX Cell Lines with Enhanced Responsiveness and Improved Detection Limits.

The adverse outcome pathway for rodent liver tumor promotion by sustained activation of the aryl hydrocarbon receptor.

Modulation of aryl hydrocarbon receptor-regulated enzymes by trimethylarsine oxide in C57BL/6 mice: In vivo and in vitro studies.

NADPH Oxidase-Mediated Superoxide Production by Intermediary Bacterial Metabolites of Dibenzofuran: A Potential Cause for Trans-Mitochondrial Membrane Potential ($\Delta\psi_m$) Collapse in Human Hepatoma Cells.

Ablation of XP-V gene causes adipose tissue senescence and metabolic abnormalities.

Persistent reduced oxygen requirement following blood transfusion during recovery from hemorrhagic shock.

The Role of Liver in Determining Serum Colon-Derived Uremic Solutes.

Fluorimetric screening assay for protein carbonyl evaluation in biological samples.

Loss of the Mono-ADP-ribosyltransferase, Tiparp, Increases Sensitivity to Dioxin-induced Steatohepatitis and Lethality.

Improved method for quantitative analysis of methylated phosphatidylethanolamine species and its application for analysis of diabetic-mouse liver samples.

The Transcriptional Effects of PCB118 and PCB153 on the Liver, Adipose Tissue, Muscle and Colon of Mice: Highlighting of Glut4 and Lipin1 as Main Target Genes for PCB Induced Metabolic Disorders.

Arsenic-induced dyslipidemia in male albino rats: comparison between trivalent and pentavalent inorganic arsenic in drinking water.

Activating and Inhibitory Functions of WNT/ β^2 -Catenin in the Induction of Cytochromes P450 by Nuclear Receptors in HepaRG Cells.

Activation of aryl hydrocarbon receptor dissociates fatty liver from insulin resistance by inducing fibroblast growth factor 21.

Identification of Environmental Chemicals Associated with the Development of Toxicant-associated Fatty Liver Disease in Rodents.

Effect of tocopherol on biochemical blood parameters in pleuritis-induced rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Omeprazole Inhibits Pancreatic Cancer Cell Invasion through a Nongenomic Aryl Hydrocarbon Receptor Pathway.

Ferrous sulfate, but not iron polymaltose complex, aggravates local and systemic inflammation and oxidative stress in dextran sodium sulfate-induced colitis in rats.

[Effect of Cynaropicrin on 2,3,4,7,8-Pentachlorodibenzofuran-induced Wasting Syndrome and Oxidative Stress].

Oligofructose protects against arsenic-induced liver injury in a model of environment/obesity interaction.

Effects of nanoparticle-encapsulated curcumin on arsenic-induced liver toxicity in rats.

Metabolic outcome of female mice exposed to a mixture of low-dose pollutants in a diet-induced obesity model.

Isolation and characterization of Cu/Zn-superoxide dismutase in *Fasciola gigantica*.

Development of a computational high-throughput tool for the quantitative examination of dose-dependent histological features.

Controlled-release mitochondrial protonophore reverses diabetes and steatohepatitis in rats.

Stability of the aryl hydrocarbon receptor and its regulated genes in the low activity variant of Hepa-1 cell line.

Serum metabolomics reveals that arsenic exposure disrupted lipid and amino acid metabolism in rats: a step forward in understanding chronic arsenic toxicity.

Estimation of a benchmark dose in the presence or absence of hormesis using posterior averaging.

Identification of modulators of the nuclear receptor peroxisome proliferator-activated receptor β (PPAR β) in a mouse liver gene expression compendium.

Effects of sodium arsenite on the some laboratory signs and therapeutic role of thymoquinone in the rats.

Lineage-dependent effects of aryl hydrocarbon receptor agonists contribute to liver tumorigenesis.

Shed syndecan-1 translocates to the nucleus of cells delivering growth factors and inhibiting histone acetylation: a novel mechanism of tumor-host cross-talk.

Dioxin-Produced Alteration in the Profiles of Fecal and Urinary Metabolomes: A Change in Bile Acids and Its Relevance to Toxicity.

In Vitro Protective Potentials of *Annona muricata* Leaf Extracts Against Sodium Arsenite-induced Toxicity.

Differential expression of CYP1A1 and CYP1A2 genes in H4IIE rat hepatoma cells exposed to TCDD and PAHs.

Decidual β -carotene-15,15'-oxygenase-1 and 2 (BCMO1,2) expression is increased in nitrofen model of congenital diaphragmatic hernia.

Growth Period Effects on the Protective Properties of Aloe vera Against t-BHP-Induced Oxidative Stress in Chang Cells.

Transcriptional regulation of human paraoxonase 1 by PXR and GR in human hepatoma cells.

Diamide accelerates opening of the TI(+)-induced permeability transition pore in Ca(2+)-loaded rat liver mitochondria.

World Health Organization estimates of the global and regional disease burden of four foodborne chemical toxins, 2010: a data synthesis.

Effects of iron-glycine chelate on growth, carcass characteristic, liver mineral concentrations and haematological and biochemical blood parameters in broilers.

BFCOD activity in fish cell lines and zebrafish embryos and its modulation by chemical ligands of human aryl hydrocarbon and nuclear receptors.

Synthesis, Molecular Structure, Metabolic Stability and QSAR Studies of a Novel Series of Anticancer N-Acylbenzenesulfonamides.

Hepatotoxicity, Nephrotoxicity and Oxidative Stress in Rat Testis Following Exposure to Haloxyfop-p-methyl Ester, an Aryloxyphenoxypropionate Herbicide.

The role of thioredoxin reductase and glutathione reductase in plumbagin-induced, reactive oxygen species-mediated apoptosis in cancer cell lines.

Screening a mouse liver gene expression compendium identifies modulators of the aryl hydrocarbon receptor (AhR).

Combination effects of nano-TiO₂ and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on biotransformation gene expression in the liver of European sea bass *Dicentrarchus labrax*.

Eicosapentaenoic acid prevents TCDD-induced oxidative stress and inflammatory response by modulating MAP kinases and redox-sensitive transcription factors.

Toxicogenetic effects of low concentrations of the pesticides imidacloprid and sulfentrazone individually and in combination in in vitro tests with HepG2 cells and *Salmonella typhimurium*.

Ameliorative effect of lycopene against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced rat liver microsomal toxicity: an in vitro study.

Hydroxyl metabolite of PCB 180 induces DNA damage signaling and enhances the DNA damaging effect of benzo[a]pyrene.

Synthesis and phototoxicity of isomeric 7,9-diglutathione pyrrole adducts: Formation of reactive oxygen species and induction of lipid peroxidation.

Two persistent organic pollutants which act through different xenosensors (alpha-endosulfan and 2,3,7,8 tetrachlorodibenzo-p-dioxin) interact in a mixture and downregulate multiple genes involved in human hepatocyte lipid and glucose metabolism.

Male and female mice show significant differences in hepatic transcriptomic response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The effects of drugs with immunosuppressive or immunomodulatory activities on xenobiotics-metabolizing enzymes expression in primary human hepatocytes.

Preliminary study on brominated dioxins/furans and hydroxylated/methoxylated PBDEs in Baltic cod (*Gadus morhua*) liver. Comparison to the levels of analogue chlorinated co-occurring pollutants.

Metabolomics Reveals that Aryl Hydrocarbon Receptor Activation by Environmental Chemicals Induces Systemic Metabolic Dysfunction in Mice.

The aryl hydrocarbon receptor-dependent disruption of contact inhibition in rat liver WB-F344 epithelial cells is linked with induction of survivin, but not with inhibition of apoptosis.

Comet assay evaluation of six chemicals of known genotoxic potential in rats.

Pharmacokinetic and Genomic Effects of Arsenite in Drinking Water on Mouse Lung in a 30-Day Exposure.

Mechanisms of Fatal Cardiotoxicity following High-Dose Cyclophosphamide Therapy and a Method for Its Prevention.

Toxicological and phytoprotective effect of *Keayodendron bridelioides* and *Monodora myristica* extracts in Wistar rats.

Closure of mitochondrial potassium channels favors opening of the Tl(+)-induced permeability transition pore in Ca(2+)-loaded rat liver mitochondria.

Characterization of arsenic hepatobiliary transport using sandwich-cultured human hepatocytes.

Phosphatidylcholine Specific PLC-Induced Dysregulation of Gap Junctions, a Robust Cellular Response to Environmental Toxicants, and Prevention by Resveratrol in a Rat Liver Cell Model.

Clinical features and prognosis of paraquat poisoning: a review of 41 cases.

RNA-Seq versus oligonucleotide array assessment of dose-dependent TCDD-elicited hepatic gene expression in mice.

Catechins in tea suppress the activity of cytochrome P450 1A1 through the aryl hydrocarbon receptor activation pathway in rat livers.

Sex-related differences in murine hepatic transcriptional and proteomic responses to TCDD.

2-Acetylcyclopentanone, an enolate-forming 1,3-dicarbonyl compound, is cytoprotective in warm ischemia-reperfusion injury of rat liver.

Suspected flunixin poisoning of a wild Eurasian Griffon Vulture from Spain.

Antioxidant compounds in the seaweed *Gelidiella acerosa* protects human Peripheral Blood Mononuclear Cells against TCDD induced toxicity.

Regulation of human hepatic drug transporter activity and expression by diesel exhaust particle extract.

Potency of polycyclic aromatic hydrocarbons (PAHs) for induction of ethoxyresorufin-O-deethylase (EROD) activity in hepatocyte cultures from chicken, Pekin duck, and greater scaup.

Arsenic responsive microRNAs in vivo and their potential involvement in arsenic-induced oxidative stress.

Alcohol induced alterations to the human fecal VOC metabolome.

Investigating the mutagenic effects of three commonly used pulpotomy agents using the ames test.

Accumulation of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in livers of young sheep.

The toxicity of sediments from Taihu Lake evaluated by several in vitro bioassays.

Regulation of pregnane-X-receptor, CYP3A and P-glycoprotein genes in the PCB-resistant killifish (*Fundulus heteroclitus*) population from New Bedford Harbor.

Aryl hydrocarbon receptor 2 mediates the toxicity of Paclitaxel on the digestive system of zebrafish embryos.

Comparing the effects of tetrabromobisphenol-A, bisphenol A, and their potential replacement alternatives, TBBPA-bis(2,3-dibromopropyl ether) and bisphenol S, on cell viability and messenger ribonucleic acid expression in chicken embryonic hepatocytes.

Paraquat Poisoning: Analysis of an Uncommon Cause of Fatal Poisoning from Manipal, South India.

[The Relationship of Obesity to the Character of Nutrition].

Different regulation of aryl hydrocarbon receptor-regulated genes in response to dioxin in undifferentiated and neuronally differentiated human neuroblastoma SH-SY5Y cells.

Naringin ameliorates sodium arsenite-induced renal and hepatic toxicity in rats: decisive role of KIM-1, Caspase-3, TGF- β 2, and TNF- α .

Modulation of aryl hydrocarbon receptor regulated genes by acute administration of trimethylarsine oxide in the lung, kidney and heart of C57BL/6 mice.

Chronic exposure to low-dose arsenic modulates lipogenic gene expression in mice.

Persistence and dioxin-like toxicity of carbazole and chlorocarbazoles in soil.

Modulatory role of Acacia honey from north-west Nigeria on sodium arsenite-induced clastogenicity and oxidative stress in male Wistar rats.

Diet with diphenyl diselenide mitigates quinclorac toxicity in silver catfish (*Rhamdia quelen*).

Agent Orange exposure and cancer incidence in Korean Vietnam veterans: a prospective cohort study.

[Comparative study of different methods of blood purification treatment of paraquat intoxication].

Metabolic and behavior changes in surubim acutely exposed to a glyphosate-based herbicide.

Progression of DNA damage induced by a glyphosate-based herbicide in fish (*Anguilla anguilla*) upon exposure and post-exposure periods--insights into the mechanisms of genotoxicity and DNA repair.

Characterization of nuclear receptor-mediated murine hepatocarcinogenesis of the herbicide pronamide and its human relevance.

Toxic effects of paraquat on cytokine expression in common carp, *Cyprinus carpio* L.

Effects of the surfactant polyoxyethylene amine (POEA) on genotoxic, biochemical and physiological parameters of the freshwater teleost *Prochilodus lineatus*.

Biochemical effects of glyphosate based herbicide, Excel Mera 71 on enzyme activities of acetylcholinesterase (AChE), lipid peroxidation (LPO), catalase (CAT), glutathione-S-transferase (GST) and protein content on teleostean fishes.

Cytotoxic effects of pentachlorophenol (PCP) and its metabolite tetrachlorohydroquinone (TCHQ) on liver cells are modulated by antioxidants.

Agent Orange exposure and disease prevalence in Korean Vietnam veterans: the Korean veterans health study.

Effects of the acute exposition to glyphosate-based herbicide on oxidative stress parameters and antioxidant responses in a hybrid Amazon fish surubim (*Pseudoplatystoma* sp).

Betanin attenuates paraquat-induced liver toxicity through a mitochondrial pathway.

Toxicity of the herbicide linuron as assessed by bacterial and mitochondrial model systems.

Effects of Sublethal Exposure to a Glyphosate-Based Herbicide Formulation on Metabolic Activities of Different Xenobiotic-Metabolizing Enzymes in Rats.

Effects of atrazine on endocrinology and physiology in juvenile barramundi, *Lates calcarifer* (Bloch).

Clinical characteristics of paraquat poisoning in 22 Chinese children.

[Early acute liver injury in paraquat poisoning rats].

Effects of glyphosate on growth rate, metabolic rate and energy reserves of early juvenile crayfish, *Cherax quadricarinatus* M.

Histopathological and estrogen effect of pentachlorophenol on the rare minnow (*Gobiocypris rarus*).

Fetotoxicity of 2,4-dichlorophenoxyacetic acid in rats and the protective role of vitamin E.

[Prognosis value of urine paraquat semi-quantitative in the patients with acute paraquat poisoning].

[Curcumin alleviated liver oxidative stress injury of rat induced by paraquat].

Herbicide clomazone effects on $\hat{\Gamma}$ -aminolevulinic acid activity and metabolic parameters in *Cyprinus carpio*.

Effect of atrazine, glyphosate and quinclorac on biochemical parameters, lipid peroxidation and survival in bullfrog tadpoles (*Lithobates catesbeianus*).

Chronic exposure of mice to environmental endocrine-disrupting chemicals disturbs their energy metabolism.

Tissue-specific induction of oxidative stress in goldfish by 2,4-dichlorophenoxyacetic acid: mild in brain and moderate in liver and kidney.

Exposure of mice to atrazine and its metabolite diaminochlorotriazine elicits oxidative stress and endocrine disruption.

Assessment of DNA damage, cytotoxicity, and apoptosis in human hepatoma (HepG2) cells after flurochloridone herbicide exposure.

Atrazine represses S100A4 gene expression and TPA-induced motility in HepG2 cells.

Cellular impact of combinations of endosulfan, atrazine, and chlorpyrifos on human primary hepatocytes and HepaRG cells after short and chronic exposures.

Acrolein, a highly toxic aldehyde generated under oxidative stress in vivo, aggravates the mouse liver damage after acetaminophen overdose.

The effect of subchronic metribuzin exposure to signal crayfish (*Pacifastacus leniusculus* Dana 1852).

Evaluation of metabolic enzymes in response to Excel Mera 71, a glyphosate-based herbicide, and recovery pattern in freshwater teleostean fishes.

[Oxidative stress and antioxidant therapy with alpha-lipoic acid inclusion in acute poisoning by herbicide based on 2,4-dichlorophenoxyacetic acid].

Effect of chronic exposure to prometryne on oxidative stress and antioxidant response in red swamp crayfish (*Procambarus clarkii*).

Development and application of a microwave-assisted extraction and LC/MS/MS methodology to the determination of antifouling booster biocides in sea mullets (*Mugil cephalus*) organisms.

Glyphosate commercial formulation causes cytotoxicity, oxidative effects, and apoptosis on human cells: differences with its active ingredient.

Hematological and histopathological changes in silver catfish *Rhamdia quelen* (Siluriformes) exposed to clomazone herbicide in the Madre River, Santa Catarina State, Southern Brazil.

Chronic exposure to pentachlorophenol alters thyroid hormones and thyroid hormone pathway mRNAs in zebrafish.

Agent Orange exposure and risk of death in Korean Vietnam veterans: Korean Veterans Health Study.

Suppression of sulfoconjugation reduces the protective effect of ortho-aminoazotoluene on hepatocarcinogenesis induced by diethylnitrosamine in mice.

Cinnamon extract improves insulin sensitivity in the brain and lowers liver fat in mouse models of obesity.

The impact of a specific blend of essential oil components and sodium butyrate in feed on growth performance and *Salmonella* counts in experimentally challenged broilers.

Synthesis, characterization, and preclinical evaluation of new thiazolidin-4-ones substituted with p-chlorophenoxy acetic acid and clofibrac acid against insulin resistance and metabolic disorder.

Enantioselective metabolism of the chiral herbicide diclofop-methyl and diclofop by HPLC in loach (*Misgurnus anguillicaudatus*) liver microsomes in vitro.

Human plasma concentrations of herbicidal carbamate molinate extrapolated from the pharmacokinetics established in in vivo experiments with chimeric mice with humanized liver and physiologically based pharmacokinetic modeling.

Metabolism and physiologically based pharmacokinetic modeling of flumioxazin in pregnant animals.

Effects of atrazine and chlorpyrifos on cytochrome P450 in common carp liver.

Comparison of speciated arsenic levels in the liver and brain of mice between arsenate and arsenite exposure at the early life.

Dietary essential oils improve the hepatic antioxidative status of broiler chickens.

Effects of in vivo chronic exposure to pendimethalin on EROD activity and antioxidant defenses in rainbow trout (*Oncorhynchus mykiss*).

p-Cresol affects reactive oxygen species generation, cell cycle arrest, cytotoxicity and inflammation/atherosclerosis-related modulators production in endothelial cells and mononuclear cells.

Bioaccumulation of arsenic species in rays from the northern Adriatic Sea.

Effect of iron supplementation on the expression of hypoxia-inducible factor and antioxidant status in rats exposed to high-altitude hypoxia environment.

A nanoparticulate ferritin-core mimetic is well taken up by HuTu 80 duodenal cells and its absorption in mice is regulated by body iron.

Genetic deletion of LXR \pm prevents arsenic-enhanced atherosclerosis, but not arsenic-altered plaque composition.

Potential involvement of chemicals in liver cancer progression: an alternative toxicological approach combining biomarkers and innovative technologies.

Dynamic changes in metabolic profiles of rats subchronically exposed to mequindox.

Dioxin-induced fetal growth retardation: the role of a preceding attenuation in the circulating level of glucocorticoid.

Fructo-oligosaccharides and iron bioavailability in anaemic rats: the effects on iron species distribution, ferroportin-1 expression, crypt bifurcation and crypt cell proliferation in the caecum.

An integrative risk assessment approach for persistent chemicals: a case study on dioxins, furans and dioxin-like PCBs in France.

Burn after feeding. An old uncoupler of oxidative phosphorylation is redesigned for the treatment of nonalcoholic fatty liver disease.

Inhibition of human drug-metabolising cytochrome P450 and UDP-glucuronosyltransferase enzyme activities in vitro by uremic toxins.

Toxicological profile of ultrapure 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180) in adult rats.

Gestational and lactational exposure to the polychlorinated biphenyl mixture Aroclor 1254 modulates retinoid homeostasis in rat offspring.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on hormones of energy balance in a TCDD-sensitive and a TCDD-resistant rat strain.

Responsiveness of hepatic and cerebral cytochrome P450 in rat offspring prenatally and lactationally exposed to a reconstituted PCB mixture.

Androgen receptor signaling in hepatocellular carcinoma and pancreatic cancers.

The chemical uncoupler 2,4-dinitrophenol (DNP) protects against diet-induced obesity and improves energy homeostasis in mice at thermoneutrality.

Liver tumor promotion by 2,3,7,8-tetrachlorodibenzo-p-dioxin is dependent on the aryl hydrocarbon receptor and TNF/IL-1 receptors.

Hepatoprotective and anticlastogenic effects of ethanol extract of *Irvingia gabonensis* (IG) leaves in sodium arsenite-induced toxicity in male Wistar rats.

Effects of acute dietary iron overload in pigs (*Sus scrofa*) with induced type 2 diabetes mellitus.

Tetrachlorobenzoquinone induces acute liver injury, up-regulates HO-1 and NQO1 expression in mice model: the protective role of chlorogenic acid.

Nanoencapsulation of DMSA monoester for better therapeutic efficacy of the chelating agent against arsenic toxicity.

Alcohol-induced autophagy contributes to loss in skeletal muscle mass.

Hepatoprotective activity of *Tephrosia purpurea* against arsenic induced toxicity in rats.

Comparison of intake and systemic relative effect potencies of dioxin-like compounds in female rats after a single oral dose.

Effect of uremic serum and uremic toxins on drug metabolism in human microsomes.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin modulates dysregulation of the lipid metabolism in mouse offspring fed a high-calorie diet.

Methylarsonous acid causes oxidative DNA damage in cells independent of the ability to biomethylate inorganic arsenic.

The aryl hydrocarbon receptor mediates raloxifene-induced apoptosis in estrogen receptor-negative hepatoma and breast cancer cells.

Sodium meta-arsenite ameliorates hyperglycemia in obese diabetic db/db mice by inhibition of hepatic gluconeogenesis.

Organic anion transporting polypeptides 1B1 and 1B3 play an important role in uremic toxin handling and drug-uremic toxin interactions in the liver.

In utero and lactational exposure to a mixture of environmental contaminants detected in Canadian Arctic human populations alters retinoid levels in rat offspring with low margins of exposure.

Mode of action and dose-response framework analysis for receptor-mediated toxicity: The aryl hydrocarbon receptor as a case study.

Aryl hydrocarbon receptor-dependent induction of liver fibrosis by dioxin.

Lack of nrf2 results in progression of proliferative lesions to neoplasms induced by long-term exposure to non-genotoxic hepatocarcinogens involving oxidative stress.

Hepatoprotective potential of astaxanthin against 2,3,7,8-tetrachlorodibenzo-p-dioxin in cultured rat hepatocytes.

Potential effects of polychlorinated biphenyls (PCBs) and selected organochlorine pesticides (OCPs) on immune cells and blood biochemistry measures: a cross-sectional assessment of the NHANES 2003-2004 data.

In vitro propagation and analysis of secondary metabolites in *Glossogyne tenuifolia* (Hsiang-Ju) - a medicinal plant native to Taiwan.

Low concentration of a dioxin (2, 3, 7, 8 TCDD) affects the glycosidases and Acid phosphatase activity in mice hepatocytes.

Subchronic arsenic exposure through drinking water alters vascular redox homeostasis and affects physical health in rats.

Y³⁺, La³⁺, and some bivalent metals inhibited the opening of the Tl⁺-induced permeability transition pore in Ca²⁺-loaded rat liver mitochondria.

Induction of glutathione synthesis in human hepatocytes by acute and chronic arsenic exposure: differential roles of mitogen-activated protein kinases.

Differential Fmo3 gene expression in various liver injury models involving hepatic oxidative stress in mice.

The effect of dietary tryptophan levels on oxidative stress of liver induced by diquat in weaned piglets.

Hepatic oxidative status and metal homeostasis disturbance of 2-hydroxylated dioxin in ICR mice.

Duodenal absorption and tissue utilization of dietary heme and nonheme iron differ in rats.

Ammonium increases Ca²⁺ signalling and up-regulates expression of TRPC1 gene in astrocytes in primary cultures and in the in vivo brain.

Protective Effect of Curcumin against the Liver Toxicity Caused by Propanil in Rats.

Estrogen receptor $\hat{\pm}$ and aryl hydrocarbon receptor cross-talk in a transfected hepatoma cell line (HepG2) exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Photolytic degradation products of two highly brominated flame retardants cause cytotoxicity and mRNA expression alterations in chicken embryonic hepatocytes.

Identification of reference proteins for Western blot analyses in mouse model systems of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity.

Human urinary biomarkers of dioxin exposure: analysis by metabolomics and biologically driven data dimensionality reduction.

A metabonomic analysis of the effect of quercetin on toxicity induced by chronic exposure to low-level dichlorvos in rat plasma.

How much do PCB toxic equivalents account for PHAH toxicity in predatory birds?

^{14}C -ORM-13070, a novel PET ligand for brain $\alpha_1\text{-C}$ -adrenoceptors: radiometabolism, plasma pharmacokinetics, whole-body distribution and radiation dosimetry in healthy men.

Potential role of catalase in mice with lipopolysaccharide/D-galactosamine-induced fulminant liver injury.

In vitro antioxidant capacity of tea of *Echinodorus grandiflorus*, "leather hat," in Wistar rat liver.

Luteolin modulates expression of drug-metabolizing enzymes through the AhR and Nrf2 pathways in hepatic cells.

Arsenite-induced changes in hepatic protein abundance in cynomolgus monkeys (*Macaca fascicularis*).

Combined chemical and toxicological long-term monitoring for AhR agonists with SPMD-based virtual organisms in drinking water Danjiangkou Reservoir, China.

Arsenic exposure alters expression of cell cycle and lipid metabolism genes in the liver of adult zebrafish (*Danio rerio*).

A new pro-prodrug aminoacid-based for trans-ferulic Acid and silybin intestinal release.

Evaluation of BDE-47 hydroxylation metabolic pathways based on a strong electron-withdrawing pentafluorobenzoyl derivatization gas chromatography/electron capture negative ionization quadrupole mass spectrometry.

FGF21 as a Hepatokine, Adipokine, and Myokine in Metabolism and Diseases.

Histopathologic alterations associated with global gene expression due to chronic dietary TCDD exposure in juvenile zebrafish.

A case report of acute severe paraquat poisoning and long-term follow-up.

Fibroblast growth factor (Fgf) 21 is a novel target gene of the aryl hydrocarbon receptor (AhR).

Ethoxyresorufin-O-deethylase (EROD) induction by TCDD, PeCDF and PCB 126 in bobwhite quail hepatocytes.

Comparative oxidative stress, metallothionein induction and organ toxicity following chronic exposure to arsenic, lead and mercury in rats.

Environmentally persistent free radicals inhibit cytochrome P450 activity in rat liver microsomes.

Palmitine activates AhR and upregulates CYP1A activity in HepG2 cells but not in human hepatocytes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) increases bilirubin formation but hampers quantitative hepatic conversion of biliverdin to bilirubin in rats with wild-type AH receptor.

Nicotinamide nucleotide transhydrogenase (Nnt) links the substrate requirement in brain mitochondria for hydrogen peroxide removal to the thioredoxin/peroxiredoxin (Trx/Prx) system.

Demographics, clinical characteristics and management of herbicide poisoning in tertiary care hospital.

Protective effect of quercetin on atrazine-induced oxidative stress in the liver, kidney, brain, and heart of adult wistar rats.

Protective effects of *Moringa oleifera* Lam. leaves against arsenic-induced toxicity in mice.

Fatal adverse drug reactions: Experience of adverse drug reactions in a tertiary care teaching hospital of North India - A case series.

Biochemical, oxidative and histological changes caused by sub-acute oral exposure of some synthetic cyanogens in rats: ameliorative effect of α -ketoglutarate.

Wild fish from the Bay of Quinte Area of Concern contain elevated tissue concentrations of PCBs and exhibit evidence of endocrine-related health effects.

Monomethylated trivalent arsenic species disrupt steroid receptor interactions with their DNA response elements at non-cytotoxic cellular concentrations.

Novel resveratrol-based substrates for human hepatic, renal, and intestinal UDP-glucuronosyltransferases.

In Vitro Metabolism of Flucetosulfuron by Human Liver Microsomes.

Analysis of hepatic deiodinase 2 mRNA levels in natural fish lake populations exposed to different levels of putative thyroid disrupters.

Persistent organic pollutant levels in semi-domesticated reindeer (*Rangifer tarandus tarandus* L.), feed, lichen, blood, milk, placenta, foetus and calf.

Ah receptor-mediated suppression of liver regeneration through NC-XRE-driven p21Cip1 expression.

In vivo effects of the pure aryl hydrocarbon receptor antagonist GNF-351 after oral administration are limited to the gastrointestinal tract.

Development of a convenient in vivo hepatotoxin assay using a transgenic zebrafish line with liver-specific DsRed expression.

[Research on the sodium arsenite and arsenic trioxide induced proliferation and apoptosis effects on human hepatocyte].

2,4-Dichlorophenol induces global DNA hypermethylation through the increase of S-adenosylmethionine and the upregulation of DNMTs mRNA in the liver of goldfish *Carassius auratus*.

Hypoxia perturbs aryl hydrocarbon receptor signaling and CYP1A1 expression induced by PCB 126 in human skin and liver-derived cell lines.

TCDD dysregulation of 13 AHR-target genes in rat liver.

Increases in levels of epoxyeicosatrienoic and dihydroxyeicosatrienoic acids (EETs and DHETs) in liver and heart in vivo by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and in hepatic EET:DHET ratios by cotreatment with TCDD and the soluble epoxide hydrolase inhibitor AUDA.

Mammalian cell-line based toxicological evaluation of paper mill black liquor treated in a soil microcosm by indigenous alkalo-tolerant *Bacillus* sp.

In vivo mutagenicity of arsenite in the livers of gpt delta transgenic mice.

Republished study: long-term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize.

Chemoprevention against arsenic-induced mutagenic DNA breakage and apoptotic liver damage in rat via antioxidant and SOD1 upregulation by green tea (*Camellia sinensis*) which recovers broken DNA resulted from arsenic-H₂O₂ related in vitro oxidant stress.

Effects of short term exposure of atrazine on the liver and kidney of normal and diabetic rats.

Influence of zinc supplementation on histopathological changes in the stomach, liver, kidney, brain, pancreas and spleen during subchronic exposure of Wistar rats to glyphosate.

Serum biochemical assessment of hepatic and renal functions of rats during oral exposure to glyphosate with zinc.

Development of a screening system for the detection of chemically induced DNA methylation alterations in a zebrafish liver cell line.

Assessment of genotoxic potential of arsenic in female albino rats at permissible dose levels.

Mammalian cell line-based bioassays for toxicological evaluation of landfill leachate treated by *Pseudomonas* sp. ISTDF1.

3,3',4,4'-Tetrachlorobiphenyl-mediated decrease of serum thyroxine level in C57BL/6 and DBA/2 mice occurs mainly through enhanced accumulation of thyroxine in the liver.

Alpha-lipoic acid protects oxidative stress, changes in cholinergic system and tissue histopathology during co-exposure to arsenic-dichlorvos in rats.

Identification of arsenolipids and their degradation products in cod-liver oil.

Acute toxicity of a commercial glyphosate formulation on European sea bass juveniles (*Dicentrarchus labrax* L.): gene expressions of heme oxygenase-1 (ho-1), acetylcholinesterase (AChE) and aromatases (cyp19a and cyp19b).

Oral lesions and pulmonary fibrosis after ingesting grapes.

Effect of a glyphosate-based herbicide in *Cyprinus carpio*: assessment of acetylcholinesterase activity, hematological responses and serum biochemical parameters.

Ethoxylated adjuvants of glyphosate-based herbicides are active principles of human cell toxicity.

Acrolein-induced oxidative stress in NAD(P)H Oxidase Subunit gp91phox knock-out mice and its modulation of NF- κ B and CD36.

Atrazine is primarily responsible for the toxicity of long-term exposure to a combination of atrazine and inorganic arsenic in the nigrostriatal system of the albino rat.

Enhanced cytotoxicity of pentachlorophenol by perfluorooctane sulfonate or perfluorooctanoic acid in HepG2 cells.

Diphenyl diselenide prevents hepatic alterations induced by paraquat in rats.

Alterations in fatty acids of polar lipids in *Salmo trutta* on long-term exposure to a glyphosate-based herbicide (Roundup).

Evaluation of hydroxyatrazine in the endocrine disruptor screening and testing program's male and female pubertal protocols.

Detrimental effects of metronidazole on the liver of freshwater common carp (*Cyprinus carpio* L.).

Methylene blue protects against paraquat-induced acute lung injury in rats.

Effect of methylsulfonylmethane on paraquat-induced acute lung and liver injury in mice.

Toxicological studies on the short term exposure of *Clarias albopunctatus* (Lamonte and Nichole 1927) to sub-lethal concentrations of roundup.

Comparative study on effects of dietary with diphenyl diselenide on oxidative stress in carp (*Cyprinus carpio*) and silver catfish (*Rhamdia* sp.) exposed to herbicide clomazone.

Photocatalytic degradation of the herbicide clomazone in natural water using TiO₂: kinetics, mechanism, and toxicity of degradation products.

Effects of the herbicide atrazine in neotropical catfish (*Rhamdia quelen*).

Hematological and biochemical alterations in the fish *Prochilodus lineatus* caused by the herbicide clomazone.

Alteration of lipid status and lipid metabolism, induction of oxidative stress and lipid peroxidation by 2,4-dichlorophenoxyacetic herbicide in rat liver.

Propanil-induced histopathological changes in the liver and kidney of mice.

CT imaging as a prognostic indicator for patients with pulmonary injury from acute paraquat poisoning.

Dietary supplementation with *Lactobacillus fermentum* I5007 improves the anti-oxidative activity of weanling piglets challenged with diquat.

Oxidative stress in carp exposed to quinclorac herbicide under rice field condition.

Effects of chemical and handling exposure on fatty acids, oxidative stress and morphological welfare indicators in gilt-head sea bream (*Sparus aurata*).

[Effect of glyphosate on the energy exchange in carp organs].

Assessing eco-toxicological effects of industrial 2,4-D acid iso-octylester herbicide on rat pancreas and liver.

Paraquat poisoning in pediatric patients.

Oral exposure to atrazine modulates hormone synthesis and the transcription of steroidogenic genes in male peripubertal mice.

Genotoxic effects of the herbicide Roundup(®) in the fish *Corydoras paleatus* (Jenyns 1842) after short-term, environmentally low concentration exposure.

Reduction of dimethylarsinic acid to the highly toxic dimethylarsinous acid by rats and rat liver cytosol.

Determination of glyphosate and AMPA in blood and urine from humans: about 13 cases of acute intoxication.

Comments on 'Spectrum of toxic hepatitis following intentional paraquat ingestion'.

A metal mixture induces transformation upon antioxidant depletion in a hepatic cell line.

Ratios of biliary glutathione disulfide (GSSG) to glutathione (GSH): a potential index to screen drug-induced hepatic oxidative stress in rats and mice.

Mutagenic/recombinogenic effects of four lipid peroxidation products in *Drosophila*.

Laboratory and field exposure of two species of juvenile amphibians to a glyphosate-based herbicide and *Batrachochytrium dendrobatidis*.

Lethal synergism between organic and inorganic wood preservatives via formation of an unusual lipophilic ternary complex.

Biochemical and molecular mechanisms of N-acetyl cysteine and silymarin-mediated protection against maneb- and paraquat-induced hepatotoxicity in rats.

Impact of the redox-cycling herbicide diquat on transcript expression and antioxidant enzymatic activities of the freshwater snail *Lymnaea stagnalis*.

Renal replacement therapy in acute poisonings--one center experience.

Oral administration of pentachlorophenol induces interferon signaling mRNAs in C57BL/6 male mouse liver.

Recovery ability of common carp (*Cyprinus carpio*) after a short-term exposure to terbutylazine.

Liver injury induced by thirty- and fifty-nanometer-diameter silica nanoparticles.

Effects of the herbicide imazapyr on juvenile Oregon spotted frogs.

Cellular effects of metolachlor exposure on human liver (HepG2) cells.

Amelioration of paraquat-induced pulmonary injury by mesenchymal stem cells.

Differential regulation of the rainbow trout (*Oncorhynchus mykiss*) MT-A gene by nuclear factor interleukin-6 and activator protein-1.

Acrolein stimulates the synthesis of IL-6 and C-reactive protein (CRP) in thrombosis model mice and cultured cells.

Wnt/ β -catenin signaling protects mouse liver against oxidative stress-induced apoptosis through the inhibition of forkhead transcription factor FoxO3.

Mutagenic activation reduces carcinogenic activity of ortho-aminoazotoluene for mouse liver.

The effects of temperature and dissolved oxygen on antioxidant defences and oxidative damage in the fathead minnow *Pimephales promelas*.

Cinnamaldehyde-induced apoptosis in human hepatoma PLC/PRF/5 cells involves the mitochondrial death pathway and is sensitive to inhibition by cyclosporin A and z-VAD-fmk.

Interaction of phthalates and phenoxy acid herbicide environmental pollutants with intestinal intracellular lipid binding proteins.

A vortex-assisted MSPD method for the extraction of pesticide residues from fish liver and crab hepatopancreas with determination by GC-MS.

Acetaldehyde-induced cytotoxicity involves induction of spermine oxidase at the transcriptional level.

Protective effects of dietary arginine supplementation against oxidative stress in weaned piglets.

Antimitotic herbicides bind to an unidentified site on malarial parasite tubulin and block development of liver-stage *Plasmodium* parasites.

Acrolein and chloroacetaldehyde: an examination of the cell and cell-free biomarkers of toxicity.

Effect of chronic exposure to prometryne on oxidative stress and antioxidant response in common carp (*Cyprinus carpio* L.).

Oxidative DNA damage and in vivo mutagenicity caused by reactive oxygen species generated in the livers of p53-proficient or -deficient gpt delta mice treated with non-genotoxic hepatocarcinogens.

Reversal of hypertriglyceridemia, fatty liver disease, and insulin resistance by a liver-targeted mitochondrial uncoupler.

Treating fatty liver and insulin resistance.

Pretreatment with TCDD exacerbates liver injury from Concanavalin A: critical role for NK cells.

Multiple classes of environmental chemicals are associated with liver disease: NHANES 2003-2004.

Comparisons of differential gene expression elicited by TCDD, PCB126, β 2NF, or ICZ in mouse hepatoma Hepa1c1c7 cells and C57BL/6 mouse liver.

Low-dose food contaminants trigger sex-specific, hepatic metabolic changes in the progeny of obese mice.

Arsenic induced toxicity and histopathological changes in gill and liver tissue of freshwater fish, tilapia (*Oreochromis mossambicus*).

Propolis alleviates 2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced histological changes, oxidative stress and DNA damage in rat liver.

Malassezia yeasts produce a collection of exceptionally potent activators of the Ah (dioxin) receptor detected in diseased human skin.

Beneficial effect of astaxanthin on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced liver injury in rats.

TCDD induces the expression of insulin-like growth factor binding protein 4 in 5L rat hepatoma cells: a cautionary tale of the use of this cell line in studies on dioxin toxicity.

Proteomic analysis of arsenic-exposed zebrafish (*Danio rerio*) identifies altered expression in proteins involved in fibrosis and lipid uptake in a gender-specific manner.

Effects of iron polymaltose complex, ferrous fumarate and ferrous sulfate treatments in anemic pregnant rats, their fetuses and placentas.

Seizure control by ketogenic diet-associated medium chain fatty acids.

Activation of the aryl hydrocarbon receptor sensitizes mice to nonalcoholic steatohepatitis by deactivating mitochondrial sirtuin deacetylase Sirt3.

Nerve growth factor exhibits an antioxidant and an autocrine activity in mouse liver that is modulated by buthionine sulfoximine, arsenic, and acetaminophen.

Biological and tumor-promoting effects of dioxin-like and non-dioxin-like polychlorinated biphenyls in mouse liver after single or combined treatment.

Association between exposure to dioxin-like polychlorinated biphenyls and miR-191 expression in human peripheral blood mononuclear cells.

Pelargonidin activates the AhR and induces CYP1A1 in primary human hepatocytes and human cancer cell lines HepG2 and LS174T.

Ethylendioxy-PIP2 oxalate reduces ganglioside storage in juvenile Sandhoff disease mice.

Role of hepatic and pancreatic oxidative stress in arsenic induced diabetic condition in Wistar rats.

Aryl hydrocarbon receptor-mediated disruption of contact inhibition is associated with connexin43 downregulation and inhibition of gap junctional intercellular communication.

Effects of quercetin and chrysin on 2,3,7,8-tetrachlorodibenzo-p-dioxin induced hepatotoxicity in rats.

Cyprodinil as an activator of aryl hydrocarbon receptor.

Dioxin suppresses benzo[a]pyrene-induced mutations and DNA adduct formation through cytochrome P450 1A1 induction and (±)-anti-benzo[a]pyrene-7,8-diol-9,10-epoxide inactivation in human hepatoma cells.

Methane biogenesis during sodium azide-induced chemical hypoxia in rats.

2,3,7,8-TCDD enhances the sensitivity of mice to concanavalin A immune-mediated liver injury.

Occurrence of disseminated intravascular coagulation in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced pneumonia in the rat.

Oculomotor deficits in aryl hydrocarbon receptor null mouse.

Polybrominated diphenyl ethers alter hepatic phosphoenolpyruvate carboxykinase enzyme kinetics in male Wistar rats: implications for lipid and glucose metabolism.

TCDD-elicited effects on liver, serum, and adipose lipid composition in C57BL/6 mice.

Delayed temporal increase of hepatic Hsp70 in ApoE knockout mice after prenatal arsenic exposure.

Genetically modified foods: safety, risks and public concerns-a review.

Modulation of aryl hydrocarbon receptor-regulated genes by acute administration of ammonium metavanadate in kidney, lung and heart of C57BL/6 mice.

Borax counteracts genotoxicity of aluminum in rat liver.

Construction and characterization of peroxisome proliferator-activated receptor-gamma co-activator 1 alpha (PGC-1± over-expressing cell line derived from human hepatocyte carcinoma HepG2 cells).

Vanadium toxicity in mice: possible impairment of lipid metabolism and mucosal epithelial cell necrosis in the small intestine.

Evaluation of miR-122 and other biomarkers in distinct acute liver injury in rats.

Sodium arsenite induced reactive oxygen species generation, nuclear factor (erythroid-2 related) factor 2 activation, heme oxygenase-1 expression, and glutathione elevation in Chang human hepatocytes.

Inhibition of hepatocyte nuclear factor 1 and 4 alpha (HNF1± and HNF4±) as a mechanism of arsenic carcinogenesis.

Biotransformation of BDE-47 to potentially toxic metabolites is predominantly mediated by human CYP2B6.

Induction of apoptotic death and retardation of neuronal differentiation of human neural stem cells by sodium arsenite treatment.

AhR-mediated changes in global gene expression in rat liver progenitor cells.

A category approach to predicting the repeated-dose hepatotoxicity of allyl esters.

Comparison of TCDD-elicited genome-wide hepatic gene expression in Sprague-Dawley rats and C57BL/6 mice.

Contrasting retinoid and thyroid hormone status in differentially-contaminated northern fulmar colonies from the Canadian Arctic, Svalbard and the Faroe Islands.

Role of pigment epithelium-derived factor (PEDF) in arsenic-induced cell apoptosis of liver and brain in a rat model.

The toxicity of the N-hydroxy and 6-hydroxy metabolites of 3,4-dichloropropionanilide does not depend on calcium release-activated calcium channel inhibition.

Investigation of ifosfamide nephrotoxicity induced in a liver-kidney co-culture biochip.

2,3,7,8-Tetrachlorodibenzo-p-dioxin enhances CCl₄-induced hepatotoxicity in an aryl hydrocarbon receptor-dependent manner.

Harmine and harmaline downregulate TCDD-induced Cyp1a1 in the livers and lungs of C57BL/6 mice.

Cytochrome P4501A induction in avian hepatocyte cultures exposed to polychlorinated biphenyls: comparisons with AHR1-mediated reporter gene activity and in ovo toxicity.

Effects of butachlor on reproduction and hormone levels in adult zebrafish (*Danio rerio*).

Toxicity of polyamines and their metabolic products.

The synthesis and biodistribution of [(11)C]metformin as a PET probe to study hepatobiliary transport mediated by the multi-drug and toxin extrusion transporter 1 (MATE1) in vivo.

Effect of selenomethionine supplementation in food on the excretion and toxicity of arsenic exposure in female mice.

Comparative study of cytotoxic and genotoxic effects induced by herbicide S-metolachlor and its commercial formulation Twin Pack Gold[®] in human hepatoma (HepG2) cells.

Effect of some organic solvents on oxidative phosphorylation in rat liver mitochondria: Choice of organic solvents.

A genomics-based analysis of relative potencies of dioxin-like compounds in primary rat hepatocytes.

Effects of oral anorexiant sibutramine on the expression of cytochromes P450s in human hepatocytes and cancer cell lines.

Differential influences of various arsenic compounds on antioxidant defense system in liver and kidney of rats.

Stereoselective toxicity and metabolism of lactofen in primary hepatocytes from rat.

RNA-sequencing analysis of TCDD-induced responses in zebrafish liver reveals high relatedness to in vivo mammalian models and conserved biological pathways.

Knockout of the aryl hydrocarbon receptor results in distinct hepatic and renal phenotypes in rats and mice.

Purification of an IgA Monoclonal Antibody Specific for the Acr Protein of *Mycobacterium tuberculosis* by Immunoaffinity Chromatography.

Paraquat Exposure Up-regulates Cyclooxygenase-2 in the Lungs, Liver and Kidneys in Rats.

Potential role of epigenetic mechanisms in the regulation of drug metabolism and transport.

Toxicogenomic evaluation of long-term hepatic effects of TCDD in immature, ovariectomized C57BL/6 mice.

Role of the nuclear xenobiotic receptors CAR and PXR in induction of cytochromes P450 by non-dioxinlike polychlorinated biphenyls in cultured rat hepatocytes.

2,4-dichlorophenol induces apoptosis in primary hepatocytes of grass carp (*Ctenopharyngodon idella*) through mitochondrial pathway.

[Effects of hemoperfusion on the patients with acute toxication of 2, 4-dinitrophenol].

Dietary exposure to dioxins and PCBs in a large cohort of pregnant women: results from the Norwegian Mother and Child Cohort Study (MoBa).

The aryl hydrocarbon receptor interacts with nuclear factor erythroid 2-related factor 2 to mediate induction of NAD(P)H:quinoneoxidoreductase 1 by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Dioxin-induced acute cardiac mitochondrial oxidative damage and increased activity of ATP-sensitive potassium channels in Wistar rats.

Effect of nicotine pretreatment on arsenic-induced oxidative stress in male Wistar rats.

Spectrum of corrosive esophageal injury after intentional paraquat or glyphosate-surfactant herbicide ingestion.

Relative potencies of aroclor mixtures derived from avian in vitro bioassays: comparisons with calculated toxic equivalents.

Histopathological changes in the liver of rabbits exposed to high nitrate ingestion in drinking water.

Modulation of cytochrome P450 1 (Cyp1) by vanadium in hepatic tissue and isolated hepatocyte of C57BL/6 mice.

Tissue distribution of dioxin-like compounds: potential impacts on systemic relative potency estimates.

An integrated approach for prospectively investigating a mode-of-action for rodent liver effects.

Polychlorodibenzodioxin and -furan and dioxin-like polychlorobiphenyl distribution in tissues and dairy products of dairy buffaloes.

Evaluation of protective effect of N-acetyl cysteine on arsenic-induced hepatotoxicity.

Protective effect of *Juglans nigra* on sodium arsenite-induced toxicity in rats.

Protective effects of *Vernonia amygdalina* against sodium arsenite-induced genotoxicity in rat.

Sex differences in the accumulation of chlorinated dioxins in the cormorant (*Phalacrocorax carbo*): implication of hepatic sequestration in the maternal transfer.

Oral administration of hesperidin, a citrus flavonone, in rats counteracts the oxidative stress, the inflammatory cytokine production, and the hepatotoxicity induced by the ingestion of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Use of a highly sensitive recombinant hepatoma cell method to determine dioxin concentrations in samples of fish and crab from a hotspot area.

PCDD/Fs and DL-PCBs intake from fish caught in Polish fishing grounds in the Baltic Sea--characterizing the risk for consumers.

Dietary exposure of juvenile female mice to polyhalogenated seafood contaminants (HBCD, BDE-47, PCB-153, TCDD): comparative assessment of effects in potential target tissues.

Cytochrome P4501A induction in primary cultures of embryonic European starling hepatocytes exposed to TCDD, PeCDF and TCDF.

Comparative analysis of temporal and dose-dependent TCDD-elicited gene expression in human, mouse, and rat primary hepatocytes.

Metabolism of profenofos to 4-bromo-2-chlorophenol, a specific and sensitive exposure biomarker.

Toxicokinetics of dioxins and other organochlorine compounds in Japanese people: association with hepatic CYP1A2 expression levels.

Ecotoxicity and risk to human fish consumers of polychlorinated biphenyls in fish near the Hanford Site (USA).

Histopathological changes induced by paraquat on some tissues of gourami fish (*Trichogaster trichopterus*).

Human adipose tissue derived stem cells promote liver regeneration in a rat model of toxic injury.

Treatment of mice with 2,3,7,8-Tetrachlorodibenzo-p-dioxin markedly increases the levels of a number of cytochrome P450 metabolites of omega-3 polyunsaturated fatty acids in the liver and lung.

Nrf2 protection against liver injury produced by various hepatotoxicants.

Proteoglycans act as cellular hepatitis delta virus attachment receptors.

A novel murine model to deplete hepatic stellate cells uncovers their role in amplifying liver damage in mice.

Acrolein cytotoxicity in hepatocytes involves endoplasmic reticulum stress, mitochondrial dysfunction and oxidative stress.

Toxicity of atrazine and nonylphenol in juvenile rainbow trout (*Oncorhynchus mykiss*): effects on general health, disease susceptibility and gene expression.

Long term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize.

Haematology and blood chemistry changes in mice treated with terbuthylazine and its formulation Radazin TZ-50.

Endocrine disruption caused by oral administration of atrazine in European quail (*Coturnix coturnix coturnix*).

Atrazine promotes biochemical changes and DNA damage in a Neotropical fish species.

Nrf2 protects against diquat-induced liver and lung injury.

Activator protein-1 regulation of murine aldehyde dehydrogenase 1a1.

Spectrum of toxic hepatitis following intentional paraquat ingestion: analysis of 187 cases.

Toxicity of trifluralin herbicide in a representative of the edaphic fauna: histopathology of the midgut of *Rhinocricus padbergi* (Diplopoda).

The time between paraquat ingestion and a negative dithionite urine test in an independent risk factor for death and organ failure in acute paraquat intoxication.

Pathological and toxicological findings in glyphosate-surfactant herbicide fatality: a case report.

Acute exposure of a glyphosate-based herbicide affects the gills and liver of the Neotropical fish, *Piaractus mesopotamicus*.

Hepatic protein expression networks associated with masculinization in the female fathead minnow (*Pimephales promelas*).

Influence of 50-nm polystyrene particles in inducing cytotoxicity in mice co-injected with carbon tetrachloride, cisplatin, or paraquat.

Impacts of low doses of pesticide mixtures on liver cell defence systems.

The effects of diphenyl diselenide on oxidative stress biomarkers in *Cyprinus carpio* exposed to herbicide quinclorac (Facet®).

Efficacy of vitamin C against liver and kidney damage induced by paraquat toxicity.

[Induction effects of pentachlorophenol on vitellogenin and p53 in Chinese rare minnow (*Gobiocypris rarus*)].

Responses of growth performance and tryptophan metabolism to oxidative stress induced by diquat in weaned pigs.

Effects of herbicides and the chytrid fungus *Batrachochytrium dendrobatidis* on the health of post-metamorphic northern leopard frogs (*Lithobates pipiens*).

The endoplasmic reticulum is a target organelle for trivalent dimethylarsinic acid (DMAIII)-induced cytotoxicity.

A mixture of an environmentally realistic concentration of a phthalate and herbicide reduces testosterone in male fathead minnow (*Pimephales promelas*) through a novel mechanism of action.

Copper and the herbicide atrazine impair the stress response of the freshwater fish *Prochilodus lineatus*.

Early cytotoxic and genotoxic effects of atrazine on Wistar rat liver: a morphological, immunohistochemical, biochemical, and molecular study.

DNA damage in fish (*Anguilla anguilla*) exposed to a glyphosate-based herbicide -- elucidation of organ-specificity and the role of oxidative stress.

Renal, hepatic, pulmonary and adrenal tumors induced by prenatal inorganic arsenic followed by dimethylarsinic acid in adulthood in CD1 mice.

[Presentation of a case of Paraquat poisoning].

Effects of short-term sodium chlorate exposure on pigs.

Effects of atrazine and chlorpyrifos on activity and transcription of glutathione S-transferase in common carp (*Cyprinus carpio* L.).

Oxidative stress induced by 2,4-phenoxyacetic acid in liver of female rats and their progeny: biochemical and histopathological studies.

[Effects of hemoperfusion on oxidative stress, matrix metalloproteinases and their inhibitors in acute paraquat poisoning rabbits].

Effects of long-term exposure to simazine in real concentrations on common carp (*Cyprinus carpio* L.).

The effects of subchronic exposure to terbuthylazine on zebrafish.

Intrastriatal pre-treatment with L-NAME protects rats from diquat neurotoxicity.

Effects of subchronic exposure to atrazine on zebrafish (*Danio rerio*).

The effects of subchronic exposure to metribuzin on *Danio rerio*.

Toxicity evaluation of glyphosate agrochemical components using Japanese medaka (*Oryzias latipes*) and DNA microarray gene expression analysis.

Effect of chronic pesticide exposure in farm workers of a Mexico community.

Effect of bark extract of *Bathysa cuspidata* on hepatic oxidative damage and blood glucose kinetics in rats exposed to paraquat.

Hypolipidemic and antioxidant activities of virgin olive oil and its fractions in 2,4-dichlorophenoxyacetic acid-treated rats.

Exposure to a commercial glyphosate formulation (Roundup®) alters normal gill and liver histology and affects male sexual activity of *Jenynsia multidentata* (Anablepidae, Cyprinodontiformes).

Proteomic analysis of hepatic tissue in adult female zebrafish (*Danio rerio*) exposed to atrazine.

Aminotriazole attenuated carbon tetrachloride-induced oxidative liver injury in mice.

GC-MS analysis and screening of antidiabetic, antioxidant and hypolipidemic potential of *Cinnamomum tamala* oil in streptozotocin induced diabetes mellitus in rats.

Protein carbonylation in a murine model for early alcoholic liver disease.

[Design of a polymer drug for serological diagnosis of hepatitis C].

Carbonyl reductase mRNA abundance and enzymatic activity as potential biomarkers of oxidative stress in marine fish.

Modulation of the metabolism of airborne pollutants by glucoraphanin-rich and sulforaphane-rich broccoli sprout beverages in Qidong, China.

Influence of serum in hemodialysis patients on the expression of intestinal and hepatic transporters for the excretion of pravastatin.

Synergistic effect of conjugated linolenic acid isomers against induced oxidative stress, inflammation and erythrocyte membrane disintegrity in rat model.

High-resolution genome-wide mapping of AHR and ARNT binding sites by ChIP-Seq.

Repeated dose toxicity and relative potency of 1,2,3,4,6,7-hexachloronaphthalene (PCN 66) 1,2,3,5,6,7-hexachloronaphthalene (PCN 67) compared to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) for induction of CYP1A1, CYP1A2 and thymic atrophy in female Harlan Sprague-Dawley rats.

Metabolomics identifies an inflammatory cascade involved in dioxin- and diet-induced steatohepatitis.

The epigenetic effects of a high prenatal folate intake in male mouse fetuses exposed in utero to arsenic.

Telmisartan treatment attenuates arsenic-induced hepatotoxicity in mice.

Induction of anoikis by sodium arsenite in rat hepatoma FGC4 cells: comparison with cadmium chloride and implications for assessment of regulation of heat shock protein 70.

Long-term toxicology and carcinogenicity of 2,4,6-trichlorophenol.

Suicidal sodium azide intoxication: An analytical challenge based on a rare case.

Ameliorative effect of docosahexaenoic acid on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced histological changes, oxidative stress, and DNA damage in rat liver.

Optimization of a histopathological biomarker for sphingomyelin accumulation in acid sphingomyelinase deficiency.

Hepatic microRNA profiles offer predictive and mechanistic insights after exposure to genotoxic and epigenetic hepatocarcinogens.

Intracellular accumulation of bilirubin as a defense mechanism against increased oxidative stress.

Dietary fat is a lipid source in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-elicited hepatic steatosis in C57BL/6 mice.

Trichosanthes dioica fruit ameliorates experimentally induced arsenic toxicity in male albino rats through the alleviation of oxidative stress.

Modulatory effect of L-glutamine on 2,3,7,8 tetrachlorodibenzo-p-dioxin-induced liver injury in rats.

Curcumin encapsulated in chitosan nanoparticles: a novel strategy for the treatment of arsenic toxicity.

Yusho: 43 years later.

Non-dioxin-like AhR ligands in a mouse peanut allergy model.

Iron replacement therapy in the routine management of blood donors.

Sodium arsenite down-regulates the expression of X-linked inhibitor of apoptosis protein via translational and post-translational mechanisms in hepatocellular carcinoma.

Quantitative imaging of arsenic and its species in goat following long term oral exposure.

Circulating microRNA-122 as a potential biomarker for liver injury.

Tumors and proliferative lesions in adult offspring after maternal exposure to methylarsonous acid during gestation in CD1 mice.

Gilbert syndrome redefined: a complex genetic haplotype influences the regulation of glucuronidation.

Comparative study of hypocholesterolemic and hypolipidemic effects of conjugated linolenic acid isomers against induced biochemical perturbations and aberration in erythrocyte membrane fluidity.

FOXA1 is essential for aryl hydrocarbon receptor-dependent regulation of cyclin G2.

Protein alteration of HepG2.2.15 cells induced by iron overload.

Ameliorative effect *Trichosanthes dioica* root against experimentally induced arsenic toxicity in male albino rats.

Concomitant induction of heme oxygenase-1 attenuates the cytotoxicity of arsenic species from lumbricus extract in human liver HepG2 cells.

Plant expression, lyophilisation and storage of HBV medium and large surface antigens for a prototype oral vaccine formulation.

Changes in fibrinopeptide A peptides in the sera of rats chronically exposed to low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Polychlorinated biphenyl congeners that increase the glucuronidation and biliary excretion of thyroxine are distinct from the congeners that enhance the serum disappearance of thyroxine.

Hepatoprotective role and antioxidant capacity of selenium on arsenic-induced liver injury in rats.

Aldehyde dehydrogenases and cell proliferation.

[Targeting malaria parasite at the level of apicoplast: an update].

Glutathione-deficient mice are susceptible to TCDD-Induced hepatocellular toxicity but resistant to steatosis.

Prenatal exposure to TCDD triggers significant modulation of microRNA expression profile in the thymus that affects consequent gene expression.

Camel milk modulates the expression of aryl hydrocarbon receptor-regulated genes, Cyp1a1, Nqo1, and Gsta1, in murine hepatoma Hepa 1c1c7 cells.

Hepatoprotective role of vitamin B(12) and folic acid in arsenic intoxicated rats.

Preliminary morphological and biochemical changes in rat liver following postnatal exposure to sodium arsenite.

Induction of Heat Shock Proteins and Antioxidant Enzymes in 2,3,7,8-TCDD-Induced Hepatotoxicity in Rats.

Ameliorative effect of supplementation with L-glutamine on oxidative stress, DNA damage, cell viability and hepatotoxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat hepatocyte cultures.

Estrogen receptor-hijacking by dioxin-like 3,3',4,4',5-pentachlorobiphenyl (PCB126) in salmon hepatocytes involves both receptor activation and receptor protein stability.

Organochlorine pesticides induce epithelial to mesenchymal transition of human primary cultured hepatocytes.

Incidence of jaw lesions and activity and gene expression of hepatic P4501A enzymes in mink (*Mustela vison*) exposed to dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin, 2,3,7,8-tetrachlorodibenzofuran, and 2,3,4,7,8-pentachlorodibenzofuran.

Effects of iron glycine chelate on growth, tissue mineral concentrations, fecal mineral excretion, and liver antioxidant enzyme activities in broilers.

Oxidative stress modulates KLF6Full and its splice variants.

Pleurotus florida lectin normalizes duration dependent hepatic oxidative stress responses caused by arsenic in rat.

Dioxin-like potency of HO- and MeO- analogues of PBDEs' the potential risk through consumption of fish from eastern China.

Aryl hydrocarbon receptor-dependence of dioxin's effects on constitutive mouse hepatic cytochromes P450 and growth hormone signaling components.

The point of transition on the dose-effect curve as a reference point in the evaluation of in vitro toxicity data.

The androgenic anabolic steroid tetrahydrogestrinone produces dioxin-like effects via the aryl hydrocarbon receptor.

Consequences of TCDD treatment on intra-hepatic lymphocytes during liver regeneration.

Development of an ion chromatography-inductively coupled plasma-mass spectrometry method to determine inorganic arsenic in liver from chickens treated with roxarsone.

Evaluation of biochemical, hematological and oxidative parameters in mice exposed to the herbicide glyphosate-Roundup(®).

Protective Effect of *Psidium guajava* in Arsenic-induced Oxidative Stress and Cytological Damage in Rats.

[Study of the mechanisms of cytotoxic effect of uranyl nitrate].

Antimutagenic properties of *Mangifera indica* L. stem bark extract and evaluation of its effects on hepatic CYP1A1.

Antioxidant properties of \hat{I}^2 -seleno amines against lipid peroxidation in rat brain and liver.

Assessment of possible carcinogenicity of oxyfluorfen to humans using mode of action analysis of rodent liver effects.

Unexpected gender difference in sensitivity to the acute toxicity of dioxin in mice.

Effect of mercury on aryl hydrocarbon receptor-regulated genes in the extrahepatic tissues of C57BL/6 mice.

Acute and subacute oral toxicity of polychlorinated diphenyl sulfides in mice: determining LD50 and assessing the status of hepatic oxidative stress.

Tissue specificity of aryl hydrocarbon receptor (AhR) mediated responses and relative sensitivity of white sturgeon (*Acipenser transmontanus*) to an AhR agonist.

Transcription factor-mediated regulation of carboxylesterase enzymes in livers of mice.

Propolis protects against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced toxicity in rat hepatocytes.

Cross-species comparisons of transcriptomic alterations in human and rat primary hepatocytes exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Buffalo (*Bubalus bubalis*) epiphyseal proteins counteract arsenic-induced oxidative stress in brain, heart, and liver of female rats.

Inter-strain heterogeneity in rat hepatic transcriptomic responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

[6]-Gingerol isolated from ginger attenuates sodium arsenite induced oxidative stress and plays a corrective role in improving insulin signaling in mice.

Toxicological evaluation of paper mill sewage sediment treated by indigenous dibenzofuran-degrading *Pseudomonas* sp.

Induction of cytochrome P4501A by highly purified hexachlorobenzene in primary cultures of ring-necked pheasant and Japanese quail embryo hepatocytes.

Acute inhalation study of allyl alcohol for derivation of acute exposure guideline levels.

Fish liver and seagull eggs, vitamin D-rich foods with a shadow: results from the Norwegian Fish and Game Study.

Significant interspecies differences in induction profiles of hepatic CYP enzymes by TCDD in bank and field voles.

Changes in expression of drug-metabolizing enzymes by single-walled carbon nanotubes in human respiratory tract cells.

Inhibition of heme oxygenase-1 partially reverses the arsenite-mediated decrease of CYP1A1, CYP1A2, CYP3A23, and CYP3A2 catalytic activity in isolated rat hepatocytes.

Multidrug resistance protein (MRP) 4 attenuates benzo[a]pyrene-mediated DNA-adduct formation in human bronchoalveolar H358 cells.

Comparative Studies of the (Anti) Mutagenicity of *Baccharis dracunculifolia* and Artepillin C by the Bacterial Reverse Mutation Test.

Large enhancement of skeletal muscle cell glucose uptake and suppression of hepatocyte glucose-6-phosphatase activity by weak uncouplers of oxidative phosphorylation.

Effects of dietary exposure of mink (*Mustela vison*) to 2,3,7,8-tetrachlorodibenzo-p-dioxin, 2,3,4,7,8-pentachlorodibenzofuran, and 2,3,7,8-tetrachlorodibenzofuran on reproduction and offspring viability and growth.

Harmaline and harmalol inhibit the carcinogen-activating enzyme CYP1A1 via transcriptional and posttranslational mechanisms.

A mouse model of accelerated liver aging caused by a defect in DNA repair.

Toxicity, dioxin-like activities, and endocrine effects of DDT metabolites--DDA, DDMU, DDMS, and DDCN.

Comparison of DNA damage in human-derived hepatoma line (HepG2) exposed to the fifteen drinking water disinfection byproducts using the single cell gel electrophoresis assay.

Disruption of endocrine function in in vitro H295R cell-based and in in vivo assay in zebrafish by 2,4-dichlorophenol.

Differential display system with vertebrate-common degenerate oligonucleotide primers: uncovering genes responsive to dioxin in avian embryonic liver.

Aberrant activation of ubiquitin D at G2 phase and apoptosis by carcinogens that evoke cell proliferation after 28-day administration in rats.

PCB 126 and other dioxin-like PCBs specifically suppress hepatic PEPCK expression via the aryl hydrocarbon receptor.

Cyanamide potentiates the ethanol-induced impairment of receptor-mediated endocytosis in a recombinant hepatic cell line expressing alcohol dehydrogenase activity.

Tissue concentrations of pesticides, PCBs and metals among ospreys, *Pandion haliaetus*, collected in France.

Comparative metabolomic and genomic analyses of TCDD-elicited metabolic disruption in mouse and rat liver.

Eicosapentaenoic acid protects against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced hepatic toxicity in cultured rat hepatocytes.

Synthesis and evaluation of PET probes for the imaging of I2 imidazoline receptors in peripheral tissues.

Stereoselective metabolism and toxicity of the herbicide fluroxypyr methylheptyl ester in rat hepatocytes.

Medical management of paraquat ingestion.

Acute exposure to glyphosate herbicide affects oxidative parameters in piava (*Leporinus obtusidens*).

Effects of glyphosate and polyoxyethylenamine on growth and energetic reserves in the freshwater crayfish *Cherax quadricarinatus* (Decapoda, Parastacidae).

[Effects of hemoperfusion on plasma concentration and histopathological changes in paraquat poisoning rabbits].

Protective effect of *Ginkgo biloba* L. leaf extract against glyphosate toxicity in Swiss albino mice.

Effect of Yerbimat herbicide on lipid peroxidation, catalase activity, and histological damage in gills and liver of the freshwater fish *Goodea atripinnis*.

Toxicological responses of *Cyprinus carpio* exposed to the herbicide penoxsulam in rice field conditions.

DNA damage and effects on glutathione-S-transferase activity induced by atrazine exposure in zebrafish (*Danio rerio*).

Hepatotoxicity of silica nanoparticles with a diameter of 100 nm.

Acrolein-induced dyslipidemia and acute-phase response are independent of HMG-CoA reductase.

Comparison of nitrofen uptake via water and food and its distribution in tissue of common carp, *Cyprinus carpio* L.

Atrazine exposure affects growth, body condition and liver health in *Xenopus laevis* tadpoles.

Mitochondria are the main target organelle for trivalent monomethylarsonous acid (MMA(III))-induced cytotoxicity.

[Clinical analysis of multiple organ dysfunction syndrome caused by acute paraquat poisoning].

Exposure of juvenile green frogs (*Lithobates clamitans*) in littoral enclosures to a glyphosate-based herbicide.

Histopathological changes in gill, liver and kidney of neotropical fish *Colossoma macropomum* exposed to paraquat at different temperatures.

Diuron exposure induces systemic and organ-specific toxicity following acute and sub-chronic exposure in male Wistar rats.

Roundup effects on oxidative stress parameters and recovery pattern of *Rhamdia quelen*.

Phenylurea herbicides induce cytogenetic effects in Chinese hamster cell lines.

[Study on the prognosis of patients with acute paraquat intoxication].

[Prolonged convulsion after intoxication of alachlor herbicide (Lasso): a case report].

Toxicological responses of *Cyprinus carpio* after exposure to a commercial herbicide containing imazethapyr and imazapic.

Commercial formulation containing quinclorac and metsulfuron-methyl herbicides inhibit acetylcholinesterase and induce biochemical alterations in tissues of *Leporinus obtusidens*.

Effects on antioxidant status of liver following atrazine exposure and its attenuation by vitamin E.

Selenium provides protection to the liver but not the reproductive organs in an atrazine-model of experimental toxicity.

A physiologically based pharmacokinetic model for atrazine and its main metabolites in the adult male C57BL/6 mouse.

Early exposure to low doses of atrazine affects behavior in juvenile and adult CD1 mice.

The effects of Click 500 SC (terbuthylazine) on common carp *Cyprinus carpio* under (sub)chronic conditions.

Effects of subchronic exposure to simazine on zebrafish (*Danio rerio*).

Pesticide risk assessment: A study on inhalation and dermal exposure to 2,4-D and paraquat among Malaysian paddy farmers.

Wheat bran protects Fischer-344 rats from diquat-induced oxidative stress by activating antioxidant system: selenium as an antioxidant.

Hepatic response to oxidative injury in long-lived Ames dwarf mice.

Pathological and genotoxic effects of atrazine in male Japanese quail (*Coturnix japonica*).

Protein conjugated with aldehydes derived from lipid peroxidation as an independent parameter of the carbonyl stress in the kidney damage.

Low-dose oral immunization with lyophilized tissue of herbicide-resistant lettuce expressing hepatitis B surface antigen for prototype plant-derived vaccine tablet formulation.

[Metabolism inhibition stimulates, metabolism activation inhibits cancerogenic activity of ortho-aminoazotoluene in mouse liver].

Effect of diquat-induced oxidative stress on iron metabolism in male Fischer-344 rats.

Soluble epoxide hydrolase contamination of specific catalase preparations inhibits epoxyeicosatrienoic acid vasodilation of rat renal arterioles.

Stereoselective metabolism of the herbicide fluroxypyr methylheptyl ester in rabbits.

Murine hepatic aldehyde dehydrogenase 1a1 is a major contributor to oxidation of aldehydes formed by lipid peroxidation.

Direct analysis of methylated trivalent arsenicals in mouse liver by hydride generation-cryotrapping-atomic absorption spectrometry.

Redox cycling and increased oxygen utilization contribute to diquat-induced oxidative stress and cytotoxicity in Chinese hamster ovary cells overexpressing NADPH-cytochrome P450 reductase.

Atrazine metabolite screening in human microsomes: detection of novel reactive metabolites and glutathione adducts by LC-MS.

Elucidation of a novel bioactivation pathway of a 3,4-unsubstituted isoxazole in human liver microsomes: formation of a glutathione adduct of a cyanoacrolein derivative after isoxazole ring opening.

Chronic subhepatotoxic exposure to arsenic enhances hepatic injury caused by high fat diet in mice.

Environmental- and injury-related epidemic-assistance investigations, 1946-2005.

Aryl hydrocarbon receptor-mediated induction of Stearoyl-CoA desaturase 1 alters hepatic fatty acid composition in TCDD-elicited steatosis.

Biotransformation enzyme-dependent formation of micronucleus and multinuclei in cell line V79-hCYP2E1-hSULT1A1 by 2-nitropropane and N-nitrosodimethylamine.

Identification of aryl hydrocarbon receptor binding targets in mouse hepatic tissue treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Increased hepatic Igf2 gene expression involves C/EBP β in TCDD-induced teratogenesis in rats.

Quantification of PCDD/Fs and dioxin-like PCBs in small amounts of human serum using the sensitive H1L7.5c1 mouse hepatoma cell line: optimization and analysis of human serum samples from adolescents of the Flemish human biomonitoring program FLEHS II.

Nrf2 protects against 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced oxidative injury and steatohepatitis.

Protective role of the methanolic extract of *Icacina trichantha* on sodium arsenite induced genotoxicity and hepatotoxicity.

Third-generation Ah receptor-responsive luciferase reporter plasmids: amplification of dioxin-responsive elements dramatically increases CALUX bioassay sensitivity and responsiveness.

Molecular targets that link dioxin exposure to toxicity phenotypes.

The CALUX bio-assay: analytical comparison between mouse hepatoma cell lines with a low (H1L6.1c3) and high (H1L7.5c1) number of dioxin response elements.

The p38 MAPK inhibitor SB203580 induces cytochrome P450 1A1 gene expression in murine and human hepatoma cell lines through ligand-dependent aryl hydrocarbon receptor activation.

Discovery and biological characterization of 1-(1H-indol-3-yl)-9H-pyrido[3,4-b]indole as an aryl hydrocarbon receptor activator generated by photoactivation of tryptophan by sunlight.

The embryology of the diaphragm.

Identification of differentially expressed genes in the livers of chronically i-As-treated hamsters.

Blunted increase in serum hepcidin as response to oral iron in HFE-hemochromatosis.

Involvement of microRNAs in dioxin-induced liver damage in the mouse.

Fulminant hepatic failure in woman with iron and non-steroidal anti-inflammatory drug intoxication.

Analysis of arsenic metabolites in HepG2 and AS3MT-transfected cells.

Metabolomic analysis of liver and skeletal muscle tissues in C57BL/6J and DBA/2J mice exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Global DNA methylation in the mouse liver is affected by methyl deficiency and arsenic in a sex-dependent manner.

Concomitant exposure to arsenic and organophosphates on tissue oxidative stress in rats.

Therapeutic efficacy of silymarin and naringenin in reducing arsenic-induced hepatic damage in young rats.

Antioxidant effect of vegetable oils containing conjugated linolenic acid isomers against induced tissue lipid peroxidation and inflammation in rat model.

Quantitation of branched-chain amino acids in ascites by capillary electrophoresis with light-emitting diode-induced fluorescence detection.

Molecular and functional characterization of aryl hydrocarbon receptor nuclear translocator 1 (ARNT1) and ARNT2 in chicken (*Gallus gallus*).

Mushroom lectin protects arsenic induced apoptosis in hepatocytes of rodents.

Arsenic: toxicity, oxidative stress and human disease.

A case report of concomitant paroxysmal nocturnal hemoglobinuria and heterozygous β^2 -thalassemia.

Acute tubular necrosis due to cutaneous contact with cresol.

Oxidative stress and hepatic stellate cell activation are key events in arsenic induced liver fibrosis in mice.

Aryl hydrocarbon receptor ligand 2,3,7,8-tetrachlorodibenzo-p-dioxin enhances liver damage in bile duct-ligated mice.

Differential effects of indirubin and 2,3,7,8-tetrachlorodibenzo-p-dioxin on the aryl hydrocarbon receptor (AhR) signalling in liver progenitor cells.

Camel urine inhibits the cytochrome P450 1a1 gene expression through an AhR-dependent mechanism in Hepa 1c1c7 cell line.

[Pharmacokinetics of iron medication and efficacy of therapy with oral iron supplementation].

Acute arsine poisoning confirmed by speciation analysis of arsenic compounds in the plasma and urine by HPLC-ICP-MS.

Dioxins in ascites and serum of women with endometriosis: a pilot study.

Basolateral potassium (IKCa) channel inhibition prevents increased colonic permeability induced by chemical hypoxia.

Carcinogenic effects of "whole-life" exposure to inorganic arsenic in CD1 mice.

Synthesis and biological evaluation of some nitrogen containing steroidal heterocycles.

Actions of juglone on energy metabolism in the rat liver.

The effect of laurel leaf extract against toxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in cultured rat hepatocytes.

Novel stably transfected gene reporter human hepatoma cell line for assessment of aryl hydrocarbon receptor transcriptional activity: construction and characterization.

Identification of major dioxin-like compounds and androgen receptor antagonist in acid-treated tissue extracts of high trophic-level animals.

Licorice extract increases cyclophosphamide teratogenicity by upregulating the expression of cytochrome P-450 2B mRNA.

Molecular mechanisms of cold-induced CYP1A activation in rat liver microsomes.

Rat H9c2 cardiac myocytes are sensitive to arsenite due to a modest activation of transcription factor Nrf2.

Stereoselective metabolism of fenoxaprop-ethyl and its chiral metabolite fenoxaprop in rabbits.

Construction and characterization of hepatocyte nuclear factor HNF4 α 1 over-expressing cell line derived from human hepatoma HepG2 cells.

Transcriptional modulation of the NAD(P)H:quinone oxidoreductase 1 by mercury in human hepatoma HepG2 cells.

Non-additive hepatic gene expression elicited by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB153) co-treatment in C57BL/6 mice.

Construction and characterization of Japanese medaka (*Oryzias latipes*) hepatic cDNA library and its implementation to biomarker screening in aquatic toxicology.

Hepatic in vitro toxicity assessment of PBDE congeners BDE47, BDE153 and BDE154 in Atlantic salmon (*Salmo salar* L.).

Sodium arsenite-induced alteration in hepatocyte function of rat with special emphasis on superoxide dismutase expression pathway and its prevention by mushroom lectin.

Photoirradiation of dehydropyrrolizidine alkaloids--formation of reactive oxygen species and induction of lipid peroxidation.

Transcriptomics identifies differences between ultrapure non-dioxin-like polychlorinated biphenyls (PCBs) and dioxin-like PCB126 in cultured peripheral blood mononuclear cells.

A metabolic system-wide characterisation of the pig: a model for human physiology.

Transcriptional profiles induced by the Aryl Hydrocarbon Receptor agonists 2,3,7,8-tetrachlorodibenzo-p-dioxin, 2,3,7,8-tetrachlorodibenzofuran and 2,3,4,7,8-pentachlorodibenzofuran in primary rat hepatocytes.

The interplay of the aryl hydrocarbon receptor and β -catenin alters both AhR-dependent transcription and Wnt/ β -catenin signaling in liver progenitors.

Development of a co-culture model for in vitro toxicological studies in Atlantic salmon.

Protective role of *Moringa oleifera* (Sajina) seed on arsenic-induced hepatocellular degeneration in female albino rats.

Integration of genome-wide computation DRE search, AhR ChIP-chip and gene expression analyses of TCDD-elicited responses in the mouse liver.

Herbal bioactivation, molecular targets and the toxicity relevance.

[Effects of inorganic arsenic on mRNA expression of Nrf2 and Nrf2-regulated downstream anti-oxidant enzymes in Chang hepatocytes].

Effect of oral coadministration of artesunate with ferrous sulfate on rat liver mitochondrial membrane permeability transition.

Reduced cytochrome P4501A activity and recovery from oxidative stress during subchronic benzo[a]pyrene and benzo[e]pyrene treatment of rainbow trout.

Developmental and posthatch effects of in ovo exposure to 2,3,7,8-TCDD, 2,3,4,7,8-PECDF, and 2,3,7,8-TCDF in Japanese quail (*Coturnix japonica*), common pheasant (*Phasianus colchicus*), and white leghorn chicken (*Gallus gallus domesticus*) embryos.

Coordinate regulation of cytochrome P450 1a1 expression in mouse liver by the aryl hydrocarbon receptor and the beta-catenin pathway.

Sodium arsenite and hyperthermia modulate cisplatin-DNA damage responses and enhance platinum accumulation in murine metastatic ovarian cancer xenograft after hyperthermic intraperitoneal chemotherapy (HIPEC).

Hepatic effects of a highly purified 2,2',3,4,4',5,5'-heptachlorbiphenyl (PCB 180) in male and female rats.

Lack of change in microRNA expression in adult mouse liver following treatment with benzo(a)pyrene despite robust mRNA transcriptional response.

Protopine and allocryptopine increase mRNA levels of cytochromes P450 1A in human hepatocytes and HepG2 cells independently of AhR.

Biochemical markers of contamination in fish toxicity tests.

Protective role of selenium against over-expression of cancer-related apoptotic genes induced by o-cresol in rats.

Assessing the genotoxic potentials of arsenic in tilapia (*Oreochromis mossambicus*) using alkaline comet assay and micronucleus test.

Antioxidative effects of curcumin, β -myrcene and 1,8-cineole against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced oxidative stress in rats liver.

An untargeted multi-technique metabolomics approach to studying intracellular metabolites of HepG2 cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Astaxanthin inhibits sodium azide-induced cytotoxicity in hepatocyte L-02 cells probably by H⁺ transferring function].

Efficient sequential synthesis of PET Probes of the COX-2 inhibitor [¹¹C]celecoxib and its major metabolite [¹¹C]SC-62807 and in vivo PET evaluation.

2,3,7,8-Tetrachlorodibenzo-p-dioxin impairs iron homeostasis by modulating iron-related proteins expression and increasing the labile iron pool in mammalian cells.

Tissue-specific and dose-related accumulation of arsenic in mouse offspring following maternal consumption of arsenic-contaminated water.

Differences in TCDD-elicited gene expression profiles in human HepG2, mouse Hepa1c1c7 and rat H4IIE hepatoma cells.

c-Src is required for complex formation between the hepatitis C virus-encoded proteins NS5A and NS5B: a prerequisite for replication.

Influence of TI(+) on mitochondrial permeability transition pore in Ca(2+)-loaded rat liver mitochondria.

Retention and maternal transfer of brominated dioxins in zebrafish (*Danio rerio*) and effects on reproduction, aryl hydrocarbon receptor-regulated genes, and ethoxyresorufin-O-deethylase (EROD) activity.

Dioxin toxicity, aryl hydrocarbon receptor signaling, and apoptosis-persistent pollutants affect programmed cell death.

Realgar and realgar-containing Liu-Shen-Wan are less acutely toxic than arsenite and arsenate.

Proteomic mapping of bezafibrate-treated human hepatocytes in primary culture using two-dimensional liquid chromatography.

Hepatic transcriptomic responses to TCDD in dioxin-sensitive and dioxin-resistant rats during the onset of toxicity.

Isotopomer enrichment assay for very short chain fatty acids and its metabolic applications.

Transcriptional response of hepatic largemouth bass (*Micropterus salmoides*) mRNA upon exposure to environmental contaminants.

Inhibition of cyclophosphamide-induced oxidative stress in rat brain by polar and non-polar extracts of Annatto (*Bixa orellana*) seeds.

Bioaccumulation of dioxin-like substances and selected brominated flame retardant congeners in the fat and livers of black pigs farmed within the Nebrodi Regional Park of Sicily.

Realgar- and cinnabar-containing an-gong-niu-huang wan (AGNH) is much less acutely toxic than sodium arsenite and mercuric chloride.

Regulation of benzo[a]pyrene-mediated DNA- and glutathione-adduct formation by 2,3,7,8-tetrachlorodibenzo-p-dioxin in human lung cells.

Polychlorinated dibenzo-p-dioxins and dibenzofurans in different tissues of the cormorants (*Phalacrocorax carbo*) from Dongting Lake, China.

Acute mitochondrial actions of glitazones on the liver: a crucial parameter for their antidiabetic properties.

Hepatic xenobiotic metabolizing enzyme and transporter gene expression through the life stages of the mouse.

Human cytochrome P450 1A1 is a novel target gene of liver X receptor $\hat{\pm}$.

Enhanced hepatotoxicity induced by repeated exposure to polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin in combination in male rats.

NTP toxicity studies of toxicity studies of 2,4-decadienal (CAS No. 25152-84-5) administered by gavage to F344/N Rats and B6C3F1 mice.

Evaluation of Iron-induced Oxidative Stress and its Amelioration by Certain Herbs in Broilers.

Levels and congener profiles of PCBs and PCDD/Fs in blue shark (*Prionace glauca*) liver from the South-Eastern Mediterranean Sea (Italy).

The aryl hydrocarbon receptor pathway and the response to 3-methylcholanthrene are altered in the liver of adrenalectomized rats.

Expression and purification of the membrane protein p7 from hepatitis C virus.

In vivo and in vitro mixed-function oxygenase activity and vitellogenin induction in fish and in fish and rat liver cells by stilbenes isolated from scotch pine (*Pinus sylvestris*).

Maneb and paraquat-induced modulation of toxicant responsive genes in the rat liver: comparison with polymorphonuclear leukocytes.

A fatal case of paraquat ingestion: clinical course and review of pathophysiology.

Relative inhibitory potency of molinate and metabolites with aldehyde dehydrogenase 2: implications for the mechanism of enzyme inhibition.

Mechanisms of olfactory toxicity of the herbicide 2,6-dichlorobenzonitrile: essential roles of CYP2A5 and target-tissue metabolic activation.

Identification of differential hepatic proteins in rare minnow (*Gobiocypris rarus*) exposed to pentachlorophenol (PCP) by proteomic analysis.

Glyphosate-surfactant herbicide-induced reversible encephalopathy.

PCB congener specific oxidative stress response by microarray analysis using human liver cell line.

Exposure to acrolein by inhalation causes platelet activation.

Effects of Roundup Transorb on fish: hematology, antioxidant defenses and acetylcholinesterase activity.

Impacts of mixtures of herbicides on molecular and physiological responses of the European flounder *Platichthys flesus*.

Hepatotoxicity induced by sub-acute exposure of rats to 2,4-Dichlorophenoxyacetic acid based herbicide "DÃ©sormone lourde".

Toxicity of the herbicide atrazine: effects on lipid peroxidation and activities of antioxidant enzymes in the freshwater fish *Channa punctatus* (Bloch).

Oxidative stress biomarkers in *Cyprinus carpio* exposed to commercial herbicide bispyribac-sodium.

Alterations in mRNA expression of steroid receptors and heat shock proteins in the liver of rare minnow (*Gobiocypris rarus*) exposed to atrazine and p,p'-DDE.

Spectrum of corrosive esophageal injury after intentional paraquat ingestion.

Desmoplastic small round-cell tumor: an adult with previous exposure to agent orange.

Assessment of oxidative stress in *Rhamdia quelen* exposed to agrichemicals.

Oxidative stress responses in rainbow trout (*Oncorhynchus mykiss*) hepatocytes exposed to pro-oxidants and a complex environmental sample.

[Thyroid disruption induced by pentachlorophenol].

[Analysis of cardiac toxicity caused by cyclophosphamide in the H9c2 cell line and isolated and perfused rat hearts].

Oral administration of paraquat perturbs immunoglobulin productivity in mouse.

Low levels of the herbicide atrazine alter sex ratios and reduce metamorphic success in *Rana pipiens* tadpoles raised in outdoor mesocosms.

Herbicide formulation with glyphosate affects growth, acetylcholinesterase activity, and metabolic and hematological parameters in piava (*Leporinus obtusidens*).

Effects of sub-chronic exposure to terbutryn in common carp (*Cyprinus carpio* L.).

Acrolein consumption induces systemic dyslipidemia and lipoprotein modification.

Oxidative stress response and gene expression with atrazine exposure in adult female zebrafish (*Danio rerio*).

Protective effects of *Forsythia suspensa* extract against oxidative stress induced by diquat in rats.

[Acute poisoning due to chemical substances inducing methemoglobinemia--two cases report].

Roundup causes oxidative stress in liver and inhibits acetylcholinesterase in muscle and brain of the fish *Prochilodus lineatus*.

Oxidatively generated DNA damage induced by 3-amino-5-mercapto-1,2,4-triazole, a metabolite of carcinogenic amitrole.

Acetaminophen, via its reactive metabolite N-acetyl-p-benzo-quinoneimine and transient receptor potential ankyrin-1 stimulation, causes neurogenic inflammation in the airways and other tissues in rodents.

Effects of exogenous GSH and methionine on methylation of inorganic arsenic in mice exposed to arsenite through drinking water.

Insulinotropic effect of cinnamaldehyde on transcriptional regulation of pyruvate kinase, phosphoenolpyruvate carboxykinase, and GLUT4 translocation in experimental diabetic rats.

[Effect of hepatocarcinogenicity of estragole on the glucocorticoid-mediated induction of liver-specific enzymes and the activity of the transcription factors FOXA and HNF4 in the liver of mouse and rat].

Subcellular localization of the amide class herbicide 3,4-dichloropropionanilide (DCPA) in T cells and hepatocytes.

Effect of defatted methanolic extract of *Holarrhena floribunda* leaves in sodium arsenite-induced clastogenicity in Wistar albino rats.

[Effects of α -lipoic acid and vitamin C on oxidative stress in rat exposed to chronic arsenic toxicity].

Aryl hydrocarbon receptor nuclear translocator in hepatocytes is required for aryl hydrocarbon receptor-mediated adaptive and toxic responses in liver.

Radiochemical synthesis, rodent biodistribution and tumor uptake, and dosimetry calculations of [^{14}C] methylated LY2181308.

Aqueous and ethanolic leaf extracts of *Ocimum basilicum* (sweet basil) protect against sodium arsenite-induced hepatotoxicity in Wistar rats.

The aryl hydrocarbon receptor-interacting protein (AIP) is required for dioxin-induced hepatotoxicity but not for the induction of the Cyp1a1 and Cyp1a2 genes.

Functional analysis of six human aryl hydrocarbon receptor variants in human breast cancer and mouse hepatoma cell lines.

Toxicology and carcinogenesis studies of 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (CAS No. 31508-00-6) in female Harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 3,3',4,4'-tetrachloroazobenzene (TCAB) (CAS No. 14047-09-7) in Harlan Sprague-Dawley rats and B6C3F1 mice (gavage studies).

A case of black urine and dark skin - cresol poisoning.

NMR-based metabonomic analysis of the hepatotoxicity induced by combined exposure to PCBs and TCDD in rats.

Suppression of hepatic oxidative events and regulation of eNOS expression in the liver by naringenin in fructose-administered rats.

Toxicogenomic analysis of exposure to TCDD, PCB126 and PCB153: identification of genomic biomarkers of exposure to AhR ligands.

hsa-miR-191 is a candidate oncogene target for hepatocellular carcinoma therapy.

The activated aryl hydrocarbon receptor synergizes mitogen-induced murine liver hyperplasia.

Non-genomic action of TCDD to induce inflammatory responses in HepG2 human hepatoma cells and in liver of C57BL/6J mice.

Protective effects of crude garlic by reducing iron-mediated oxidative stress, proliferation and autophagy in rats.

Cytochrome P4501A1 is required for vascular dysfunction and hypertension induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Protective role of tannin-rich fraction of *Camellia sinensis* in tissue arsenic burden in Sprague Dawley rats.

Flavin-containing monooxygenase-3: induction by 3-methylcholanthrene and complex regulation by xenobiotic chemicals in hepatoma cells and mouse liver.

A novel role for the dioxin receptor in fatty acid metabolism and hepatic steatosis.

Quantitative and statistical analysis of differences in sensitivity between Long-Evans and Han/Wistar rats following long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Quercetin in vesicular delivery systems: evaluation in combating arsenic-induced acute liver toxicity associated gene expression in rat model.

Withdrawal symptoms after gabapentin discontinuation.

Toxicity of Bromkal 70-5DE, a technical mixture of polybrominated diphenyl ethers, following 28 d of oral exposure in rats and impact of analysed impurities.

2,3,7,8-tetrachlorodibenzo-p-dioxin counteracts the p53 response to a genotoxicant by upregulating expression of the metastasis marker *agr2* in the hepatocarcinoma cell line HepG2.

Reversible mitochondrial uncoupling in the cold phase during liver preservation/reperfusion reduces oxidative injury in the rat model.

Hepatoprotective effects of apple polyphenols on CCl₄-induced acute liver damage in mice.

Disruption of CLOCK-BMAL1 transcriptional activity is responsible for aryl hydrocarbon receptor-mediated regulation of *Period1* gene.

Kynurenic acid is a potent endogenous aryl hydrocarbon receptor ligand that synergistically induces interleukin-6 in the presence of inflammatory signaling.

Complex gene-chemical interactions: hepatic uroporphyrin as a paradigm.

Differential regulation of the dioxin-induced Cyp1a1 and Cyp1b1 genes in mouse hepatoma and fibroblast cell lines.

The effects of an in utero exposure to 2,3,7,8-tetrachloro-dibenzo-p-dioxin on male reproductive function: identification of Ccl5 as a potential marker.

Temporal and anatomical sensitivities to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin leading to premature acyclicity with age in rats.

Differential gene regulation by the human and mouse aryl hydrocarbon receptor.

HBx targeting to mitochondria and ROS generation are necessary but insufficient for HBV-induced cyclooxygenase-2 expression.

Distribution and speciation of arsenic by transplacental and early life exposure to inorganic arsenic in offspring rats.

PCB153-elicited hepatic responses in the immature, ovariectomized C57BL/6 mice: comparative toxicogenomic effects of dioxin and non-dioxin-like ligands.

L-Ascorbate protects rat hepatocytes against sodium arsenite--induced cytotoxicity and oxidative damage.

Ground-glass-like hepatocellular inclusions in the course of adult-onset Still's disease.

Arsenic transformations and biomarkers in meadow voles (*Microtus pennsylvanicus*) living on an abandoned gold mine site in Montague, Nova Scotia, Canada.

Anti-mutagenic and anti-carcinogenic potential of the carotenoid meso-zeaxanthin.

Protective role of zinc in ameliorating arsenic-induced oxidative stress and histological changes in rat liver.

Inhibitory effects of uraemic toxins 3-indoxyl sulfate and p-cresol on losartan metabolism in vitro.

Indian spice curcumin may be an effective strategy to combat the genotoxicity of arsenic in Swiss albino mice.

The effect of TCDD dioxin on the rat liver in biochemical and histological assessment.

Protective effects of the antioxidant 4b,5,9b,10-tetrahydroindeno[1,2-b]indole against TCDD toxicity in C57BL/6J mice.

Mercury modulates the CYP1A1 at transcriptional and posttranslational levels in human hepatoma HepG2 cells.

Identification of the aryl hydrocarbon receptor target gene TiPARP as a mediator of suppression of hepatic gluconeogenesis by 2,3,7,8-tetrachlorodibenzo-p-dioxin and of nicotinamide as a corrective agent for this effect.

Dioxins and human toxicity.

Metabolism and toxicity of menthofuran in rat liver slices and in rats.

Relationship between persistent halogenated organic contaminants and TCDD-toxic equivalents on EROD activity and retinoid and thyroid hormone status in northern fulmars.

Characterization of the avian aryl hydrocarbon receptor 1 from blood using non-lethal sampling methods.

Human and rat primary hepatocyte CYP1A1 and 1A2 induction with 2,3,7,8-tetrachlorodibenzo-p-dioxin, 2,3,7,8-tetrachlorodibenzofuran, and 2,3,4,7,8-pentachlorodibenzofuran.

Automated dose-response analysis and comparative toxicogenomic evaluation of the hepatic effects elicited by TCDD, TCDF, and PCB126 in C57BL/6 mice.

Highly purified hexachlorobenzene induces cytochrome P4501A in primary cultures of chicken embryo hepatocytes.

Acute toxicity of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) in male Sprague-Dawley rats: effects on hepatic oxidative stress, glutathione and metals status.

Effects of olive oil and its fractions on oxidative stress and the liver's fatty acid composition in 2,4-Dichlorophenoxyacetic acid-treated rats.

Dig1 protects against cell death provoked by glyphosate-based herbicides in human liver cell lines.

Debate on GMOs health risks after statistical findings in regulatory tests.

Incorporating human dosimetry and exposure into high-throughput in vitro toxicity screening.

Transcriptional and posttranscriptional regulation of CYP1A1 by vanadium in human hepatoma HepG2 cells.

Stress inducible heat shock protein 70: a potent molecular and toxicological signature in arsenic exposed broiler chickens.

2,3,4,7,8-pentachlorodibenzofuran is a more potent cytochrome P4501A inducer than 2,3,7,8-tetrachlorodibenzo-p-dioxin in herring gull hepatocyte cultures.

Involvement of aryl hydrocarbon receptor in basal and 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced expression of target genes in primary human hepatocytes.

Modulation of NAD(P)H:quinone oxidoreductase by vanadium in human hepatoma HepG2 cells.

Differential effects of polychlorinated biphenyl congeners on serum thyroid hormone levels in rats.

AhR-agonistic, anti-androgenic, and anti-estrogenic potencies of 2-isopropylthioxanthone (ITX) as determined by in vitro bioassays and gene expression profiling.

Regulation of the human CHOP gene promoter by the stress response transcription factor ATF5 via the AARE1 site in human hepatoma HepG2 cells.

Computational experiments reveal plausible mechanisms for changing patterns of hepatic zonation of xenobiotic clearance and hepatotoxicity.

Distribution of 14C-2,3,7,8-tetrachlorodibenzo-p-dioxin to the brain and peripheral tissues of fetal rats and its comparison with adults.

Genomic indicators in the blood predict drug-induced liver injury.

Aryl hydrocarbon receptor is a transcriptional activator of the human breast cancer resistance protein (BCRP/ABCG2).

Effects of in ovo exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic AHR/ARNT-CYP1A signaling pathways in common cormorants (*Phalacrocorax carbo*).

Properties of blood, porphyrins, and exposure to legacy and emerging persistent organic pollutants in surf scoters (*Melanitta perspicillata*) overwintering on the south coast of British Columbia, Canada.

[Effects of catalase activators and inhibitors on ethanol pharmacokinetic characteristics and ethanol and aldehyde-metabolizing enzyme activities in the rat liver and brain].

Dioxin-like and perfluorinated compounds in pigs in an Indian open waste dumping site: toxicokinetics and effects on hepatic cytochrome P450 and blood plasma hormones.

The effects of dietary boric acid and borax supplementation on lipid peroxidation, antioxidant activity, and DNA damage in rats.

Predicting PCDD/F and dioxin-like PCB contamination levels in bovine edible tissues from in vivo sampling.

Effects of TCDD on the expression of nuclear encoded mitochondrial genes.

Cellular uptake, subcellular distribution and toxicity of arsenic compounds in methylating and non-methylating cells.

Arsenite induces aquaglyceroporin 9 expression in murine livers.

The clock genes period 1 and period 2 mediate diurnal rhythms in dioxin-induced Cyp1A1 expression in the mouse mammary gland and liver.

Ethoxyresorufin O-deethylase induction by TCDD, PeCDF and TCDF in ring-necked pheasant and Japanese quail hepatocytes: Time-dependent effects on concentration-response curves.

Effects of folate on arsenic toxicity in Chang human hepatocytes: involvement of folate antioxidant properties.

Induction of hepatic carbonyl reductase/20beta-hydroxysteroid dehydrogenase mRNA in rainbow trout downstream from sewage treatment works--possible roles of aryl hydrocarbon receptor agonists and oxidative stress.

Hepatic CYP1A induction by chlorinated dioxins and related compounds in the endangered black-footed albatross from the North Pacific.

Toxicological application of primary hepatocyte cell cultures of Atlantic cod (*Gadus morhua*)--effects of BNF, PCDD and Cd.

Isoform distinct time-, dose-, and castration-dependent alterations in flavin-containing monooxygenase expression in mouse liver after 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment.

Evaluation of a liver micronucleus assay in young rats (III): a study using nine hepatotoxicants by the Collaborative Study Group for the Micronucleus Test (CSGMT)/Japanese Environmental Mutagen Society (JEMS)-Mammalian Mutagenicity Study Group (MMS).

Aryl hydrocarbon receptor (AHR)-regulated transcriptomic changes in rats sensitive or resistant to major dioxin toxicities.

Cryopreserved hepatocytes from rainbow trout (*Oncorhynchus mykiss*): a validation study to support their application in bioaccumulation assessment.

Early-age changes in oxidative stress in brown trout, *Salmo trutta*.

Induction of GST-P-positive proliferative lesions facilitating lipid peroxidation with possible involvement of transferrin receptor up-regulation and ceruloplasmin down-regulation from the early stage of liver tumor promotion in rats.

Xenobiotic-metabolizing cytochromes p450 in human white adipose tissue: expression and induction.

Fusion of the endoplasmic reticulum and mitochondrial outer membrane in rats brown adipose tissue: activation of thermogenesis by Ca²⁺.

Oxidative and nitrosative stress in experimental rat liver fibrosis: Protective effect of taurine.

[Comparative characteristic of lactate dehydrogenase properties from the white muscles and liver of goldfish (*Carassius auratus* L.)].

Effect of paraquat-induced oxidative stress on insulin regulation of insulin-like growth factor-binding protein-1 gene expression.

The actions of fisetin on glucose metabolism in the rat liver.

Development of TEFs for PCB congeners by using an alternative biomarker--thyroid hormone levels.

NTPDase family in zebrafish: Nucleotide hydrolysis, molecular identification and gene expression profiles in brain, liver and heart.

Effects of dinuclear copper(II) complexes with 6-(benzylamino)purine derivatives on AhR and PXR dependent expression of cytochromes P450 CYP1A2 and CYP3A4 genes in primary cultures of human hepatocytes.

Interaction between oxidative stress sensor Nrf2 and xenobiotic-activated aryl hydrocarbon receptor in the regulation of the human phase II detoxifying UDP-glucuronosyltransferase 1A10.

Evidence for thyroid endocrine disruption in wild fish in San Francisco Bay, California, USA. Relationships to contaminant exposures.

High levels of polychlorinated dibenzo-dioxins/furans and dioxin like-PCBs found in monitoring investigations of sheep liver samples from Lower Saxony, Germany.

Influence of repeated preexposure to arsenic on acetaminophen-induced oxidative stress in liver of male rats.

Cytochrome P4501A induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin and two chlorinated dibenzofurans in primary hepatocyte cultures of three avian species.

Gender-linked haematopoietic and metabolic disturbances induced by a pesticide mixture administered at low dose to mice.

Evaluation of mutagenicity of mebudipine, a new calcium channel blocker.

Xenobiotic metabolism of bank vole (*Myodes glareolus*) exposed to PCDDs.

Effects of growth hormone and insulin-like growth factor-I on the iron-induced lipid peroxidation in the rat liver and porcine thyroid homogenates.

Pressure activates Src-dependent FAK-Akt and ERK1/2 signaling pathways in rat hepatic stellate cells.

The new generation of intravenous iron: chemistry, pharmacology, and toxicology of ferric carboxymaltose.

[The effect of 2,4-dinitrophenol on the intensity of oxidative processes in the rat liver during prolonged experiment].

Fluorescence-based liver microsomal assay for screening of pharmaceutical reactive metabolites using a glutathione conjugated 96-well plate.

Mutagenic activities of a chlorination by-product of butamifos, its structural isomer, and their related compounds.

Pyrrroloquinoline quinone stimulates mitochondrial biogenesis through cAMP response element-binding protein phosphorylation and increased PGC-1alpha expression.

Protective effect of *Corchorus olitorius* leaves on sodium arsenite-induced toxicity in experimental rats.

Altered metabolisms of mediators controlling vascular function and enhanced oxidative stress in asymptomatic children with congenital portosystemic venous shunt.

Successful treatment of paraquat poisoning by Xuebijing, an injection concocted from multiple Chinese medicinal herbs: a case report.

Toxicity assessment of the herbicide metolachlor comparative effects on bacterial and mitochondrial model systems.

Clinical implication of urinary neutrophil gelatinase-associated lipocalin and kidney injury molecule-1 in patients with acute paraquat intoxication.

Subacute effect of 2,4-dichlorophenoxyacetic acid on rat liver tissue: histochemical and immunohistochemical study.

Effects of atrazine on cytochrome P450 enzymes of zebrafish (*Danio rerio*).

Effect of pesticides on cell survival in liver and brain rat tissues.

Water extracts of *Brassica oleracea* var. *costata* potentiate paraquat toxicity to rat hepatocytes in vitro.

Arsenite and its metabolites, MMA(III) and DMA(III), modify CYP3A4, PXR and RXR alpha expression in the small intestine of CYP3A4 transgenic mice.

Glyphosate-based herbicides are toxic and endocrine disruptors in human cell lines.

Low toxic herbicide Roundup induces mild oxidative stress in goldfish tissues.

Long-lived ames dwarf mice are resistant to chemical stressors.

Induction of oxidative stress and apoptosis by pentachlorophenol in primary cultures of *Carassius carassius* hepatocytes.

Development of PBPK model of molinate and molinate sulfoxide in rats and humans.

Western blot analysis for 4-hydroxy-2-nonenal (HNE)-modified proteins in paraquat-treated mice.

Oxidant stress-induced liver injury in vivo: role of apoptosis, oncotic necrosis, and c-Jun NH2-terminal kinase activation.

Genotoxicity of AMPA, the environmental metabolite of glyphosate, assessed by the Comet assay and cytogenetic tests.

Effects of propanil on the European eel *Anguilla anguilla* and post-exposure recovery using selected biomarkers as effect criteria.

Serum total antioxidant statuses of survivors and nonsurvivors after acute paraquat poisoning.

Effect of a subchronic exposure to simazine on energetic metabolism of common carp (*Cyprinus carpio*).

Effects of subchronic exposure to Successor 600 (pethoxamid 600 g L⁻¹) on common carp *Cyprinus carpio*.

A review: oxidative stress in fish induced by pesticides.

Effects of atrazine on hepatic metabolism and endocrine homeostasis in rainbow trout (*Oncorhynchus mykiss*).

Increased sensitivity of glutathione S-transferase P-null mice to cyclophosphamide-induced urinary bladder toxicity.

Staphylococcal catalase regulates its virulence and induces arthritis in catalase deficient mice.

Acrolein, a ubiquitous pollutant and lipid hydroperoxide product, inhibits antiviral activity of interferon-alpha: relevance to hepatitis C.

2'-Benzoyloxycinnamaldehyde inhibits tumor growth in H-ras12V transgenic mice via downregulation of metallothionein.

Chronic exposure to the herbicide, atrazine, causes mitochondrial dysfunction and insulin resistance.

Bioaccumulation and biotransformation of brominated and chlorinated contaminants and their metabolites in ringed seals (*Pusa hispida*) and polar bears (*Ursus maritimus*) from East Greenland.

1-Cyano-2,3-epithiopropene is a novel plant-derived chemopreventive agent which induces cytoprotective genes that afford resistance against the genotoxic alpha,beta-unsaturated aldehyde acrolein.

Metabolism of flufenpyr-ethyl in rats and mice.

Time course of arsenic species in the brain and liver of mice after oral administration of arsenate.

Genetic variants in multidrug and toxic compound extrusion-1, hMATE1, alter transport function.

Disposition of the herbicide 2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine (Atrazine) and its major metabolites in mice: a liquid chromatography/mass spectrometry analysis of urine, plasma, and tissue levels.

Effect of long-term exposure to simazine on histopathology, hematological, and biochemical parameters in *Cyprinus carpio*.

Plasma pharmacokinetics and metabolism of the antitumour drug candidate 2'-benzyloxycinnamaldehyde in rats.

Lymphatic and portal vein absorption of organochlorine compounds in rats.

Transcriptional changes associated with reduced spontaneous liver tumor incidence in mice chronically exposed to high dose arsenic.

Requirement of arsenic biomethylation for oxidative DNA damage.

Non-dioxin-like-PCBs phosphorylate Mdm2 at Ser166 and attenuate the p53 response in HepG2 cells.

Serum gamma-glutamyltransferase: new insights about an old enzyme.

Automated dose-response analysis of the relative hepatic gene expression potency of TCDF in C57BL/6 mice.

Marked iron overload related to ribavirin and iron sulfate treatment in a patient with active viral C cirrhosis.

The inhibition effect of 2,3,7,8-tetrachlorinated dibenzo-p-dioxin-induced aryl hydrocarbon receptor activation in human hepatoma cells with the treatment of cadmium chloride.

Aryl hydrocarbon receptor-mediated induction of the cytosolic phospholipase A(2)alpha gene by 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse hepatoma Hepa-1c1c7 cells.

Inter-tissue distribution and evaluation of potential toxicity of PCBs in Baltic cod (*Gadus morhua* L.).

Comparative hepatotoxicity and clastogenicity of sodium arsenite and three petroleum products in experimental Swiss Albino Mice: the modulatory effects of Aloe vera gel.

Nrf2 protects against As(III)-induced damage in mouse liver and bladder.

Changes in serum hepcidin levels in acute iron intoxication in a rat model.

Inhibition of UV-C light-induced apoptosis in liver cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Evaluation of the rodent Hershberger bioassay on intact juvenile males--testing of coded chemicals and supplementary biochemical investigations.

Impact of life stage and duration of exposure on arsenic-induced proliferative lesions and neoplasia in C3H mice.

Health profiles of methyl bromide applicators in greenhouses in Turkey.

Phyllanthus urinaria extract attenuates acetaminophen induced hepatotoxicity: involvement of cytochrome P450 CYP2E1.

Determination of boron distribution in rat's brain, kidney and liver.

Metal interference on luciferase activity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in bioassays of recombinant mouse hepatoma cells.

[Model establishment of liver fibrosis in oral arsenic solution exposed mice].

The protective role of HO-1 and its generated products (CO, bilirubin, and Fe) in ethanol-induced human hepatocyte damage.

Influence of aryl hydrocarbon- (Ah) receptor and genotoxins on DNA repair gene expression and cell survival of mouse hepatoma cells.

PCBs and the energy cost of migration in the European eel (*Anguilla anguilla* L.).

Attenuation of 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity by resveratrol: a comparative study with different routes of administration.

Suppression of cytochrome P450 1A1 expression induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse hepatoma hepa-1c1c7 cells treated with serum of (-)-epigallocatechin-3-gallate- and green tea extract-administered rats.

Structure-effect relationship in the down-regulation of glutaminase in cultured human cells by phenylarsenic compounds.

Possible involvement of arylhydrocarbon receptor variants in TCDD-induced thymic atrophy and XRE-dependent transcriptional activity in Wistar Hannover GALAS rats.

CYP1B1, but not CYP1A1, is downregulated by promoter methylation in colorectal cancers.

The role of the dioxin-responsive element cluster between the Cyp1a1 and Cyp1a2 loci in aryl hydrocarbon receptor biology.

Tumor promoting and co-carcinogenic effects in medium-term rat hepatocarcinogenesis are not modified by co-administration of 12 pesticides in mixture at acceptable daily intake.

Selection of cytotoxicity markers for the screening of new chemical entities in a pharmaceutical context: a preliminary study using a multiplexing approach.

Activation of the aryl hydrocarbon receptor by TCDD inhibits senescence: a tumor promoting event?

A new cross-talk between the aryl hydrocarbon receptor and RelB, a member of the NF-kappaB family.

Bioactivation of the phytoestrogen diosmetin by CYP1 cytochromes P450.

Ethanol extract of *Allium sativum* attenuates testicular and liver toxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats.

Expression of hepcidin and other iron-related genes in type 3 hemochromatosis due to a novel mutation in transferrin receptor-2.

Effects of leaves extract of *Ocimum sanctum* L. on arsenic-induced toxicity in Wistar albino rats.

Cytotoxicity and phytotoxicity of trichothecene macrolides from *Myrothecium gramminum*.

A stable and sensitive testing system for potential carcinogens based on DNA damage-induced gene expression in human HepG2 cell.

Toxicology laboratory analysis and human exposure to p-chloroaniline.

Reproductive and developmental toxicity screening study of 2,4-dinitrophenol in rats.

2,3,7,8-TCDD neurotoxicity in neuroblastoma cells is caused by increased oxidative stress, intracellular calcium levels, and tau phosphorylation.

Ferric carboxymaltose: a review of its use in iron-deficiency anaemia.

Molecular cloning and oxidative modification of human lens ALDH1A1: implication in impaired detoxification of lipid aldehydes.

Hepatic and vascular mRNA expression in adult zebrafish (*Danio rerio*) following exposure to benzo-a-pyrene and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Fetal arsenic exposure appears to facilitate endocrine disruption by postnatal diethylstilbestrol in neonatal mouse adrenal.

Glucocorticoid and adrenalectomy effects on the rat aryl hydrocarbon receptor pathway depend on the dosing regimen and post-surgical time.

Heparan sulfate proteoglycans are required for cellular binding of the hepatitis E virus ORF2 capsid protein and for viral infection.

The pleiotropy of dioxin toxicity--xenobiotic misappropriation of the aryl hydrocarbon receptor's alternative physiological roles.

Estimates of cancer potency of 2,3,7,8-tetrachlorodibenzo(p)dioxin using linear and nonlinear dose-response modeling and toxicokinetics.

The mammalian aryl hydrocarbon (Ah) receptor: from mediator of dioxin toxicity toward physiological functions in skin and liver.

Examination of Zolpidem effects on AhR- and PXR-dependent expression of drug-metabolizing cytochromes P450 in primary cultures of human hepatocytes.

Cytotoxicity and mitochondrial dysfunction of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in isolated rat hepatocytes.

Factorial design applied for multiple endpoint toxicity evaluation in Atlantic salmon (*Salmo salar* L.) hepatocytes.

Mst1-FoxO signaling protects Na⁺-ve T lymphocytes from cellular oxidative stress in mice.

The effect of dose on 2,3,7,8-TCDD tissue distribution, metabolism and elimination in CYP1A2 (-/-) knockout and C57BL/6N parental strains of mice.

Antioxidant defense system in rats simultaneously intoxicated with agrochemicals.

Oxidative stress responses of rats exposed to Roundup and its active ingredient glyphosate.

The inducibility of human cytochrome P450 1A by environmental-relevant xenobiotics in the human hepatoma derived cell line HepG2.

Hemangiomas, angiosarcomas, and vascular malformations represent the signaling abnormalities of pathogenic angiogenesis.

Dioxin-dependent and dioxin-independent gene batteries: comparison of liver and kidney in AHR-null mice.

Beta-naphthoflavone causes an AhR-independent inhibition of invasion and intracellular multiplication of *Listeria monocytogenes* in murine hepatocytes.

Divergent transcriptomic responses to aryl hydrocarbon receptor agonists between rat and human primary hepatocytes.

Comparative analysis of AhR-mediated TCDD-elicited gene expression in human liver adult stem cells.

Model estimates bioaccumulation of total PCBs, dioxin-furan TEQs, and total mercury in mink liver based on concentrations in Lake Ontario water.

Histological lesions in mink jaws are a highly sensitive biomarker of effect after exposure to TCDD-like chemicals: field and literature-based confirmations.

Highly effective binding of viologens by p-sulfonatocalixarenes for the treatment of viologen poisoning.

Liver proteome response of largemouth bass (*Micropterus salmoides*) exposed to several environmental contaminants: potential insights into biomarker development.

Preventive effect of piperonyl butoxide on cyclophosphamide-induced teratogenesis in rats.

Arsenic induces mitochondria-dependent apoptosis by reactive oxygen species generation rather than glutathione depletion in Chang human hepatocytes.

Effects of occupational exposure to 1,4-dichlorobenzene on hematologic, kidney, and liver functions.

Reduced arsenic clearance and increased toxicity in aquaglyceroporin-9-null mice.

Activation of MAPKs influences the expression of drug-metabolizing enzymes in primary human hepatocytes.

Predictive modeling of a mixture of thyroid hormone disrupting chemicals that affect production and clearance of thyroxine.

Species differences for stereoselective metabolism of ethofumesate and its enantiomers in vitro.

Specific in vitro toxicity of crude and refined petroleum products. 1. Aryl hydrocarbon receptor-mediated responses.

Preclinical activity of palifosfamide lysine (ZIO-201) in pediatric sarcomas including oxazaphosphorine-resistant osteosarcoma.

Modulation of carcinogen metabolism by nitric oxide-aspirin 2 is associated with suppression of DNA damage and DNA adduct formation.

An evaluation of the cytochrome P450 inhibition potential of selected pesticides in human hepatic microsomes.

[Effect of bromoxynil on membrane potential and respiratory control rate in isolated mitochondria from mice liver and intervention effect of NAC].

[Production of marker-free plants expressing the gene of the hepatitis B virus surface antigen].

Distinct roles of two zebrafish AHR repressors (AHRRa and AHRRb) in embryonic development and regulating the response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Hepatic P450 enzyme activity, tissue morphology and histology of mink (*Mustela vison*) exposed to polychlorinated dibenzofurans.

Concentrations, patterns and metabolites of organochlorine pesticides in relation to xenobiotic phase I and II enzyme activities in ringed seals (*Phoca hispida*) from Svalbard and the Baltic Sea.

The role of aryl hydrocarbon receptor in regulation of enzymes involved in metabolic activation of polycyclic aromatic hydrocarbons in a model of rat liver progenitor cells.

Organic cation transporters: physiology, toxicology and special focus on ethidium as a novel substrate.

2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) induces degradation of adherens junction proteins and inhibits beta-catenin-dependent transcription in liver epithelial cells.

The molecular mechanisms of diallyl disulfide and diallyl sulfide induced hepatocyte cytotoxicity.

Effects of TI(+) on ion permeability, membrane potential and respiration of isolated rat liver mitochondria.

Role of aquaporin 9 in cellular accumulation of arsenic and its cytotoxicity in primary mouse hepatocytes.

Drug metabolizing enzyme expression in rat choroid plexus: effects of in vivo xenobiotics treatment.

Disruption of the thyroid system by diethylstilbestrol and ioxynil in the sea bream (*Sparus aurata*).

CYP1A1 and CYP1A2 expression: comparing 'humanized' mouse lines and wild-type mice; comparing human and mouse hepatoma-derived cell lines.

Dexamethasone controls aryl hydrocarbon receptor (AhR)-mediated CYP1A1 and CYP1A2 expression and activity in primary cultures of human hepatocytes.

In vitro glutathione conjugation of methyl iodide in rat, rabbit, and human blood and tissues.

Two-day inhalation toxicity study of methyl iodide in the rat.

Sustaining hypercitrullinemia, hypercholesterolemia and augmented oxidative stress in Japanese children with aspartate/glutamate carrier isoform 2-citrin-deficiency even during the silent period.

Chicken embryo cardiomyocyte cultures--a new approach for studying effects of halogenated aromatic hydrocarbons in the avian heart.

Effects of co-exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin and perfluorooctane sulfonate or perfluorooctanoic acid on expression of cytochrome P450 isoforms in chicken (*Gallus gallus*) embryo hepatocyte cultures.

Hepatic uptake and biliary excretion of manganese in the little skate, *Leucoraja erinacea*.

Transgenic mouse lines expressing rat AH receptor variants--a new animal model for research on AH receptor function and dioxin toxicity mechanisms.

Gene expression profiling in rat liver treated with compounds inducing elevation of bilirubin.

Correlation between hepatocarcinogenic effect of estragole and its influence on glucocorticoid induction of liver-specific enzymes and activities of FOXA and HNF4 transcription factors in mouse and rat liver.

Hepatoprotective and curative properties of Kombucha tea against carbon tetrachloride-induced toxicity.

Effect of allyl alcohol on hepatic transporter expression: zonal patterns of expression and role of Kupffer cell function.

Induction of mouse UDP-glucuronosyltransferase mRNA expression in liver and intestine by activators of aryl-hydrocarbon receptor, constitutive androstane receptor, pregnane X receptor, peroxisome proliferator-activated receptor alpha, and nuclear factor erythroid 2-related factor 2.

Differential induction of cytochrome P450 1A1 and 1B1 mRNA in primary cultured bovine hepatocytes treated with TCDD, PBDD/Fs and feed ingredients.

Characterization of a rat NADPH-dependent aldo-keto reductase (AKR1B13) induced by oxidative stress.

Studies on histopathological changes in the gill, liver and kidney of *Channa punctatus* (Bloch) exposed to Alachlor.

Genotoxic effect of 2,4,6-trichlorophenol on p53 gene in zebrafish liver.

Disruption of period gene expression alters the inductive effects of dioxin on the AhR signaling pathway in the mouse liver.

Oposonized erythrocyte ghosts for liver-targeted delivery of antisense oligodeoxynucleotides.

New ifosfamide analogs designed for lower associated neurotoxicity and nephrotoxicity with modified alkylating kinetics leading to enhanced in vitro anticancer activity.

Antifibrogenic effects of tamoxifen in a rat model of periportal hepatic fibrosis.

Nanoencapsulation of quercetin enhances its dietary efficacy in combating arsenic-induced oxidative damage in liver and brain of rats.

Paclitaxel-resistance conferred by altered expression of efflux and influx transporters for paclitaxel in the human hepatoma cell line, HepG2.

Green tea extract increases cyclophosphamide-induced teratogenesis by modulating the expression of cytochrome P-450 mRNA.

Ameliorating effect of curcumin on sodium arsenite-induced oxidative damage and lipid peroxidation in different rat organs.

Effects of perinatal PBDE exposure on hepatic phase I, phase II, phase III, and deiodinase 1 gene expression involved in thyroid hormone metabolism in male rat pups.

TCDD-mediated suppression of the in vitro anti-sheep erythrocyte IgM antibody forming cell response is reversed by interferon-gamma.

The changes of serum testosterone level and hepatic microsome enzyme activity of crucian carp (*Carassius carassius*) exposed to a sublethal dosage of pentachlorophenol.

Cytotoxic, genotoxic and cell-cycle disruptive effects of thio-dimethylarsinate in cultured human cells and the role of glutathione.

Oxidative stress biomarkers and heart function in bullfrog tadpoles exposed to Roundup Original.

Formation of dimethylthioarsenicals in red blood cells.

The 2,4-D herbicide effects on acetylcholinesterase activity and metabolic parameters of piava freshwater fish (*Leporinus obtusidens*).

Toxicity and effects of a glyphosate-based herbicide on the Neotropical fish *Prochilodus lineatus*.

Effect of butachlor on antioxidant enzyme status and lipid peroxidation in fresh water African catfish, (*Clarias gariepinus*).

Biochemical effects of clomazone herbicide on piava (*Leporinus obtusidens*).

In vitro screening for aryl hydrocarbon receptor agonistic activity in 200 pesticides using a highly sensitive reporter cell line, DR-EcoScreen cells, and in vivo mouse liver cytochrome P450-1A induction by propanil, diuron and linuron.

Hepatoma tissue culture (HTC) cells as a model for investigating the effects of low concentrations of herbicide on cell structure and function.

A comparative 90-day toxicity study of allyl acetate, allyl alcohol and acrolein.

Effects of subchronic exposure to LASSO MTX (alachlor 42% W/V) on hematological indices and histology of the common Carp, *Cyprinus carpio* L.

Effects of subchronic metribuzin exposure on common carp (*Cyprinus carpio*).

An outbreak of fatal pneumonitis caused by contamination of illicit alcohol with paraquat.

Protective effects of vitamin E against atrazine-induced genotoxicity in rats.

Mechanism of trifluralin-induced thyroid tumors in rats.

Discriminating the molecular basis of hepatotoxicity using the large-scale characteristic molecular signatures of toxicants by expression profiling analysis.

The in vivo gene expression signature of oxidative stress.

Effect of atrazine on metamorphosis and sexual differentiation in *Xenopus laevis*.

Carbonyl-scavenging drugs & protection against carbonyl stress-associated cell injury.

Acute renal failure induced by bentazone: 2 case reports and a comprehensive review.

Dose-dependent uptake, elimination, and toxicity of monosodium methanearsonate in adult zebra finches (*Taeniopygia guttata*).

Genotoxic potential of glyphosate formulations: mode-of-action investigations.

Comparative cytotoxicity of alachlor, acetochlor, and metolachlor herbicides in isolated rat and cryopreserved human hepatocytes.

Protective effects of ethyl pyruvate treatment on paraquat-intoxicated rats.

Analysis of phenoxyacetic acid herbicides as biomarkers in human urine using liquid chromatography/triple quadrupole mass spectrometry.

UCP2 modulates cell proliferation through the MAPK/ERK pathway during erythropoiesis and has no effect on heme biosynthesis.

PPARalpha and PPARbeta are differentially affected by ethanol and the ethanol metabolite acetaldehyde in the MCF-7 breast cancer cell line.

Glutathione transferases from *Anguilla anguilla* liver: identification, cloning and functional characterization.

Preventing cell death induced by carbonyl stress, oxidative stress or mitochondrial toxins with vitamin B anti-AGE agents.

Oxidative stress does not influence carotenoid mobilization and plumage pigmentation.

Induction of cancer chemopreventive enzymes by coffee is mediated by transcription factor Nrf2. Evidence that the coffee-specific diterpenes cafestol and kahweol confer protection against acrolein.

Development of a human physiologically based pharmacokinetic (PBPK) model for inorganic arsenic and its mono- and di-methylated metabolites.

The NADPH quinone reductase MdaB confers oxidative stress resistance to *Helicobacter hepaticus*.

Detoxification of molinate sulfoxide: comparison of spontaneous and enzymatic glutathione conjugation using human and rat liver cytosol.

Curcumin attenuates cytochrome P450 induction in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin by ROS-dependently degrading AhR and ARNT.

Dihydrolipoic acid inhibits tetrachlorohydroquinone-induced tumor promotion through prevention of oxidative damage.

Effects of dietary iron levels on growth performance, hematological status, liver mineral concentration, fecal microflora, and diarrhea incidence in weanling pigs.

Effect of FeSO₄ treatment on glucose metabolism in diabetic rats.

Enhancement of hypoxia-induced gene expression in fish liver by the aryl hydrocarbon receptor (AhR) ligand, benzo[a]pyrene (BaP).

Identification of *Inonotus obliquus* and analysis of antioxidation and antitumor activities of polysaccharides.

Omeprazole alleviates benzo[a]pyrene cytotoxicity by inhibition of CYP1A1 activity in human and mouse hepatoma cells.

Embryo toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin to the wood duck (*Aix sponsa*).

Abnormal liver development and resistance to 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in mice carrying a mutation in the DNA-binding domain of the aryl hydrocarbon receptor.

Patterns of dioxin-altered mRNA expression in livers of dioxin-sensitive versus dioxin-resistant rats.

Combined administration of taurine and monoisoamyl DMSA protects arsenic induced oxidative injury in rats.

Blockade of the aryl hydrocarbon receptor pathway triggered by dioxin, polycyclic aromatic hydrocarbons and cigarette smoke by *Phellinus linteus*.

Temporal metabonomic modeling of l-arginine-induced exocrine pancreatitis.

Effects of uremic serum and uremic toxins on hepatic uptake of digoxin.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on heme oxygenase-1, biliverdin IXalpha reductase and delta-aminolevulinic acid synthetase 1 in rats with wild-type or variant AH receptor.

Associations of environmental exposure to dioxins with prevalent diabetes among general inhabitants in Japan.

CYP1A induction potential and the concentration of priority pollutants in marine sediment samples--in vitro evaluation using the PLHC-1 fish hepatoma cell line.

Liver is a target of arsenic carcinogenesis.

Accumulation of M1dG DNA adducts after chronic exposure to PCBs, but not from acute exposure to polychlorinated aromatic hydrocarbons.

Cross-talk between aryl hydrocarbon receptor and mitogen-activated protein kinase signaling pathway in liver cancer through c-raf transcriptional regulation.

Evaluation of tumour promoting potency of fish borne toxaphene residues, as compared to technical toxaphene and UV-irradiated toxaphene.

Concurrent subacute exposure to arsenic through drinking water and malathion via diet in male rats: effects on hepatic drug-metabolizing enzymes.

Sodium arsenite induces orphan nuclear receptor SHP gene expression via AMP-activated protein kinase to inhibit gluconeogenic enzyme gene expression.

Arsenite and cadmium, but not chromium, induce NAD(P)H:quinone oxidoreductase 1 through transcriptional mechanisms, in spite of post-transcriptional modifications.

Automated quantitative dose-response modeling and point of departure determination for large toxicogenomic and high-throughput screening data sets.

Beneficial impact of L-carnitine in liver: a study in a rat model of syndrome X.

Increased levels of a unique post-translationally modified betaIVb-tubulin isotype in liver cancer.

Mid-gestation exposure of C57BL/6 mice to 2,3,7,8-tetrachlorodibenzo-p-dioxin causes postnatal morphologic changes in the spleen and liver.

Occurrence of two different types of glutathione S-transferase placental form-positive hepatocytes after a single administration of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

Cytochrome P450 2C11 5'-flanking region and promoter: regulation by aromatic hydrocarbons in vitro.

Involvement of SREBPs in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced disruption of lipid metabolism in male guinea pig.

Effect of hemolytic and iron-deficiency anemia on intestinal absorption and tissue accumulation of cadmium.

Basil extract inhibits the sulfotransferase mediated formation of DNA adducts of the procarcinogen 1'-hydroxyestragole by rat and human liver S9 homogenates and in HepG2 human hepatoma cells.

The influence of metallothionein on exposure to metals: an in vitro study on cellular models.

Clinical manifestations and arsenic methylation after a rare subacute arsenic poisoning accident.

Experience of nitisinone for the pharmacological treatment of hereditary tyrosinaemia type 1.

DNA-dependent protein kinase catalytic subunit modulates the stability of c-Myc oncoprotein.

[Analytic role in clinical toxicology--impact on the diagnosis and treatment of a poisoned patient].

Effects of Helicobacter infection on developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in Holtzman rats.

Mortality in a population exposed to dioxin after the Seveso, Italy, accident in 1976: 25 years of follow-up.

Relative potency based on hepatic enzyme induction predicts immunosuppressive effects of a mixture of PCDDS/PCDFS and PCBS.

High dietary fat exacerbates arsenic-induced liver fibrosis in mice.

Removal of the uremic retention solute p-cresol using fractionated plasma separation and adsorption.

Regulation of aryl hydrocarbon receptor expression and function by glucocorticoids in mouse hepatoma cells.

Comparative toxicogenomic examination of the hepatic effects of PCB126 and TCDD in immature, ovariectomized C57BL/6 mice.

Antagonistic and agonistic effects of indigoids on the transformation of an aryl hydrocarbon receptor.

Chemical contaminants, health indicators, and reproductive biomarker responses in fish from rivers in the Southeastern United States.

Enhancements of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) metabolism and carcinogenic risk via NNK/arsenic interaction.

Hepatocyte mitochondrion electron-transport chain alterations in CCl(4) and alcohol induced hepatitis in rats and their correction with simvastatin.

Reversal of arsenic-induced hepatic apoptosis with combined administration of DMSA and its analogues in guinea pigs: role of glutathione and linked enzymes.

Essential role of the AH receptor in the dysfunction of heme metabolism induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Significance of prolyl hydroxylase 2 in the interference of aryl hydrocarbon receptor and hypoxia-inducible factor-1 alpha signaling.

Analysis of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced proteome changes in 5L rat hepatoma cells reveals novel targets of dioxin action including the mitochondrial apoptosis regulator VDAC2.

Modulation of TCDD-mediated induction of cytochrome P450 1A1 by mercury, lead, and copper in human HepG2 cell line.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin administration and high-fat diet on the body weight and hepatic estrogen metabolism in female C3H/HeN mice.

Subhepatotoxic exposure to arsenic enhances lipopolysaccharide-induced liver injury in mice.

Comparative study of gastrointestinal tract and liver toxicity of ferrous sulfate, iron amino chelate and iron polymaltose complex in normal rats.

[Protective and restorative effect of antioxidants in experimental intoxication with chlorophenols].

An evidence for regulatory cross-talk between aryl hydrocarbon receptor and glucocorticoid receptor in HepG2 cells.

Nonenzymatic formation of a novel hydroxylated sulfamethoxazole derivative in human liver microsomes: implications for bioanalysis of sulfamethoxazole metabolites.

Aryl hydrocarbon receptor-dependent induction of flavin-containing monooxygenase mRNAs in mouse liver.

Potential effects of perfluorinated compounds in common cormorants from Lake Biwa, Japan: an implication from the hepatic gene expression profiles by microarray.

Reactive oxygen species from the uncoupling of human cytochrome P450 1B1 may contribute to the carcinogenicity of dioxin-like polychlorinated biphenyls.

A bioassay approach to determine the dioxin-like activity in sediment extracts from the Danube River: ethoxyresorufin-O-deethylase induction in gill filaments and liver of three-spined sticklebacks (*Gasterosteus aculeatus* L.).

Protein expression in the livers and urinary bladders of hamsters exposed to sodium arsenite.

Transcriptomic responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in liver: comparison of rat and mouse.

Exposure of laboratory mice to domestic cooking gas: implications for toxicity.

Synthesis and in vivo evaluation of novel PET radioligands for imaging the endothelin-A receptor.

A technical mixture of 2,2',4,4'-tetrabromo diphenyl ether (BDE47) and brominated furans triggers aryl hydrocarbon receptor (AhR) mediated gene expression and toxicity.

Toxicity of analytically cleaned pentabromodiphenylether after prolonged exposure in estuarine European flounder (*Platichthys flesus*), and partial life-cycle exposure in fresh water zebrafish (*Danio rerio*).

Xenobiotic intrinsic clearance in freshly isolated hepatocytes from rainbow trout (*Oncorhynchus mykiss*): determination of trout hepatocellularity, optimization of cell concentrations and comparison of serum and serum-free incubations.

Differences in gene expression and benzo[a]pyrene-induced DNA adduct formation in the liver of three strains of female mice with identical AhRb2 genotype treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin and/or benzo[a]pyrene.

Rapid screening of glutathione-trapped reactive metabolites by linear ion trap mass spectrometry with isotope pattern-dependent scanning and postacquisition data mining.

Ghrelin infused into the portal vein inhibits glucose-stimulated insulin secretion in Wistar rats.

Estrogenic effect of dioxin-like aryl hydrocarbon receptor (AhR) agonist (PCB congener 126) in salmon hepatocytes.

Genes related to apoptosis predict necrosis of the liver as a phenotype observed in rats exposed to a compendium of hepatotoxicants.

Assessing the potential risk of oil-field produced waters using a battery of bioassays/biomarkers.

Comparative temporal toxicogenomic analysis of TCDD- and TCDF-mediated hepatic effects in immature female C57BL/6 mice.

Mutagenicity and antimutagenicity of teas used in popular medicine in the salmonella/microsome assay.

Low-dose dioxins alter gene expression related to cholesterol biosynthesis, lipogenesis, and glucose metabolism through the aryl hydrocarbon receptor-mediated pathway in mouse liver.

Non-dioxin-like polychlorinated biphenyls induce a release of arachidonic acid in liver epithelial cells: a partial role of cytosolic phospholipase A(2) and extracellular signal-regulated kinases 1/2 signalling.

Histopathological alterations of Nile tilapia, *Oreochromis niloticus* in acute and subchronic alachlor exposure.

Inorganic phosphate stimulates the toxic effects of TI⁺ in rat liver mitochondria.

Superiority of serum type-I arginase and ornithine carbamyltransferase in the detection of toxicant-induced acute hepatic injury in rats.

Quercetin administration during chelation therapy protects arsenic-induced oxidative stress in mice.

Differential signatures of protein glycosylation and phosphorylation in human Chang liver cells induced by TCDD treatment.

TCDD deregulates contact inhibition in rat liver oval cells via Ah receptor, JunD and cyclin A.

Results of the negative control chemical allyl alcohol in the 15-day intact adult male rat screening assay for endocrine activity.

2-Chlorophenol induced hydroxyl radical production in mitochondria in *Carassius auratus* and oxidative stress--an electron paramagnetic resonance study.

Organochlorine residues in the blubber and liver of bottlenose dolphins (*Tursiops truncatus*) stranded in the Canary Islands, North Atlantic Ocean.

Toxicogenomic analysis of gender, chemical, and dose effects in livers of TCDD- or aroclor 1254-exposed rats using a multifactor linear model.

Inhibition of carrier-mediated uptake of epirubicin reduces cytotoxicity in primary culture of rat hepatocytes.

Hexachlorobenzene triggers AhR translocation to the nucleus, c-Src activation and EGFR transactivation in rat liver.

Microtubules-interfering agents restrict aryl hydrocarbon receptor-mediated CYP1A2 induction in primary cultures of human hepatocytes via c-jun-N-terminal kinase and glucocorticoid receptor.

[Effect of 2,4-dinitrophenol on the rat liver respiratory activity and ATP content after hypothermic storage and following reperfusion].

Thioredoxin 2 haploinsufficiency in mice results in impaired mitochondrial function and increased oxidative stress.

Toxicity reference values for mink exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) equivalents (TEQs).

Cytochrome P4501A1 expression, polychlorinated biphenyls and hydroxylated metabolites, and adipocyte size of bottlenose dolphins from the Southeast United States.

Tissue dosimetry, metabolism and excretion of pentavalent and trivalent dimethylated arsenic in mice after oral administration.

Approach for extrapolating in vitro metabolism data to refine bioconcentration factor estimates.

Perinatal dioxin exposure, cytochrome P-450 activity, liver functions and thyroid hormones at follow-up after 7-12 years.

JNK inhibitor SP600125 is a partial agonist of human aryl hydrocarbon receptor and induces CYP1A1 and CYP1A2 genes in primary human hepatocytes.

The effect of sub-acute and sub-chronic exposure of rats to the glyphosate-based herbicide Roundup.

Epigallocatechin gallate, a green tea phytochemical, attenuates alcohol-induced hepatic protein and lipid damage.

Tissue-specific induction of EROD activity and CYP1A protein in *Sparus aurata* exposed to B(a)P and TCDD.

Diuron lacks promoting potential in a rat liver bioassay.

Insulin-like growth factor I deficiency prolongs survival and antagonizes paraquat-induced cardiomyocyte dysfunction: role of oxidative stress.

Aldo-keto reductase family 1 B10 gene silencing results in growth inhibition of colorectal cancer cells: Implication for cancer intervention.

Hepatotoxicity related to paraquat and diquat absorption through intact skin.

Acute effects of glyphosate herbicide on metabolic and enzymatic parameters of silver catfish (*Rhamdia quelen*).

Hepatoprotective role of captopril on paraquat induced hepatotoxicity.

Case report: mixed cholestatic/hepatocellular liver injury induced by the herbicide quizalofop-p-ethyl.

Effect of an excessive intake of quercetin on the vitamin E level and antioxidative enzyme activities of mouse liver under paraquat-induced oxidative stress.

Autophagic and lysosomal reactions to stress in the hepatopancreas of blue mussels.

Trifluralin toxicity in a Chagas disease mouse model.

Pesticide poisoning.

Protective effects of wheat bran against diquat toxicity in male Fischer-344 rats.

Effects of four rice herbicides on some metabolic and toxicology parameters of teleost fish (*Leporinus obtusidens*).

[Change of liver function and blood glucose in patients with acute paraquat poisoning].

No direct hepatotoxic potential following a multiple-low dose paraquat exposure in rat as related to its bioaccumulation.

Butachlor-induced acute toxic hepatitis.

Effect of clomazone herbicide on biochemical and histological aspects of silver catfish (*Rhamdia quelen*) and recovery pattern.

Cytotoxicity of chloroacetanilide herbicide alachlor in HepG2 cells independent of CYP3A4 and CYP3A7.

Captopril ameliorates toxicity induced by paraquat in mitochondria isolated from the rat liver.

Melatonin reduces mortality and oxidatively mediated hepatic and renal damage due to diquat treatment.

Combined effects of herbicides on biomarkers reflecting immune-endocrine interactions in goldfish. Immune and antioxidant effects.

Characterization of hepatic glutathione S-transferases in coho salmon (*Oncorhynchus kisutch*).

Developmental toxicity evaluation of triclopyr butoxyethyl ester and triclopyr triethylamine salt in the CD rat.

A fatal case of paraquat poisoning following minimal dermal exposure.

Reproductive effects in male rats exposed to diuron.

Acute acrolein-induced cystitis in mice.

Down-regulation of glutaminase C in human hepatocarcinoma cell by diphenylarsinic acid, a degradation product of chemical warfare agents.

Cinnamaldehyde--a potential antidiabetic agent.

Characterization of diuron N-demethylation by mammalian hepatic microsomes and cDNA-expressed human cytochrome P450 enzymes.

Disruption of thyroid hormone binding to sea bream recombinant transthyretin by ioxinyl and polybrominated diphenyl ethers.

Thio-dimethylarsinate is a common metabolite in urine samples from arsenic-exposed women in Bangladesh.

Modification by acrolein, a component of tobacco smoke and age-related oxidative stress, mediates functional impairment of human apolipoprotein E.

Distribution of ¹⁴C-atrazine following an acute lactational exposure in the Wistar rat.

Determination of triazine herbicides in sheep liver by microwave-assisted extraction and high performance liquid chromatography.

Determination of xenobiotic intrinsic clearance in freshly isolated hepatocytes from rainbow trout (*Oncorhynchus mykiss*) and rat and its application in bioaccumulation assessment.

Estimating constants for metabolism of atrazine in freshly isolated rat hepatocytes by kinetic modeling.

Paraquat increases cyanide-insensitive respiration in murine lung epithelial cells by activating an NAD(P)H:paraquat oxidoreductase: identification of the enzyme as thioredoxin reductase.

Electron transfer from NADH bound to horse liver alcohol dehydrogenase (NAD⁺ dependent dehydrogenase): visualisation of the activity in the enzyme crystals and adsorption of formazan derivatives by these crystals.

Toxicity assays in nanodrops combining bioassay and morphometric endpoints.

Metabolic differences between two dimethylthioarsenicals in rats.

Critical role of exposure time to endogenous oxidative stress in hepatocyte apoptosis.

Hepatitis B virus infection initiates with a large surface protein-dependent binding to heparan sulfate proteoglycans.

Evaluation of electrospray ionization and atmospheric pressure chemical ionization for simultaneous detection of estrone and its metabolites using high-performance liquid chromatography/tandem mass spectrometry.

The aryl hydrocarbon receptor is required for optimal resistance to *Listeria monocytogenes* infection in mice.

Porphyria cutanea tarda as rare cutaneous manifestation of hepatic metastases treated with interferon.

Relative differences in aryl hydrocarbon receptor-mediated response for 18 polybrominated and mixed halogenated dibenzo-p-dioxins and -furans in cell lines from four different species.

Protection of arsenic-induced hepatic disorder by arjunolic acid.

Relationship between aryl hydrocarbon receptor-affinity and the induction of EROD activity by 2,3,7,8-tetrachlorinated phenothiazine and derivatives.

The effect of dietary glycine on the hepatic tumor promoting activity of polychlorinated biphenyls (PCBs) in rats.

Differential effect of arecoline on the endogenous dioxin-responsive cytochrome P450 1A1 and on a stably transfected dioxin-responsive element-driven reporter in human hepatoma cells.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin alters retinoid homeostasis in maternal and perinatal tissues of the Holtzman rat.

Regulatory factors involved in species-specific modulation of arylhydrocarbon receptor (AhR)-dependent gene expression in humans and mice.

Serum profiles of PCDDs and PCDFs, in individuals near the Escambia Wood Treating Company Superfund site in Pensacola, FL.

Lafora-like ground-glass inclusions in hepatocytes of pediatric patients: a report of two cases.

Comparison of the cytotoxicity of the nitroaromatic drug flutamide to its cyano analogue in the hepatocyte cell line TAMH: evidence for complex I inhibition and mitochondrial dysfunction using toxicogenomic screening.

Functional characterization of the promoter of human carbonyl reductase 1 (CBR1). Role of XRE elements in mediating the induction of CBR1 by ligands of the aryl hydrocarbon receptor.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the developing male Wistar(Han) rat. I: No decrease in epididymal sperm count after a single acute dose.

Imatinib mesylate inhibits cell invasion of malignant peripheral nerve sheath tumor induced by platelet-derived growth factor-BB.

Polychlorinated biphenyls modulated tumorigenesis in Sprague Dawley rats: correlation with mixed function oxidase activities and superoxide (O₂^{*}) formation potentials and implied mode of action.

Protective effects of hepatocellular canalicular conjugate export pump (Mrp2) on sodium arsenite-induced hepatic dysfunction in rats.

Transplacental arsenic carcinogenesis in mice.

Elevation of 8-hydroxydeoxyguanosine and cell proliferation via generation of oxidative stress by organic arsenicals contributes to their carcinogenicity in the rat liver and bladder.

Differences in acute toxicity syndromes of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin in rats.

Maternal exposure of low dose of TCDD modulates the expression of estrogen receptor subunits of male gonads in offspring.

Symptomatic response of erythropoietic protoporphyria to iron supplementation.

Chemical contaminants, health indicators, and reproductive biomarker responses in fish from the Colorado River and its tributaries.

Inhibition of NF- κ B does not induce c-Jun N-terminal kinase-mediated apoptosis in reperfusion injury.

Determinations of dioxinlike activity in selected mollusks from the coast of the Bohai Sea, China, using the H4IIIE-luc bioassay.

Some clinico and histopathological changes in female goats experimentally exposed to dioxin.

[The role of insulin-like growth factor-2 gene differentially methylated regions in TCDD-induced malformation].

Protective effect of *Mentha piperita* against arsenic-induced toxicity in liver of Swiss albino mice.

Prevention of aneuploidy by S-adenosyl-methionine in human cells treated with sodium arsenite.

Long-term effects of subcutaneously injected 2,3,7,8-tetrachlorodibenzo-p-dioxin on the liver of rhesus monkeys.

Role of heat shock protein 70 in hepatic ischemia-reperfusion injury in mice.

Internal dose-effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in gonadotropin-primed weanling rat model.

Association of a polychlorinated dibenzo-p-dioxin, a polychlorinated biphenyl, and DDT with diabetes in the 1999-2002 National Health and Nutrition Examination Survey.

Hepatoprotective activity of liposomal flavonoid against arsenite-induced liver fibrosis.

Identification of kaempferol as an inhibitor of cigarette smoke-induced activation of the aryl hydrocarbon receptor and cell transformation.

Hsp90 inhibitors suppress HCV replication in replicon cells and humanized liver mice.

Dose- and time-dependent effects of 2,3,7,8-tetrabromodibenzo-p-dioxin on rat liver.

Disturbance of retinol transportation causes nitrofen-induced hypoplastic lung.

The role of chrysin and the ah receptor in induction of the human UGT1A1 gene in vitro and in transgenic UGT1 mice.

Effect of alpha-asarone and a derivative on lipids, bile flow and Na⁺/K⁺-ATPase in ethinyl estradiol-induced cholestasis in the rat.

P-selectin mediates metastatic progression through binding to sulfatides on tumor cells.

4-monochlorobiphenyl (PCB3) induces mutations in the livers of transgenic Fisher 344 rats.

In vitro mitigation of arsenic toxicity by tea polyphenols in human lymphocytes.

Influence of dietary fat and zinc supplementation on the iron utilization in growing rats.

[Sodium azide--clinical course of the poisoning and treatment].

[11C]Vinblastine syntheses and preliminary imaging in cancer patients.

Alcoholic myopathy and acetaldehyde.

[Hepatocyte mitochondrion respiratory chain in rats with experimental toxic hepatitis].

Arsenic methylation, urinary arsenic metabolites and human diseases: current perspective.

Arjunolic acid, a triterpenoid saponin, ameliorates arsenic-induced cyto-toxicity in hepatocytes.

The influence of exposure history on arsenic accumulation and toxicity in the killifish, *Fundulus heteroclitus*.

Mitochondrial P450-dependent arachidonic acid metabolism by TCDD-induced hepatic CYP1A5; conversion of EETs to DHETs by mitochondrial soluble epoxide hydrolase.

Taurine, a conditionally essential amino acid, ameliorates arsenic-induced cytotoxicity in murine hepatocytes.

Hepatic transcriptional networks induced by exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Detection and structural characterization of glutathione-trapped reactive metabolites using liquid chromatography-high-resolution mass spectrometry and mass defect filtering.

Analysis of cell death inducing compounds.

The nitric oxide prodrug, V-PYRRO/NO, mitigates arsenic-induced liver cell toxicity and apoptosis.

Tissue iron distribution and urinary mineral excretion vary depending on the form of iron (FeSO₄ or NaFeEDTA) and the route of administration (oral or subcutaneous) in rats given high doses of iron.

Strong synergistic induction of CYP1A1 expression by andrographolide plus typical CYP1A inducers in mouse hepatocytes.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) or diethylstilbestrol (DES) cause similar hematopoietic hypocellularity and hepatocellular changes in murine fetal liver, but differentially affect gene expression.

A noninvasive test of exposition to toxicants: quantitative analysis of cytochrome P4501A expression in fish scales.

microRNAs in adult rodent liver are refractory to dioxin treatment.

Oxidative stress and antioxidant defenses in goldfish liver in response to short-term exposure to arsenite.

Relationships between tissue levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), mRNAs, and toxicity in the developing male Wistar(Han) rat.

Importance of hepatic induction of constitutive androstane receptor and other transcription factors that regulate xenobiotic metabolism and transport.

Identification of regions of the sigma-1 receptor ligand binding site using a novel photoprobe.

Evaluation of genotoxic and non-genotoxic effects of organic air pollution using in vitro bioassays.

The effect of aromatic hydrocarbon receptor on the phenotype of the Hepa 1c1c7 murine hepatoma cells in the absence of dioxin.

Evaluation of novel microtubules interfering agents myoseverin, tubulyzine and E2GG in primary cultures of rat hepatocytes.

3-Methyl-4-nitrophenol metabolism by uridine diphosphate glucuronosyltransferase and sulfotransferase in liver microsomes of mice, rats, and Japanese quail (*Coturnix japonica*).

Tumor necrosis factor-alpha modulates effects of aryl hydrocarbon receptor ligands on cell proliferation and expression of cytochrome P450 enzymes in rat liver "stem-like" cells.

Arsenite induced oxidative damage in mouse liver is associated with increased cytokeratin 18 expression.

Catalase takes part in rat liver mitochondria oxidative stress defense.

Metabolic activation of herbal and dietary constituents and its clinical and toxicological implications: an update.

Commonly used tropical medicinal plants exhibit distinct in vitro antioxidant activities against hepatotoxins in rat liver.

Arecoline inhibits the 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cytochrome P450 1A1 activation in human hepatoma cells.

Aryl-hydrocarbon receptor activation regulates constitutive androstane receptor levels in murine and human liver.

Conditional deletion of cytochrome P450 oxidoreductase in the liver and gastrointestinal tract: a new model for studying the functions of the P450 system.

Effects of long-term alachlor exposure on hepatic antioxidant defense and detoxifying enzyme activities in crucian carp (*Carassius auratus*).

Evaluation of a diverse set of potential P1 carboxylic acid bioisosteres in hepatitis C virus NS3 protease inhibitors.

Molecular characterization of cytochrome P450 1A1, 1A2, and 1B1, and effects of polychlorinated dibenzo-p-dioxin, dibenzofuran, and biphenyl congeners on their hepatic expression in Baikal seal (*Pusa sibirica*).

The anti-mutagenic and antioxidant effects of bile pigments in the Ames Salmonella test.

beta-Naphthoflavone and 3'-methoxy-4'-nitroflavone exert ambiguous effects on Ah receptor-dependent cell proliferation and gene expression in rat liver 'stem-like' cells.

Development and evaluation of an electrochemical method for studying reactive phase-I metabolites: correlation to in vitro drug metabolism.

Differential expression, induction, and stability of CYP1A4 and CYP1A5 mRNA in chicken and herring gull embryo hepatocytes.

4-Methoxyestradiol-induced oxidative injuries in human lung epithelial cells.

Kinetics and functional assay of liver repopulation after human cord blood transplantation.

Transplacental exposure to inorganic arsenic at a hepatocarcinogenic dose induces fetal gene expression changes in mice indicative of aberrant estrogen signaling and disrupted steroid metabolism.

Suppression of endogenous antioxidant enzymes by 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced oxidative stress in chicken liver during development.

Effect of herbal medicine Juzentaihoto on hepatic and intestinal heat shock gene expression requires intestinal microflora in mouse.

Validation of a high-throughput in vitro alkaline elution/rat hepatocyte assay for DNA damage.

[Physiological significance of metallothionein in oxidative stress].

Molecular characterization and tissue distribution of aryl hydrocarbon receptor nuclear translocator isoforms, ARNT1 and ARNT2, and identification of novel splice variants in common cormorant (*Phalacrocorax carbo*).

Concentration and distribution of dioxins and related compounds in human tissues.

Toxicogenomic responses in rainbow trout (*Oncorhynchus mykiss*) hepatocytes exposed to model chemicals and a synthetic mixture.

Fibronectin and laminin induce expression of islet cell markers in hepatic oval cells in culture.

No contribution of multipotent mesenchymal stromal cells to liver regeneration in a rat model of prolonged hepatic injury.

Cloning, purification, and identification of the liver canalicular ecto-ATPase as NTPDase8.

Halogenated organic contaminants and mercury in northern fulmars (*Fulmarus glacialis*): levels, relationships to dietary descriptors and blood to liver comparison.

Hydroxyl radical generation and oxidative stress in *Carassius auratus* liver as affected by 2,4,6-trichlorophenol.

In vitro and in vivo characterization of alkyl hydroperoxide reductase mutant strains of *Helicobacter hepaticus*.

Same-sample analysis of ethoxyresorufin-O-deethylase activity and cytochrome P4501A mRNA abundance in chicken embryo hepatocytes.

Expression and activity of arsenic methyltransferase Cyt19 in rat tissues.

Comparative measurement of cyanide and paraquat mitochondrial toxicity using two different mitochondrial toxicity assays.

Cryopreservation of human hepatocytes alters the mitochondrial respiratory chain complex 1.

Vitamin E supplementation protects oxidative stress during arsenic and fluoride antagonism in male mice.

Increase in the toxic effects of Tl⁺ on isolated rat liver mitochondria in the presence of nonactin.

[Free radicals in *Carassius auratus* liver: their generation and oxidative stress induced by 2,4,6-trichlorophenol].

Use of model-based compartmental analysis to study vitamin A kinetics and metabolism.

Effect of various radical generators on insulin-dependent regulation of hepatic gene expression.

Effects of combined administration of captopril and DMSA on arsenite induced oxidative stress and blood and tissue arsenic concentration in rats.

Human CYP1A1GFP expression in transgenic mice serves as a biomarker for environmental toxicant exposure.

Lack of the aryl hydrocarbon receptor leads to impaired activation of AKT/protein kinase B and enhanced sensitivity to apoptosis induced via the intrinsic pathway.

Accumulation of organic and inorganic contaminants in shellfish collected in estuarine waters near Pensacola, Florida: contamination profiles and risks to human consumers.

Diquat induces renal proximal tubule injury in glutathione reductase-deficient mice.

Using Janus green B to study paraquat toxicity in rat liver mitochondria: role of ACE inhibitors (thiol and nonthiol ACEi).

Adverse effects of herbicide MCPA on dogs in a 90 day toxicological study.

Experience with paraquat poisoning in a respiratory intensive care unit in North India.

Toxicity of a trivalent organic arsenic compound, dimethylarsinous glutathione in a rat liver cell line (TRL 1215).

Relationship between body iron stores and diquat toxicity in male Fischer-344 rats.

The effect of paraquat on hepatic EROD activity, liver, and gonadal histology in males and females of Nile tilapia, *Oreochromis niloticus*, exposed at different temperatures.

Health status of Army Chemical Corps Vietnam veterans who sprayed defoliant in Vietnam.

Pentachlorophenol treatment in vivo elevates point mutation rate in zebrafish p53 gene.

Single high dose dexamethasone treatment decreases the pathological score and increases the survival rate of paraquat-intoxicated rats.

Joint anti-estrogenic effects of PCP and TCDD in primary cultures of juvenile goldfish hepatocytes using vitellogenin as a biomarker.

Lack of effects of atrazine on estrogen-responsive organs and circulating hormone concentrations in sexually immature female Japanese quail (*Coturnix coturnix japonica*).

Effect of glyphosate herbicide on acetylcholinesterase activity and metabolic and hematological parameters in piava (*Leporinus obtusidens*).

Effects of clomazone herbicide on hematological and some parameters of protein and carbohydrate metabolism of silver catfish *Rhamdia quelen*.

Adverse hepatic reactions associated with calcium carbimide and disulfiram therapy: is there still a role for these drugs?

Effects of antioxidant vitamins on molecular regulators involved in lung hypoplasia induced by nitrofen.

NTP Technical Report on the comparative toxicity studies of allyl acetate (CAS No. 591-87-7), allyl alcohol (CAS No. 107-18-6) and acrolein (CAS No. 107-02-8) administered by gavage to F344/N rats and B6C3F1 mice.

Acrolein is a mitochondrial toxin: effects on respiratory function and enzyme activities in isolated rat liver mitochondria.

Respiratory distress, pneumonic changes on chest X-ray, hypoxaemia, oral candidiasis in a homosexual male: not always *Pneumocystis carinii* pneumonia.

Effects of pentachlorophenol on the reproduction of Japanese medaka (*Oryzias latipes*).

Effects of paraquat on the freshwater fish *Channa punctata* (Bloch): non-enzymatic antioxidants as biomarkers of exposure.

Neuregulin 1-Beta cytoprotective role in AML 12 mouse hepatocytes exposed to pentachlorophenol.

Preexposure to copper modulates nonenzymatic antioxidants in liver of *Channa punctata* (Bloch) exposed to the herbicide paraquat.

Hydralazine inhibits rapid acrolein-induced protein oligomerization: role of aldehyde scavenging and adduct trapping in cross-link blocking and cytoprotection.

A crucial role of Nrf2 in in vivo defense against oxidative damage by an environmental pollutant, pentachlorophenol.

Methylated arsenicals: the implications of metabolism and carcinogenicity studies in rodents to human risk assessment.

Monomethylarsonic acid and dimethylarsinic acid: developmental toxicity studies with risk assessment.

Orphan nuclear receptor pregnane X receptor sensitizes oxidative stress responses in transgenic mice and cancerous cells.

Assessing the anti-estrogenic activity of sodium pentachlorophenol in primary cultures of juvenile goldfish (*Carassius auratus*) hepatocytes using vitellogenin as a biomarker.

Effects of atrazine on sexual maturation in female Japanese quail induced by photostimulation or exogenous gonadotropin.

Croton cajucara Benth. leaf extract scavenges the stable free radical DPPH and protects against oxidative stress induced by paraquat.

Decrease in NADPH-cytochrome P450 reductase activity of the human heart, Liver and lungs in the presence of alpha-lipoic acid.

Acute oxidative stress is associated with cell proliferation in the mouse liver.

Gene expression of cytokines and growth factors in the lungs after paraquat administration in mice.

Delayed occurrence of H-ras12V-induced hepatocellular carcinoma with long-term treatment with cinnamaldehydes.

Studies on the goitrogenic mechanism of action of N,N,N',N'-tetramethylthiourea.

Ethanol-induced apoptosis in polarized hepatic cells possibly through regulation of the Fas pathway.

Paraquat-induced lipid peroxidation: effects of ovariectomy and estrogen receptor antagonist.

Cytosolic and localized inhibition of phosphodiesterase by atrazine in swine tissue homogenates.

Identification of a metabolite of atrazine, N-ethyl-6-methoxy-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine, upon incubation with rat liver microsomes.

Involvement of endonuclease G in nucleosomal DNA fragmentation under sustained endogenous oxidative stress.

Induction and expression of GST-Pi foci in the liver of Cyclophosphamide-administered rats.

Developmental toxicity of 4-ring polycyclic aromatic hydrocarbons in zebrafish is differentially dependent on AH receptor isoforms and hepatic cytochrome P4501A metabolism.

Comparative toxicogenomic analysis of the hepatotoxic effects of TCDD in Sprague Dawley rats and C57BL/6 mice.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (Cas No. 31508-00-6) in female Harlan Sprague-Dawley rats (gavage studies).

Protective effects of tea melanin against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced toxicity: antioxidant activity and aryl hydrocarbon receptor suppressive effect.

Localization of cytochrome P450 1A1 in a specific region of hydronephrotic kidney of rat neonates lactationally exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Effect of adenovirus-mediated mutant exogenous P27kip1 gene expression on the chemosensitivities of cholangiocarcinoma cell line].

Carcinogenicity of "non-dioxinlike" polychlorinated biphenyls.

Comparison of chronic toxicity and carcinogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in 2-year bioassays in female Sprague-Dawley rats.

Carcinogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in experimental models.

Bifunctional modulating effects of an indigo dimer (bisindigotin) to CYP1A1 induction in H4IIE cells.

Arsenic inhibits induction of cytochrome P450 1A1 by 2,3,7,8-tetrachlorodibenzo-p-dioxin in human hepatoma cells.

Antimutagenic activity of methanolic extract of Ganoderma lucidum and its effect on hepatic damage caused by benzo[a]pyrene.

Use of a physiologically based pharmacokinetic model for rats to study the influence of body fat mass and induction of CYP1A2 on the pharmacokinetics of TCDD.

Ground-glass, polyglucosan-like hepatocellular inclusions: A "new" diagnostic entity.

PCB 153, a non-dioxin-like tumor promoter, selects for beta-catenin (Catnb)-mutated mouse liver tumors.

Quaternary benzo[c]phenanthridine alkaloids sanguinarine and chelerythrine do not affect transcriptional activity of aryl hydrocarbon receptor: analyses in rat hepatoma cell line H4IIE.luc.

Secreted protein-based reporter systems for monitoring inflammatory events: critical interference by endoplasmic reticulum stress.

Quantitative relationship of dioxin-responsive gene expression to dioxin response element in Hep3B and HepG2 human hepatocarcinoma cell lines.

Decreased nitric oxide production in the rat brain after chronic arsenic exposure.

Stress resistance and aging: influence of genes and nutrition.

Mechanisms of 2-butoxyethanol-induced hemangiosarcomas.

The constitutively active Ah receptor (CA-Ahr) mouse as a potential model for dioxin exposure--effects in vital organs.

Estimated cancer risk of dioxins to humans using a bioassay and physiologically based pharmacokinetic model.

For dioxin-induced birth defects, mouse or human CYP1A2 in maternal liver protects whereas mouse CYP1A1 and CYP1B1 are inconsequential.

HCV proteins increase expression of heme oxygenase-1 (HO-1) and decrease expression of Bach1 in human hepatoma cells.

Arsenic speciation transported through the placenta from mother mice to their newborn pups.

Lethal acute lung injury and hypoglycemia after subcutaneous administration of monochloroacetic acid.

Aryl hydrocarbon receptor-independent activation of estrogen receptor-dependent transcription by 3-methylcholanthrene.

Safe use of hazardous chemicals.

NTP technical report on the toxicology and carcinogenesis studies of 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (Gavage studies).

[Effects of MRP2-GSH cotransport system on hepatic arsenic metabolism in rats].

Relative cancer potencies of selected dioxin-like compounds on a body-burden basis: comparison to current toxic equivalency factors (TEFs).

Differential expression profiling of the hepatic proteome in a rat model of dioxin resistance: correlation with genomic and transcriptomic analyses.

Recommended relative potency factors for 2,3,4,7,8-pentachlorodibenzofuran: the impact of different dose metrics.

Chronic exposure to methylated arsenicals stimulates arsenic excretion pathways and induces arsenic tolerance in rat liver cells.

Assessment of effects in mink caused by consumption of carp collected from the Saginaw River, Michigan, USA.

Effect of *Centella asiatica* on arsenic induced oxidative stress and metal distribution in rats.

Microtubules are more stable and more highly acetylated in ethanol-treated hepatic cells.

Role of CYP3A4 in the regulation of the aryl hydrocarbon receptor by omeprazole sulphide.

In vivo-in vitro toxicogenomic comparison of TCDD-elicited gene expression in Hepa1c1c7 mouse hepatoma cells and C57BL/6 hepatic tissue.

Adverse health effects in humans exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

NTP technical report on the toxicology and carcinogenesis studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (CAS No. 1746-01-6) in female Harlan Sprague-Dawley rats (Gavage Studies).

Involvement of cytoskeleton in AhR-dependent CYP1A1 expression.

Protective effect of hepatocyte growth factor against degeneration of the retinal pigment epithelium and photoreceptor in sodium iodate-injected rats.

Quantitative analysis of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced proteome alterations in 5L rat hepatoma cells using isotope-coded protein labels.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induced cytochrome P450s alter the formation of reactive oxygen species in liver cells.

Therapeutic value of melatonin in an experimental model of liver injury and regeneration.

Uncertainties related to the assignment of a toxic equivalency factor for 1,2,3,4,6,7,8,9-octachlorodibenzo-p-dioxin.

Boron ameliorates fulminant hepatic failure by counteracting the changes associated with the oxidative stress.

[Rapid analysis of antiepileptic drugs in human plasma by micellar electrokinetic capillary chromatography].

Silybin and dehydrosilybin inhibit cytochrome P450 1A1 catalytic activity: a study in human keratinocytes and human hepatoma cells.

Global gene expression associated with hepatocarcinogenesis in adult male mice induced by in utero arsenic exposure.

Fatty liver and hepatic function for residents with markedly high serum PCDD/Fs levels in Taiwan.

Transactivation of fetal liver kinase-1/kinase-insert domain-containing receptor by lysophosphatidylcholine induces vascular endothelial cell proliferation.

Time-course changes of mixture effects on AhR binding-dependent luciferase activity in a crude extract from a compost sample.

Investigation of sanguinarine and chelerythrine effects on CYP1A1 expression and activity in human hepatoma cells.

Arsenic induced apoptosis in rat liver following repeated 60 days exposure.

Possible beneficial effects of melatonin supplementation on arsenic-induced oxidative stress in Wistar rats.

Polychlorinated biphenyls (PCBs): routes of exposure and effects on human health.

NTP toxicology and carcinogenesis studies of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (CAS No. 57465-28-8) in female Harlan Sprague-Dawley rats (Gavage Studies).

Arsenic-induced cell death in liver and brain of experimental rats.

The aryl hydrocarbon receptor directly regulates expression of the potent mitogen epiregulin.

Induction of cytochrome P450-1A by the equine estrogen equilenin, a new endogenous aryl hydrocarbon receptor ligand.

TCDD decreases ATP levels and increases reactive oxygen production through changes in mitochondrial F₀F₁-ATP synthase and ubiquinone.

Effect of EGF on [3H]-thymidine incorporation and cell cycle regulatory proteins in primary cultured chicken hepatocytes: Involvement of Ca²⁺/PKC and MAPKs.

Dihydroxy-, hydroxyspirolactone-, and dihydroxyspirolactone-urochlorins induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the liver of mice.

Hepatic gene downregulation following acute and subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Modeling inflammation-drug interactions in vitro: a rat Kupffer cell-hepatocyte coculture system.

Primary cultured cells as sensitive in vitro model for assessment of toxicants--comparison to hepatocytes and gill epithelia.

cis-Terpenones as an effective chemopreventive agent against aflatoxin B1-induced cytotoxicity and TCDD-induced P450 1A/B activity in HepG2 cells.

Influx of macrophages into livers of rats treated with hepatotoxicants (thioacetamide, allyl alcohol, D-galactosamine) induces expression of HSP25.

Exposure to 3,3',4,4',5-pentachlorobiphenyl during embryonic development has a minimal effect on the cytochrome P4501A response to 2,3,7,8-tetrachlorodibenzo-p-dioxin in cultured chicken embryo hepatocytes.

Liver glycogen bodies: ground-glass hepatocytes in transplanted patients.

Metabolism of dopamine by the nasal mucosa.

Involvement of oxidative stress in the synthesis of metallothionein induced by mitochondrial inhibitors.

Differential regulation of sinusoidal and canalicular hepatic drug transporter expression by xenobiotics activating drug-sensing receptors in primary human hepatocytes.

EGF-induced inhibition of glucose transport is mediated by PKC and MAPK signal pathways in primary cultured chicken hepatocytes.

Evaluation of the sensitivity of three sublethal cytotoxicity assays in human HepG2 cell line using water contaminants.

Exposure to PCB 77 induces tissue-dependent changes in iodothyronine deiodinase activity patterns in the embryonic chicken.

Arsenite induces apoptosis in hepatocytes through an enhancement of the activation of Jun N-terminal kinase and p38 mitogen-activated protein kinase caused by partial hepatectomy.

Cytotoxicity of sanguinarine in primary rat hepatocytes is attenuated by dioxin and phenobarbital.

Protective effect of NADP-isocitrate dehydrogenase on the paraquat-mediated oxidative inactivation of aconitase in heart mitochondria.

Toxicology and carcinogenesis studies of a mixture of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (Cas No. 1746-01-6), 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4), and 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) in female Harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4) in female Harlan Sprague-Dawley rats (gavage studies).

Effect of sodium azide on the metabolic activity of cultured fetal cells.

Aldehydes release zinc from proteins. A pathway from oxidative stress/lipid peroxidation to cellular functions of zinc.

Regulation of the CYP1A1 gene by 2,3,7,8-tetrachlorodibenzo-p-dioxin but not by beta-naphthoflavone or 3-methylcholanthrene is altered in hepatitis C virus replicon-expressing cells.

Effects of xenobiotics and steroids on renal and hepatic estrogen metabolism in lake trout.

Effects of individual and combined exposure to sodium arsenite and sodium fluoride on tissue oxidative stress, arsenic and fluoride levels in male mice.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (gavage studies).

Effects of hypoxia and limited diffusion in tumor cell microenvironment on bystander effect of P450 prodrug therapy.

Selection of a battery of rapid toxicity sensors for drinking water evaluation.

Arsenicals in maternal and fetal mouse tissues after gestational exposure to arsenite.

Influence of antimonite, selenite, and mercury on the toxicity of arsenite in primary rat hepatocytes.

Gene expression profile by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the liver of wild-type (AhR+/+) and aryl hydrocarbon receptor-deficient (AhR-/-) mice.

Nonezymatic formation of succinate in mitochondria under oxidative stress.

Sustained aryl hydrocarbon receptor activity attenuates liver regeneration.

Enhanced xenobiotic-induced hepatotoxicity and Kupffer cell activation by restraint-induced stress.

Antagonism of TCDD-induced ethoxyresorufin-O-deethylation activity by polybrominated diphenyl ethers (PBDEs) in primary cynomolgus monkey (*Macaca fascicularis*) hepatocytes.

Kinetics of arsenic methylation by freshly isolated B6C3F1 mouse hepatocytes.

Brief report: embryonic growth and hatching implications of developmental 670-nm phototherapy and dioxin co-exposure.

Dietary exposure of mink (*Mustela vison*) to fish from the Housatonic River, Berkshire County, Massachusetts, USA: effects on organ weights and histology and hepatic concentrations of polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-P-dioxin toxic equivalence.

Identification of new human pregnane X receptor ligands among pesticides using a stable reporter cell system.

Novel compound 2-methyl-2H-pyrazole-3-carboxylic acid (2-methyl-4-o-tolylazo-phenyl)-amide (CH-223191) prevents 2,3,7,8-TCDD-induced toxicity by antagonizing the aryl hydrocarbon receptor.

Tissue specific induction of cytochrome P450 (CYP) 1A1 and 1B1 in rat liver and lung following in vitro (tissue slice) and in vivo exposure to benzo(a)pyrene.

Reactive nitrogen species derived activation of rat liver microsomal glutathione S-transferase.

Enhancing effects of simultaneous treatment with sodium nitrite on 2-amino-3-methylimidazo[4,5-f]quinoline-induced rat liver, colon and Zymbal's gland carcinogenesis after initiation with diethylnitrosamine and 1,2-dimethylhydrazine.

A toxicokinetic model for the carry-over of dioxins and PCBs from feed and soil to eggs.

Inhibitory effect of melatonin on diquat-induced lipid peroxidation in vivo as assessed by the measurement of F2-isoprostanes.

The effect of ethanol, ethanol metabolizing enzyme inhibitors, and Vitamin E on regulating glutathione, glutathione S-transferase, and S-adenosylmethionine in mouse primary hepatocyte.

Toxicokinetic study of dioxins and furans in laying chickens.

Comparison of mouse hepatic mitochondrial versus microsomal cytochromes P450 following TCDD treatment.

Protective effect of *Phyllanthus fraternus* against allyl alcohol-induced oxidative stress in liver mitochondria.

Analytical methods for trace levels of reactive carbonyl compounds formed in lipid peroxidation systems.

Regeneration of the liver in mice treated with a mixture of hepatotoxins in delayed periods after bone marrow transplantation.

Effect of a single in ovo injection of 2,3,7,8-tetrachlorodibenzo-p-dioxin on protein expression in liver and ovary of the one-day-old chick analyzed by fluorescent two-dimensional difference gel electrophoresis and mass spectrometry.

Inhibition of follicular development, vitellogenesis, and serum 17 β -estradiol concentrations in zebrafish following chronic, sublethal dietary exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Preferential inducibility of CYP1A1 and CYP1A2 by TCDD: differential regulation in primary human hepatocytes versus transformed human cells.

Comparison of hepatic and extra hepatic induction of cytochrome P4501A by graded doses of aryl hydrocarbon receptor agonists in Atlantic tomcod from two populations.

Beta-naphthoflavone represses dystrophin Dp71 expression in hepatic cells.

Cytochrome P450 Cyp4x1 is a major P450 protein in mouse brain.

Sunlight generates multiple tryptophan photoproducts eliciting high efficacy CYP1A induction in chick hepatocytes and in vivo.

Influence of orange juice in the levels and in the genotoxicity of iron and copper.

The ROS production induced by a reverse-electron flux at respiratory-chain complex 1 is hampered by metformin.

Induction of cytochrome P4501A in African brown house snake (*Lamprophis fuliginosus*) primary hepatocytes.

Gene expression profiling in common cormorant liver with an oligo array: assessing the potential toxic effects of environmental contaminants.

Interactive effects between CYP1A1 genotypes and environmental polychlorinated dibenzo-p-dioxins and dibenzofurans exposures on liver function profile.

Dynamic gene expression changes precede dioxin-induced liver pathogenesis in medaka fish.

The Relationship Between Noncoplanar PCB-Induced Immunotoxicity and Hepatic CYP1A Induction in a Fish Model.

Environmental toxicants and effects on female reproductive function.

Enhanced functional maturation of fetal porcine hepatocytes in three-dimensional poly-L-lactic acid scaffolds: a culture condition suitable for engineered liver tissues in large-scale animal studies.

670 nanometer light treatment attenuates dioxin toxicity in the developing chick embryo.

Co-administration of zinc and n-acetylcysteine prevents arsenic-induced tissue oxidative stress in male rats.

Mechanistic investigation on the cause for reduced toxicity of TCDD in wa-1 homozygous TGFalpha mutant strain of mice as compared its matching wild-type counterpart, C57BL/6J mice.

Biliary excretion of sulfated bile acids and organic anions in zone 1- and zone 3-injured rats.

CYP2A5-mediated activation and early ultrastructural changes in the olfactory mucosa: studies on 2,6-dichlorophenyl methylsulfone.

[Carbimide overdose: description of a case and review of the literature].

Comparative effects of the Roundup and glyphosate on mitochondrial oxidative phosphorylation.

Differences in lysine adduction by acrolein and methyl vinyl ketone: implications for cytotoxicity in cultured hepatocytes.

Antioxidant and hepatoprotective effects of Eucalyptus maculata.

Effect of 2,4-dichlorophenoxyacetic acid on the activities of some metabolic enzymes for generating pyridine nucleotide pool of cells from mouse liver.

High blood pressure is one of the symptoms of paraquat-induced toxicity in rats.

Activity of NADPH-cytochrome P-450 reductase of the human heart, liver and lungs in the presence of (-)-epigallocatechin gallate, quercetin and resveratrol: an in vitro study.

Preventive mechanism of cellular glutathione in monomethylarsonic acid-induced cytolethality.

Altered gene expression in human hepatoma HepG2 cells exposed to low-level 2,4-dichlorophenoxyacetic acid and potassium nitrate.

The comparative toxicology of 4-chloro-2-methylphenoxyacetic acid and its plant metabolite 4-chloro-2-carboxyphenoxyacetic acid in rats.

Effect of the herbicide glyphosate on liver lipoperoxidation in pregnant rats and their fetuses.

Drug-induced hypersensitivity syndrome due to cyanamide associated with multiple reactivation of human herpesviruses.

Lack of combination hepatocarcinogenicity of harman, norharman and amitrole when given with NaNO₂ in the rat.

Hepatic porphyria induced by the herbicide tralkoxydim in small mammals is species-specific.

Mother and fetus both survive from severe paraquat intoxication.

Chemopreventive properties of trans-resveratrol against the cytotoxicity of chloroacetanilide herbicides in vitro.

Arsenic-induced micronuclei formation in mammalian cells and its counteraction by tea.

Responses of molecular indicators of exposure in mesocosms: common carp (*Cyprinus carpio*) exposed to the herbicides alachlor and atrazine.

Long-lived alphaMUPA transgenic mice show reduced SOD2 expression, enhanced apoptosis and reduced susceptibility to the carcinogen dimethylhydrazine.

Protein adduct species in muscle and liver of rats following acute ethanol administration.

Forced uptake of trivalent and pentavalent methylated and inorganic arsenic and its cyto-/genotoxicity in fibroblasts and hepatoma cells.

Cinnamaldehyde-induced apoptosis in human PLC/PRF/5 cells through activation of the proapoptotic Bcl-2 family proteins and MAPK pathway.

Expression of gastrointestinal glutathione peroxidase is inversely correlated to the presence of hepatitis C virus subgenomic RNA in human liver cells.

Adaptive response of antioxidant enzymes to catalase inhibition by aminotriazole in goldfish liver and kidney.

The decrease in level of serum thyroxine by 2,2',4,5,5'-pentachlorobiphenyl in rats and mice: no correlation with formation of methylsulfonyl metabolites.

Protective effect of melatonin on paraquat-induced cytotoxicity in isolated rat hepatocytes.

Effect of ascorbate on acrolein modification of very low density lipoprotein and uptake of oxidized apolipoprotein e by hepatocytes.

Application of Alamar blue/5-carboxyfluorescein diacetate acetoxyethyl ester as a noninvasive cell viability assay in primary hepatocytes from rainbow trout.

Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in mice following acute oral administration of arsenate.

Primary hepatocyte apoptosis is unlikely to relate to caspase-3 activity under sustained endogenous oxidative stress.

Tissue distribution of arsenic species in rabbits after single and multiple parenteral administration of arsenic trioxide: tissue accumulation and the reversibility after washout are tissue-selective.

Influence of protein binding on acrolein turnover in vitro by oxazaphosphorines and liver microsomes.

Uncoupling of oxidative phosphorylation prevents the urinary alcohol level cycling caused by feeding ethanol continuously at a constant rate.

Inhibitory effects of vitamin A on TCDD-induced cytochrome P-450 1A1 enzyme activity and expression.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin (HxCDD) alter body weight by decreasing insulin-like growth factor I (IGF-I) signaling.

Suppressive effects of caraway (*Carum carvi*) extracts on 2, 3, 7, 8-tetrachloro-dibenzo-p-dioxin-dependent gene expression of cytochrome P450 1A1 in the rat H4IIE cells.

Identification of aldehyde oxidase 1 and aldehyde oxidase homologue 1 as dioxin-inducible genes.

Transcriptional activation of the membrane-bound progesterone receptor (mPR) by dioxin, in endocrine-responsive tissues.

Portal hypertension: the role of shunting procedures.

Auditory neurotoxicity and hepatotoxicity after MSMA (monosodium methanarsenate) high dose oral intake.

Pediatric fatality following ingestion of dinitrophenol: postmortem identification of a "dietary supplement".

Classification of proliferative hepatocellular lesions in harlan sprague-dawley rats chronically exposed to dioxin-like compounds.

Quantitative analysis of cereulide, an emetic toxin of *Bacillus cereus*, by using rat liver mitochondria.

Dose-additive carcinogenicity of a defined mixture of "dioxin-like compounds".

A beta-catenin-dependent pathway regulates expression of cytochrome P450 isoforms in mouse liver tumors.

Regulation of aryl hydrocarbon receptor signal transduction by protein tyrosine kinases.

Lack of CYP1A1 expression is involved in unresponsiveness of the human hepatoma cell line SK-HEP-1 to dioxin.

Effects of dietary zinc and iron supplementation on mineral excretion, body composition, and mineral status of nursery pigs.

Regulatory mechanisms modulating the expression of cytochrome P450 1A1 gene by heavy metals.

Severe cyanide toxicity from 'vitamin supplements'.

Carcinogenic risks of dioxin: mechanistic considerations.

Retinoid status and responsiveness to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice lacking retinoid binding protein or retinoid receptor forms.

Induction of the heat shock response in vivo inhibits NF-kappaB activity and protects murine liver from endotoxemia-induced injury.

A histochemical and pathological study on the interrelationship between TCDD-induced AhR expression, AhR activation, and hepatotoxicity in mice.

Repeated in utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure affects male gonads in offspring, leading to sex ratio changes in F2 progeny.

Bone resorption by aryl hydrocarbon receptor-expressing osteoclasts is not disturbed by TCDD in short-term cultures.

Aryl hydrocarbon receptor-mediated transcription: ligand-dependent recruitment of estrogen receptor alpha to 2,3,7,8-tetrachlorodibenzo-p-dioxin-responsive promoters.

NF-kappaB and not the MAPK signaling pathway regulates GADD45beta expression during acute inflammation.

Common viral infection affects pentabrominated diphenyl ether (PBDE) distribution and metabolic and hormonal activities in mice.

Temporal and dose-dependent hepatic gene expression patterns in mice provide new insights into TCDD-Mediated hepatotoxicity.

Identification of the tryptophan photoproduct 6-formylindolo[3,2-b]carbazole, in cell culture medium, as a factor that controls the background aryl hydrocarbon receptor activity.

Transcriptional regulation of NF-E2 p45-related factor (NRF2) expression by the aryl hydrocarbon receptor-xenobiotic response element signaling pathway: direct cross-talk between phase I and II drug-metabolizing enzymes.

Ah receptor- and TCDD-mediated liver tumor promotion: clonal selection and expansion of cells evading growth arrest and apoptosis.

[Possible candidates for the compound which is expected to attenuate dioxin toxicity].

Dioxin: a review of its environmental effects and its aryl hydrocarbon receptor biology.

Chronic toxicity and carcinogenicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin displays a distinct dose/time toxicity threshold ($c \times t = k$) and a life-prolonging subthreshold effect.

Increased heat shock protein 70 expression following toxicant-mediated cytotoxicity: a ubiquitous marker of toxicant exposure?

Detection and precipitation of hepatitis B core antigen using a fusion bacteriophage.

Kupffer cell ablation improves hepatic microcirculation after trauma and sepsis.

Bisindigotin, a TCDD antagonist from the Chinese medicinal herb *Isatis indigotica*.

Squamous epithelial lesion of the mandibles and maxillae of wild mink (*Mustela vison*) naturally exposed to polychlorinated biphenyls.

Prospective protective role of melatonin against arsenic-induced metabolic toxicity in Wistar rats.

Aryl hydrocarbon receptor-dependent liver development and hepatotoxicity are mediated by different cell types.

How does human stem cell therapy influence gene expression after liver injury? Microarray evaluation on a rat model.

Induction of cytochrome P450 1A5 mRNA, protein and enzymatic activities by dioxin-like compounds, and congener-specific metabolism and sequestration in the liver of wild jungle crow (*Corvus macrorhynchos*) from Tokyo, Japan.

Bioactivation of 4-methylphenol (p-cresol) via cytochrome P450-mediated aromatic oxidation in human liver microsomes.

An assessment of the toxicological significance of anthropogenic contaminants in Canadian arctic wildlife.

Organochlorine compounds in liver and concentrations of vitellogenin and 17beta-estradiol in plasma of sea bass fed with a commercial or with a natural diet.

Activation of rat liver microsomal glutathione S-transferase by gallic acid.

A possible restriction of ferro- and ferricyanide oxidoreductase activities of rat liver mitochondria by the outer membrane.

Tissue-specific, inducible, and hormonal control of the human UDP-glucuronosyltransferase-1 (UGT1) locus.

Sodium arsenite-induced inhibition of eukaryotic translation initiation factor 4E (eIF4E) results in cytotoxicity and cell death.

Thyroid-hormone-disrupting chemicals: evidence for dose-dependent additivity or synergism.

Differential inhibitory effect of long-chain acyl-CoA esters on succinate and glutamate transport into rat liver mitochondria and its possible implications for long-chain fatty acid oxidation defects.

Dose-dependent liver regeneration in chloroform, trichloroethylene and allyl alcohol ternary mixture hepatotoxicity in rats.

Effect-directed analysis of mutagens and ethoxyresorufin-o-deethylase inducers in aquatic sediments.

Comparison of the cytotoxicity of the MEIC reference chemicals measured in protein free and in complete culture medium.

Comparison of TCDD and PCB CYP1A induction sensitivities in fresh hepatocytes from human donors, sprague-dawley rats, and rhesus monkeys and HepG2 cells.

Electron paramagnetic resonance investigation of in vivo free radical formation and oxidative stress induced by 2,4-dichlorophenol in the freshwater fish *Carassius auratus*.

Effects of iron supplementation on binding activity of iron regulatory proteins and the subsequent effect on growth performance and indices of hematological and mineral status of young pigs.

Current and emerging challenges in toxicopathology: carcinogenic threshold of phenobarbital and proof of arsenic carcinogenicity using rat medium-term bioassays for carcinogens.

Sulfonation of environmental chemicals and their metabolites in the polar bear (*Ursus maritimus*).

Regulation of mouse organic anion-transporting polypeptides (Oatps) in liver by prototypical microsomal enzyme inducers that activate distinct transcription factor pathways.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) alters the mRNA expression of critical genes associated with cholesterol metabolism, bile acid biosynthesis, and bile transport in rat liver: a microarray study.

Concentrations and hazard assessment of polychlorinated biphenyls and organochlorine pesticides in shark liver from the Mediterranean Sea.

The dioxin-like PCB 77 but not the ortho-substituted PCB 153 interferes with chicken embryo thyroid hormone homeostasis and delays hatching.

EROD induction and PCDD/F levels in fish liver from the Biobio River in Chile.

Evaluation of mutagenic and antimutagenic activities of alpha-bisabolol in the Salmonella/microsome assay.

Altered retinoid metabolism in female Long-Evans and Han/Wistar rats following long-term 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treatment.

Comparison of murine cirrhosis models induced by hepatotoxin administration and common bile duct ligation.

Glutathione redox state regulates mitochondrial reactive oxygen production.

Human cordonal stem cell intraperitoneal injection can represent a rescue therapy after an acute hepatic damage in immunocompetent rats.

Improvement of mortality rate and decrease in histologic hepatic injury after human cord blood stem cell infusion in a murine model of hepatotoxicity.

Aryl hydrocarbon receptor (AHR) and AHR nuclear translocator (ARNT) expression in Baikal seal (*Pusa sibirica*) and association with 2,3,7,8-TCDD toxic equivalents and CYP1 expression levels.

Plasma protein level changes in waste incineration workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Concentrations of persistent organochlorine contaminants in bowhead whale tissues and other biota from northern Alaska: implications for human exposure from a subsistence diet.

Induction of the multidrug resistance-associated protein family of transporters by chemical activators of receptor-mediated pathways in mouse liver.

Induction of ethoxy-resorufin-O-deethylase activity by halogenated aromatic hydrocarbons and polycyclic aromatic hydrocarbons in primary hepatocytes of the green frog (*Rana esculenta*).

Microplates with integrated oxygen sensors for kinetic cell respiration measurement and cytotoxicity testing in primary and secondary cell lines.

Glutathione conjugates of 4-hydroxy-2(E)-nonenal as biomarkers of hepatic oxidative stress-induced lipid peroxidation in rats.

Hepatic CYP1A induction by dioxin-like compounds, and congener-specific metabolism and sequestration in wild common cormorants from Lake Biwa, Japan.

Effects of redox cycling compounds on DT diaphorase activity in the liver of rainbow trout (*Oncorhynchus mykiss*).

[Free radical generation and lipid peroxidation induced by 2,4-dichlorophenol in liver of *Carassius auratus*].

Bcl-2 gene family expression in the brain of rat offspring after gestational and lactational dioxin exposure.

Altered thyroxin and retinoid metabolic response to 2,3,7,8-tetrachlorodibenzo-p-dioxin in aryl hydrocarbon receptor-null mice.

Analysis of UNEP priority POPs using HRGC-HRMS and their contamination profiles in livers and eggs of great cormorants (*Phalacrocorax carbo*) from Japan.

Aspects of dioxin toxicity are mediated by interleukin 1-like cytokines.

Tetrachlorodibenzo-p-Dioxin (TCDD) Inhibits Differentiation and Increases Apoptotic Cell Death of Precursor T-Cells in the Fetal Mouse Thymus.

[Evaluation of the iron bioavailability from meals prepared with lentil (*Lens esculenta*) or with white kidney bean seeds (*Phaseolus vulgaris*) in anemic rats].

[Differentiation of bone marrow derived Thy-1+ beta2M- cells into liver cells in AA induced liver injury micro-environment].

Thyroid lesions and dioxin accumulation in the livers of jungle crows (*Corvus macrorhynchos*) in urban and suburban Tokyo.

Effect of *Chlorella pyrenoidosa* on fecal excretion and liver accumulation of polychlorinated dibenzo-p-dioxin in mice.

The effects of gestational arsenic exposure and dietary selenium deficiency on selenium and selenoenzymes in maternal and fetal tissues in mice.

Proteomic characterization of rat liver exposed to 2,3,7,8-tetrachlorobenzo-p-dioxin.

Characterization of the metabolic interaction between trihalomethanes and chloroacetic acids using rat liver microsomes.

Optimisation of the coupled monoclonal antibody density for recombinant hepatitis B virus surface antigen immunopurification.

Phase I study of MetXia-P450 gene therapy and oral cyclophosphamide for patients with advanced breast cancer or melanoma.

Natural furocoumarins as inducers and inhibitors of cytochrome P450 1A1 in rat hepatocytes.

[Differentiation of rat bone marrow derived Thy-1+ beta2M- cells into hepatocytes].

Monochloroacetic acid inhibits liver gluconeogenesis by inactivating glyceraldehyde-3-phosphate dehydrogenase.

Attenuation of cyclosporine A toxicity by sublethal heat shock. Role of catalase.

Differential signatures of protein expression in marmoset liver and thymus induced by single-dose TCDD treatment.

In vitro System for Assessing Dioxin Absorption by Intestinal Epithelial Cells and for Preventing this Absorption by Food Substances.

Studies of the toxicological potential of tripeptides (L-valyl-L-prolyl-L-proline and L-isoleucyl-L-prolyl-L-proline): IX. Evaluation of the mutagenic potential of synthesized L-valyl-L-prolyl-L-proline in the Salmonella-Escherichia coli/microsome, incorporation assay.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on vitamin A metabolism in mice.

Effects of N-acetylcysteine, quercetin, and phytic acid on spontaneous hepatic and renal lesions in LEC rats.

Effect of silybin and its glycosides on the expression of cytochromes P450 1A2 and 3A4 in primary cultures of human hepatocytes.

Tissue repair: an important determinant of final outcome of toxicant-induced injury.

Hepatocyte-targeted nuclear imaging using ^{99m}Tc-galactosylated chitosan: conjugation, targeting, and biodistribution.

Aryl hydrocarbon receptor-activating polychlorinated biphenyls and their hydroxylated metabolites induce cell proliferation in contact-inhibited rat liver epithelial cells.

Concentration-dependent TCDD elimination kinetics in humans: toxicokinetic modeling for moderately to highly exposed adults from Seveso, Italy, and Vienna, Austria, and impact on dose estimates for the NIOSH cohort.

The transcriptional response to a peroxisome proliferator-activated receptor alpha agonist includes increased expression of proteome maintenance genes.

A comparative study of plant and animal mitochondria exposed to paraquat reveals that hydrogen peroxide is not related to the observed toxicity.

The effects of sub-chronic exposure of Wistar rats to the herbicide Glyphosate-Biocarb.

Reactivity of hydrazinophthalazine drugs with the lipid peroxidation products acrolein and crotonaldehyde.

Effects of long-term exposure of the red swamp crawfish *Procambarus clarkii* to a mixture of two herbicides, 2,4-dichlorophenoxyacetic acid and monosodium methanearsonate, and associated human health risks.

Mitogenic and cytotoxic effects of pentachlorophenol to AML 12 mouse hepatocytes.

Pentachlorophenol-induced cytotoxic, mitogenic, and endocrine-disrupting activities in channel catfish, *Ictalurus punctatus*.

Severe acute hepatitis in a burns patient.

Strong protein adduct trapping accompanies abolition of acrolein-mediated hepatotoxicity by hydralazine in mice.

Chlorpropham induces mitochondrial dysfunction in rat hepatocytes.

Biokinetics and subchronic toxic effects of oral arsenite, arsenate, monomethylarsonic acid, and dimethylarsinic acid in v-Ha-ras transgenic (Tg.AC) mice.

Role of glutathione in dimethylarsinic acid-induced apoptosis.

Metallothionein (I/II) suppresses genotoxicity caused by dimethylarsinic acid.

Chromosomal aberrations, micronuclei and nuclear buds induced in human lymphocytes by 2,4-dichlorophenoxyacetic acid pesticide formulation.

Comparison of anti-androgenic activity of flutamide, vinclozolin, procymidone, linuron, and p, p'-DDE in rodent 10-day Hershberger assay.

Itraconazole-induced acute hepatitis in an agricultural worker: susceptibility or drug interaction?

Detoxication of the environmental pollutant acrolein by a rat liver aldo-keto reductase.

Biotransformation of chlorpropham (CIPC) in isolated rat hepatocytes and xenoestrogenic activity of CIPC and its metabolites by in vitro assays.

The effect of estradiol on the oxidative damage and trace element level determined in the liver of rats treated with dimethylarsinic acid.

Catalase transgenic mice: characterization and sensitivity to oxidative stress.

NTP toxicology and carcinogenesis studies of trans-cinnamaldehyde (CAS No. 14371-10-9) in F344/N rats and B6C3F1 mice (feed studies).

15-deoxy prostaglandin J2 enhances allyl alcohol-induced toxicity in rat hepatocytes.

Foetal rat lung epithelial (FRLE) cells: partial characterisation and response to pneumotoxins.

Multiple medical problems following agent orange exposure.

Glyphosate poisoning.

Genotoxicity evaluation of pesticide formulations containing alachlor and atrazine in multiple mouse tissues (blood, kidney, liver, bone marrow, spleen) by comet assay.

Protective role of metallothionein (I/II) against pathological damage and apoptosis induced by dimethylarsinic acid.

Activities of UDP-glucuronyltransferase, beta-glucuronidase and deiodinase types I and II in hyper- and hypothyroid rats.

Protein adduct-trapping by hydrazinophthalazine drugs: mechanisms of cytoprotection against acrolein-mediated toxicity.

Resistance of mitochondrial DNA-depleted cells against cell death: role of mitochondrial superoxide dismutase.

Acetaldehyde accumulation suppresses Kupffer cell release of TNF-Alpha and modifies acute hepatic inflammation in rats.

Transgenic mice overexpressing glutathione peroxidase 4 are protected against oxidative stress-induced apoptosis.

Identification and functional assessment of the novel murine organic anion transporter Oat5 (Slc22a19) expressed in kidney.

Absorption, distribution, metabolism and excretion of 4-chloro-2-methylphenoxyacetic acid (MCPA) in rats.

DRESSA: biosensing of dioxin and dioxin-like chemicals using secreted alkaline phosphatase.

Potent inhibition of recombinant human cytochrome p-450 1A1 by pentamethoxystilbene.

Effects of polybrominated diphenyl ethers on basal and TCDD-induced ethoxyresorufin activity and cytochrome P450-1A1 expression in MCF-7, HepG2, and H4IIE cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces suppressor of cytokine signaling 2 in murine B cells.

Lack of antagonism of 2,3,7,8-tetrachlorodibenzo-p-dioxin's (TCDDs) induction of cytochrome P4501A1 (CYP1A1) by the putative selective aryl hydrocarbon receptor modulator 6-alkyl-1,3,8-trichlorodibenzofuran (6-MCDF) in the mouse hepatoma cell line Hepa-1c1c7.

Transforming growth factor-beta 1-induced apoptosis is blocked by beta 1-integrin-mediated mitogen-activated protein kinase activation in human hepatoma cells.

Determination of dioxin and dioxin-like compounds in sediments from UK estuaries using a bio-analytical approach: chemical-activated luciferase expression (CALUX) assay.

Iron absorption by heterozygous carriers of the HFE C282Y mutation associated with hemochromatosis.

Liver portal fibrosis in dioxin receptor-null mice that overexpress the latent transforming growth factor-beta-binding protein-1.

Modulation of aryl hydrocarbon receptor-regulated gene expression by arsenite, cadmium, and chromium.

Evaluation of mixture effects in a crude extract of compost using the CALUX bioassay and HPLC fractionation.

Microarray analysis of gene regulation in the Hepa1c1c7 cell line following exposure to the DNA methylation inhibitor 5-aza-2'-deoxycytidine and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Inhibition of the MEK-1/p42 MAP kinase reduces aryl hydrocarbon receptor-DNA interactions.

Protective activity of hesperidin and lipoic acid against sodium arsenite acute toxicity in mice.

Protective effects of vitamin A and vitamin E succinate against 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced body wasting, hepatomegaly, thymic atrophy, production of reactive oxygen species and DNA damage in C57BL/6J mice.

Reduction of the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice using an antiulcer drug, geranylgeranylacetone.

Differential effects of mercury, lead and copper on the constitutive and inducible expression of aryl hydrocarbon receptor (AHR)-regulated genes in cultured hepatoma Hepa 1c1c7 cells.

Chronic inorganic arsenic exposure induces hepatic global and individual gene hypomethylation: implications for arsenic hepatocarcinogenesis.

Molecular mechanisms of alcoholic fatty liver: role of sterol regulatory element-binding proteins.

[Synthesis and antitumor activity of 20-O-linked camptothecin ester derivatives].

Suppression of CYP1A1 expression by naringenin in murine Hepa-1c1c7 cells.

[Toxic effect of arsenite on the expression of liver multidrug resistance-associated protein 2 in rat].

Animal models for arsenic carcinogenesis: inorganic arsenic is a transplacental carcinogen in mice.

Understanding arsenic carcinogenicity by the use of animal models.

Development of an oral cancer slope factor for Aroclor 1268.

The topical application of 2,3,7,8-tetrachlorodibenzo-p-dioxin lacks skin tumor-promoting potency but induces hepatic injury and tumor necrosis factor-alpha expression in ICR male mice.

Flow cytometric methods used as screening tests for basal toxicity of chemicals.

Mechanism of hepatic insulin resistance in non-alcoholic fatty liver disease.

A constitutively active dioxin/aryl hydrocarbon receptor promotes hepatocarcinogenesis in mice.

Aromatic hydrocarbon receptor status in the metabolism of xenobiotics under normal and pathophysiological conditions.

Associations between organochlorine contaminant concentrations and clinical health parameters in loggerhead sea turtles from North Carolina, USA.

The relationship of diaphragmatic defect, liver growth, and lung hypoplasia in nitrofen-induced congenital diaphragmatic hernia in the rat.

Waste wood recycling as animal bedding and development of bio-monitoring tool using the CALUX assay.

Effects of cyclooxygenase-2 antisense vector on proliferation of human cholangiocarcinoma cells.

Independent actions on cyclin-dependent kinases and aryl hydrocarbon receptor mediate the antiproliferative effects of indirubins.

Mechanisms underlying arsenic carcinogenesis: hypersensitivity of mice exposed to inorganic arsenic during gestation.

NTP toxicology and carcinogenesis studies of triethanolamine (Cas No. 102-71-6) in B6C3F1 mice (dermal studies).

Protective effect of N-acetylcysteine against arsenic-induced depletion in vivo of carbohydrate.

Cyp1a1(-/-) male mice: protection against high-dose TCDD-induced lethality and wasting syndrome, and resistance to intrahepatocyte lipid accumulation and uroporphyrin.

Protective effect of methionine supplementation on arsenic-induced alteration of glucose homeostasis.

Patent ductus venosus and dioxin resistance in mice harboring a hypomorphic Arnt allele.

First evidence of endocrine disruption in feral carp from the Ebro River.

Role of mediator in transcriptional activation by the aryl hydrocarbon receptor.

Oxygen-regulated expression of the RNA-binding proteins RBM3 and CIRP by a HIF-1-independent mechanism.

Polychlorinated biphenyl and organochlorine pesticide residues in *Lophius budegassa* from the Mediterranean Sea (Italy).

Association of liver hemangiosarcoma and secondary iron overload in B6C3F1 mice--the National Toxicology Program experience.

Histological and lipid peroxidation changes after administration of 2-acetylaminofluorene in a rat liver injury model following selective periportal and pericentral damage.

Tissue-specific effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the activity of 5'-deiodinases I and II in rats.

Modulation of AhR-mediated CYP1A1 mRNA and EROD activities by 17beta-estradiol and dexamethasone in TCDD-induced H411E cells.

Intra-strain dioxin sensitivity and morphometric effects in swim-up rainbow trout (*Oncorhynchus mykiss*).

Sleep deprivation and cellular responses to oxidative stress.

Preferential transcription of rabbit Aldh1a1 in the cornea: implication of hypoxia-related pathways.

Toxicogenomic analysis of aberrant gene expression in liver tumors and nontumorous livers of adult mice exposed in utero to inorganic arsenic.

Assessment system for dioxin absorption in the small intestine and prevention of its absorption by food factors.

Anthocyan does not suppress transformation of aryl hydrocarbon receptor induced by dioxin.

[Severe toxic liver failure after acute poisoning with paracetamol, ferrous sulphate and naproxen].

Combined devascularization and proximal splenorenal shunt: is this a better option than either procedure alone?

Comparison of recombinant cell bioassays for the detection of Ah receptor agonists.

The H4IIE cell bioassay as an indicator of dioxin-like chemicals in wildlife and the environment.

The drug salicylamide is an antagonist of the aryl hydrocarbon receptor that inhibits signal transduction induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Immunohistochemical detection of activated caspases in apoptotic hepatocytes in rat liver.

Nitrofen-induced congenital diaphragmatic hernia in rat embryo: what model?

Induction of tumors of the liver, lung, ovary and adrenal in adult mice after brief maternal gestational exposure to inorganic arsenic: promotional effects of postnatal phorbol ester exposure on hepatic and pulmonary, but not dermal cancers.

Comparison of risk assessment methodologies for exposure of mink to PCBs on the Kalamazoo River, Michigan.

Antioxidant activity and neuroprotective effects of zolpidem and several synthesis intermediates.

Modulation of the hepatic CYP1A1 system in the marine fish *Gobius niger*, exposed to xenobiotic compounds.

Comparative uterine gene expression analysis after dioxin and estradiol administration.

Gestational exposure of Ahr and Arnt hypomorphs to dioxin rescues vascular development.

Liver regeneration: a critical toxicodynamic response in predictive toxicology.

Subchronic exposure to TCDD, PeCDF, PCB126, and PCB153: effect on hepatic gene expression.

Down regulation of hepatic PPARalpha function by AhR ligand.

Strain-specific of alachlor on murine olfactory mucosal responses.

Effects of dietary iron supplementation on growth performance, hematological status, and whole-body mineral concentrations of nursery pigs.

Dietary sesame oils inhibits iron-induced oxidative stress in rats [corrected].

In vitro cytotoxic and genotoxic effects of diphenylarsinic acid, a degradation product of chemical warfare agents.

C-reactive protein-induced in vitro vasorelaxation is an artefact caused by the presence of sodium azide in commercial preparations.

Dioxin health risk to infants using simulated tissue concentrations.

A human umbilical cord stem cell rescue therapy in a murine model of toxic liver injury.

Effects of natural and synthetic estrogens and various environmental contaminants on vitellogenesis in fish primary hepatocytes: comparison of bream (*Abramis brama*) and carp (*Cyprinus carpio*).

Effects of beta-naphthoflavone, phenobarbital and dichlobenil on the drug-metabolizing system of liver and nasal mucosa of Italian water frogs.

Polychlorinated biphenyls, hexachlorobenzene, hexachlorocyclohexane isomers, and pesticide organochlorine residues in cod-liver oil dietary supplements.

Sequential metabolism of 2,3,7-trichlorodibenzo-p-dioxin (2,3,7-triCDD) by cytochrome P450 and UDP-glucuronosyltransferase in human liver microsomes.

Levels and toxicokinetic behaviors of PCDD, PCDF, and coplanar PCB congeners in common cormorants from Lake Biwa, Japan.

Toxicokinetics of PCDD, PCDF, and coplanar PCB congeners in Baikal seals, *Pusa sibirica*: age-related accumulation, maternal transfer, and hepatic sequestration.

Dimethylthioarsenicals as arsenic metabolites and their chemical preparations.

Phenylthiourea as a weak activator of aryl hydrocarbon receptor inhibiting 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced CYP1A1 transcription in zebrafish embryo.

Biochemical and molecular biological analysis of different responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin in chick embryo heart and liver.

Neutrophils contribute to endotoxin enhancement of allyl alcohol hepatotoxicity.

Some polybrominated diphenyl ether (PBDE) flame retardants with wide environmental distribution inhibit TCDD-induced EROD activity in primary cultured carp (*Cyprinus carpio*) hepatocytes.

The human CYP1A1 gene is regulated in a developmental and tissue-specific fashion in transgenic mice.

Aryl hydrocarbon receptor-mediated induction of microsomal drug-metabolizing enzyme activity by indirubin and indigo.

The aryl hydrocarbon receptor-mediated disruption of vitellogenin synthesis in the fish liver: Cross-talk between AHR- and ER α -signalling pathways.

Pharmacokinetic analysis of factors determining elimination pathways for sulfate and glucuronide metabolites of xenobiotics. III: mechanisms for sinusoidal efflux of 4-methylumbelliferone sulfate.

EROD activities in a primary cell culture of grass carp (*Ctenopharyngodon idellus*) hepatocytes exposed to polychlorinated aromatic hydrocarbons.

Differential susceptibility of fish and rat liver cells to oxidative stress and cytotoxicity upon exposure to prooxidants.

Tumor promoters as inhibitors of apoptosis in rat hepatocytes.

Polycyclic aromatic hydrocarbons modulate cell proliferation in rat hepatic epithelial stem-like WB-F344 cells.

CYP1A2 is not required for 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immunosuppression.

Molecular switch circuits in toxicology: a dimmer switch for dioxin.

Effects of chronic exposure of 2,4-dichlorophenol on the antioxidant system in liver of freshwater fish *Carassius auratus*.

Cell-based assay for the detection of chemically induced cellular stress by immortalized untransformed transgenic hepatocytes.

The role of protein tyrosine kinases in CYP1A1 induction by omeprazole and thiabendazole in rat hepatocytes.

Induction of hepatic metallothionein synthesis by endoplasmic reticulum stress in mice.

Compartmental inhibition of hepatic glutathione reductase activities by 1,3-bis(2-chloroethyl)-N-nitrosourea (BCNU) in Sprague-Dawley and Fischer-344 rats.

Connective tissue growth factor (CCN2) induces adhesion of rat activated hepatic stellate cells by binding of its C-terminal domain to integrin $\alpha(v)\beta(3)$ and heparan sulfate proteoglycan.

The effect of *Smallanthus sonchifolius* leaf extracts on rat hepatic metabolism.

Uncoupling-mediated generation of reactive oxygen by halogenated aromatic hydrocarbons in mouse liver microsomes.

Cyp1a2 protects against reactive oxygen production in mouse liver microsomes.

Perinatal dioxin exposure and later effects--a review.

Spatial variation in hepatic levels and patterns of PCBs and PCDD/Fs among young-of-the-year and adult Atlantic tomcod (*Microgadus tomcod*) in the Hudson River estuary.

DNA adduct formation in precision-cut rat liver and lung slices exposed to benzo[a]pyrene.

Potential of carbon tetrachloride hepatotoxicity and lethality in type 2 diabetic rats.

Divergent roles of hepatitis B virus X-associated protein 2 (XAP2) in human versus mouse Ah receptor complexes.

Histological analysis of acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in zebrafish.

Effect of acute exposure to arsenic on formalin-induced nociception and tramadol-mediated antinociception in mice.

Update on olfactory mucosal metabolic enzymes: age-related changes and N-acetyltransferase activities.

Toxicity, histopathological alterations and immunohistochemical CYP1A induction in the early life stages of the seabream, *Sparus aurata*, following waterborne exposure to B(a)P and TCDD.

Regulation of CYP1A2 by histone deacetylase inhibitors in mouse hepatocytes.

Toxicokinetic and genomic analysis of chronic arsenic exposure in multidrug-resistance *mdr1a/1b*(-/-) double knockout mice.

The olivacine derivative **s 16020** (9-hydroxy-5,6-dimethyl-N-[2-(dimethylamino)ethyl]-6H-pyrido(4,3-B)-carbazole-1-carboxamide) induces CYP1A and its own metabolism in human hepatocytes in primary culture.

An assessment of the genotoxicity and human health risk of topical use of kojic acid [5-hydroxy-2-(hydroxymethyl)-4H-pyran-4-one].

Induction of murine NAD(P)H:quinone oxidoreductase by 2,3,7,8-tetrachlorodibenzo-p-dioxin requires the CNC (cap 'n' collar) basic leucine zipper transcription factor Nrf2 (nuclear factor erythroid 2-related factor 2): cross-interaction between AhR (aryl hydrocarbon receptor) and Nrf2 signal transduction.

Dioxin, dibenzofuran, and polychlorinated biphenyl (PCB) levels in food from Agent Orange-sprayed and nonsprayed areas of Laos.

[Renal and hepatic failure secondary to cyanamide].

Toxic nephropathy: environmental chemicals.

Iron, zinc and copper levels in brain, serum and liver of neonates exposed to 2,4-dichlorophenoxyacetic acid.

Biochemical and histopathological effects of glyphosate herbicide on Nile tilapia (*Oreochromis niloticus*).

The herbicide metolachlor induces liver cytochrome P450s 2B1/2 and 3A1/2, but not thyroxine-uridine dinucleotide phosphate glucuronosyltransferase and associated thyroid gland activity.

An oxygen-bonded c8-deoxyguanosine nucleoside adduct of pentachlorophenol by peroxidase activation: evidence for ambident c8 reactivity by phenoxy radicals.

The herbicide dicamba (2-methoxy-3,6-dichlorobenzoic acid) interacts with mitochondrial bioenergetic functions.

Fatal 2,4-D (ethyl ester) ingestion.

Toxicovigilance: new biochemical tool used in sulfonylurea herbicides toxicology studies.

Prevention of dual promoting effects of pentachlorophenol, an environmental pollutant, on diethylnitrosamine-induced hepato- and cholangiocarcinogenesis in mice by green tea infusion.

Experimental hepatic uroporphyrinemia induced by the diphenyl-ether herbicide fomesafen in male DBA/2 mice.

A review of the genotoxicity of triallate.

Allyl alcohol activation of protein kinase C delta leads to cytotoxicity of rat hepatocytes.

Cancer and developmental exposure to endocrine disruptors.

Influence of malathion pretreatment on the toxicity of anilofos in male rats: a biochemical interaction study.

The restriction of all minerals in the diet enhancing paraquat toxicity is regarded primarily as the shortage of Mg.

In vitro studies on the chemical reactivity of 2,4-dichlorophenoxyacetyl-S-acyl-CoA thioester.

Cytotoxic effects of the herbicide 2,4-dichlorophenoxyacetic acid in HepG2 cells.

Carcinogenicity of dimethylarsinic acid in p53 heterozygous knockout and wild-type C57BL/6J mice.

Inhibitory activity of epigallocatechin gallate (EGCg) in paraquat-induced microsomal lipid peroxidation--a mechanism of protective effects of EGCg against paraquat toxicity.

Inhibition of cytokine production by the herbicide atrazine. Search for nuclear receptor targets.

Paraquat and menadione exposure of rainbow trout (*Oncorhynchus mykiss*)--studies of effects on the pentose-phosphate shunt and thiamine levels in liver and kidney.

Combined initial cyclophosphamide with repeated methylprednisolone pulse therapy for severe paraquat poisoning from dermal exposure.

Focal transmural necrotic tracheitis in commercial meat turkeys.

Pentachlorophenol (but not phenobarbital) promotes intrahepatic biliary cysts induced by diethylnitrosamine to cholangio cystic neoplasms in B6C3F1 mice possibly due to oxidative stress.

Comparison of cyanamide and placebo in the treatment of alcohol dependence of adolescents.

Formation of acrolein-derived 2'-deoxyadenosine adduct in an iron-induced carcinogenesis model.

Lack of modifying effects of atrazine and/or tamoxifen on thyroid carcinogenesis in rats pretreated with N-bis(2-hydroxypropyl)nitrosamine (DHPN).

Resistance to tumor necrosis factor-alpha (TNF-alpha)-induced apoptosis in rat hepatoma cells expressing TNF-alpha is linked to low antioxidant enzyme expression.

Effects of dietary essential oil components on growth performance, digestive enzymes and lipid metabolism in female broiler chickens.

Alcohol potentiates hepatitis C virus replicon expression.

Oxidative stress and bioindicators of reproductive function in pulp and paper mill effluent exposed white sucker.

Impacts of glutathione peroxidase-1 knockout on the protection by injected selenium against the pro-oxidant-induced liver aponecrosis and signaling in selenium-deficient mice.

Low levels of glutathione peroxidase 1 activity in selenium-deficient mouse liver affect c-Jun N-terminal kinase activation and p53 phosphorylation on Ser-15 in pro-oxidant-induced aponecrosis.

Reduction of paraquat-induced oxidative stress in rats by dietary soy peptide.

CYP1a1, HSP70, P53, and c-fos expression in human liver carcinoma cells (HepG2) exposed to pentachlorophenol.

Antioxidant perturbations in the olfactory mucosa of alachlor-treated rats.

Toxicokinetics, recovery, and metabolism of metamitron in goat.

Accumulation and metabolism of arsenic in mice after repeated oral administration of arsenate.

Thermal and metabolic factors affecting bioaccumulation of triazine herbicides by rainbow trout (*Oncorhynchus mykiss*).

A comparison of two methods for fractionating complex mixtures in preparation for toxicity analysis.

[Effect of aminotriazole on the activity of catalase and glucose-6-phosphate dehydrogenase in tissues of two frog species--*Rana ridibunda* and *Rana esculenta*].

Acetylation of histone H3 at lysine 9 by ethanol in rat hepatocytes.

Formation and removal of pentachlorophenol-derived protein adducts in rodent liver under acute, multiple, and chronic dosing regimens.

Dose-dependent biotransformation of arsenite in rats--not S-adenosylmethionine depletion impairs arsenic methylation at high dose.

Inhibition of succinic semialdehyde dehydrogenase activity by alkenal products of lipid peroxidation.

Hepatocyte metabolism of coenzyme Q1 (ubiquinone-5) to its sulfate conjugate decreases its antioxidant activity.

Induction of glutathione S-transferase placental form positive foci in liver and epithelial hyperplasia in urinary bladder, but no tumor development in male Fischer 344 rats treated with monomethylarsonic acid for 104 weeks.

Fish tolerance to organophosphate-induced oxidative stress is dependent on the glutathione metabolism and enhanced by N-acetylcysteine.

Ascorbic acid reduces the frequency of iron induced micronuclei in bone marrow cells of mice.

Brain mitochondrial aldehyde dehydrogenase: relation to acetaldehyde aversion in low-alcohol-drinking (UChA) and high-alcohol-drinking (UChB) rats.

Tolerogenic role of Kupffer cells in allergic reactions.

Dioxin and cancer: a critical review.

Role of lipid peroxidation as a mechanism of liver injury after acetaminophen overdose in mice.

Cellular uptake and metabolism of DNA frayed wires.

Systemic effects and skin injury after experimental dermal exposure to monochloroacetic acid.

Mechanisms of TCDD-induced abnormalities and embryo lethality in white leghorn chickens.

Oxidative stress in liver and brain of the hatchling chicken (*Gallus domesticus*) following in ovo injection with TCDD.

Contribution of the Ah receptor to the phenolic antioxidant-mediated expression of human and rat UDP-glucuronosyltransferase UGT1A6 in Caco-2 and rat hepatoma 5L cells.

Use of an "acetaldehyde clamp" in the determination of low-KM aldehyde dehydrogenase activity in H4-II-E-C3 rat hepatoma cells.

Protective effect of fenugreek (*Trigonella foenum graecum*) seeds in experimental ethanol toxicity.

Herbimycin A attenuates apoptosis during heat stress in rats.

Beta-glucuronidase inhibitor tectorigenin isolated from the flower of *Pueraria thunbergiana* protects carbon tetrachloride-induced liver injury.

Evaluation of the potential impact of pharmacokinetic differences on tissue dosimetry in offspring during pregnancy and lactation.

3'-methoxy-4'-nitroflavone, a reported aryl hydrocarbon receptor antagonist, enhances Cyp1a1 transcription by a dioxin responsive element-dependent mechanism.

Characteristics and application of established luciferase hepatoma cell line that responds to dioxin-like chemicals.

Applicability of the CALUX bioassay for screening of dioxin levels in human milk samples.

Celecoxib inhibits proliferation and induces apoptosis via prostaglandin E2 pathway in human cholangiocarcinoma cell lines.

Aryl hydrocarbon receptor gene silencing with small inhibitory RNA differentially modulates Ah-responsiveness in MCF-7 and HepG2 cancer cells.

Protective effect of melatonin against mitochondrial injury induced by ischemia and reperfusion of rat liver.

Rat thyroid hyperplasia induced by gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

ZnCl₂ induces Syrian hamster embryo (SHE) cell transformation.

Methylated metabolites of arsenic trioxide are more potent than arsenic trioxide as apoptotic but not differentiation inducers in leukemia and lymphoma cells.

Effect of low dose mono-ortho 2,3',4,4',5 pentachlorobiphenyl on thyroid hormone status and EROD activity in rat offspring: consequences for risk assessment.

Validation of the chloramine-T induced oxidation of human serum albumin as a model for oxidative damage in vivo.

Invasion of interstitial matrix by a novel cell line from primary peritoneal carcinosarcoma, and by established ovarian carcinoma cell lines: role of cell-matrix adhesion molecules, proteinases, and E-cadherin expression.

Edaravone protects against ischemia/reperfusion-induced oxidative damage to mitochondria in rat liver.

Induction of cytochrome P4501A and endocrine disrupting effects of school incinerator residues.

Involvement of oxidative stress in the toxicity of 4-monochlorophenol in Hep G2 cells in culture.

Prostate cancer risk in California farm workers.

Troglitazone-induced intracellular oxidative stress in rat hepatoma cells: a flow cytometric assessment.

Basis for a proposed reference dose (RfD) for dioxin of 1-10 pg/kg-day: a weight of evidence evaluation of the human and animal studies.

TCDD-dependent downregulation of gamma-catenin in rat liver epithelial cells (WB-F344).

Ferric citrate is half as effective as ferrous sulfate in meeting the iron requirement of juvenile tilapia, *Oreochromis niloticus* x *O. aureus*.

Iron bioavailability and weight gains to iron-deficient rats fed a commonly consumed Tunisian meal 'bean seeds ragout' with or without beef and with green or black tea decoction.

Increase in cardiovascular pathology in female Sprague-Dawley rats following chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3,3',4,4',5-pentachlorobiphenyl.

PPARalpha agonist-induced rodent tumors: modes of action and human relevance.

The use of c-src knockout mice for the identification of the main toxic signaling pathway of TCDD to induce wasting syndrome.

Perinatal exposure to low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin alters sex-dependent expression of hepatic CYP2C11.

Antiperoxidative, anti-inflammatory, and antimutagenic activities of ethanol extract of the mycelium of *Ganoderma lucidum* occurring in South India.

Transplacental carcinogenicity of inorganic arsenic in the drinking water: induction of hepatic, ovarian, pulmonary, and adrenal tumors in mice.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced accumulation of biliverdin and hepatic peliosis in rats.

EGF and TGF-alpha expression influence the developmental toxicity of TCDD: dose response and AhR phenotype in EGF, TGF-alpha, and EGF + TGF-alpha knockout mice.

Blockage of multidrug resistance-associated proteins potentiates the inhibitory effects of arsenic trioxide on CYP1A1 induction by polycyclic aromatic hydrocarbons.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) alters the endogenous metabolism of all-trans-retinoic acid in the rat.

Transcriptional regulation of heme oxygenase-1 gene expression by MAP kinases of the JNK and p38 pathways in primary cultures of rat hepatocytes.

Resistance to 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity and abnormal liver development in mice carrying a mutation in the nuclear localization sequence of the aryl hydrocarbon receptor.

Expression of aryl hydrocarbon receptor repressor in normal human tissues and inducibility by polycyclic aromatic hydrocarbons in human tumor-derived cell lines.

2,3,7,8-tetrachlorodibenzo-p-dioxin induces lecithin: retinol acyltransferase transcription in the rat kidney.

Hepatocellular injury with hyperaminotransferasemia after cresol ingestion.

Acutely administered melatonin restores hepatic mitochondrial physiology in old mice.

The liver isoform of carnitine palmitoyltransferase 1 is not targeted to the endoplasmic reticulum.

Primary cultures of human hepatocytes as a tool in cytotoxicity studies: cell protection against model toxins by flavonolignans obtained from *Silybum marianum*.

Sensitivity of bald eagle (*Haliaeetus leucocephalus*) hepatocyte cultures to induction of cytochrome P4501A by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Hepatic EROD activity is not a useful biomarker of polychlorinated biphenyl exposure in the adult herring gull (*Larus argentatus*).

Modulating carbonyl cytotoxicity in intact rat hepatocytes by inhibiting carbonyl metabolizing enzymes. II. Aromatic aldehydes.

Modulating carbonyl cytotoxicity in intact rat hepatocytes by inhibiting carbonyl-metabolizing enzymes. I. Aliphatic alkenals.

Humic acid mediates iron release from ferritin and promotes lipid peroxidation in vitro: a possible mechanism for humic acid-induced cytotoxicity.

Use of cultured cells of kidney origin to assess specific cytotoxic effects of nephrotoxins.

Hepatic stem cells: existence and origin.

Hepatic progenitor cell lines from allyl alcohol-treated adult rats are derived from gamma-irradiated mouse STO cells.

The 2001 Veylien Henderson Award of the Society of Toxicology of Canada. Positive and negative transcriptional regulation of cytochromes P450 by polycyclic aromatic hydrocarbons.

Isolation, sequencing, and expression of a cDNA for the HXM-A form of xenobiotic/medium-chain fatty acid:CoA ligase from human liver mitochondria.

[Induction of aryl hydrocarbon receptor and CYP1A1 mRNA by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver].

Oxidative stress in laboratory-incubated double-crested cormorant eggs collected from the Great Lakes.

Oxygen availability during orthotopic liver transplantation.

Low density lipoprotein receptor-related protein (LRP) is a heparin-dependent adhesion receptor for connective tissue growth factor (CTGF) in rat activated hepatic stellate cells.

TCDD-induced expression of Ah receptor responsive genes in the pituitary and brain of cellular retinol-binding protein (CRBP-I) knockout mice.

Role of mitochondrial aldehyde dehydrogenase in nitrate tolerance.

Cell-specific expression of CYP2A5 in the mouse respiratory tract: effects of olfactory toxicants.

Kinetics of monochloroacetic acid at subtoxic and toxic doses in rats after single oral and dermal administrations.

The role of hepatocellular oxidative stress in Kupffer cell activation during 1,2-dichlorobenzene-induced hepatotoxicity.

In vivo studies on the metabolism of the monoterpene pulegone in humans using the metabolism of ingestion-correlated amounts (MICA) approach: explanation for the toxicity differences between (S)-(-)- and (R)-(+)-pulegone.

Cellular binding of hepatitis C virus envelope glycoprotein E2 requires cell surface heparan sulfate.

NTP toxicology and carcinogenesis Studies of 2,4-hexadienal (89% trans,trans isomer, CAS No. 142-83-6; 11% cis,trans isomer) (Gavage Studies).

Toxicogenomic effects of marine brevetoxins in liver and brain of mouse.

Decreased enzyme activity of hepatic thioredoxin reductase and glutathione reductase in rabbits by prolonged exposure to inorganic arsenate.

3,4-dichloroaniline-induced oxidative stress in liver of crucian carp (*Carassius auratus*).

Effect of dietary co-administration of sodium selenite on sodium arsenite-induced ovarian and uterine disorders in mature albino rats.

Endogenously produced endothelial lipase enhances binding and cellular processing of plasma lipoproteins via heparan sulfate proteoglycan-mediated pathway.

Thallium induces opening of the mitochondrial permeability transition pore in the inner membrane of rat liver mitochondria.

[Effects of long-term exposure of low-level 2,4-dichlorophenol on the antioxidant defense system in liver of *Carassius auratus*].

4-aminobiphenyl-induced liver and urinary bladder DNA adduct formation in Cyp1a2(-/-) and Cyp1a2(+/+) mice.

On the significance of the role of cellular stress response reactions in the toxic actions of dioxin.

ATP-dependent transport of bile acid intermediates across rat liver peroxisomal membranes.

Tissue repair plays pivotal role in final outcome of liver injury following chloroform and allyl alcohol binary mixture.

FT-IR spectroscopic analysis of rainbow trout liver exposed to nonylphenol.

Effects of cytochrome P-450 inducers on the perazine metabolism in a primary culture of human hepatocytes.

Naturally produced halogenated dimethyl bipyrrroles bind to the aryl hydrocarbon receptor and induce cytochrome P4501A and porphyrin accumulation in chicken embryo hepatocytes.

Activation and inhibition of cellular calcium and tyrosine kinase signaling pathways identify targets of the HBx protein involved in hepatitis B virus replication.

Initial signaling of the fibronectin receptor (alpha5beta1 integrin) in hepatic stellate cells is independent of tyrosine phosphorylation.

Health of tree swallow (*Tachycineta bicolor*) nestlings exposed to chlorinated hydrocarbons in the St Lawrence River basin. Part I. Renal and hepatic vitamin A concentrations.

Temperature dependence of rat liver mitochondrial respiration with uncoupling of oxidative phosphorylation by fatty acids. Influence of inorganic phosphate.

Quantitative structure toxicity relationships for phenols in isolated rat hepatocytes.

[Determination of 2,4-dinitrophenol, its basic metabolite and 4-oxide diphenyl in biological materials].

Selenoprotein metabolism and function: evidence for more than one function for selenoprotein P.

Differential modulation of cytochrome P-450 1A and P-glycoprotein expression by aryl hydrocarbon receptor agonists and thyroid hormone in *Xenopus laevis* liver and intestine.

Contribution of human cytochrome p-450 isoforms to the metabolism of the simplest phenothiazine neuroleptic promazine.

Role of the different mitogen-activated protein kinase subfamilies in the stimulation of dog and human thyroid epithelial cell proliferation by cyclic adenosine 5'-monophosphate and growth factors.

Inhibition of CYP 1A2-dependent MROD activity in rat liver microsomes: an explanation of the hepatic sequestration of a limited subset of halogenated aromatic hydrocarbons.

Tumorigenicity of chloral hydrate, trichloroacetic acid, trichloroethanol, malondialdehyde, 4-hydroxy-2-nonenal, crotonaldehyde, and acrolein in the B6C3F(1) neonatal mouse.

Functional activation of peroxisome proliferator-activated receptor alpha (PPARalpha) by environmental chemicals in relation to their toxicities.

Fractionation of protein adducts in rats and mice dosed with [14C]pentachlorophenol.

Hepatocellular peroxisome proliferation and DNA synthesis in Wistar rats treated with herbicide fluazifop.

Antioxidant enzymes, free-radical damage, and response to paraquat in liver and kidney of long-living growth hormone receptor/binding protein gene-disrupted mice.

Paraquat-induced gene expression in rat lung tissues using a differential display reverse transcription-polymerase chain reaction.

A survey of EPA/OPP and open literature on selected pesticide chemicals. III. Mutagenicity and carcinogenicity of benomyl and carbendazim.

Nuclear and nucleolar glutathione reductase, peroxidase, and transferase activities in livers of male and female Fischer-344 rats.

Toxicokinetics, recovery, and metabolism of triclopyr butotyl (ACTP) ester in goats.

Plasmid DNA damage caused by methylated arsenicals, ascorbic acid and human liver ferritin.

Detection of estrogenic activity in sediment-associated compounds using in vitro reporter gene assays.

[An unusual case of toxic hepatitis from paraquat].

Review of 2,4-dichlorophenoxyacetic acid (2,4-D) epidemiology and toxicology.

Oral (gavage) two-generation (one litter per generation) reproduction study of pentachlorophenol (penta) in rats.

Paraquat-generated oxidative stress in rat liver induces heme oxygenase-1 and aminolevulinic acid synthase.

Paraquat detoxicative system in the mouse liver postmitochondrial fraction.

Predictors of survival after acute paraquat poisoning.

A major human arsenic metabolite, dimethylarsinic acid, requires reduced glutathione to induce apoptosis.

Oxysterols as indices of oxidative stress in man after paraquat ingestion.

Effect of alachlor on hepatic cytochrome P450 enzymes in rats.

Effects of paraquat on essential antioxidant elements in osteogenic disorder Shionogi rat.

Effect of vitamin C on plasma total antioxidant status in patients with paraquat intoxication.

Marker enzyme assessment in the liver of cyprinus carpio (L.) exposed to 2,4-D and azinphosmethyl.

[Participation of dexamethasone and E and C vitamins in the modulation of the hepatotoxic effect induced by fomesafen and 2,4-D amino herbicides, in rats].

[Effect of diclofop on the activity of some drug-metabolizing enzymes in the liver of male Wistar rats].

In vitro hepatotoxicity of alachlor and its by-products.

Enantiomeric enrichment of chiral pesticides in the environment.

Ascorbic acid induces redifferentiation and growth inhibition in human hepatoma cells by increasing endogenous hydrogen peroxide.

Evaluation of a 15-day screening assay using intact male rats for identifying antiandrogens.

Promoting effects of monomethylarsonic acid, dimethylarsinic acid and trimethylarsine oxide on induction of rat liver preneoplastic glutathione S-transferase placental form positive foci: a possible reactive oxygen species mechanism.

The restoring effect of trifluralin and benznidazole on the abnormal fatty-acid pattern induced by *Trypanosoma cruzi* in the liver microsomes of infected mice.

Analysis of DNA adducts in rats exposed to pentachlorophenol.

Protection against acetaminophen hepatotoxicity by clofibrate pretreatment: role of catalase induction.

Lipid peroxidation contributes to immune reactions associated with alcoholic liver disease.

Aldehyde-sequestering drugs: tools for studying protein damage by lipid peroxidation products.

Effects of redox cycling compounds on glutathione content and activity of glutathione-related enzymes in rainbow trout liver.

Generation of protein adducts with malondialdehyde and acetaldehyde in muscles with predominantly type I or type II fibers in rats exposed to ethanol and the acetaldehyde dehydrogenase inhibitor cyanamide.

Metabolic disturbances in fish exposed to sodium pentachlorophenate (NaPCP) and 3,3',4,4',5-pentachlorobiphenyl (PCB126), individually or combined.

Soy protein reduces paraquat-induced oxidative stress in rats.

Measurement of 4-hydroxylation of ifosfamide in human liver microsomes using the estimation of free and protein-bound acrolein and codetermination of keto- and carboxyifosfamide.

In vitro effect of eugenol and cinnamaldehyde on membrane potential and respiratory chain complexes in isolated rat liver mitochondria.

Side-chain metabolism of propranolol: involvement of monoamine oxidase and mitochondrial aldehyde dehydrogenase in the metabolism of N-desisopropylpropranolol to naphthoxylactic acid in rat liver.

Age-related alteration in hepatic disposition of the neurotoxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine and pesticides.

Non-genotoxic carcinogens: early effects on gap junctions, cell proliferation and apoptosis in the rat.

Comparative toxicity study of 3-aminophenol in newborn and young rats.

Toxicology and carcinogenesis study of chloral hydrate (ad libitum and dietary controlled) (CAS no. 302-17-0) in male B6C3F1 mice (gavage study).

Acute toxicity of carbonyl iron and sodium iron EDTA compared with ferrous sulfate in young rats.

Using the dioxin receptor-CALUX in vitro bioassay to screen marine harbor sediments for compounds with a dioxin-like mode of action.

Formation of reactive oxygen species in rat hepatoma-derived Fa32 cells to predict human toxicity.

Cell-type specificity of ectonucleotidase expression and upregulation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of o,p'-DDT on the 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible CYP1A1 expression in murine Hepa-1c1c7 cells.

Application of the luciferase cell culture bioassay for the detection of refined petroleum products.

Alcohol-induced increases in insulin-like growth factor binding protein-1 are partially mediated by TNF.

Antiandrogenic effects in vitro and in vivo of the fungicide prochloraz.

Application of the luciferase recombinant cell culture bioassay system for the analysis of polycyclic aromatic hydrocarbons.

Effects of chronic dietary exposure to environmentally relevant concentrations to 2,3,7,8-tetrachlorodibenzo-p-dioxin on survival, growth, reproduction and biochemical responses of female rainbow trout (*Oncorhynchus mykiss*).

Screening of dioxin-like toxicity equivalents for various matrices with wildtype and recombinant rat hepatoma H4IIE cells.

2,3,7,8-tetrachlorodibenzo-p-dioxin causes alterations in lymphocyte development and thymic atrophy in hemopoietic chimeras generated from mice deficient in ARNT2.

Beta 1-integrin protects hepatoma cells from chemotherapy induced apoptosis via a mitogen-activated protein kinase dependent pathway.

Ethanol induces fatty acid synthesis pathways by activation of sterol regulatory element-binding protein (SREBP).

Laboratory safety.

Severe hepatic dysfunction following cresol poisoning.

Promotion of altered hepatic foci by 2,3,7,8-tetrachlorodibenzo-p-dioxin and 17beta-estradiol in male Sprague-Dawley rats.

In vivo effects of Panax ginseng extracts on the cytochrome P450-dependent monooxygenase system in the liver of 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed guinea pig.

Entacapone does not induce conformational changes in liver mitochondria or skeletal muscle in vivo.

Tyrosinemia I, a model for human diseases mediated by 2-oxoacid-utilizing dioxygenases: hepatotoxin suppression by NTBC does not normalize hepatic collagen metabolism.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces plasminogen activator inhibitor-1 through an aryl hydrocarbon receptor-mediated pathway in mouse hepatoma cell lines.

Inhibition of carcinogen-activating enzymes by 16 α -fluoro-5-androsten-17-one.

The stress response decreases NF-kappaB activation in liver of endotoxemic mice.

Mechanisms of 2-butoxyethanol carcinogenicity: studies on Syrian Hamster Embryo (SHE) cell transformation.

Comparison of acute toxicities of indolo[3,2-b]carbazole (ICZ) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in TCDD-sensitive rats.

Angiopoietin-1 and VEGF in vascular development and angiogenesis in hypoplastic lungs.

Severe 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) intoxication: kinetics and trials to enhance elimination in two patients.

Recruitment of dioxin receptor to active transcription sites.

Decrease in 4-aminobiphenyl-induced methemoglobinemia in Cyp1a2(-/-) knockout mice.

Involvement of multidrug resistance-associated protein 2 in in vivo cisplatin resistance of rat hepatoma AH66 cells.

Transgenic rice is a source of iron for iron-depleted rats.

Relationship between acetaldehyde levels and cell survival in ethanol-metabolizing hepatoma cells.

Effects of subchronic exposure to a complex mixture of persistent contaminants in male rats: systemic, immune, and reproductive effects.

Prediction of rodent nongenotoxic carcinogenesis: evaluation of biochemical and tissue changes in rodents following exposure to nine nongenotoxic NTP carcinogens.

An autopsy case of poisoning by massive absorption of cresol a short time before death.

Effects of src-deficiency on the expression of in vivo toxicity of TCDD in a strain of c-src knockout mice procured through six generations of backcrossings to C57BL/6 mice.

Improvement of chemically-activated luciferase gene expression bioassay for detection of dioxin-like chemicals.

Non-ahr gene susceptibility Loci for porphyria and liver injury induced by the interaction of 'dioxin' with iron overload in mice.

Involvement of protein tyrosine phosphorylation and reduction of cellular sulfhydryl groups in cell death induced by 1'-acetoxychavicol acetate in Ehrlich ascites tumor cells.

Association between chronic exposure to pesticides and recorded cases of human malignancy in Gaza Governorates (1990-1999).

Effects of coxsackievirus B3 infection on the acute-phase protein metallothionein and on cytochrome P-4501A1 involved in the detoxification processes of TCDD in the mouse.

NTP Technical Report on the Toxicology and Carcinogenesis Studies of Chloral Hydrate (Cas No. 302-17-0) in B6C3F1 mice (Gavage Studies).

Dioxin in infants--an environmental hazard?

Thyroid status is a key regulator of both flux and efficiency of oxidative phosphorylation in rat hepatocytes.

Development of a green fluorescent protein-based cell bioassay for the rapid and inexpensive detection and characterization of Ah receptor agonists.

Identification of a novel dioxin-inducible cytochrome P450.

Identification of novel Ah receptor agonists using a high-throughput green fluorescent protein-based recombinant cell bioassay.

Effects of 2-butoxyethanol on hepatic oxidative damage.

A dynamic role for the Ah receptor in cell signaling? Insights from a diverse group of Ah receptor interacting proteins.

The combined use of the CALUX bioassay and the HRGC/HRMS method for the detection of novel dioxin sources and new dioxin-like compounds.

Relative potencies of individual polycyclic aromatic hydrocarbons to induce dioxinlike and estrogenic responses in three cell lines.

Overexpression of bcl-2 protects hepatoma cell line HCC-9204 from ethanol-induced apoptosis.

The use of quantitative histological and molecular data for risk assessment and biologically based model development.

Ferrous ion autoxidation and its chelation in iron-loaded human liver HepG2 cells.

Autocrine activation of the hepatocyte growth factor receptor/met tyrosine kinase induces tumor cell motility by regulating pseudopodial protrusion.

Aromatic hydrocarbon receptor expression and function in liver of hypophysectomized male rats.

Re: dioxin increases reactive oxygen production in mouse liver mitochondria (toxicol. Appl. Pharmacol.178, 15-21, 2002). To the editor.

Reactivity of atropaldehyde, a felbamate metabolite in human liver tissue in vitro.

Subchronic toxicity of Baltic herring oil and its fractions in the rat I: Fractionation and levels of organohalogen pollutants.

Immunoaffinity column as sample cleanup method for determination of the beta-adrenergic agonist ractopamine and its metabolites.

Different toxicological profile of two COMT inhibitors in vivo: the role of uncoupling effects.

Indolo[3,2-b]carbazole inhibits gap junctional intercellular communication in rat primary hepatocytes and acts as a potential tumor promoter.

Mitochondrial reactive oxygen production is dependent on the aromatic hydrocarbon receptor.

Effects of entacapone and tolcapone on mitochondrial membrane potential.

Bioavailability of the isomer mixture of phytoene and phytofluene-rich alga *Dunaliella bardawil* in rat plasma and tissues.

Enhancement of allyl alcohol hepatotoxicity by endotoxin requires extrahepatic factors.

Response of anti-oxidant enzymes mRNA in the neonatal rat liver exposed to 1,2,3,4-tetrachlorodibenzo-p-dioxin via lactation.

Stereoselective hydroxylation of 4-methyl-2-cyclohexenone in rats: its relevance to R-(+)-pulegone-mediated hepatotoxicity.

Cyclosporin A-sensitive permeability transition pore is involved in Cd(2+)-induced dysfunction of isolated rat liver mitochondria: doubts no more.

Metabolism of polychlorinated dibenzo-p-dioxins (PCDDs) by human cytochrome P450-dependent monooxygenase systems.

Analysis of paraquat, diquat and two diquat metabolites in biological materials by high-performance liquid chromatography.

Effect of chitosan oligosaccharide on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced oxidative stress in mice.

Estrous cycle-regulated expression of CYP1B1 mRNA in the rat ovary.

Induction of P-glycoprotein, glutathione-S-transferase and cytochrome P450 in rat liver by atrazine.

Severe 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) intoxication: insights into the measurement of hepatic cytochrome P450 1A2 induction.

Oxidative bioactivation of crotyl alcohol to the toxic endogenous aldehyde crotonaldehyde: association of protein carbonylation with toxicity in mouse hepatocytes.

Comparative responsiveness of hypothyroxinemia and hepatic enzyme induction in Long-Evans rats versus C57BL/6J mice exposed to TCDD-like and phenobarbital-like polychlorinated biphenyl congeners.

IARC monographs, industry influence, and upgrading, downgrading, and under-grading chemicals: a personal point of view. International Agency for Research on Cancer.

Distribution and elimination of polychlorinated dibenzo-p-dioxins, dibenzofurans, biphenyls, and p,p'-DDE in tissues of bald eagles from the Upper Peninsula of Michigan.

The effect of ascorbic acid and ethanol on the level of thiobarbituric acid reactive substances (TBARS) in selected tissues of albino BALB/c mice.

Evidence for the involvement of CYP1A2 in the metabolism of bromodichloromethane in rat liver.

Induction of oxidative stress in the tissues of rats after chronic exposure to TCDD, 2,3,4,7,8-pentachlorodibenzofuran, and 3,3',4,4',5-pentachlorobiphenyl.

Comparative effects of TCDD, endrin, naphthalene and chromium (VI) on oxidative stress and tissue damage in the liver and brain tissues of mice.

Effects of inhaled methyl bromide gas on the metabolic system and kinetics of bromine ion in rats.

Thyroid toxicity due to subchronic exposure to a complex mixture of 16 organochlorines, lead, and cadmium.

Expression of rat liver glutathione-S-transferase GSTA5 in cell lines provides increased resistance to alkylating agents and toxic aldehydes.

Assessment of chlorinated dibenzo-p-dioxin and dibenzofuran trends in sediment and crab hepatopancreas from pulp mill and harbor sites using multivariate- and index-based approaches.

Circulating lysozyme and hepatic CYP1A activities during a chronic dietary exposure to tributyltin (TBT) and 3,3',4,4',5-pentachlorobiphenyl (PCB-126) mixtures in channel catfish, *Ictalurus punctatus*.

Hepatic microsomal cytochrome p450s and chlorinated hydrocarbons in largha and ribbon seals from Hokkaido, Japan: differential response of seal species to Ah receptor agonist exposure.

Identification of 2,3,7,8-tetrachlorodibenzo-p-dioxin-responsive genes in mouse liver by serial analysis of gene expression.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the antioxidant system in mitochondrial and microsomal fractions of rat testis.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on oxidative enzymes in adipocytes and liver.

Immunohistochemical localization of thyroid stimulating hormone induced by a low oral dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats.

The effects of glutathione and vitamin E on iron toxicity in isolated rat hepatocytes.

Derivation, characterization, and phenotypic variation of hepatic progenitor cell lines isolated from adult rats.

Multidrug-resistance mdr1a/1b double knockout mice are more sensitive than wild type mice to acute arsenic toxicity, with higher arsenic accumulation in tissues.

Chemical speciation of arsenic in the livers of higher trophic marine animals.

Induction of olfactory mucosal and liver metabolism of lidocaine by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Neoductular progenitor cells regenerate hepatocytes in severely damaged liver: a comparative ultrastructural study.

Acute sodium arsenite treatment induces Cyp2a5 but not Cyp1a1 in the C57Bl/6 mouse in a tissue (kidney) selective manner.

Acute sodium arsenite administration induces pulmonary CYP1A1 mRNA, protein and activity in the rat.

TCDD-mediated oxidative stress in male rat pups following perinatal exposure.

Tissue concentrations and induction of a hepatic monooxygenase in male Wistar rats after repeated doses of defined polychlorinated dibenzo-p-dioxin and dibenzofuran (PCDDs and PCDFs) mixtures.

Effect of peroxisome proliferators on the methylation and protein level of the c-myc protooncogene in B6C3F1 mice liver.

Cytochrome P4501A induction and testosterone hydroxylation in cultured hepatocytes of four fish species.

Proliferation and differentiation of ductular progenitor cells and littoral cells during the regeneration of the rat liver to CCl₄/2-AAF injury.

Glucocorticoid-induced glucose release is abolished in trout hepatocytes with elevated hsp70 content.

Dioxin increases reactive oxygen production in mouse liver mitochondria.

Subacute toxicity of anilofos, a new organophosphorus herbicide in male rats: effect on lipid peroxidation and ATPase activity.

Subacute toxicity of anilofos, a new organophosphorus herbicide, in male rats: effect on some physical attributes and acetylcholinesterase activity.

Toxicity and effects of 2,6-di-tert-butyl-4-methylphenyl N-methylcarbamate (terbutol) on hepatic cytochrome P450 in F344 rats.

Glutathione-dependent resistance of the European eel *Anguilla anguilla* to the herbicide molinate.

Effects of chloro-s-triazine herbicides and metabolites on aromatase activity in various human cell lines and on vitellogenin production in male carp hepatocytes.

Effect of isoproteruron pretreatment on the biochemical toxicodynamics of anilofos in male rats.

Unique renal tubule changes induced in rats and mice by the peroxisome proliferators 2,4-dichlorophenoxyacetic acid (2,4-D) and WY-14643.

Use of a monoclonal antibody against Lafora bodies for the immunocytochemical study of ground-glass inclusions in hepatocytes due to cyanamide.

Serum dioxin and hepatic abnormalities in veterans of Operation Ranch Hand.

Oxidative stress and liver toxicity in rats and human hepatoma cell line induced by pentachlorophenol and its major metabolite tetrachlorohydroquinone.

Toxico-kinetics, recovery, and metabolism of napropamide in goats following a single high-dose oral administration.

A concise review of the toxicity and carcinogenicity of dimethylarsinic acid.

Carcinogenicity assays of wood dust and wood additives in rats exposed by long-term inhalation.

Studies of early hepatocellular proliferation and peroxisomal proliferation in Wistar rats treated with herbicide diclofop.

Centrilobular endothelial cell injury by diquat in the selenium-deficient rat liver.

Genotoxic effects of methyl isothiocyanate.

Effects of diquat, an aquatic herbicide, on the development of mallard embryos.

Differential sensitivities of plant and animal mitochondria to the herbicide paraquat.

Extensive protein carbonylation precedes acrolein-mediated cell death in mouse hepatocytes.

Caffeine potentiation of allyl alcohol-induced hepatotoxicity. II. In vitro study.

Pentachlorophenol potentiates benzo[a]pyrene DNA adduct formation in adult but not infant B6C3F1 male mice.

Subchronic oral toxicity of a combination of insecticide (HCH) and herbicide (ISP) in male rats.

Effect of tiagabine and topiramate on porphyrin metabolism in an in vivo model of porphyria.

Atrazine potentiation of arsenic trioxide-induced cytotoxicity and gene expression in human liver carcinoma cells (HepG2).

Effects of chlorpropham (CIPC) on the hemopoietic system of rats.

Biological effects of a nano red elemental selenium.

Influence of caffeine on allyl alcohol-induced hepatotoxicity in rats. I. In vivo study.

Post-transcriptional control of catalase expression in garlic-treated rats.

Inhibition of apoptosis by pentachlorophenol in v-myc-transfected rat liver epithelial cells: relation to down-regulation of gap junctional intercellular communication.

Comparative impacts of glutathione peroxidase-1 gene knockout on oxidative stress induced by reactive oxygen and nitrogen species in mouse hepatocytes.

In vivo and in vitro binding of 2,4-dichlorophenoxyacetic acid to a rat liver mitochondrial protein.

Repression of phenobarbital-dependent CYP2B1 mRNA induction by reactive oxygen species in primary rat hepatocyte cultures.

Protection from drug-induced hepatocellular changes by pretreatment with conjugating enzyme inhibitors in rats.

Glutathione depletion in rat hepatocytes: a mixture toxicity study with alpha, beta-unsaturated esters.

Characterization of metabolic activation of pentachlorophenol to quinones and semiquinones in rodent liver.

Acute effect of ethanol on 7-hydroperoxycholesterol in muscle and liver.

The transcriptional and DNA binding activity of peroxisome proliferator-activated receptor alpha is inhibited by ethanol metabolism. A novel mechanism for the development of ethanol-induced fatty liver.

Taurine modulates catalase, aldehyde dehydrogenase, and ethanol elimination rates in rat brain.

Congener-specific profile and toxicity assessment of PCBs in green turtles (*Chelonia mydas*) from the Hawaiian Islands.

In vivo up-regulation of aryl hydrocarbon receptor expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in a dioxin-resistant rat model.

Characterization of dioxin-like activity of sediments from a Czech river basin.

Novel target genes of the Ah (dioxin) receptor: transcriptional induction of N-myristoyltransferase 2.

Biochemical, neuropsychological, and neurological abnormalities following 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure.

Effects on levels of glutathione and some related enzymes in tissues after an acute arsenic exposure in rats and their relationship to dietary protein deficiency.

Induction of cytochrome P450 1A1 gene expression by a vitamin K3 analog in mouse hepatoma Hepa-1c1c7 cells.

Familial intrahepatic cholestasis 1: studies of localization and function.

Association of c-myc overexpression and hyperproliferation with arsenite-induced malignant transformation.

7,12-Dimethylbenz[a]anthracene inhibition of steroid production in MA-10 mouse Leydig tumor cells is not directly linked to induction of CYP1B1.

Inducing effects of dioxin-like polychlorinated biphenyls on CYP1A in the human hepatoblastoma cell line HepG2, the rat hepatoma cell line H4IIE, and rat primary hepatocytes: comparison of relative potencies.

Persistent, low-dose 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure: effect on aryl hydrocarbon receptor expression in a dioxin-resistance model.

Accessibility and activity of the promoter for a dioxin-inducible ecto-ATPase gene.

Green fluorescent protein (GFP) as a marker of aryl hydrocarbon receptor (AhR) function in developing zebrafish (*Danio rerio*).

Biochemical and toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in immature male and female chickens.

Contribution of Mn-cofactored superoxide dismutase (SodA) to the virulence of *Streptococcus agalactiae*.

Use of cDNA microarrays to analyze dioxin-induced changes in human liver gene expression.

Dioxin-inducible transactivation in a chromosomal setting. Analysis of the acidic domain of the Ah receptor.

Use of a toxicokinetic model in the analysis of cancer mortality in relation to the estimated absorbed dose of dioxin (2,3,7,8-tetrachlorodibenzo-p-dioxin, TCDD).

Induction of hepatic 8-oxo-deoxyguanosine adducts by 2,3,7,8-tetrachlorodibenzo-p-dioxin in Sprague-Dawley rats is female-specific and estrogen-dependent.

Melatonin attenuates estradiol-induced oxidative damage to DNA: relevance for cancer prevention.

Hepatic vitamin A depletion is a sensitive marker of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure in four rodent species.

Teratogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice lacking the expression of EGF and/or TGF- α .

The hepatitis B virus HBx protein induces adherens junction disruption in a src-dependent manner.

Interaction of estrogen and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) with hepatic fatty acid synthesis and metabolism of male chickens (*Gallus domesticus*).

Protection of the Cyp1a2(-/-) null mouse against uroporphyrin and hepatic injury following exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Chronic toxicity of dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin to mink.

Subchronic Exposure of [3H]- 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in female B6C3F1 mice: relationship of steady-state levels to disposition and metabolism.

Physiological modeling of a proposed mechanism of enzyme induction by TCDD.

Differential regulation of cytochrome P450 1A1 and 1B1 by a combination of dioxin and pesticides in the breast tumor cell line MCF-7.

Regulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced tumor promotion by 17 beta-estradiol in female Sprague-Dawley rats.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on weight gain and hepatic ethoxyresorufin-o-deethylase (EROD) induction vary with ovarian hormonal status in the immature gonadotropin-primed rat model.

An overview of TCDD half-life in mammals and its correlation to body weight.

Interaction of estrogen and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in immature male chickens (*Gallus domesticus*).

Metabolism of equilenin in MCF-7 and MDA-MB-231 human breast cancer cells.

Correlation of cardiotoxicity mediated by halogenated aromatic hydrocarbons to aryl hydrocarbon receptor activation.

Suppression of CYP1A1 expression by 4-nonylphenol in murine Hepa-1c1c7 cells.

Toxicity of PCB-126 in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P4501A induction in several organ systems.

Comparative biodistribution and metabolism of carbon-11-labeled N-[2-(dimethylamino)ethyl]acridine-4-carboxamide and DNA-intercalating analogues.

Maximal aryl hydrocarbon receptor activity depends on an interaction with the retinoblastoma protein.

Acquired resistance to Ah receptor agonists in a population of Atlantic killifish (*Fundulus heteroclitus*) inhabiting a marine superfund site: in vivo and in vitro studies on the inducibility of xenobiotic metabolizing enzymes.

Androgen receptor antagonism by the organophosphate insecticide fenitrothion.

Aromatic hydrocarbon receptor (AhR). AhR nuclear translocator- and p53-mediated induction of the murine multidrug resistance *mdr1* gene by 3-methylcholanthrene and benzo(a)pyrene in hepatoma cells.

High-performance liquid chromatography/fluorescence detection of S-methylglutathione formed by glutathione-S-transferase T1 in vitro.

Genetic events associated with arsenic-induced malignant transformation: applications of cDNA microarray technology.

Effect of oral administration of excessive iron in adult ponies.

BAPS prize-1999: Lung growth induced by prenatal tracheal occlusion and its modifying factors: a study in the rat model of congenital diaphragmatic hernia.

Thyroid hormones, acute iron overload and the pathogenesis of cloudy swelling.

Organochlorine contaminants and biomarker response in double-crested cormorants nesting in Green Bay and Lake Michigan, Wisconsin, USA.

Benzo[a]pyrene-induced toxicity: paradoxical protection in *Cyp1a1*(-/-) knockout mice having increased hepatic BaP-DNA adduct levels.

Dioxins in bile in relation to those in the human liver and blood.

Enhanced systemic tissue distribution after dermal versus intravenous 3,3',4,4'-tetrachlorobiphenyl exposure: limited utility of radiolabel blood area under the curve and excretion data in dermal absorption calculations and tissue exposure assessment.

Histopathological alterations and induction of cytochrome P-450 1A in the liver and gills of the gilthead seabream (*Sparus aurata*) exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Differential effects of two lots of aroclor 1254 on enzyme induction, thyroid hormones, and oxidative stress.

A study of the effects of indometacin on liver mitochondria from rats, mice and humans.

Lipid peroxidation end products-responded induction of a preneoplastic marker enzyme glutathione S-transferase P-form (GST-P) in rat liver on administration via the portal vein.

Cytochrome CYP2E1 phenotyping and genotyping in the evaluation of health risks from exposure to polluted environments.

Effect of lactational exposure to 1,2,3,4- tetrachlorodibenzo-p-dioxin on cytochrome P-450 1A1 mRNA in the neonatal rat liver: quantitative analysis by the competitive RT-PCR method.

Inhibition of apoptosis in rat hepatocytes treated with 'non-dioxin-like' polychlorinated biphenyls.

Is hepatic cytochrome P4501A1 expression predictive of hepatic burdens of dioxins, furans, and PCBs in Atlantic tomcod from the Hudson River estuary?

Specific induction of metallothionein synthesis by mitochondrial oxidative stress.

Long-lived polyclonal B-cell lines derived from midgestation mouse embryo lymphohematopoietic progenitors reconstitute adult immunodeficient mice.

Role of substrates in the regulation of mitochondrial function in situ.

Polychlorinated dibenzo-p-dioxins, dibenzofurans, and polychlorinated biphenyls in human tissues, meat, fish, and wildlife samples from India.

Clustering of hepatotoxins based on mechanism of toxicity using gene expression profiles.

Induction of metallothionein in the livers of female Sprague-Dawley rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Bivalent metal ions modulate Cd²⁺ effects on isolated rat liver mitochondria.

Ascorbate and low concentrations of FeSO₄ induce Ca²⁺-dependent pore in rat liver mitochondria.

Fatal poisoning by butachlor and chlornitrofen ingested from a bottle marked as nitrofen.

Involvement of cyclooxygenase-2 in the potentiation of allyl alcohol-induced liver injury by bacterial lipopolysaccharide.

Metabolism of [¹⁴C]1,2,7,8-tetrachlorodibenzo-p-dioxin in a ruminating Holstein calf.

In vitro model using mouse hepatocytes for study of alcohol stress.

Arsenic induces expression of the multidrug resistance-associated protein 2 (MRP2) gene in primary rat and human hepatocytes.

Antimalarial drugs exacerbate rat liver microsomal lipid peroxidation in the presence of oxidants.

Disposition of polychlorinated dibenzo-p-dioxins, dibenzofurans, and non-ortho polychlorinated biphenyls in pregnant long evans rats and the transfer to offspring.

Biliary excretion of temocapril in zone 1- and zone 3-injured rat.

[Effect of perftoran on experimental hepatitis].

Production of superoxide anion, lipid peroxidation and DNA damage in the hepatic and brain tissues of rats after subchronic exposure to mixtures of TCDD and its congeners.

Effects of binary mixtures of six xenobiotics on hormone concentrations and morphometric endpoints of northern bobwhite quail (*Colinus virginianus*).

Induction of CYP1A by benzo[k]fluoranthene in human hepatocytes: CYP1A1 or CYP1A2?

Relative potencies of polychlorinated dibenzo-p-dioxin, dibenzofuran, and biphenyl congeners to induce cytochrome P4501A mRNA in a zebrafish liver cell line.

Inhibition of liver methionine adenosyltransferase gene expression by 3-methylcolanthrene: protective effect of S-adenosylmethionine.

Influence of culture system and medium enrichment on sulfotransferase and sulfatase expression in male rat hepatocyte cultures.

Enhancement of oxidative damage to cultured cells and *Caenorhabditis elegans* by mitochondrial electron transport inhibitors.

The mitochondrial consequences of uncoupling intact cells depend on the nature of the exogenous substrate.

Microarray analysis of hepatotoxins in vitro reveals a correlation between gene expression profiles and mechanisms of toxicity.

Regulation of cytochrome P450 in a primary culture of rainbow trout hepatocytes.

Heterogeneity and plasticity of hepatocyte lineage cells.

Long-term toxic impact of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the reproduction, sexual differentiation, and development of different life stages of *Gobiocypris rarus* and *Daphnia magna*.

Induction of cytochrome P450 1A1 gene expression, oxidative stress, and genotoxicity by carbaryl and thiabendazole in transfected human HepG2 and lymphoblastoid cells.

Acyl-CoA-binding protein in the armadillo Harderian gland: its primary structure and possible role in lipid secretion.

[Inhibitory effects of tea polyphenols and vitamin C on lipid peroxidation induced by FeSO₄- cysteine in isolated human plasma and carbon tetrachloride-induced liver free radical injury in mice].

Mitochondrial adaptation to in vivo polyunsaturated fatty acid deficiency: increase in phosphorylation efficiency.

PCB methyl sulphones in rat liver after exposure to PCB (Clophen A50): analysis and radiosynthesis of selected methylsulphonyl-PCBs.

Effects of cresols (o-, m-, and p-isomers) on the bioenergetic system in isolated rat liver mitochondria.

Associations of blood levels of PCB, HCHS, and HCB with numbers of lymphocyte subpopulations, in vitro lymphocyte response, plasma cytokine levels, and immunoglobulin autoantibodies.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of different cytotoxins on cytochrome P450 mediated monooxygenase functions and on oxidative state.

Induction of 7-ethoxyresorufin-O-deethylase activity by planar chlorinated hydrocarbons and polycyclic aromatic hydrocarbons in cell lines from the rainbow trout pituitary.

Kinetics of monochloroacetic acid in adult male rats after intravenous injection of a subtoxic and a toxic dose.

In situ hybridization and immunohistochemical analysis of cytochrome P450 1B1 expression in human normal tissues.

Cytochrome P450 2E1 metabolically activates propargyl alcohol: propionaldehyde-induced hepatocyte cytotoxicity.

Liver Cancer in Viet Nam: Risk Estimates of Viral Infections and Dioxin Exposure in the South and North Populations.

Beneficial effect of nitric oxide synthase inhibitor on hepatotoxicity induced by allyl alcohol.

Toxic effects of arsenic (III) on some hematopoietic and central nervous system variables in rats and guinea pigs.

Primary culture of chicken hepatocytes as an in vitro model for determining the influence of dioxin.

Carcinogen biomarkers for lung or oral cancer chemoprevention trials.

Metabolism of ochratoxin A: absence of formation of genotoxic derivatives by human and rat enzymes.

Inhalation toxicity studies of the alpha,beta-unsaturated ketones: 2-cyclohexene-1-one.

Health risks posed by use of Di-2-ethylhexyl phthalate (DEHP) in PVC medical devices: a critical review.

Pretreatment of whole blood for use in immunochromatographic assays for hepatitis B virus surface antigen.

Effects of subchronic exposure to complex mixtures of dioxin-like and non-dioxin-like polyhalogenated aromatic compounds on thyroid hormone and vitamin A levels in female Sprague-Dawley rats.

Associations between laboratory parameters and outcome of paraquat poisoning.

Evaluation of the in vitro genetic toxicity of 4-(2, 4-dichlorophenoxy)butyric acid.

Combined effects of 2,4-D and azinphosmethyl on antioxidant enzymes and lipid peroxidation in liver of *Oreochromis niloticus*.

Butachlor, a suspected carcinogen, alters growth and transformation characteristics of mouse liver cells.

Purification and characterization of diquat (1,1'-ethylene-2, 2'-dipyridylum)- metabolizing enzyme from paraquat-resistant rat liver cytosol.

Evaluation of the genotoxic and cytochrome P450 monooxygenase-inhibitory potential of Dicuran on procaryotic and eucaryotic test systems.

Arsenic species that cause release of iron from ferritin and generation of activated oxygen.

72-kDa stress protein (hsp72) induced by administration of dimethylarsinic acid to mice accumulates in alveolar flat cells of lung, a target organ for arsenic carcinogenesis.

Evaluation of dietary and environmental risk factors for hyperthyroidism in cats.

Cancer mortality in four northern wheat-producing states.

Prevention of the down-regulation of gap junctional intercellular communication by green tea in the liver of mice fed pentachlorophenol.

Comparative toxicity of trivalent and pentavalent inorganic and methylated arsenicals in rat and human cells.

Effect of chlorinated hydrocarbons on expression of cytochrome P450 1A1, 1A2 and 1B1 and 2- and 4-hydroxylation of 17beta-estradiol in female Sprague-Dawley rats.

Increase in production of ascorbate radical in tissues of rat treated with paraquat.

In vivo cytokine production and resistance to infection after acute exposure to 3,4-dichloropropionaniline.

Immunodetection of hepatic peroxisomal PMP70 as an indicator of peroxisomal proliferation in the mummichog, *Fundulus heteroclitus*.

Effects of the herbicide Roundup on the ultrastructural pattern of hepatocytes in carp (*Cyprinus carpio*).

Influence of Adriamycin and paraquat on antioxidant enzyme expression in primary rat hepatocytes.

Subchronic toxicity of chlorpropham (CIPC) in ICR mice.

Prolonged cholestasis after acute paraquat poisoning through skin absorption.

Role of glutathione in Thiobencarb resistance in the European eel *Anguilla anguilla*.

No significant paraquat-induced oxidative DNA damage in rats.

Effects of molybdate and pentachlorophenol on the sulfation of acetaminophen.

Cyanamide-induced liver dysfunction after abstinence in alcoholics: a long-term follow-up study on four cases.

Comparison of cyanamide and disulfiram in effects on liver function.

Effects of L-2-oxothiazolidine-4-carboxylate on the cytotoxic activity and toxicity of cyclophosphamide in mice bearing B16F10 melanoma liver metastases.

Sex differences in diquat-induced hepatic necrosis and DNA fragmentation in Fischer 344 rats.

Monomethylarsonous acid (MMA(III)) is more toxic than arsenite in Chang human hepatocytes.

A long-term follow-up of lung function in survivors of paraquat poisoning.

Genetic variation of basal iron status, ferritin and iron regulatory protein in mice: potential for modulation of oxidative stress.

A new diquat derivative appropriate for colourimetric measurements of biological materials in the presence of paraquat.

[Liver steatosis and disorders of mitochondrial oxidative phosphorylation after experimental administration of simazine].

Clofibrate pretreatment in mice confers resistance against hepatic lipid peroxidation.

Paraquat-induced lipid peroxidation and injury in Ehrlich ascites tumor cells.

The antihypertensive hydralazine is an efficient scavenger of acrolein.

Developmental toxicity studies in rats and rabbits with 3,5,6-trichloro-2-pyridinol, the major metabolite of chlorpyrifos.

Hepatic disposition of neurotoxins and pesticides.

Ethanol potentiates hypoxic liver injury: role of hepatocyte Na(+) overload.

Role of reactive oxygen intermediates in the decrease of hepatic cytochrome P450 activity by serum of humans and rabbits with an acute inflammatory reaction.

Preventive effects of dietary cabbage acylated anthocyanins on paraquat-induced oxidative stress in rats.

Ethanol patch test: a simple method for identifying the effectiveness of cyanamide in alcoholics.

Comparative metabolism of chloroacetamide herbicides and selected metabolites in human and rat liver microsomes.

Different cell death mechanisms and gene expression in human cells induced by pentachlorophenol and its major metabolite, tetrachlorohydroquinone.

The role of conjugation in hepatotoxicity of troglitazone in human and porcine hepatocyte cultures.

7-Hydroperoxycholesterol as a marker of oxidative stress in rat kidney induced by paraquat.

Deregulated manganese superoxide dismutase expression and resistance to oxidative injury in p53-deficient cells.

Induction of rat hepatic aryl sulfotransferase (SULT1A1) gene expression by triamcinolone acetonide: impact on minoxidil-mediated hypotension.

Dose-dependent effects on tissue distribution and metabolism of dimethylarsinic acid in the mouse after intravenous administration.

In vitro genotoxicity of terbutryn evaluated by the alkaline single-cell microgel-electrophoresis "comet" assay.

Effects of yukmi, an herbal formula, on the liver of senescence accelerated mice (SAM) exposed to oxidative stress.

Evaluation of the developmental toxicity of thalidomide using frog embryo teratogenesis assay-xenopus (FETAX): biotransformation and detoxification.

The human cytochrome P450 1A1 mRNA is rapidly degraded in HepG2 cells.

Liver tumor-promoting activity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in TCDD-sensitive and TCDD-resistant rat strains.

Contribution of planar (0-1 ortho) and nonplanar (2-4 ortho) fractions of Aroclor 1260 to the induction of altered hepatic foci in female Sprague-Dawley rats.

The mercapturic acid biotransformation pathway of hexachlorobenzene is not involved in the induction of splenomegaly, or skin and lung lesions in the Brown Norway rat.

NRH:quinone oxidoreductase2 (NQO2).

Failure of Ah receptor to mediate induction of cytochromes P450 in the CYP1 family in the human hepatoma line SK-Hep-1.

3',4'-dimethoxyflavone as an aryl hydrocarbon receptor antagonist in human breast cancer cells.

2,3,7,8-tetrachlorodibenzo-p-dioxin increases serum and kidney retinoic acid levels and kidney retinol esterification in the rat.

2,2',4,6,6'-pentachlorobiphenyl induces apoptosis in human monocytic cells.

Down-regulation of murine Cyp1a-1 in mouse hepatoma Hepa-1c1c7 cells by bisphenol A.

[Membrane disorder and free radical].

[Diagnosis of acute poisoning].

Estimation of dioxin and furan elimination rates with a pharmacokinetic model.

Protective effects of herbimycin A on hepatic reperfusion injury.

Arsenic methylation capacity and skin cancer.

Iron deficiency due to excessive therapeutic phlebotomy in hemochromatosis.

Comparative studies on the effects of green tea extracts and individual tea catechins on human CYP1A gene expression.

Effect of *Withania somnifera* glycowithanolides on iron-induced hepatotoxicity in rats.

The application of reporter gene assays for the determination of the toxic potency of diffuse air pollution.

The transcriptional signature of dioxin in human hepatoma HepG2 cells.

Central versus peripheral mediation of naloxone's perfusion effects in endotoxic rats.

Dose-response relationships for induction of CYP1A1 and CYP1A2 enzyme activity in liver, lung, and skin in female mice following subchronic exposure to polychlorinated biphenyls.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on initiation and promotion of GST-P-positive foci in rat liver: A quantitative analysis of experimental data using a stochastic model.

Disruption of dioxin-inducible phase I and phase II gene expression patterns by cadmium, chromium, and arsenic.

Characterisation of multidrug-resistant Ehrlich ascites tumour cells selected in vivo for resistance to etoposide.

Molecular cloning and expression of Cu/Zn-containing superoxide dismutase from *Fasciola hepatica*.

Mobilization of vitamin A stores in rats after administration of 2,3, 7,8-tetrachlorodibenzo-p-dioxin: a kinetic analysis.

Effect of CGS 26303, an endothelin-converting enzyme-neutral endopeptidase inhibitor, on nitrofen-induced congenital diaphragmatic hernia in the rat.

Diflubenzuron, a benzoyl-urea insecticide, is a potent inhibitor of TCDD-induced CYP1A1 expression in HepG2 cells.

Analysis of difference in vivo effects of TCDD between c-src $+/+$ mice, c-src deficient, $-/+$ and $-/-$ B6, 129-Src(tm 1 sor) mice and their wild-type littermates.

Dioxins: WHO's tolerable daily intake (TDI) revisited.

Density-dependent growth of normal and nodular hepatocytes.

Human health effects after exposure to 2,3,7,8-TCDD.

Animal studies addressing the carcinogenicity of TCDD (or related compounds) with an emphasis on tumour promotion.

Non-carcinogenic effects of TCDD in animals.

Toxicity of chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in diethylnitrosamine-initiated ovariectomized rats implanted with subcutaneous 17 beta-estradiol pellets.

Hepatocarcinogenesis in female Sprague-Dawley rats following discontinuous treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Ah receptor ligands and tumor promotion: survival of neoplastic cells.

Comparison of oxidative stress response parameters in newborn mouse liver versus simian virus 40 (SV40)-transformed hepatocyte cell lines.

CDC investigations of noninfectious outbreaks of adverse events in hemodialysis facilities, 1979-1999.

Development and modification of a recombinant cell bioassay to directly detect halogenated and polycyclic aromatic hydrocarbons in serum.

Chronic ethanol ingestion increases efficiency of oxidative phosphorylation in rat liver mitochondria.

Effects of histone deacetylase inhibitors on the Ah receptor gene promoter.

Organophosphates and their impact on the global environment.

Toxic action/toxicity.

Differential expression of phosphatidylethanol-amine-binding protein in rat hepatoma cell lines: analyses of tumor necrosis factor- α -resistant cKDH-8/11 and -sensitive KDH-8/YK cells by two-dimensional gel electrophoresis.

Effects of TCDD on thyroid hormone homeostasis in the rat.

Serum alters the uptake and relative potencies of halogenated aromatic hydrocarbons in cell culture bioassays.

Responses of transgenic mouse lines p53(+/-) and Tg.AC to agents tested in conventional carcinogenicity bioassays.

Geographic variation in hematological variables in adult and pre fledgling herring gulls (*Larus argentatus*) and possible associations with organochlorine exposure.

Pharmacokinetics of orally administered camptothecins.

The contributions of various chloroquine salts to the biliary and urinary excretion of hepatic paracetamol conjugation metabolites in the rat.

N-methoxyindole-3-carbinol is a more efficient inducer of cytochrome P-450 1A1 in cultured cells than indol-3-carbinol.

Sodium arsenite induces the stress response in the gut and decreases bacterial translocation in a burned mouse model with gut-derived sepsis.

Effect of the adrenal 11- β -hydroxylase inhibitor metyrapone on human hepatic cytochrome P-450 expression: induction of cytochrome P-450 3A4.

Cytochrome P4501A induction and porphyrin accumulation in PLHC-1 fish cells exposed to sediment and oil shale extracts.

Insulin increased cAMP phosphodiesterase activity antagonizing metabolic actions of glucagon in rat hepatocytes cultured with herbimycin A.

Metabolism of N-isopropylacetanilide in rat.

Regulation of prostaglandin endoperoxide H synthase-2 induction by dioxin in rat hepatocytes: possible c-Src-mediated pathway.

Subcellular localization of the aryl hydrocarbon receptor is modulated by the immunophilin homolog hepatitis B virus X-associated protein 2.

Monomethylarsonic acid reductase and monomethylarsonous acid in hamster tissue.

Effect of arsenite on the induction of CYP1A4 and CYP1A5 in cultured chick embryo hepatocytes.

CYP2A5/CYP2A6 expression in mouse and human hepatocytes treated with various in vivo inducers.

Chronic toxicity of arsenic in goats: clinicobiochemical changes, pathomorphology and tissue residues.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of different cytotoxins on cytochrome P450 isoforms expression and on glycogen content.

Endotoxin (lipopolysaccharide)-induced nitric oxide production in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated Fischer rats: detection of nitrosyl hemoproteins by EPR spectroscopy.

Effect of a dioxin-like PCB (CB 126) on the biotransformation and genotoxicity of benzo.

Toxicity of TCDD in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P450 1A induction in several organ systems.

Pathologic alterations in adult rainbow trout, *Oncorhynchus mykiss*, exposed to dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Isolation of MFO inducers from tissues of white suckers caged in bleached kraft mill effluent.

Portosystemic shunting and persistent fetal vascular structures in aryl hydrocarbon receptor-deficient mice.

Arsenic metabolism in seaweed-eating sheep from Northern Scotland.

Experimental model of hepatic fibrosis following repeated periportal necrosis induced by allyl alcohol.

Fc receptor mediated endocytosis of small soluble immunoglobulin G immune complexes in Kupffer and endothelial cells from rat liver.

Genotoxicity of urban air pollutants in the Czech Republic. Part II. DNA adduct formation in mammalian cells by extractable organic matter.

Interleukin-6 negatively regulates the expression of pregnane X receptor and constitutively activated receptor in primary human hepatocytes.

Evidence for a trigger function of valproic acid in xenobiotic-induced hepatotoxicity.

Cytosolic $[Ca^{2+}]$ modulates basal GLUT1 activity and plays a permissive role in its activation by metabolic stress and insulin in rat epithelial cells.

Aminomethylphosphonate and 2-aminoethylphosphonate as (^{31}P) -NMR pH markers for extracellular and cytosolic spaces in the isolated perfused rat liver.

Suppression of carbonic anhydrase III in rat liver by a dioxin-related toxic compound, coplanar polychlorinated biphenyl, 3, 3',4,4',5-pentachlorobiphenyl.

On the cardiac contractile, electrophysiological and biochemical effects of endothall, a protein phosphatase inhibitor.

Pentoxifylline attenuates bacterial lipopolysaccharide-induced enhancement of allyl alcohol hepatotoxicity.

Biliary and urinary excretion of inorganic arsenic: monomethylarsonous acid as a major biliary metabolite in rats.

Relative potency values derived from hepatic vitamin A reduction in male and female Sprague-Dawley rats following subchronic dietary exposure to individual polychlorinated dibenzo-p-dioxin and dibenzofuran congeners and a mixture thereof.

Comparative induction of CYP1A1 expression by pyridine and its metabolites.

Differential response of cellular antioxidant mechanism of liver and kidney to arsenic exposure and its relation to dietary protein deficiency.

Vanillin as an antioxidant in rat liver mitochondria: inhibition of protein oxidation and lipid peroxidation induced by photosensitization.

Upstream regulatory elements in chick heme oxygenase-1 promoter: a study in primary cultures of chick embryo liver cells.

Enzyme cytochemical localization of sarcosine oxidase activity in the liver and kidney of several mammals.

Pathological changes of hepatic artery and portal vein, after allyl-alcohol and carbon tetrachloride administration. An experimental study.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters melatonin metabolism in fish hepatocytes.

Cloning and functional characterization of the bile acid-sensitive methotrexate carrier from rat liver cells.

Green tea polyphenols and tannic acid act as potent inhibitors of phorbol ester-induced nitric oxide generation in rat hepatocytes independent of their antioxidant properties.

Peroxisomes: biochemistry, molecular biology and genetic diseases- a video programme for teaching students.

Effect of transforming growth factor-beta1 on cytochrome P450 expression: inhibition of CYP1 mRNA and protein expression in primary rat hepatocytes.

Identification of theta-class glutathione S-transferase in liver cytosol of the marmoset monkey.

Metabolic inactivation of five glycidyl ethers in lung and liver of humans, rats and mice in vitro.

Toxic assessment of PCBs by the 2,3,7,8-tetrachlorodibenzo-p-dioxin equivalent in common cormorant (*Phalacrocorax carbo*) from Japan.

A novel 4 S [3H]beta-naphthoflavone-binding protein in liver cytosol of female Sprague-Dawley rats treated with aryl hydrocarbon receptor agonists.

Effect of gestational and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on the level and catalytic activities of hepatic microsomal CYP1A in prepubertal and adult rats.

The relative abilities of TCDD and its congeners to induce oxidative stress in the hepatic and brain tissues of rats after subchronic exposure.

Time course of arsenite-induced copper accumulation in rat kidney.

Toxicokinetics.

Effect of bioactive tannoid principles of *Embllica officinalis* on iron-induced hepatic toxicity in rats.

Studies on the mechanisms of arsenic-induced self tolerance developed in liver epithelial cells through continuous low-level arsenite exposure.

Oxidative stress in female B6C3F1 mice following acute and subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

TCDD induces CYP1A4 and CYP1A5 in chick liver and kidney and only CYP1A4, an enzyme lacking arachidonic acid epoxygenase activity, in myocardium and vascular endothelium.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-induced changes in activities of nuclear protein kinases and phosphatases affecting DNA binding activity of c-Myc and AP-1 in the livers of guinea pigs.

Role of p53 tumor suppressor gene in the toxicity of TCDD, endrin, naphthalene, and chromium (VI) in liver and brain tissues of mice.

Toxicology of environmental chemicals in the flounder (*Platichthys flesus*) with emphasis on the immune system: field, semi-field (mesocosm) and laboratory studies.

NTP Toxicology and Carcinogenesis Studies of Pyridine (CAS No. 110-86-1) in F344/N Rats, Wistar Rats, and B6C3F1 Mice (Drinking Water Studies).

[Degradation of 4,9-dichlorodibenzodioxin in rat liver microsomes].

Sensitivity analysis of a physiological model for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): assessing the impact of specific model parameters on sequestration in liver and fat in the rat.

1,2-Dichlorobenzene-mediated hepatocellular oxidative stress in Fischer-344 and Sprague-Dawley rats.

Thiobencarb-induced embryotoxicity in medaka (*Oryzias latipes*): stage-specific toxicity and the protective role of chorion.

Identification and characterization of a novel hepatic canalicular ATP diphosphohydrolase.

Probing subunit interactions in alpha class rat liver glutathione S-transferase with the photoaffinity label glutathionyl S-[4-(succinimidyl)benzophenone].

Sodium monochloroacetate causes cytotoxic effects, an increased lactate and pyruvate level and induces ultra structural and cytoskeletal alterations in cultured kidney and liver epithelial cells.

2,3,7,8 Tetrachlorodibenzo-p-dioxin induction of cytochrome P4501A in cultured rat and human hepatocytes.

Biliary excretion of bile acids and organic anions in zone 1- and zone 3-injured rats.

Acute administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in pregnant Long Evans rats: association of measured tissue concentrations with developmental effects.

Glutathione depletion in a liver microsomal assay as an in vitro biomarker for reactive metabolite formation.

Effect of arsenic trioxide on metallothionein and its conversion to different arsenic metabolites in hen liver.

Yang-Gan-Wan protects mice against experimental liver damage.

[Fe²⁺-induced oxidative processes in the liver mitochondria of rats].

Nongenotoxic (epigenetic) carcinogens: pesticides as an example. A critical review.

Uncoupling effect of anacardic acids from cashew nut shell oil on oxidative phosphorylation of rat liver mitochondria.

Enzymatic reduction of arsenic compounds in mammalian systems: reduction of arsenate to arsenite by human liver arsenate reductase.

Competitive behavior in the interactive toxicology of halogenated aromatic compounds.

Estrogen enhances induction of cytochrome P-4501A1 by 2,3,7, 8-tetrachlorodibenzo-p-dioxin in liver of female Long-Evans rats.

trans-Activation of PPARalpha and PPARgamma by structurally diverse environmental chemicals.

Protective role of germanium-132 against paraquat-induced oxidative stress in the livers of senescence-accelerated mice.

Cellular glutathione peroxidase protects mice against lethal oxidative stress induced by various doses of diquat.

High levels of dietary vitamin E do not replace cellular glutathione peroxidase in protecting mice from acute oxidative stress.

Effect of chloridazone on the animal organism.

Persistent health effects of dioxin contamination in herbicide production.

Effect of cyanamide on toxicity and glutathione depletion in rat hepatocyte cultures: differences between two dichloropropanol isomers.

Effects of a herbicide formulation, Tordon 75D, and its individual components on the oxidative functions of mitochondria.

Fatal paraquat poisoning: report of two cases.

Acute basagran poisoning mimicking neuroleptic malignant syndrome.

Selenium-dependent cellular glutathione peroxidase protects mice against a pro-oxidant-induced oxidation of NADPH, NADH, lipids, and protein.

Ames assays and unscheduled DNA synthesis assays on 2, 4-dichlorophenoxyacetic acid and its derivatives.

Degeneration and gliosis in rat retina and central nervous system following 3,3'-iminodipropionitrile exposure.

An evaluation of the carcinogenic potential of the herbicide alachlor to man.

Dimethylarsinic acid effects on DNA damage and oxidative stress related biochemical parameters in B6C3F1 mice.

Hepato-toxic effect of diuron in albino rats.

Induced mono-(ADP)-ribosylation of rat liver cytosolic proteins by lipid peroxidant agents.

Protective effects of dietary nasunin on paraquat-induced oxidative stress in rats.

Liver preneoplastic changes in mice treated with the herbicide fomesafen.

Acrolein-induced toxicity--defective mitochondrial function as a possible mechanism.

Toxicology and carcinogenesis studies of pentachlorophenol in rats.

Maternal and developmental toxicity of halogenated 4'-nitrodiphenyl ethers in mice.

Urinary excretion of biomarkers for radical-induced damage in rats treated with NDMA or diquat and the effects of calcium carbimide co-administration.

Content of 8-oxodG in chromosomal DNA of *Sparus aurata* fish as biomarker of oxidative stress and environmental pollution.

Studies on paraquat-induced oxidative stress in rat liver.

Glutathione-dependent cytotoxicity of the chloroacetanilide herbicides alachlor, metolachlor, and propachlor in rat and human hepatoma-derived cultured cells.

The functional and structural observations of the neonatal reproductive system of alligators exposed in ovo to atrazine, 2,4-D, or estradiol.

Acute poisoning with a herbicide containing imazapyr (Arsenal): a report of six cases.

Cytotoxic and porphyrinogenic effects of diphenyl ethers in cultured rat hepatocytes: chlornitrofen (CNP), CNP-amino, chlomethoxyfen and bifenoX.

Dose-specific production of chlorinated quinone and semiquinone adducts in rodent livers following administration of pentachlorophenol.

Cytotoxicity of lindane and paraquat to human hepatoma cell lines.

Promoting activity of the herbicide dicamba (2-methoxy-3, 6-dichlorobenzoic acid) in two stage hepatocarcinogenesis.

Serological and biochemical follow-up in cattle naturally infected with *Fasciola hepatica*, and comparison with a climate model for predicting risks of fasciolosis.

In vitro and in vivo comparison between the effects of treatment with adenosine triphosphate and treatment with buthionine sulfoximine on chemosensitization and tumour growth of B16 melanoma.

Pentachlorophenol (PCP) produces liver oxidative stress and promotes but does not initiate hepatocarcinogenesis in B6C3F1 mice.

Enhanced potential for oxidative stress in hyperinsulinemic rats: imbalance between hepatic peroxisomal hydrogen peroxide production and decomposition due to hyperinsulinemia.

Oxidative stress as a mechanism of chronic cadmium-induced hepatotoxicity and renal toxicity and protection by antioxidants.

Ethanol co-exposure increases lethality of allyl alcohol in male Sprague-Dawley rats.

[Features of the inhibition of catalase activity by 3-amino-1,2,4-triazole in erythrocytes and liver of rats with streptozotocin diabetes].

Alpha, beta-unsaturated aldehydes mediate inducible expression of glutathione S-transferase in hepatoma cells through activation of the antioxidant response element (ARE).

Higher content of insulin-like growth factor-I in dystrophic mdx mouse: potential role in the spontaneous regeneration through an electrophysiological investigation of muscle function.

In vitro metabolism of simazine, atrazine and propazine by hepatic cytochrome P450 enzymes of rat, mouse and guinea pig, and oestrogenic activity of chlorotriazines and their main metabolites.

Attenuation of endogenous oxidative stress-induced cell death by cytochrome P450 inhibitors in primary cultures of rat hepatocytes.

S-methyl N-butylthiocarbamate sulfoxide: selective carbamoylating agent for mouse mitochondrial aldehyde dehydrogenase.

Metabolism of [(1)(4)C]prometryn in rats.

Knockout of cellular glutathione peroxidase gene renders mice susceptible to diquat-induced oxidative stress.

In vitro metabolism of alachlor by human liver microsomes and human cytochrome P450 isoforms.

[Effect of alcohol intoxication and aldehyde dehydrogenase inhibitors on lipid peroxidation in rat liver].

Comparison of human and rat metabolism of molinate in liver microsomes and slices.

Induction of the multispecific organic anion transporter (cMoat/mrp2) gene and biliary glutathione secretion by the herbicide 2,4,5-trichlorophenoxyacetic acid in the mouse liver.

Enzymatic synthesis of 4-amino-3,5-diethylphenyl sulfate, a rodent metabolite of alachlor.

Biotransformation of pentachlorophenol, aniline and biphenyl in isolated rainbow trout (*Oncorhynchus mykiss*) hepatocytes: comparison with in vivo metabolism.

In vitro metabolism of chlorotriazines: characterization of simazine, atrazine, and propazine metabolism using liver microsomes from rats treated with various cytochrome P450 inducers.

Reactive oxygen species participate in mdr1b mRNA and P-glycoprotein overexpression in primary rat hepatocyte cultures.

[Dietary fiber inhibits the incidence of hepatic metastasis with the anti-oxidant activity and portal scavenging functions].

Inhibition of CYP1A1 enzyme activity in mouse hepatoma cell culture by soybean isoflavones.

Effect of prenatal exposure to TCDD on the promotion of endometriotic lesion growth by TCDD in adult female rats and mice.

Arsenic-induced oxidative stress and its reversibility following combined administration of N-acetylcysteine and meso 2,3-dimercaptosuccinic acid in rats.

In vitro methylation of arsenite by rabbit liver cytosol: effect of metal ions, metal chelating agents, methyltransferase inhibitors and uremic toxins.

The significance of excursions above the ADI: duration in relation to pivotal studies.

In vivo cisplatin resistance depending upon canalicular multispecific organic anion transporter (cMOAT).

Quantitative analysis of dose- and time-dependent promotion of four phenotypes of altered hepatic foci by 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats.

Loss of wild-type carrier-mediated L-carnitine transport activity in hepatocytes of juvenile visceral steatosis mice.

Modulation of cytochrome P4501A1 activity by ascorbigen in murine hepatoma cells.

Long term substitution and specific immune responses after transfer of bovine peripheral blood lymphocytes into severe combined immunodeficient mice.

Ferrous sulfate toxicity: a review of autopsy findings.

Mutation of beta-catenin is an early event in chemically induced mouse hepatocellular carcinogenesis.

Effects of CYP1A2 on disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin, 2,3,4,7,8-pentachlorodibenzofuran, and 2,2',4,4',5,5'-hexachlorobiphenyl in CYP1A2 knockout and parental (C57BL/6N and 129/Sv) strains of mice.

Characteristics of L-carnitine transport in cultured human hepatoma HLF cells.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on liver phosphoenolpyruvate carboxykinase (PEPCK) activity, glucose homeostasis and plasma amino acid concentrations in the most TCDD-susceptible and the most TCDD-resistant rat strains.

Altered bcl-2 family expression during non-genotoxic hepatocarcinogenesis in mice.

Multiple roles of ligand in transforming the dioxin receptor to an active basic helix-loop-helix/PAS transcription factor complex with the nuclear protein Arnt.

Regulation of matrix metalloproteinase-2 (MMP-2) by hepatocyte growth factor/scatter factor (HGF/SF) in human glioma cells: HGF/SF enhances MMP-2 expression and activation accompanying up-regulation of membrane type-1 MMP.

Differential toxicities of TCDD in vivo among normal, c-src knockout, geldanamycin- and quercetin-treated mice.

Signal transduction-mediated CYP1A1 induction by omeprazole in human HepG2 cells.

p27(Kip1) induction and inhibition of proliferation by the intracellular Ah receptor in developing thymus and hepatoma cells.

A chimeric aryl hydrocarbon receptor knockout mouse model indicates that aryl hydrocarbon receptor activation in hematopoietic cells contributes to the hepatic lesions induced by 2,3,7, 8-tetrachlorodibenzo-p-dioxin.

Lipoxin A4: a new class of ligand for the Ah receptor.

[Anemia and its treatment with peroral anti-anemia agents in women during the postpartum period].

Toxicity of 3,3',4,4'-tetrachloroazoxybenzene in rats and mice.

Suppressive effects of alpha-Hederin on 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated murine Cyp1a-1 expression in the mouse hepatoma Hepa-1c1c7 cells.

Toxicity of 3,3',4,4'-tetrachloroazobenzene in rats and mice.

Structural and mechanistic aspects of transcriptional induction of cytochrome P450 1A1 by benzimidazole derivatives in rat hepatoma H4IIE cells.

Induction of altered hepatic foci by a mixture of dioxin-like compounds with and without 2,2',4,4',5,5'-hexachlorobiphenyl in female Sprague-Dawley rats.

Flavone antagonists bind competitively with 2,3,7, 8-tetrachlorodibenzo-p-dioxin (TCDD) to the aryl hydrocarbon receptor but inhibit nuclear uptake and transformation.

Cytochrome P450 CYP1B1 determines susceptibility to 7, 12-dimethylbenz[a]anthracene-induced lymphomas.

Development of a stably transfected estrogen receptor-mediated luciferase reporter gene assay in the human T47D breast cancer cell line.

Relationships between environmental organochlorine contaminant residues, plasma corticosterone concentrations, and intermediary metabolic enzyme activities in Great Lakes herring gull embryos.

Plasmodium falciparum and Plasmodium yoelii: effect of the iron chelation prodrug dexrazoxane on in vitro cultures.

Isoform-specific induction of a human aldo-keto reductase by polycyclic aromatic hydrocarbons (PAHs), electrophiles, and oxidative stress: implications for the alternative pathway of PAH activation catalyzed by human dihydrodiol dehydrogenase.

Arsenic speciation in human organs following fatal arsenic trioxide poisoning--a case report.

Aryl hydrocarbon receptor regulation of ceramide-induced apoptosis in murine hepatoma 1c1c7 cells. A function independent of aryl hydrocarbon receptor nuclear translocator.

Tryptanthrins and other tryptophan-derived agonists of the dioxin receptor.

Differential response to benzo[A]pyrene in human lung adenocarcinoma cell lines: the absence of aryl hydrocarbon receptor activation.

Human cytochrome P4501A2.

Effect of arachidonic acid alone or with prooxidant on aldehyde dehydrogenases in hepatoma cells.

Influence of metabolic inhibitors on the intracellular accumulation and retention of adriamycin.

Diluted mainstream cigarette smoke condensates activate estrogen receptor and aryl hydrocarbon receptor-mediated gene transcription.

Trovafloxacin: an overview.

On the role of c-Jun in the induction of PAI-1 gene expression by phorbol ester, serum, and IL-1alpha in HepG2 cells.

Ubiquitinated aldolase B accumulates during starvation-induced lysosomal proteolysis.

Cytotoxicity of cadmium and characteristics of its transport in cardiomyocytes.

Effects of phenylarsine oxide on expression of heme oxygenase-1 reporter constructs in transiently transfected cultures of chick embryo liver cells.

Effects of phenolic antioxidants and flavonoids on DNA synthesis in rat liver, spleen, and testis in vitro.

The anti-estrogenicity of Ah receptor agonists in carp (*Cyprinus carpio*) hepatocytes.

Enzymatic reduction of arsenic compounds in mammalian systems: the rate-limiting enzyme of rabbit liver arsenic biotransformation is MMA(V) reductase.

Metabolism-based polycyclic aromatic acetylene inhibition of CYP1B1 in 10T1/2 cells potentiates aryl hydrocarbon receptor activity.

Analysis of aryl hydrocarbon receptor-mediated signaling during physiological hypoxia reveals lack of competition for the aryl hydrocarbon nuclear translocator transcription factor.

Differential protooncogene expression in Sprague Dawley and Fischer 344 rats during 1,2-dichlorobenzene-induced hepatocellular regeneration.

pH-dependent uptake of irinotecan and its active metabolite, SN-38, by intestinal cells.

NTP Toxicology and Carcinogenesis Studies of Triethanolamine (CAS No. 102-71-6) in F344 Rats and B6C3F1 Mice (Dermal Studies).

Role of glutathione and reactive oxygen intermediates in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immune suppression in C57Bl/6 mice.

Arsenite uptake and metabolism by rat hepatocyte primary cultures in comparison with kidney- and hepatocyte-derived rat cell lines.

Dose-dependent localization of TCDD in isolated centrilobular and periportal hepatocytes.

Effect of sodium arsenite on heme metabolism in cultured chick embryo hepatocytes.

[Significance of urinary concentrations of S-benzyl-N-acetylcysteine (S-BMA) in subjects exposed to toluene].

Energetics of trout hepatocytes during A23187-induced disruption of Ca²⁺ homeostasis.

Different change patterns of the isozymes of cytochrome P450 and glutathione S-transferases in chemically induced liver damage in rat.

Cytological and biochemical alterations in *Carassius auratus* hepatocytes from exposure to sediment containing dioxins and related compounds.

Hepatic Ah receptor binding affinity for 2,3,7,8-tetrachlorodibenzo-p-dioxin: similarity between beagle dog and cynomolgus monkey.

Development of selective aryl hydrocarbon receptor modulators for treatment of breast cancer.

Changes in mRNAs of inducible nitric oxide synthase and interleukin-1 beta in the liver, kidney and lung tissues of rats acutely exposed to paraquat.

Ability of polycyclic aromatic hydrocarbons to induce 7-ethoxyresorufin-o-deethylase activity in a trout liver cell line.

Participation of different cell types in the restitutive response of the rat liver to periportal injury induced by allyl alcohol.

Hexachlorobenzene, a dioxin-type compound, increases malic enzyme gene transcription through a mechanism involving the thyroid hormone response element.

High-performance liquid chromatographic-fluorescent method to determine chloroacetaldehyde, a neurotoxic metabolite of the anticancer drug ifosfamide, in plasma and in liver microsomal incubations.

Role of the ADP/ATP and aspartate/glutamate antiporters in the uncoupling effect of fatty acids, lauryl sulfate, and 2, 4-dinitrophenol in liver mitochondria.

Estrogenic potencies of several environmental pollutants, as determined by vitellogenin induction in a carp hepatocyte assay.

Analyses of tissues of eight marine species from Atlantic and Pacific coasts for dioxin-like chlorobiphenyls (CBs) and total CBs.

Influence of lead acetate and selected metal salts on tryptophan binding to rat hepatic nuclei.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of various mitogens and cytotoxins on cytochrome P450 (P450) isoforms expression and on P450 mediated monooxygenase functions.

Metabolism of arsenic in primary cultures of human and rat hepatocytes.

Enzymatic methylation of arsenic compounds. VII. Monomethylarsonous acid (MMAIII) is the substrate for MMA methyltransferase of rabbit liver and human hepatocytes.

The existence of the 4S polycyclic aromatic hydrocarbon-protein binding in 14-day-old chick embryo liver.

Targeted delivery of oligodeoxynucleotides to parenchymal liver cells in vivo.

Effects of pentachlorophenol and hydroxylated polychlorinated biphenyls on thyroid hormone conjugation in a rat and a human hepatoma cell line.

In vitro vitellogenin production by carp (*Cyprinus carpio*) hepatocytes as a screening method for determining (anti)estrogenic activity of xenobiotics.

Effect of arsenite on induction of CYP1A, CYP2B, and CYP3A in primary cultures of rat hepatocytes.

Cytosol-to-lysosome transport of free polymannose-type oligosaccharides. Kinetic and specificity studies using rat liver lysosomes.

Dietary intrinsic phytate protects colon from lipid peroxidation in pigs with a moderately high dietary iron intake.

Molecular cloning of retinal oxidase/aldehyde oxidase cDNAs from rabbit and mouse livers and functional expression of recombinant mouse retinal oxidase cDNA in *Escherichia coli*.

Influence of different types of effectors on the kinetic parameters of suicide inactivation of catalase by hydrogen peroxide.

NTP Toxicology and Carcinogenesis Studies of Pentachlorophenol (CAS NO. 87-86-5) in F344/N Rats (Feed Studies).

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-mediated membrane translocation of c-Src protein kinase in liver WB-F344 cells.

[Effects of hepatoprotective agents containing phospholipids on cytochrome P-450-dependent antitoxic liver function during experimental toxic hepatitis].

Toxicant-inflicted injury and stimulated tissue repair are opposing toxicodynamic forces in predictive toxicology.

Levels of dioxin-like compounds in sewage sludge determined with a bioassay based on EROD induction in chicken embryo liver cultures.

Interferon-gamma alone triggers the production of nitric oxide from serum-starved BNL CL.2, murine embryonic liver cells.

Decreases in cAMP phosphodiesterase activity in hepatocytes cultured with herbimycin A due to cellular microtubule polymerization related to inhibition of tyrosine phosphorylation of alpha-tubulin.

Time- and concentration-dependent induction of CYP1A1 and CYP1A2 in precision-cut rat liver slices incubated in dynamic organ culture in the presence of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin or 2,2',4,4',5,5'-hexachlorobiphenyl on vitamin K-dependent blood coagulation in male and female WAG/Rij-rats.

Reversal of sodium arsenite inhibition of rat liver microsomal Ca²⁺ pumping ATPase by vitamin C.

Determination of 4-hydroxy-2-nonenal in primary rat hepatocyte cultures by liquid chromatography with laser induced fluorescence detection.

Species differences in hepatocyte induction of CYP1A1 and CYP1A2 by omeprazole.

Characterization of the dose-response of CYP1B1, CYP1A1, and CYP1A2 in the liver of female Sprague-Dawley rats following chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Cytochrome 1A1 induction by primaquine in human hepatocytes and HepG2 cells: absence of binding to the aryl hydrocarbon receptor.

Potency of various polycyclic aromatic hydrocarbons as inducers of CYP1A1 in rat hepatocyte cultures.

A Preliminary Comparison of LiverBeads[®] with a Conventional Rat Hepatocyte Culture Preparation: Some Aspects of Xenobiotic Metabolism and Related Toxicity.

Induction of cytochrome P450 1A and DNA damage in isolated rainbow trout (*Oncorhynchus mykiss*) hepatocytes by 2,3,7,8 tetrachlorodibenzo-p-dioxin.

Effect of inhibitors on the biotransformation of tamoxifen by female rat and mouse liver slices and homogenates.

Metabolism of polychlorinated dibenzo-p-dioxins by rat liver microsomes.

Experimental studies on the stem cell concept of liver regeneration. II.

The mutagenicity of benzo[a]pyrene in mouse small intestine.

Metabolic disposition of a monoterpene ketone, piperitenone, in rats: evidence for the formation of a known toxin, p-cresol.

Primary hepatic angiosarcoma: report of a case involving environmental arsenic exposure.

Chronic dietary toxicity study on 2,4-dichlorophenoxybutyric acid in the dog.

Mechanism of biochemical action of substituted 4-methylbenzopyran-2-ones. Part 3: A novel mechanism for the inhibition of biological membrane lipid peroxidation by dioxygenated 4-methylcoumarins mediated by the formation of a stable ADP-Fe-inhibitor mixed ligand complex.

Postservice mortality of US Air Force veterans occupationally exposed to herbicides in Vietnam: 15-year follow-up.

Mutagenic interactions of model chemical mixtures.

From toxicological problem to therapeutic use: the discovery of the mode of action of 2-(2-nitro-4-trifluoromethylbenzoyl)-1,3-cyclohexanedione (NTBC), its toxicology and development as a drug.

Lack of mammalian mutagenicity of the potent bacterial mutagen tris(2,3-dibromopropyl) phosphate and its metabolite 2-bromoacrolein.

Cellular glutathione peroxidase is the mediator of body selenium to protect against paraquat lethality in transgenic mice.

Metabolism and cytotoxicity of chlorpropham (CIPC) and its essential metabolites in isolated rat hepatocytes during a partial inhibition of sulphation and glucuronidation reactions: a comparative study.

Involvement of oxidative stress in paraquat-induced metallothionein synthesis under glutathione depletion.

[Lethal paraquat poisoning caused by spraying in a vinyl greenhouse of causing pulmonary fibrosis with a hepatorenal dysfunction].

[Morphologic findings in liver tissue in mice after long-term administration of the herbicide fomesafan].

Testicular toxicity of molinate in the rat: metabolic activation via sulfoxidation.

Acute 2,4-dichlorophenoxyacetic acid intoxication in broiler chicks.

Inorganic and methylated arsenic compounds induce cell death in murine macrophages via different mechanisms.

Mitochondrial NADH-quinone oxidoreductase of the outer membrane is responsible for paraquat cytotoxicity in rat livers.

Morphological changes in mitochondria and lysosomes of hepatocytes in acute intoxication with 2,4-dichlorophenoxyacetic acid (2,4-D).

[Inhibitory effect of green tea infusion of hepatotoxicity].

Ultrastructural changes in rat hepatocytes in acute intoxication with 2,4-dichlorophenoxyacetic acid (2,4-D).

Fetotoxic effect of 2,4-dichlorophenoxyacetic acid (2,4-D) in rats.

In vivo studies on genotoxicity of a soil fumigant, dazomet.

[Use of interferon in hepatic necrosis produced by paraquat and yellow phosphorus: experimental evaluation].

Accentuation of paraquat-induced toxicity by L-carnitine in mice.

Cytotoxicity of paraquat in freshly isolated rat hepatocytes: effects of L-carnitine.

Cytoplasmic liver cell inclusions--a typical feature of porphyria cutanea tarda--are absent in porphyria-related hepatic neoplasias.

Antioxidant and detoxifying enzymes in the liver and kidney of pheasants after intoxication by herbicides MCPA and ANITEN I.

'Golf ball liver': a cause of chronic hepatitis?

Extraperoxisomal targets of peroxisome proliferators: mitochondrial, microsomal, and cytosolic effects. Implications for health and disease.

32P-postlabeling detection of DNA adducts in mice treated with the herbicide Roundup.

Alpha,beta-unsaturated aldehydes increase glutathione S-transferase mRNA and protein: correlation with activation of the antioxidant response element.

Acute and chronic ethanol increases reactive oxygen species generation and decreases viability in fresh, isolated rat hepatocytes.

Chloracne and morbidity after dioxin exposure (preliminary results).

Feeding fish oil to rats accelerates the metabolism of hexachlorobenzene.

Effect of pentachlorophenol on immune function.

S-oxygenation of thiourea results in the formation of genotoxic products.

In vitro biotransformation of atrazine by rat liver microsomal cytochrome P450 enzymes.

Transport of paraquat by isolated renal proximal tubular segments from rabbits.

[Peroxisomes and peroxisome proliferators. Specific environmental poisons and therapeutic agents affecting lipid metabolism and hormone release].

Inhibitory effect of pentachlorophenol on gap junctional intercellular communication in rat liver epithelial cells in vitro.

Differential xenobiotic induction of CYP2A5 in mouse liver, kidney, lung, and olfactory mucosa.

Changes in rat liver cytochrome P450 enzymes by atrazine and simazine treatment.

Immunoenzymatic determination of atrazine in rat tissue samples.

Dialkylquinonimines validated as in vivo metabolites of alachlor, acetochlor, and metolachlor herbicides in rats.

Activation of hepatic NF-kappaB by the herbicide Dicamba (2-methoxy-3,6-dichlorobenzoic acid) in female and male rats.

Ethanol-induced changes of intracellular thiol compartmentation and protein redox status in the rat liver: effect of tauroursodeoxycholate.

Inhibitor and temperature effect on catalase in the liver of adult diploid and haploid *Rana rugosa*.

Resveratrol inhibits transcription of CYP1A1 in vitro by preventing activation of the aryl hydrocarbon receptor.

Experimental study of oxidative DNA damage.

Expression of mucin-associated sulfo-Lea carbohydrate epitopes on human colon carcinoma cells.

Mechanistic modeling of rodent liver tumor promotion at low levels of exposure: an example related to dose-response relationships for 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Body weight loss and changes in tryptophan homeostasis by chlorinated dibenzo-p-dioxin congeners in the most TCDD-susceptible and the most TCDD-resistant rat strain.

Determination of the enzymes responsible for activation of the heterocyclic amine 2-amino-3-methylimidazo[4,5-f]quinoline in the human breast.

Interactive toxicity and stress protein expression by vinylidene chloride and monochloroacetate in precision-cut rat liver slices.

Environmental complex mixture toxicity assessment.

Concentrated cresol intoxication.

Suppressive effects of estradiol on 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated transcriptional activation of murine Cyp1a-1 in mouse hepatoma Hepa 1c1c7 cells.

Hepatocyte extracellular matrix modulates expression of growth factors and growth factor receptors in human colon cancer cells.

Mechanism of action of the nongenotoxic peroxisome proliferators: role of the peroxisome proliferator-activator receptor alpha.

Phosphine-induced oxidative stress in Hepa 1c1c7 cells.

Influence of aromatic hydrocarbon receptor-mediated events on the genotoxicity of cigarette smoke condensate.

Herbimycin-A attenuates ischaemia-reperfusion induced pulmonary neutrophil infiltration.

Marked increases of aminotransferase levels after cresol ingestion.

Induction of cytochrome P-450 1A1 by omeprazole in human HepG2 cells is protein tyrosine kinase-dependent and is not inhibited by alpha-naphthoflavone.

Zoxazolamine-induced paralysis in two rat substrains: differences in hepatic drug metabolism.

Carbaryl, a carbamate insecticide, is a ligand for the hepatic Ah (dioxin) receptor.

Regulated Co-translational ubiquitination of apolipoprotein B100. A new paradigm for proteasomal degradation of a secretory protein.

Regulation of cytochrome P450 enzymes by aryl hydrocarbon receptor in human cells: CYP1A2 expression in the LS180 colon carcinoma cell line after treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin or 3-methylcholanthrene.

Interactive effects of three structurally different polychlorinated biphenyls in a rat liver tumor promotion bioassay.

Stimulation of the stress-induced expression of stress proteins by curcumin in cultured cells and in rat tissues in vivo.

Establishment of a simple cleanup procedure and bioassay for determining 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalents of environmental samples.

Activation of the Ah receptor by tryptophan and tryptophan metabolites.

Heat shock protein expression protects against death following exposure to heatstroke in rats.

Mode of carcinogenic action of pesticides inducing thyroid follicular cell tumors in rodents.

Oxidative damage induced by the fullerene C60 on photosensitization in rat liver microsomes.

Hemochromatosis presenting as acute liver failure after iron supplementation.

Manganese uptake and release by cultured human hepato-carcinoma (Hep-G2) cells.

Use of model-based compartmental analysis to study effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on vitamin A kinetics in rats.

Subchronic/chronic toxicity of a mixture of four chlorinated dibenzo-p-dioxins in rats. I. Design, general observations, hematology, and liver concentrations.

A novel response to dioxin. Induction of ecto-ATPase gene expression.

Effect of dichloroacetic acid and trichloroacetic acid on DNA methylation in liver and tumors of female B6C3F1 mice.

Reproductive toxicity and tissue concentrations of low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin in male offspring rats exposed throughout pregnancy and lactation.

Small dense low density lipoprotein has increased affinity for LDL receptor-independent cell surface binding sites: a potential mechanism for increased atherogenicity.

A novel dosage approach for evaluation of SMANCS [poly-(styrene-co-maleyl-half-n-butylate) - neocarcinostatin] in the treatment of primary hepatocellular carcinoma.

Stressor-specific enhancement of hsp induction by low doses of stressors in conditions of self- and cross-sensitization.

[Effect of GABA and piracetam on ATPase activity in brain and liver mitochondria in experimental hypokinesia].

Elimination kinetics and toxicity of 2,3,7,8-tetrachlorothianthrene, a thio analogue of 2,3,7,8-TCDD.

Mechanism of sodium arsenite-mediated induction of heme oxygenase-1 in hepatoma cells. Role of mitogen-activated protein kinases.

Interference between progesterone and dioxin signal transduction pathways. Different mechanisms are involved in repression by the progesterone receptor A and B isoforms.

The Seveso studies on early and long-term effects of dioxin exposure: a review.

Protein kinase C activity is required for aryl hydrocarbon receptor pathway-mediated signal transduction.

Aryl hydrocarbon receptor-dependent suppression by 2,3,7,8-tetrachlorodibenzo-p-dioxin of IgM secretion in activated B cells.

A computer-aided 3-D geometry of acute and chronic zonal necrosis: three-D tangent counting applied in an attempt to re-examine the structure of the human liver.

The dose-response model for dioxin.

Cancer chemopreventive and therapeutic activities of red ginseng.

Characterization of the effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in B6C3F1 and DBA/2 mice following single and repeated exposures.

Cross-resistance to methotrexate and metals in human cisplatin-resistant cell lines results from a pleiotropic defect in accumulation of these compounds associated with reduced plasma membrane binding proteins.

[Risk assessment of dioxins and the effect as the endocrine disrupters].

Induction of cellular processes containing collagenase and retinoid by integrin-binding to interstitial collagen in hepatic stellate cell culture.

2,3,7,8-Tetrachlorodibenzo-p-dioxin co-stimulates staphylococcal enterotoxin beta (SEB) cytokine production and phenotypic cell cycling in Long-Evans rats.

Effects of the nonsteroidal anti-inflammatory drug nimesulide on energy metabolism in livers from adjuvant-induced arthritic rats.

Interaction between iron metabolism and 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice with variants of the Ahr gene: a hepatic oxidative mechanism.

Collagens in the liver extracellular matrix bind hepatocyte growth factor.

Association of Shc, Cbl, Grb2, and Sos following treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin in primary rat hepatocytes.

Alternative methods for mechanistic studies in toxicology. Screening of hepatotoxicity of pesticides using freshly isolated and primary cultured hepatocytes and non-liver-derived cells, SIRC cells.

Dioxin causes a sustained oxidative stress response in the mouse.

2,3,7,8-Tetrachlorodibenzo-p-dioxin suppresses apoptosis and leads to hyperphosphorylation of p53 in rat hepatocytes.

1,2-Dichlorobenzene-induced lipid peroxidation in male Fischer 344 rats is Kupffer cell dependent.

Dose-response relationships for disposition and hepatic sequestration of polyhalogenated dibenzo-p-dioxins, dibenzofurans, and biphenyls following subchronic treatment in mice.

Presence of intestinal, liver and heart/adipocyte fatty-acid-binding protein types in the liver of a chimaera fish.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the lymphatic absorption of a single oral dose of [3H]retinol and on the intestinal retinol esterification in the rat.

Photoaffinity labeling of rat liver glutathione S-transferase, 4-4, by glutathionyl S-[4-(succinimidyl)-benzophenone].

Genotoxic bifunctional aldehydes produce specific images in the comet assay.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazoxybenzene (CAS No. 21232-47-3) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazobenzene (CAS No. 14047-09-7) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

EROD induction by environmental contaminants in avian embryo livers.

Effects of the agrochemicals butachlor, pretilachlor and isoprothiolane on rat liver xenobiotic-metabolizing enzymes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induction of cytochrome P450-dependent arachidonic acid metabolism in mouse liver microsomes: evidence for species-specific differences in responses.

Effects of carbaryl and naphthalene on rat hepatic CYP1A1/2: potential binding to Ah receptor and 4S benzo(a)pyrene-binding protein.

Hepatobiliary transport kinetics of HSR-903, a new quinolone antibacterial agent.

Structural and functional comparison of agents interfering with dihydroorotate, succinate and NADH oxidation of rat liver mitochondria.

Down-regulation of cytochrome P450 1A1 gene promoter by oxidative stress. Critical contribution of nuclear factor 1.

Enzymatic methylation of arsenic compounds. VI. Characterization of hamster liver arsenite and methylarsonic acid methyltransferase activities in vitro.

2,3,7,8-Tetrachlorodibenzo-p-dioxin in pregnant Long Evans rats: disposition to maternal and embryo/fetal tissues.

Toxicokinetics of an environmentally relevant mixture of dioxin-like PHAHs with or without a non-dioxin-like PCB in a semi-chronic exposure study in female Sprague Dawley rats.

Sulfation of thyroid hormones by liver of rainbow trout, *Oncorhynchus mykiss*.

Metabolism of ethanol by rat pancreatic acinar cells.

Contaminants in eggs of colonial waterbirds and hepatic cytochrome P450 enzyme levels in pipped tern embryos, Washington State.

The malonyl-CoA-sensitive form of carnitine palmitoyltransferase is not localized exclusively in the outer membrane of rat liver mitochondria.

Zonal location of compensatory hepatocyte proliferation following chemically induced hepatotoxicity in rats and humans.

Induction of UDP-glycosyltransferase family 1 genes in rat liver: different patterns of mRNA expression with two inducers, 3-methylcholanthrene and beta-naphthoflavone.

Quantitative analysis of liver peroxisomes in rats intoxicated with peroxisomicine-A1.

Cyclophosphamide cystitis as a model of visceral pain in rats: a c-fos and Krox-24 study at telencephalic levels, with a note on pituitary adenylate cyclase activating polypeptide (PACAP).

Nonresponsiveness to 2,3,7,8-tetrachlorodibenzo-p-dioxin of transforming growth factor beta1 and CYP 1A1 gene expression in rat liver fat-storing cells.

Hepatic and renal metallothionein induction following single oral administration of gallium arsenide in rats.

In vitro inhibition of thyroid hormone sulfation by hydroxylated metabolites of halogenated aromatic hydrocarbons.

Biochemical markers for differentiation of exposures to nonplanar polychlorinated biphenyls, organochlorine pesticides, or 2,3,7,8-tetrachlorodibenzo-p-dioxin in trout liver.

Regulation of apoptosis in mouse hepatocytes and alteration of apoptosis by nongenotoxic carcinogens.

Pleiotropic effects of hepatocyte growth factor in proximal tubule involve different signaling pathways.

A direct interaction between the aryl hydrocarbon receptor and retinoblastoma protein. Linking dioxin signaling to the cell cycle.

Investigations of the pathways of toxicity of methyl iodide in the rat nasal cavity.

Proteolysis of liver plectin by mu-calpain.

Cytochrome P450 catalyzed oxidation of monochlorobenzene, 1,2- and 1,4-dichlorobenzene in rat, mouse, and human liver microsomes.

Modulation of Hepatocyte Gene Expression by the Carcinogen Benzo[a]pyrene.

Cytotoxic effects and induction of cytochromes P450 1A1/2 by insecticides, in hepatic or epidermal cells: binding capability to the Ah receptor.

Differences in kinetics of induction and reversibility of TCDD-induced changes in cell proliferation and CYP1A1 expression in female Sprague-Dawley rat liver.

Detection of CYP1A1 protein in human liver and induction by TCDD in precision-cut liver slices incubated in dynamic organ culture.

Metabolic fate of S-(-)-pulegone in rat.

Hepatic stellate cells (vitamin A-storing cells) change their cytoskeleton structure by extracellular matrix components through a signal transduction system.

The synthesis and utilization of 2,4-dinitrophenyl-labeled irreversible peptidyl diazomethyl ketone inhibitors.

A pharmacodynamic analysis of TCDD-induced cytochrome P450 gene expression in multiple tissues: dose- and time-dependent effects.

Species- and sex-related differences in metabolism of trichloroethylene to yield chloral and trichloroethanol in mouse, rat, and human liver microsomes.

Hepatocyte growth factor-induced expression of ornithine decarboxylase, c-met, and c-myc is differently affected by protein kinase inhibitors in human hepatoma cells HepG2.

Strain differences in cytochrome P4501A1 gene expression caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat liver: role of the aryl hydrocarbon receptor and its nuclear translocator.

Oxidative phosphorylation in intact hepatocytes: quantitative characterization of the mechanisms of change in efficiency and cellular consequences.

Developmental regulation of the 3-methylcholanthrene- and dioxin-inducible CYP1A5 gene in chick embryo liver in vivo.

Subchronic/chronic toxicity of a mixture of four chlorinated dibenzo-p-dioxins in rats. II. Biochemical effects.

Expression of cytosolic beta-glucosidase in guinea pig liver cells.

Lipid peroxidation and biogenic aldehydes: from the identification of 4-hydroxynonenal to further achievements in biopathology.

Development of a model for classification of toxin-induced lesions using ¹H NMR spectroscopy of urine combined with pattern recognition.

The role of glutathione S-transferase- and cytochrome P450-dependent metabolism in the olfactory toxicity of methyl iodide in the rat.

Effect of arsenite on induction of CYP1A and CYP2H in primary cultures of chick hepatocytes.

Differentiating and proliferative effects of HGF in renal proximal tubular cells are mediated via different signalling pathways.

2,4 Dinitrophenol-uncoupling effect on delta psi in living hepatocytes depends on reducing-equivalent supply.

Metabolism of 17-(allylamino)-17-demethoxygeldanamycin (NSC 330507) by murine and human hepatic preparations.

Suppression of C/EBPalpha and induction of C/EBPbeta by 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse adipose tissue and liver.

Arachidonic acid metabolism in the marine fish *Stenotomus chrysops* (Scup) and the effects of cytochrome P450 1A inducers.

Highly toxic coplanar PCB126 reduces liver peroxisomal enzyme activities in rats.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces hepatic cytochrome P450-dependent arachidonic acid epoxygenation in diverse avian orders: regioisomer selectivity and immunochemical comparison of the TCDD-induced P450s to CYP1A4 and 1A5.

Mechanism for benomyl action as a mitochondrial aldehyde dehydrogenase inhibitor in mice.

Interleukin 1beta and interleukin 6, but not tumor necrosis factor alpha, inhibit insulin-stimulated glycogen synthesis in rat hepatocytes.

Characterization of glycerol uptake and glycerol kinase activity in rat hepatocytes cultured under different hormonal conditions.

Impact of dioxin-type induction of drug-metabolizing enzymes on the metabolism of endo- and xenobiotics.

Myelosuppressive activity of two herbicides, atrazine and dinoterb, on human haematopoietic progenitor cells: An in vitro assay to evaluate the effects of intermediate or long-term exposure.

Cytotoxic response profiles of cultured rat hepatocytes to selected aromatic hydrocarbons.

Cd²⁺ effects on respiration and swelling of rat liver mitochondria were modified by monovalent cations.

Use of precision-cut rat liver slices for studies of xenobiotic metabolism and toxicity: comparison of the Krumdieck and Brendel tissue slicers.

Estimation of occupational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin using a minimal physiologic toxicokinetic model.

Female Sprague-Dawley rats exposed to a single oral dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin exhibit sustained depletion of aryl hydrocarbon receptor protein in liver, spleen, thymus, and lung.

Hepatic oval cell activation in response to injury following chemically induced periportal or pericentral damage in rats.

Isolation of a novel metabolizing system enriched in phase-II enzymes for short-term genotoxicity bioassays.

Biological characterization of human fibroblast-derived mitogenic factors for human melanocytes.

Peroxidation of membrane lipids and oxidative DNA damage by fumonisin B1 in isolated rat liver nuclei.

Effects of some thiol chelators on enzymatic activities in blood, liver and kidneys of acute arsenic (III) exposed mice.

Hepatoprotective effect of Fe-TPEN on carbon tetrachloride induced liver injury in rats.

Induction of oxidative stress in brain tissues of mice after subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Induction and localization of cytochrome P450 1B1 (CYP1B1) protein in the livers of TCDD-treated rats: detection using polyclonal antibodies raised to histidine-tagged fusion proteins produced and purified from bacteria.

Accumulation of iron by primary rat hepatocytes in long-term culture: changes in nuclear shape mediated by non-transferrin-bound forms of iron.

Sulfotransferase-mediated genotoxicity of propane 2-nitronate in cultured ovine seminal vesicle cells.

Regulation of sulfotransferase gene expression by glucocorticoid hormones and xenobiotics in primary rat hepatocyte culture.

Characterization of thyroid hormone sulfotransferases.

Aryl hydrocarbon receptor-associated genes in rat liver: regional coinduction of aldehyde dehydrogenase 3 and glutathione transferase Ya.

Metabolic interaction between toluene, trichloroethylene and n-hexane in humans.

Comparison of liver progenitor cells in human atypical ductular reactions with those seen in experimental models of liver injury.

Toxicity of linoleic acid hydroperoxide to *Saccharomyces cerevisiae*: involvement of a respiration-related process for maximal sensitivity and adaptive response.

Hepatitis B virus X-associated protein 2 is a subunit of the unliganded aryl hydrocarbon receptor core complex and exhibits transcriptional enhancer activity.

Molecular cloning, characterization, and expression of the chicken heme oxygenase-1 gene in transfected primary cultures of chick embryo liver cells.

Metabolic Study of Isoproturon in Goats Following a Single Oral Administration: Toxicokinetics and Recovery.

Modulating effects of thyroid state on the induction of biotransformation enzymes by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Inhibition of 5,9-dimethyldibenzo[c,g]carbazole-DNA adduct formation in mouse liver by pretreatment with cytochrome P4501A inducers in vivo.

Determination of the sequence of the arylacetyl acyl-CoA:amino acid N-acyltransferase from bovine liver mitochondria and its homology to the aralkyl acyl-CoA:amino acid N-acyltransferase.

Modulation of 2,6-dinitrotoluene genotoxicity by alachlor treatment of Fischer 344 rats.

Effect of in vivo administered 2,3,7,8-tetrachlorodibenzo-p-dioxin on DNA-binding activities of nuclear transcription factors in liver of guinea pigs.

Interaction of PCB congeners and 2,3,7,8-TCDD in the rat liver: an electron microscope study.

Drug metabolizing enzyme activities and superoxide formation in primary and immortalized rat brain endothelial cells.

Enzymatic methylation of arsenic compounds. V. Arsenite methyltransferase activity in tissues of mice.

Biosynthesis of methylguanidine in the hepatic peroxisomes and the effect of the induction of peroxisomal enzymes by clofibrate.

Mitochondrial dysfunction in the senescence accelerated mouse (SAM).

Promotion of rat hepatocarcinogenesis by dimethylarsinic acid: association with elevated ornithine decarboxylase activity and formation of 8-hydroxydeoxyguanosine in the liver.

Hemotoxicity of chlorpropham (CIPC) in F344 rats.

Effect of arsenite, arsenate, and the herbicide monosodium methyl arsonate (MSMA) on hepatic metallothionein expression and lipid peroxidation in channel catfish.

Herbicide-induced experimental variegate porphyria in mice: tissue porphyrinogen accumulation and response to porphyrogenic drugs.

The cytotoxic effect of paraquat to isolated renal proximal tubular segments from rabbits.

Peroxisome proliferators increase the formation of BPDE-DNA adducts in isolated rat hepatocytes.

Age-associated increase in ferritin content of male rat liver: implication for diquat-mediated oxidative injury.

Propanil poisoning.

Possible carcinogenic potential of dimethylarsinic acid as assessed in rat in vivo models: a review.

Genotoxicity of six pesticides by Salmonella mutagenicity test and SOS chromotest.

In vivo studies on genotoxicity of pure and commercial linuron.

"Golf ball liver": agent orange hepatitis.

Studies on the effect of peroxisomicine on catalase activity in albino mice.

Biochemical studies on the toxicity of 1, 1'-dimethyl-4, 4'-bipyridylum dichloride in the rat.

Comparative in vitro and in vivo protein kinase C activation by selected pesticides and transition metal salts.

[Retrospective study of morbidity in a group professionally exposed to chlorotriazine herbicides].

Inhibitory effect of nicotinamide to paraquat toxicity and the reaction site on complex I.

Dimethylarsinic acid treatment alters six different rat biochemical parameters: relevance to arsenic carcinogenesis.

¹H NMR investigation of toxic effects of lindane and paraquat on Hep 3B and Hep G2 human hepatoma cell lines.

Comparison of catalase in diploid and haploid *Rana rugosa* using heat and chemical inactivation techniques.

Liver cell cytoplasmic inclusions in experimental porphyrias: their demonstration with the ferric ferricyanide reduction reaction.

Inhibition of the genotoxic effects of heterocyclic amines in human derived hepatoma cells by dietary bioantimutagens.

Induction of glutathione depletion, p53 protein accumulation and cellular transformation by tetrachlorohydroquinone, a toxic metabolite of pentachlorophenol.

Regulation of human apolipoprotein A-I gene expression by gramoxone.

Inhibition of sulfotransferase affecting in vivo genotoxicity and DNA adducts induced by safrole in rat liver.

Effects of acrolein on rat liver antioxidant defense system.

Role of glutathione and catalase in H₂O₂ detoxification in LPS-activated hepatic endothelial and Kupffer cells.

Identification of enzymes involved in the metabolism of atrazine, terbutylazine, ametryne, and terbutryne in human liver microsomes.

Induction after administering paraquat of heme oxygenase-1 and heat shock protein 70 in the liver of senescence-accelerated mice.

Dosimetry of chlorinated quinone metabolites of pentachlorophenol in the livers of rats and mice based upon measurement of protein adducts.

Overexpression of *mdr2* gene by peroxisome proliferators in the mouse liver.

High-performance liquid chromatographic determination of acrolein as a marker for cyclophosphamide bioactivation in human liver microsomes.

Molecularly imprinted solid phase extraction of atrazine from beef liver extracts.

Sustained increase in intracellular free calcium and activation of cyclooxygenase-2 expression in mouse hepatoma cells treated with dioxin.

Signal transduction-mediated activation of the aryl hydrocarbon receptor in rat hepatoma H4IIE cells.

Failure of monochloroacetic acid and trichloroacetic acid administered in the drinking water to produce liver cancer in male F344/N rats.

Entacapone, a novel catechol-O-methyltransferase inhibitor for Parkinson's disease, does not impair mitochondrial energy production.

Studies on the relationship between estrogen receptor content, glutathione S-transferase pi expression, and induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin and drug resistance in human breast cancer cells.

Down-regulation of major histocompatibility complex Q1b gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Pancreatic carcinomas deposit laminin-5, preferably adhere to laminin-5, and migrate on the newly deposited basement membrane.

Promotion of enzyme altered foci in female rat 2,3,3',4,4',5-hexachlorobiphenyl.

Evidence for protein dolichylation.

Alterations in the developing immune system of the F344 rat after perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin I. [correction of II]. Effects on the fetus and the neonate.

Role of nitroreductases but not cytochromes P450 in the metabolic activation of 1-nitropyrene in the HepG2 human hepatoblastoma cell line.

Aryl hydrocarbon receptor-dependent induction of cyp1a1 by bilirubin in mouse hepatoma hepa 1c1c7 cells.

Hepatic foci in rats after diethylnitrosamine initiation and 2,3,7,8-tetrachlorodibenzo-p-dioxin promotion: evaluation of a quantitative two-cell model and of CYP 1A1/1A2 as a dosimeter.

Subchronic/chronic toxicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin (HpCDD) in rats. Part I. Design, general observations, hematology, and liver concentrations.

Reduced stress defense in heme oxygenase 1-deficient cells.

Association of arsenic-induced malignant transformation with DNA hypomethylation and aberrant gene expression.

Mitochondrial damage: a possible mechanism of the "topical" phase of NSAID induced injury to the rat intestine.

Activity and inducibility of drug-metabolizing enzymes in immortalized hepatocyte-like cells (mhPKT) derived from a L-PK/Tag1 transgenic mouse.

Carrier effects of dosing the H4IIE cells with 3,3',4,4'-tetrachlorobiphenyl (PCB77) in dimethyl sulfoxide or isoctane.

Modulation of cytochrome P450 by 5,5'-bis-trifluoromethyl-2,2'-dichlorobiphenyl, a unique environmental contaminant.

Promotion of endometriosis in mice by polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls.

Cytochrome P450 isozymes responsible for the metabolism of toluene and styrene in human liver microsomes.

Antimitotic intervention with colchicine alters the outcome of o-DCB-induced hepatotoxicity in Fischer 344 rats.

Purification and partial sequencing of the XL-I form of xenobiotic-metabolizing medium chain fatty acid:CoA ligase from bovine liver mitochondria, and its homology with the essential hypertension protein.

Cytosolic Ca²⁺ and protein kinase Calpha couple cellular metabolism to membrane K⁺ permeability in a human biliary cell line.

Induction of cytochrome P450 1B1 and catechol estrogen metabolism in ACHN human renal adenocarcinoma cells.

Opposite effects of 2,2',4,4',5,5'-hexachlorobiphenyl and 2,3,7,8-tetrachlorodibenzo-p-dioxin on the antibody response to sheep erythrocytes in mice.

Effect of hepatic methyl donor status on urinary excretion and DNA damage in B6C3F1 mice treated with sodium arsenite.

P-Cresol, a uremic compound, enhances the uptake of aluminum in hepatocytes.

Mortality among Army Chemical Corps Vietnam veterans.

Altered in vivo toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C-SRC deficient mice.

Regulation of dioxin receptor function by omeprazole.

Some peculiarities of hepatobiliary diseases in Vietnam.

Role of cytochrome P450 enzyme induction in the metabolic activation of benzo[c]phenanthrene in human cell lines and mouse epidermis.

Murine Cyp1a-1 induction in mouse hepatoma Hepa-1C1C7 cells by myristicin.

Detection of peroxisome proliferators using a reporter construct derived from the rat acyl-CoA oxidase promoter in the rat liver cell line H-4-II-E.

The carboxyl-terminal region of factor IX is essential for its secretion.

A novel cytoplasmic protein that interacts with the Ah receptor, contains tetratricopeptide repeat motifs, and augments the transcriptional response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Co-metabolism of ethanol, ethanol-derived acetaldehyde, and 4-hydroxynonenal in isolated rat hepatocytes.

Nitrofen dose-dependent gestational day-specific murine lung hypoplasia and left-sided diaphragmatic hernia.

Expression of CYP1B1 in human adult and fetal tissues and differential inducibility of CYP1B1 and CYP1A1 by Ah receptor ligands in human placenta and cultured cells.

Human NAD(P)H:quinone oxidoreductase induction in human hepatoma cells after exposure to industrial acrylates, phenolics, and metals.

Oxygen- and dioxin-regulated gene expression in mouse hepatoma cells.

Cytokines (IL-1beta and TNFalpha) in relation to biochemical and immunological effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats.

[Assessment of neurotoxic effects of methyl bromide in exposed workers].

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and congeners in infants. A toxicokinetic model of human lifetime body burden by TCDD with special emphasis on its uptake by nutrition.

Effect of subchronic 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on immune system and target gene responses in mice: calculation of benchmark doses for CYP1A1 and CYP1A2 related enzyme activities.

Enzymatic methylation of arsenic species and other new approaches to arsenic toxicity.

Interactions of TCDD with signal transduction and neoplastic development in c-myc transgenic and TGF-alpha transgenic mice.

Mechanism of thiazopyr-induced effects on thyroid hormone homeostasis in male Sprague-Dawley rats.

Early life stage toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish (*Danio rerio*).

Oxidative and chemical stress mimic insulin by selectively inhibiting the expression of phosphoenolpyruvate carboxykinase in hepatoma cells.

Modification of hepatic drug-metabolizing enzymes in rats treated with alkyl sulfides.

Protective effects of Propolis extract on allyl alcohol-induced liver injury in mice.

Age-related susceptibility to hepatotoxicants.

Comparative cytotoxicity of the aqueous chlorination products of thiobencarb, a thiocarbamate herbicide, in cultured rat hepatocytes.

Two complementary bioassays for screening the estrogenic potency of xenobiotics: recombinant yeast for trout estrogen receptor and trout hepatocyte cultures.

Is exposure to bacterial endotoxin a determinant of susceptibility to intoxication from xenobiotic agents?

Dose-response relationships for polyhalogenated dioxins and dibenzofurans following subchronic treatment in mice. I. CYP1A1 and CYP1A2 enzyme activity in liver, lung, and skin.

Multiple roles of polyhalogenated biphenyls in causing increases in cytochrome P450 and uroporphyrin accumulation in cultured hepatocytes.

Mechanisms for metabolism of ethanol to 1-hydroxyethyl radicals in rat liver microsomes.

Long-term primary cultures of adult human hepatocytes.

4-Amino-2,6-dichlorophenol nephrotoxicity in the Fischer 344 rat: protection by ascorbic acid, AT-125, and aminoxyacetic acid.

Purification and gas chromatographic-mass spectrometric characterization of non-methylene interrupted fatty acid incorporated in rat liver.

Preliminary assessment of PCB risks to human and ecological health in the lower Passaic River.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced activation of a protein tyrosine kinase, pp60src, in murine hepatic cytosol using a cell-free system.

Subchronic/chronic toxicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin (HpCDD) in rats. Part II. Biochemical effects.

Altered function, localization and phosphorylation of gap junctions in rat liver epithelial, IAR 20, cells after treatment with PCBs or TCDD.

Purification and partial structural characterization of a fatty acid-binding protein from the liver of the South American armadillo *Chaetophractus villosus*.

CYP1A induction by beta-naphthoflavone, Aroclor 1254, and 2,3,7,8-tetrachlorodibenzo-p-dioxin and its influence on aflatoxin B1 metabolism and DNA adduction in zebrafish.

The role of Src kinase in the potentiation by ethanol of cytokine- and endotoxin-mediated nitric oxide synthase expression in rat hepatocytes.

Extrathyroidal effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on thyroid hormone turnover in male Sprague-Dawley rats.

Gadolinium chloride reduces cytochrome P450: relevance to chemical-induced hepatotoxicity.

Extension of long cellular processes of hepatic stellate cells cultured on extracellular type I collagen gel by microtubule assembly: observation utilizing time-lapse video-microscopy.

A physiologically based pharmacokinetic (PB-PK) model for 1,2-dichlorobenzene linked to two possible parameters of toxicity.

Role of 3,4-dichlorophenyl methyl sulfone, a metabolite of o-dichlorobenzene, in the changes in hepatic microsomal drug-metabolizing enzymes caused by o-dichlorobenzene administration in rats.

A pharmacokinetic analysis of interspecies extrapolation in dioxin risk assessment.

Cellular response to the redox active lipid peroxidation products: induction of glutathione S-transferase P by 4-hydroxy-2-nonenal.

Role of CYP1A2 in hepatic sequestration of dioxin: studies using CYP1A2 knock-out mice.

Aryl hydrocarbon receptor knockout mice (AHR^{-/-}) exhibit liver retinoid accumulation and reduced retinoic acid metabolism.

Brevetoxin-6 (PbTx-6), a nonaromatic marine neurotoxin, is a ligand of the aryl hydrocarbon receptor.

Cytotoxic effects of 2,6-di-tert-butyl-4-methylphenyl N-methylcarbamate (terbutol) herbicide on hepatocytes and mitochondria isolated from male rats.

[Oxidative phosphorylation in liver mitochondria under extremely high frequency electromagnetic radiation in vitro].

4,6-Dinitro-o-cresol uncouples oxidative phosphorylation and induces membrane permeability transition in rat liver mitochondria.

Expression of liver functions following sub-lethal and non-lethal doses of allyl alcohol and acetaminophen in the rat.

Isolation, characterization, and functional studies of rat liver iron regulatory protein 1.

Regulation of expression of the human heme oxygenase-1 gene in transfected chick embryo liver cell cultures.

Protective effects of lobenzarit against allyl alcohol-induced hepatotoxicity in mice and rats.

Menadione-dependent reduction of tertiary amine N-oxide by rat liver cytosol.

Enzymatic methylation of arsenic compounds: IV. In vitro and in vivo deficiency of the methylation of arsenite and monomethylarsonic acid in the guinea pig.

Cytochrome P450 3A4 mediated metabolism of 2,4-dichlorophenol.

[Comparative study of the effect of paracetamol, phenacetin and amidopyrine on mitochondrial function in isolated rat hepatocytes].

Glycogenolysis stimulation by non-steroidal anti-inflammatories in the perfused rat liver is not accompanied by Ca²⁺ release.

Characterization of the H4IIE rat hepatoma cell bioassay for evaluation of environmental samples containing polynuclear aromatic hydrocarbons (PAHs).

Interleukin-2 increases intracellular glutathione levels and reverses the growth inhibiting effects of cyclophosphamide on B16 melanoma cells.

Carbaryl induces CYP1A1 gene expression in HepG2 and HaCaT cells but is not a ligand of the human hepatic Ah receptor.

Regional hepatic CYP1A1 and CYP1A2 induction with 2,3,7,8-tetrachlorodibenzo-p-dioxin evaluated with a multicompartiment geometric model of hepatic zonation.

Bacterial endotoxin enhances the hepatotoxicity of allyl alcohol.

Hrp12, a novel heat-responsive, tissue-specific, phosphorylated protein isolated from mouse liver.

Effect of cell density and epidermal growth factor on the inducible expression of CYP3A and CYP1A genes in human hepatocytes in primary culture.

Rapid Ca²⁺ influx induced by the action of dibutylhydroquinone and glucagon in the perfused rat liver.

Involvement of aspartate/glutamate antiporter in fatty acid-induced uncoupling of liver mitochondria.

Effect of the histone deacetylase inhibitor trichostatin A on the responsiveness of rat hepatocytes to dioxin.

Regulation of glucocorticoid receptor by the tyrosine kinase inhibitor herbimycin A in the cytosolic fraction of primary cultured rat hepatocytes.

Multiplicity of antioxidant enzyme catalase in mouse liver cells.

Cytochrome P450 isoenzyme activities in cultured rat and mouse liver slices.

Determination of genotoxicity of the metabolites of the pesticides Guthion, Sencor, Lorox, Reglone, Daconil and Admire by ³²P-postlabeling.

Involvement of cytochrome P4502E1 in the toxicity of dichloropropanol to rat hepatocyte cultures.

The ability to alter the gap junction protein expression outside GST-P positive foci in liver of rats was associated to the tumour promotion potency of different polychlorinated biphenyls.

Cytidine-5'-diphosphate-1,2-diacyl-sn-glycerol import into mitochondria through mitochondrial membrane contact sites in permeabilized rat liver hepatocytes.

Effect of UVA on RNA synthesis in isolated chicken liver nuclei.

Effects of cyclophosphamide and ifosfamide on neuroblastoma cells before and after activation by microsomes.

Murine hepatic p53, RB, and CDK inhibitory protein expression following acute 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure.

The relative susceptibility of animals and humans to the carcinogenic hazard posed by exposure to 2,3,7,8-TCDD: an analysis using standard and internal measures of dose.

Derivation of 2,3,7,8-TCDD toxic equivalent factors (TEFs) for selected dioxins, furans and PCBs with rainbow trout and rat liver cell lines and the influence of exposure time.

Cytotoxicity of organochlorine pesticides and lipid peroxidation in isolated rat hepatocytes.

Time course for the modulation of hepatic cytochrome P450 after administration of ethylbenzene and its correlation with toluene metabolism.

Oxidative liver DNA damage in rats treated with pesticide mixtures.

Halogenated aromatic hydrocarbon-mediated porphyrin accumulation and induction of cytochrome P4501A in chicken embryo hepatocytes.

Toluene metabolism by cDNA-expressed human hepatic cytochrome P450.

Redox stress and hepatic DNA fragmentation induced by diquat in vivo are not accompanied by increased 8-hydroxydeoxyguanosine contents.

Sensitivity of common tern (*Sterna hirundo*) embryo Hepatocyte Cultures to CYP1A induction and porphyrin accumulation by halogenated aromatic hydrocarbons and common tern egg extracts.

Death following intentional methyl bromide poisoning: toxicological data and literature review.

A continuous spectrophotometric assay for monoamine oxidase and related enzymes in tissue homogenates.

Effects of arsenite pretreatment on the acute toxicity of parathion.

Polymerase chain reaction-based cloning of alkyl-dihydroxyacetonephosphate synthase complementary DNA from guinea pig liver.

Characterization of hepatic metallothionein expression in channel catfish (*Ictalurus punctatus*) by reverse transcriptase polymerase chain reaction.

Metabolic activation and DNA-adducts detection as biomarkers of chlorinated pesticide exposures.

Congener specific accumulation and toxic assessment of polychlorinated biphenyls in common cormorants, *Phalacrocorax carbo*, from Lake Biwa, Japan.

Giant Mitochondria as Possible Bioindicators of Environmental Injuries in Fish Liver.

[Respiration and ion permeability of the inner membrane in rat "sodium" liver mitochondria].

Ethoxyresorufin-O-deethylase (EROD) inducing potencies of planar chlorinated aromatic hydrocarbons in primary cultures of hepatocytes from different developmental stages of the chicken.

Electron microscopic identification of putative liver stem cells and intermediate hepatocytes following periportal necrosis induced in rats by allyl alcohol.

DNA adduct formation in primary mouse embryo cells induced by 7H-dibenzo[c,g]carbazole and its organ-specific carcinogenic derivatives.

Selected lesions of dioxin in laboratory rodents.

Urinary excretion of ifosfamide, 4-hydroxyifosfamide, 3- and 2-dechloroethylifosfamide, mesna, and dimesna in patients on fractionated intravenous ifosfamide and concomitant mesna therapy.

Metabolic degradation, inducing potency, and metabolites of fluorinated and chlorinated-fluorinated dibenzodioxins and dibenzofurans.

Regulation of CYP 2 A 5 induction by porphyrinogenic agents in mouse primary hepatocytes.

Toxicity of allyl alcohol in primary cultures of freshly isolated and cryopreserved hepatocytes maintained on hydrated collagen gels.

Pretreatment with peroxisome proliferators protects mice against some but not all hepatotoxins.

Evaluation of the genotoxicity potential (by Mutatox test) of ten pesticides found as water pollutants in Cyprus.

Acute oral toxicity of the herbicide BUREX EKO in pheasants.

Effect of paraquat intoxication and ambroxol treatment on hydrogen peroxide production and lipid peroxidation in selected organs of rat.

Differential effect of peroxisome proliferators on rat glutathione S-transferase isoenzymes.

Protoporphyrinogen oxidase: high affinity tetrahydrophthalimide radioligand for the inhibitor/herbicide-binding site in mouse liver mitochondria.

Acute, subchronic and chronic 2,4-dichlorophenoxyacetic acid (2,4-D) intoxication in rats.

Cellular target of cyclophosphamide toxicity in the murine liver: role of glutathione and site of metabolic activation.

Evaluation of the potential carcinogenicity and genetic toxicity to humans of the herbicide acetochlor.

Mode of action of thyroid tumor formation in the male Long-Evans rat administered high doses of alachlor.

Hierarchical cluster analysis of environmental pollutants through P450 induction in cultured hepatic cells.

Protective effects of chlorogenic acid on paraquat-induced oxidative stress in rats.

Oxidative DNA damage and cell proliferation in the livers of B6C3F1 mice exposed to pentachlorophenol in their diet.

Experience with acute paraquat poisoning in Crete.

Evidence of chemical stimulation of hepatic metabolism by an experimental acetanilide (FOE 5043) indirectly mediating reductions in circulating thyroid hormone levels in the male rat.

3-Aminobenzamide: effects on cytochrome P450-dependent metabolism of chemicals and on the toxicity of dichlobenil in the olfactory mucosa.

The detection of S-glutathionation of hepatic carbonic anhydrase III in rats treated with paraquat or diquat.

Detection of 1, N2-propanodeoxyguanosine adducts as potential endogenous DNA lesions in rodent and human tissues.

Biochemical and genetic interactions of two commercial pesticides with the monooxygenase system and chlorophyllin.

Pentachlorophenol enhances 9-hydroxybenzo [a] pyrene-induced hepatic DNA adduct formation in vivo and inhibits microsomal epoxide hydrolase and glutathione S-transferase activities in vitro: likely inhibition of epoxide detoxication by pentachlorophenol.

DNA damage induced in mouse tissues by organic wood preserving waste extracts as assayed by 32P-postlabeling.

Effects of paraquat on mitochondrial electron transport system and catecholamine contents in rat brain.

Paraquat causes S-phase arrest of rat liver and lung cells in vivo.

Comparison of the induction of hepatic peroxisome proliferation by the herbicide oxadiazon in vivo in rats, mice, and dogs and in vitro in rat and human hepatocytes.

Mortality in a cohort of pentachlorophenol manufacturing workers, 1940-1989.

Depression of liver microsomal glucose 6-phosphatase activity in carbon tetrachloride-poisoned rats. Potential synergistic effects of lipid peroxidation and of covalent binding of haloalkane-derived free radicals to cellular components in the process.

A new evaluation of peroxisome proliferation in rainbow trout hepatocytes in culture.

[The phospholipid composition of the liver and the glycolipid spectrum of the brain in rats administered cyanamide].

In vitro metabolism of atrazine, terbuthylazine, ametryne, and terbutryne in rats, pigs, and humans.

[The effect of catalase inhibitor 3-amino-1,2,4-triazole on coupled oxidative phosphorylation and the state of adenyl system in liver mitochondria of albino rats].

Metabolic activation of 2,6-dichlorobenzonitrile, an olfactory-specific toxicant, by rat, rabbit, and human cytochromes P450.

The direct effect of hepatic peroxisome proliferators on rat Leydig cell function in vitro.

Ascorbate synthesis-dependent glutathione consumption in mouse liver.

Increases in tissue levels of ubiquinone in association with peroxisome proliferation.

Mono- and dimethylation of arsenic in rat liver cytosol in vitro.

A convenient method to discriminate between cytochrome P450 enzymes and flavin-containing monooxygenases in human liver microsomes.

Characterization of the interaction of 2-[2-nitro-4-(trifluoromethyl)benzoyl]-4,4,6,6,-tetramethyl-cyclohexane-1,3,5-trione with rat hepatic 4-hydroxyphenylpyruvate dioxygenase.

ATP depletion affects the phosphorylation state, ligand binding, and nuclear transport of the 4 S polycyclic aromatic hydrocarbon-binding protein in rat hepatoma cells.

Decreased liver type I 5'-deiodinase and increased brown adipose tissue type II 5'-deiodinase activity in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treated Long-Evans rats.

Toward understanding the developmental anatomy of congenital diaphragmatic hernia.

Possible role of arachidonic acid in stress-induced cytochrome P450IA1 activity.

Interactive effects between 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,2',4,4',5,5'-hexachlorobiphenyl in female B6C3F1 mice: tissue distribution and tissue-specific enzyme induction.

Embryology of congenital diaphragmatic hernia.

Bioassay for determining 2,3,7,8-tetrachlorodibenzo-p-dioxin equivalents (TEs) in human hepatoma Hepg2 cells.

Dioxin induces transcription of fos and jun genes by Ah receptor-dependent and -independent pathways.

Ah-receptor-dependent modulation of gene expression by aged and diluted sidestream cigarette smoke.

Differences in inducibility of CYP1A1-mRNA by benzimidazole compounds between human and mouse cells: evidences of a human-specific signal transduction pathway for CYP1A1 induction.

Oxidative modification of low-density lipoprotein by the human hepatoma cell line HepG2.

Effects of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) injected into the yolks of chicken (*Gallus domesticus*) eggs prior to incubation.

Functional interference between hypoxia and dioxin signal transduction pathways: competition for recruitment of the Arnt transcription factor.

Missing effects of background dioxin exposure on development of breast-fed infants during the first half year of life.

The effect of ethanol or hepatotoxin exposure on rat transferrin desialylation.

beta-Apo-8'-carotenal, but not beta-carotene, is a strong inducer of liver cytochromes P4501A1 and 1A2 in rat.

Chemical-activated luciferase gene expression (CALUX): a novel in vitro bioassay for Ah receptor active compounds in sediments and pore water.

[The perioperative use of recombinant erythropoietin (rhEPO) in Jehovah's witnesses].

In ovo 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in three avian species. 2. Effects on estrogen receptor and plasma sex steroid hormones during the perinatal period.

In ovo 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in three avian species. 1. Effects on thyroid hormones and growth during the perinatal period.

Identification of a cell-specific transcription activation domain within the human Ah receptor nuclear translocator.

Cytokine-induced nitric oxide synthase gene transcription is blocked by the heat shock response in human liver cells.

Complementation of Ah receptor deficiency in hepatoma cells: negative feedback regulation and cell cycle control by the Ah receptor.

[The determination of toxic compounds with a dinitrophenol structure in the forensic chemical study of cadaveric material].

Diagnostic criteria for selenium toxicosis in aquatic birds: dietary exposure, tissue concentrations, and macroscopic effects.

Nephrotoxicity of 4-amino-2-chlorophenol and 2-amino-4-chlorophenol in the Fischer 344 rat.

Physical and functional association between GADD153 and CCAAT/enhancer-binding protein beta during cellular stress.

Intracellular glutathione level modulates the induction of apoptosis by delta 12-prostaglandin J2.

Studies on the mechanism of hepatotoxicity of 4-methylphenol (p-cresol): effects of deuterium labeling and ring substitution.

Uroporphyrin accumulation associated with cytochrome P4501A induction in fish hepatoma cells exposed to aryl hydrocarbon receptor agonists, including 2,3,7,8-tetrachlorodibenzo-p-dioxin and planar chlorobiphenyls.

Characterization of the molecular and structural properties of the transformed and nuclear aryl hydrocarbon (Ah) receptor complexes by proteolytic digestion.

Synergistic effect of 2,2',4,4',5,5'-hexachlorobiphenyl and 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic porphyrin levels in the rat.

Quantitative analysis of enzyme-altered liver foci in rats initiated with diethylnitrosamine and promoted with 2,3,7,8-tetrachlorodibenzo-p-dioxin or 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin.

Modeling the number and size of hepatic focal lesions following exposure to 2,3,7,8-TCDD.

Promotion of endometriosis by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats and mice: time-dose dependence and species comparison.

The aromatic hydrocarbon receptor modulates the Hepa 1c1c7 cell cycle and differentiated state independently of dioxin.

Cytochromes P450 (CYP) in the *Poeciliopsis lucida* hepatocellular carcinoma cell line (PLHC-1): dose- and time-dependent glucocorticoid potentiation of CYP1A induction without induction of CYP3A.

DNA binding by the heterodimeric Ah receptor. Relationship to dioxin-induced CYP1A1 transcription in vivo.

Detection of toluene in an adipoceratous body.

The involvement of cytochrome P4502E1 in 2-bromoethanol-induced hepatocyte cytotoxicity.

Comparison of Ah receptor-mediated luciferase and ethoxyresorufin-O-deethylase induction in H4IIE cells: implications for their use as bioanalytical tools for the detection of polyhalogenated aromatic hydrocarbons.

Identification of dioxin-responsive genes in Hep G2 cells using differential mRNA display RT-PCR.

Enhanced arsenite-induced hepatic morphological and biochemical changes in phenobarbital-pretreated rats.

Effect of 2,3,7,8-tetrachlorodibenzo-P-dioxin (TCDD) on the hepatic stellate cell population in the rat.

Interaction of a recombinant form of apolipoprotein[a] with human fibroblasts and with the human hepatoma cell line HepG2.

TCDD-inducible plasminogen activator inhibitor type 2 (PAI-2) in human hepatocytes, HepG2 and monocytic U937 cells.

The actions of 2,3,7,8-tetrachlorodibenzo-p-dioxin on transforming growth factor-beta2 promoter activity are localized to the TATA box binding region and controlled through a tyrosine kinase-dependent pathway.

Immune system impairment and hepatic fibrosis in mice lacking the dioxin-binding Ah receptor.

Arsenite, but not cadmium, induces ornithine decarboxylase and heme oxygenase activity in rat liver: relevance to arsenic carcinogenesis.

Increased oxidative DNA damage in livers of 2,3,7,8-tetrachlorodibenzo-p-dioxin treated intact but not ovariectomized rats.

Cytochrome P450 and its interactions with the heme biosynthetic pathway.

Effects of canthaxanthin, astaxanthin, lycopene and lutein on liver xenobiotic-metabolizing enzymes in the rat.

Curcumin induces apoptosis in immortalized NIH 3T3 and malignant cancer cell lines.

Effects of iron replenishment on iron, calcium, phosphorus and magnesium metabolism in iron-deficient rats.

Mechanism underlying the inhibitory effect of high calcium carbonate intake on iron bioavailability from ferrous sulphate in anaemic rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) inhibition of fat cell differentiation.

Peroxisome proliferators: species differences in response of primary hepatocyte cultures.

Relationship between mitochondrial dysfunction and toxicity of propyl gallate in isolated rat hepatocytes.

Nitro musk compounds genotoxic activity : Genotoxicity testing of nitro musks with the SOS-chromotest and the sister-chromatid exchange test.

Isolation and characterization of a novel gene induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver.

Morbidity study of extruder personnel with potential exposure to brominated dioxins and furans. II. Results of clinical laboratory studies.

Subcellular localization of TCDD differs between the liver, lungs, and kidneys after acute and subchronic exposure: species/dose comparisons and possible mechanism.

Differences in cytochrome P450-mediated biotransformation of 1,2-dichlorobenzene by rat and man: implications for human risk assessment.

Regulation of gene expression of various phase I and phase II drug-metabolizing enzymes by tamoxifen in rat liver.

Inducibility of cytochromes P-450 by dioxin in liver and extrahepatic tissues of the marmoset monkey (*Callithrix jacchus*).

Affinity purification of mannose 6-phosphate receptor proteins. Purification and partial characterisation of goat liver receptors.

Effects induced by feeding organochlorine-contaminated carp from Saginaw Bay, Lake Huron, to laying White Leghorn hens. I. Effects on health of adult hens, egg production, and fertility.

Rapid distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) to embryonic tissues in C57BL/6N mice and correlation with palatal uptake in vitro.

Cytochrome P4501A induction in avian hepatocyte cultures: a promising approach for predicting the sensitivity of avian species to toxic effects of halogenated aromatic hydrocarbons.

Tissue-specific 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible expression of human UDP-glucuronosyltransferase UGT1A6.

Heat shock response inhibits cytokine-inducible nitric oxide synthase expression in rat hepatocytes.

Independent antioxidant action of vitamins E and C in cultured rat hepatocytes intoxicated with allyl alcohol.

Subchronic dispositional and toxicological effects of arsenate administered in drinking water to mice.

Alteration of oxytocin-induced calcium oscillations in clone 9 cells by toxin exposure.

Activation of tinidazole, an antiprotozoal drug to a mutagen by mammalian liver S9.

Validation of precision-cut liver slices in dynamic organ culture as an in vitro model for studying CYP1A1 and CYP1A2 induction.

Aldehyde dismutase activity of human liver alcohol dehydrogenase.

The primary structure of UK114 tumor antigen.

Identification of functional aryl hydrocarbon receptor and aryl hydrocarbon receptor nuclear translocator in murine splenocytes.

Breast-feeding exposure of infants to environmental contaminants--a public health risk assessment viewpoint: chlorinated dibenzodioxins and chlorinated dibenzofurans.

Purification and partial characterization of an indomethacin hydrolyzing enzyme from pig liver.

Aryl-hydrocarbon receptor-deficient mice are resistant to 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced toxicity.

Differential regulation of mouse Ah receptor gene expression in cell lines of different tissue origins.

Uptake of duck hepatitis B virus into hepatocytes occurs by endocytosis but does not require passage of the virus through an acidic intracellular compartment.

2,3,7,8-Tetrachlorodibenzo-p-dioxin affects retinol esterification in rat hepatic stellate cells and kidney.

Phenobarbital induction of cytochrome P4501A1 is regulated by cAMP-dependent protein kinase-mediated signaling pathways in rainbow trout hepatocytes.

Uncoupling effect of polyunsaturated fatty acid deficiency in isolated rat hepatocytes: effect on glycerol metabolism.

Metabolic stress opens K⁺ channels in hepatoma cells through a Ca²⁺- and protein kinase calpha-dependent mechanism.

Efficient tissue repair underlies the resiliency of postnatally developing rats to chlordecone + CCl₄ hepatotoxicity.

Interaction with the aromatic hydrocarbon receptor, CYP1A induction, and mutagenicity of a series of diaminotoluenes: implications for their carcinogenicity.

Characterization of a murine Ahr null allele: involvement of the Ah receptor in hepatic growth and development.

P-glycoprotein induction in rat liver epithelial cells in response to acute 3-methylcholanthrene treatment.

Effects of culture duration, cytochrome P-450 inhibition and glutathione depletion on toxicity of diverse xenobiotics.

Glutathione depletion in human erythrocytes and rat liver: a study on the interplay between bioactivation and inactivation functions of liver and blood.

Tyrosine 8 contributes to catalysis but is not required for activity of rat liver glutathione S-transferase, 1-1.

The capability of rat colon tissue slices to metabolize the cooked-food carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine.

Induction of heme oxygenase-1 in LMH cells. Comparison of LMH cells to primary cultures of chick embryo liver cells.

The nature of uncoupling by n-hexane, 1-hexanethiol and 1-hexanol in rat liver mitochondria.

A generic toxicokinetic model for persistent lipophilic compounds in humans: an application to TCDD.

Relative potencies of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls derived from hepatic porphyrin accumulation in mice.

Comparison of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) disposition following pulmonary, oral, dermal, and parenteral exposures to rats.

Differences in binding of epidermal growth factor to liver membranes of TCDD-resistant and TCDD-sensitive rats after a single dose of TCDD.

Mutagenic potential of binary and complex mixtures using different enzyme induction systems.

Effect of exposure of rabbit hepatocytes to sulfur-containing anthelmintics (oxfendazole and fenbendazole) on cytochrome P4501A1 expression.

Cell kinetics of repair after allyl alcohol-induced liver necrosis in mice.

Mechanism of acetaminophen-induced hepatotoxicity: covalent binding versus oxidative stress.

Disposition characteristics of plasmid DNA in the single-pass rat liver perfusion system.

Actions of selected hepatotoxicants on freshly isolated and cryopreserved rat hepatocytes.

Influence of liver tumor promoters on apoptosis in rat hepatocytes induced by 2-acetylaminofluorene, ultraviolet light, or transforming growth factor beta 1.

Arsenic-copper interaction in the kidney of the rat: influence of arsenic metabolites.

The aryl-hydrocarbon receptor, but not the aryl-hydrocarbon receptor nuclear translocator protein, is rapidly depleted in hepatic and nonhepatic culture cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Development of a caffeine breath test to measure cytochrome P450-1A activity in birds.

Studies on trans-cinnamaldehyde II: Mechanisms of cytotoxicity in rat isolated hepatocytes.

Health risk assessment for inuit newborns exposed to dioxin-like compounds through breast feeding.

Biochemical characterization of the effects of the benzodiazepine, midazolam, on mitochondrial electron transfer.

alpha-Lipoic acid dependent regeneration of ascorbic acid from dehydroascorbic acid in rat liver mitochondria.

CYP2E1-mediated mechanism of anti-genotoxicity of the broccoli constituent sulforaphane.

Growth modulation of hepatocytes and rat liver epithelial cells (WB-F344) by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Oxidation of pyridine nucleotides is an early event in the lethality of allyl alcohol.

Investigation of liver binding of pentachlorophenol based upon measurement of protein adducts.

Bald eagle mortality and chlorinated hydrocarbon contaminants in livers from British Columbia, Canada, 1989-1994.

Protective action of dehydroascorbic acid on the Ah receptor-dependent and receptor-independent induction of lipid peroxidation in adipose tissue of male guinea pig caused by TCDD administration.

Determination of the sequence of the aralkyl acyl-CoA:amino acid N-acyltransferase from bovine liver mitochondria.

[The effect of Cd²⁺ on the respiration and swelling of isolated rat liver mitochondria in incubation media of different compositions].

Comparison of the toxicity of allyl alcohol, coumarin and menadione in precision-cut rat, guinea-pig, cynomolgus monkey and human liver slices.

Induction effects of polychlorinated biphenyls, polycyclic aromatic hydrocarbons and other widespread aromatic environmental pollutants on microsomal monooxygenase activities in chick embryo liver.

[Changes in the effect of Cd²⁺ on the respiration of isolated rat liver mitochondria after their preincubation with Ca²⁺, Sr²⁺, Ba²⁺, Mn²⁺ and ruthenium red].

Anisoosmotic regulation of hepatic gene expression.

Metabolism of 1,2-dichloro-1-fluoroethane and 1-fluoro-1,2,2-trichloroethane: electronic factors govern the regioselectivity of cytochrome P450-dependent oxidation.

Changes in taurine as an indicator of hepatic dysfunction and biochemical perturbations. Studies in vivo and in vitro.

The effect of 2,4-dichlorophenol on lipid peroxidation in tissues of guinea pigs with different ascorbic acid intake.

Effect of verapamil on allyl alcohol hepatotoxicity.

Strain differences in tissue repair response to 1,2-dichlorobenzene.

Regulation of metallothionein gene expression. Studies in transfected primary cultures of chick embryo liver cells.

Dose-dependent kinetics and metabolism of 1,2-dichlorobenzene in rat: effect of pretreatment with phenobarbital.

Trout liver slices for metabolism and toxicity studies.

Expression of hepatic pyruvate carboxylase mRNA in C57BL/6J Ah(b/b) and congenic Ah((d/d)) mice exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Induction of cytochromes P450 by dioxins in liver and lung of marmoset monkeys (*Callithrix jacchus*).

Effects of the nonsteroidal anti-inflammatory drug piroxicam on rat liver mitochondria.

A mechanistic model of effects of dioxin on thyroid hormones in the rat.

Tissue distribution after a single subcutaneous administration of 2,3,7,8-tetrabromodibenzo-p-dioxin in comparison with toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Wistar rats.

Modulation of chemical-induced lung and liver toxicity by all-trans-retinol in the male Sprague-Dawley rat.

Effects of modulation of sulphation and glucuronidation on chlorpropham metabolism and cytotoxicity in isolated rat hepatocytes.

Thiols metabolism is altered by the herbicides paraquat, dinoseb and 2,4-D: a study in isolated hepatocytes.

Effect of glutathione depletion on metallothionein synthesis induced by paraquat in mice.

[Paraquat-induced acute dermatitis in a child after playing with a discarded container].

Subacute toxicity of urea herbicide, isoproturon, in male rats.

Enhancement of paraquat toxicity by glutathione depletion in mice in vivo and in vitro.

Species-dependent induction of peroxisome proliferation by haloxyfop, an aryloxyphenoxy herbicide.

Antioxidative activity of 5,6,7,8-tetrahydrobiopterin and its inhibitory effect on paraquat-induced cell toxicity in cultured rat hepatocytes.

Cyanamide-associated alcoholic liver disease: a sequential histological evaluation.

Pentachlorophenol-induced oxidative DNA damage in mouse liver and protective effect of antioxidants.

Diquat-dependent protein carbonyl formation. Identification of lipid-dependent and lipid-independent pathways.

The effects of diquat and ciprofibrate on mRNA expression and catalytic activities of hepatic xenobiotic metabolizing and antioxidant enzymes in rat liver.

Enhancement of tissue lipoperoxidation in propanil-treated rats.

The herbicide dicamba (2-methoxy-3,6-dichlorobenzoic acid) is a peroxisome proliferator in rats.

Chelation of organoarsenate with dimercaptosuccinic acid.

Toxicity of cotoran (fluometuron) in Desert sheep.

Extrathyroidally mediated changes in circulating thyroid hormone concentrations in the male rat following administration of an experimental oxyacetamide (FOE 5043).

The metabolism and DNA binding of the cooked-food mutagen, 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in precision-cut rat liver slices.

On the effects of paraquat on isolated mitochondria. Evidence that paraquat causes opening of the cyclosporin A-sensitive permeability transition pore synergistically with nitric oxide.

Serum biochemical and histopathological changes related to the hepatic function in pigs following atrazine treatment.

The effects of subchronic chlorate exposure in Sprague-Dawley rats.

Mitochondrial bioenergetics is affected by the herbicide paraquat.

Olfactory toxicity of diethyldithiocarbamate (DDTC) and disulfiram and the protective effect of DDTC against the olfactory toxicity of dichlobenil.

Induction of hepatic drug-metabolizing enzymes by chlornitrofen (CNP) and CNP-amino in rats and mice.

Rapid decreases in indigenous covalent DNA modifications (I-compounds) of male Fischer-344 rat liver DNA by diquat treatment.

Cancer induction by an organic arsenic compound, dimethylarsinic acid (cacodylic acid), in F344/DuCrj rats after pretreatment with five carcinogens.

Inhibition of rat liver low Km aldehyde dehydrogenase by thiocarbamate herbicides. Occupational implications.

Lack of carcinogenicity of daminozide, alone or in combination with its contaminant 1,1-dimethylhydrazine, in a medium-term bioassay.

Effects of paraquat, dinoseb and 2,4-D on intracellular calcium and on vasopressin-induced calcium mobilization in isolated hepatocytes.

Potent protective effect of melatonin on in vivo paraquat-induced oxidative damage in rats.

Survival in a case of massive paraquat ingestion.

The influence of glutathione and detoxifying enzymes on DNA damage induced by 2-alkenals in primary rat hepatocytes and human lymphoblastoid cells.

Atrazine treatment potentiates excretion of mutagenic urine in 2,6-dinitrotoluene-treated Fischer 344 rats.

Pathogenesis of diquat-induced liver necrosis in selenium-deficient rats: assessment of the roles of lipid peroxidation and selenoprotein P.

Antioxidative roles of metallothionein and manganese superoxide dismutase induced by tumor necrosis factor-alpha and interleukin-6.

Simple method for analysis of diquat in biological fluids and tissues by high-performance liquid chromatography.

Upregulation of glucose-6-phosphate dehydrogenase in response to hepatocellular oxidative stress: studies with diquat.

The effect of protoporphyrinogen oxidase inhibitors on microsomal and mitochondrial cytochromes.

Evidence from ³²P-postlabeling and the use of pentachlorophenol for a novel metabolic activation pathway of diethylstilbestrol and its dimethyl ether in mouse liver: likely alpha-hydroxylation of ethyl group(s) followed by sulfate conjugation.

Crocetin protects against oxidative damage in rat primary hepatocytes.

Isolation and characterization of rat primary lung cells.

Excretion of F₂-isoprostanes in bile: a novel index of hepatic lipid peroxidation.

High susceptibility to paraquat-driven lipid peroxidation of cultured hepatocytes loaded with linolenic acid.

Identification of methylated metabolites of inorganic arsenic by thin-layer chromatography.

Mutagenicity of nitroscanate, an antischistosomal drug.

Metabolism of 3,5-di-*t*-butyl-4-methylphenyl N-methylcarbamate, Terbutcarb, on isolated rat hepatocytes.

Hepatic oxidative stress and related defenses during treatment of mice with acetylsalicylic acid and other peroxisome proliferators.

Metabolic activation of the olfactory toxicant, dichlobenil, in rat olfactory microsomes: comparative studies with p-nitrophenol.

Proteolysis in cultured liver epithelial cells during oxidative stress. Role of the multicatalytic proteinase complex, proteasome.

A study of gender, strain and age differences in mouse liver glutathione-S-transferase.

Effect of peroxisomes proliferators and hypolipemic agents on mitochondrial inner membrane linked D-3-hydroxybutyrate dehydrogenase (BDH).

Metabolic deactivation of the herbicide thiazopyr by animal liver esterases.

Species-specific antagonism of Ah receptor action by 2,2',5,5'-tetrachloro- and 2,2',3,3',4,4'-hexachlorobiphenyl.

Toxic equivalency factors do not predict the acute toxicities of dioxins in rats.

Biologically bounded risk assessment for receptor-mediated nongenotoxic carcinogens.

Immunotoxic effects of exposure of rats to xenobiotics via maternal lactation. Part I 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Biological activities of synthetic analogues of *Alternaria alternata* toxin (AAL-toxin) and fumonisin in plant and mammalian cell cultures.

Tissue-specific effects of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) on the activity of phosphoenolpyruvate carboxykinase (PEPCK) in rats.

PPAR: a mediator of peroxisome proliferator action.

Persistence of TCDD-induced hepatic cell proliferation and growth of enzyme altered foci after chronic exposure followed by cessation of treatment in DEN initiated female rats.

Promotion of N-nitrosodiethylamine-initiated hepatocellular tumors and hepatoblastomas by 2,3,7,8-tetrachlorodibenzo-p-dioxin or Aroclor 1254 in C57BL/6, DBA/2, and B6D2F1 mice.

Interaction of calyculin and its cyanogen bromide fragments with annexin II and glyceraldehyde 3-phosphate dehydrogenase.

Influence of xenobiotics on rainbow trout liver estrogen receptor and vitellogenin gene expression.

Intestinal rotation in experimental congenital diaphragmatic hernia.

Comparison of mouse and chick embryo liver and hepatoma cell lines as model systems used for enzymological estimation of toxicity potentials of organic pollutants.

Purification and identification of mouse lung microvessel endothelial cell-derived chemoattractant for lung-metastasizing murine RAW117 large-cell lymphoma cells: identification as mouse monocyte chemotactic protein 1.

Adaptation of Ehrlich ascites carcinoma cells to energy deprivation in vivo can be associated with heat shock protein accumulation.

Dietary exposure of mink to carp from Saginaw Bay, Michigan: 2. Hematology and liver pathology.

Regulation of CYP1A1 by indolo[3,2-b]carbazole in murine hepatoma cells.

Induction of macrophage procoagulant activity by murine hepatitis virus strain 3: role of tyrosine phosphorylation.

Negative selection in hepatic tumor promotion in relation to cancer risk assessment.

Incorporating cell proliferation kinetics into models for cancer risk assessment.

Biochemical mechanisms and cancer risk assessment models for dioxin.

Establishment of a recombinant hepatic cell line stably expressing alcohol dehydrogenase.

Influx of daunorubicin in multidrug resistant Ehrlich ascites tumour cells: correlation to expression of P-glycoprotein and efflux. Influence of verapamil.

Distribution of microsomal epoxide hydrolase and glutathione S-transferase in the rat olfactory mucosa: relevance to distribution of lesions caused by systemically-administered olfactory toxicants.

Role of lipopolysaccharide and tumor necrosis factor-alpha in induction of hepatocyte necrosis.

H-ras oncogene mutation spectra in B6C3F1 and C57BL/6 mouse liver tumors provide evidence for TCDD promotion of spontaneous and vinyl carbamate-initiated liver cells.

Sensitization to x-rays by sodium arsenite or heat in normal cells and in cells with an induced tolerance for heat and arsenite.

Human hepatoma cell mutant defective in cell surface protein trafficking.

Identification of a 120-kDa protein associated with aromatic hydrocarbon receptor nuclear translocator.

The Ah receptor recognizes DNA binding sites for the B cell transcription factor, BSAP: a possible mechanism for dioxin-mediated alteration of CD19 gene expression in human B lymphocytes.

Dioxin induces localized, graded changes in chromatin structure: implications for Cyp1A1 gene transcription.

Ferritin excretion and iron balance in humans.

Inhibition of 4-hydroxyphenylpyruvate dioxygenase by 2-(2-nitro-4-trifluoromethylbenzoyl)-cyclohexane-1,3-dione and 2-(2-chloro-4-methanesulfonylbenzoyl)-cyclohexane-1,3-dione.

Promotion of N-nitrosodimethylamine-initiated mouse lung tumors following single or multiple low dose exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Inhibition of apoptosis during 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated tumour promotion in rat liver.

Dioxin--an analysis of the major human studies: comparison with animal-based cancer risks.

Effect of a negative regulatory element (NRE) on the human CYP1A1 gene expression in breast carcinoma MCF-7 and hepatoma HepG2 cells.

Neonatal lethality associated with respiratory distress in mice lacking cytochrome P450 1A2.

Immune system impairment and hepatic fibrosis in mice lacking the dioxin-binding Ah receptor.

Enhancement of the stress response by low concentrations of arsenite in arsenite-pretreated Reuber H35 hepatoma cells.

Hepatic microsomal ethoxyresorufin O-deethylase-inducing potency in ovo and cytosolic Ah receptor binding affinity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: comparison of four avian species.

Subchronic dose-response study of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats.

Apoptosis: the in vivo mechanism which mediates spontaneous AK-5 tumor regression.

Enzyme induction by L-buthionine (S,R)-sulfoximine in cultured mouse hepatoma cells.

Suppression of cytochrome P450 (Cyp1a-1) induction in mouse hepatoma Hepa-1C1C7 cells by methoxsalen.

Modulation of TCDD-induced wasting syndrome by portocaval anastomosis and vagotomy in Long-Evans and Han/Wistar rats.

Liver tumour promoting activity of 3,4,5,3',4'-pentachlorobiphenyl and its interaction with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Possible involvement of the Ah receptor in the induction of cytochrome P-450IA1 under conditions of hydrodynamic shear in microcarrier-attached hepatoma cell lines.

Correlation between toxicity and effects on intermediary metabolism in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated male C57BL/6J and DBA/2J mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) distribution and cytochrome P4501A induction in young adult and senescent male mice.

Orientation of the heterodimeric aryl hydrocarbon (dioxin) receptor complex on its asymmetric DNA recognition sequence.

A cytokeratin 8-like protein with plasminogen-binding activity is present on the external surfaces of hepatocytes, HepG2 cells and breast carcinoma cell lines.

Comparison of expression of aldehyde dehydrogenase 3 and CYP1A1 in dominant and recessive aryl hydrocarbon hydroxylase-deficient mutant mouse hepatoma cells.

Enrichment with arachidonic acid increases the sensitivity of hepatoma cells to the cytotoxic effects of oxidative stress.

Identification of 3'-methoxy-4'-nitroflavone as a pure aryl hydrocarbon (Ah) receptor antagonist and evidence for more than one form of the nuclear Ah receptor in MCF-7 human breast cancer cells.

The effects of acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on glioma-specific cytotoxic T-cell activity in Fischer 344 rats.

A morphological study of liver lesions in *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) with special reference to apoptosis of hepatocytes.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on tryptophan and glucose homeostasis in the most TCDD-susceptible and the most TCDD-resistant species, guinea pigs and hamsters.

Renal tumorigenicity of 1,1-dichloroethene in mice: the role of male-specific expression of cytochrome P450 2E1 in the renal bioactivation of 1,1-dichloroethene.

Survival after a severe iron poisoning treated with intermittent infusions of deferoxamine.

The importance of pharmacokinetics in determining the relative potency of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,7,8-tetrachlorodibenzofuran.

Mechanisms of the formation and disposition of reactive metabolites that can cause acute liver injury.

Immunosuppressive potential of several polycyclic aromatic hydrocarbons (PAHs) found at a Superfund site: new model used to evaluate additive interactions between benzo[a]pyrene and TCDD.

Sodium arsenite and heat shock induce stress proteins in precision-cut rat liver slices.

Evaluation of the cytotoxicity of 10 chemicals in human and rat hepatocytes and in cell lines: Correlation between in vitro data and human lethal concentration.

Human cytochromes P4501A1 and P4501A2: R-warfarin metabolism as a probe.

Enzymatic methylation of arsenic compounds: assay, partial purification, and properties of arsenite methyltransferase and monomethylarsonic acid methyltransferase of rabbit liver.

Receptor-mediated toxicity.

Factors influencing the protein binding of YH-439 using an equilibrium dialysis technique. A new hepatoprotective agent.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits DNA synthesis in rat primary hepatocytes.

Measurement of nitric oxide synthase activity in sections of rat liver.

Response of [Ah] battery genes to compounds that protect against menadione toxicity.

2,3,7,8-Tetrachlorodibenzo-p-dioxin blocks the physiological regulation of hepatic phosphoenolpyruvate carboxykinase activity in primary rat hepatocytes.

Loss of mitochondrial membrane potential is not essential to hepatocyte killing by allyl alcohol.

Dog liver microsomal P450 enzyme-mediated toluene biotransformation.

11 beta-hydroxysteroid dehydrogenase is an exclusive 11 beta- reductase in primary cultures of rat hepatocytes: effect of physicochemical and hormonal manipulations.

Rainbow trout hepatic mixed-function oxygenase induction by polychlorinated dibenzo-p-dioxins (PCDDs) as a function of time and tissue concentration.

Amino-acid sequence of rat liver kynureninase.

Induction of hepatic CYP1A2 by the oral administration of caffeine to rats: lack of association with the Ah locus.

Screening assay for dioxin-like compounds based on competitive binding to the murine hepatic Ah receptor. 2. Application to environmental samples.

Screening assay for dioxin-like compounds based on competitive binding to the murine hepatic Ah receptor. 1. Assay development.

Purification and application of a single-chain Fv antibody fragment specific to hepatitis B virus surface antigen.

Inhibition of gap junctional intercellular communication by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rat hepatocytes.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) to the human thymus after implantation in SCID mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces diverse retinoic acid metabolites in multiple tissues of the Sprague-Dawley rat.

Picrotoxin is a CYP1A1 inducer in rainbow trout hepatocytes.

Electrophile and antioxidant regulation of enzymes that detoxify carcinogens.

Transport of dehydroepiandrosterone and dehydroepiandrosterone sulphate into rat hepatocytes.

Bivascular liver perfusion in the anterograde and retrograde modes: zonation of the response to inhibitors of oxidative phosphorylation.

Peroxisomal membrane protein PMP68 of mouse liver: cloning of a cDNA encompassing the nucleotide binding fold and epitope mapping of monoclonal antibodies to the expressed protein.

Enhanced phosphorylation of nuclear 21-kDa and 34-kDa proteins in hepatoma cell death induced by tumor-necrosis factor-alpha.

Enhanced effectiveness of dimethyl-4,4'-dimethoxy-5,6,5',6'-dimethylene dioxybiphenyl-2,2'-dicarboxylate in combination with garlic oil against experimental hepatic injury in rats and mice.

Effects of gestational and lactational exposure to coplanar polychlorinated biphenyl (PCB) congeners or 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on thyroid hormone concentrations in weanling rats.

Cyclophosphamide: review of its mutagenicity for an assessment of potential germ cell risks.

Toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats including placental and lactational transfer to fetuses and neonates.

Inhibitory effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on rat hepatocyte proliferation induced by 2/3 partial hepatectomy.

Octanoate affects 2,4-dinitrophenol uncoupling in intact isolated rat hepatocytes.

Purification and characterization of hepatic oligosaccharyltransferase.

Halogenated aromatic hydrocarbons and toxicity equivalency factors (TEFs) from the public health assessment perspective.

Cytochromes P450 in cynomolgus monkeys mutagenically activate 2-amino-3-methylimidazo[4,5-f]quinoline (IQ) but not 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline (MeIQx).

A stereotypic, transplantable liver tissue-culture system.

Identification of Asp258 as the metal coordinate of pigeon liver malic enzyme by site-specific mutagenesis.

Rat CYP1B1: an adrenal cytochrome P450 that exhibits sex-dependent expression in livers and kidneys of TCDD-treated animals.

Relative potencies of induction of hepatic drug-metabolizing enzyme genes by individual PCB congeners.

TCDD reduces rat hepatic epidermal growth factor receptor: comparison of binding, immunodetection, and autophosphorylation.

Regulation of the Ah gene battery via Ah receptor-dependent and independent processes in cultured adult rat hepatocytes.

Alterations in thyroid function in female Sprague-Dawley rats following chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Participation of small intraportal stem cells in the restitutive response of the liver to periportal necrosis induced by allyl alcohol.

Characterization of the Ah receptor from human placental tissue.

Growth hormone signaling leading to CYP2C12 gene expression in rat hepatocytes involves phospholipase A2.

Inhibition of DNA synthesis in primary cultures of adult rat hepatocytes by benzo[a]pyrene and related aromatic hydrocarbons: role of Ah receptor-dependent events.

Comparison of the primary structure of nuclear and mitochondrial glutamate dehydrogenase from bovine liver.

A metabolite of carcinogenic 2-acetylaminofluorene, 2-nitrosofluorene, induces redox cycling in mitochondria.

Depletion of neutrophils and modulation of Kupffer cell function in allyl alcohol-induced hepatotoxicity.

Potency of mixtures of polychlorinated biphenyls as inducers of dioxin receptor-regulated CYP1A activity in rat hepatocytes and H4IIE cells.

Sulphated proteoglycan is required for collecting duct growth and branching but not nephron formation during kidney development.

The interactions between retinol and five different hepatotoxicants in the Swiss Webster mouse.

Induction of cytochrome P450 isoenzymes after toxicokinetic interactions between 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,2',4,4',5,5'-hexachlorobiphenyl in the liver of the mouse.

Comparative metabolism and toxicity of dichlorobenzenes in Sprague-Dawley, Fischer-344 and human liver slices.

Reaction of glutathione with the electrophilic metabolites of 1,1-dichloroethylene.

Identification of essential lysyl and cysteinyl residues, and the amino acid sequence at the substrate-binding site of retinal oxidase.

A human erythrocyte-derived growth-promoting factor with a wide target cell spectrum: identification as catalase.

Dioxin activates HIV-1 gene expression by an oxidative stress pathway requiring a functional cytochrome P450 CYP1A1 enzyme.

Up-regulation of CYP2A5 expression by porphyrinogenic agents in mouse liver.

Effects of the herbicide chlorthiamid on the olfactory mucosa.

Induction of CYP1A and glutathione S-transferase activities by 2,3,7,8-tetrachlorodibenzo-p-dioxin in human hepatocyte cultures.

Subchronic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and their reversibility in male Sprague-Dawley rats.

Effects of magnesium and iron on lipid peroxidation in cultured hepatocytes.

DNA binding of the transformed guinea pig hepatic Ah receptor complex: identification and partial characterization of two high-affinity DNA-binding forms.

[Morphologic characteristics of the thymus in pregnant and newborn mice exposed to sodium arsenite].

Mechanism for drug absorption from rat-liver surface membrane: effect of dose and transport inhibitors on the pharmacokinetics of phenol red.

Protective effect of oleanolic acid against chemical-induced acute necrotic liver injury in mice.

Polyfluorinated dibenzodioxins and dibenzofurans--synthesis, analysis, formation and toxicology.

Dose-response relationships of tissue distribution and induction of CYP1A1 and CYP1A2 enzymatic activities following acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice.

Phenotypic variability in induction of P-glycoprotein mRNA by aromatic hydrocarbons in primary human hepatocytes.

Arsenic increased lipid peroxidation in rat tissues by a mechanism independent of glutathione levels.

Collagen and fibronectin immobilization on PHEMA microcarriers for hepatocyte attachment.

The hepatocellular metabolism of 4-hydroxynonanal by alcohol dehydrogenase, aldehyde dehydrogenase, and glutathione S-transferase.

CYP1 induction, binding to the hepatic aromatic hydrocarbon receptor and mutagenicity of a series of 11-alkoxy cyclopenta[a]phenanthren-17-ones: a structure activity relationship.

Alcohol:NAD⁺ oxidoreductase is present in rat liver peroxisomes.

The influence of ascorbic acid on the hepatic cytochrome P-450, and glutathione in guinea-pigs exposed to 2,4-dichlorophenol.

Comparative toxicity of four chlorinated dibenzo-p-dioxins (CDDs) and their mixture. IV. Determination of liver concentrations.

Allyl alcohol cytotoxicity in isolated rat hepatocytes: effects of azide, fasting, and fructose.

Fish oil enhances pentachlorobenzene metabolism and reduces its accumulation in rats.

Carbamylation decreases the cytotoxicity but not the drug-carrier properties of polylysines.

Four generation reproductive toxicity study with 2,3,7,8-tetrachlorodibenzo-P-dioxin (TCDD) in rats. I. Toxicokinetic variations in dams and offspring.

Effects of pesticides on isolated rat hepatocytes, mitochondria, and microsomes II.

Analysis of 4-hydroxycyclophosphamide in human blood.

Quinone methide formation from para isomers of methylphenol (cresol), ethylphenol, and isopropylphenol: relationship to toxicity.

Aromatic hydrocarbon receptor in cultured fetal cells from C57BL/6J and DBA/2J mice: similarity in molecular mass to receptors in adult livers.

Selective increase of rat lung cytochrome P450 1A1 dependent monooxygenase activity after acute sodium arsenite administration.

Identification of urinary metabolites of human subjects exposed to o-dichlorobenzene.

Tyrosine kinase inhibitors potentiate the induction of low density lipoprotein receptor gene expression by hepatocyte growth factor.

Metabolism and genotoxicity of the halogenated alkyl compound tris(2,3-dibromopropyl)phosphate.

Protoporphyrinogen accumulation in cultured hepatocytes treated with the diphenyl ether herbicide, acifluorfen.

Application of the kinetic of RNA synthesis on Hep 3B cells. Study of the medium-term cytotoxicity of atrazine.

Nephrotoxicity and hepatotoxicity of 5,6-dichloro-4-thia-5-hexenoic acid: evidence for fatty acid beta-oxidation-dependent bioactivation.

Effect of selenium deficiency and glutathione-modulating agents on diquat toxicity and lipid peroxidation in rats.

Effect of aldehyde dehydrogenase and alcohol dehydrogenase inhibitors and ethanol on blood and liver ketone bodies in the rat.

Assay of linuron and a pesticide mixture commonly found in the Italian diet, for promoting activity in rat liver carcinogenesis.

Evaluation of liver protein due to stress under 2,4-D intoxication in *Channa punctatus* (Bloch.).

Interactions of herbicides 2,4-D and dinoseb with liver mitochondrial bioenergetics.

Studies on the mechanism of the carcinogenic activity of amitrole.

Cinnamaldehyde-induced micronuclei in rodent liver.

Defence capacity modulation of human hepatoma cell line Hep 3B by three pesticides.

Diquat- and acetaminophen-induced alterations of biliary efflux of iron in rats.

Assessment of lipid peroxidation associated with lung damage induced by oxidative stress. In vivo and in vitro studies.

Effect of ethanol on paraquat toxicity in F344 rats.

Effects of pentachlorophenol (PCP) on the pituitary and thyroidal hormone regulation in the rat.

Biliary excretion of lysosomal enzymes, iron, and oxidized protein in Fischer-344 and Sprague-Dawley rats and the effects of diquat and acetaminophen.

[Alteration of lipid peroxidation and the activity of peroxide metabolism enzymes in the liver, kidney and lung following the administration of paraquat in mice].

Metabolic alterations in hepatocytes promoted by the herbicides paraquat, dinoseb and 2,4-D.

[The enzymes of mono-oxygenase oxidation in the lymphocytes and liver of persons subjected to chlorophenoxy herbicide exposure].

Effect of Tordon 2,4-D 64/240 triethanolamine BR on the energy metabolism of rat liver mitochondria.

Methemoglobinemia following ingestion of a monolinuron/paraquat herbicide (Gramonol).

Aldehyde dehydrogenase of mice inhibited by thiocarbamate herbicides.

Role of hydrogen peroxide in hypoxia-induced erythropoietin production.

Activation of the liver carcinogen 2-nitropropane by aryl sulfotransferase.

[The effect of the activation of lipid peroxidation on the structure of extraembryonic organs and the liver in rats at different periods of ontogeny].

The pentachlorophenol metabolite tetrachloro-p-hydroquinone induces the formation of 8-hydroxy-2-deoxyguanosine in liver DNA of male B6C3F1 mice.

Aminotriazole is a potent inhibitor of alpha-oxidation of 3-methyl-substituted fatty acids in rat liver.

Tamoxifen: evidence by ³²P-postlabeling and use of metabolic inhibitors for two distinct pathways leading to mouse hepatic DNA adduct formation and identification of 4-hydroxytamoxifen as a proximate metabolite.

Dietary butylated hydroxytoluene counteracts with paraquat to reduce the rate of hepatic DNA single strand breaks in senescence-accelerated mice.

Detection of exocyclic 1,N²-propanodeoxyguanosine adducts as common DNA lesions in rodents and humans.

Competitive inhibition of human liver microsomal cytochrome P450 3A-dependent steroid 6 beta-hydroxylation activity by cyclophosphamide and ifosfamide in vitro.

In vitro biotransformation of thiazopyr by rat liver microsomes: oxidative cleavage of a carboxylic methylester by monooxygenases.

Effect of the protoporphyrinogen oxidase-inhibiting herbicide fomesafen on liver uroporphyrin and heptacarboxylic porphyrin in two mouse strains.

Role of iron and glutathione redox cycle in acetaminophen-induced cytotoxicity to cultured rat hepatocytes.

Evaluation of commercial immunoassays for the detection of alachlor in milk, eggs and liver.

Strong intensification of mouse hepatic tamoxifen DNA adduct formation by pretreatment with the sulfotransferase inhibitor and ubiquitous environmental pollutant pentachlorophenol.

Metabolic fate of S,S,S-tributyl phosphorotrithioate (DEF) in the lactating goat.

The role of sulfation and/or acetylation in the metabolism of the cooked-food mutagen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in *Salmonella typhimurium* and isolated rat hepatocytes.

Genotoxicity of the alkenylbenzenes alpha- and beta-asarone, myristicin and elimicin as determined by the UDS assay in cultured rat hepatocytes.

Effects of aldehyde dehydrogenase and glutathione on the degradation of (E)-4-hydroxy-2-nonenal and N-hexanal in rat liver.

Effect of paraquat on the malondialdehyde level in rat liver microsomes (in vitro).

Suspension-mediated induction of Hepa 1c1c7 Cyp1a-1 expression is dependent on the Ah receptor signal transduction pathway.

Hepatocyte growth factor/scatter factor induces tyrosine phosphorylation of focal adhesion kinase (p125FAK) and promotes migration and invasion by oral squamous cell carcinoma cells.

Characterization of a thioredoxin-related surface protein.

Inhibition of intercellular communication by 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like PCBs in mouse hepatoma cells (Hepa1c1c7): involvement of the Ah receptor.

The effect of 1,2,3,4-tetrachlorodibenzo-p-dioxin on drug-metabolizing enzymes in the rat liver.

The importance of biological realism in dioxin risk assessment models.

Inhibition of mammalian protoporphyrinogen oxidase by acifluorfen.

Transcriptional activation function of the mouse Ah receptor nuclear translocator.

Stressor-specific induction of heat shock proteins in rat hepatoma cells.

Regulation of [Ah] gene battery enzymes and glutathione levels by 5,10-dihydroindeno[1,2-b]indole in mouse hepatoma cell lines.

Dose response and time course of alterations in tryptophan metabolism by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the most TCDD-susceptible and the most TCDD-resistant rat strain: relationship with TCDD lethality.

A protective effect of glutathione-dextran macromolecular conjugates on acetaminophen-induced hepatotoxicity dependent on molecular size.

2-Phenylphenanthridinone and related compounds: aryl hydrocarbon receptor agonists and suicide inactivators of P4501A1.

Interactive regulation of Ah and glucocorticoid receptors in the synergistic induction of cleft palate by 2,3,7,8-tetrachlorodibenzo-p-dioxin and hydrocortisone.

Effect of 1,2,4-trichlorodibenzo-p-dioxin on drug-metabolizing enzymes in the rat liver.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the hepatic 7-ethoxyresorufin O-deethylase activity in four rodent species.

Toxic potency of 3,3',4,4',5-pentachlorobiphenyl relative to and in combination with 2,3,7,8-tetrachlorodibenzo-p-dioxin in a subchronic feeding study in the rat.

Aberrant CYP1A1 induction: discrepancy of CYP1A1 mRNA and aryl hydrocarbon hydroxylase activity in mutant cells of mouse hepatoma line, Hepa-1.

Morbidity follow up study of BASF employees exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) after a 1953 chemical reactor incident.

Effect of ethanol and sodium arsenite on HSP-72 formation and on survival in a murine endotoxin model.

Toxic potency of 2,3,3',4,4',5-hexachlorobiphenyl relative to and in combination with 2,3,7,8-tetrachlorodibenzo-p-dioxin in a subchronic feeding study in the rat.

Apoptosis and chemical carcinogenesis.

Effects of 2,3,7,8-tetrachloro- and 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin on the proliferation of preneoplastic liver cells in the rat.

The function of heat-shock proteins in stress tolerance.

Coxsackievirus B3 infection alters the uptake of 2,3,7,8-tetrachlorodibenzo-p-dioxin into various tissues of the mouse.

In vivo and in vitro 4-amino-2,6-dichlorophenol nephrotoxicity and hepatotoxicity in the Fischer 344 rat.

Human NAD(P)H:quinone oxidoreductase2. Gene structure, activity, and tissue-specific expression.

Short and long term effects of cytoskeleton-disrupting drugs on cytochrome P450 Cyp1a-1 induction in murine hepatoma 1c1c7 cells: suppression by the microtubule inhibitor nocodazole.

[SMANCS/lipiodol].

Tumor-promoting effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and phenobarbital in initiated weanling Sprague-Dawley rats: a quantitative, phenotypic, and ras p21 protein study.

Photoaffinity labeling of the Ah receptor with 3-[³H]methylcholanthrene and formation of a 165-kDa complex between the ligand-binding subunit and a novel cytosolic protein.

2,3,7,8-Tetrachlorodibenzo-p-dioxin versus 3-methylcholanthrene: comparative studies of Ah receptor binding, transformation, and induction of CYP1A1.

Characterization of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced brain serotonin metabolism in the rat.

Co-expression of human CYP1A1 and a human analog of cytochrome P450-EF in response to 2,3,7,8-tetrachloro-dibenzo-p-dioxin in the human mammary carcinoma-derived MCF-7 cells.

Monitoring biological effects of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in great blue heron chicks (*Ardea herodias*) in British Columbia.

A cellular factor stimulates ligand-dependent release of hsp90 from the basic helix-loop-helix dioxin receptor.

Induction of heat-shock protein synthesis and thermotolerance in EL-4 ascites tumor cells by transient ATP depletion after ischemic stress.

Suppression of TCDD-induced cytochrome P450 IA1 activity by staurosporine in mouse primary hepatocyte cultures and hepatoma cells.

The human CYP1A2 gene and induction by 3-methylcholanthrene. A region of DNA that supports AH-receptor binding and promoter-specific induction.

Promotion of preneoplastic foci in rat liver with 2,3,7,8-tetrachlorodibenzo-p-dioxin, 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin and a defined mixture of 49 polychlorinated dibenzo-p-dioxins.

Regulation of human dioxin receptor function by indolocarbazoles, receptor ligands of dietary origin.

Biological effects of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in double-crested cormorant chicks (*Phalacrocorax auritus*).

Developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the most TCDD-resistant and -susceptible rat strains.

alpha-Fucose-mediated binding and degradation of tissue-type plasminogen activator by HepG2 cells.

A toxic equivalency factor scale for polychlorinated dibenzofurans.

Isolation of a cDNA clone specifying rat chaperonin 10, a stress-inducible mitochondrial matrix protein synthesised without a cleavable presequence.

2,3,7,8-Tetrachlorodibenzo-p-dioxin as growth modulator in mouse hepatocytes with high and low affinity Ah receptor.

Dose-response relationship in multistage carcinogenesis: promoters.

Multiple mechanisms are responsible for altered expression of gap junction genes during oncogenesis in rat liver.

Porphyrin studies in TCDD-exposed workers.

Liver iron quantification: studies in aqueous iron solutions, iron overloaded rats, and patients with hereditary hemochromatosis.

A model of effects of TCDD on expression of rat liver proteins.

Dose-response and risk assessment considerations for receptor-mediated effects: case study with a TCDD hepatic tumor promotion model.

Combining estimates of the odds ratio: the state of the art.

Thyroid hormones and regulation of cell reliability systems.

The rice culture filtrate of *Bacillus cereus* isolated from emetic-type food poisoning causes mitochondrial swelling in a HEp-2 cell.

Peri- and postnatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: effects on physiological development, reflexes, locomotor activity and learning behaviour in Wistar rats.

Relationship between acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and disturbance of intermediary metabolism in the Long-Evans rat.

Mechanisms of chemical injury of thyroid gland.

A targeting model of boron neutron-capture therapy to hepatoma cells in vivo with a boronated anti-(alpha-fetoprotein) monoclonal antibody.

Could the cytokeratin molecule be modulated during tumor transformation in hepatocellular carcinoma?

NTP Toxicology and Carcinogenesis Studies of 4,4'-Thiobis(6-*t*-butyl-*m*-cresol) (CAS No. 96-69-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Purification of NADPH-dependent dehydroascorbate reductase from rat liver and its identification with 3 alpha-hydroxysteroid dehydrogenase.

Additive binding of polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin to the murine hepatic Ah receptor.

Immobilization, characterization, and laboratory-scale application of bovine liver arginase.

Lipid peroxidation and chemiluminescence during naproxen metabolism in rat liver microsomes.

Purification and characterization of a cytosolic thyroid-hormone-binding protein (CTBP) in *Xenopus* liver.

Identification of hepatocytes as the major locus of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced CYP1-related P450s, TCDDAA and TCDDAHH, in chick embryo liver.

Effect on tissue vitamin A levels in the rat following subchronic exposure to four individual PCB congeners (IUPAC 77, 118, 126, and 153).

Accumulation and persistence of individual polychlorinated biphenyl congeners in liver, blood, and adipose tissue of rats following dietary exposure to Aroclor 1254.

Immunohistochemical double-staining for Ah receptor and ARNT in human embryonic palatal shelves.

Use of a selective inhibitor of liver carnitine palmitoyltransferase I (CPT I) allows quantification of its contribution to total CPT I activity in rat heart. Evidence that the dominant cardiac CPT I isoform is identical to the skeletal muscle enzyme.

Effect of rate of intracellular transport and diacytosis on cytotoxicity of hybrid toxins. Study with hybrids using hepatic asialoglycoprotein receptor-mediated endocytosis.

Accumulation of polychlorinated dibenzo-p-dioxins and dibenzofurans in liver of control laboratory rats.

Review of the safety assessment of polychlorinated biphenyls (PCBs) with particular reference to reproductive toxicity.

Ca(2+)-loading modulates potencies of cyclosporin A, Mg²⁺ and ADP to recouple permeabilized rat liver mitochondria.

[The effect of lipid peroxidation on the lipid and phospholipid composition of mitochondrial membranes during thermal incubation].

Lack of response of the rat liver "class 3" cytosolic aldehyde dehydrogenase to toxic chemicals, glutathione depletion, and other forms of stress.

Tissue specific expression of the rat Ah-receptor and ARNT mRNAs.

Comparative study of the hepatoprotective effect of silymarin and silybin on isolated rat hepatocytes.

Effect of glutathione depletion and inhibition of glucuronidation and sulfation on 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) metabolism, PhIP-DNA adduct formation and unscheduled DNA synthesis in primary rat hepatocytes.

Glutathione depletion induced in rat liver fractions by seven pesticides.

Comparative kinetic study of the binding between 2,3,7,8-tetrachlorodibenzo-p-dioxin and related ligands with the hepatic Ah receptors from several rodent species.

An inhibitory factor in rat thymus which interferes with binding of cytosol Ah receptor to xenobiotic responsive element.

A volume-activated taurine channel in skate hepatocytes: membrane polarity and role of intracellular ATP.

Purification and characterization of glutathione-dependent dehydroascorbate reductase from rat liver.

Primary structure and tetrahydropteroylglutamate binding site of rabbit liver cytosolic 5,10-methenyltetrahydrofolate synthetase.

A pharmacodynamically responsive model of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) transfer between liver and fat at low and high doses.

Peptide mapping of the subunits and deglycosylated polypeptides of human liver alpha-L-fucosidase.

Hepatobiliary disposition of 3'-azido-3'-deoxythymidine (AZT) in the rat: effect of phenobarbitone induction.

Effect of pretreatment of rats with uracil on liver injuries induced by D-galactosamine and allyl alcohol.

K(+)-linked release of oxidized glutathione induced by tert-butyl hydroperoxide in perfused rat liver is independent of lipid peroxidation and cell death.

Purification and amino- and carboxyl-terminal amino acid sequences of alanine-glyoxylate transaminase 1 from human liver.

Affinity cleavage at the putative metal-binding site of pigeon liver malic enzyme by the Fe(2+)-ascorbate system.

Induction of tamoxifen-4-hydroxylation by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), beta-naphthoflavone (beta NF), and phenobarbital (PB) in avian liver: identification of P450 TCDDAA as catalyst of 4-hydroxylation induced by TCDD and beta NF.

Congener-specific data of polychlorinated biphenyl residues in human adipose tissue in Poland.

Isolation of phosphorylated calmodulin from rat liver and identification of the in vivo phosphorylation sites.

Mutagenicity and CYP1A induction by azobenzenes correlates with their carcinogenicity.

Biphasic modulation of protein kinase C (PKC) activity by polychlorinated dibenzo-p-dioxins (PCDDs) in serum-deprived rat aortic smooth muscle cells.

Acetaldehyde exposure causes growth inhibition in a Chinese hamster ovary cell line that expresses alcohol dehydrogenase.

Mouse cytochrome P-450EF, representative of a new 1B subfamily of cytochrome P-450s. Cloning, sequence determination, and tissue expression.

Ah receptor in embryonic mouse palate and effects of TCDD on receptor expression.

Mechanisms of impaired hepatic fatty acid metabolism in rats with long-term bile duct ligation.

Stimulation of collagen alpha 1(I) gene expression is associated with lipid peroxidation in hepatocellular injury: a link to tissue fibrosis?

Comparative oxidation of 2-propyn-1-ol with other low molecular weight unsaturated and saturated primary alcohols by bovine liver catalase in vitro.

Hepatic uptake and metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,7,8-tetrachlorodibenzofuran.

The effect of Chinese hepatoprotective medicines on experimental liver injury in mice.

Comparison of the ATPase activities of bovine heart and liver mitochondrial ATP synthases with different tissue-specific gamma subunit isoforms.

Tissue-specific constitutive and inducible expression of rat phenol UDP-glucuronosyltransferase.

Acetylsalicylate (ASA)-induced mitochondrial dysfunction and its potentiation by Ca²⁺.

Hepatoprotective mechanism of silymarin: no evidence for involvement of cytochrome P450 2E1.

Comparative cytotoxicity between butylated hydroxytoluene and its methylcarbamate derivative, terbucarb, on isolated rat hepatocytes.

Fungal metabolites. X. The effect of peptide antibiotics, trichosporin-Bs, on the respiratory activity of mitochondria.

Enzymatic reduction of xenobiotic alpha,beta-unsaturated ketones: formation of allyl alcohol metabolites from shogaol and dehydroparadol.

Isolation and structure of a third form of liver microsomal flavin monooxygenase.

Effect of dietary turmeric (*Curcuma longa*) on iron-induced lipid peroxidation in the rat liver.

Cresol isomers: comparison of toxic potency in rat liver slices.

Consequences of 3-methylcholanthrene-type induction for the metabolism of 4-aminobiphenyl in isolated rat hepatocytes.

Serum modulation of the effects of TCDD on the in vitro antibody response and on enzyme induction in primary hepatocytes.

Protection by ascorbic acid against oxidative injury of isolated hepatocytes.

Purification and biochemical characterization of two major cytochrome P-450 isoforms induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in chick embryo liver.

Acute cytotoxicity of ten chemicals in human and rat cultured hepatocytes and in cell lines: Correlation between in vitro data and human lethal concentrations.

Microheterogeneity in glycosylphosphatidylinositol anchor structures of bovine liver 5'-nucleotidase.

Structural relation between HDL-binding proteins in porcine liver.

[Stimulation of respiration in liver mitochondria by glucose in the absence of hexokinase activity. The effect of saccharose and several inhibitors of oxidative phosphorylation].

Controversial role of intracellular iron in the mechanisms of chemically-induced hepatotoxicity.

The effects of anti-TNF-alpha antibody and dexamethasone on TCDD-induced oxidative stress in mice.

Toxicity of bile acids on the electron transport chain of isolated rat liver mitochondria.

Dithiothreitol reversal of allyl alcohol cytotoxicity in isolated rat hepatocytes.

Effect of Paraquat Administration on Antioxidative Enzyme Activities and Oxidative Damage in the Blood and Liver of Senescence-accelerated Mice.

Hepatic Phosphoglucomutase Activity as a Marker of Oxidative Stress Induced by Pro-oxidative Drugs.

NTP Toxicology and Carcinogenesis Studies of o-Benzyl-p-Chlorophenol (CAS No. 120-32-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Ferritin stimulation of hydroxyl radical production by rat liver nuclei.

Cyclophosphamide-induced lung toxicity: mechanism of endothelial cell injury.

Dose-response relationships in mice following subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: CYP1A1, CYP1A2, estrogen receptor, and protein tyrosine phosphorylation.

Obesity decreases hepatic glutathione concentrations and markedly potentiates allyl alcohol-induced periportal necrosis in the overfed rat.

Purification and characterization of hepatic microsomal NADPH cytochrome c reductase from rhesus monkey (*Macaca mulatta*).

Effect of a mixture of 15 commonly used pesticides on DNA levels of 8-hydroxy-2-deoxyguanosine and xenobiotic metabolizing enzymes in rat liver.

Allyl alcohol cytotoxicity in isolated rat hepatocytes: mechanism of cell death does not involve an early rise in cytosolic free calcium.

Effect of low-intensity argon laser irradiation on mitochondrial respiration.

Lack of alachlor induced DNA damage as assayed in rodent liver by the alkaline elution test.

[The place of pentachlorophenol in general medicinal practice].

Effects of 2-[1-(ethoxyimino)propyl]-3-hydroxy-5-(2,4,6-trimethylphenyl) cyclohex-2-enone on hepatic haem biosynthesis: species differences in hepatic porphyria.

Mechanism of cytotoxicity of paraquat. II. Organ specificity of paraquat-stimulated lipid peroxidation in the inner membrane of mitochondria.

Hepatic alterations in experimental paraquat intoxication.

Viral infections and chemical exposures as risk factors for hepatocellular carcinoma in Vietnam.

[Binding of toxic substances and suppression of their toxicities by albumin--studies on psychosine and pentachlorophenol].

Distribution and elimination of the herbicide propanil in the channel catfish (*Ictalurus punctatus*).

Phototoxic contact dermatitis with toxic hepatitis due to the percutaneous absorption of paraquat.

Induction of hepatic drug metabolizing enzymes and interaction with carbon tetrachloride in rats after a single oral exposure to atrazine.

Effects of 2,4-dichlorophenoxyacetic acid butyl ester on chick liver.

Redox cycling and hepatotoxicity of diquat in aging male Fischer 344 rats.

[The combination effects of quercetin with the herbicides atrazine, cyanazine and gesamprim in mutagenicity tests].

Genotoxicity testing of the herbicide Roundup and its active ingredient glyphosate isopropylamine using the mouse bone marrow micronucleus test, Salmonella mutagenicity test, and Allium anaphase-telophase test.

Effects of paraquat on Mg(2+)-ATPase activity in rat liver.

Biochemical and toxicological studies on the mixtures of three commonly-used herbicides in mice.

Effects on thyroid hormone metabolism and depletion of lung vitamin A in rats by airborne particulate matter.

Haemotoxic effect of phenylurea herbicides in rats: role of haemoglobin-adduct formation in splenic toxicity.

[Experimental research on the toxicity of the product orthochlorobenzene sulfur chloride].

Acrolein increases airway sensitivity to substance P and decreases NEP activity in guinea pigs.

Toxicological and immune findings in workers exposed to pentachlorophenol (PCP).

An epidemiological study of the health of Sri Lankan tea plantation workers associated with long term exposure to paraquat.

Oxidative stress in fish cells: in vitro studies.

Diquat-induced oxidative damage in BCNU-pretreated hepatocytes of mature and old rats.

Effect of diphenyl ether herbicides and oxadiazon on porphyrin biosynthesis in mouse liver, rat primary hepatocyte culture and HepG2 cells.

Role of free radicals in toxic hepatic injury. II. Are free radicals the cause of toxin-induced liver injury?

Zonal distribution of protein-acetaldehyde adducts in the liver of rats fed alcohol for long periods.

The mechanisms by which mild respiratory chain inhibitors inhibit hepatic gluconeogenesis.

Effect of indomethacin, aspirin, nordihydroguaiaretic acid, and piperonyl butoxide on cyclophosphamide-induced bladder damage.

Increase in liver microsomal glutathione S-transferase activity by phenobarbital treatment of rats. Possible involvement of oxidative activation via cytochrome P450.

Ascorbic acid uptake by isolated rat hepatocytes. Stimulatory effect of diquat, a redox cycling compound.

In vivo effects of disulfiram and cyanamide on canine liver aldehyde dehydrogenase isoenzymes as detected by high-performance (pressure) liquid chromatography.

Toxicokinetics and metabolism of linuron in rabbit: in vivo and in vitro studies.

Metabolism of N-[4-chloro-2-fluoro-5-[(1-methyl-2-propynyl)oxy]phenyl]-3,4,5,6-tetrahydrophthalimide (S-23121) in the rat. II. Absorption, disposition, excretion and biotransformation.

A comparative study of effects of atrazine on xenobiotic metabolizing enzymes in fish and insect, and of the in vitro phase II atrazine metabolism in some fish, insects, mammals and one plant species.

Roles of different forms of cytochrome P450 in the activation of the promutagen 6-aminochrysene to genotoxic metabolites in human liver microsomes.

[N-demethylation and denitrosation activity of the rat liver, thymus lymphocytes and spleen after exposure to simazine and sodium nitrite].

Inhibition of rat hepatic mitochondrial aldehyde dehydrogenase isozymes by repeated cyanamide administration: pharmacokinetic-pharmacodynamic relationships.

Cyclophosphamide modulates rat hepatic cytochrome P450 2C11 and steroid 5 alpha-reductase activity and messenger RNA levels through the combined action of acrolein and phosphoramidate mustard.

Tissue distribution and excretion of ¹⁴C-labelled cinnamic aldehyde following single and multiple oral administration in male Fischer 344 rats.

Is hydrogen peroxide involved in the benzyl viologen-mediated in-vivo inactivation of rat liver glutamine synthetase?

Ethanol metabolism in isolated hepatocytes. Effects of methylene blue, cyanamide and penicillamine on the redox state of the bound coenzyme and on the substrate exchange at alcohol dehydrogenase.

Metabolic activation of tris(2,3-dibromopropyl)phosphate to reactive intermediates. I. Covalent binding and reactive metabolite formation in vitro.

[In vitro studies of the metabolism of paraquat and diquat using rat liver homogenates--isolation and identification of the metabolites of paraquat and diquat].

Molecular mechanisms of dibromoalkane cytotoxicity in isolated rat hepatocytes.

Lack of stereoselectivity in rat liver peroxisomal enzyme induction by optically active phenoxyacetic acids.

Evidence for peroxidase-mediated metabolism of cyclophosphamide.

Erythropoietin increases hemoglobin in cancer patients during radiation therapy.

Dose response for TCDD promotion of hepatocarcinogenesis in rats initiated with DEN: histologic, biochemical, and cell proliferation endpoints.

Expression of cathepsin B and aryl hydrocarbon hydroxylase activities, and of apolipoprotein B in human hepatoma cells maintained long-term in a serum-free medium.

Subchronic toxicity of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

Chicken ovalbumin upstream promoter transcription factor (COUP-TF) binds to a peroxisome proliferator-responsive element and antagonizes peroxisome proliferator-mediated signaling.

TCDD-mediated changes in hepatic epidermal growth factor receptor may be a critical event in the hepatocarcinogenic action of TCDD.

Cancer incidence in a population accidentally exposed to 2,3,7,8-tetrachlorodibenzo-para-dioxin.

Rat CYP1A1 negative regulatory element: biological activity and interaction with a protein from liver and hepatoma cells.

Resistance to aflatoxin B1 is associated with the expression of a novel aldo-keto reductase which has catalytic activity towards a cytotoxic aldehyde-containing metabolite of the toxin.

Inhibition of uncoupled respiration in tumor cells. A possible role of mitochondrial Ca²⁺ efflux.

Enhancement by non-mutagenic pesticides of GST-P positive hepatic foci development initiated with diethylnitrosamine in the rat.

Liver damage due to free radicals.

The human estrogen receptor structural gene contains a DNA sequence that binds activated mouse and human Ah receptors: a possible mechanism of estrogen receptor regulation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of small doses of dioxins on the immune system of marmosets and rats.

NAD(P)H:quinone oxidoreductase1 (DT-diaphorase) expression in normal and tumor tissues.

Cloning and characterization of complementary DNA encoding the eukaryotic initiation factor 2-associated 67-kDa protein (p67).

Renal and hepatic toxicity of monochloroacetanilides in the Fischer 344 rat.

Dioxin hepatic carcinogenesis: biologically motivated modeling and risk assessment.

Mouse Hepa 1c1c7 hepatoma cells produce complement component C3; 2,3,7,8-tetrachlorodibenzo-p-dioxin fails to modulate this capacity.

Tumors produced in rats with a single dosage of 1,2-dimethylhydrazine.

Relationship between aryl hydrocarbon receptor binding, induction of aryl hydrocarbon hydroxylase and 7-ethoxyresorufin O-deethylase enzymes, and toxic activities of aromatic xenobiotics in animals. A new model.

Peroxisome proliferators: paradigms and prospects.

Hyperoxic lung injury in Fischer-344 and Sprague-Dawley rats in vivo.

[Effects of disinfectants on erythrocytes and isolated hepatocytes from rats and surface tension].

Toxicological evaluation of mixtures of ten widely used pesticides.

Comparative potencies of Aroclors 1232, 1242, 1248, 1254, and 1260 in male Wistar rats--assessment of the toxic equivalency factor (TEF) approach for polychlorinated biphenyls (PCBs).

The role of oxidative metabolism in hexachlorobenzene-induced porphyria and thyroid hormone homeostasis: a comparison with pentachlorobenzene in a 13-week feeding study.

Environmental toxicology of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans.

Ligand-dependent recruitment of the Arnt coregulator determines DNA recognition by the dioxin receptor.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the epidermal growth factor receptor in hepatic plasma membranes of rainbow trout (*Oncorhynchus mykiss*).

The natural history of congenital diaphragmatic hernia and pulmonary hypoplasia in the embryo.

Red blood cell regeneration induced by subcutaneous recombinant erythropoietin: iron-deficient erythropoiesis in iron-replete subjects.

Effects of restricted feeding on the absorption, metabolism, and accumulation of pentachlorobenzene in rats.

Mouse interferon gamma pretreated hepatocytes conditioned media suppress cytochrome P-450 induction by TCDD in mouse hepatoma cells.

The effect of ischaemia on xanthine oxidase activity in rat intestine and liver.

Health risks of "dioxins": a review of environmental and toxicological considerations.

Modeling receptor-mediated processes with dioxin: implications for pharmacokinetics and risk assessment.

Metabolism of iron from (3,5,5-trimethylhexanoyl)ferrocene in rats. A dietary model for severe iron overload.

In vitro cytotoxic and cell transforming activities exerted by the pesticides cyanazine, dithianon, diflubenzuron, procymidone, and vinclozolin on BALB/c 3T3 cells.

Arsenite induced sensitization and self-tolerance of Reuber H35 hepatoma cells.

Effect of caloric restriction on the induction of hepatic cytochrome P-450 and Ah receptor binding in C57BL/6N and DBA/2J mice.

Toxicokinetic mixture interactions between chlorinated aromatic hydrocarbons in the liver of the C57BL/6J mouse: 2. Polychlorinated dibenzo-p-dioxins (PCDDs), dibenzofurans (PCDFs) and biphenyls (PCBs).

³¹P and ¹³C NMR spectroscopic study of wild type and multidrug resistant Ehrlich ascites tumor cells.

Complete amino acid sequence of biliverdin-IX beta reductase from human liver.

Acute 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure results in enhanced tyrosylphosphorylation and expression of murine hepatic cyclin dependent kinases.

Liver accumulation of 2,3,7,8-tetrachloro-[3H]dibenzofuran in mice: modulation by treatments with polychlorinated biphenyls.

Inhibition of hepatocyte gap junctional communication by 25-hydroxycholesterol may be mediated through free radicals.

Amino acid sequence of glutathione S-transferase a from guinea pig liver.

Reversible modification of rat liver glutathione S-transferase 3-3 with 1-chloro-2,4-dinitrobenzene: specific labelling of Tyr-115.

Glucuronidation of thyroid hormone in rat liver: effects of in vivo treatment with microsomal enzyme inducers and in vitro assay conditions.

Tissue distribution and toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats after intravenous injection.

Effect of dose, time, and pretreatment on the biliary excretion and tissue distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on protein kinase C and inositol phosphate metabolism in primary cultures of rat hepatocytes.

Cytochrome P4501A1 mediates the metabolism of 2,3,7,8-tetrachlorodibenzofuran in the rat and human.

Discrimination between periportal and pericentral necrosis of rat liver by determination of glutamine synthetase and other enzyme activities in serum.

Human xenobiotic metabolizing esterases in liver and blood.

Response of mouse liver coumarin 7-hydroxylase activity to hepatotoxins: dependence on strain and agent and comparison to other monooxygenases.

In vitro cytotoxicity of mono-, di-, and trichloroacetate and its modulation by hepatic peroxisome proliferation.

Affinities for the aryl hydrocarbon receptor, potencies as aryl hydrocarbon hydroxylase inducers and relative toxicities of polychlorinated biphenyls. A congener specific approach.

Antimutagenic and mutagenic potentials of Chinese radish.

Genetic toxicity of a mixture of fifteen pesticides commonly found in the Italian diet.

A ferro-heme protein senses oxygen levels, which modulate the glucagon-dependent activation of the phosphoenolpyruvate carboxykinase gene in rat hepatocyte cultures.

Structure-activity relationships for induction of peroxisomal enzyme activities in primary rat hepatocyte cultures.

Effects of polychlorinated dibenzofurans on compounds in hepatic DNA of female Sprague-Dawley rats: structure dependence and mechanistic considerations.

Methoxyresorufin and benzyloxyresorufin: substrates preferentially metabolized by cytochromes P4501A2 and 2B, respectively, in the rat and mouse.

Regulation of cytochrome P450 expression in a novel liver cell line from zebrafish (*Brachydanio rerio*).

Distribution patterns of polychlorinated biphenyl congeners in harbor seal (*Phoca vitulina*) tissues: statistical analysis.

Effects of oral administration of brassica secondary metabolites, allyl cyanide, allyl isothiocyanate and dimethyl disulphide, on the voluntary food intake and metabolism of sheep.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induced ethoxyresorufin-O-deethylase (EROD) and aldehyde dehydrogenase (ALDH3) activities in the brain and liver. A comparison between the most TCDD-susceptible and the most TCDD-resistant rat strain.

Localization of the potassium ion activation site in human liver fructose 1,6-bisphosphatase.

Stimulation of lipid peroxidation or 4-hydroxynonenal treatment increases procollagen alpha 1 (I) gene expression in human liver fat-storing cells.

Differing effects of the inhibition of poly(ADP-ribose) polymerase on the course of oxidative cell injury in hepatocytes and fibroblasts.

NTP technical report on the toxicity studies of Pesticide/Fertilizer Mixtures Administered in Drinking Water to F344/N Rats and B6C3F1 Mice.

Photodynamic effects of new silicon phthalocyanines: in vitro studies utilizing rat hepatic microsomes and human erythrocyte ghosts as model membrane sources.

Interactions of indolo[3,2-b]carbazoles and related polycyclic aromatic hydrocarbons with specific binding sites for 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver.

Simultaneous induction of sod, glutathione reductase, GSH, and ascorbate in liver and kidney correlates with survival during aging.

Subunit structures of purified beef mitochondrial cytochrome bc1 complex from liver and heart.

Influence of some biological response modifiers on swelling of rat liver mitochondria in vitro.

Maintenance of xenobiotic metabolism and toxicity in rat hepatocyte cultures after cell preservation at 4 degrees.

Modulatory effect of hyperthermia on hepatic microsomal cytochrome P450 in mice.

Mutagenicity of chrysene, its methyl and benzo derivatives, and their interactions with cytochromes P-450 and the Ah-receptor; relevance to their carcinogenic potency.

Free radical induction in the brain and liver by products of toluene catabolism.

Effect of propaquizafop and its free-acid derivative on lauric acid hydroxylation and peroxisomal beta-oxidation in primary cultured rat, mouse, guinea pig and marmoset hepatocytes.

The mutagenicity and interactions of 2- and 4-(acetylamino)fluorene with cytochrome P450 and the aromatic hydrocarbon receptor may explain the difference in their carcinogenic potency.

A physiologically based pharmacokinetic model for 2,3,7,8-tetrabromodibenzo-p-dioxin (TBDD) in the rat: tissue distribution and CYP1A induction.

Development and characterization of a rainbow trout liver cell line expressing cytochrome P450-dependent monooxygenase activity.

Assessment of P-glycoprotein-dependent drug transport in isolated rat hepatocytes using rhodamine 123.

Comparative effects of endrin on hepatic lipid peroxidation and DNA damage, and nitric oxide production by peritoneal macrophages from C57BL/6J and DBA/2 mice.

Light microscopic catalase histochemistry in mussel digestive gland tissue.

Acrylamide as an inducer of metabolic activation system (S9) in rats.

Interactions of flavonoids, trace metals, and oxygen: nuclear DNA damage and lipid peroxidation induced by myricetin.

Human non-secretory ribonucleases. I. Purification, peptide mapping and lectin blotting analysis of the kidney, liver and spleen enzymes.

Modification of P450 activity and its effect on 1,2-dichlorobenzene toxicity in Fischer 344 rats.

Gene expression and cell proliferation in rat liver after 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Detection and characterization of a novel hepatic 8 S binding protein for benzo[a]pyrene distinct from the Ah receptor.

Ethoxyresorufin-O-deethylase and porphyrin analysis in chicken embryo hepatocyte cultures with a fluorescence multiwell plate reader.

Effect of macromolecules on the structure of the mitochondrial inter-membrane space and the regulation of hexokinase.

A mechanistic model of effects of dioxin on gene expression in the rat liver.

Modulation of liver intracellular C3 in mice by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Purification and characterization of salicylhydroxamic acid reductase from rat liver.

Studies on the metabolism of a monoterpene ketone, R-(+)-pulegone--a hepatotoxin in rat: isolation and characterization of new metabolites.

Effects of 3-methylsulphonyl-4,5,3',4',-tetrachlorobiphenyl and 7,8-benzoflavone on aryl hydrocarbon hydroxylase activities of murine hepatic microsomes prepared from inbred strains with different Ah responsiveness.

Interaction of the cyclophosphamide metabolite, acrolein, with lactate dehydrogenase-m homolog.

NTP Toxicology and Carcinogenesis Studies of Pentachloroanisole (CAS No. 1825-21-4) in F344 Rats and B6C3F1 Mice (Feed Studies).

Characterization of L-thyroxine transport into hepatocytes isolated from juvenile rainbow trout (*Oncorhynchus mykiss*).

Characterization of vitamin A potentiation of carbon tetrachloride-induced liver injury.

Maturation changes in dermal absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in Fischer 344 rats.

Uncoupling of rat liver mitochondrial oxidative phosphorylation by the fasciolicide triclabendazole and its sulfoxide and sulfone metabolites.

Modulation of 1,2-dichlorobenzene hepatotoxicity in the Fischer-344 rat by a scavenger of superoxide anions and an inhibitor of Kupffer cells.

Mitochondria as a source of reactive oxygen species during reductive stress in rat hepatocytes.

Toxicology, structure-function relationship, and human and environmental health impacts of polychlorinated biphenyls: progress and problems.

Reduction of hepatic phosphoenolpyruvate carboxykinase (PEPCK) activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) is due to decreased mRNA levels.

Ferrous-iron induces lipid peroxidation with little damage to energy transduction in mitochondria.

Inhibitors of mitochondrial carnitine palmitoyltransferase I limit the action of proteases on the enzyme. Isolation and partial amino acid analysis of a truncated form of the rat liver isozyme.

Uptake of tyramine by rat hepatocytes.

Ah receptor binding properties of indole carbinols and induction of hepatic estradiol hydroxylation.

Activation of Cyp1a1 and Cyp1a2 genes in adult mouse hepatocytes in primary culture.

In vitro metabolism of cyanohydroxybutene: formation of a glutathione-S-transferase catalyzed product.

Uptake of glycyrrhizin by isolated rat hepatocytes.

Effect of P-450 inducers on biliary excretion of glutathione and its hydrolysis products. Correlation between hepatic gamma-glutamyltranspeptidase activity and the proportion of glutathione hydrolysis products in bile.

Effects of arsenite treatment on NAD(P)H:quinone acceptor oxidoreductase activity in liver, lung, kidney, and heart of the rat. Comparison to induction by the polyaromatic hydrocarbon, beta-naphthoflavone.

Nonresponsiveness of normal human fibroblasts to dioxin correlates with the presence of a constitutive xenobiotic response element-binding factor.

Differential effects of metabolic inhibitors on cellular and mitochondrial uptake of organic cations in rat liver.

Purification and characterization of glutathione S-transferase of murine ovary and testis.

Enhanced glutathione S-transferase 7-7 expression in rat hepatic cytosol following treatment with pyrrole.

A top-down control analysis in isolated rat liver mitochondria: can the 3-hydroxy-3-methylglutaryl-CoA pathway be rate-controlling for ketogenesis?

Inhibition of mitochondrial oxidative phosphorylation and its electron transport pathway by a polycation in vitro.

Hepatic metabolism of toluene after gastrointestinal uptake in humans.

Differential effects of extracellular calcium on lipid peroxidation dependent (ethacrynic acid and allyl alcohol) and lipid peroxidation independent (disulfiram)-induced cytotoxicity in normal and vitamin E-deficient rat hepatocytes.

In vivo effect of 7,8-benzoflavone on aryl hydrocarbon hydroxylase activity of mouse liver microsomes.

Nature and role of xenobiotic metabolizing esterases in rat liver, lung, skin and blood.

Investigations into the effects of various hepatotoxic compounds on urinary and liver taurine levels in rats.

The metabolism of 2,3,7,8-tetrabromodibenzodioxin in the rat.

Transient induction of cytochrome P450 1A1 mRNA by culture medium component in primary cultures of adult rat hepatocytes.

Effects of acute sodium arsenite administration on the pulmonary chemical metabolizing enzymes, cytochrome P-450 monooxygenase, NAD(P)H:quinone acceptor oxidoreductase and glutathione S-transferase in guinea pig: comparison with effects in liver and kidney.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the epidermal growth factor receptor in hepatic plasma membranes of rainbow trout.

Deglycosylation and fragmentation of purified rat liver angiotensin II receptor: application to the mapping of hormone-binding domains.

ESR studies on the production of reactive oxygen intermediates by rat liver microsomes in the presence of NADPH or NADH.

Culture medium composition affects the relative toxicities of chlorobenzenes in rat liver slices and the isolated perfused liver.

Comparative pharmacokinetics of ifosfamide, 4-hydroxyifosfamide, chloroacetaldehyde, and 2- and 3-dechloroethylifosfamide in patients on fractionated intravenous ifosfamide therapy.

Growth stimulation of primary rat hepatocytes by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Predicting rodent carcinogenicity of halogenated hydrocarbons by in vivo biochemical parameters.

In vitro induction of reactive oxygen species by 2,3,7,8-tetrachlorodibenzo-p-dioxin, endrin, and lindane in rat peritoneal macrophages, and hepatic mitochondria and microsomes.

Toxicology and hazard potential of trifluralin.

Nephrotoxicity of the 1:1 acrolein-glutathione adduct in the rat.

Marked interanimal differences in susceptibility of Sprague-Dawley rats to diquat-induced oxidative stress in the liver: correlation with hepatic uptake of diquat.

[The influence of paraquat on cell cycle--analysis of cell kinetics using DNA/BrdU staining].

Simazine toxicosis in sheep.

Tissue-binding and toxicity of compounds structurally related to the herbicide dichlobenil in the mouse olfactory mucosa.

Chronic liver injury in phenoxy herbicide-exposed Vietnam veterans.

Inhibition of lipid peroxidation and cholesterol levels in mice by curcumin.

Effect of food flavor cinnamaldehyde on liver microsomal cytochrome P-450 in rats.

Antioxidant-dependent inhibition of diquat-induced toxicity in vivo.

[Hepatopathy from cyanamide. Presentation of a new case].

[A cardiac lesion secondary to paraquat].

Dioxin intoxication from chronic exposure of horses to pentachlorophenol-contaminated wood shavings.

NTP technical report on the toxicity studies of Glyphosate (CAS No. 1071-83-6) Administered In Dosed Feed To F344/N Rats And B6C3F1 Mice.

Effects of diphenyl ether herbicides on porphyrin accumulation by cultured hepatocytes.

Action of acrolein on rat liver membrane proteins and enzymes.

Age-associated enhancement of diquat-induced lipid peroxidation and cytotoxicity in isolated rat hepatocytes.

Mitochondrial breakage induced by the herbicide paraquat in cultured human lung cells.

The acrolein cytotoxicity and cytoprotective action of alpha-tocopherol in primary cultured rat hepatocytes.

Peroxisome proliferators protect against paracetamol hepatotoxicity in mice.

Preferential increase of heterochromatin in venular endothelium of lung in mice after administration of dimethylarsinic acid, a major metabolite of inorganic arsenics.

[Effects of pesticide fluometuron (cotoran) on template synthesis of RNA].

Role of lipid peroxidation and DNA damage in paraquat toxicity and the interaction of paraquat with ionizing radiation.

Subacute toxicity of paraquat in beagle dogs: clinicopathology and pathologic examinations.

2,4,5-trichlorophenoxyacetic acid influence on 2,6-dinitrotoluene-induced urine genotoxicity in Fischer 344 rats: effect on gastrointestinal microflora and enzyme activity.

Effects of ethyl 4-chloro-2-methylphenoxyacetate on bile composition in golden hamsters.

Morphological changes on nerves and histopathological effects on liver and kidney of rats by pentachlorophenol (PCP).

Effect of preinduction of metallothionein on paraquat toxicity in mice.

Mutagenicity of beta-alkyl substituted acrolein congeners in the Salmonella typhimurium strain TA100 and genotoxicity testing in the SOS chromotest.

DNA damage induced by alachlor after in vitro activation by rat hepatocytes.

Fatal paraquat poisoning: a light microscopic study in eight autopsy cases.

Paraquat damage of rat liver mitochondria by superoxide production depends on extramitochondrial NADH.

[Rainbow trout and zebrafish, two models for continuous toxicity tests: relative sensitivity, species and organ specificity in cytopathologic reaction of liver and intestines to atrazine].

[The action of defoliant on the energetics of rat liver mitochondria in vitro].

Regression mechanism of cyanamide-induced inclusion bodies in the rat: a useful experimental pattern to study the beta-glycogen metabolism of hepatocytes.

Pathophysiological consequences of enhanced intracellular superoxide formation in isolated perfused rat liver.

No evidence of intracellular oxidative stress during ischemia-reperfusion damage in rat liver in vivo.

Renal cadmium deposition and injury as a result of accumulation of cadmium-metallothionein (CdMT) by the proximal convoluted tubules--A light microscopic autoradiography study with ¹⁰⁹CdMT.

Chemical contamination and the annual summer die-off of striped bass (*Morone saxatilis*) in the Sacramento-San Joaquin Delta.

Enhancement of cytotoxic T lymphocyte growth from spleens of P815-tumor-bearing host mice with mafosfamide.

[Synthesis and antitumor activity of substituted benzaldehyde/cinnamaldehyde selenosemicarbazones].

Induction of hepatic metallothionein by paraquat.

The effects of alpha, beta-unsaturated aldehydes on hepatic thiols and thiol-containing enzymes.

Activation of 6-aminochrysene to genotoxic products by different forms of rat liver cytochrome P450 in an O-acetyltransferase-overexpressing Salmonella typhimurium strain (NM2009).

Utility of liquid chromatography/fast atom bombardment mass spectrometry and liquid chromatography/thermospray mass spectrometry for structure identification of metabolites of a fluorinated herbicide.

Inhibition of acetaminophen hepatotoxicity by acetaldehyde in the rat.

Evaluation of amitrole mutagenicity in Salmonella typhimurium using prostaglandin synthase activation.

Identification of the mixed disulfide of glutathione and cysteinylglycine in bile: dependence on gamma-glutamyl transferase and responsiveness to oxidative stress.

Hepatic triiodothyronine sulfation and its regulation by growth hormone and triiodothyronine in rats.

Metabolism of alachlor by rat and monkey liver and nasal turbinate tissue.

The S-thiolation of hepatocellular protein thiols during diquat metabolism.

Inhibition of sulfotransferase in primary cultures of human hepatocytes affecting metabolism and binding of 2-acetylaminofluorene.

Ethanol-induced motor activity in normal and acatalasemic mice.

Cyclophosphamide and its metabolite acrolein. Some studies on their porphyrinogenic action in 17 day old chick embryo.

Biotransformation of butachlor through mercapturic acid pathway in rat tissue homogenates.

The influence of buffers during fixation on the appearance of smooth endoplasmic reticulum and glycogen in hepatocytes of normal and glycogen-depleted rats.

Glutathione and antioxidants protect microsomes against lipid peroxidation and enzyme inactivation.

The biomethylation of sodium arsenate by rat liver cytosol determined by mass spectrometry.

Oral and dermal application of 2,4-dichlorophenoxyacetic acid sodium and dimethylamine salts to male rats: investigations on absorption and excretion as well as induction of hepatic mixed-function oxidase activities.

[RNA synthesis and transport in the rat liver under the effects of pesticide cotoran (fluometuron)].

Coenzyme A esters of 2-aryloxyphenoxypropionate herbicides and 2-arylpropionate antiinflammatory drugs are potent and stereoselective inhibitors of rat liver acetyl-CoA carboxylase.

Modification of liver and serum enzymes by paraquat treatment in rabbits.

Decreased stress inducibility of the HSP68 protein in a rat hepatoma variant clone.

Effects of different rates of drying cassava root on its toxicity to broiler chicks.

Localization of protein-acetaldehyde adducts on cell surface of hepatocytes by flow cytometry.

Protein tyrosine phosphorylation as an indicator of 2,3,7,8-tetrachloro-p-dioxin exposure in vivo and in vitro.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin or 2,2',4,4',5,5'-hexachlorobiphenyl on vitamin K-dependent blood coagulation in female germfree WAG/Rij-rats.

Regulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible expression of aldehyde dehydrogenase in hepatoma cells.

Integrated approach for evaluating species and interindividual differences in responsiveness to dioxins and structural analogs.

Mechanism of action of aryl hydrocarbon receptor antagonists: inhibition of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced CYP1A1 gene expression.

[The retention of alkyldinitrophenol compounds in cadaveric material].

Hepatotoxic interactions of ethanol with allyl alcohol or carbon tetrachloride in rats.

Negative regulation of the murine cytosolic aldehyde dehydrogenase-3 (Aldh-3c) gene by functional CYP1A1 and CYP1A2 proteins.

Induction of class 3 aldehyde dehydrogenase in the mouse hepatoma cell line Hepa-1 by various chemicals.

Bioavailability to rats and toxicity of bound residues in bean seeds fumigated with ¹⁴C-methyl bromide.

Comparative assessment of the cytotoxic effects of different xenobiotics in three hepatoma cell lines.

Characterization of the promotion of altered hepatic foci by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the female rat.

Chemopreventive effects of green tea components on hepatic carcinogenesis.

Dose-response relationships for chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in a rat tumor promotion model: quantification and immunolocalization of CYP1A1 and CYP1A2 in the liver.

Research note: effect of 2,4-dinitrophenol on growth and body composition of broilers.

Reduced activity of the electron transport chain in liver mitochondria isolated from rats with secondary biliary cirrhosis.

Hepatotoxicity and carcinogenicity in female Sprague-Dawley rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): a pathology working group reevaluation.

Mechanism of dioxin action: Ah receptor-mediated increase in promoter accessibility in vivo.

Posttranslational regulation of spermidine/spermine N1-acetyltransferase with stress.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on blood and spleen natural killer (NK) cell activity in the mouse.

In utero and lactational exposure of male rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin. 2. Effects on sexual behavior and the regulation of luteinizing hormone secretion in adulthood.

Mechanism of action of a repressor of dioxin-dependent induction of Cyp1a1 gene transcription.

Affinity chromatographic purification of immunoglobulin M antibodies utilizing immobilized mannan binding protein.

Hepatic and gastrointestinal effects in an occupational cohort exposed to 2,3,7,8-tetrachlorodibenzo-para-dioxin.

Heat-shock responsive elements in the induction of the multidrug resistance gene (MDR1).

The effect of ethanol metabolism on ferritin uptake by freshly isolated rat hepatocytes: is acetaldehyde responsible for this alteration?

Antiestrogenic action of 2,3,7,8-tetrachlorodibenzo-p-dioxin: tissue-specific regulation of estrogen receptor in CD1 mice.

Neutrophil accumulation in ischemic reperfused rat liver: evidence for a role for superoxide free radicals.

Characterization of the aryl hydrocarbon receptor in the human C-4II cervical squamous carcinoma cell line.

[Phenazon metabolism in children with liver diseases].

Chromosomal aberrations and sister-chromatid exchanges induced by N-nitroso-2-acetylaminofluorene and their modifications by arsenite and selenite in Chinese hamster ovary cells.

Soluble aggregates of the human PiZ alpha 1-antitrypsin variant are degraded within the endoplasmic reticulum by a mechanism sensitive to inhibitors of protein synthesis.

Chemical cross-linking of the cytosolic and nuclear forms of the Ah receptor in hepatoma cell line 1c1c7.

Transcriptional derepression of the murine Cyp1a-1 gene by mevinolin.

Sex differences in monochloroacetate pretreatment effects on chloroform toxicity in rats.

Toxicity of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats after single oral administration.

Reconciling old and new findings on dioxin.

Toxicity of monochloroacetic acid administered by gavage to F344 rats and B6C3F1 mice for up to 13 weeks.

Placental transport of dioxins from mother to fetus. II. PCBs, dioxins and furans and vitamin K metabolism.

[The effect of 2,4-dichlorophenol on enzyme activities and other parameters in parenchymatous organs of rats].

Peroxisome proliferators: a model for receptor mediated carcinogenesis.

Amyloid enhancing factor activity is associated with ubiquitin.

Enhanced suppression of humoral immunity in DBA/2 mice following subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Mechanism of benzo[a]pyrene-induced Cyp1a-1 gene expression in mouse Hepa 1c1c7 cells: role of the nuclear 6 s and 4 s proteins.

Immunochemical identity of the 2,3,7,8-tetrachlorodibenzo-p-dioxin- and beta-naphthoflavone-induced cytochrome P-450 arachidonic acid epoxygenases in chick embryo liver: distinction from the omega-hydroxylase and the phenobarbital-induced epoxygenase.

Hepatic Na(+)-dicarboxylate cotransport: identification, characterization, and acinar localization.

The involvement of primary and secondary metabolism in the covalent binding of 1,2- and 1,4-dichlorobenzenes.

Purification of cytochromes P-450 derived from liver microsomes of untreated and 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated marmoset monkeys.

[Tris-2-(oxyethyl)ammonium ortho-cresol acetate--a stimulant of the activity of regenerating hepatocytes].

Effect of serum-free medium on cytochrome P450-dependent metabolism and toxicity in rat cultured hepatocytes.

Evaluation of iron binding and peroxide-mediated toxicity in rat hepatocytes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes reduction of glucose transporting activities in the plasma membranes of adipose tissue and pancreas from the guinea pig.

The influence of chloro-substituent sites of hexachlorobiphenyl on the respiration of rat liver mitochondria.

Absence of interactions on hepatic retention and 7-ethoxyresorufin-O-deethylation activity after co-administration of 1,2,3,7,8-pentachlorodibenzo-p-dioxin and 2,4,5,2',4',5'-hexachlorobiphenyl.

Mechanism for the hepatotoxicity of the antiandrogen, nilutamide. Evidence suggesting that redox cycling of this nitroaromatic drug leads to oxidative stress in isolated hepatocytes.

Beta-naphthoflavone induction of a cytochrome P-450 arachidonic acid epoxygenase in chick embryo liver distinct from the aryl hydrocarbon hydroxylase and from phenobarbital-induced arachidonate epoxygenase.

Bovine brain 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase. Evidence for a neural-specific isozyme.

The potentiation of 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity by tamoxifen in female CD1 mice.

Plasma alpha 1-acid glycoprotein concentration in rats with chemical liver injury.

Mechanism of citrinin-induced dysfunction of mitochondria. II. Effect on respiration, enzyme activities, and membrane potential of liver mitochondria.

Benzo[e]pyrene elicits changes in the biochemical activities and chromatographic behavior of murine hepatic cytochromes P-450 that are distinct from those induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

On the mechanism of the mitochondrial decarboxylation of phosphatidylserine.

Effects of antibacterial agents on in vitro ovine ruminal biotransformation of the hepatotoxic pyrrolizidine alkaloid jacobine.

Effects of microsomal enzyme inducers upon UDP-glucuronic acid concentration and UDP-glucuronosyltransferase activity in the rat intestine and liver.

Phosphorylation and inactivation of HMG-CoA reductase at the AMP-activated protein kinase site in response to fructose treatment of isolated rat hepatocytes.

The interactions of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 6-methyl-1,3,8-trichlorodibenzofuran in chick embryo hepatocytes.

NTP technical report on the toxicity studies of para-Chloro-alpha,alpha,alpha Trifluorotoluene (CAS NO: 98-56-6) Administered in Corn Oil and alpha-Cyclodextrin to F344/N Rats and B6C3F1 Mice in 14-Day Comparative Gavage Studies.

Involvement of nonparenchymal cells in oxygen-dependent hepatic injury by allyl alcohol.

TCDD causes stimulation of c-ras expression in the hepatic plasma membranes in vivo and in vitro.

[Effects of ifenprodil on the adenosine triphosphatase of guinea pig liver mitochondria].

The interaction of L-triiodothyronine and 2,3,7,8-tetrachlorodibenzo-p-dioxin on Ah-receptor-mediated hepatic Phase I and Phase II enzymes and iodothyronine 5'-deiodinase in thyroidectomized rats.

Immobilization of solubilized UDP-glucuronosyltransferase from rat liver microsomes to Sepharose 4B.

³¹P-NMR spectroscopy of perfused rat hepatocytes immobilized in agarose threads: application to chemical-induced hepatotoxicity.

Artificial liver.

Sex-, age- and pregnancy-induced changes in the metabolism of toluene and trichloroethylene in rat liver in relation to the regulation of cytochrome P450IIE1 and P450IIC11 content.

Participation of rat liver cytochrome P450 2E1 in the activation of N-nitrosodimethylamine and N-nitrosodiethylamine to products genotoxic in an acetyltransferase-overexpressing Salmonella typhimurium strain (NM2009).

Cloning and heterologous expression of cDNA encoding class alpha rat glutathione transferase 8-8, an enzyme with high catalytic activity towards genotoxic alpha,beta-unsaturated carbonyl compounds.

Comparison of the effect of a mitochondrial uncoupler, 2,4-dinitrophenol and adrenaline on oxygen radical production in the isolated perfused rat liver.

Lipid peroxidation and irreversible damage in the rat hepatocyte model. Protection by the silybin-phospholipid complex IdB 1016.

Mouse liver cytidine-5'-monophosphate-N-acetylneuraminic acid hydroxylase. Catalytic function and regulation.

Dioxin induces expression of c-fos and c-jun proto-oncogenes and a large increase in transcription factor AP-1.

Characterization of the rabbit CYP1A1 and CYP1A2 genes: developmental and dioxin-inducible expression of rabbit liver P4501A1 and P4501A2.

Utilization of glutathione during 1,2-dihaloethane metabolism in rat hepatocytes.

Kinetics of the association of several tritiated polychlorinated dibenzo-p-dioxin and dibenzofuran congeners with hepatic cytosolic Ah receptor from the Wistar rat.

[The effect of isomeric alkyl (C19--C25) methoxybenzoquinones on mitochondrial respiration].

Ca(2+)-sensitive reduction of 5,5'-dithiobis-(2-nitrobenzoic acid) by rat liver mitochondria.

Interleukin-1 beta suppresses the induction of P4501A1 and P4501A2 mRNAs in isolated hepatocytes.

Photodynamic effects of chloroaluminum phthalocyanine tetrasulfonate are mediated by singlet oxygen: in vivo and in vitro studies utilizing hepatic microsomes as a model membrane source.

In vitro stimulation of microsomal diethyl nitrosamine deethylase activity by vitamin K3 (menadione).

Physiological properties of liver, gonads and muscle during maturation of female Atlantic salmon, *Salmo salar*. Comparison between a control and xenobiotics containing fish feed.

Effect of phenobarbital and 3-methylcholanthrene treatment on NADPH- and NADH-dependent production of reactive oxygen intermediates by rat liver nuclei.

Specific binding of polychlorinated biphenyls to rat liver cytosol protein.

Flavin-containing monooxygenase-dependent stereoselective S-oxygenation and cytotoxicity of cysteine S-conjugates and mercapturates.

Purification, antibody production, and partial amino acid sequence of the 58-kDa acetaminophen-binding liver proteins.

Taurine transport in skate hepatocytes. II. Volume activation, energy, and sulfhydryl dependence.

Taurine transport in skate hepatocytes. I. Uptake and efflux.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and ethinylestradiol as co-mitogens in cultured rat hepatocytes.

Inhibition of ferrous-induced lipid peroxidation by pyrimido-pyrimidine derivatives in human liver membranes.

The profile of rat liver enzyme induction produced by prochloraz and its major metabolites.

Metabolic fate of menthofuran in rats. Novel oxidative pathways.

Carrier-mediated uptake of pravastatin by rat hepatocytes in primary culture.

Enhancement of glucose transport in response to inhibition of oxidative metabolism: pre- and posttranslational mechanisms.

Enhanced expression, purification, and characterization of a novel class alpha glutathione S-transferase isozyme appearing in rabbit hepatic cytosol following treatment with 4-picoline.

Characterization of the human myeloid cell nuclear differentiation antigen: relationship to interferon-inducible proteins.

Characterization of 6-phosphofructo-2-kinase from foetal-rat liver.

Effects of cyclophosphamide and acrolein in organoid cultures of mouse limb bud cells grown in the presence of adult rat hepatocytes.

NTP Toxicology and Carcinogenesis Studies of Monochloroacetic Acid (CAS No. 79-11-8) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Primary cultures of rat hepatocytes on microcarriers as a metabolising system in toxicity testing in cell cultures.

Uptake of organic anions by isolated rat hepatocytes. A classification in terms of ATP-dependency.

NADH-dependent reductive stress and ferritin-bound iron in allyl alcohol-induced lipid peroxidation in vivo: the protective effect of vitamin E.

Expression of P4501A1 in a primary culture of rainbow trout hepatocytes exposed to beta-naphthoflavone or 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Association of blebbing with assembly of cytoskeletal proteins in ATP-depleted EL-4 ascites tumour cells.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on benzo(a)pyrene hydroxylase activity in embryos of the Japanese medaka (*Oryzias latipes*).

Decreased hepatic phosphoenolpyruvate carboxykinase gene expression after 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment: implications for the acute toxicity of chlorinated dibenzo-p-dioxins in the rat.

[Oxidative phosphorylation of liver mitochondria in *Oncomelania* snail].

[The effect of osmotic pressure on oligomycin-sensitive ATPase activity and the liberation of Mg²⁺ from liver mitochondria of rats of various ages].

Comparative toxicity of four chlorinated dibenzo-p-dioxins (CDDs) and their mixture. Part II: Structure-activity relationships with inhibition of hepatic phosphoenolpyruvate carboxykinase, pyruvate carboxylase, and gamma-glutamyl transpeptidase activities.

Heterogeneity of rat hepatic Ah receptor: identification of two receptor forms which differ in their biochemical properties.

Comparative toxicity of four chlorinated dibenzo-p-dioxins (CDDs) and their mixture. Part III: Structure-activity relationship with increased plasma tryptophan levels, but no relationship to hepatic ethoxyresorufin o-deethylase activity.

Certain tryptophan photoproducts are inhibitors of cytochrome P450-dependent mutagenicity.

Analysis of DNA strand breaks induced in rodent liver in vivo, hepatocytes in primary culture, and a human cell line by chlorinated acetic acids and chlorinated acetaldehydes.

Lethality, hexobarbital narcosis and behavior in rats exposed to atrazine, bentazon or molinate.

The effect of structurally divergent herbicides on mouse liver xenobiotic-metabolizing enzymes (P-450-dependent mono-oxygenases, epoxide hydrolases and glutathione S-transferases) and carnitine acetyltransferase.

The evaluation of Escherichia coli as a model for oxidant stress in mammalian hepatocytes: role of glutathione.

Developmental toxicity of diphenyl ether herbicides in nestling American kestrels.

Effects of MCPA and other phenoxyacid compounds on hepatic xenobiotic metabolism in rats.

[Biochemical and histological changes after acute oral poisoning with the acetanilide herbicide acetochlor].

Toxicology and carcinogenesis studies of two grades of pentachlorophenol in B6C3F1 mice.

Developmental toxicity of bromoxynil in mice and rats.

Superoxide is involved in the pathogenesis of paraquat-induced injury in cultured rat liver slices.

Effects of ethyl 4-chloro-2-methylphenoxyacetate on hepatic peroxisomal enzymes in rats.

Liver high performance liquid chromatographic porphyrin profiles in experimental porphyria induced by peroxidizing herbicides.

Protection of rats against the effects of alpha-naphthylthiourea (ANTU) by elevation of non-protein sulphhydryl levels.

Reduction of paraquat and related bipyridylium compounds to free radical metabolites by rat hepatocytes.

Oncogenicity study of trifluralin in B6C3F1 mice.

Age- and sex-related effects on hepatic drug metabolism in rats chronically exposed to dietary atrazine.

Metabolic aspects of the toxicology of mixtures of parathion, toxaphene and/or 2,4-D in mice.

Relationships between ascorbic acid and alpha-tocopherol during diquat-induced redox cycling in isolated rat hepatocytes.

Comparison of one-electron reduction activity against the bipyridylum herbicides, paraquat and diquat, in microsomal and mitochondrial fractions of liver, lung and kidney (in vitro).

[Cholestatic hepatitis caused by cyanamide].

Effects of 2,4-dichlorophenoxyacetic acid and picloram on biotransformation, peroxisomal and serum enzyme activities in channel catfish (*Ictalurus punctatus*).

Loss of membrane protein thiols and lipid peroxidation in allyl alcohol hepatotoxicity.

Inhibition of diquat-induced lipid peroxidation and toxicity in precision-cut rat liver slices by novel antioxidants.

[A case of suicide suspected of poisoning from taking some agricultural chemicals].

[Acute poisoning caused by the herbicide dichlorprop (preparation SYS 67 PROP)].

A fatal case of parenteral paraquat poisoning.

[Cyanamide hepatopathy. Presentation of two new cases].

Effects of vitamin E on toxicity by minute amounts of paraquat fed continuously to rats.

Effect of atrazine on some aspects of lipid metabolism in fresh water fish.

Effects of phenoxyacetic acid herbicides on chicken embryo liver drug metabolizing enzymes.

Pentachlorophenol.

Effects of 2,4,5-trichlorophenoxyacetic acid, pentachlorophenol, methylprednisolone, and Freund's adjuvant on 2-hydroxyethylnitrosourea carcinogenesis in MRC-Wistar rats.

Protective effects of dextran sulfate and polyvinyl sulfate against acute toxicity of paraquat in mice.

Effects of acute 2,4-dichlorophenoxyacetic acid intoxication on some rat serum components and enzyme activities.

Acute poisoning with a glyphosate-surfactant herbicide ('Roundup'): a review of 93 cases.

Diquat-induced oxidative damage in hepatic microsomes: effects of antioxidants.

[Morphological evidence of the possible role of cytochrome P-450 in the development of an autoimmune process in the liver].

An overview of peroxisome proliferator-induced hepatocarcinogenesis.

[The characteristics of glutathione reductase distribution and activity in the liver of adult rats subjected to paraquat action in the embryonic period].

Formation of a protein-acetaldehyde adduct in liver during chronic alcohol exposure.

Enhanced lipid peroxidation is not necessary for induction of metallothionein-I by oxidative stress.

Cytochemical studies of hydrogen peroxide generation in postischemic hepatocytes.

Hepatic peroxisome proliferators induce morphologic transformation of Syrian hamster embryo cells, but not peroxisomal beta oxidation.

Inverse correlation between resistance towards copper and towards the redox-cycling compound paraquat: a study in copper-tolerant hepatocytes in tissue culture.

Liver ferrochelatase from normal and hexachlorobenzene porphyric rats. Mechanism of drug action.

Dose-dependent increases in metallothionein synthesis in the lung and liver of paraquat-treated rats.

Formation of the 37KD liver protein-acetaldehyde adduct in vivo and in vitro.

Investigations on the sensitivity of several biochemical and histological methods after liver intoxication induced by pentachlorophenol and carbon tetrachloride.

Residues of pentachlorophenol and other chlorinated contaminants in human tissues: analysis by electron capture gas chromatography and electron capture negative ion mass spectrometry.

In vitro transformation of dithiopyr by rat liver enzymes: conversion of methylthioesters to acids by oxygenases.

The correlation of the oxidation potentials of structurally related dibenzo[1,4]dithalogenines to their antioxidance capacity in biological systems undergoing free radical-induced lipid peroxidation.

Increase in metallothionein produced by chemicals that induce oxidative stress.

Dose- and time-dependent effect of an acute 3-amino-1,2,4-triazole injection on rat brain catalase activity.

Inactivation mechanism of low-KM rat liver mitochondrial aldehyde dehydrogenase by cyanamide in vitro.

Different effects of paraquat on microsomal lipid peroxidation in mouse brain, lung and liver.

[Results of the toxicokinetics of bromoxynil in rats].

Age- and sex-related differences in activation of the carcinogen 7-hydroxymethyl-12-methylbenz[a]anthracene to an electrophilic sulfuric acid ester metabolite in rats. Possible involvement of hydroxysteroid sulfotransferase activity.

Studies on the periportal hepatotoxicity of allyl alcohol.

Modulations in nitrogen metabolism in the hepatic and neuronal tissues of fish, *Tilapia mossambica* exposed to atrazine.

Relationship between oxidative stress and hepatic phosphoglucomutase activity in rats.

[The translocation and specific binding of the pesticide fluometuron (cotoran) with the proteins of rat liver nuclei].

Pharmacokinetics and metabolism of triclopyr in the crayfish (*Procambarus clarki*).

Regulation of intracellular acetyl-CoA carboxylase by ATP depletors mimics the action of the 5'-AMP-activated protein kinase.

Relative liver tumour promoting activity and toxicity of some polychlorinated dibenzo-p-dioxin- and dibenzofuran-congeners in female Sprague-Dawley rats.

Specific reduction of I-compound levels in DNA from spontaneous hepatomas of 22-24 month old male C3H mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes unbalanced growth in 5L rat hepatoma cells.

Decreased activities of ubiquinol:ferricytochrome c oxidoreductase (complex III) and ferrocyclochrome c:oxygen oxidoreductase (complex IV) in liver mitochondria from rats with hydroxycobalamin[c-lactam]-induced methylmalonic aciduria.

Human NAD(P)H:quinone oxidoreductase (NQO1) gene structure and induction by dioxin.

Pathology reevaluation of the Kociba et al. (1978) bioassay of 2,3,7,8-TCDD: implications for risk assessment.

Human AH locus polymorphism and cancer: inducibility of CYP1A1 and other genes by combustion products and dioxin.

Aromatic hydrocarbon responsiveness-receptor agonists generated from indole-3-carbinol in vitro and in vivo: comparisons with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

DNA binding properties of the Ah receptor in wild-type and variant mouse hepatoma cells.

Superinduction of 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible expression of aldehyde dehydrogenase by the inhibition of protein synthesis.

Neurotoxicity of polychlorinated biphenyls: structure-activity relationship of individual congeners.

Mechanism for enterohepatic injury caused by circulatory disturbance of hepatic vessels in the rat.

Induction of hepatic metallothionein by nonmetallic compounds associated with acute-phase response in inflammation.

Detection and characterization of the Ah receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in the human colon adenocarcinoma cell line LS180.

The differential effects of hepatotoxicants on the sulfation pathway in rats.

Inhibition of the specific DNA binding activity of the dioxin receptor by phosphatase treatment.

Lipid peroxidation in rat AH-130 hepatoma cells enriched in vitro with arachidonic acid.

Chloracne caused by ingestion of olive oil contaminated with PCDDs and PCDFs.

Risk assessment of 2,3,7,8-TCDD using a biologically based cancer model: a reevaluation of the Kociba et al. bioassay using 1978 and 1990 histopathology criteria.

Ninety day toxicity study of chloroacetic acids in rats.

Downregulation of the Ah receptor in mouse hepatoma cells treated in culture with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Ah receptor mediating induction of cytochrome P450IA1 in a novel continuous human liver cell line (Mz-Hep-1). Detection by binding with [3H]2,3,7,8-tetrachlorodibenzo-p-dioxin and relationship to the activity of aryl hydrocarbon hydroxylase.

Mechanism of action of 2,3,7,8-tetrachlorodibenzo-p-dioxin on intermediary metabolism in the rat.

Breast milk, dioxins and the possible effects on the health of newborn infants.

Long-term effects of chemical disasters. Lessons and results from Seveso.

H4IIE rat hepatoma cell bioassay-derived 2,3,7,8-tetrachlorodibenzo-p-dioxin equivalents in colonial fish-eating waterbird eggs from the Great Lakes.

Evidence for the mechanism of action of the 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated decrease of nuclear estrogen receptor levels in wild-type and mutant mouse Hepa 1c1c7 cells.

Characterization of an inducible aryl hydrocarbon receptor-like protein in rat liver.

Disposition and excretion of intravenous 2,3,7,8-tetrabromodibenzo-p-dioxin (TBDD) in rats.

Effect of modulators of glutathione synthesis on the hepatotoxicity of 2-methylfuran.

[Intestinal obstruction caused by non-absorbable tablets and Budd-Chiari syndrome in a patient with Crohn's disease].

Ninety-day toxicity study of sodium monochloroacetate in Sprague-Dawley rats.

Comparison of 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated hepatotoxicity in C57BL/6J and DBA/2J mice.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the vitamin A status of Hartley guinea pigs, Sprague-Dawley rats, C57Bl/6 mice, DBA/2 mice, and Golden Syrian hamsters.

An initiation-promotion assay in rat liver as a potential complement to the 2-year carcinogenesis bioassay.

Isolation and characterization of cDNA clones for rat liver 10-formyltetrahydrofolate dehydrogenase.

The sensitized liver represents a rich source of endogenous leukotrienes.

N-terminal amino-acid sequence of pig kidney dipeptidyl peptidase IV solubilized by autolysis.

Ovarian hormones enhance 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated increases in cell proliferation and preneoplastic foci in a two-stage model for rat hepatocarcinogenesis.

Characterization of the cell-cycle-regulated protein calyculin from Ehrlich ascites tumor cells. Identification of two binding proteins obtained by Ca²⁺(+)-dependent affinity chromatography.

Modulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin and phenobarbital-induced promotion of hepatocarcinogenesis in rats by the type of diet and vitamin A deficiency.

A possible biochemical mode of action for benzimidazole anthelmintics.

Presence of the 4 S polycyclic hydrocarbon-binding protein in H4-II-E cells.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in vitro: H4IIEC3-derived 5L hepatoma cells as a model system.

Cytosolic free Ca²⁺ in daunorubicin and vincristine resistant Ehrlich ascites tumor cells. Drug accumulation is independent of intracellular Ca²⁺ changes.

Respective roles of free radicals and energy supply in hypoxic rat liver injury after reoxygenation.

Long-term carcinogenesis studies on 2,3,7,8-tetrachlorodibenzo-p-dioxin and hexachlorodibenzo-p-dioxins.

A one-year carcinogenicity study with 2,6-dichlorobenzonitrile (Dichlobenil) in male Swiss mice: preliminary note.

Teratogenic effects of 2,3,7,8-tetrabromodibenzo-p-dioxin and three polybrominated dibenzofurans in C57BL/6N mice.

Vitamin A deficiency and the induction of cutaneous toxicity in murine skin by TCDD.

Effects of salicylate on hepatocyte lactate metabolism.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces cytochrome P450IA1 enzyme activity by activating transcription of the corresponding gene.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the hepatic estrogen and glucocorticoid receptors in congenic strains of Ah responsive and Ah nonresponsive C57BL/6J mice.

Morphological changes of isolated rat liver mitochondria during Fe²⁺/ascorbate-induced peroxidation and the effect of thiocitacid.

[The effect of finoptin on the metabolism and pharmacological action of cyclophosphane in vivo and in vitro].

A new method to monitor Kupffer cell phagocytosis continuously in perfused rat liver.

Sequence and immunological characterisation of ovine pancreatic lipase.

Influence of the Ah locus on the effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the hepatic epidermal growth factor receptor.

Conversion of retinol to retinal by rat liver microsomes.

Characteristics of induction of peroxisomal fatty acid oxidation-related enzymes in rat liver by drugs. Relationships between structure and inducing activity.

Esterase activity in rat hepatocytes.

NTP technical report on the toxicity studies of Cresols (CAS Nos. 95-48-7, 108-39-4, 106-44-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Effect of rat liver cytosolic enzymes and cofactors on mutagenicity of 1-amino-8-nitropyrene.

Monoclonal antibody-directed characterization of cytochrome P450 isozymes responsible for toluene metabolism in rat liver.

Absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) after low dose dermal exposure.

Evaluation of potential chemoprotectants against microcystin-LR hepatotoxicity in mice.

Human liver alcohol dehydrogenases catalyze the oxidation of the intermediary alcohols of the shunt pathway of mevalonate metabolism.

Mitochondrial phosphate transport. Import of the H⁺/Pi symporter and role of the presequence.

Isolation and characterization of cDNA clones to mouse macrophage and human endothelial cell tissue transglutaminases.

The induction of DNA strand breaks and formation of semiquinone radicals by metabolites of 2,4,5-trichlorophenol.

Evidence for the induction of an oxidative stress in rat hepatic mitochondria by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Relative roles of metabolism and renal excretory mechanisms in xenobiotic elimination by fish.

Effect of natural ageing and antioxidant inhibition on liver antioxidant enzymes, glutathione system, peroxidation, and oxygen consumption in *Rana perezi*.

Kinetic studies on toluene metabolism in ethanol- and phenobarbital-induced rat liver microsomes in vitro.

Effect of arsenicals on biliary excretion of endogenous glutathione and xenobiotics with glutathione-dependent hepatobiliary transport.

Effect of aclarubicin and doxorubicin on rat liver mitochondrial oxidative phosphorylation.

Increased copper concentrations in rat tissues after acute intoxication with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Gene expression, ontogeny and transplacental induction of hepatic UDP-glucuronosyl transferase activity in mice.

Ten- and ninety-day toxicity studies of 1,2-dichlorobenzene administered by oral gavage to Sprague-Dawley rats.

Characterization of the interaction of transformed rat hepatic cytosolic Ah receptor with a dioxin responsive transcriptional enhancer.

Characterization of the cytochrome P450 isozyme that metabolizes ochratoxin A, using metabolic inducers, inhibitors and antibodies.

Effect of different hypolipemic agents on rat liver peroxisomal and mitochondrial functions and biogenesis.

The major glutathione S-transferase in salmonid fish livers is homologous to the mammalian pi-class GST.

Regulation of 2-acetylaminofluorene- and 3-methylcholanthrene--mediated induction of multidrug resistance and cytochrome P450IA gene family expression in primary hepatocyte cultures and rat liver.

A comparative study of the effects of phebrol on the respiratory chains of rat liver, *Biomphalaria glabrata* and *Oncomelania nosophora*.

In vivo unwinding fluorimetric assay as evidence of the damage induced by fenarimol and DNOC in rat liver DNA.

Role of microtubuli in secretion of very-low-density lipoprotein in isolated rat hepatocytes: early effects of thiol reagents.

In vitro effects of L-ascorbic acid (vitamin C) on aryl hydrocarbon hydroxylase activity in hepatic microsomes of mice.

Inducible bilirubin-degrading system of rat liver microsomes: role of cytochrome P450IA1.

[Comparative study of the effectiveness of the classical and modified Cooper protocol for breast cancer chemotherapy].

[The efficiency of the action of alpha-tocopherol and its homologs on luminol-dependent chemiluminescence induced by (Fe²⁺ + NADP.H) and (Fe²⁺ + ascorbate) systems in rat liver microsomes].

The metabolism and excretion of prochloraz, an imidazole-based fungicide, in the rat.

Ah receptor in mice genetically "nonresponsive" for cytochrome P450IA1 induction: cytosolic Ah receptor, transformation to the nuclear binding state, and induction of aryl hydrocarbon hydroxylase by halogenated and nonhalogenated aromatic hydrocarbons in embryonic tissues and cells.

Complete amino acid sequence of human liver cytosolic alanine aminotransferase (GPT) determined by a combination of conventional and mass spectral methods.

A serine esterase released by human alveolar macrophages is closely related to liver microsomal carboxylesterases.

The liver, kidney, and thyroid toxicity of chlorinated benzenes.

Homogeneous distribution of phosphofructokinase in the rat liver acinus: a quantitative histochemical study.

The visualization of apoferritin in the secretory pathway of vertebrate liver cells.

Characterization of a novel glutathione S-transferase isoenzyme from mouse lung and liver having structural similarity to rat glutathione S-transferase 8-8.

Cis-inhibition and trans-stimulation of cationic amino acid transport in the perfused rat pancreas.

Effect of allyl alcohol on xanthine dehydrogenase activity in the perfused rat liver.

In-vitro hepatotoxicity of three dichlorobenzene isomers in human liver slices.

Alterations in protein synthesis in rat liver cells by in vitro and in vivo exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Mitochondrial 3- Δ^2 -trans-Enoyl-CoA isomerase. Purification, cloning, expression, and mitochondrial import of the key enzyme of unsaturated fatty acid beta-oxidation.

Effect of hepatotoxic chemicals and hypoxia on hepatic nonparenchymal cells: impairment of phagocytosis by Kupffer cells and disruption of the endothelium in rat livers perfused with colloidal carbon.

[Oxidative activity and $\Delta\psi$ of liver mitochondria of active and hibernating ground squirrels during various incubation conditions].

Glutathione depletion: its effects on other antioxidant systems and hepatocellular damage.

Expression of the core antigen gene of hepatitis B virus (HBV) in *Acetobacter methanolicus* using broad-host-range vectors.

Induction of a 31,000-dalton stress protein by prostaglandins D2 and J2 in porcine aortic endothelial cells.

Human aldehyde dehydrogenase. Activity with aldehyde metabolites of monoamines, diamines, and polyamines.

Dose-dependent acinar induction of cytochromes P450 in rat liver. Evidence for a differential mechanism of induction of P450IA1 by beta-naphthoflavone and dioxin.

Murine mdr-1, mdr-2, and mdr-3 gene expression: no coinduction with the Cyp1a-1 and Nmo-1 genes in liver by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Toxicity of 2,6-dichlorothiobenzamide (chlorthiamid) and 2,6-dichlorobenzamide in the olfactory nasal mucosa of mice.

The pyrimido-pyrimidine derivative RA-642: a potent inhibitor of ferrous-induced lipid peroxidation in cell membranes.

Sulphation of the flavonoids quercetin and catechin by rat liver.

Alterations of hepatic acetyl-CoA carboxylase by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Complete amino acid sequence of rat liver cytosolic alanine aminotransferase.

Potentiation of the toxicity of model hepatotoxicants by acetaminophen.

Effects of environmentally encountered epoxides on mouse liver epoxide-metabolizing enzymes.

Interaction between dietary vitamin A and single oral doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the TCDD-induced toxicity and on the vitamin A status in the rat.

In vitro cytotoxicity studies with the fish hepatoma cell line, PLHC-1 (*Poeciliopsis lucida*).

Uptake of corticosterone into isolated rat liver cells: possible involvement of Na⁺/K⁽⁺⁾-ATPase.

Evidence for the formation of a known toxin, p-cresol, from menthofuran.

Role of eicosanoids, inositol phosphates and extracellular Ca²⁺ in cell-volume regulation of rat liver.

Differential effects of insulin, epinephrine, and glucagon on rat hepatocyte mitochondrial activity.

Effects of chlordane on parameters of liver and muscle toxicity in man and experimental animals.

The synergistic effect of chlorinated chemicals (trichlorosalicylanilid, 4-chloro-m-cresol, trichlorophenoxyacetic acid, trichloroethanol, trichloromethiazide, trichlorofon and trichloroacetaldehyde) and low concentrations of griseofulvin on porphyrin metabolism.

[Acute toxicity, inductive effects of liver enzymes and distribution in the liver of 1,2,3,7,8-pentachlorodibenzo-p-dioxin in rats].

The inhibition of rat liver threonine dehydratase by carbamoyl-phosphate. The formation of carbamoylpyridoxal 5'-phosphate.

Induction of biotransformation in the liver of Eel (*Anguilla anguilla* L.) by sublethal exposure to dinitro-o-cresol: an ultrastructural and biochemical study.

Characterization and induction of xenobiotic metabolizing enzyme activities in a primary culture of rainbow trout hepatocytes.

Periportal hepatotoxicity due to allyl alcohol: a myriad of proposed mechanisms.

The possible role of phospholipase A2 in hepatic microsomal lipid peroxidation induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats.

Assessment of mitochondrial membrane potential as an indicator of cytotoxicity.

Regulation of mouse P(1)450 gene expression in monolayer-cultured hepatocytes from responsive and non-responsive strains.

Peroxisome proliferation and modulation of rat liver carcinogenesis by 2,4-dichlorophenoxyacetic acid, 2,4,5-trichlorophenoxyacetic acid, perfluorooctanoic acid and nafenopin.

Chronic effect of atrazine on hydromineral balance in the crab.

An evaluation of the redox cycling potencies of paraquat and nitrofurantoin in microsomal and lung slice systems.

Sublethal effects of 2,2-dichloropropionic acid (dalapon) on *Fossaria cubensis*, intermediate host of the liver fluke, *Fasciola hepatica*.

Toxicity of mixtures of parathion, toxaphene and/or 2,4-D in mice.

Effects of pentachlorophenol and other chemical preservatives on the health of wood-treating workers in Hawaii.

[Free amino acids of the liver and the characteristics of the amino acid metabolism in the liver and brain after cyanamide administration to rats].

Toxicokinetics of monochloroacetic acid: a whole-body autoradiography study.

[Free radicals in industrial medicine: their mechanisms of toxicity and biological relevance].

Ground-glass hepatocytes: light and electron microscopy. Characterization of the different types.

[The effect of chronic butyphos poisoning on protein and nucleic acid synthesis in various rat organs and activity of blood cholinesterase].

Chronic toxicity and oncogenicity of picloram in Fischer 344 rats.

The protective effect of sulfite on menadione- and diquat-induced cytotoxicity in isolated rat hepatocytes.

Evaluation of N-acetylcysteine and methylprednisolone as therapies for oxygen and acrolein-induced lung damage.

An assessment of the role of redox cycling in mediating the toxicity of paraquat and nitrofurantoin.

Metabolism of the arylamide herbicide propanil. I. Microsomal metabolism and in vitro methemoglobinemia.

Metabolism of the arylamide herbicide propanil. II. Effects of propanil and its derivatives on hepatic microsomal drug-metabolizing enzymes in the rat.

The effects of pesticides on some biochemical parameters of carp (*Cyprinus carpio* L.).

Initial accumulation of paraquat in the heart leading to acute death.

Chronic toxicity of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in mice.

Biological valuation of extra-corporeal techniques in acute poisoning.

A possible role for calcium in oxidative plant stress.

Free malondialdehyde levels in the urine of rats intoxicated with paraquat.

Role of catalase and oxidative stress in hepatic peroxisome proliferator-induced morphological transformation of Syrian hamster embryo cells.

Health status of Air Force veterans occupationally exposed to herbicides in Vietnam. I. Physical health.

In vivo and in vitro peroxisome proliferation properties of selected clofibrate analogues in the rat. Structure-activity relationships.

Effect of beta-naphthoflavone and MCPA on liver and kidney drug-metabolizing enzymes from the carp, *Cyprinus carpio*.

[Disulfiram and calcium carbimide. Mode of action, adverse effects and clinical use].

Glutathione disulfide as index of oxidant stress in rat liver during hypoxia.

Co-existence of hepatocyte ground-glass inclusions from several causes.

The determination of myeloperoxidase activity in liver.

gamma-Glutamyltranspeptidase-positive rat hepatocytes are protected from GSH depletion, oxidative stress and reversible alterations of collagen receptors.

NADPH- and NADH-dependent oxygen radical generation by rat liver nuclei in the presence of redox cycling agents and iron.

Paraquat inhibits the lipid peroxidation caused by carbon tetrachloride in guinea pig liver microsomes.

Sulfation-dependent formation of N-acetylated and deacetylated DNA adducts of N-hydroxy-4-acetylamino-biphenyl in male rat liver in vivo and in isolated hepatocytes.

[The effect of ethanol and the catalase inhibitor 3-amino-1,2,4-triazole on lipid peroxidation in rat liver homogenate and subcellular fractions].

Mechanisms of in vitro immunosuppression by hepatocyte-generated cyclophosphamide metabolites and 4-hydroperoxycyclophosphamide.

Immunohistochemical localization and dynamics of paraquat in small intestine, liver and kidney.

Comparison of uncoupling activities of chlorophenoxy herbicides in rat liver mitochondria.

Effects of sulfur-containing metabolites of hexachlorobenzene on the heme metabolic enzymes in rat liver.

Metabolism of the glutathione conjugate of propachlor by in situ perfused kidneys and livers of rats.

Formation of the 37-kD protein-acetaldehyde adduct in primary cultured rat hepatocytes exposed to alcohol.

Intestinal absorption of cationic and anionic ferric colloids and complexes: biochemical, histochemical and morphological observations in rats.

Effects of hepatic peroxisome proliferators and 12-O-tetradecanoyl phorbol-13-acetate on catalase and other enzyme activities of embryonic cells in vitro.

³²P-postlabeling analysis of binding of the cyclophosphamide metabolite, acrolein, to DNA.

Morphological transformation and catalase activity of Syrian hamster embryo cells treated with hepatic peroxisome proliferators, TPA and nickel sulphate.

Evaluation of genotoxic effects of the herbicide dicamba using in vivo and in vitro test systems.

Role of xanthine oxidase in ethanol-induced lipid peroxidation in rats.

Influence of aging on ethanol and acetaldehyde oxidation in female rat liver.

Effects of bioactivation inhibitors on covalent binding of 2-AAF to rat liver DNA in vivo and on hepatocytes cultures.

Metabolism of chlorpropham by adult rat hepatocytes co-cultured with a liver epithelial cell line.

Dose-related induction of rat hepatic drug-metabolizing enzymes by diuron and chlorotoluron, two substituted phenylurea herbicides.

Nuclear Ah receptor from mouse hepatoma cells: effect of partial proteolysis on relative molecular mass and DNA-binding properties.

Inhibition of growth by 2,3,7,8-tetrachlorodibenzo-p-dioxin in 5L rat hepatoma cells is associated with the presence of Ah receptor.

Multiple DNA-binding factors interact with overlapping specificities at the aryl hydrocarbon response element of the cytochrome P450IA1 gene.

The murine Cyp1a-1 gene negatively regulates its own transcription and that of other members of the aromatic hydrocarbon-responsive [Ah] gene battery.

Acetaldehyde-collagen adducts in CCl₄-induced liver injury in rats.

Expression of the chloramphenicol acetyltransferase (CAT) reporter gene by the murine Cyp1a-2 (cytochrome P3(450)) promoter in hepatoma cell cultures.

Arachidonic acid metabolism by dioxin-induced cytochrome P-450: a new hypothesis on the role of P-450 in dioxin toxicity.

Dioxin-inducible, Ah receptor-dependent transcription in vitro.

Equivalent molecular mass of cytosolic and nuclear forms of Ah receptor from Hepa-1 cells determined by photoaffinity labeling with 2,3,7,8-[³H]tetrachlorodibenzo-p-dioxin.

Functional analysis of the transcriptional promoter for the CYP1A1 gene.

The effect of TCDD on acyl CoA:retinol acyltransferase activity and vitamin A accumulation in the kidney of male Sprague-Dawley rats.

Formation of the 37KD protein-acetaldehyde adduct in liver during alcohol treatment is dependent on alcohol dehydrogenase activity.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced oxidative stress in female rats.

Regulation of polyamine biosynthesis by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Differences in the modulation of P450IA1 and epoxide hydratase expression by benz[a]anthracene and 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse embryo versus mouse hepatoma-derived cell lines.

Detection and characterization of [³H]2,3,7,8-tetrachlorodibenzo-p-dioxin binding to Ah receptor in a rainbow trout hepatoma cell line.

Induction of cytochrome P450IA1 in rat hepatoma cell by polycyclic hydrocarbons and a dioxin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-induced decrease in the fluidity of rat liver membranes.

Oxidative injury mediated by the hepatic cytochrome P-450 system in conjunction with cellular iron. Effects on the pathway of haem biosynthesis.

The mechanism of action of alpha-naphthoflavone as an inhibitor of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced CYP1A1 gene expression.

Influence of the Ah locus on the humoral immunotoxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: evidence for Ah-receptor-dependent and Ah-receptor-independent mechanisms of immunosuppression.

Xenobiotic-inducible expression of murine glutathione S-transferase Ya subunit gene is controlled by an electrophile-responsive element.

Evaluation of factors which affect column performance with immobilized monoclonal antibodies. Model studies with a lysozyme-antilysozyme system.

Effect of rhein on the glucose metabolism of Ehrlich ascites tumor cells.

Analysis of photoaffinity-labeled aryl hydrocarbon receptor heterogeneity by two-dimensional gel electrophoresis.

Differential toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C57BL/6J mice congenic at the Ah Locus.

Identification of cytochrome P450IA2 as a human autoantigen.

Stable expression of mouse Cyp1a1 and human CYP1A2 cDNAs transfected into mouse hepatoma cells lacking detectable P450 enzyme activity.

Preferential over-expression of the class alpha rat Ya2 glutathione S-transferase subunit in livers bearing aflatoxin-induced pre-neoplastic nodules. Comparison of the primary structures of Ya1 and Ya2 with cloned class alpha glutathione S-transferase cDNA sequences.

Lack of I-compounds in DNA from a spectrum of Morris hepatomas.

Partial characterization of mechanism of insulin accumulation in H35 hepatoma cell nuclei.

Hepatic steatosis in zebra fish (*Brachydanio rerio*) induced by long-term exposure to gamma-hexachlorocyclohexane.

Studies on the role of lipid peroxidation in the acute toxicity of TCDD in rats.

Brain phenylalanine and tyrosine levels and hepatic encephalopathy induced by CCl₄ in rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-inducible, Ah receptor-mediated bending of enhancer DNA.

Hormone-dependent phosphorylation of the glucocorticoid receptor occurs mainly in the amino-terminal transactivation domain.

Desferrioxamine-induced alterations in hepatic iron distribution, DNA damage and lipid peroxidation in control and 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

Relative teratogenicity of nitrofen analogs in mice: unchlorinated, monochlorinated, and dichlorinated-phenyl ethers.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on I-compounds in hepatic DNA of Sprague-Dawley rats: sex-specific effects and structure-activity relationships.

Differences in adenosine triphosphate dependency of receptor-mediated endocytosis of alpha 2-macroglobulin and insulin correlate with separate routes of ligand-receptor complex internalization.

Activation of heme oxygenase and heat shock protein 70 genes by stress in human hepatoma cells.

[Acute myelomonocytic leukemia with mastocytosis in bone marrow].

Ethylene dichloride: the influence of disulfiram or ethanol on oncogenicity, metabolism, and DNA covalent binding in rats.

Tissue distribution, metabolism, and excretion of 14C-TCDD in a TCDD-susceptible and a TCDD-resistant rat strain.

Relative toxicity and tumor-promoting ability of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), 2,3,4,7,8-pentachlorodibenzofuran (PCDF), and 1,2,3,4,7,8-hexachlorodibenzofuran (HCDF) in hairless mice.

Characterization of the Ah receptor mediating aryl hydrocarbon hydroxylase induction in the human liver cell line Hep G2.

Heat shock and arsenite increase expression of the multidrug resistance (MDR1) gene in human renal carcinoma cells.

Hypoxia and deposition of iron in liver and spleen of mice given iron supplement.

Mortality and morbidity among Army Chemical Corps Vietnam veterans: a preliminary report.

Dexamethasone-mediated potentiation of P450IA1 induction in H4IIEC3/T hepatoma cells is dependent on a time-consuming process and associated with induction of the Ah receptor.

The effects of TCDD on receptors for epidermal growth factor, glucocorticoid, and estrogen in Ah-responsive and -nonresponsive congenic mice and the effects of TCDD on estradiol metabolism in a liver tumor promotion model in female rats.

The specific DNA binding activity of the dioxin receptor is modulated by the 90 kd heat shock protein.

Differential enzyme induction of mouse liver and lung following a single low or high dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Reversible alteration in the expression of the gap junctional protein connexin 32 during tumor promotion in rat liver and its role during cell proliferation.

Preparation for human study of pesticide applicators: sister chromatid exchanges and chromosome aberrations in cultured human lymphocytes exposed to selected fumigants.

Absorption, distribution, excretion and metabolism of a single oral dose of [14C]tri-o-cresyl phosphate (TOCP) in the male rat.

Induction of ethoxyresorufin-O-deethylase and inhibition of glucocorticoid receptor binding in skin and liver of haired and hairless HRS/J mice by topically applied 2,3,7,8-tetrachlorodibenzo-p-dioxin.

A complex effect of arsenite on the formation of alpha-ketoglutarate in rat liver mitochondria.

Lung injury in Fischer but not Sprague-Dawley rats after short-term hyperoxia.

Mitochondrial respiratory inhibition by N-methylated beta-carboline derivatives structurally resembling N-methyl-4-phenylpyridine.

The association of selected cancers with service in the US military in Vietnam. III. Hodgkin's disease, nasal cancer, nasopharyngeal cancer, and primary liver cancer. The Selected Cancers Cooperative Study Group.

Changes in disposition kinetics of sulphadimidine in response to acute regional liver damage in sheep.

Rat hepatocytes; uptake and hydrolysis of xenobiotics.

Dual effect of amiodarone on mitochondrial respiration. Initial protonophoric uncoupling effect followed by inhibition of the respiratory chain at the levels of complex I and complex II.

Effects of the food mutagens MeIQx and PhIP on the expression of cytochrome P450IA proteins in various tissues of male and female rats.

The contribution of N-oxidation to the metabolism of the food-borne carcinogen 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline in rat hepatocytes.

[Effect of inflammatory mediators on respiration in rat liver mitochondria].

Metabolism and covalent binding of [¹⁴C]toluene by human and rat liver microsomal fractions and liver slices.

Carboxyatractylate-sensitive uncoupling in liver mitochondria from ground squirrels during hibernation and arousal.

Hepatic aryl hydrocarbon hydroxylase and cytochrome P450 induction following the transpulmonary absorption of TCDD from intratracheally instilled particles.

Prothymocyte activity is reduced by perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Lightly chlorinated ortho-substituted PCB congeners decrease dopamine in nonhuman primate brain and in tissue culture.

Cloning of the mitogen-activated S6 kinase from rat liver reveals an enzyme of the second messenger subfamily.

Partial purification and characterization of the Ca²⁺(+)-pumping ATPase of the liver plasma membrane.

Mechanisms of cyclophosphamide action on hepatic P-450 expression.

Self-catalyzed irreversible inactivation of rat hepatic aryl sulfotransferase IV by N-hydroxy-2-acetylaminofluorene.

S-oxygenation of thiobencarb (Bolero) in hepatic preparations from striped bass (*Morone saxatilis*) and mammalian systems.

Altered hepatic iron distribution and release in rats after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

delta-Aminolevulinic acid dehydratase in rat liver: studies on the effects of ethanol, acetaldehyde, and B6 vitamers.

Regulation of HMG-CoA reductase: identification of the site phosphorylated by the AMP-activated protein kinase in vitro and in intact rat liver.

Primary structure of avian hepatic rhodanese.

Evidence for the absence of cysteine S-conjugate N-acetyltransferase activity in the metabolism of propachlor, naphthalene, and dichlobanil in calves.

Binding of aromatic amines to the rat hepatic Ah receptor in vitro and in vivo and to the 8S and 4S estrogen receptor of rat uterus and rat liver.

Competitive binding affinity of carcinogenic aromatic amines to the rat hepatic aromatic hydrocarbon (Ah) receptor in vitro and potency to induce monooxygenase activity in vivo.

Inorganic arsenic methylation by rat tissue slices.

Complete amino acid sequence of rat kidney ornithine aminotransferase: identity with liver ornithine aminotransferase.

Purification and characterization of bovine liver 3-cis-2-trans-enoyl-CoA isomerase.

[Morphofunctional status of blood and bone marrow cells in acute experimental hepatitis induced by allyl alcohol].

Halothane impairs the bioenergetic functions of isolated rat liver mitochondria.

Immunosuppressive activities of polychlorinated biphenyls in C57BL/6N mice: structure-activity relationships as Ah receptor agonists and partial antagonists.

Endothall thioanhydride: structural aspects of unusually high mouse toxicity and specific binding site in liver.

The role of cytochromes P-450 and flavin-containing monooxygenase in the metabolism of (S)-nicotine by rabbit lung.

Glutathione enhancement in various mouse organs and protection by glutathione isopropyl ester against liver injury.

Involvement of cytochrome P-450c in alpha-naphthoflavone metabolism by rat liver microsomes.

Influence of antibiotics on intestinal tract survival and translocation of environmental *Pseudomonas* species.

Aryl hydrocarbon hydroxylase activity levels in the hepatic microsomal fraction from MC- or TCDD-treated mice: a comparison between aromatic hydrocarbon responsive and non-responsive strains.

Acquisition of aryl hydrocarbon hydroxylase inducibility by aromatic hydrocarbons in monolayer-cultured hepatocytes from nonresponsive mouse strains.

Isolation of rat liver spectrin and identification of functional domains.

Lipid peroxidation and antioxidant systems in the liver injury produced by glutathione depleting agents.

Multiple isoelectric variants of copper, zinc-superoxide dismutase from rat liver.

Comparison of polychlorinated dibenzodioxin levels with hepatic mixed-function oxidase induction in great blue herons.

Age-related DNA modifications (I-compounds): modulation by physiological and pathological processes.

Protein degradation in cultured fetal hepatocytes. Absence of an inhibitory effect of insulin.

Chemically induced hepatic cytosol from the Sprague-Dawley rat: evidence for specific binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin to components kinetically distinct from the Ah receptor.

A physiological pharmacokinetic description of the tissue distribution and enzyme-inducing properties of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat.

Metabolism of alachlor by rat and mouse liver and nasal turbinate tissues.

Selective affinity labeling of a 27-kDa integral membrane protein in rat liver and kidney with N-bromoacetyl derivatives of L-thyroxine and 3,5,3'-triiodo-L-thyronine.

Deuterium D(V/K) isotope effects on ethanol oxidation in hepatocytes: importance of the reverse ADH-reaction.

2,3,7,8-Tetrachlorodibenzo-p-dioxin pretreatment of female mice altered tissue distribution but not hepatic metabolism of a subsequent dose.

Purification and characterization of two porcine liver nuclear histone acetyltransferases.

Thionamides and arsenite inhibit specific T3 binding to the hepatic nuclear receptor.

The induction of alkoxyresorufin metabolism: a potential indicator of environmental contamination.

The hepatic Ah receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin: species differences in subunit dissociation.

Effects of TCDD on vitamin A status and liver microsomal enzyme activities in a TCDD-susceptible and a TCDD-resistant rat strain.

Peroxisomal bifunctional protein from rat liver is a trifunctional enzyme possessing 2-enoyl-CoA hydratase, 3-hydroxyacyl-CoA dehydrogenase, and delta 3, delta 2-enoyl-CoA isomerase activities.

The cytosolic concentration of phosphate determines the maximal rate of glycogenolysis in perfused rat liver.

Relative distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in human hepatic and adipose tissues.

Molecular cloning of human protein 4.2: a major component of the erythrocyte membrane.

Phenytoin 4-hydroxylation by rabbit liver P450IIC3 and identification of orthologs in human liver microsomes.

NAD(P)H: quinone oxidoreductase (DT-diaphorase) in chick embryo liver. Comparison to activity in rat and guinea pig liver and differences in co-induction with 7-ethoxyresorufin deethylase by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Purification to apparent homogeneity and partial amino acid sequence of rat liver O6-alkylguanine-DNA-alkyltransferase.

Effects of 3-methylsulphonyl-4,5,3',4'-tetrachlorobiphenyl and 7,8-benzoflavone on mouse liver aryl hydrocarbon hydroxylase activity in vitro.

Glutathione conjugation and cytochrome P-450 metabolism of methyl chloride in vitro.

Reactive metabolite formation catalysed by cytochrome P-450j.

Amino acid sequence of glutathione S-transferase b from guinea pig liver.

Effects of perfluoro-n-decanoic acid on the respiratory activity of isolated rat liver mitochondria.

Effects of selected chemicals on the glutathione status in the male reproductive system of rats.

The role of vitamin E in the hepatotoxicity by glutathione depleting agents.

Oxidative stress induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Oxidant-increased proteolysis in rat liver slices: effect of bromotrichloromethane, antioxidants and effectors of proteolysis.

Hepatotoxin-induced hypertauroinuria: a proton NMR study.

Possible roles of free radicals in alcoholic tissue damage.

Persistence of various polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDDs and PCDFs) in hepatic and adipose tissue of marmoset monkeys.

Differences in time course of hepatocyte and pancreocyte damage after incubation with trypsin, chymotrypsin and 2,4-dinitrophenol.

Disposition, elimination, and metabolism of tri-o-cresyl phosphate following daily oral administration in Fischer 344 male rats.

Metabolism of chloronitrobenzenes by isolated rat hepatocytes.

Inhibitory effect of paraquat on biotransformation of halothane in rabbit liver microsomes.

Cadmium-induced alterations of chlorpropham metabolism in isolated rat hepatocytes.

Diquat hepatotoxicity in the Fischer-344 rat: the role of covalent binding to tissue proteins and lipids.

[The mutagenicity of organic microcontamination in the environment. III. The mutagenicity of selected herbicides and insecticides in the SOS chromotest].

Calcium carbimide in alcoholism treatment. Part 2: Medical findings of a short-term, placebo-controlled, double-blind clinical trial.

Paraquat poisoning: per vagina.

[Photoallergic dermatitis caused by the herbicide phenmedipham].

[Hepatotoxicity induced by cyanamide. A review of the anatomicopathological changes apropos a case].

Evidence in vivo for elevation of intracellular free Ca²⁺ in the liver after diquat, acetaminophen, and CCl₄.

Effects of preconceptional and gestational exposure to Tordon 202c on fetal growth and development in CD-1 mice.

Production and toxicological application of anti-paraquat antibodies.

[A 73-year-old patient with discrete changes in hepatic biochemistry].

Immunotherapy for the treatment of acute paraquat poisoning.

[Paraquat poisoning: clinical and anatomopathologic aspects in 3 cases].

Effect of paraquat administered intraperitoneally on the nonpolar lipids of rabbits.

Interaction of hexachlorocyclohexane (HCH) and chlorpropham (CIPC) in male rats.

Mechanistic studies: their role in the toxicological evaluation of pesticides.

Mutagenicity of dipyridyls and their methylated derivatives in Salmonella typhimurium/rat liver microsome system.

Effect of cyanamide on transaminases and other serum proteins in the rat.

Effects of gestational exposure to Tordon 202c on fetal growth and development in CD-1 mice.

The role of peroxisomal fatty acyl-CoA beta-oxidation in bile acid biosynthesis.

[Toxicological and hygienic characteristics of sulfocarbathione].

The relation between the oxidative biotransformation of hexachlorobenzene and its porphyrinogenic activity.

Effects of cholesterol feeding on the distribution, metabolism, and accumulation of pentachlorobenzene in rats.

Allyl alcohol-induced hemolysis and its relation to iron release and lipid peroxidation.

Mitochondria and xanthine oxidase both generate reactive oxygen species in isolated perfused rat liver after hypoxic injury.

Cyanamide and its calcium form: do they differ with respect to their action on the liver cell?
Experimental study in the rat.

Stereoselective sulfation of R,S-4'-hydroxypropranolol by canine hepatic cytosol and partially purified phenolsulfotransferases.

The metabolism of sulfite in liver. Stimulation of sulfate conjugation and effects on paracetamol and allyl alcohol toxicity.

Allyl alcohol- and acrolein-induced toxicity in isolated rat hepatocytes.

The role of sulfation in the metabolic activation of N-hydroxy-4'-fluoro-4-acetylamino-biphenyl.

Formation of cyclic 1,N2-propanodeoxyguanosine and thymidine adducts in the reaction of the mutagen 2-bromoacrolein with calf thymus DNA.

Metabolism of triiodothyronine in rat hepatocytes.

Ubiquitous formation of catalase compound II in hemoglobin-free perfused rat liver and detection of novel spectral species.

Changes in catalase, glutathione peroxidase and glutathione-S-transferase activities in the liver of newts exposed to 2-methyl-4-chlorophenoxyacetic acid (MCPA).

Inactivation of low-K_m rat liver mitochondrial aldehyde dehydrogenase by cyanamide in vitro. A catalase-mediated reaction.

The role of specific DNA adducts in the induction of micronuclei by N-hydroxy-2-acetylaminofluorene in rat liver in vivo.

Methoxyflurane enhances allyl alcohol hepatotoxicity in rats. Possible involvement of increased acrolein formation.

Drug-induced hydrogen peroxide production in isolated rat hepatocytes.

Disposition of 2,4-dichlorophenoxyacetic acid dimethylamine by Fischer 344 rats dosed orally and dermally.

Changes in the inducibility of a hepatic aldehyde dehydrogenase by various effectors.

Superoxide dismutase and alpha-tocopherol suppress the paraquat-induced elevation of N1-acetylspermidine and putrescine in primary culture of adult rat hepatocytes.

Catalase is needed to avoid tissue peroxidation in *Rana perezi* in normoxia.

Comparative effects of pair-feeding and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on various biochemical parameters in female rats.

Biological activity of 2,4,8-trichlorodibenzofuran: promotion of rat liver foci and induction of cytochrome P-450-dependent monooxygenases.

Alteration of the acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) by estradiol and tamoxifen.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-inducible aryl hydrocarbon receptor-mediated change in CYP1A1 chromatin structure occurs independently of transcription.

The adrenocorticotrophic hormone (ACTH)-induced reversal of hemorrhagic shock.

Photoaffinity labeling of the nuclear Ah receptor from mouse Hepa 1c1c7 cells using 2,3,7,8-[³H]tetrachlorodibenzo-p-dioxin.

Species and strain sensitivity to the induction of peroxisome proliferation by chloroacetic acids.

Acute toxicity of perfluorodecanoic acid in C57BL/6 mice differs from 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Medical monitoring of dioxin clean-up workers.

[Noncirrhotic liver fibrosis after chronic arsenic poisoning].

The potential role of DNA methylation in the response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effect of tetrachlorodibenzo-p-dioxin (TCDD) on the glucuronidation of retinoic acid in the rat.

Evaluation of the carcinogenic potential of pesticides. 1. Acifluorfen.

Effect of subacute low level dietary sodium arsenite on dogs.

Oxidation of diethyldithiocarbamate to disulfiram by liver microsomal cytochrome P-450-containing monooxygenase system.

Species differences in estrogen receptors and in the response to 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced porphyria in genetically inbred mice: partial antagonism and mechanistic studies.

Cottonseed meal (gossypol) toxicosis in a swine herd.

Transcriptional start site in the mouse Cyp1a1 (cytochrome P1450) gene.

Marked increases in hepatic NAD(P)H:oxidoreductase gene transcription and mRNA levels correlated with a mouse chromosome 7 deletion.

Suppression of aryl hydrocarbon hydroxylase activity in human primary lung carcinoma x mouse hepatoma somatic cell hybrids.

Induction of cytochrome P450-dependent monooxygenase activities in rat hepatoma H-4-IIIE cells in culture by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds: mechanistic studies using radiolabeled congeners.

Effect of galactose on interaction of N-(2-hydroxypropyl)methacrylamide copolymers with hepatoma cells in culture: preliminary application to an anticancer agent, daunomycin.

Induction of aryl hydrocarbon hydroxylase and demonstration of a specific nuclear receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in two human hepatoma cell lines.

Teratology of 2,3,7,8-tetrachlorodibenzo-p-dioxin in a complex environmental mixture from the love canal.

The biochemical toxicity of perfluorodecanoic acid in the mouse is different from that of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Mortality in an area contaminated by TCDD following an industrial incident.

Tumor cell permeability to peplomycin.

Subunit structure of the erythropoietin receptor.

Characteristics of 2,3,7,8-tetrachlorodibenzo-p-dioxin induced endotoxin hypersensitivity: association with hepatotoxicity.

Ten-year mortality study of the population involved in the Seveso incident in 1976.

³¹P and ¹³C NMR studies of isolated perfused hematopoietic cells from leukemic mice.

Regulation of mouse CYP1A1 gene expression by dioxin: requirement of two cis-acting elements during induction.

Control of glycogen synthase and phosphorylase in hepatocytes from diabetic rats. Effects of glucagon, vasopressin, and vanadate.

Mitochondrial function in carbon tetrachloride-induced cirrhosis in the rat. Qualitative and quantitative defects.

Affinity purification of active plasminogen activator inhibitor-1 (PAI-1) using immobilized anhydrourokinase. Demonstration of the binding, stabilization, and activation of PAI-1 by vitronectin.

Target tissue morphology and serum biochemistry following 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure in a TCDD-susceptible and a TCDD-resistant rat strain.

Induction of cytochrome P450IA1 in mouse hepatoma cells by several chemicals. Phenobarbital and TCDD induce the same form of cytochrome P450.

Tyrosine phosphorylation of the insulin receptor is not required for receptor internalization: studies in 2,4-dinitrophenol-treated cells.

2-(4'-chlorophenyl)benzothiazole is a potent inducer of cytochrome P450IA1 in a human and a mouse cell line. Anomalous correlation between protein and mRNA induction.

Effect of hepatic failure toxins on regenerative enzymes in the liver after injury with galactosamine in the rat.

2,2',4,4',5,5'-hexachlorobiphenyl as a 2,3,7,8-tetrachlorodibenzo-p-dioxin antagonist in C57BL/6J mice.

Cyanide and arsenic poisoning by intravenous injection.

Inducible (class 3) aldehyde dehydrogenase from rat hepatocellular carcinoma and 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated liver: distant relationship to the class 1 and 2 enzymes from mammalian liver cytosol/mitochondria.

6-Methyl-1,3,8-trichlorodibenzofuran (MCDF) as a 2,3,7,8-tetrachlorodibenzo-p-dioxin antagonist in C57BL/6 mice.

Immunotoxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in a complex environmental mixture from the Love Canal.

Update of mortality among chemical workers with potential exposure to the higher chlorinated dioxins.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on lipid synthesis and lipogenic enzymes in the rat.

[The specific effects of new phenoxyacetic acid derivatives at the cellular membrane level].

Regulation of cytochrome P1-450 gene expression in mouse hepatoma cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Activation of transcription as a general mechanism of 2,3,7,8-tetrachlorodibenzo-p-dioxin action.

Lymphocyte stem cell alterations following perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Follow-up of subjects who developed chloracne following TCDD exposure at Seveso.

Effects of commercial chlorophenolate, 2,3,7,8-TCDD, and pure phenoxyacetic acids on hepatic peroxisome proliferation, xenobiotic metabolism and sister chromatid exchange in the rat.

Activation of cytochrome P450IA1 gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin in wild-type and high-activity variant mouse hepatoma cells.

Dioxins and furans in the mother and possible effects on the fetus and newborn breast-fed baby.

Ferritin subunits in livers of siderotic mice.

Use of rat liver altered focus models for testing chemicals that have completed two-year carcinogenicity studies.

Amino acid sequence variations in protein AA of cats with high and low incidences of AA amyloidosis.

Ligand-dependent interaction of the dioxin receptor with target DNA.

Specific protein-DNA interactions at a xenobiotic-responsive element: copurification of dioxin receptor and DNA-binding activity.

Collagens of normal and cirrhotic human liver.

Differential [32P]-labeling of chemically induced stress proteins in S-phase mouse lymphoma cells.

Variability within mammalian sorbitol dehydrogenases. The primary structure of the human liver enzyme.

Phenobarbital-inducible gene expression in developing rat liver: relationship to hepatocyte function.

Diacytosis of asialoglycoprotein in isolated hepatocytes is dependent on the structure of ligand and cellular distribution of the receptors.

Long-chain fatty acids act as protonophoric uncouplers of oxidative phosphorylation in rat liver mitochondria.

Extracellular calcium alleviates cell toxicity due to hepatotoxins that induce lipid peroxidation, but has no effect on toxins that do not cause lipid peroxidation. A study in isolated rat hepatocytes.

Biphasic response for hepatic microsomal enzyme induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57BL/6J and DBA/2J mice.

Further studies on the 37 kD liver protein-acetaldehyde adduct that forms in vivo during chronic alcohol ingestion.

[The induction of the beta state of the comuton regulation of mitochondrial oxidative phosphorylation by 2,4-DNP and malonate].

Effect of ofurace, oxadixyl, and alachlor on xenobiotic biotransformation in the rat liver.

Primary structure of a ribonuclease from bullfrog (*Rana catesbeiana*) liver.

Effect of dietary lipids and vitamin E on in vitro lipid peroxidation in rat liver and kidney homogenates.

S-oxygenation of eptam in hepatic microsomes from fresh- and saltwater striped bass (*Morone saxatilis*).

Marked alterations in retinoid homeostasis of Sprague-Dawley rats induced by a single i.p. dose of 10 micrograms/kg of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Diaziquone-induced cytotoxicity in isolated rat hepatocytes.

Selective mouse breeding for short ethanol sleep time has led to high levels of hepatic aromatic hydrocarbon (Ah) receptor.

Metabolism of the glutathione-acrolein adduct, S-(2-aldehydo-ethyl)glutathione, by rat liver alcohol and aldehyde dehydrogenase.

Development and validation of in vitro induction assays for toxic halogenated aromatic mixtures: a review.

Acetone compared to other ketones in modifying the hepatotoxicity of inhaled 1,2-dichlorobenzene in rats and mice.

Decreased activation of carcinogens in the liver of carcinogen-resistant rats.

The metabolism of pentachlorobenzene by rat liver microsomes: the nature of the reactive intermediates formed.

Variable porosity of the mitochondrial inner membrane induced by energization.

Sulphotransferase-mediated activation of the carcinogen 5-hydroxymethyl-chrysene. Species and sex differences in tissue distribution of the enzyme activity and a possible participation of hydroxysteroid sulphotransferases.

Biochemical mechanism of GSH depletion induced by 1,2-dibromoethane in isolated rat liver mitochondria. Evidence of a GSH conjugation process.

Molecular cloning of cDNA for proteasomes (multicatalytic proteinase complexes) from rat liver: primary structure of the largest component (C2).

Effects of the new nitrosourea derivative, fotemustine, on the glutathione reductase activity in rat tissues in vivo and in isolated rat hepatocytes.

Microcontaminants and reproductive impairment of the Forster's tern on Green Bay, Lake Michigan--1983.

Comparison of uptake kinetics in freshly isolated suspensions and short-term primary cultures of rat hepatocytes.

Ah receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver: lack of sensitivity to alkaline phosphatase when compared with that of glucocorticoid receptor.

Is lipid peroxidation associated with DNA damage?

Regional ligand domain is involved in scavenger receptor-mediated recognition of maleyl-albumin by rat sinusoidal liver cells.

Intracellular lipoproteins as carriers for 2,3,7,8-tetrachlorodibenzo-p-dioxin and benzo(a)pyrene in rat and mouse liver.

Structural differences between the glucocorticoid, dioxin and oxysterol receptors from rat liver cytosol.

Characterization of 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated decreases in dexamethasone binding to rat hepatic cytosolic glucocorticoid receptor.

Intestinal-like alkaline phosphatase expressed in normal human adult kidney.

4-(2-amino-1-methylimidazo[4,5-b]pyrid-6-yl)phenyl sulfate--a major metabolite of the food mutagen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in the rat.

Presence of multiple species of polypeptides immunologically related to transcription factor TFIIIA in adult *Xenopus* tissues.

Characterization of multiple forms of the Ah receptor: comparison of species and tissues.

Hyperosmolarity inhibits galactosyl receptor-mediated but not fluid phase endocytosis in isolated rat hepatocytes.

The presence of chlorophenols and their conjugates in Finnish human adipose and liver tissues.

Sodium arsenite induced alterations in bilirubin excretion and heme metabolism.

Deuterium isotope effects as a tool in the study of ethanol oxidation in rat liver microsomes.

Stimulation of in vivo hepatic uptake and in vitro hepatic binding of [¹²⁵I]2-Iodo-3,7,8-trichlorodibenzo-p-dioxin by the administration of agonist for the Ah receptor.

[125I]2-iodo-3,7,8-trichlorodibenzo-p-dioxin-binding species in mouse liver induced by agonists for the Ah receptor: characterization and identification.

NTP Toxicology and Carcinogenesis Studies of 2,4-Dichlorophenol (CAS No. 120-83-2) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Release of a volatile factor from solutions of oxazaphosphorines which damage normal and malignant cells.

Inducible bilirubin-degrading system in the microsomal fraction of rat liver.

Benzoyl peroxide interaction with mitochondria: inhibition of respiration and induction of rapid, large-amplitude swelling.

Management of acute iron overdose.

Purification and properties of goat liver catalase: two pH optima.

Detection and characterization of a low affinity form of cytosolic Ah receptor in livers of mice nonresponsive to induction of cytochrome P1-450 by 3-methylcholanthrene.

Prevention of cytotoxicity and inhibition of intercellular communication by antioxidant catechins isolated from Chinese green tea.

The primary structure of rabbit liver mitochondrial serine hydroxymethyltransferase.

[The effect of hepatotoxins on the activity of organelle-specific enzymes and metabolism of liver lipids].

[Tissue distribution, inductive effect on liver enzymes and acute toxicity of 2,3,4,7,8-pentachlorodibenzofuran in Golden Syrian hamsters].

The effect of chlorinated chemicals on porphyrin metabolism--the synergistic effect with chlorinated chemicals and low concentrations of griseofulvin.

Disposition and elimination of three polychlorinated dibenzofurans in the liver of the rat.

In-vitro biotransformation of 3-nitropropanol (miserotoxin aglycone) by horse liver alcohol dehydrogenase.

Decreased ligand binding to the hepatic glucocorticoid and epidermal growth factor receptors after 2,3,4,7,8-pentachlorodibenzofuran and 1,2,3,4,7,8-hexachlorodibenzofuran treatment of pregnant mice.

Relative contributions of protein sulfhydryl loss and lipid peroxidation to allyl alcohol-induced cytotoxicity in isolated rat hepatocytes.

Deuterium isotope effects on toluene metabolism. Product release as a rate-limiting step in cytochrome P-450 catalysis.

Iron stimulation of free radical-mediated porphyrinogen oxidation by hepatic and renal mitochondria.

The distribution of [14C]-2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and its effect on the vitamin A content in parenchymal and stellate cells of rat liver.

Interactions of rutaecarpine alkaloids with specific binding sites for 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver.

Induction of hepatic cytochrome P450 gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Complete amino acid sequence of chicken liver acyl carrier protein derived from the fatty acid synthase.

Preparation of diastereomeric beta-d-glucuronides of the bronchodilator procaterol using immobilized rabbit liver microsomal enzymes.

In vivo and in vitro studies of the hepatotoxic effects of 4-chlorophenol in mice.

NTP Toxicology and Carcinogenesis Studies of Two Pentachlorophenol Technical-Grade Mixtures (CAS No. 87-86-5) in B6C3F1 Mice (Feed Studies).

Use of primary cultures of human hepatocytes in toxicology studies.

Uptake of colchicine, a microtubular system disrupting agent, by isolated rat hepatocytes.

Biliary excretion of acetaminophen-glutathione as an index of toxic activation of acetaminophen: effect of chemicals that alter acetaminophen hepatotoxicity.

Influence of 2,3-dimercaptopropane-1-sulfonate and dimercaptosuccinic acid on the mobilization of mercury from tissues of rats pretreated with mercuric chloride, phenylmercury acetate or mercury vapors.

Oxidation of aldehydic products of lipid peroxidation by rat liver microsomal aldehyde dehydrogenase.

The cyanogen bromide fragment I of asialoorosomuroid is transported more efficiently than asialoorosomuroid in rat hepatocytes.

Activation of the food-derived mutagen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine by rabbit and human liver microsomes and purified forms of cytochrome P-450.

Molecular differences between rat-liver and rat-kidney biliverdin reductase. Implications for their in vivo regulation.

Effect of redox potential on rat liver F1-ATPase.

Cholinesterase inhibition by organophosphorus and carbamate pesticides in aggregate cultures of neural cells from the foetal rat brain: The effects of metabolic activation and pesticide mixtures.

Roller Chamber Technique in Cell Toxicology.

Detection of reactive metabolites in vitro.

Comparative dermal absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin and three polychlorinated dibenzofurans.

Short-term effects of chlorophenols on the function and viability of primary cultured rat hepatocytes.

Role of carboxylesterase in protection against soman toxicity.

[Effectiveness of hepatoprotective agents in experimental allyl alcohol poisoning].

Effect of splenectomy on heparin treatment in allyl-alcohol-traumatized rat liver.

Metabolism of transplacental carcinogens.

Effect of quinidine on the hepatic uptake of digoxin in guinea pigs.

Influence of aging on chemically induced hepatotoxicity: role of age-related changes in metabolism.

Cytosol components from human placenta and rat liver in iodothyronine 5- and 5'-deiodination.

[The effect of pollen on the changes in the liver of laboratory rats evoked by ethionine, carbon tetrachloride, allyl alcohol and galactosamine].

The inhibition of lipid peroxidation by disulfiram prevents the killing of cultured hepatocytes by allyl alcohol, tert-butyl hydroperoxide, hydrogen peroxide and diethyl maleate.

Lipid peroxidation-dependent and -independent protein thiol modifications in isolated rat hepatocytes: differential effects of vitamin E and disulfiram.

Inducibility of liver cytosolic aldehyde dehydrogenase activity in various animal species.

Polybrominated naphthalene and diiodobenzene interactions with specific binding sites for 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver cytosol.

Binding of chlorinated benzidines to the rat hepatic aromatic hydrocarbon receptor.

Metabolic activation of hydroquinone by macrophage peroxidase.

The in vitro metabolites of 2,4,6-trichlorophenol and their DNA strand breaking properties.

Effect of cellular function inhibitors on the infection of Frp/3 cells by hepatitis A virus.

Polychlorinated biphenyls (PCBs): mutagenicity and carcinogenicity.

Aspects of allyl alcohol toxicity.

Nucleic acid binding and mutagenicity of active metabolites of 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline.

Health and reproductive outcomes among American Legionnaires in relation to combat and herbicide exposure in Vietnam.

Light and electron microscopic study of the liver in paraquat poisoning.

[Changes in the glucosephosphate dehydrogenase activity in the liver and blood of albino rats after poisoning with chloride-containing pesticides].

Evaluation of the carcinogenic risk of the phenoxyherbicide MCPA to an urodele amphibian.

Influence of bipyridylium compounds on microsomal mixed-function oxidation activities.

Evaluation of propanil and its N-oxidized derivatives for genotoxicity in the Salmonella typhimurium reversion, Chinese hamster ovary/hypoxanthine guanine phosphoribosyl transferase, and rat hepatocyte/DNA repair assays.

[Liver biochemical tests in paraquat intoxication].

Lethal injury by diquat redox cycling in an isolated hepatocyte model.

Determination of paraquat from formalin-fixed tissue.

Liver membrane calcium transport in diquat-induced oxidative stress in vivo.

Inhibition of mouse hepatocyte intercellular communication by paraquat-generated oxygen free radicals.

[The mutagenicity of organic microcontaminants in the environment. I. The mutagenicity of selected herbicides and insecticides in the Salmonella microsome test (Ames test) with regard to the pathogenic potency of contaminated ground and drinking water].

Activation of the microsomal glutathione-S-transferase and reduction of the glutathione dependent protection against lipid peroxidation by acrolein.

Effect of diquat on the distribution of iron in rat liver.

[Liver lesion caused by cyanamide. Study of a case and review of the bibliography].

An evaluation of the genotoxic potential of glyphosate.

Relationships between intracellular vitamin E, lipid peroxidation, and chemical toxicity in hepatocytes.

Induction of hepatic peroxisome proliferation in mice by lactofen, a diphenyl ether herbicide.

[Lysosomal hydrolase activity in the liver of rats with chronic sulfocarbathione poisoning].

Lipid peroxidation and tissue injury by ferric citrate in paraquat-intoxicated mice.

Toxicity and distribution of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in developing chick embryos.

Genotoxicity of a variety of hydrazine derivatives in the hepatocyte primary culture/DNA repair test using rat and mouse hepatocytes.

Carcinogenicity and genotoxicity of the herbicide 2,4,5-trichlorophenoxyethanol (TCPE) contaminated with dioxin.

Lysosomal and cytosolic enzyme release as a measure of organelle specific toxicity in cultured rat liver slices.

The role of N-sulfation in the N-hydroxy-2-acetylaminofluorene-mediated outgrowth of diethylnitrosamine-initiated hepatocytes to gamma-glutamyltranspeptidase-positive foci in male rat liver.

Increased oxygen radical-dependent inactivation of metabolic enzymes by liver microsomes after chronic ethanol consumption.

Reactive oxygen species during ischemia-reflow injury in isolated perfused rat liver.

The effect of iron overload on the mitochondrial porphyrin level in the hexachlorobenzene induced experimental porphyria.

Effects of 2-methyl-4-chlorophenoxyacetic acid on the catalase liver activity of chicken embryos.

[Effect of cyanamide on the level of endogenous ethanol in the liver of normal rats and in hypocorticism].

DNA damage in stomach, kidney, liver and lung of rats treated with atrazine.

Mitochondria as the primary site of acetaldehyde metabolism in beef and pig liver slices.

Carbon tetrachloride toxicity on *Escherichia coli* exacerbated by superoxide.

Toxic consequence of the abrupt depletion of glutathione in cultured rat hepatocytes.

Oxidative cell injury in the killing of cultured hepatocytes by allyl alcohol.

Environmental stress and parasitic infections: I. The effects of Gramoxone and Hexadrin on embryo and hatching of *Fasciola gigantica* miracidia.

Role of thiols in the in-vitro methylation of inorganic arsenic by rat liver cytosol.

Metabolizing systems in cell culture cytotoxicity tests.

Significance of alterations in hepatic antioxidant enzymes. Primacy of glutathione peroxidase.

Characterization of the activation of rat liver glutathione S-transferases by nonsubstrate ligands.

Depletion of hepatic glutathione by ethanol occurs independently of ethanol metabolism.

Identification of the hepatic cytochrome P-450 isozymes induced and decreased by picloram.

Inhibition of rat liver glutathione S-transferase isoenzymes by acrolein.

Mutagenicity and in vitro covalent DNA binding of 2-hydroxyamino-3-methylimidazo[4,5-f]quinoline.

Interaction of 1,4-benzoquinone and 2,4-dichlorophenoxyacetic acid with microsomal glutathione transferase from rat liver.

Acute effects of the aldehyde dehydrogenase inhibitors, disulfiram, pargyline and cyanamide, on circulating ketone body levels in the rat.

Chlorophenoxyacid herbicides induce microsomal cytochrome P-450 IVA1 (P-452) in rat liver.

Effects of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP), cyperquat (MPP+) and paraquat on isolated mitochondria from rat striatum, cortex and liver.

Evidence for hydroxyl free radical formation during paraquat but not for nifurtimox liver microsomal biotransformation. A dimethyl-sulfoxide scavenging study.

DNA adduct formation by alachlor metabolites.

Effect of chronic ethanol treatment under partial catalase inhibition on the activity of enzymes related to peroxide metabolism in rat liver and heart.

Inhibition of rat liver aldehyde dehydrogenases by acrolein.

Low level chemiluminescence from isolated rat hepatocytes, intact lung and intestine in situ.

Altered regulation of P-450IA1 expression in a multidrug-resistant MCF-7 human breast cancer cell line.

Organ-specific effects of long term feeding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 1,2,3,7,8-pentachlorodibenzo-p-dioxin on I-compounds in hepatic and renal DNA of female Sprague-Dawley rats.

The aromatic hydrocarbon receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin and variable levels of induced aryl hydrocarbon hydroxylase activity in clones of mouse hepatoma cells.

Physicochemical characterization of the nuclear form of Ah receptor from mouse hepatoma cells exposed in culture to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The DNA recognition site for the dioxin-Ah receptor complex. Nucleotide sequence and functional analysis.

Increases in cytochrome P-450 mediated 17 beta-estradiol 2-hydroxylase activity in rat liver microsomes after both acute administration and subchronic administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin in a two-stage hepatocarcinogenesis model.

Interrelationship of number of glucose carriers and intracellular phosphoribosyl diphosphate level of Ehrlich ascites tumor cells in vitro.

Steroid hormones and medications that alter cancer risks.

Immunological abnormalities 17 years after accidental exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Induction of heme oxygenase in rat hepatoma cells by exposure to heavy metals and hyperthermia.

Association of the Ah receptor with the 90-kDa heat shock protein.

Human dioxin-inducible cytosolic NAD(P)H:menadione oxidoreductase. cDNA sequence and localization of gene to chromosome 16.

Biochemical and functional effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the heart of female rats.

Hepatic ATP content and hyperammonemia induced by CCl₄ in rats.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on de novo fatty acid and cholesterol synthesis in the rat.

Differential gene expression in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). Noncoordinate regulation of a TCDD-induced aldehyde dehydrogenase and cytochrome P-450c in the rat.

The acute toxicity of 2,3,4,7,8-pentachlorodibenzofuran (4PeCDF) in the male Fischer rat.

Intermediary metabolism of 2,6-dichlorobenzonitrile (dichlobenil) in chickens and growth of chickens fed dichlobenil.

A third genetic locus affecting the Ah (dioxin) receptor.

Virucidal efficacy of physico-chemical treatments against coronaviruses and parvoviruses of laboratory animals.

Hepatic failure toxins depress liver regenerative enzymes after periportal injury with allyl alcohol in the rat.

Differentiation of erythroid progenitor (CFU-E) cells from mouse fetal liver cells and murine erythroleukemia (TSA8) cells without proliferation.

Evidence for two independent pathways of insulin-receptor internalization in hepatocytes and hepatoma cells.

An immunotoxicological evaluation of 4,4'-thiobis-(6-t-butyl-m-cresol) in female B6C3F1 mice. 1. Body and organ weights, hematology, serum chemistries, bone marrow cellularity, and hepatic microsomal parameters.

Characterization of the Ah receptor and aryl hydrocarbon hydroxylase induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin and benz(a)anthracene in the human A431 squamous cell carcinoma line.

Comparison of gene expression in preneoplastic and neoplastic rat liver to adult, fetal, regenerating, and tumor-promoted liver.

DNA binding properties of dioxin receptors in wild-type and mutant mouse hepatoma cells.

Biologic and toxic effects of polychlorinated dibenzo-p-dioxin and dibenzofuran congeners in the guinea pig. Quantitative structure-activity relationships.

Evaluation of spermatogenesis and sperm quality in the rat following acute inhalation exposure to methyl bromide.

Expression of the primary biliary cirrhosis antigens in yeast: aspects of mitochondrial control.

The effect of age on the glucuronidation and toxicity of 4,4'-thiobis(6-t-butyl-m-cresol).

The cytogenetic and hepatotoxic effects of dioxin on mouse liver cells.

Perfluoro-n-decanoic acid: induction of peroxisomal beta-oxidation by a fatty acid with dioxin-like toxicity.

Glutathione S-transferase Ya subunit gene: identification of regulatory elements required for basal level and inducible expression.

Evidence that 2,3,7,8-tetrachlorodibenzo-p-dioxin induces NADPH cytochrome c (P-450) reductase in rat hepatoma cells in culture.

Responses of the L5178Y tk+/tk- mouse lymphoma cell forward mutation assay: III. 72 coded chemicals.

Abnormal methylation capacity in human liver cirrhosis.

Dietary iron and 2,3,7,8-tetrachlorodibenzo-p-dioxin induced alterations in hepatic lipid peroxidation, glutathione content and body weight.

Modulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in F344 rats by di(2-ethylhexyl)phthalate.

Mortality among California highway workers.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in yellow perch (*Perca flavescens*).

Morphologic lesions and acute toxicity in rainbow trout (*Salmo gairdneri*) treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effect of some uremic toxins on oxygen consumption of rats in vivo and in vitro.

Effects of TCDD-estradiol interactions in three strains of mice.

Rabbit serum hypertriglyceridemia after administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Tissue-specific alterations of de novo fatty acid synthesis in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treated rats.

Potentially hazardous residues of non-ortho chlorine substituted coplanar PCBs in human adipose tissue.

TCDD receptor ligands present in extracts of urban air particulate matter induce aryl hydrocarbon hydroxylase activity and cytochrome P-450c gene expression in rat hepatoma cells.

The activator protein for glucosylceramide beta-glucosidase from guinea pig liver. Improved isolation method and complete amino acid sequence.

Subchronic metabolic effects and toxicity of a simulated pulp mill effluent on juvenile lake trout, *Salmo trutta m. lacustris*.

Differential arrest of secretory protein transport in cultured rat hepatocytes by azide treatment.

Uptake of technetium 99m hepatobiliary imaging agents by cultured rat hepatocytes.

Uroporphyrin accumulation in cultured chick embryo hepatocytes: comparison of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3,4,3',4'-tetrachlorobiphenyl.

Assessment of the relative hazard involved with airborne irritants with additional hepatotoxic or nephrotoxic properties in mice.

Hydroperoxide metabolism of amphibia: tissue catalases of leopard frogs.

Amino acid sequence of the ribonuclease inhibitor from porcine liver reveals the presence of leucine-rich repeats.

Radioligand-dependent differences in the molecular properties of the mouse and rat hepatic aryl hydrocarbon receptor complexes.

Coinduction of MDR-1 multidrug-resistance and cytochrome P-450 genes in rat liver by xenobiotics.

Oxidation of N-butyl-N-(3-formylpropyl)nitrosamine to N-butyl-N-(3-carboxypropyl)nitrosamine in rat liver and inhibition by disulfiram.

Protective murine monoclonal antibodies to tetanus toxin.

Effects of chlorobenzenes and their methyl sulfone metabolites on microsomal enzymes associated with drug metabolism in rat liver.

Transplacental induction of cytochromes P-450IA1 and P-450IA2 by polycyclic aromatic carcinogens: TCDD-binding protein level as the rate-limiting step.

Choline accumulation in isolated rat hepatocytes.

Metabolism and excretion of etoposide in isolated, perfused rat liver models.

Complete amino acid sequence of the thioesterase domain of chicken liver fatty acid synthase.

Interaction of nitrite with catalase in the perfused rat liver.

The metabolism of acetaldehyde and not acetaldehyde itself is responsible for in vivo ethanol-induced lipid peroxidation in rats.

The effects of perfluorodecanoic acid on hepatic stearyl-coenzyme A desaturase and mixed function oxidase activities in rats.

Sources of calcium mobilized by glucagon in isolated rat hepatocytes.

Substrate preference of a cytosolic aldehyde dehydrogenase inducible in rat liver by treatment with 3-methylcholanthrene.

Crystal violet as an uncoupler of oxidative phosphorylation in rat liver mitochondria.

Regulatory mechanisms of monofunctional and bifunctional anticarcinogenic enzyme inducers in murine liver.

[The role of rat liver microsomes in the metabolism of methylmethacrylate to formaldehyde].

Expression of the 31-kD stress protein in rat myoblasts and hepatocytes.

Polyacrylamide concentration gradient gel electrophoresis of the 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) receptor in rat liver cytosol.

Comparison of in vivo and in vitro methods for assessing the effects of carbon tetrachloride on the hepatic drug-metabolizing enzyme system.

Amino acid sequence of rat liver cathepsin L.

Nitrofurantoin-mediated oxidative stress cytotoxicity in isolated rat hepatocytes.

Specificity of rabbit cytochrome P-450 isozymes involved in the metabolic activation of the food derived mutagen 2-amino-3-methylimidazo[4,5-f] quinoline.

4-Hydroxynonenal and other lipid peroxidation products are formed in mouse liver following intoxication with allyl alcohol.

Isolation and cDNA sequence of human postheparin plasma hepatic triglyceride lipase.

NTP Toxicology and Carcinogenesis Studies of Monuron (CAS No. 150-68-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Uptake of copper by mouse hepatocytes.

Hepatotoxicity of cyclophosphamide in man: pharmacokinetic analysis.

Are lysosomal enzymes involved in rapid damage in vertebrate muscle cells? A study of the separate pathways leading to cellular damage.

Purification of the Ah receptor from C57BL/6J mouse liver.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the hepatic distribution of iron, copper, zinc, and magnesium in rats.

Trout P450IA1: cDNA and deduced protein sequence, expression in liver, and evolutionary significance.

Plasma gamma-hexachlorocyclohexane concentrations in forestry workers exposed to lindane.

Immunological characterization of thioltransferase from pig liver.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes increases in expression of c-erb-A and levels of protein-tyrosine kinases in selected tissues of responsive mouse strains.

Partial characterization of specific cantharidin binding sites in mouse tissues.

Promotion of iron-induced rat liver microsomal lipid peroxidation by copper.

Theophylline metabolism by human, rabbit and rat liver microsomes and by purified forms of cytochrome P450.

Amino acid sequence of porcine heart fumarase.

Identification of hormone-interacting amino acid residues within the steroid-binding domain of the glucocorticoid receptor in relation to other steroid hormone receptors.

Induction of heat shock proteins in short-term cultured hepatocytes derived from normal and chronically griseofulvin-treated mice.

Glycogenolysis in the rat isolated perfused liver as a measure of chemically induced liver toxicity.

Suppression of splenic lymphocyte function by 7,12-dimethylbenz[a]anthracene (DMBA) in vitro.

Effect of extracellular Ca⁺⁺ omission on isolated hepatocytes. II. Loss of mitochondrial membrane potential and protection by inhibitors of uniport Ca⁺⁺ transduction.

Qualitative and quantitative differences in the induction and inhibition of hepatic benzo[a]pyrene metabolism in the rat and hamster.

Antidotal effects of deferrioxamine in experimental liver injury--role of lipid peroxidation.

Induction of hepatic DNA single strand breaks in rats by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

The interaction of MgADP with H⁺-ATPase in rat liver mitochondria.

Effects of SH-modifying reagents on the rat hepatic Ah receptor: inhibition of ligand binding and transformation, and disruption of the ligand-receptor complex.

Binding characteristics of Ah receptors from rats and mice before and after separation from hepatic cytosols. 7-Hydroxyellipticine as a competitive antagonist of cytochrome P-450 induction.

Complete covalent structure of 60-kDa esterase isolated from 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced rabbit liver microsomes.

Localization of high benzaldehyde dehydrogenase activity in rat upper gastrointestinal tract mucosa: a quantitative histochemical study.

Class III human liver alcohol dehydrogenase: a novel structural type equidistantly related to the class I and class II enzymes.

Effects of piperine on bioenergetic functions of isolated rat liver mitochondria.

Mutagenicity, comutagenicity, and antimutagenicity of erythrosine (FD and C red 3), a food dye, in the Ames/Salmonella assay.

Structural characterization of recombinant hepatitis B surface antigen protein by mass spectrometry.

Complete amino acid sequence of rat liver 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase.

Hepatic toxicity of paraquat in primary cultures of rat hepatocytes.

Comparison of the action of epinephrine and a respiratory chain uncoupler, 2,4-dinitrophenol, on Ca²⁺-mobilization in isolated hepatocytes and perfused livers.

Modulation of the mutagenic effects of 2-amino-3-methylimidazo[4,5-f]quinoline (IQ) and 2-amino-3,4-dimethylimidazo[4,5-f]quinoline (MeIQ) in bacteria with rat-liver 9000 x g supernatant or monolayers of rat hepatocytes as an activation system.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes an increase in protein kinases associated with epidermal growth factor receptor in the hepatic plasma membrane.

1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP), its metabolite cyperquat (MPP⁺) and energy transduction in mitochondria from rat striatum and liver.

[Hepatic ornithine decarboxylase activity of rats induced by administration of 2-nitro-p-cresol and sodium deoxycholate].

Pharmacokinetics and biological activity of 2,3,7,8-tetrachlorodibenzo-p-dioxin. 1. Dose-dependent tissue distribution and induction of hepatic ethoxyresorufin O-deethylase in rats following a single injection.

Induction of cytosolic and microsomal epoxide hydrolases in mouse liver by peroxisome proliferators, with special emphasis on structural analogues of 2-ethylhexanoic acid.

Metabolic activation of alpha-naphthoflavone by 2,3,7,8-tetrachlorodibenzodioxin-induced rat liver microsomes.

Stimulatory and inhibitory effects of sodium salts on adenylate cyclase of rat liver. Implications for salt modulation of guanine nucleotide-binding regulatory component function.

Comparison of the effects of carbon tetrachloride and of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the disposition of linoleic acid in rat liver in vitro.

Development of hepatocytes in the pancreas of hamsters treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Inhibition of mitochondrial respiration by mepivacaine].

Differences between chick and turkey embryos in sensitivity to 3,3',4,4'-tetrachloro-biphenyl and in concentration/affinity of the hepatic receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effect of monooxygenase inducers and inhibitors on the hepatic metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat and hamster.

Inhibition of lipid peroxidation by disulfiram and diethyldithiocarbamate does not prevent hepatotoxin-induced cell death in isolated rat hepatocytes. A study with allyl alcohol, tert-butyl hydroperoxide, diethyl maleate, bromoisovalerylurea and carbon tetrachloride.

Allyl alcohol cytotoxicity and glutathione depletion in isolated periportal and perivenous rat hepatocytes.

Hepatic Ah-receptor levels and the effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on hepatic microsomal monooxygenase activities in a TCDD-susceptible and -resistant rat strain.

Hepatotoxicity induced by the herbicide atrazine in the rat.

Mutagenicity of chloroaniline/lignin metabolites in the Salmonella/microsome assay.

Cytotoxicity of the redox cycling compound diquat in isolated hepatocytes: involvement of hydrogen peroxide and transition metals.

[Effect of ethanol and the catalase inhibitor aminotriazole on the activity of antioxidative enzymes in the rat liver and heart].

Acute, pharmacokinetic, and subchronic toxicological studies of 2,4-dichlorophenoxyacetic acid.

Evidence for participation of lipid peroxidation and iron in diquat-induced hepatic necrosis in vivo.

Cyanamide hepatotoxicity. Incidence and clinico-pathological features.

The effect of tridiphane (2-(3,5-dichlorophenyl)-2-(2,2,2-trichloroethyl)oxirane) on hepatic epoxide-metabolizing enzymes: indications of peroxisome proliferation.

[Cyanamide hepatotoxicity: various forms of presentation. Apropos of 2 cases].

Cohort mortality study of chemical workers with potential exposure to the higher chlorinated dioxins.

Specific polyclonal and monoclonal antibody prevents paraquat accumulation into rat lung slices.

Effect of BCNU pretreatment on diquat-induced oxidant stress and hepatotoxicity.

Effect of tridiphane on reproductive parameters in Fischer 344 rats.

Dietary toxicity of picloram herbicide in rats.

Bipyridylium herbicide toxicity: effects of paraquat and diquat on isolated rat hepatocytes.

Paraquat poisoning: clinical features and immediate general management.

Responses of the L5178Y tk⁺/tk⁻ mouse lymphoma cell forward mutation assay to coded chemicals. I: Results for nine compounds.

Effect of aminotriazole on mercury uptake by the fetus of normal and acatalasemic mice exposed to metallic mercury.

Evidence that the flux control coefficient of the respiratory chain is high during gluconeogenesis from lactate in hepatocytes from starved rats. Implications for the hormonal control of gluconeogenesis and action of hypoglycaemic agents.

Metabolic basis of ethylene glycol monobutyl ether (2-butoxyethanol) toxicity: role of alcohol and aldehyde dehydrogenases.

Effect of aldehyde dehydrogenase inhibitors on the ex vivo sensitivity of human multipotent and committed hematopoietic progenitor cells and malignant blood cells to oxazaphosphorines.

Treatment of adverse digitalis effects by hemoperfusion through columns with antidigoxin antibodies bound to agarose polyacrolein microsphere beads.

Allyl alcohol liver injury: suppression by ethanol and relation to transient glutathione depletion.

Autoradiographic studies on in vivo covalent binding of N-hydroxy-2-acetylaminofluorene in rat liver containing gamma-glutamyltranspeptidase-positive foci. The effect of the sulfation-inhibitor pentachlorophenol.

Inhibition by pentachlorophenol of the initiating and promoting activities of 1¹-hydroxysafrole for the formation of enzyme-altered foci and tumors in rat liver.

Initiation of hepatocarcinogenesis in infant male B6C3F1 mice by N-hydroxy-2-aminofluorene or N-hydroxy-2-acetylaminofluorene depends primarily on metabolism to N-sulfooxy-2-aminofluorene and formation of DNA-(deoxyguanosin-8-yl)-2-aminofluorene adducts.

Metabolism of tridiphane (2-(3,5-dichlorophenyl)-2(2,2,2-trichloroethyl)oxirane) by hepatic epoxide hydrolases and glutathione S-transferases in mouse.

Alterations in brain aldehyde dehydrogenase activity modify ethanol-induced conditioned taste aversion.

The effect of pretreatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin on the hepatic metabolism of 2,4,5-trichlorophenoxyacetate (2,4,5-T) and 2,4-dichlorophenoxyacetate (2,4,-D).

Further characterization of the ability of hepatocarcinogens to lower rat liver aryl sulfotransferase activity.

Regulation of hepatic sulfotransferase catalyzing the activation of N-hydroxyarylamide and N-hydroxyarylamine by growth hormone.

Model study on the bioreduction of paraquat, MPP+, and analogs. Evidence against a "redox cycling" mechanism in MPTP neurotoxicity.

N-acetylcysteine and glutathione-dependent protective effect of PZ51 (Ebselen) against diquat-induced cytotoxicity in isolated hepatocytes.

Effects of picloram on xenobiotic biotransformation in rat liver.

Evidence for involvement of non-biliary excretion into the intestines in the formation of methylsulphonyl-containing metabolites of 2-chloro-N-isopropylacetanilide (propachlor) by swine and rats.

Evidence for the generation of transaminase inhibitor(s) during ethanol metabolism by rat liver homogenates: a potential mechanism for alcohol toxicity.

Role of acetaldehyde in ethanol-induced increase in the activity of phosphatidate phosphatase in rat liver.

Selective measurement of hepatic triglyceride lipase and lipoprotein lipase in rat postheparin plasma with pentachlorophenol and dichlorodiphenyltrichloroethane.

Role of acetaldehyde in the ethanol-induced impairment of hepatic glycoprotein secretion in the rat in vivo.

Respective roles of the microsomal ethanol oxidizing system and catalase in ethanol metabolism by deermice lacking alcohol dehydrogenase.

The oxidation of acrolein by rat liver aldehyde dehydrogenases. Relation to allyl alcohol hepatotoxicity.

Induction of cytosolic and microsomal epoxide hydrolases and proliferation of peroxisomes and mitochondria in mouse liver after dietary exposure to p-chlorophenoxyacetic acid, 2,4-dichlorophenoxyacetic acid and 2,4,5-trichlorophenoxyacetic acid.

Glucagon treatment of rats activates the respiratory chain of liver mitochondria at more than one site.

The role of acrolein in allyl alcohol-induced lipid peroxidation and liver cell damage in mice.

Effects of doxorubicin on mouse heart catalase.

Rate determining factors of ethanol oxidation in hepatocytes from starved and fed rats: effect of acetaldehyde concentration on the rate of NADH oxidation catalyzed by alcohol dehydrogenase.

Ethanol metabolism in alcohol dehydrogenase deficient deermice is mediated by the microsomal ethanol oxidizing system, not by catalase.

Metabolism of cyanamide to cyanide and an inhibitor of aldehyde dehydrogenase (ALDH) by rat liver microsomes.

Changes of the liver UDP-glucuronosyltransferase activity in trout (*Salmo gairdneri* Rich.) acutely exposed to selected aquatic toxicants.

Mechanisms of mitochondrial photosensitization by the cationic dye, N,N-bis(2-ethyl-1,3-dioxylene)kryptocyanine (EDKC): preferential inactivation of complex I in the electron transport chain.

Dietary iron and broiler performance.

Immunosuppression following exposure to 7,12-dimethylbenz[a]anthracene (DMBA) in Ah-responsive and Ah-nonresponsive mice.

Effect of excess iron in milk replacer on calf performance.

Isolation of a calcium-sensitive, 35,000-dalton microfilament- and liposome-binding protein from ascites tumor cell microvilli: identification as monomeric calpactin.

Pleiotropic drug resistance in hepatocytes induced by carcinogens administered to rats.

Effects of vitamin A and/or thyroidectomy on liver microsomal enzymes and their induction in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

Significance of mirex-caused hypoglycemia and hyperlipidemia in rats.

A method to quantitate the relative initiating and promoting potencies of hepatocarcinogenic agents in their dose-response relationships to altered hepatic foci.

Stimulation of DNA synthesis in rat and mouse liver by various tumor promoters.

Tumor accumulation of D-selenomethionine-⁷⁵Se in tumor-bearing mice.

Quantitative stereological evaluation of four histochemical markers of altered foci in multistage hepatocarcinogenesis in the rat.

Regulation of cytochrome P-450c in differentiated and dedifferentiated rat hepatoma cells: role of the Ah receptor.

In situ protein-DNA interactions at a dioxin-responsive enhancer associated with the cytochrome P1-450 gene.

alpha-Naphthoflavone metabolized by 2,3,7,8-tetrachlorodibenzo(p)dioxin-induced rat liver microsomes: a potent clastogen in Chinese hamster ovary cells.

Inactivation of *Bacillus piliformis* spores by heat and certain chemical disinfectants.

Pleiotropic effect of the gene hairless on hepatotoxicity of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in mice.

Hydroxyl radical generation by microsomes after chronic ethanol consumption.

Uptake and binding of teniposide (VM26) in Krebs II ascites cells.

The effect of cephalosporin antibiotics on alcohol metabolism: a review.

Structure-activity studies of the hepatocarcinogenicities of alkenylbenzene derivatives related to estragole and safrole on administration to preweanling male C57BL/6J x C3H/HeJ F1 mice.

Carcinogenic effects of infantile and long-term 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment in the mouse.

Catalase in cultured skin fibroblasts from patients with the cerebro-hepato-renal (Zellweger) syndrome: normal maturation in peroxisome-deficient cells.

Stress-induced thermotolerance of the cytoskeleton of mouse neuroblastoma N2A cells and rat Reuber H35 hepatoma cells.

The receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in the mouse hepatoma cell line Hepa 1c1c7. A comparison with the glucocorticoid receptor and the mouse and rat hepatic dioxin receptors.

Cytogenetic studies on 1,1-dichloroethylene and its two isomers in mammalian cells in vitro and in vivo.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the lactating rat on maternal and neonatal vitamin A status.

Quantitative cancer risk assessments for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Drug-induced cholestasis.

Clinical reports on plasma exchange in the Kidney Center, Tokai University School of Medicine.

A nonendocytotic mechanism for the selective uptake of high density lipoprotein-associated cholesterol esters.

Oral toxicity of trichlorobenzyl chloride and its acid derivative.

Embryotoxicity and fetotoxicity of orally administered tridiphane in mice and rats.

Sendai-viral HN and F glycoproteins as probes of plasma-membrane protein catabolism in HTC cells. Studies with fusogenic reconstituted Sendai-viral envelopes.

Hepatic encephalopathy. Application of visual evoked responses to test hypotheses of its pathogenesis in rats.

Fatal iron intoxication in late pregnancy.

Experimental and clinical studies on the reproductive toxicology of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

No evidence for reactive oxygen damage in ischemia-reflow injury.

Effect of a sublethal dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin on interscapular brown adipose tissue of rats.

Porphyriurias and occupational disease.

The role of necrosis in hepatocellular proliferation and liver tumors.

[Follow-up of patients with chloracne in the Seveso area].

Increased permeability of the rat biliary tree by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) treatment and protection by hepatoactive agents.

Structural studies and isolation of cDNA clones providing the complete sequence of rat liver dihydropteridine reductase.

An increase in cerebral benzodiazepine receptors induced by a subacute administration of ammonia, mercaptans and short-chain fatty acids in rats.

Cantharidin poisoning associated with specific binding site in liver.

Interactions of glucagon and glucagon analogs with isolated canine hepatocytes.

Metabolism and excretion of gallium arsenide and arsenic oxides by hamsters following intratracheal instillation.

Effects of methyl (+)(3S)-1,2,3,4-tetrahydro-3-hydroxy-methyl-beta-carboline-2- carbodithioate (THC), a new hepatoprotective agent, on acute liver injuries induced by various hepatotoxic substances in mice and rats.

[Alanine aminotransferase activity of the blood serum and liver of rats after exposure to chemical substances].

Role of fibronectin on the clearance and tissue uptake of antigen and immune complexes in rats.

4-Chloro-4'-biphenylol as an uncoupler and an inhibitor of mitochondrial oxidative phosphorylation.

Cloning of cDNAs coding for the heavy chain region and connecting region of human factor V, a blood coagulation factor with four types of internal repeats.

Effect of age and sex on allyl alcohol hepatotoxicity in rats: role of liver alcohol and aldehyde dehydrogenase activities.

Rat hepatic mitochondria are more sensitive to allyl alcohol than are those of mice.

Studies on the mechanism of acetaldehyde-mediated inhibition of rat liver transaminases.

[Comparative evaluation of hepatotropic substances using various experimental models].

The role of iron in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced lipid peroxidation by rat liver microsomes.

Involvement of the prostatic steroid-binding protein in the transfer of ligand to the dioxin receptor.

Relationship between the murine Ah phenotype and the hepatic uptake and metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The molybdate-stabilized nonactivated glucocorticoid receptor contains a dimer of Mr 90,000 non-hormone-binding protein.

Rat liver 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase. Identification of essential sulfhydryl residues in the primary sequence of the enzyme.

Chemically-induced formation of an inhibitor of hepatic uroporphyrinogen decarboxylase in inbred mice with iron overload.

Influence of proteinase inhibitors and substrates on 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-binding capacity of the rat hepatic Ah receptor.

Histopathology of acute toxic responses in selected tissues from rats exposed by inhalation to methyl bromide.

Uptake and specific binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the olfactory mucosa of mice and rats.

TCDD (2,3,7,8-tetrachlorodibenzo-p-dioxin) causes an increase in protein tyrosine kinase activities at an early stage of poisoning in vivo in rat hepatocyte membranes.

alpha-Naphthoflavone antagonism of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced murine lymphocyte ethoxoresorufin-O-deethylase activity and immunosuppression.

Comparison of the acute toxicity of endothal and cantharidic acid on mouse liver in vivo.

Changes in thyroid hormones and thyroxine glucuronidation in hamsters compared with rats following treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effect of allyl alcohol-induced sublethal hepatic damage upon doxorubicin metabolism and toxicity in the rabbit.

Enhancement of rat liver microsomal metabolism of azoxymethane to methylazoxymethanol by chronic ethanol administration: similarity to the microsomal metabolism of N-nitrosodimethylamine.

The purification and characterization of glutathione S-transferase from the hepatopancreas of the blue crab, *Callinectes sapidus*.

The primary structure of pig liver thioltransferase.

Spectral interaction between 4-methylphenol and beta-oestradiol on hepatic microsomal cytochrome P-450: difference between ethanol and phenobarbital pretreatment.

[Stimulation by quinones of cyanide-resistant respiration in rat liver and heart mitochondria].

Sequence analysis of a cDNA clone encoding the liver cell adhesion molecule, L-CAM.

Dose-dependent elevation of Ah receptor binding by TCDD in rat liver.

The primary structure of rabbit liver cytosolic serine hydroxymethyltransferase.

Hepatic cyclic GMP formation is regulated by similar factors that modulate activation of purified hepatic soluble guanylate cyclase.

Structure of the class II enzyme of human liver alcohol dehydrogenase: combined cDNA and protein sequence determination of the pi subunit.

The binding components for 2,3,7,8-tetrachlorodibenzo-p-dioxin and polycyclic aromatic hydrocarbons. Separation from the rat and mouse hepatic cytosol and characterization of a light density component.

[Effects of phenol and related compounds on erythrocytes and hepatocytes from rats and dipalmitoyl phosphatidylcholine-liposomes].

Species-dependent expression and induction of homologues of rabbit cytochrome P-450 isozyme 5 in liver and lung.

In vitro cytotoxicity of allyl alcohol and bromobenzene in a novel organ culture system.

Preliminary studies on the primary structure of rat liver dihydropteridine reductase.

Examination of the structural requirements for proliferation of peroxisomes and mitochondria in mouse liver by hypolipidemic agents, with special emphasis on structural analogues of 2-ethylhexanoic acid.

Isolation and characterization of a polarized isolated hepatocyte preparation in the skate *Raja erinacea*.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced lipid peroxidation in hepatic and extrahepatic tissues of male and female rats.

Changes in plasma proteins in rats treated for short periods with hepatotoxins or with agents which induce cytochrome P450 isoenzymes.

Sulphotransferase-mediated covalent binding of the carcinogen 7,12-dihydroxymethylbenz[a]anthracene to calf thymus DNA and its inhibition by glutathione transferase.

Transcriptional control of human cytochrome P1-450 gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin in human tissue culture cell lines.

Heterogeneity of the rat hepatic Ah receptor and evidence for transformation in vitro and in vivo.

ATP depletion causes a reversible redistribution and inactivation of a subpopulation of galactosyl receptors in isolated rat hepatocytes.

Mutagenicity of the C-nitroso analog of fenitrothion.

Circadian alterations in prolactin, corticosterone, and thyroid hormone levels and down-regulation of prolactin receptor activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Biosynthesis of four rat liver mitochondrial acyl-CoA dehydrogenases: in vitro synthesis, import into mitochondria, and processing of their precursors in a cell-free system and in cultured cells.

Covalent binding to DNA and mutagenicity of 2,4-diaminotoluene metabolites produced by isolated hepatocytes and 9000 g supernatant from Fischer 344 rats.

TCDD, dietary iron and hepatic iron distribution in female rats.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic and uterine estrogen receptor levels in rats.

Characterization of the in vitro stability of the rat hepatic receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Structure and function of the Ah receptor: sulfhydryl groups required for binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin to cytosolic receptor from rodent livers.

Amino acid sequence of S-adenosyl-L-homocysteine hydrolase from rat liver as derived from the cDNA sequence.

Impaired calcium sequestration activity in liver microsomes from fasted rats.

Hepatic indices of thyroid status in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Rat liver NAD(P)H: quinone reductase nucleotide sequence analysis of a quinone reductase cDNA clone and prediction of the amino acid sequence of the corresponding protein.

Enhanced uptake of carnitine by perfused rat liver following starvation.

Glycogenolytic, noninsulin-like effects of vanadate on rat hepatocyte glycogen synthase and phosphorylase.

The Ca²⁺-dependent actions of the alpha-adrenergic agonist phenylephrine on hepatic glycogenolysis differ from those of vasopressin and angiotensin.

Monoxygenase induction by various xenobiotics and its influence on rat liver microsomal metabolism of chrysene in comparison to benz[a]anthracene.

Comparative effects of BHA and ascorbic acid on the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats.

[Excretory function of the liver with an allyl alcohol lesion and the antioxidant correction of the disorders].

Alcohol-induced hepatotoxicity: a role for oxygen free radicals.

Differential expression of cytochrome P-450 1 and related forms in rabbit liver and kidney.

A dynamic liver culture system: a tool for studying chemical biotransformation and toxicity.

The study of mutagenic activity of carcinogens and other chemical agents with Salmonella typhimurium assays: testing of 126 compounds.

Effect of thyroidectomy on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced lipid peroxidation.

Measurement of in vivo lipid peroxidation and toxicological significance.

7-ethoxycoumarin O-deethylation in perfused livers from ethanol-fed rats: evidence for an important role of mitochondrial reducing equivalents.

Polychlorinated biphenyls and related compound interactions with specific binding sites for thyroxine in rat liver nuclear extracts.

Relationship of basic research in toxicology to environmental standard setting: the case of polybrominated biphenyls in Michigan.

Role of protein kinase C in the regulation of rat liver glycogen synthase.

[Action of a dental anesthetic on cell respiration].

Different effects of 2,4-dinitrophenol on rat liver mitochondrial oxidation of various substrates: succinate and glutamate vs 3-hydroxybutyrate and glycerol 3-phosphate.

Electron spin resonance studies on isolated hepatocytes treated with ferrous or ferric iron.

Molecular cloning and primary structure of myelin-associated glycoprotein.

Synthetic seleno-organic compound with glutathione peroxidase-like activity in the chick.

Lack of genotoxic and cytotoxic effects of the herbicide lenacil on mouse tumor cells and on some *Salmonella typhimurium* strains.

Acute, 14-day repeated dosing, and 90-day subchronic toxicity studies of potassium picloram.

The toxicity of 2,4-dichlorophenoxyacetic acid to the adult crested newt.

Cytotoxic effects of paraquat and inhibition of them by vitamin E.

Hepatic disease associated with ground-glass inclusions in hepatocytes after cyanamide therapy.

Role of redox cycling and lipid peroxidation in bipyridyl herbicide cytotoxicity. Studies with a compromised isolated hepatocyte model system.

A light and electron microscopic study of the regenerative epithelium in the intrahepatic bile duct. Experimental study of local direct instillation of paraquat into the intrahepatic bile ducts of rats.

[Toxicologo-hygienic evaluation of morphological changes in the liver of animals exposed to butyl esters of 2,4-D and 2,4,5-T (2,4-DB, 2,4,5-TB) and their combinations].

Health effects of phenoxy herbicides. A review.

Bioavailability of dioxin in soil from a 2,4,5-T manufacturing site.

Further studies of lipid peroxidation in human paraquat poisoning.

Similarity of isozyme pattern of serum lactate dehydrogenase following treatments with O,O,S-trimethyl phosphorothioate and paraquat.

Multicenter evaluation of ultrafiltration, dialysis, and thermal coagulation as sample pretreatment methods for the colorimetric determination of paraquat in blood and tissues.

Sulfuric acid esters as major ultimate electrophilic and hepatocarcinogenic metabolites of 4-aminoazobenzene and its N-methyl derivatives in infant male C57BL/6J x C3H/HeJ F1 (B6C3F1) mice.

Effects of ascorbic acid in vivo on the fatty acid composition of the tissues of mice treated with Gramoxone.

Review of recent Vietnamese studies on the carcinogenic and teratogenic effects of phenoxy herbicide exposure.

Effects of oxidative stress caused by hyperoxia and diquat. A study in isolated hepatocytes.

Occupational exposures to chlorophenoxy herbicides.

Effects of various thiols on paraquat toxicity.

[Characteristics of an experimental model of alcoholic cardiomyopathy by diagnostic enzyme tests].

Glutathione depletion as a determinant of sensitivity of human leukemia cells to cyclophosphamide.

Cytotoxicity, DNA cross-linking, and single strand breaks induced by activated cyclophosphamide and acrolein in human leukemia cells.

Bacterial infection and acute lung injury in hamsters.

[Changes in the content and activity of liver and lung microsomal enzymes in experimental pneumonia and their possible correction].

Porphyrins and pentachlorophenol in rat-liver mitochondria in hexachlorobenzene-induced porphyria.

Mechanism of hepatotoxicity to periportal regions of the liver lobule due to allyl alcohol: role of oxygen and lipid peroxidation.

Inhibition of CO₂ production from aminopyrine or methanol by cyanamide or crotonaldehyde and the role of mitochondrial aldehyde dehydrogenase in formaldehyde oxidation.

Action of some pesticides on T₄ to T₃ conversion in cultured kidney and liver cells in the presence or absence of cysteine.

Metabolism of the "mixed" cytochrome P-450 inducer hexachlorobenzene by rat liver microsomes.

Differential inhibition of rat tissue catalase by cyanamide.

Kinetics of sulfation in the rat in vivo and in the perfused rat liver.

Comparative effect of chemical structure of chlorinated N-hydroxy-N-acyl-aminobiphenyl ethers and their related compounds on rat liver cytosol-catalyzed transacylation.

Comparative studies on the mechanisms of paraquat and 1-methyl-4-phenylpyridine (MPP⁺) cytotoxicity.

The role of mitochondrial glutathione and cellular protein sulfhydryls in formaldehyde toxicity in glutathione-depleted rat hepatocytes.

Effect of 3-amino-1,2,4-triazole pretreatment on ethanol blood levels after intraperitoneal administration.

A comparative study of the regulation of cytochrome P-450 and glutathione transferase gene expression in rat liver.

The reduction of dithiobis(2-nitrobenzoate) by rat liver mitochondria.

Induction of rat hepatic microsomal epoxide hydrolase by substituted urea herbicides.

Interaction of 2,4-dichlorophenoxyacetate (2,4-D) and 2,4,5-trichlorophenoxyacetate (2,4,5-T) with the acyl-CoA: amino acid N-acyltransferase enzymes of bovine liver mitochondria.

Metabolism and disposition of ortho-benzyl-para-chlorophenol in male rats.

The metabolism of xenobiotics by certain extrahepatic organs and its relation to toxicity.

Increased spontaneous chemiluminescence from liver homogenates and isolated hepatocytes upon inhibition of O₂⁻ and H₂O₂ utilization.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on IgA serum and bile levels in rats.

Clinical laboratory manifestations of exposure to dioxin in children. A six-year study of the effects of an environmental disaster near Seveso, Italy.

Impaired ketogenesis in iron-deficient rat pups.

The cytosolic receptor binding affinities and AHH induction potencies of 29 polynuclear aromatic hydrocarbons.

Lack of direct effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on protein kinase C activity in EL4 cells.

Hematotoxic effects of 3,5-dinitro-4-chloro-alpha,alpha,alpha-trifluorotoluene, a water contaminant.

The effects of Love Canal soil extracts on maternal health and fetal development in rats.

Synthesis, biologic and toxic effects of the major 2,3,7,8-tetrachlorodibenzo-p-dioxin metabolites in the rat.

Regression of methyl bromide-induced forestomach lesions in the rat.

Polychlorinated dibenzo-p-dioxins: quantitative in vitro and in vivo structure-activity relationships.

Reversible inactivation of the Ah receptor associated with changes in intracellular ATP levels.

Intracellular location of the Ah receptor.

Protein and cDNA sequence of a glycine-rich, dimethylarginine-containing region located near the carboxyl-terminal end of nucleolin (C23 and 100 kDa).

A novel biologically active seleno-organic compound--VI. Protection by ebselen (PZ 51) against galactosamine/endotoxin-induced hepatitis in mice.

Methylation differences in the murine P1450 and P3450 genes in wild-type and mutant hepatoma cell culture.

Effects of adenine and its isomer 4-aminopyrazolo-[3,4-d]-pyrimidine on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced mortality in rats.

The effects of nonadecafluoro-n-decanoic acid on serum retinol and hepatic retinyl palmitate hydrolase activity in male Sprague-Dawley rats.

Induction by phenobarbital in McA-RH7777 rat hepatoma cells of a polycyclic hydrocarbon inducible cytochrome P450.

Control of gene expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin. Multiple dioxin-responsive domains 5'-ward of the cytochrome P1-450 gene.

Immunosuppression without liver induction by subchronic exposure to 2,7-dichlorodibenzo-p-dioxin in adult female B6C3F1 mice.

Evaluating toxin-induced hepatic injury in rats by laboratory results and discriminant analysis.

Polychlorinated dibenzofurans as 2,3,7,8-TCDD antagonists: in vitro inhibition of monooxygenase enzyme induction.

Control of cytochrome P1-450 gene expression: analysis of a dioxin-responsive enhancer system.

Health effects of long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Intermediary metabolism of the mature rat following 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment.

Identification of ferrous sulfate toxicity in a commercial broiler flock.

Suppression of B cell differentiation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Subchronic oral toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the guinea pig: comparisons with a PCB-containing transformer fluid pyrolysate.

Regulation of alkaline phosphatase activity in rat hepatoma cells. Effects of serum proteins, cycloheximide, actinomycin D, chloroquine, dinitrophenol and potassium cyanide.

Carbonyl iron therapy for iron deficiency anemia.

Chemical modification of herbimycin A. Synthesis and in vivo antitumor activities of halogenated and other related derivatives of herbimycin A.

The diagnosis of dioxin-associated illness.

1-Methyl-4-phenylpyridine (MPP+) induces oxidative stress in the rodent.

Relationship of the wasting syndrome to lethality in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Quantitative histochemistry of benzaldehyde dehydrogenase in hepatocellular carcinomas of vinyl chloride-treated rats.

A pilot epidemiologic study of possible health effects associated with 2,3,7,8-tetrachlorodibenzo-p-dioxin contaminations in Missouri.

CCl₄-induced toxicity in isolated hepatocytes: the importance of direct solvent injury.

Liver histology in chronic metribuzin poisoning of the guinea-pig.

Porphyrogenic effect of hexachlorobenzene and 2,3,7,8-tetrachlorodibenzo-para-dioxin: is an inhibitor involved in uroporphyrinogen decarboxylase inactivation?

Occupational exposures to chlorophenols.

A review of porphyria and cancer and the missing link with human exposure to hexachlorobenzene.

The role of contaminants in hexachlorobenzene toxicity.

Cell number and size in selected organs of fetuses of rats malnourished and exposed to nitrofen.

Inhibition of the low-K_m mitochondrial aldehyde dehydrogenase by diethyl maleate and phorone in vivo and in vitro. Implications for formaldehyde metabolism.

Effects of induction of rat liver cytosolic aldehyde dehydrogenase on the oxidation of biogenic aldehydes.

Conserved structural domains among species and tissues-specific differences in the mitochondrial phosphate-transport protein and the ADP/ATP carrier.

NADPH-dependent generation of a cytosolic dithiol which activates hepatic iodothyronine 5'-deiodinase. Demonstration by alkylation with iodoacetamide.

Enhanced repair of O6-methylguanine in liver DNA of rats pretreated with phenobarbital, 2,3,7,8-tetrachlorodibenzo-p-dioxin, ethionine, or N-alkyl-N-nitrosoureas.

[Changes in intercellular contact as a parameter of hepatotoxicity of industrial substances].

Hepatic regenerative enzyme activity after pericentral and periportal lobular toxic injury.

Activation of hepatocyte glycogen synthase by metabolic inhibitors.

Construction and sequence of cDNA for rat liver stearyl coenzyme A desaturase.

Examination of the differential hepatotoxicity of diallyl phthalate in rats and mice.

Metabolism of salicylate by isolated kidney and liver mitochondria.

Effects of individual terphenyls and polychlorinated terphenyls on rat hepatic microsomal cytochrome P-450-dependent monooxygenases: structure-activity relationships.

A quantitative evaluation of the extent of inner mitochondrial membrane destruction after freezing-thawing based on functional studies.

Polychlorinated terphenyls: alterations in liver morphology and induction of cytochrome P-450.

Mechanism of hepatotoxicity in periportal regions of the liver lobule due to allyl alcohol: studies on thiols and energy status.

Ah receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin: ontogeny in chick embryo liver.

In vivo ³¹P nuclear magnetic resonance studies of arsenite induced changes in hepatic phosphate levels.

Changes in hamster hepatic cytochrome P-450, ethoxycoumarin O-deethylase, and reduced NAD(P): menadione oxidoreductase following treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin. Partial dissociation of temporal and dose-response relationships from elicited toxicity.

Prevention of microsomal production of hydroxyl radicals, but not lipid peroxidation, by the glutathione-glutathione peroxidase system.

Hepatic Ah receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin. Partial stabilization by molybdate.

[Protective effect of malotilate (diisopropyl 1,3-dithiol-2-ylidenemalonate) on chemical-induced hepatotoxicity].

Rat lung microsomal lipid peroxidation: effects of vitamin E and reduced glutathione.

Microcalorimetric investigation of metabolism in rat hepatocytes cultured on microplates and in cell suspensions.

Chicken liver H-protein, a component of the glycine cleavage system. Amino acid sequence and identification of the N epsilon-lipoyllysine residue.

Influence of extracellular calcium on allyl alcohol-induced hepatotoxicity.

Interactive effects of estradiol and 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic cytochrome P-450 and mouse uterus.

Isolated hepatocytes as a model for aging effects on hepatotoxicity: studies with allyl alcohol.

Nitrofurantoin inhibition of mouse liver mitochondrial respiration involving NAD-linked substrates.

Allyl alcohol partially protects murine hepatic mitochondria against carbon tetrachloride.

The action of mouse liver and lung homogenates on the ESR signal of a spin-labelled antiviral compound.

Effects of thyroidectomy on the Ah receptor and enzyme inducibility by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat liver.

Ah receptor mediating induction of aryl hydrocarbon hydroxylase: detection in human lung by binding of 2,3,7,8-[3H]tetrachlorodibenzo-p-dioxin.

Chemical changes of organic compounds in chlorinated water. XI. Thin-layer chromatographic fractionation of Ames mutagenic compounds in chlorine-treated 4-methylphenol solution.

Identification of an essential lysine residue in the phosphatidylcholine-transfer protein from bovine liver by modification with phenylisothiocyanate.

N-hydroxyarylamine O-acetyltransferase in hamster liver: identity with arylhydroxamic acid N,O-acetyltransferase and arylamine N-acetyltransferase.

Hepatocellular uptake of oleate is energy dependent, sodium linked, and inhibited by an antibody to a hepatocyte plasma membrane fatty acid binding protein.

Immobilization of pig liver microsomes. Stability of cytochrome P-450-dependent monooxygenase activities.

Evidence that the development of hepatic fatty acid oxidation at birth in the rat is concomitant with an increased intramitochondrial CoA concentration.

Tissue-specific expression of the mouse dioxin-inducible P(1)450 and P(3)450 genes: differential transcriptional activation and mRNA stability in liver and extrahepatic tissues.

[Cytochrome P-448 induction in liver microsomes of mice of inbred strains after administration of xenobiotics of MC-type].

The biologic and toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in chickens.

2,3,7,8-Tetrachlorodibenzo-p-dioxin metabolism and disposition in yellow perch.

Concentration-related changes in blood and tissue parameters of hepatotoxicity and their interdependence in rats exposed to bromobenzene and 1,2-dichlorobenzene.

Prostaglandin release by the chick embryo heart is increased by 2,3,7,8-tetrachlorodibenzo-p-dioxin and by other cytochrome P-448 inducers.

Cytosolic rat liver glutathione transferase 4-4. Primary structure of the protein reveals extensive differences between homologous glutathione transferases of classes alpha and mu.

Occupational exposure to chlorophenates. Renal, hepatic and other health effects.

[Biosynthesis in the rat liver of a common form of monooxygenase induced by xenobiotics of a methylcholanthrene series].

Regulation of rat and bovine adrenal metabolism of polycyclic aromatic hydrocarbons by adrenocorticotropin and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Reappraisal of the liver benzpyrene hydroxylase synthesized de novo after treatment of rats with 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3-methylcholanthrene.

Functional hepatocellular heterogeneity determined by the hepatotoxins allyl alcohol and bromobenzene in immature and adult Fischer 344 rats.

Complete amino acid sequence of a cytochrome P-450 isolated from beta-naphthoflavone-induced rabbit liver microsomes. Comparison with phenobarbital-induced and constitutive isozymes and identification of invariant residues.

Structure and function of the Ah receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin. Species difference in molecular properties of the receptors from mouse and rat hepatic cytosols.

Ah receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin. Codistribution of unoccupied receptor with cytosolic marker enzymes during fractionation of mouse liver, rat liver and cultured Hepa-1c1 cells.

On the stimulation of respiration by alpha-adrenergic agonists in perfused rat liver.

The role of formaldehyde in hydrazine-induced methylation of liver DNA guanine.

Screening for the ability of hexachlorobenzene metabolites to decrease rat liver porphyrinogen carboxylase.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on lipid peroxidation in microsomal systems in vitro.

Adenosine triphosphate content of *Mycobacterium leprae* isolated from armadillo tissue by Percoll buoyant density centrifugation.

The effect of inhibitors of mitochondrial energy production on hepatic glutathione, UDP-glucuronic acid, and adenosine 3'-phosphate-5'-phosphosulfate concentrations.

Studies of gene transcription and translation in regenerating rat liver.

Ingestion of soil contaminated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) alters hepatic enzyme activities in rats.

Effect of fasting and acute ethanol administration on the energy state of in vivo liver as measured by ³¹P-NMR spectroscopy.

Uptake of benzylpenicillin, cefpiramide and cefazolin by freshly prepared rat hepatocytes. Evidence for a carrier-mediated transport system.

Depression of alcohol dehydrogenase activity in rat hepatocyte culture by dihydrotestosterone.

Phosphorylation and inactivation of rat hepatocyte glycogen synthase by phorbol esters and mezerein.

Induction of different isozymes of cytochrome P-450 and of microsomal epoxide hydrolase in rat liver by 2-acetylaminofluorene and structurally related compounds.

Metabolism of hexachlorobenzene (HCB) in the isolated perfused rat liver.

[2,3,7,8-Tetrachlorodibenzo-p-dioxin induces the biosynthesis of highly active benzo(a)pyrene hydroxylase in liver microsomes].

Halogenated hydrocarbon and hydroperoxide-induced peroxidation in rat tissue slices.

Iron-induced peroxidative injury to isolated rat hepatic mitochondria.

Structure-activity relationships of chlorinated benzenes as inducers of hepatic cytochrome P-450 isozymes in the rat.

Ability of several hexachlorobenzene metabolites to decrease rat-liver porphyrinogen carboxy-lyase and to produce porphyrin accumulation in chick-embryo liver.

Functional derangement of liver mitochondria from hexachlorobenzene-treated rats.

[Mutagenic activity of carcinogens and other chemical agents in Salmonella typhimurium tests].

The bacterial mutagenicity of nitropolychlorinated dibenzo-p-dioxins.

Glutathione peroxidase and reactive oxygen species in TCDD-induced lipid peroxidation.

Inhibitory effect of sodium arsenite and azide on asialoglycoprotein receptor mediated endocytosis in suspended rat hepatocytes.

The kinetics of calcium influx into rat liver slices.

The in vitro metabolism of Eulan WA New by liver homogenates from freshwater fish.

The effect of some hepatotoxins on the sulphoxidation of cimetidine in rat.

Amitrole: strain differences in morphological response of the liver following subchronic administration to mice.

Assessment of pentachlorophenol toxicity in newborn calves: clinicopathology and tissue residues.

Lack of hepatotoxicity after long-term administration of cyanamide in rats: a histological and biochemical study.

[Food stimulation of the detoxifying system of the liver in preventing pesticide poisonings].

Cyanamide, ethanol, and liver cell inclusion bodies.

Formation, toxicity and inactivation of acrolein during biotransformation of cyclophosphamide as studied in freshly isolated cells from rat liver and kidney.

Acute and subchronic toxicity of 2,4-dichlorophenol in CD-1 mice.

The genotoxicity of 2-bromoacrolein and 2,3-dibromopropanal.

Lipid peroxidation in human paraquat poisoning.

Enhanced peroxisomal beta-oxidation of fatty acids and glutathione metabolism in rats exposed to phenoxyacetic acids.

Hemoperfusion-hemodialysis ineffective for paraquat removal in life-threatening poisoning?

Light and electron microscopical changes in the liver of mice following treatment with aminotriazole.

Complete recovery from paraquat poisoning causing severe unilateral pulmonary lesion.

Extraction and quantification of paraquat in liver and hemolyzed blood.

A critical review of the literature on acrolein toxicity.

Toxicokinetics of the herbicide dichlorprop and its leucinate and their action on liver mixed function oxidase in rats.

[Kinetic micromethod for determining acetylcholinesterase].

Major role of hepatic sulfotransferase activity in the metabolic activation, DNA adduct formation, and carcinogenicity of 1'-hydroxy-2',3'-dehydroestragole in infant male C57BL/6J x C3H/HeJ F1 mice.

Oxidant stress and hepatic necrosis in rats treated with diquat.

Disulfiram-induced hepatitis. Report of two cases and review of the literature.

Inhibition by 3-amino-1H-1,2,4-triazole of hepatic tumorigenesis induced by diethylstilbestrol alone or combined with N-nitrosobutylurea in WF rats.

The initiation of gamma-glutamyltranspeptidase positive foci in the rat liver by N-hydroxy-2-acetylaminofluorene. The effect of the sulfation inhibitor pentachlorophenol.

The role of pentachlorophenol in causing mitochondrial derangement in hexachlorobenzene induced experimental porphyria.

Protective effects of trifluralin on benzo(a)pyrene-induced tumors in A/J mice.

Discrepancy between the different subcellular activities of rat liver catalase and superoxide dismutases in response to acute ethanol administration.

Sulfoxide reduction catalyzed by guinea pig liver aldehyde oxidase in combination with one-electron reducing flavoenzymes.

Purification and partial characterization of the glutathione S-transferases in carp liver, and their interaction with 2,4-dichlorophenoxyacetic acid and 1,4-benzoquinone.

Metabolism of pentachlorophenol to tetrachlorohydroquinone by human liver homogenate.

Norflurazon--an inhibitor of essential fatty acid desaturation in isolated liver cells.

3-Substituted 2-halopropenals: mutagenicity, detoxification and formation from 3-substituted 2,3-dihalopropanal promutagens.

The roles of the hepatocellular redox state and the hepatic acetaldehyde concentration in determining the ethanol elimination rate in fasted rats.

Effect of sulfotransferase inhibitors on the 2-acetylaminofluorene-mediated lowering of rat liver N-hydroxy-2-acetylaminofluorene sulfotransferase activity.

Demonstration of H₂O₂ production in vivo during aminopyrine metabolism and phenobarbital induction.

Incorporation of the 1-pro-R and 1-pro-S hydrogen atoms of ethanol in the reduction of acids in the liver of intact rats and in isolated hepatocytes.

Sensitivity of oligomycin-inhibited respiration of isolated rat liver mitochondria to perfluidone, a fluorinated arylalkylsulfonamide.

Study of inorganic arsenic methylation by rat liver in vitro: relevance for the interpretation of observations in man.

Metabolic activation of 2-methylfuran by rat microsomal systems.

A comparative study of the inhibition of hepatic aldehyde dehydrogenases in the rat by methyltetrazaolethiol, calcium carbimide, and disulfiram.

Enzymatic requirement for cyanamide inactivation of rat liver aldehyde dehydrogenase.

Induction of rat hepatic drug metabolizing enzymes by substituted urea herbicides.

Mechanism of allyl alcohol toxicity and protective effects of low-molecular-weight thiols studied with isolated rat hepatocytes.

Formation of pentachlorophenol glucuronide in rat and human liver microsomes.

Long-term effects of dinoseb and paraquat, both individually and combined, on embryonic development and hatching success of *Fasciola hepatica* miracidia.

Metabolism and excretion of orally administered arsenic trioxide in the hamster.

Endogenous defenses against the cytotoxicity of hydrogen peroxide in cultured rat hepatocytes.

Effects of high hepatic acetaldehyde level following simultaneous administration of ethanol and cyanamide on liver function in rats.

Use of cyanamide to determine localization of acetaldehyde metabolism in rat liver.

Studies on the mechanism of sheep liver cytosolic aldehyde dehydrogenase.

Covalent binding of acetaldehyde to hepatic proteins during ethanol oxidation.

Aldehyde dehydrogenase activity as the rate-limiting factor for acetaldehyde metabolism in rat liver.

Effects of paraquat on the mitochondrial structure and Ca-ATPase activity in rat hepatocytes.

Hepatic glutathione S-transferases in rainbow trout and their interaction with 2,4-dichlorophenoxyacetic acid and 1,4-benzoquinone.

The effects of pentachlorophenol, phenol and other pollutants on the liver of carp (*Cyprinus carpio* L.).

Modulation of rat hepatic microsomal testosterone hydroxylases by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related toxic isostereomers.

Effect of hepatic failure toxins on liver thymidine kinase activity and ornithine decarboxylase activity after massive necrosis with acetaminophen in the rat.

[Effect of phenobarbital on the kinetics of the change in the level of paramagnetic metalloprotein complexes in dinitrophenol poisoning].

Hepatotoxicity due to allyl alcohol in deer mice depends on alcohol dehydrogenase.

Voltammetric measurements of the kinetics of enzymatic reduction of 2,6-dichlorophenolindophenol in normal and neoplastic hepatocytes using glucose as substrate.

Autoregulation plus upstream positive and negative control regions associated with transcriptional activation of the mouse P1(450) gene.

Comparison of the mouse P(1)450 gene and flanking sequences from a MOPC 41 plasmacytoma and normal liver.

Commentary on 2,3,7,8-tetrachlorodibenzo-para-dioxin (TCDD).

Efficient clearance of non-transferrin-bound iron by rat liver. Implications for hepatic iron loading in iron overload states.

Polychlorinated dibenzofurans (PCDFs): correlation between in vivo and in vitro structure-activity relationships.

[Blood chemiluminescence in the diagnosis of acute inflammatory diseases of the abdominal organs].

ATP depletion and loss of cell integrity in anoxic hepatocytes and silica-treated P388D1 macrophages.

Carrier-mediated choline uptake by Krebs II ascites cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and 2,3,7,8-tetrachlorodibenzofuran (TCDF) in pregnant C57BL/6N mice: distribution to the embryo and excretion.

Hypophagia-induced weight loss in mice, rats, and guinea pigs treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Comparison of aryl hydrocarbon hydroxylase and acetanilide 4-hydroxylase induction by polycyclic aromatic compounds in human and mouse cell lines.

Hepatotoxic doses of dioxin do not damage mouse bone marrow chromosomes.

alpha-1-Antitrypsin metabolism in the protein-deficient weanling rat.

Delayed wasting syndrome and alterations of liver gluconeogenic enzymes in rats exposed to the TCDD congener 3,3', 4,4'-tetrachloroazoxybenzene.

Chloracne, "the hallmark of dioxin intoxication".

Superinduction of cytochrome P1-450 gene transcription by inhibition of protein synthesis in wild type and variant mouse hepatoma cells.

Comparative hepatic response to bromobenzene and allyl alcohol in the vitamin D-replete and vitamin D-depleted rat.

Effects of PCBs and related compounds on hepatocarcinogenesis in rats and mice.

The teratogenic, embryotoxic, and prenatal mutagenic effect of 3-methyl-4-nitrophenol in the mouse.

Enzyme immunoassay for detection of total and IgM-specific antibodies to hepatitis A virus and its clinical application.

Dose-related effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C57BL/6J and DBA/2J mice.

Control of cytochrome P1-450 gene expression by dioxin.

Ammonium inhibition of fatty acid oxidation in rat liver mitochondria. A possible cause of fatty liver in Reye's syndrome and urea cycle defects.

[Dependence of the nature of the action of metabolic inhibitors on ribosomal RNA synthesis in Ehrlich ascites carcinoma cells on cell integrity].

Gas chromatographic profiling of phenolic acids in urine of patients with cirrhosis of the liver.

Mutations affecting the regulation of transcription of the cytochrome P1-450 gene in the mouse Hepa-1 cell line.

A study of the mutagenic effect of 3-methyl-4-nitrophenol on the somatic cells of the mouse.

Inducing potency of aryl hydrocarbon hydroxylase activity in human lymphoblastoid cells and mice by polychlorinated dibenzofuran congeners.

Immunoradiometric assay to measure the in vitro penetration of sporozoites of malaria parasites into hepatoma cells.

Dietary selenium, glutathione peroxidase activity, and toxicity of 2,3,7,8-tetrachloro-dibenzo-p-dioxin.

The effect of various aldehydes on the respiration of rat liver and hepatoma AH-130 cells.

[Determination of free serum phenol by gas-liquid chromatography in hemosorption].

Further studies on the activation of glucocerebrosidase by a heat-stable factor from Gaucher spleen.

The role of receptors in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity.

Analysis of Ah gene locus by somatic cell hybridization: expression of Ah regulatory gene product for 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse L-cell x mouse hepatoma cell hybrids.

Ability of several hexachlorobenzene metabolites to induce porphyrin accumulation in chick embryo liver "in ovo".

Purification of gamma-glutamyltransferases by immunoaffinity chromatography and some properties of the enzymes.

Structural properties of the methionine-containing subfraction of rat liver histone H1.

Mechanism of the stimulation of respiration by fatty acids in rat liver.

Comparison of in vivo and in vitro methods for assessing the effects of phenobarbital on the hepatic drug-metabolizing enzyme system.

Comparison of in vivo and in vitro methods for assessing effects of allyl alcohol on the liver.

Inhibition of mitochondrial aldehyde dehydrogenase and acetaldehyde oxidation by the glutathione-depleting agents diethylmaleate and phorone.

NTP Toxicology and Carcinogenesis Studies of Dimethyl Hydrogen Phosphite (CAS No. 868-85-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Hepatic metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the rat and guinea pig.

Developmental and tissue-specific differential regulation of the mouse dioxin-inducible P1-450 and P3-450 genes.

Role of membranes and energy-producing reactions in cellular processing of insulin in primary cultures of rat hepatocytes.

Studies on the effects of copper deficiency on rat liver mitochondria. II. Effects on oxidative phosphorylation.

Complete amino acid sequence of steer liver microsomal NADH-cytochrome b5 reductase.

NTP Toxicology and Carcinogenesis Studies of 1,2-Dichlorobenzene (o-Dichlorobenzene) (CAS No. 95-50-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Effect of thyroid hormones on liver microsomal enzyme induction in rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Interactions of indoles with specific binding sites for 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver.

Acute myelotoxic responses in mice exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Subacute physiological effects of bleached kraft mill effluent (BKME) on the liver of trout, *Salmo gairdneri*.

Amino acid sequence of the intracellular cysteine proteinase inhibitor cystatin B from human liver.

Structural relationships among class I isozymes of human liver alcohol dehydrogenase.

Redox-dependent activation of 5'-nucleotidase in rat liver plasma membranes.

Immobilization of chicken liver fructose 1,6-bisphosphatase on CNBr-activated Sepharose.

Purification and characterization of human lipoprotein lipase and hepatic triglyceride lipase. Reactivity with monoclonal antibodies to hepatic triglyceride lipase.

Effect of seminal plasma antioxidant on lipid peroxidation in spermatozoa, mitochondria and microsomes.

Genotoxicity of heterocyclic amines in the Salmonella/hepatocyte system.

Influence of extracellular phosphate concentrations on the regulation of hepatic glucose output.

Aryl hydrocarbon hydroxylase induction in adult rat hepatocytes in primary culture by several chlorinated aromatic hydrocarbons including 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effect of tricyclic drugs on mitochondrial membrane.

Effects of guanethidine on electron transport and proton movements in rat heart, brain and liver mitochondria.

Novel ATP-dependent calcium transport component from rat liver plasma membranes. The transporter and the previously reported (Ca²⁺-Mg²⁺)-ATPase are different proteins.

Properties and biochemical characterization of NADH 5 alpha-reductase from rat liver microsomes.

Elevation of hepatic microsomal epoxide hydrolase activity by 2-acetylaminofluorene: role of metabolism.

N-sulfoxy-2-aminofluorene is the major ultimate electrophilic and carcinogenic metabolite of N-hydroxy-2-acetylaminofluorene in the livers of infant male C57BL/6J x C3H/HeJ F1 (B6C3F1) mice.

Effect of triiodothyronine on alcohol dehydrogenase and aldehyde dehydrogenase activities in rat liver. Implications for the control of ethanol metabolism.

Inducible aldehyde dehydrogenases from rat liver cytosol.

Chemical modification of methionine residues of the phosphatidylcholine transfer protein from bovine liver. A spin-label study.

Inhibition of purified rat liver glutathione S-transferase isozymes by diuretic drugs.

Release of carnitine from the perfused rat liver.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the uptake, distribution and excretion of a single oral dose of [11,12-³H]retinyl acetate and on the vitamin A status in the rat.

Fasciola hepatica: motility response to metabolic inhibitors in vitro.

The metabolic fate of pargyline in rat liver microsomes.

The primary structure of rat liver cellular retinol-binding protein.

Continued depression of hepatic uroporphyrinogen decarboxylase activity caused by hexachlorobenzene or 2,3,7,8-tetrachlorodibenzo-p-dioxin despite regeneration after partial hepatectomy.

Role of glutathione and hepatic glutathione S-transferase in the biliary excretion of methyl mercury, cadmium and zinc: a study with enzyme inducers and glutathione depletors.

Urinary D-glucaric acid excretion in the Seveso area, polluted by tetrachloro-dibenzo-p-dioxin (TCDD): five years of experience.

Conversion of 5-aminolaevulinate into haem by homogenates of human liver. Comparison with rat and chick-embryo liver homogenates.

Carcinogenicity of diallylnitrosamine following intragastric administration to Syrian hamsters.

Monoxygenase induction by various xenobiotics and its influence on the rat liver microsomal metabolite profile of benz[a]anthracene.

The modulation by arylamines of the in vitro formation of superoxide anion radicals and hydrogen peroxide by rat liver microsomes.

The mechanism of pantothenate transport by rat liver parenchymal cells in primary culture.

Disposition of [14C]methyl bromide in rats after inhalation.

Regulation of aromatic oxidation of estradiol-17 beta in maternal hepatic, fetal hepatic and placental tissues: comparative effects of a series of inducing agents.

A comparison of physiological changes in carp, *Cyprinus carpio*, induced by several pollutants at sublethal concentrations. I. The dependency on exposure time.

In vivo and in vitro metabolism of 2,4-dinitrotoluene in strain A mice.

Polychlorinated aromatic hydrocarbon lethality, mixed-function oxidase induction, and uroporphyrinogen decarboxylase inhibition in the chick embryo: dissociation of dose-response relationships.

Maintenance of prolactin (PRL) binding sites in rat liver cells in suspension culture: effect of PRL and of inhibitors of various cellular functions.

Microsomal cytochrome P-450 "handprints": five fractions from anion-exchange high-pressure liquid chromatography provide a rapid preliminary screen for selectivity in the induction and destruction of rat hepatic cytochrome P-450 subpopulations.

Toxicity of 3,4,5,3',4',5'-hexabrominated biphenyl and 3,4,3',4'-tetrabrominated biphenyl.

Potentiated hepatotoxicity from concurrent administration of acetaminophen and allyl alcohol to rats.

Influence of phenobarbital and TCDD on the hepatic metabolism of TCDD in the dog.

Characteristics of the formation and membrane transport of 7-hydroxymethotrexate in freshly isolated rabbit hepatocytes.

[Effects of clofibrate on allyl alcohol poisoning in the rat].

TCDD (2,3,7,8-tetrachlorodibenzo-p-dioxin) causes increases in protein kinases particularly protein kinase C in the hepatic plasma membrane of the rat and the guinea pig.

Induction of methotrexate release from rat hepatocytes in suspension by alpha-adrenergic agents: involvement of calcium and metabolic energy.

Amino acid sequence of human liver cathepsin B.

Additional routes in the metabolism of phenacetin.

Variations among untreated rabbits in benzo(a)pyrene metabolism and its modulation by 7,8-benzoflavone.

Studies on the primary structure of rat liver phenylalanine hydroxylase.

Mitochondrial and extramitochondrial Ca²⁺ pools in the perfused rat liver. Mitochondria are not the origin of calcium mobilized by vasopressin.

Recycling of the asialoglycoprotein receptor in isolated rat hepatocytes. ATP depletion blocks receptor recycling but not a single round of endocytosis.

Effect of various agents and conditions on palmitate oxidation by homogenates of rat liver and rat and human skeletal muscle.

Sex-influenced CP1B-induction of peroxisomes in rat liver and kidney tissues.

Isolation and characterization of rat liver cytosolic aldehyde dehydrogenases induced by phenanthrene or benzo[a]pyrene.

Determination of acute toxic effects in mice following exposure to methyl bromide.

Ammonia, octanoate and a mercaptan depress regeneration of normal rat liver after partial hepatectomy.

Formation of glutathione conjugates by reactive metabolites of vinylidene chloride in microsomes and isolated hepatocytes.

Aminopyrine breath test and zonal hepatic damage in rats.

The stability of mutagenic chemicals stored in solution.

Separation of histones by reverse-phase high-performance liquid chromatography: analysis of the binding of carcinogens to histones.

Influence of pyrazolones on hepatic glutathione in rats.

Alcohol dehydrogenase: a new sensitive marker of hepatic centrilobular damage.

Rat liver microsomal NADPH-dependent release of iron from ferritin and lipid peroxidation.

The protective effect of pollen extracts against allyl alcohol damage of the liver.

A metabolite of riboflavin binds to the 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) receptor.

Carbohydrate, protein and glycoprotein metabolism by the guinea-pig liver in chronic metribuzin poisoning.

A carrier-mediated transport system for benzylpenicillin in isolated hepatocytes.

Lamprey fibrinogen gamma chain: cloning, cDNA sequencing, and general characterization.

Incorporation of C14-thymidine and C14-uridine nucleosides into nucleic acid molecules in the liver of mice exposed to trivalent arsenic in drinking water.

Chronic toxicity, reproductive, and teratogenic studies of hexazinone.

Effect of herbicide 2,4,5-trichlorophenoxyethanol (TCPE) containing dioxin on mutation and induction of sister chromatid exchanges.

Potential of 2,4-dichlorophenoxyacetic acid conjugates as promutagens in the Salmonella/microsome mutagenicity test.

Effect of pentachlorophenol on hepatic glycogen metabolism in rats.

The protection from hepatotoxicity of some compounds by the synthetic immunomodulator muramyl dipeptide (MDP) in rat hepatocytes and in vivo.

Effect of dimethylthiourea on paraquat toxicity in rats.

Induction of sister chromatid exchanges by the peroxisome proliferators 2,4-D, MCPA, and clofibrate in vivo and in vitro.

Activation mechanism of tris(2,3-dibromopropyl)phosphate to the potent mutagen, 2-bromoacrolein.

Human health effects of 2,4,5-T and its toxic contaminants.

Differential activation and inhibition of different forms of rat liver glutathione S-transferase by the herbicides 2,4-dichlorophenoxyacetate (2,4-D) and 2,4,5-trichlorophenoxyacetate (2,4,5-T).

[Liver function in alcoholic patients treated with cyanamide].

Acute toxic effects of paraquat on ultrastructure of rat liver.

Collagen stimulating factors from lung in experimental paraquat poisoning demonstrated in vitro and in vivo.

Agent Orange study is like a chameleon.

The effectiveness of N-acetylcysteine in isolated hepatocytes, against the toxicity of paracetamol, acrolein, and paraquat.

Structural hepatic changes associated with cyanamide treatment: cholangiolar proliferation, fibrosis and cirrhosis.

Ascorbic acid potentiates the substrate-specific inhibition of mixed-function oxidation and the stimulation of NADPH oxidation caused by paraquat.

The acute effects of single and repeated injections of acrolein and other aldehydes.

Toxicity studies in isolated hepatocytes from selenium-deficient rats and vitamin E-deficient rats.

Normothermic whole body rinse-out utilizing perfluorochemical(PFC)-containing artificial blood.

Acute diquat intoxication. Interest of its repeated determination in urine and the evaluation of renal proximal tubule integrity.

Biochemical study of pentachlorophenol workers.

Hepatic macromolecular covalent binding of the hepatocarcinogen 2,6-dinitrotoluene and its 2,4-isomer in vivo: modulation by the sulfotransferase inhibitors pentachlorophenol and 2,6-dichloro-4-nitrophenol.

Lipid metabolism in rabbits exposed to paraquat aerosol.

Cyanamide-induced liver cell injury. Experimental study in the rat.

Peroxisomal beta-oxidation from endogenous substrates. Demonstration through H₂O₂ production in the unanaesthetized mouse.

Quantitative liver functions after administration of allyl alcohol to rats.

Properties of the lysosomes from liver and gill of rainbow trout, *Salmo gairdnerii* R.: effect of starvation, salinity and 2,4,5-T.

Hepatic macromolecular covalent binding of mononitrotoluenes in Fischer-344 rats.

Association of the liver peroxisomal fatty acyl-CoA beta-oxidation system with the synthesis of bile acids.

A redox cycling mechanism of action for 2,3-dichloro-1,4-naphthoquinone with mitochondrial membranes and the role of sulfhydryl groups.

³²P-post-labelling analysis of DNA adducts formed in the livers of animals treated with safrole, estragole and other naturally-occurring alkenylbenzenes. I. Adult female CD-1 mice.

Transmembrane potential of liver mitochondria from hexachlorobenzene-and iron-treated rats.

On the role of peroxisomes in the metabolism of lipids--evidence from studies on mammalian tissues in vivo.

Detection and occurrence of pentachlorophenol residues in chicken liver and fat.

Effects of metals and organic compounds on hepatic glutathione, cysteine, and acid-soluble thiol levels in mullet (*Mugil cephalus* L.).

Modulation of genotoxic and cytotoxic effects of aromatic amines in monolayers of rat hepatocytes.

Metabolism and binding of cyclophosphamide and its metabolite acrolein to rat hepatic microsomal cytochrome P-450.

[In vitro conjugation of allyl alcohol and of its metabolites with reduced glutathione].

Organ and cellular distribution of inhaled metallic mercury in the rat and Marmoset monkey (*Callithrix jacchus*): influence of ethyl alcohol pretreatment.

The metabolic activation of cyanamide to an inhibitor of aldehyde dehydrogenase is catalyzed by catalase.

Effect of acetaldehyde and cyanamide on the metabolism of formaldehyde by hepatocytes, mitochondria, and soluble supernatant from rat liver.

[Biotransformation of monolinuron (N-(4-chlorophenyl)-N'-methyl-N'methoxyurea) in isolated perfused chicken liver].

Autoradiographic and biochemical studies of drug distribution in the liver. III. [¹⁴C]Aminotriazole.

Effect of glutathione levels, sulfate levels, and metabolic inhibitors on covalent binding of 2-amino-3-methylimidazo[4,5-f]quinoline and 2-acetylaminofluorene to cell macromolecules in primary monolayer cultures of adult rat hepatocytes.

Selective inactivation of rat lung and liver microsomal NADPH-cytochrome c reductase by acrolein.

Decrease in calcium carbimide (calcium cyanamide)-induced inhibition of rat hepatic aldehyde dehydrogenases by multiple ethanol administration.

N-acetylcyanamide, the major urinary metabolite of cyanamide in rat, rabbit, dog, and man.

Metabolism of the carbamate herbicide, asulam, in the rat.

Effects of 2,4-dichlorophenoxyacetic acid and 2,4,5-trichlorophenoxyacetic acid on peroxisomal enzymes in rat liver.

Effect of di(2-ethylhexyl) phthalate on DNA repair and lipid peroxidation in rat hepatocytes and on metabolic cooperation in Chinese hamster V-79 cells.

Biliary excretion of glutathione and glutathione disulfide in the rat. Regulation and response to oxidative stress.

Chlorinated compounds in tissues of chickens raised on pentachlorophenol-contaminated litter.

Induction of ornithine decarboxylase and augmentation of tyrosine aminotransferase activity by N-hydroxy-2-acetylaminofluorene and 2-acetylaminofluorene in rat liver. Influence of sex, retinylacetate, indomethacin, and pentachlorophenol.

In vivo effects of 3-methylcholanthrene, phenobarbital, pyrethrum and 2,4,5-T isooctylester on liver, lung and kidney microsomal mixed-function oxidase system of guinea-pig: a comparative study.

Hepatic angiosarcoma and bronchioloalveolar carcinoma induced by Fowler's solution.

Regulation of mouse cytochrome P3-450 by the Ah receptor. Studies with a P3-450 cDNA clone.

A novel human myelomonocytoid cell line, P39/Tsugane, derived from overt leukemia following myelodysplastic syndrome.

[Inhibitor interaction in the suppression of ribosomal RNA synthesis in Ehrlich ascites carcinoma cells].

3'-Monoiodothyronine degradation in rat liver homogenate: enzyme characteristics and documentation of deiodination by high-pressure liquid chromatography.

Cellular pathways of galactose-terminal ligand movement in a cloned human hepatoma cell line.

Biochemical and genetic analysis of variant mouse hepatoma cells which overtranscribe the cytochrome P1-450 gene in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Increase of sensitivity and uptake of vinblastine by reserpine in rat ascites hepatoma.

An isozyme-specific selective system for the recovery of mammalian cells deficient in hepatic alcohol dehydrogenase activity.

Immunosuppression in weanling and adult Sprague-Dawley rats induced by acute exposure to 3,3',4,4'-tetrachloroazoxybenzene.

The influence of liver disease on the methylation of arsenite in humans.

Flow cytometric analysis of proflavine uptake into normal rat hepatocytes and cells arising during AAF-induced hepatocarcinogenesis.

Isolation and characterization of revertants from four different classes of aryl hydrocarbon hydroxylase-deficient hepa-1 mutants.

Haemochromatosis following prolonged oral iron ingestion.

Polychlorinated dibenzofurans (PCDFs): effects of structure on binding to the 2,3,7,8-TCDD cytosolic receptor protein, AHH induction and toxicity.

Autoradiographic and biochemical studies of drug distribution in the liver. I. [14C]Dehydrocorydaline.

[Relation between glutathione and cytoplasmic protein sulfhydryl groups in the rat: a rapid procedure for analytical determination].

Incomplete correlation of 2,3,7,8-tetrachlorodibenzo-p-dioxin hepatotoxicity with Ah phenotype in mice.

Modulation of azaserine-induced pancreatic foci by phenolic antioxidants in rats.

Role of the cellular oxidation-reduction state in methotrexate binding to dihydrofolate reductase and dissociation induced by reduced folates.

Regulation of cytochrome P1-450 gene transcription by 2,3,7, 8-tetrachlorodibenzo-p-dioxin in wild type and variant mouse hepatoma cells.

Effects of 2,4-dinitrophenol and other metabolic inhibitors on the thermograms of Ehrlich ascites carcinoma cells registered with a microcalorimeter.

[Inhibitory analysis of the functions of the oxidative metabolic systems of tumor cells in tissue culture].

[Kinetics of the change in the level of metalloproteins and free radicals in the liver of rats with acute poisoning by alkyl derivatives of 2, 4-dinitrophenol].

Induction and decay of amino acid transport in the liver. Turnover of transport activity in isolated hepatocytes after stimulation by diabetes or glucagon.

Visual evoked potentials in a rabbit model of hepatic encephalopathy. II. Comparison of hyperammonemic encephalopathy, postictal coma, and coma induced by synergistic neurotoxins.

Interactions between 7-hydroxymethotrexate and methotrexate at the cellular level in the Ehrlich ascites tumor in vitro.

Comparison between the effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and six other compounds on the vitamin A storage, the UDP-glucuronosyltransferase and the aryl hydrocarbon hydroxylase activity in the rat liver.

Characteristics of adenine nucleotide fluxes and transport in human tumor mitochondria.

Effect of phenoxy acids on rat liver regeneration.

2,3,7,8-Tetrachlorodibenzo-p-dioxin receptors in wild type and variant mouse hepatoma cells. Nuclear location and strength of nuclear binding.

Structural and functional properties of rat liver mitochondria in hexachlorobenzene induced experimental porphyria.

Experimental study on embryogenesis of congenital diaphragmatic hernia.

Calcium modifies the accumulation and retention of daunorubicin by Ehrlich ascites carcinoma.

Decarboxylation of uroporphyrinogen I and III in 2,3,7,8-tetrachlorodibenzo-p-dioxin induced porphyria in mice.

Hepatotoxicological evaluation of dantrolene sodium.

Development of chronic hepatic porphyria (porphyria cutanea tarda) with inherited uroporphyrinogen decarboxylase deficiency under exposure to dioxin.

Oral iron therapy in human subjects, comparative absorption between ferrous salts and iron polymaltose.

On the absorption of divalent and trivalent iron in living rats.

Toxicologic, pathologic, and immunotoxic effects of 2,4-dichlorophenol in rats.

Prostanoids and cell injury.

Transplantation studies on induced and spontaneous nodules from B6C3F1 mouse liver.

Teratogenicity of 2,3,7,8-tetrachlorodibenzofuran in the mouse.

Potency of carcinogens derived from covalent DNA binding and stimulation of DNA synthesis in rat liver.

Combined use of a water-insoluble chemical delivery system and a metabolic activation system in whole embryo culture.

[Experimental porphyria induced by chlorinated hydrocarbons. Studies of porphyrinogen carboxy-lyase in the experimental model of human cutaneous delayed porphyria].

Water movement from intracristal spaces in isolated liver mitochondria.

Release of ferrous iron from ferritin by liver microsomes: a possible role in the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Triiodothyronine production by isolated rat hepatocytes: characterization and lack of gluco regulatory hormone effects.

Effects of in vivo-administered 2,3,7,8-tetrachlorodibenzo-p-dioxin on receptor binding of epidermal growth factor in the hepatic plasma membrane of rat, guinea pig, mouse, and hamster.

Some properties of the thiamine uptake system in isolated rat hepatocytes.

Sequence comparison of rat liver phenylalanine hydroxylase and its cDNA clones.

Characteristics of an extraction and purification procedure for chlorinated dibenzo-p-dioxins and dibenzofurans in soil and liver.

Cathepsins J and K: high molecular weight cysteine proteinases from human tissues.

Replacing the Mixed Function Oxidase N-Demethylation by Hydrogen Peroxide and either Hemoglobin or Ferrous Sulfate.

Enzymatic sulfation of steroids--XX. Effects of ten drugs on the hepatic glucocorticoid sulfotransferase activity of rats in vitro and in vivo.

Hepatic antioxidant-sensitive respiration. Effect of ethanol, iron and mitochondrial uncoupling.

Effects of mitomycin C on metabolism in a rat liver preparation.

Interaction of prolactin (PRL) binding sites with PRL receptor antibodies in rat liver cells in suspension culture: effect of inhibitors of cellular functions.

Short-chain fatty acid fermentation products of plant fiber affect glucose metabolism of isolated rat hepatocytes.

Rat liver aldehyde dehydrogenase. II. Isolation and characterization of four inducible isozymes.

Species-specific irreversible inhibition of *Neisseria gonorrhoeae* dihydrofolate reductase by a substituted 2,4-diamino-5-benzylpyrimidine.

Cyclophosphamide resistance developed in a human melanoma cell line.

Blood glutathione as a measure of exposure to toxic compounds.

Difference in hepatic uptake kinetics of aspirin and salicylamide in rats.

Inhibition of the oxidation of acetaldehyde and formaldehyde by hepatocytes and mitochondria by crotonaldehyde.

Production of chemotactic activity for polymorphonuclear leukocytes by cultured rat hepatocytes exposed to ethanol.

Ah receptor in primate liver: binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and carcinogenic aromatic hydrocarbons.

Structural characterization of the isoforms of neonatal and adult rat liver metallothionein.

Altered levels of a 5 S gene-specific transcription factor (TFIIIA) during oogenesis and embryonic development of *Xenopus laevis*.

Multiple phosphorylation of rat-liver glycogen synthase by protein kinases.

Linear organization of the liver cell adhesion molecule L-CAM.

Trypan blue uptake as a new method to investigate hepatotoxicity in periportal and pericentral regions of the liver lobule: studies with allyl alcohol in the perfused liver.

Uptake and metabolism of thyroid hormones by the rat foetus in early pregnancy.

Alteration of rat hepatic plasma membrane functions by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Carcinogen-binding proteins. High-affinity binding sites for benzo[a]pyrene in mouse liver distinct from the Ah receptor.

Human liver mitochondrial aldehyde dehydrogenase: a C-terminal segment positions and defines the structure corresponding to the one reported to differ in the Oriental enzyme variant.

Amino acid sequence of NADH-cytochrome b5 reductase of human erythrocytes.

Serum gamma glutamyl transferase as a specific indicator of bile duct lesions in the rat liver.

Evaluation of the genotoxicity of cresols using sister-chromatid exchange (SCE).

Effects of allyl alcohol and bromobenzene on trimethadione metabolism in the rat.

Phosphorylation of glycogen synthase in isolated rabbit hepatocytes.

The genotoxicity of aromatic amines in primary hepatocytes isolated from C57BL/6 and DBA/2 mice.

Relationships between the flux of lipid metabolism in vivo and the uncoupling of respiratory control.

Depression of glucuronyltransferase activity by glucocorticoids in adult female mice.

PCBs and PBBs: biologic and toxic effects on C57BL/6J and DBA/2J inbred mice.

Effects of H₂ receptor antagonists on the hepatotoxicity of various chemicals.

Biogenesis of the mitochondrial enzyme methylmalonyl-CoA mutase. Synthesis and processing of a precursor in a cell-free system and in cultured cells.

Hormonal effects on the phosphorylation of glycogen synthase in rat hepatocytes.

Aldehyde dehydrogenase from human liver. Primary structure of the cytoplasmic isoenzyme.

[Effect of hepatotoxic industrial substances on contact interactions of rat hepatocytes].

In vitro binding of acetic acid and its chlorinated derivatives by the soluble glutathione S-transferases from rat liver.

Processing of human growth hormone by rat hepatocytes in monolayer culture.

A polypeptide containing 55 amino acid residues coded by the pre-S region of hepatitis B virus deoxyribonucleic acid bears the receptor for polymerized human as well as chimpanzee albumins.

Effect of ammonia on amino acid uptake by brain microvessels.

Conservation in rat liver of light and heavy subunit sequences of mammalian ferritin. Presence of unique octopeptide in the light subunit.

Purification of a beta-D-galactosidase from bovine liver by affinity chromatography.

Influence of aging on the susceptibility of rats to hepatotoxic injury.

Characterization of uptake of steroid glucuronides into isolated male and female rat hepatocytes.

Characteristics of taurine transport in rat hepatocytes in primary culture.

Colorimetric assay for monoamine oxidase in tissues using peroxidase and 2,2'-azinodi(3-ethylbenzthiazoline-6-sulfonic acid) as chromogen.

Binding of benzo(a)pyrene and dibenz(a,h)anthracene to the Ah receptor in mouse and rat hepatic cytosols.

Induction of rat hepatic long-chain acyl-CoA hydrolases by various peroxisome proliferators.

Examination and rapid analysis of hepatic cytosolic receptors for 2,3,7,8-tetrachlorodibenzo-p-dioxin using gel-permeation high performance liquid chromatography.

Biosynthesis and compartmentalization of rat-intestinal vitamin-D-dependent calcium-binding protein.

Averufin, an anthraquinone mycotoxin possessing a potent uncoupling effect on mitochondrial respiration.

Isosafrole-induced cytochrome P2-450 in DBA/2N mouse liver. Characterization and genetic control of induction.

Elevated binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3-methylcholanthrene to the Ah receptor in hepatic cytosols from phenobarbital-treated rats and mice.

Effect of injected glucagon or fatty acids on mitochondrial ATPase.

Rhodamine 123 inhibits bioenergetic function in isolated rat liver mitochondria.

In vitro inhibitory effect on porphyrinogen carboxylase of liver extracts from TCDD treated mice.

Different susceptibility of mouse tissues to porphyrogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

TCDD (2,3,7,8-tetrachlorodibenzo-p-dioxin) causes reduction in the low density lipoprotein (LDL) receptor activities in the hepatic plasma membrane of the guinea pig and rat.

The covalent structure of hepatic microsomal epoxide hydrolase. I. Isolation and characterization of the cyanogen bromide fragments.

Ontogeny of the cytosolic receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver, lung, and thymus.

The primary structure of rat liver ribosomal protein L39.

Correlation between the redox state of NAD(P)H and total flow in the perfused rat liver.

The peroxidatic function of liver microsomal cytochrome P-450: comparison of hydrogen peroxide and NADPH-catalysed N-demethylation reactions.

Interaction of cyclophosphamide with DNA in isolated rat liver cell nuclei.

Differential induction of two 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible forms of cytochrome P-450 in extrahepatic versus hepatic tissues.

Rates of allyl alcohol metabolism in periportal and pericentral regions of the liver lobule.

Hepato-renal cooperation in biotransformation, membrane transport, and elimination of cysteine S-conjugates of xenobiotics.

Cytological changes occurring in the liver of coturnix quail with an acute arsenic exposure.

Effect of aging on liver glutathione levels and hepatocellular injury from carbon tetrachloride, allyl alcohol or galactosamine.

Hepatic microsomal calcium uptake during the perinatal period.

Metabolism of 2,4-dichlorophenol by isolated perfused rat liver.

Observations on the effects of cyclophosphamide, phosphoramidate mustard and some activated oxazaphosphorines on murine L1210 leukemia.

Interaction of bis- and mono-N-nitrosoureas with rat liver chromatin in vitro.

Role of kidney and liver in degradation of circulating submaxillary renin in mice.

The isolation and some properties of dairy cow liver mitochondria.

Effects of auxiliary liver transplantation on oxygen consumption in the graft and recipient's liver mitochondria. Possible inter-liver regulating mechanism.

The in vitro metabolism by homogenates of goldfish (*Carassius auratus*) liver of pentachloro-2-(chloromethyl sulphonamido) diphenyl ether, the major component and active ingredient of the mothproofing agent Eulan WA New.

Release of a common source of intracellular Ca^{2+} by alpha-adrenergic agonists and dinitrophenol in rat liver slices.

Noninvasive assessment of microsomal enzyme activity in occupational medicine: present state of knowledge and future perspectives.

Environmental hazards of interest to the forensic pathologist.

Nitrofen: a review and perspective.

The effect of nitrofen [4-(2,4-dichlorophenoxy)nitrobenzene] on the reproductive performance of male rats.

Fatality due to paraquat intoxication: confirmation by postmortem tissue analysis.

Strong evidence from studies with brachymorphic mice and pentachlorophenol that 1'-sulfoxyafrole is the major ultimate electrophilic and carcinogenic metabolite of 1'-hydroxyafrole in mouse liver.

[Paraquat poisoning treated with simultaneous hemoperfusion and hemodialysis].

Effect of phenolic compounds on in vivo activity of transaminases in certain tissues of the fish, *Notopterus notopterus*.

Maternal hepatic effects of 1,2,4,5-tetrachlorobenzene in the rat.

Hypolipidemia and peroxisome proliferation induced by phenoxyacetic acid herbicides in rats.

The effects on rat pups when nitrofen (4-(2,4-dichlorophenoxy)nitrobenzene) was applied dermally to the dam during organogenesis.

Effects of phenoxyherbicides and glyphosate on the hepatic and intestinal biotransformation activities in the rat.

Cyanamide-induced liver injury. A predictable lesion.

Severe transient idiopathic neutropenia and liver damage in a pony.

[Prognostic factors in acute paraquat poisoning. A retrospective study of cases registered by the Poison Control Center of Paris in 1981].

Modification of chemical toxicity by selenium deficiency.

Evaluation of amitrole (aminotriazole) for potential carcinogenicity in orally dosed rats, mice, and golden hamsters.

Paraquat poisoning: evidence of systemic toxicity after dermal exposure.

Effect of chronic herbicide intoxication on in vivo activities of certain enzymes in the liver of freshwater fish *Nemachelius denisonii* (day).

[Deliberate poisoning with paraquat, death in less than 24 hours].

Physiological changes in carps induced by pollution.

Protection against acute paraquat toxicity by dietary selenium in the chick.

[Experimental studies of certain aspects of the hepatotoxicity of allyl alcohol].

The effects of the herbicide 2,4-dichlorophenyl-p-nitrophenyl ether (DDE) on serum thyroid hormones in adult female mice.

Lipid peroxidation: a possible mechanism of cephaloridine-induced nephrotoxicity.

Postnatal developmental alterations following prenatal exposure to the herbicide 2,4-dichlorophenyl-p-nitrophenyl ether: a dose response evaluation in the mouse.

Changes induced by Gramoxon in tissue phospholipids and phospholipid fatty acids in mouse and guinea-pig.

Hepatitis induced by drugs used as alcohol aversion therapy.

Morphological and biochemical studies on liver, kidney and gill of fishes affected by pesticides.

[Hepatotoxicity of 2,4,5-trichlorophenoxyacetic acid. Cytologic and biochemical study in quail embryos].

Toxicity of fluometuron and diuron on the intermediate snail host (*Lymnaea* spp.) of *Fasciola hepatica*.

[Effect of small amounts of 2,4-dichlorophenoxyacetic acid derivatives on thiamine and riboflavin metabolism in the animal body].

Iron overload of spleen, liver and kidney as a consequence of hemolytic anaemia.

Perinatal hepatocarcinogenesis.

Effects of metyrapone on microsomal-dependent *Salmonella* mutagenesis. Studies with chloroallyl ethers and model compounds.

Plasma glutathione and glutathione disulfide in the rat: regulation and response to oxidative stress.

The major role of glutathione in the metabolism and excretion of N,N-dimethyl-4-aminoazobenzene in the rat.

The relationship between paraquat accumulation and covalent binding in rat lung slices.

Intracellular interaction and metabolic fate of arsenite and arsenate in mice and rabbits.

Effect of 1.1.1 trifluoro-N-(2-methyl-4-phenyl sulfonyl) methane sulfonamide (Destun 50WP) on rat hepatic microsomal enzymes, aniline hydroxylase and amino-pyrene N-demethylase.

Formation of diiodotyrosine from thyroxine. Ether-link cleavage, an alternate pathway of thyroxine metabolism.

Acute toxicity of fluorinated ether anesthetics: role of 2,2,2-trifluoroethanol and other metabolites.

Inhibition of hepatic aldehyde dehydrogenases in the rat by calcium carbimide (calcium cyanamide).

Arsenic uptake and metabolism by liver cells is dependent on arsenic oxidation state.

In vitro release of bound (nonextractable) atrazine residues from corn plants by chicken liver homogenate and bovine rumen liquor.

Effects of monocrotaline and monocrotaline pyrrole on 5-hydroxytryptamine and paraquat uptake by lung slices.

Whole body and liver distribution of inhaled mercury vapor in the mouse: influence of ethanol and aminotriazole pretreatment.

Specificity of hepatic aldehyde dehydrogenase inhibition by calcium carbimide (calcium cyanamide) in the rat.

Relationship between catalase activity and uptake of elemental mercury by rat brain.

Paraquat concentration and renal function in mice fed purified and cereal-based diets.

Metabolic activation of cyanamide to an inhibitor of aldehyde dehydrogenase in vitro.

Investigations into the production of acetate from ethanol by human blood and bone marrow cells in vitro.

A new era of exploitation of microbial metabolites.

Studies on the effect of paraquat on glycogen mobilization in liver of common carp (*Cyprinus carpio* L.).

Competitive binding to the cytosolic 2,3,7,8-tetrachlorodibenzo-p-dioxin receptor. Effects of structure on the affinities of substituted halogenated biphenyls--a QSAR analysis.

Effects of chronic ethanol feeding and acetaldehyde metabolism on calcium transport by rat liver mitochondria.

Decreased liver delta-aminolaevulinate dehydratase activity in porphyria cutanea tarda and in alcoholism.

Short-term inhalation test for evaluating industrial hepatotoxicants in rats.

The acute toxicity of perfluorooctanoic and perfluorodecanoic acids in male rats and effects on tissue fatty acids.

Induction of mRNA specific for cytochrome P1-450 in wild type and variant mouse hepatoma cells.

Effects of cytochrome P1-450 inducers on the cell-surface receptors for epidermal growth factor, phorbol 12,13-dibutyrate, or insulin of cultured mouse hepatoma cells.

[Brain death in secondary brain lesion].

Effect of ATP level and its metabolic turnover in liver on the proteosynthesis postmortem.

The respiration-linked limiting step of tumor cell transition from the non-cycling to the cycling state: its inhibition by oxidizable substrates and its relationships to purine metabolism.

Effects of polychlorinated biphenyl compounds, 2,3,7,8-tetrachlorodibenzo-p-dioxin, phenobarbital and iron on hepatic uroporphyrinogen decarboxylase. Implications for the pathogenesis of porphyria.

Hypothyroxinemia and hypothermia in rats in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin administration.

Relationship between hyperthermia-induced heat-shock proteins and thermotolerance in Morris hepatoma cells.

Quantitative removal of hepatitis B viral antigens from serum by a monoclonal IgM coupled to a biocompatible solid-phase support.

Study of isolated mitochondria incubated with labelled and non-labelled alloxan, with regard to intramitochondrial concentrations of reduced glutathione and inorganic phosphate.

The current use of studies on promoters and cocarcinogens in quantitative risk assessment.

The role of growth of normal and preneoplastic cell populations for tumor promotion in rat liver.

Encephalopathic effect of phenol in rats.

Characterization of NADPH-cytochrome P-450 reductase in a mouse hepatoma cell line.

Biochemical and genetic analysis of variant mouse hepatoma cells defective in the induction of benzo(a)pyrene-metabolizing enzyme activity.

The effect of acute inflammation on iron metabolism in rats.

Effects of halogenated dibenzo-p-dioxins on plasma disappearance and biliary excretion of ouabain in rats.

Evaluation of an enzymic procedure for the measurement of acetaminophen.

Tumorigenic effect of sodium arsenite in rat kidney.

Impairment of blastogenic response of splenic lymphocytes from iron-deficient mice: in vivo repletion.

Purification and properties of human erythrocyte uroporphyrinogen decarboxylase: immunological demonstration of the enzyme defect in porphyria cutanea tarda.

Different sensitivity of Zajdela hepatoma mitochondrial ATPase activity to uncouplers in digitonin-treated cells and isolated mitochondria.

Characterization of messenger RNA specific for carcinoembryonic antigen.

[Pharmacological and clinico-pharmacological studies of a combination preparation for calves having antianemia and general tonic action].

Calcium pools in saponin-permeabilized guinea pig hepatocytes.

The analysis of drug action on mitochondrial oxidative phosphorylation. The choice of organic solvent for water-insoluble drugs.

Nutrition-endocrine interactions: induction of reciprocal changes in the delta 4-5 alpha-reduction of testosterone and the cytochrome P-450-dependent oxidation of estradiol by dietary macronutrients in man.

Interaction of metals and carbon tetrachloride on lipid peroxidation and hepatotoxicity.

The metabolism of the anti-inflammatory drug eterylate in rat, dog and man.

Physicochemical characterization of specific and nonspecific polyaromatic hydrocarbon binders in rat and mouse liver cytosol.

Interactions between xenobiotics that increase or decrease the levels of cytochrome P-450 isozymes in rabbit lung and liver.

Effect of N-ethylmaleimide on leucine transport in the Chang liver cell. II. Effect on the kinetics of Na⁺-independent transport.

Periportal localization of lorazepam glucuronidation in the isolated perfused rat liver.

Effects of propylthiouracil on urinary metabolites of cyclophosphamide in rats.

Synthetic [Asu1,7] eel calcitonin increases phosphorus content in the hepatic mitochondria of rats.

Natural history of TCDD-induced liver lesions in rats as observed by transmission electron microscopy during a 32-week period after a single intraperitoneal injection.

Receptor-mediated ¹²⁵I-labelled insulin degradation in the rat hepatocyte. Studies using chloroquine.

Elimination of artifactual acetaldehyde in the measurement of human blood acetaldehyde by the use of polyethylene glycol and sodium azide: normal blood acetaldehyde levels in the dog and human after ethanol.

Inhibition by secalonic acid D of oxidative phosphorylation and Ca²⁺-induced swelling in mitochondria isolated from rat livers.

Chlorobenzene-impaired lindane metabolism and the effect of pretreatment with chlorobenzene, lindane, or chlorobenzene plus lindane.

The primary structure of rat liver ribosomal protein L37. Homology with yeast and bacterial ribosomal proteins.

End group analysis of the cytosolic and mitochondrial fumarases from rat liver.

Polychlorinated benzene and phenol congeners as inducers of rat hepatic drug-metabolizing enzymes in immature male Wistar rats.

Identification and quantitation of glutathione in hepatic protein mixed disulfides and its relationship to glutathione disulfide.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on [³H]thymidine incorporation into rat liver deoxyribonucleic acid.

Distribution, excretion, and metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57BL/6J, DBA/2J, and B6D2F1/J mice.

Phosphorylating efficiency of isolated rat liver mitochondria respiring under the conditions of steady-State 4.

Ethane release during metabolism of aldehydes and monoamines in perfused rat liver.

Inhibitory effects of anthracenedione antineoplastic agents on hepatic and cardiac lipid peroxidation.

Isolation from trout liver of a methionine-containing H1 subfraction, THImet.

Somatomedin synthesis by a subclone of Buffalo rat liver cells: characterization and evidence for immediate secretion of de novo synthesized hormone.

Kinetics of N- and C-hydroxylations of 2-acetylaminofluorene in male Sprague-Dawley rat liver microsomes: implications for carcinogenesis.

Separation of two forms of cytochrome P-450 with aryl hydrocarbon hydroxylase activity from intestinal mucosa microsomes of rabbits treated with 3-methylcholanthrene.

Characteristics of cholic acid uptake in primary cultured hepatocytes.

Active transport of dimethylsulfonium in isolated rat hepatocytes.

Three catalytic sites in mitochondrial ATPase.

The metabolism of arsenite and arsenate by the rat.

Vitamin A (retinol) status in the Gunn rat. The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The alteration of hepatic cytochrome P-450 subpopulations of phenobarbital-induced and uninduced rat by regioselective hepatotoxins.

Immunological and enzymatic comparison of hepatic cytochrome P-450 fractions from phenobarbital-, 3-methylcholanthrene-, beta-naphthoflavone- and 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

Homology of amino acid sequences of rat liver cathepsins B and H with that of papain.

Development of basal and induced aryl hydrocarbon (benzo[a]pyrene) hydroxylase activity in the chicken embryo in ovo.

Purification of pregnancy-specific beta 1-glycoprotein with a monoclonal antibody immunoadsorbent.

Subunit interaction in the mitochondrial H⁺-translocating ATPase. Association of the 26,500-dalton atpase binding protein and oligomycin sensitivity conferral protein with F1-ATPase.

Induction of two immunochemically related rat liver cytochrome P-450 isozymes, cytochromes P-450c and P-450d, by structurally diverse xenobiotics.

Calcium transport and phosphorylated intermediate of (Ca²⁺ + Mg²⁺)-ATPase in plasma membranes of rat liver.

Further biochemical characterization of the polypeptide h3 recently isolated from human brain material, and its identification in human liver.

Toxic activity of seventeen industrial solvents and halogenated compounds on human lymphocytes cultured in vitro.

Lipid peroxidation as a possible cause of TCDD toxicity.

Liver morphology in guinea pigs administered either pyrolysis products of a polychlorinated biphenyl transformer fluid or 2,3,7,8-tetrachlorodibenzo-p-dioxin.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) effects on hepatic microsomal steroid metabolism and serum estradiol of pregnant rats.

The nucleotide sequence of rat liver fatty acid binding protein mRNA.

Higher Chlorinated Dioxins Implicated in the Mortality of Young Pigs Kept on a Pentachlorophenol-treated Wooden Floor.

Cytotoxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin on primary cultures of adult rat hepatocytes.

The calorogenic nature of hepatic ketogenesis: an explanation for the stimulation of respiration induced by fatty acid substrates.

Genotoxicity of N-acetylarylamines in the salmonella/hepatocyte system.

[Effect of heliomycin on the respiration and oxidative phosphorylation of the liver mitochondria of the rat].

Comparison of hepatic biotransformation and toxicity of allyl alcohol and [1,1-2H₂]allyl alcohol in rats.

Sephacryl-sepharose as substrate for rat liver long-chain fatty acyl-CoA synthetase.

Effect of polycyclic aromatic compounds and phorbol esters on ornithine decarboxylase and aryl hydrocarbon hydroxylase activities in mouse liver.

Hepatic microsomal metabolism of the dichloroethanes.

Inhibition of testosterone biosynthesis by ethanol. Relation to hepatic and testicular acetaldehyde, ketone bodies and cytosolic redox state in rats.

Toxicity and biotransformation of acetaminophen in rat hepatocytes (I). Uptake and release.

Teratology testing: I. Development and status of short-term prescreens. II. Biotransformation of teratogens as studied in whole embryo culture.

Effect of lidocaine on hepatic prostanoid production in vitro following 2,4-dinitrophenol administration.

Mutagenicity and DNA damage induced by arylamines in the Salmonella/hepatocyte system.

Insulin depolarization of rat hepatocytes in primary monolayer culture.

Amino acid sequence studies on sheep liver fructose-bisphosphatase. II. The complete sequence.

Toxicity of 3,3',4,4'- and 2,2',5,5'-tetrabromobiphenyl: correlation of activity with aryl hydrocarbon hydroxylase induction and lack of protection by antioxidants.

Cytochemical localization of glutaraldehyde-resistant NAD(P)H-oxidase in rat hepatocytes.

Occupational exposure to hexachlorocyclohexane. VI. Metabolism of gamma-hexachlorocyclohexane in man.

Chemically-induced alteration of UDP-glucuronic acid concentration in rat liver.

[Experimental chronic paraquat poisoning. Functional and histopathological pulmonary changes].

Pentachlorophenol, an assessment of the occupational hazard.

Paraquat--the weed and people killer.

Paraquat poisoning: a clinical and epidemiological review of 30 cases.

Prognosis and treatment of paraquat poisoning: a review of 28 cases.

Phenoxy acid herbicides cause peroxisome proliferation in Chinese hamsters.

Effects of organochlorine compounds on lipid catabolism of foetal rat liver mitochondria and microsomes.

Immunotoxicity of technical pentachlorophenol (PCP-T): depressed humoral immune responses to T-dependent and T-independent antigen stimulation in PCP-T exposed mice.

Effects of sodium pentachlorophenate on enzymes of energy metabolism in tissues of *Notopterus notopterus*.

Effects of anionic xenobiotics on rat kidney. I--Tissue and mitochondrial respiration.

Neurotoxicological investigation of the new Hungarian pesticide Toxurazine.

Significance of plant metabolism in the mutagenicity and toxicity of pesticides.

[Hepatotoxicity of selected polychlorinated aromatic hydrocarbons].

Inhibition of energy-dependent transhydrogenase reaction by N-(phosphonomethyl) glycine in isolated rat liver mitochondria.

Sex differences in the metabolism of hexachlorobenzene by rats and the development of porphyria in females.

[The effect of (+)-cyanidanol-3 on toxic fatty infiltration of liver parenchyma (author's transl)].

Effects of aldehyde dehydrogenase inhibitors on enzymes involved in the metabolism of biogenic aldehydes in rat liver and brain.

Dose-effect relationship between ethyl alcohol pretreatment and retention and tissue distribution of mercury vapor in rats.

The formation and metabolism of N-hydroxymethyl compounds--I. The oxidative N-demethylation of N-dimethyl derivatives of arylamines, aryltriazenes, arylformamidines and arylureas including the herbicide monuron.

Interaction of cyclophosphamide metabolites with membrane proteins: an in vitro study with rabbit liver microsomes and human red blood cells. Effect of thiols.

Serological approaches for the characterization of catalase in tissue-derived mycobacteria.

Changes in hepatic microsomal enzyme function in workers exposed to mixtures of chemicals.

Metabolic activation of cyanamide by liver mitochondria, a requirement for the inhibition of aldehyde dehydrogenase enzymes.

The effects of clofibrate and 3-amino-1,2,4-triazole on liver catalase and lipid metabolism in mice.

[Effects of pentachlorophenol on the levels of hepatic glycogen].

Defective nicotinamide nucleotide transhydrogenase reaction in hepatic mitochondria of N-(phosphonomethyl)-glycine treated rats.

In vivo cooperation between hepatic catalase and superoxide dismutase demonstrated by diethyldithiocarbamate.

Increase in hepatic mixed disulphide and glutathione disulphide levels elicited by paraquat.

Effect of drugs and hormones on rat liver dimethylaminoazobenzene reductase activity.

Effects of fluometuron on embryonic development and hatching of *Fasciola hepatica*'s Miracidia.

Conjugation of pentachlorophenol to palmitic acid by liver microsomes.

Allylamine cardiotoxicity--IV. Metabolism to acrolein by cardiovascular tissues.

Active oxygen metabolites and their action in the hepatocyte. Studies on chemiluminescence responses and alkane production.

The effect of ionophore A23187 and 2,4-dinitrophenol on the structure and function of cultured liver cells.

In vivo resistance towards anthracyclines, etoposide, and cis-diamminedichloroplatinum(II).

An analysis of fetotoxicity using biochemical endpoints of organ differentiation.

Influence of *Mycoplasma arginini* infection on the induction of aryl hydrocarbon hydroxylase by TCDD in rat hepatoma cell cultures.

[A new test for hemolysis related to tocopherol deficiency: hemolysis caused by sodium azide (NaN₃). Results in cholestasis in children].

Visual evoked potentials in encephalopathy induced by galactosamine, ammonia, dimethyldisulfide, and octanoic acid.

PCB isomers and congeners: induction of aryl hydrocarbon hydroxylase and ethoxyresorufin O-deethylase enzyme activities in rat hepatoma cells.

Effect of long-term ethanol feeding on rat liver interstitial collagens.

Differential effects of 2,4-dinitrophenol and valinomycin (+ K⁺) on uncoupler-stimulated ATPase of human tumor mitochondria.

Increased urinary D-glucaric acid excretion by children living in an area polluted with tetrachlorodibenzoparadioxin (TCDD).

Induction of porphyria in the rat by chronic versus acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Misonidazole-induced biochemical alterations of mammalian cells: effects on glycolysis.

Mutagenic evaluation of carcinogens and non-carcinogens in the L5178Y/TK assay utilizing postmitochondrial fractions (S9) from normal rat liver.

Stability of hexokinase II in vitro and in ascites tumor cells.

Ascorbic acid and iron levels in plasma and liver of vitamin C deficient guinea pigs after iron overload and desferrioxamine administration.

[Pathogenesis of hyperlipidemia and fatty liver of rabbits induced by methyl iodide. Increased synthesis and secretion of triglyceride in the liver].

Studies in neuronal ceroid lipofuscinosis: enzymes of liver and brain tissues involved in the defense against oxidative damage.

Enhancement of hyperthermia-induced cytotoxicity upon ATP deprivation.

A study of oxidative phosphorylative activity and calcium-induced respiration of rat liver mitochondria following living *Escherichia coli* injection.

The TCDD receptor in rat intestinal mucosa and its possible dietary ligands.

Acnegenic activity of 3-methylcholanthrene and benzo[a]pyrene, and a comparative study with 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rabbit and hairless mouse.

The functional and ultrastructural changes of hepatic mitochondria in acute experimental pancreatitis in dogs treated with prostacyclin.

Isolation of gamma-glutamyl transpeptidase positive hepatocytes during the early stages of hepatocarcinogenesis in the rat.

Comparisons of highly purified hepatic microsomal cytochromes P-450 from Holtzman and Long-Evans rats.

A role for 2,4-enoyl-CoA reductase in mitochondrial beta-oxidation of polyunsaturated fatty acids. Effects of treatment with clofibrate on oxidation of polyunsaturated acylcarnitines by isolated rat liver mitochondria.

Purification of a Gal beta 1 to 4GlcNAc alpha 2 to 6 sialyltransferase and a Gal beta 1 to 3(4)GlcNAc alpha 2 to 3 sialyltransferase to homogeneity from rat liver.

Purification, characterization and regulation of five rat hepatic microsomal cytochrome P-450 isozymes.

The kinetics of uptake of 5-fluorouracil by rat liver.

Effect of thyroidectomy on oxidative phosphorylation mechanisms in rat liver mitochondria.

[Characteristics of the system of corticosterone binding by hepatocyte plasma membranes].

Binding of 3-methylcholanthrene and 2,3,7,8-tetrachlorodibenzo-p-dioxin to a common Ah receptor site in mouse and rat hepatic cytosols.

Effects of dopamine-beta-hydroxylase inhibitors FLA-57 and FLA-63 on ethanol metabolism and aldehyde dehydrogenase activity in rats.

Protective role of thiols in cyclophosphamide-induced urotoxicity and depression of hepatic drug metabolism.

Metabolism of parathyroid hormone by Kupffer cells: analysis by reverse-phase high-performance liquid chromatography.

The primary structure of the acidic phosphoprotein P2 from rat liver 60 S ribosomal subunits. Comparison with ribosomal 'A' proteins from other species.

Differential effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on nuclear RNA polymerase activity in the rat liver and thymus.

Structure-activity relationships of chlorinated benzenes as inducers of different forms of cytochrome P-450 in rat liver.

Influence of 2,3,7,8-TCDD on the protein composition of the plasma membrane of hepatic cells from the rat.

On the mechanism by which hormones induce the release of Ca^{2+} from mitochondria in the liver cell.

Structure of dihydrofolate reductase: primary sequence of the bovine liver enzyme.

Halogenated biphenyls: molecular toxicology.

Hepatic morphine and estrone glucuronyltransferase activity and morphine biliary excretion in the isolated perfused rat liver. Effect of pregnancy and estradiol-17 beta treatment.

Calcium plays an important role in the regulation of hepatic branched-chain 2-oxo acid dehydrogenase activity.

Heterogeneity in the rate of benzo[a]pyrene metabolism in single cells: quantitation using flow cytometry.

Fate of 2,3,7,8-tetrachlorodibenzo-p-dioxin metabolites from dogs in rats.

The 1,2-dichloroethylenes: their metabolism by hepatic cytochrome p-450 in vitro.

Structural features of liver microsomal NADPH-cytochrome P-450 reductase. Hydrophobic domain, hydrophilic domain, and connecting region.

Effect of microsomal cytochrome P-450 isozyme induction on the mutagenic activation of 2-aminoanthracene.

An oligomycin-resistant Mg^{2+} -dependent ATPase in rabbit bone marrow mitochondria.

Purification and properties of glycine N-methyltransferase from rat liver.

Primary structure of rat liver Z-protein. A low-Mr cytosol protein that binds sterols, fatty acids and other small molecules.

Energy linked uptake of demethylphalloin by isolated rat liver cells.

Determinants of biliary secretion in isolated perfused skate liver.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin and phenobarbital on the occurrence and distribution of four cytochrome P-450 isozymes in rabbit kidney, lung, and liver.

Rabbit liver fructose-1,6-bisphosphatase: location of an active site lysyl residue in the COOH-terminal fragment generated by a lysosomal proteinase.

Role of zinc as an activator of mitochondrial function in rat liver.

Multiple phosphorylation of rat liver 3-hydroxy 3-methylglutaryl coenzyme A reductase.

Identification of metabolites of 2, 3, 7, 8-tetrachlorodibenzo-P-dioxin (TCDD) formed on incubation with isolated rat hepatocytes.

Human hepatic microsomal epoxide hydrolase. A structural comparison with the rat enzyme.

Purification and characterization of two constitutive forms of rat liver microsomal cytochrome P-450.

Toxicokinetics of chloroethanol in the rat after single oral administration.

Liver mitochondria contain an ATP-dependent, vanadate-sensitive pathway for the degradation of proteins.

Cytosolic and nuclear binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin to the Ah receptor in extra-hepatic tissues of rats and mice.

High-affinity binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin in cell nuclei from rat liver.

Activation of misonidazole by rat liver microsomes and purified NADPH-cytochrome c reductase.

Carcinogenesis Bioassay of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (CAS No. 1746-01-6) in Osborne-Mendel Rats and B6C3F1 Mice (Gavage Study).

Effects of extended peroral borate ingestion on rat liver and brain.

Effects of dichlorodiphenyltrichloroethane and its analogues on rat liver mitochondria.

Therapeutic properties of dihydroxy-dibutylether on sub-acute liver damage induced by several hepatotoxic agents in rats.

Light, fluorescence and electron microscopic observations on vitamin A storing cells in allyl-alcohol induced liver damage.

Induction of rat liver cytoplasmic aldehyde dehydrogenase by phenobarbital and polycyclic hydrocarbons. Comparison of different isoenzyme types.

Histochemical localization of carbohydrates and lipids in the liver and kidney of mice poisoned with chlorophenols.

Interrelationships between gluconeogenesis and uricogenesis in chicken liver.

[Morphometric analysis and reaction to allyl alcohol of light and heavy hepatocytes (author's transl)].

Uptake of cholic acid by freshly isolated rat hepatocytes: presence of a common carrier for bile acid transports.

The Ah regulatory gene product. Survey of nineteen polycyclic aromatic compounds' and fifteen benzo[a]pyrene metabolites' capacity to bind to the cytosolic receptor.

The effects of dimethylnitrosamine and allyl alcohol on primary maintenance cultures of adult rabbit hepatocytes.

[Catecholamine regulation of the liver and kidney ATPase activity in mice].

Effect of 4-dimethylaminomethyl-1-(3-hydroxyphenyl)-1-nonen-3-one hydrochloride and related compounds on respiration in rat liver mitochondria.

Lack of effect of a purified diet on carbon tetrachloride or oxygen toxicity.

Toxicity of chlorinated phenoxy acids in combination with 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57BL/6 male mice.

Hepatic injury associated with paraquat toxicity in humans.

Role of glutathione in the metabolism-dependent toxicity and chemotherapy of cyclophosphamide.

Effect of phenolic compounds on in vivo activity of glucose-6-phosphatase in certain tissues of *Notopterus notopterus*.

Acceleration of lipid peroxidation in human paraquat poisoning.

Effects of sublethal concentrations of pentachlorophenol on the liver of bluegill sunfish, *Lepomis macrochirus*.

A study of the health of Malaysian plantation workers with particular reference to paraquat spraymen.

Increased biliary GSSG-secretion and loss of hepatic glutathione in isolated perfused rat liver after paraquat treatment.

Ground glass inclusions in liver cells in an alcoholic treated with cyanamide (Dipsan).

[Hepatic lesion in three autopsy cases of paraquat poisoning (author's transl)].

Carcinogenicity of picloram.

Cardiovascular changes during the calcium carbimide-ethanol interaction.

Assessment of the teratogenic potential of acrolein and cyclophosphamide in a rat embryo culture system.

[Embryotropic action of the triazine herbicide polyzin 50].

[Pentachlorophenol and liver-function: a pilot-study on occupationally exposed collectives (author's transl)].

[Field study of workers with longterm exposure to calcium cyanamide (author's transl)].

Subchronic administration of technical pentachlorophenol to lactating dairy cattle: performance, general health, and pathologic changes.

A comparative review of the pharmacological and toxicological properties of disulfiram and calcium carbimide.

Inhibition of lipogenesis in isolated hepatocytes by 3-amino-1,2,4-triazole.

Protection by 3-amino-1,2,4-triazole against the lowered uptake of p-biphenylmethyl-(dl-tropyl-alpha-tropinium) bromide into the hepatic lysosomes of carbon tetrachloride-treated mice.

The effect of 3-amino-1,2,4-triazole on hepatic and renal deiodination of L-thyroxine to 3,5,3'-triiodothyronine.

Reye's syndrome simulacra in liver of mice after treatment with chemical agents and encephalomyocarditis virus.

Prevention of the hepatotoxic action of N-hydroxy-2-acetylaminofluorene in the rat by inhibition of N-O-sulfation by pentachlorophenol.

The influence of putrefactive changes on the determination of Paraquat in autopsy materials.

Effect of cyanamide on the metabolism of ethanol and acetaldehyde and on gluconeogenesis by isolated rat hepatocytes.

Pharmacokinetics of 2,4,5-T PGBE ester applied dermally to rats.

Metabolites of diuron, linuron, and methazole formed by liver microsomal enzymes and spinach plants.

Production of acetaldehyde and ethanol by isolated rat liver parenchymal cells in the presence of diethyl ether.

Herbicides and fungicides stimulate Ca²⁺ efflux from rat liver mitochondria.

Methanol poisoning and formate oxidation in nitrous oxide-treated rats.

[Pentachlorophenol concentrations in tissues and body fluids of normal persons (author's transl)].

Role of sulfation in the formation of DNA adducts from N-hydroxy-2-acetylaminofluorene in rat liver in vivo. Inhibition of N-acetylated aminofluorene adduct formation by pentachlorophenol.

The effect of cyanamide on acetaldehyde oxidation by isolated rat liver mitochondria and on the inhibition of pyruvate oxidation by acetaldehyde.

2,4-Dichloro-phenoxy-acetic acid interactions with the detoxification hepatic systems.

A comparison of NADPH and cumene hydroperoxide-stimulated lipid peroxidation in mouse hepatic microsomes.

Relationship between clinical and electrophysiological findings and indicators of heavy exposure to 2,3,7,8-tetrachlorodibenzo-dioxin.

Severe chlorate poisoning: report of a case.

Influence of 2,4-dinitrophenol on the susceptibility of rats to hepatotoxic injury.

Quantitation of differences between spontaneous and induced liver tumors in mice with an automated image analyzer.

Biological evaluation of hemoperfusion in acute poisoning.

Influence of inducers of monooxygenases on cytotoxic efficiency of ellipticine on leukemia L1210 cells.

[Experimental studies on metabolism of iron overload in dogs with carbon tetrachloride induced chronic hepatic injury (author's transl)].

A comparison of purified poly(ADP-ribose) polymerases from Ehrlich ascites tumor cells, pig thymus, and HeLa S3 cells.

Mechanism of natural resistance to vincristine in rat ascites hepatoma AH66.

Acute and subchronic toxicity studies of rats exposed to vapors of methyl mercaptan and other reduced-sulfur compounds.

Enzymatic alterations in mouse hepatic nodules induced by a chlorinated hydrocarbon pesticide.

Acute and short-term toxicity of 2,3,4,6-tetrachlorophenol in rats.

A scanning electron microscopic study of the two-step effect of cytochalasin B on Ehrlich ascites tumor cells.

The role of respiration in tumor cell transition from the noncycling to the cycling state.

Comparison of the metabolic and antihypertensive properties of tienilic acid and hydrochlorothiazide.

The accumulation of amino acids by mouse ascites-tumour cells. Dependence on but lack of equilibrium with the sodium-ion electrochemical gradient.

Haptoglobin. A novel mode of biosynthesis of a liver secretory glycoprotein.

Evidence for a plasma membrane redox system on intact ascites tumor cells with different metastatic capacity.

The development and prognosis of chronic intoxication by tetrachlorodibenzo-p-dioxin in men.

Transfer of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) to the mouse embryo and fetus.

The influence of malnutrition on the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats.

New aspects of the origin of hepatocellular vacuoles. An ultrastructural study on rat and mice liver after different intoxications.

Biotransformation and porphyrinogenic action of hexachlorobenzene and its metabolites in a primary liver cell culture.

Arsenic-related hepatic angiosarcoma.

The covalent structure of pig kidney fructose-1,6-bisphosphatase. Sequence of a 63-residue cyanogen bromide peptide containing a phosphorylatable serine.

5-Fluoro- and 5-chlorocyclophosphamide: synthesis, metabolism, and antitumor activity of the cis and trans isomers.

Biochemical and morphological changes induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat liver cell plasma membrane.

Synthesis of adenosine triphosphate in respiration-inhibited submitochondrial particles induced by microsecond electric pulses.

Studies on the mechanism of denaturation of cytochrome P-450 by cyclophosphamide and its metabolites.

Amino acid sequence of copper-zinc superoxide dismutase from horse liver.

A study with model substrates of the structure of the sites phosphorylated by rat liver casein kinase TS.

Studies on the biliary excretion and metabolites of hexachlorobenzene in the rat.

Development of a toxicity test system using primary rat liver cells.

Estimation of genetic risks of alkylating agents. VI. Exposure of mice and bacteria to methyl bromide.

On the formation of amino acids deriving from spermidine and spermine.

Hepatic toxicity and uroporphyrinogen decarboxylase activity following a single dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin to mice.

Difference in the nature of induction of mixed-function oxidase systems of the rat liver among phenobarbital, DDT, 3-methylcholanthrene, and TCDD.

Ether inhibition of ethanol metabolism in isolated rat liver parenchymal cells.

Omega- and (omega-1)-hydroxylation of 1-dodecanol by frog liver microsomes.

Interaction of phenols with delta 9 terminal desaturase and other cyanide-sensitive factors in chicken liver microsomes.

Conversion of 5-aminolaevulinate into haem by liver homogenates. Comparison of rat and chick embryo.

Oxidation of branched-chain amino acids in skeletal muscle and liver of rat. Effects of octanoate and energy state.

The complete amino acid sequence of mitochondrial glutamic oxaloacetic transaminase from rat liver.

The effects of 1,10-phenanthroline on the binding of activated rat hepatic glucocorticoid-receptor complexes to deoxyribonucleic acid-cellulose.

In vivo drug metabolism and liver lobule heterogeneity in the rat.

Inhibition in vivo of the formation of adducts between metabolites of benzo(a)pyrene and DNA by aryl hydrocarbon hydroxylase inducers.

Alpha-fetoprotein on human peripheral blood lymphocytes does not block complement-dependent lymphocytotoxicity.

Localization of a hepatitis B surface antigen determinant deduced from results of chemical modifications.

Uptake and processing of the precursor for rat liver ornithine transcarbamylase by isolated mitochondria. Inhibition by uncouplers.

Control of ethanol utilization by rat hepatocytes.

Aflatoxin inhibition of reversed electron transfer in rat liver mitochondria in vitro.

Rabbit liver fructose 1,6-bisphosphatase: labeling of the active and allosteric sites with pyridoxal 5-phosphate and sequence of a nonapeptide from the active site.

Polyhalogenated biphenyls and phenobarbital: evaluation as inducers of drug metabolizing enzymes in the sheephead, *Archosargus probatocephalus*.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic and renal prostaglandin synthetase.

Enterohepatic circulation in formation of propachlor (2-chloro-N-isopropylacetanilide) metabolites in the rat.

Induction of benzo[a]pyrene metabolism by 2,3,7,8-tetrachlorodibenzo-p-dioxin in primary cultures of adult rat hepatocytes.

Complete amino acid sequence of a membrane receptor for glycoproteins. Sequence of the chicken hepatic lectin.

Differences in inducibility of particulate and cytosolic rat liver glutathione S-transferase activities.

Complete amino acid sequence of mouse liver metallothionein-II.

The mutagenic properties of hexachloroacetone in short-term bacterial mutagen assay systems.

Exogenous, but not endogenous, cyclic GMP reduces hepatic pyruvate kinase activity.

Regulatory gene product of the Ah complex. Comparison of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3-methylcholanthrene binding to several moieties in mouse liver cytosol.

Enhanced liver DNA synthesis in partially hepatectomized rats pretreated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Substrate adhesion of rat hepatocytes: mechanism of attachment to collagen substrates.

Determination of 2,3,7,8-tetrachlorodibenzo-p-dioxin in goat milk and tissues by glass capillary gas chromatography and medium resolution mass fragmentography.

Structural gene products of the murine Ah complex. Differences in ontogenesis and glucosamine incorporation between liver microsomal cytochromes P1-450 and P-448 induced by polycyclic aromatic compounds.

The differential localization of various drug metabolizing systems within the rat liver lobule as determined by the hepatotoxins allyl alcohol, carbon tetrachloride and bromobenzene.

Structural analysis of the mu-chains synthesized by fetal liver hybridomas.

Potent induction of rat liver microsomal, drug-metabolizing enzymes by 2,3,3',4,4',5-hexabromobiphenyl, a component of fireMaster.

Effect of diesel particulate exposure on adenylate and guanylate cyclase of rat and guinea pig liver and lung.

The rabbit pulmonary monooxygenase system. partial structural characterization of the cytochrome P-450 components and comparison to the hepatic cytochrome P-450.

Effect of hypophysectomy and castration on hepatic, pulmonary and intestinal aryl hydrocarbon hydroxylase activities in the rat.

[Tissue-specific regulation of rat liver mitochondrial oxidative phosphorylation by a soluble phase of cells from that organ].

Uptake of anticoagulants by isolated rat hepatocytes.

Effects of pyruvate and other metabolites on cyclic GMP levels in incubations of rat hepatocytes and kidney cortex.

Inhibitory effect on calcium channel blockers on alpha -adrenergic activation of glycogenolysis and calcium efflux in perfused rat liver.

Effect of several factors on the liver extract mediated mutagenicity of acrylonitrile and identification of four new in vitro metabolites.

Activation and inhibition of rat hepatic UDP-glucuronyltransferase by mercuric acetate.

The carboxy-terminal amino acid sequence of rabbit liver fructose 1,6-bisphosphatase.

Interaction of the hepatic receptor protein for 2,3,7,8-tetrachlorodibenzo-rho-dioxin with DNA.

Energy-dependent activation and magnesium--dependent inactivation of hepatocyte hormone-sensitive phosphodiesterase.

Effect of 2,4 dinitrophenol on the rate of hepatic prostaglandin production.

Induction of mixed-function oxidase by chronic treatment with 2,3,7,8-tetrachloro-dibenzo-p-dioxin in female rats.

Biotransformation and intracellular binding of arsenic in tissues of rabbits after intraperitoneal administration of ⁷⁴As labelled arsenite.

Effect of arginine thiazolidinecarboxylate on allyl alcohol hepatotoxicity in the rat.

The effect of intestinal microflora on the enterohepatic circulation of mercapturic acid pathway metabolites.

Alteration of urinary levels of the carcinogen, N-hydroxy-2-naphthylamine, and its N-glucuronide in the rat by control of urinary pH, inhibition of metabolic sulfation, and changes in biliary excretion.

Simultaneous immobilization of cytochrome P-450 and glucuronyltransferase for synthesis of drug metabolites.

Inhibition of succinate-linking reduction of pyridine nucleotide in rat liver mitochondria 'in vivo' by N-(phosphonomethyl)glycine.

A histopathological study of the liver in paraquat poisoning--an analysis of fourteen autopsy cases with emphasis on bile duct injury.

[Biochemical and morphological changes in white rat lung and liver tissues in experimental paraquat poisoning].

Dioxin. A case in point.

Toxicity and bioaccumulation of pentachlorophenol in broiler chickens.

Liver necrosis and lipid peroxidation in the rat as the result of paraquat and diquat administration. Effect of selenium deficiency.

[Paraquat poisoning; clinical toxicological aspects and a case description].

Ultrastructural morphometric investigations on rat liver of young and adult rats after treatment with technical pentachlorophenol (PCP).

The changing pattern of paraquat poisoning in man.

Cyanamide-induced liver injury in alcoholics.

Effects of pentachlorophenol on rat liver changes induced by hexachlorobenzene, with special reference to porphyria, and alterations in mixed function oxygenases.

Pentose pathway in pulmonary fibrosis due to chronic paraquat poisoning.

[Comparative study of the intermittent and continuous action of the herbicide, Ramrod].

[Assessment of the chronic toxic action of the herbicide, balagrin, in continuous and intermittent exposure regimens].

[Thiamine allowance of animals receiving rye and wheat grains grown with the use of herbicides from the phenoxy acid chlorine derivative group].

Decrease of reduced glutathione in isolated rat hepatocytes caused by acrolein, acrylonitrile, and the thermal degradation products of styrene copolymers.

Human health effects of selected pesticides, chloroaniline derivatives.

Hydroperoxide-induced chemiluminescence of the perfused lung.

The involvement of porphyrogenic steroids in the development of experimental porphyria.

Ethanol oxidation by isolated hepatocytes from fed and starved rats and from rats exposed to ethanol, phenobarbitone or 3-amino-triazole. No evidence for a physiological role of a microsomal ethanol oxidation system.

Ethanol oxidation in isolated hepatocytes.

Metabolism of deethylatrazine, deisopropylatrazine, and hydroxyatrazine by the soluble fraction (105000 g) from goose liver homogenates.

Paraquat-stimulated binding of dopa to liver and lung microsomal protein.

Inhibition of sulfate conjugation of N-hydroxy-2-acetylaminofluorene in isolated perfused rat liver and in the rat in vivo by pentachlorophenol and low sulfate.

The biotransformation of allyl alcohol and acrolein in rat liver and lung preparations.

3-Amino-1,2,4-triazole is an inhibitor of protein synthesis on mitoribosomes in *Neurospora crassa*.

A review of the coordinated research effort on the comparison of test systems for the detection of mutagenic effects, sponsored by the E.E.C.

S-oxygenation of an alkylmercaptotriazine herbicide by rat, rabbit and human liver enzymes.

Effects of pentachlorophenol and 2,4,6-trichlorophenol on the disposition of sulfobromophthalein and respiration of isolated liver cells.

Investigations on the presence of porphyrinogen carboxy-lyase inhibitor in the liver of rats intoxicated with hexachlorobenzene.

Mutagenicity of pesticides evaluated by means of gene-conversion in *Saccharomyces cerevisiae* and in *Aspergillus nidulans*.

A membrane glycoprotein from human neuroblastoma cells isolated with the use of a monoclonal antibody.

Temperature-dependent cytosol-to-nucleus translocation of the Ah receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in continuous cell culture lines.

Mechanism of the linkage between the electrophoretic mobility and oxygen uptake of ascites tumor cells.

Comparative induction of aryl hydrocarbon hydroxylase activity in vitro by analogues of dibenzo-p-dioxin.

Cultured hepatoma cells as a model system for studying insulin processing and biologic responsiveness.

Histopathologic differences between liver tumors in untreated (C57BL/6 X C3H)F1 (B6C3F1) mice and Nitrofen-fed mice.

Effects of 2,4-dinitrophenol and other metabolic inhibitors on the bidirectional carrier fluxes, net transport, and intracellular binding of methotrexate in Ehrlich ascites tumor cells.

Carcinogenicity of pronamide.

Metabolism of 3,3'-Diiodothyronine and 3'-monoiodothyronine, and effect of potassium cyanide and dinitrophenol and glucuronidation of thyroxine in cultured rat hepatoma cells.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the hepatic storage of retinol in rats with different dietary supplies of vitamin A (retinol).

Quantitative evaluation of the promotion by 2,3,7,8-tetrachlorodibenzo-p-dioxin of hepatocarcinogenesis from diethylnitrosamine.

Effects of level and source of dietary fat on the bioavailability of iron from turkey meat for the anemic rat.

Effect of iron therapy on serum ferritin levels in iron-deficiency anemia.

Relationship between membrane transport of methotrexate and endogenous cyclic adenosine 3':5'-monophosphate in the Ehrlich ascites tumor.

Interstitial collagen polymorphism in rat liver with CCl₄-induced cirrhosis.

Mitochondrial function of rat liver in biliary obstruction.

Characterization of collagen synthesized by normal and chemically transformed rat liver epithelial cell lines.

Covalent structure of collagen: amino acid sequence of alpha 1 (III)-CB5 from type III collagen of human liver.

Allergic contact dermatitis from methylisothiocyanate in soil disinfectants.

Modification of mitochondrial respiration by aging and dietary restriction.

Chemical company suppresses dioxin report.

The primary structure of amyloid fibril protein AA in endotoxin-induced amyloidosis of the mink.

Primary structure of chicken liver dihydrofolate reductase.

Health aspects of rabbits in a low-TCDD contaminated area.

Blood clearance tests for detecting 2,3,7,8-tetrachlorodibenzo-p-dioxin hepatotoxicity in rats and rabbits.

[Use of antagonistic metals to correct copper metabolism in patients with hepatocerebral dystrophy].

General health effects of prolonged exposure to 3,3',4,4'-tetrachloroazobenzene and 3,3',4,4'-tetrachloroazoxybenzene in rats.

Role of the endocrine system in the action of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the thymus.

Biological evaluation of hemoperfusion in acute poisoning.

Catalysis of divergent pathways of 2-acetylaminofluorene metabolism by multiple forms of cytochrome P-450.

Mutagenicity of urine from rats after administration of 2,4-diaminoanisole: the effect of microsomal enzyme inducers.

Effect of pH on the sensitivity of mitochondrial ATPase to free ATP, ADP and anions.

Amino acid sequence studies on sheep liver fructose-bisphosphatase. I. The S-peptide.

Primary structure of mitochondrial glutamic oxaloacetic transaminase from rat liver : comparison with that of the pig heart isozyme.

[Reduced glutathione in rat liver intoxicated with allyl alcohol].

Metabolism of propachlor by the germfree rat.

Inhibition of mixed-function oxidation of p-nitroanisole in perfused rat liver by 2,4-dinitrophenol.

Control of hepatic arterial blood flow: independence from liver metabolic activity.

Amino acid sequence of a collagenolytic protease from the hepatopancreas of the fiddler crab, *Uca pugilator*.

Effect of form of iron on nickel deprivation in the rat: Plasma and liver lipids.

Translation of poly-A RNA from rat liver in vitro. Evidence for a high molecular weight subunit of tyrosine aminotransferase.

Purification and structural comparison of pulmonary and hepatic cytochrome P-450 from rabbits.

Bioassay of Fluometuron for Possible Carcinogenicity (CAS No. 2164-17-2).

Bioassay of a Mixture of 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin and 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (Gavage) for Possible Carcinogenicity (CAS No. 57653-85-7, CAS No. 19408-74-3).

[Liver regeneration characteristics in young rats in allyl alcohol lesion of the periportal areas].

Influence of hypoxia on the hepatotoxic effects of carbon tetrachloride, paracetamol, allyl alcohol, bromobenzene and thioacetamide.

Comparison of aryl hydrocarbon hydroxylase and epoxide hydratase. Induction in primary fetal rat liver cell culture.

Mutagenic activation of N-2-fluorenylacetamide and N-hydroxy-N-2-fluorenylacetamide in subcellular fractions from X/Gf mice.

Non-hormonal activation of glycogenolysis in perfused rat livers.

Phosphorylation of rat hepatic fructose-1,6-bisphosphatase and pyruvate kinase.

Respiratory effects and ascorbate reactions with misonidazole and other recently developed drugs.

Effect of human gastric juice on the mutagenicity of chemicals.

Necrotropic protective effect of Ca-Mg gluconolactate on allyl alcohol-induced liver necrosis in rats.

Analysis of the lytic step in the herpes simplex virus antibody-dependent cellular cytotoxicity system.

Activation of liver microsomes by 2,3,4,5-tetrachlorophenol.

[Properties of anion-sensitive ATPase from plasma membranes of rat liver].

Amino acid sequence of the membranous segment of rabbit liver cytochrome b5. Methodology for separation of hydrophobic peptides.

Isolation and characterization of a constitutive form of rabbit liver microsomal cytochrome P-450.

Biosynthesis of interstitial types of collagen by albumin-producing rat liver parenchymal cell (hepatocyte) clones in culture.

Combined action of hepatotoxic substances and increased environmental temperature on the liver of rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxic effects and tissue levels in animals from the contaminated area of Seveso, Italy.

Purification and properties of the major tRNA^{His} from sheep liver.

Ultrastructure of hepatic and heart muscle mitochondria after 2,4-dinitrophenol treatment in vivo.

Evaluation of hepatocytes isolated by a nonperfusion technique in a prescreen for cytotoxicity.

Effects of dietary vitamin A (retinol) on the reduction of hepatic retinol storage caused by 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin.

Effect of metal salts on UDPglucuronosyltransferase activity of various aglycones in rat liver microsomes in vitro.

Mutagenicity of vinyl compounds in *Salmonella typhimurium*.

[Biological value of Mironovskaya-808 winter wheat grown using the herbicide simazine].

Biochemical and morphological study of the liver injury induced by drugs and chemicals.

Viets and vets fear herbicide health effects.

Carcinogenicity testing of herbicide 2,4,5-trichlorophenoxyethanol containing dioxin and of pure dioxin in Swiss mice.

Paraquat poisoning: an analytical toxicologic study of three cases.

Role of pesticides in hepatocarcinogenesis.

[Histo enzymatic reactions in the cells of the reticuloendothelial system of the liver and spleen and hepatocytes in acute Morfamquat dichloride poisoning].

[Clinical and experimental studies of chronic Herbazin-50 poisoning in sheep].

[General toxicity and specific action of the herbicide balagrin].

Research related to the herbicide buvinol, especially for possible carcinogenicity.

Decrease in mouse lung and liver glutathione peroxidase activity and potentiation of the lethal effects of ozone and paraquat by the superoxide dismutase inhibitor diethyldithiocarbamate.

Some effects of atrazine on Ehrlich ascites tumor cells in vitro and in vivo.

Effect of paraquat on plasma enzymes, insulin, glucose, and liver glycogen in the rat.

Induction of the hepatic microsomal and nuclear cytochrome P-450 system by hexachlorobenzene, pentachlorophenol and trichlorophenol.

Mercapturic acid occurrence in fish bile. A terminal product of metabolism of the herbicide molinate.

Blood pressure response to ethanol in relation to acetaldehyde levels and dopamine-beta-hydroxylase activity in rats pretreated with disulfiram, cyanamide and coprine.

Effect of Triton WR-1339 on the rates of synthesis and degradation of hepatic catalase of rat.

The effect of paraquat on the covalent binding of radio-labelled DOPA to liver and lung microsomal protein [proceedings].

S-Chloroallyl thiocarbamate herbicides: mouse hepatic microsomal oxygenase and rat metabolism of cis- and trans-[¹⁴C = O]diallate.

Effect of glyphosate on rat liver mitochondria in vivo.

Changes in fatty acid and cholesterol synthesis in rat liver slices due to aromatic amines formed during the degradation of some herbicides.

Activation of liver guanylate cyclase by paraquat: possible role of superoxide anion.

The uncoupling effect of N-(phosphonomethyl)glycine on isolated rat liver mitochondria.

Metabolism of atrazine by the soluble fraction (105000g) from chicken liver homogenates.

EC-GLC determination of the herbicidal monohalogenated phenoxyalkyl acid mecoprop in tissues, urine and plasma after derivatization with pentafluorobenzylbromide.

Neurochemical effects of peroral administration of technical pentachlorophenol.

Increases in rat liver cyclic AMP and glycogen phosphorylase activity caused by the herbicide atrazine.

Renal transport and renal metabolism of 2, 4, 5-trichlorophenoxyacetate by the chicken.

Correlation between metabolic reduction rates and electron affinity of nitroheterocycles.

Pyrolysis products from amino acids and protein: highest mutagenicity requires cytochrome P1-450.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on indocyanine green blood clearance in rhesus monkeys.

Vitamin A (retinol) status in the rat after a single oral dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Induction of hepatic microsomal cytochrome P-448 by 3,3',4,4'-tetrachloroazobenzene and the corresponding azoxy and hydrazo analogs.

In-vitro assessment of the removal of phenols by ACAC hemoperfusion.

Induction of enzyme activity in cell culture: a rapid screen for detection of planar polychlorinated organic compounds.

Mode of uptake and degradation of 125I-labelled insulin by isolated hepatocytes and H4 hepatoma cells.

Human health effects from accidental release of tetrachlorodibenzo-p-dioxin (TCDD) at Seveso, Italy.

Developmental toxicology of the halogenated aromatics: effects on enzyme development.

Toxicological studies of ammonium sulfamate in rat after repeated oral administration.

Isolation and immunochemical characterization of antibodies from the sera of cancer patients which are reactive against human melanoma cell membranes by affinity chromatography.

Large agarose beads for extracorporeal detoxification systems. Preparation and enzymatic properties of agarose-bound UDP-glucuronyltransferase.

Iron deficiency prevents liver toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Absence of microsomal lipid peroxidation in acatalasemic mice.

Comparison of rat liver and Walker 256 carcinosarcoma tRNAs.

Purification of cobalt-activated acylase by affinity chromatography.

[The difference of drug sensitivity of tumor cells on N-ethyloxycarbonylaminomethyl-L-isoleucine (A-145 (author's transl))].

[Effect of cycloheximide, 2,4-dinitrophenol and papaverine on ribosomal RNA synthesis in Ehrlich ascitic carcinoma cells].

Estimation of the TCDD toxic potential in the light of the Seveso accident.

Ontogeny of the rat hepatic receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin and its endocrine independence.

Effect of sodium azide on the ultrastructural preservation of tissues.

Nuclear uptake of 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57BL/6J and DBA/2J mice. Role of the hepatic cytosol receptor protein.

Immunological studies of the sperm-specific phosphoglycerate kinase-2 of mice.

Inhibitory effect of certain drugs on thyroid hormone binding by human liver cytosol.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin, kepone, and polybrominated biphenyls on transport systems in isolated rat hepatocytes.

Effects of pretreatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin on the capacity of hepatic and extrahepatic mouse tissues to convert procarcinogens to mutagens for Salmonella typhimurium auxotrophs.

An estimate of the maximum in vivo covalent binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin to rat liver protein, ribosomal RNA, and DNA.

Isolation of an acidic peptide from pyruvate kinase type M2 of chicken liver containing the phosphate acceptor site for a cyclic-AMP-independent protein.

Multiplicity of induction patterns of rat liver microsomal mono-oxygenases and other polypeptides produced by administration of various xenobiotics.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the hepatic metabolism of testosterone in the rat.

Depression of adenosine triphosphatase activities in isolated liver surface membranes of 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats: correlation with effects on ouabain biliary excretion and bile flow.

Reversal of sodium-azide mutagenicity by liver preparations and by gastric juice.

L-Thyroxine effects upon ATPase activities of several subcellular fractions of liver of the rat and the guinea pig.

In vitro metabolism of 1,2-dihaloethanes to ethylene.

Activation of rat liver guanylate cyclase by proteolysis.

Partial amino acid sequence of the glutamate dehydrogenase of human liver and a revision of the sequence of the bovine enzyme.

Metabolic activation/deactivation reactions during perinatal development.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) effects on hepatic microsomal cytochrome P-448-mediated enzyme activities.

Metabolic activation and deactivation of mutagens and carcinogens.

Conversion of 2,4,6-trinitrophenol to a mutagen by *Pseudomonas aeruginosa*.

Bioassay of dibenzo-p-dioxin for possible carcinogenicity.

Bioassay of 2,7-dichlorodibenzo-p-dioxin (DCDD) for possible carcinogenicity.

Bioassay of Nitrofen for Possible Carcinogenicity (CAS No. 1836-75-5).

2,3,7,8-Tetrachlorodibenzo-p-dioxin: covalent binding of reactive metabolic intermediates principally to protein in vitro.

Changes in steroid hormone metabolism in rat liver microsomes following administration of 2,3,7,8-tetrachlorodibenzo-p-dioxine (TCDD).

Allyl alcohol-induced changes in the rat exocrine pancreas.

Paraquat poisoning: a review.

Collagen prolyl hydroxylase levels in experimental paraquat poisoning.

The hepatotoxicity of 3-amino-1,2,4-triazole and carbon disulphide in phenobarbitone-treated starved rats.

[Pathomorphological studies in experimental simazine poisoning of sheep].

Carcinogenic bioassay of the herbicide, 2,4,5-trichlorophenoxyethanol (TCPE) with different 2,3,7,8-tetrachlorodibenzo-p-dioxin (dioxin) content in Swiss mice.

[Hexachlorbenzene (HCB) induced porphyria in rats. Influence of HCB-metabolites on the biosynthesis of heme (author's transl)].

Enzymic digestion of liver tissue to release barbiturates, salicylic acid and other acidic compounds in cases of human poisoning.

Effect of carboxylesterase inhibitors on the acute hepatotoxicity of esters of allyl alcohol.

Comparative effects of aminotriazole on normal and acatalasemic mice.

Carcinogenic and antitumor effects of aminotriazole on acatalasemic and normal catalase mice.

The effect of paraquat on the respiration of lung cell fractions.

An example of the oxidative de-esterification of an isopropyl ester. Its role in the metabolism of the herbicide flampropisopropyl.

Paraquat-induced formation of hydroperoxide in mouse liver microsomes [proceedings].

Metabolism of pentachlorophenol in vivo and in vitro.

Mutagenicity of diallate, sulfallate, and triallate and relationship between structure and mutagenic effects of carbamates used widely in agriculture.

[Some peculiarities of ATPase in tumor mitochondria].

The membrane potential of mouse ascites-tumour cells studied with the fluorescent probe 3,3'-dipropylloxadicarbocyanine. Amplitude of the depolarization caused by amino acids.

Uptake and metabolism of thyroid hormones by cultured monkey hepatocarcinoma cells. Effects of potassium cyanide and dinitrophenol.

The influence of ethanol pretreatment on the effects of nine hepatotoxic agents.

Relation of cell type and cell density in tissue culture to the isoaccepting spectra of the nucleoside Q containing tRNAs: tRNA^{Tyr}, tRNA^{His}, tRNA^{Asn} and tRNA^{Asp}.

Treatment of arterial hypertension with tienilic acid, a new diuretic with uricosuric properties.

Lack of tumor-promoting ability of certain environmental chemicals in a two-stage mouse skin tumorigenesis assay.

Stimulation of bilirubin catabolism in jaundiced Gunn rats by an induced of microsomal mixed-function monooxygenases.

Rat liver aldehyde dehydrogenase--immunochemical identity of 2,3,7,8-tetrachlorodibenzo-p-dioxin inducible normal liver and 2-acetylaminofluorene inducible hepatoma isozymes.

Large agarose beads for extracorporeal detoxification systems.

Effect of high dietary copper on the ceca of chicks.

The reduction of diamide by rat liver mitochondria and the role of glutathione.

The inhibition of amylase synthesis in the isolated perfused rat liver by cycloheximide and dinitrophenol.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the renal tubular secretion of phenolsulfonphthalein.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on lipid profiles in tissue of the Fischer rat.

Effect of polychlorinated biphenyls on drug metabolism in Japanese quail and its progeny.

The covalent structure of bovine liver rhodanese. Isolation and partial structural analysis of cyanogen bromide fragments and the complete sequence of the enzyme.

[Incorporation of S-adenosylmethionine in the isolated and perfused rat liver. Preliminary study].

Evidence in rat and mouse liver for temporal control of two forms of cytochrome P-450 inducible by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Agarose-bound horse-liver alcohol dehydrogenase. Dependence of molecular properties and activity on coupling conditions.

Selective modification of the renal and the hepatic toxicities of chloroform by induction of drug-metabolizing enzyme systems in kidney and liver.

[Investigation of adenosinetriphosphatase activity of rat liver and thymus cell nuclei].

Effect of trichlorophenols on xenobiotic metabolism in the rat.

Cancerostatics. III. Synthesis and some chemical transformations of 3-cyano-5(pyridyl-4.)pyrid-2-one.

Covalent structure of collagen: amino acid sequence of five consecutive CNBr peptides from type III collagen of human liver.

Effect of alteration of rat hepatic mixed-function oxidase (MFO) activity on the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Acinar distribution of liver cell regeneration after selective zonal injury in the rat.

Testing of known carcinogens and noncarcinogens for their ability to induce unscheduled DNA synthesis in HeLa cells.

Properties of the calcium-extruding mechanism of liver cells.

The role of acetaldehyde in mediating the deleterious effect of ethanol on pyridoxal 5'-phosphate metabolism.

Responses of the D-glucuronic acid pathway in rat tissues to treatment with tetrachlorodibenzodioxin.

Distribution of clozapine in the rat: localization in lung.

Covalent coupling of rat liver phenylalanine hydroxylase.

An improved assay of 7-ethoxycoumarin O-deethylase activity: induction of hepatic enzyme activity in C57BL/6J and DBA/2J mice by phenobarbital, 3-methylcholanthrene and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

An energy requirement for the degradation of intravenously injected ¹²⁵I-labeled albumin in mouse liver and kidney slices.

Enhancement of nitro reduction in rat liver microsomes by haemin and haemoproteins.

Preservation of rat liver tissue by endodontic therapeutic agents.

Activation of the external pathway of NADH oxidation in liver mitochondria of cold-adapted rats.

Differences in metabolism of vinylidene chloride between mice and rats.

The extent of mitochondrial F₁-ATPase and adenine nucleotide carrier activity with epsilon-ATP.

Potentialiation of toluene toxicity by hepatic enzyme inhibition in mice.

Bile secretion and liver cell heterogeneity in the rat.

Iodothyronine metabolism in rat liver homogenates.

Bioassay of picloram for possible carcinogenicity.

Bioassay of nitrofen for possible carcinogenicity.

Bioassay of trifluralin for possible carcinogenicity.

A sequential extraction method for RNA from rabbit liver.

The influence of phenobarbital, 3-methylcholanthrene and 2,3,7,8-tetrachlorodibenzo-p-dioxin on glutathione S-transferase activity of rat liver cytosol.

Time course of the induction of aryl hydrocarbon hydroxylase in rat liver nuclei and microsomes by phenobarbital, 3-methylcholanthrene, 2,3,7,8-tetrachloro-dibenzo-p-dioxin, dieldrin and other inducers.

Active transport of thiamine by freshly isolated rat hepatocytes.

The effect of repeated administration on allyl alcohol-induced hepatotoxicity in the rat [proceedings].

Evaluation of a finger prick blood collection method for the seroepidemiology of hepatitis B.

Increase of hepatic and serum aldehyde dehydrogenase activity after TCDD treatment.

Studies of soluble rat liver mitochondrial acid ATPases. II. Structural and immunological properties of ATPase 1.

3,3'-diaminobenzidine oxidation in hepatic and renal histological sections.

The in vitro metabolism of lindane by an enzyme preparation from chicken liver.

[Hemoperfusion with coated activated charcoal for treating acute poisoning by remedies, plant protectants, and fungi. III. Fungi (author's transl)].

[Occupational liver lesions].

[Poison information centers give advice twenty-four hours a day on acute poisoning].

Human urinary excretion of the herbicide 2-methyl-4-chlorophenoxyacetic acid.

Liver damage following paraquat in selenium-deficient and diethyl maleate-pretreated mice.

Effect of pretreatment with antiinflammatory agents on paraquat toxicity in the rat.

Chloracne from manufacture of a new herbicide.

[Chronic liver disease caused by long term household poisoning with pentachlorophenol].

Toxicological studies on hydrocarbons--lomex.

[Experimental substantiation of the maximum permissible concentration of Reglone in the air of a work environment].

[Acute poisonings with Gramoxone (paraquat)].

Effects of pentachlorophenol on hepatic drug-metabolizing enzymes and porphyria related to contamination with chlorinated dibenzo-p-dioxins and dibenzofurans.

Effect of 3-amino-1,2,4-triazole on carbon tetrachloride-induced necrosis.

Cyclic AMP-dependent control of the rat hepatic glutathione disulfide-sulfhydryl ratio.

Effect of 3-amino-1,2,4-triazole treatment on catalase activity and triglyceride level in fatty liver of the rat.

Induction of hepatic microsomal enzymes by diuron, phenobenzuron, and metabolites in rats.

Effect of 3-amino-1,2,4-triazole on the formation of triglyceride in liver slice.

Phenol sulphotransferase and uridine diphosphate glucuronyltransferase from rat liver in vivo and vitro. 2,6-Dichloro-4-nitrophenol as selective inhibitor of sulphation.

Effect of 3-amino-1,2,4-triazole on in vivo formation of liver triglyceride.

Hepatic catalase is not essential for the hypolipidemic action of peroxisome proliferators.

Effects of pyrazole and 3-amino-1,2,4-triazole on the metabolism and toxicity of dimethylnitrosamine in the rat.

Mutagenicity and chromosomal aberrations as an analytical tool for in vitro detection of mammalian enzyme-mediated formation of reactive metabolites.

1,1-Dichloroethylene hepatotoxicity: proposed mechanism of action and distribution and binding of ¹⁴C radioactivity following inhalation exposure in rats.

Dioxin: a new biological probe?

Induction of tumors in mice with the herbicide succinic acid 2,2-dimethylhydrazide.

Morphological changes in monkeys consuming a diet containing low levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Protective capacity of antibodies against *Escherichia coli* and K antigens.

[Cytogenetic study of the mutagenic properties of the repellents dimethyl phthalate and phenoxyacetic acid N,N-diethylamide].

[Preliminary data on the action of sulfonamido-phenoxyacetic acid on the synthesis of nucleic acids and proteins in the brain and liver of normal and cancerous rats].

Chromatographic behavior of several mammalian tRNAs on acylated dihydroxyl-borate cellulose and Aminex A-28.

A reassessment of decreased amino acid accumulation by Ehrlich ascites tumor cells in the presence of metabolic inhibitors.

[Copper and nervous system. An experimental study (author's transl)].

Factors involved in heavy metal poisoning.

Covalent structure of collagen: amino acid sequence of cyanogen bromide peptides from the amino-terminal segment of type III collagen of human liver.

Gap junctions. Structural changes after uncoupling procedures.

Epidemiology and pathology of a tetrachlorodibenzodioxin poisoning episode.

[RNA biosynthesis in the ascitic cells of Ehrlich's carcinoma and Zajdela's hepatoma under conditions of blocked oxidative phosphorylation].

A review of the genetic toxicology of chlorinated dibenzo-p-dioxins.

Covalent structure of the membranous segment of horse cytochrome b5. Chemical cleavage of the native hemoprotein.

Digestion of rabbit liver fructose 1,6-bisphosphatase with subtilisin: sites of cleavage and activity of the modified enzyme.

Mouse liver metallothioneins. Complete amino acid sequence of metallothionein-I.

[Hormonal regulation of the electrical properties of the cell membrane].

Mutagenic activity of major mammalian metabolites of cyclophosphamide toward several genes of *Escherichia coli*.

Induction of different rat liver supernatant aldehyde dehydrogenases by phenobarbital and tetrachlorodibenzo-p-dioxin.

Inhibition of mitochondrial ATPase by 2,4,3',5'-tetrahydroxystilbene.

Transplacental induction of mixed-function oxygenases in extra-hepatic tissues by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of sodium nitroprusside, nitroglycerin, and sodium azide on levels of cyclic nucleotides and mechanical activity of various tissues.

Nitric oxide activates guanylate cyclase and increases guanosine 3':5'-cyclic monophosphate levels in various tissue preparations.

Effect of anoxia and ATP depletion on the membrane potential and permeability of dog liver.

Disturbance of microsomal detoxication mechanisms in liver by chlorophenol pesticides.

2,3,7,8-tetrachlorodibenzo-p-dioxin: in vitro binding to rat liver microsomes.

Respiratory activities of hepatocytes isolated from rats of various ages. A brief note.

[Characteristics of hepatocytes containing alpha-fetoprotein in regenerating mouse liver].

Purification of the major cytochrome P-450 of liver microsomes from rabbits treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Oxidative transformation of hexachlorocyclohexane in rats and with rat liver microsomes.

Effect of dichlorvos (DDVP) on mouse liver glutathione levels and lack of potentiation by methyl iodide and TOTP.

Uncoupled-induced changes in mitochondrial structure detected by small-angle x-ray scattering.

Resolution of two forms of cytochrome P-450 from liver microsomes of rabbit treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Mechanism of C-5 double bond introduction in the biosynthesis of cholesterol by rat liver microsomes.

Role of liver cytosolic aldehyde dehydrogenase isozymes in control of blood acetaldehyde concentrations.

Rat liver preproalbumin: in vitro synthesis and partial amino acid sequence.

Inhibition by CO of hepatic benzo[a]pyrene hydroxylation and its reversal by monochromatic light.

Bicarbonate stimulation of mitochondrial ATPase. Effect of physical training.

The effect of organophosphorus compounds on respiration by rat liver mitochondria.

[Effects of methylcyclopentadienyl manganese tricarbonyl (MMT) of rat liver mitochondria. I. Effects, in vitro, on the oxidative phosphorylation (author's transl)].

Stimulation of guanylate cyclase by sodium nitroprusside, nitroglycerin and nitric oxide in various tissue preparations and comparison to the effects of sodium azide and hydroxylamine.

Activation of guanylate cyclase in cerebral cortex of rat by hydroxylamine.

Rabbit liver fructose 1,6-bisphosphatase: the sequence of the amino-terminal region.

Bioassay of chloramben for possible carcinogenicity.

Tumorigenic agents in unburned processed tobacco: N-nitrosodiethanolamine and 1,1-dimethylhydrazine.

Identification of glucuronide metabolites of benzomorphan narcotic analgesic drugs in bile from the isolated perfused rat liver by gas chromatography and mass spectrometry.

Paraquat toxicity: proposed mechanism of action involving lipid peroxidation.

Paraquat revisited.

Bioassay of 2, 4, 5-trichlorophenoxyacetic acid for carcinogenicity in mice.

Paraquat poisoning in a dog and cat.

Therapeutic effects of cysteine adducts of alpha, beta-unsaturated aldehydes on Ehrlich ascites tumor of mice.

3,4,3',4'-Tetrachloro azoxybenzene and azobenzene: potent inducers of aryl hydrocarbon hydroxylase.

Cellular metabolic control by chemical modification of cell membrane.

Developmental aspects of hepatic heme biosynthetic capability and hematotoxicity.

Effect of paraquat (methyl viologen) on liver function in mice.

Purification and properties of a carboxylesterase from the liver of tiger shark (*Galeocerdo cuvier*).

Liver enlargement induced by the herbicide 2,4,5-trichlorophenoxyacetic acid (2,4,5-T).

Binding of organic compounds to rat liver and lung.

2,3,7,8-Tetrachlorodibenzo-p-dioxin: environmental contaminant and molecular probe.

[On the chloranilic acid reaction (RAC) proposed by Closs (author's transl)].

Biochemical studies on human ceruloplasmin.

Cell-free synthesis of a large translation product of prolactin messenger RNA.

[Effect of hypoxia on mitochondrial stability].

Reactions of bis(thiosemicarbazonato) copper(II) complexes with tumor cells and mitochondria.

Properties of Fcγ₃ receptors in normal and malignant human tissues.

Appearance of magnesium guanylate cyclase activity in rat liver with sodium azide activation.

Inhibition of aldehyde dehydrogenase in brain and liver by cyanamide.

Excretion of sulfobromophthalein in rats with iodomethane-induced depletion of hepatic glutathione.

Perinatal development of conjugative enzyme systems.

Biochemical changes after hepatic injury by allyl alcohol and N-hydroxy-2-acetylaminofluorene.

Hepatic and extrahepatic metabolism of ¹⁴C-styrene oxide.

15-Azasteroid blockage of cell permeability and mitochondrial respiration.

Use of preformed cell aggregates and layers to measure tissue-specific differences in intercellular adhesion.

Inhibition of the acetaldehyde dehydrogenases in rat liver by a cyanamide derivative present in a commercial standard diet for small animals.

Optimal conditions for elution of hepatitis B antigen after absorption onto colloidal silica.

Stereospecific, high affinity binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin by hepatic cytosol. Evidence that the binding species is receptor for induction of aryl hydrocarbon hydroxylase.

Characteristics of acetaldehyde oxidation in rat liver mitochondria.

Action of rubratoxin B on mouse liver mitochondria.

Effect of centrophenoxine on cyclophosphamide concentration in blood.

[Continuous inhalation of small amounts of formaldehyde: experimental study in the rat].

Redistribution of the Fc receptor on human blood monocytes and peritoneal macrophages induced by immunoglobulin G-sensitized erythrocytes.

The problem of oncogenic specificity of cyclophosphamide (NSC-26271): Studies on reactions that control the alkylating and cytotoxic activity.

Uptake of cortisol by isolated rat liver cells. A phenomenon indicative of carrier-mediation and simple diffusion.

Acceleration of hepatocarcinogenesis of 2,7-bis(acetamido)fluorene by carbon tetrachloride and time relation of treatment.

Influence of anti-inflammatory agents on rat liver mitochondrial ATPase.

Increased alpha1-fetoprotein production in rat liver injuries induced by various hepatotoxins.

Induction of multiple forms of mouse liver cytochrome P-450. Evidence for genetically controlled de novo protein synthesis in response to treatment with beta-naphthoflavone or phenobarbital.

Inhibitory effects of scillaren and dinitrophenol on bilirubin excretion by the isolated perfused rat liver.

Cytochemical localization of endogenous peroxidase activity in renal medullary collecting tubules and papillary mucosa of the rat.

[Dinitroorthocresol dissociation of oxidative phosphorylation in the rat liver perfused in situ].

The influence of adenine nucleotides and oxidizable substrates on triethyltin-mediated chloride uptake by rat liver mitochondria in potassium chloride media.

[Effect of some preservatives on pregnancy and fetal development in experimental animals].

The significance of ¹²⁵I as a tracer for lymphocytes, liver cells and erythrocytes after iodination by the lactoperoxidase-H₂O₂ technique.

[Action of lithium salts on hepatocytes in histiotypic culture].

The effects of antipyretics on metabolism processes in rat liver mitochondria. Part I. The action of sodium salicylate, and pyrazolones on the reaction of respiratory chain.

[Morphological and toxicological studies of experimental diquat poisoning].

[Effects in the rat of a weak dose of acrolein inhaled continuously].

[Clinical and laboratory findings in the acute damage by precursors of the weed-killer "burex" (author's transl)].

[Acute toxic liver lesion through industrial noxious substances and drugs in higher than therapeutic doses].

Aplastic anaemia after exposure to a weed killer, 2-methyl-4-chlorophenoxyacetic acid.

Short-term oral and dermal toxicity of MCPA and MCPP.

Effect of injection of nuclear fraction from Rhodamine sarcoma on turnover of liver catalase.

Effect of chronic alcohol consumption on ethanol and acetaldehyde metabolism.

Effect of citrate and aminotriazole on matrical plates induced in hepatic microbodies.

[Relationship between Chemical Constitution and Therapeutic Activity of alpha, beta-unsaturated Aldehydes in the Ehrlich-Solid-Tumor of the Mouse].

Electron paramagnetic resonance spectra of catalase in mammalian tissues.

Fixation of foetal pig liver for electron microscopy. I. The effect of various aldehydes and of delayed fixation.

[Action of a herbicide (paraquat) on hepatocytes in histiotypic culture].

Configurational changes in isolated rat liver mitochondria as revealed by negative staining. III. Modifications caused by uncoupling agents.

The minimum effective amount of uncouplers for rat liver mitochondria.

Mechanism of in vivo carbon tetrachloride-induced liver microsomal cytochrome P-450 destruction.

The effect of foschlor and MCPA upon the embryo development of *Fasciola hepatica* (Trematoda) and *Triaenophorus nodulosus* (Cestoda).

Oxygen and phosphate metabolism of bluegill liver mitochondria in the presence of some pesticides.

The role of hydrogen peroxide production and catalase in hepatic ethanol metabolism.

Isolation and characterization of CNBr peptides of human (alpha 1 (III))₃ collagen and tissue distribution of (alpha 1 (I))₂ alpha 2 and (alpha 1 (III))₃ collagens.

Energy-dependent calcium uptake activity of microsomes from the aorta of normal and hypertensive rats.

Pathological changes in the liver of mice given 2,3,7,8-tetrachlorodibenzo-p-dioxin.

A rapid method for the purification and radioimmunoassay of human alpha-fetoprotein.

Characterization of alpha1-antitrypsin in the inclusion bodies from the liver in alpha 1-antitrypsin deficiency.

Isothiocyanates. A new class of uncouplers.

Mitochondrial changes, ion and water shifts in the cellular injury of ehrlich ascites tumor cells.

Experimental optimization of the DASS system for immunodiagnosis of some helminth infections.

Angiosarcoma of the liver associated with Fowler's solution (potassium arsenite).

A histochemical study of the liver lesion induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (dioxin) in rats.

Hepatic mitochondrial function in ketogenic states. Diabetes, starvation, and after growth hormone administration.

Identification of a viral protein involved in post-translational maturation of the encephalomyocarditis virus capsid precursor.

Ethanol metabolism and liver oxidative capacity in cold acclimation.

Studies on choline permeation through the plasma membrane and its incorporation into phosphatidyl choline of Ehrlich-LettrÄ©-ascites tumor cells in vitro.

Studies of the regulation of purine nucleotide catabolism.

Toxic effects of 2,3,7,8 tetrachlorodibenzo 1,4 dioxin in laboratory workers.

Dehydrogenase activity of liver parenchyma in mice exposed to arsenic in drinking water.

Rate-limiting steps in ethanol metabolism and approaches to changing these rates biochemically.

Liver biopsy in methotrexate-treated psoriatics-a re-evaluation.

Isolation of hepatitis B surface antigen (HBsAg) by affinity chromatography on antibody-coated immunoadsorbents.

Partial amino-acid sequence of NAD-specific glutamate dehydrogenase of *Neurospora crassa*.

Respiratory properties of rat liver mitochondria immobilized on an alkylsilylated glass surface.

Microperoxisomes in retinal pigment epithelium.

[Control of glutamate dehydrogenase activity in isolated rat liver mitochondria by purine nucleotides, cyclic AMP, alpha-ketoglutarate and phosphate].

Activation of guanylate cyclase from rat liver and other tissues by sodium azide.

Increases in cyclic GMP levels in brain and liver with sodium azide an activator of guanylate cyclase.

Role of anion translocation across the mitochondrial membrane in the regulation of urea synthesis from ammonia by isolated rat hepatocytes.

Human pituitary growth hormone: a biologically active hendekakaihekaton peptide fragment corresponding to amino-acid residues 15-125 in the hormone molecule.

Significant pathways of hepatic ethanol metabolism.

The disturbance of oxidative phosphorylation by N-acetoxy-N-acetyl-2-aminofluorene, a model ultimate carcinogen.

Chloride-dependent restoration of coupling by oligomycin in rat liver mitochondria.

Hepatic microsomal alcohol-oxidizing system. Affinity for methanol, ethanol, propanol, and butanol.

Non-dependence on native structure of pig liver pyruvate kinase when used as a substrate for cyclic 3',5'-AMP-stimulated protein kinase.

Hydroperoxide-metabolizing systems in rat liver.

Mutagenesis of certain activated carcinogens in vitro associated with genetically mediated increases in monooxygenase activity and cytochrome P 1-450.

Immunochemical demonstration of increased accumulation of ornithine carboxylase in rat liver after partial hepatectomy and growth hormone induction.

Essential sulfhydryl groups of rat liver monoamine oxidase.

Food poisoning--four unusual episodes.

Stepwise reduction of cytochromes b-562, b-566 and b-558 in rat liver mitochondria.

Postnatal stimulation of hepatic microsomal enzymes following administration of TCDD to pregnant rats.

Nicotinamide adenine dinucleotide phosphate-specific glutamate dehydrogenase of *Neurospora*.

Structural and functional studies of ligandin, a major renal organic anion-binding protein.

Effects of 5,5'-diphenyl-2-thiohydantoin on respiration and oxidative phosphorylation of rat liver mitochondria.

Regulation of pyruvate dehydrogenase in isolated rat liver mitochondria. Effects of octanoate, oxidation-reduction state, and adenosine triphosphate to adenosine diphosphate ratio.

Membrane potentials in mitochondrial preparations as measured by means of a cyanine dye.

Human, rat and mouse liver-mediated mutagenicity of vinyl chloride in *S. typhimurium* strains.

Effects of chronic ethanol treatment and thyroxine administration on ethanol metabolism and liver oxidative capacity.

Induction and suppression of hepatic and extrahepatic microsomal foreign-compound-metabolizing enzyme systems by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Hormonal influences in the development of the hypermetabolic state of the liver produced by chronic administration of ethanol.

Nature of the enhancement of hepatic uridine diphosphate glucuronyltransferase activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats.

Redox properties of beta-type cytochromes in *Escherichia coli* and rat liver mitochondria and techniques for their analysis.

On the size and chemical nature of the polypeptide chain of bovine liver rhodanese.

Proceedings: The hepatotoxic effect of ethanol after pretreatment with carbon tetrachloride, allyl alcohol, or D-galactosamine.

Immunochemical and compositional comparison of cytochrome P-450 from *Pseudomonas putida* and P-450 from phenobarbital-induced rabbit liver microsomes.

In vitro binding of L-triiodothyronine to receptors in rat liver nuclei. Kinetics of binding, extraction properties, and lack of requirement for cytosol proteins.

[Paraquat intoxication and isolated aplastic anaemia (author's transl)].

[Alveolitis and pulmonary fibrosis--an attempt at a synopsis].

[Toxicity and nutritional effects, in the rat, of 2 herbicides: picloram (4-amino-3,5,6-trichloropicolinic acid) and atrazine (2-chloro-4-ethylamino-6-isopropylamino-S-triazine)].

Letter: Induction of giant mitochondria in mouse hepatocytes by diethyldithiocarbamate (DDC).

Biochemical effects of diquat and paraquat. Disturbance of the control of corticosteroid synthesis in rat adrenal and subsequent effects on the control of liver glycogen utilization.

Effects of phenoxyacetic acids on rat liver tissues.

[The reaction of nitrite with pesticides. Formation, chemical properties and carcinogenic activity of the N-nitroso compound of the herbicide N-methyl-N'-(2-benzothiazolyl)-urea (benzthiazuron) (author's transl)].

In vitro binding of 3H-acrolein to regeneration rat liver DNA polymerase.

Alterations in cholesterol and fatty acid biosynthesis in rat liver homogenates by aryloxy acids.

[Incorporation of 3H acrolein in rat liver and in *Dunaliella bioculata*].

[Effect of linuron and chlortoluron in short-term chronic experiment on young rats on the hexobarbital metabolism and activity of some liver enzymes].

An immunoadsorbent process for removing hepatitis antigen from blood and plasma.

Specific movement of cell membranes fused with HVJ (Sendai virus).

Removing substances from blood by affinity chromatography. I. Removing bilirubin and other albumin-bound substances from plasma and blood with albumin-conjugated agarose beads.

A morphological study of the liver lesion induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on stimulated DNA synthesis in the liver and kidney of the rat.

Rapid purification of lactate dehydrogenase from rat liver and hepatoma: a new approach.

Liver biopsy in psoriatics previously treated with potassium arsenite. A controlled study.

[Carrier-bound cytochrome b5 as substrate for the ascorbate: ferricytochrome-b5-oxidoreductase from mammalian liver microsomes (author's transl)].

Proceedings: Effect of 2,4-dinitrophenol on DNA synthesis in bovine liver cells in vitro.

Structural resemblance of cytochrome P-450 isolated from *Pseudomonas putida* and from rabbit liver microsomes.

Antagonistic effects of dinitrophenol and cyanide on hepatic thyroxine deiodination.

Dynamics of functional and ultrastructural changes in the liver cells during the development of allyl alcohol necrosis.

Mode of inhibition of mitochondrial energy transduction by chlorophenoxyisobutyrate.

Synthesis of catalase in liver slices from aminotriazole-pretreated rats.

Purification of a specific antibody to rat liver malic enzyme by affinity chromatography and application of the antibody as a quantitative reagent.

Spegazzinine, a new inhibitor of mitochondrial oxidative phosphorylation.

Kinetics of in vitro nitro reduction of 2,4-dinitrophenol by rat liver homogenates.

Glycoprotein biosynthesis by the guinea pig liver in chronic 4,6-dinitro-o-cresol poisoning.

Table 2A-13 – Titles of Pubmed Records Related to Lymph Adverse Events Following Herbicide Exposure

ADENOID; *ADENOPATHY*; *ANTILYMPHOCYTE*; *HAEMOLYMPH*; *HEMATOLYMPHOPOIETIC*; *HEMOLYMPH*; *LYMPH*; *LYMPHADENOPATHY*; *LYMPHATIC*; *LYMPHOBLAST*; *LYMPHOBLASTIC*; *LYMPHOBLASTOID*; *LYMPHOBLASTS*; *LYMPHOCYTIC*; *LYMPHODEPLETION*; *LYMPHOHEMATOPOIETIC*; *LYMPHOID*; *LYMPHOKINE*; *LYMPHOKINES*; *LYMPHOMAS*; *LYMPHOPOIESIS*; *LYMPHOPOIETIC*; *LYMPHOPOIETIN*; *LYMPHOPROLIFERATION*; *LYMPHOPROLIFERATIVE*; *LYMPHOTOXIN*; *MONONUCLEOSIS*; *SPLEEN*; *THYMUS*; *TONSIL*; LYMPH (1672)
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Survival in Agent Orange exposed and unexposed Vietnam-era veterans who were diagnosed with lymphoid malignancies.

Synthetic polyploidization induces enhanced phytochemical profile and biological activities in *Thymus vulgaris* L. essential oil.

Association between cumulative airborne dioxin exposure and non-Hodgkin's lymphoma risk in a nested case-control study within the French E3N cohort.

Aldo-keto reductase 1B10 as a Carcinogenic but Not a Prognostic Factor in Colorectal Cancer.

Unraveling the combined deleterious effects of ochratoxin A and atrazine upon broiler's health: Toxicopathological, serum biochemical and immunological perspectives.

Sub-acute toxicity of the herbicide glufosinate-ammonium exposure in adult red swamp crayfish (*Procambarus clarkii*).

Maternal impacts of pre-conceptual glyphosate exposure.

Exposure to pesticides and risk of Hodgkin lymphoma in an international consortium of agricultural cohorts (AGRICOH).

Atrazine promotes breast cancer development by suppressing immune function and upregulating MMP expression.

Parasite and Pesticide Impacts on the Bumblebee (*Bombus terrestris*) Haemolymph Proteome.

Effect of zinc supplementation on immunotoxicity induced by subchronic oral exposure to glyphosate-based herbicide (GOBARA®) in Wistar rats.

Intracellular Growth Inhibition and Host Immune Modulation of 3-Amino-1,2,4-triazole in Murine Brucellosis.

Glyphosate in house dust and risk of childhood acute lymphoblastic leukemia in California.

Fitness assessment of *Mytilus galloprovincialis* Lamarck, 1819 after exposure to herbicide metabolite propachlor ESA.

Calf thymus ds-DNA intercalation with pendimethalin herbicide at the surface of ZIF-8/Co/rGO/C(3)N(4)/ds-DNA/SPCE; A bio-sensing approach for pendimethalin quantification confirmed by molecular docking study.

The melting curves of calf thymus-DNA are buffer specific.

Shenqi formula delayed Alzheimer's disease-like symptoms by skn-1 pathway in *Caenorhabditis elegans*.

NOX1 is essential for TNF α -induced intestinal epithelial ROS secretion and inhibits M cell signatures.

Exposure to nonanoic acid alters small intestinal neuroendocrine tumor phenotype.

Pan msr gene deleted strain of *Salmonella Typhimurium* suffers oxidative stress, depicts macromolecular damage and attenuated virulence.

Effect of replacing inorganic iron with iron-rich microbial preparations on growth performance, serum parameters and iron metabolism of weaned piglets.

Transcriptome-wide profiling of acute stress induced changes in ribosome occupancy level using external standards.

Assessment of glyphosate and its metabolites' residue concentrations in cultured African Catfish offered for sale in selected markets in Ibadan, Oyo State, Nigeria.

Acute paraquat poisoning complicated by acute kidney injury and lung fibrosis: a case report from Nepal.

Co-administration of L-Ascorbic Acid and α -Tocopherol Alleviates Arsenic-Induced Immunotoxicities in the Thymus and Spleen by Dwindling Oxidative Stress-Induced Inflammation.

Prevention of DSS-induced colitis in mice with water kefir microbiota via anti-inflammatory and microbiota-balancing activity.

Effects of metamifop on ammonia production and metabolism of *Monopterus albus*.

Aggregation, Cytotoxicity and DNA Binding in a Series of Calix[4]arene Amphiphile Containing Aminotriazole Groups.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces multigenerational alterations in the expression of microRNA in the thymus through epigenetic modifications.

Effects of haloxyfop-p-methyl on the developmental toxicity, neurotoxicity, and immunotoxicity in zebrafish.

Pathogenic and Commensal Gut Bacteria Harboring Glycerol/Diol Dehydratase Metabolize Glycerol and Produce DNA-Reactive Acrolein.

Lycopene Ameliorate Atrazine-Induced Oxidative Damage in the B Cell Zone via Targeting the miR-27a-3p/Foxo1 Axis.

IL-6/STAT3/Foxo1 axis as a target of lycopene ameliorates the atrazine-induced thymic mitophagy and pyroptosis cross-talk.

Phenotypic analyses, protein localization, and bacteriostatic activity of *Drosophila melanogaster* transferrin-1.

Herbicide Roundup shows toxic effects in nontarget organism *Drosophila*.

Mass Spectrometry-Based Peptide Profiling of Haemolymph from *Pterostichus melas* Exposed to Pendimethalin Herbicide.

Protective effect of *Thymus munbyanus* aqueous extract against 2,4-dichlorophenoxyacetic acid-induced nephrotoxicity in Wistar rats.

Lycopene ameliorates atrazine-induced pyroptosis in spleen by suppressing the Ox-mtDNA/Nlrp3 inflammasome pathway.

Toxicity of commercial atrazine in *Rattus norvegicus* organs as a function of concentration: histopathological, ultrastructural and hematological evaluation.

Evaluation of the efficiency of simvastatin loaded PLGA nanoparticles against acute paraquat-intoxicated rats.

The potential risks of herbicide butachlor to immunotoxicity via induction of autophagy and apoptosis in the spleen.

Protective effect of cinnamaldehyde on channel catfish infected by drug-resistant *Aeromonas hydrophila*.

Homicidal paraquat poisoning: Poisoned while drinking.

The phytonutrient cinnamaldehyde limits intestinal inflammation and enteric parasite infection.

Peripheral tissular analysis of rapamycin's effect as a neuroprotective agent in vivo.

The effects of aerobic exercise training with octopamine supplementation on cardiomyocyte apoptosis induced by deep-frying oil: The role of caspase and procaspase 3.

Impact of mixtures of persistent organic pollutants on breast cancer aggressiveness.

Potential for TCDD to induce regulatory functions in B cells as part of the mechanism for T cell suppression in EAE.

Radiosynthesis and characterization of a carbon-11 PET tracer for receptor-interacting protein kinase 1.

Molecular characterization of the aryl hydrocarbon receptor 2 gene in black rockfish, *Sebastes schlegelii*, and its expression patterns upon exposure to benzo[a]pyrene, 2,3,7,8-tetrachlorodibenzo-p-dioxin, and β -naphthoflavone.

Acute Dyspnea and Hemoptysis in an 84-Year-Old Man With Multiple Comorbidities.

PCB126 induced toxic actions on liver energy metabolism is mediated by AhR in rats.

Suspected gut barrier disruptors and development of food allergy: Adjuvant effects and early immune responses.

A pilot evaluation on the toxicokinetics and bioaccumulation of polychlorinated naphthalenes in laying hens.

Effects of benzotriazole UV stabilizers, UV-PS and UV-P, on the differentiation of splenic regulatory T cells via aryl hydrocarbon receptor.

Glyphosate induces immune dysregulation in honey bees.

Hybridized 4-Trifluoromethyl-(1,2,3-triazol-1-yl)quinoline System: Synthesis, Photophysics, Selective DNA/HSA Bio-interactions and Molecular Docking.

TCDD Inhibition of IgG1 Production in Experimental Autoimmune Encephalomyelitis (EAE) and In Vitro.

5-Aminosalicylic Acid, A Weak Agonist for Aryl Hydrocarbon Receptor That Induces Splenic Regulatory T Cells.

Prolonged exposure to the herbicide atrazine suppresses immune cell functions by inducing spleen cell apoptosis in rats.

Toxic effects of atrazine on immune function in BALB/c mice.

Exposure to glyphosate and risk of non-Hodgkin lymphoma: an updated meta-analysis.

Atrazine-induced cell-mediated immunotoxicity in rabbits and the ameliorating role of glycyrrhizic acid.

Chronic ciprofloxacin and atrazine co-exposure aggravates locomotor and exploratory deficits in non-target detritivore speckled cockroach (*Nauphoeta cinerea*).

Effects of a mixture of glyphosate, 17 β -ethynylestradiol and amyl salicylate on cellular and biochemical parameters of the mussel *Mytilus galloprovincialis*.

Acetylcholinesterase (AChE) monoclonal antibody generation and validation for use as a biomarker of glyphosate-based herbicide exposure in commercial freshwater fish.

Evaluation of the potential teratogenic and toxic effect of the herbicide 2,4-D (DMA[®] 806) in bullfrog embryos and tadpoles (*Lithobates catesbeianus*).

The effect of chronic exposure to chloridazon and its degradation product chloridazon-desphenyl on signal crayfish *Pacifastacus leniusculus*.

Effects of chronic glyphosate exposure on antioxidative status, metabolism and immune response in tilapia (GIFT, *Oreochromis niloticus*).

Resveratrol: Isolation, and Its Nanostructured Lipid Carriers, Inhibits Cell Proliferation, Induces Cell Apoptosis in Certain Human Cell Lines Carcinoma and Exerts Protective Effect Against Paraquat-Induced Hepatotoxicity.

Essential oils and their components in combating fungal pathogens of animal and human skin.

Glyphosate inhibits melanization and increases susceptibility to infection in insects.

Protective Effects of Cinnamaldehyde on the Inflammatory Response, Oxidative Stress, and Apoptosis in Liver of *Salmonella typhimurium*-Challenged Mice.

Potential role of dietary chitosan nanoparticles against immunosuppression, inflammation, oxidative stress, and histopathological alterations induced by pendimethalin toxicity in Nile tilapia.

Exposure to pesticides and childhood leukemia risk: A systematic review and meta-analysis.

Staphylococcus aureus Peptide Methionine Sulfoxide Reductases Protect from Human Whole-Blood Killing.

The Ability of AhR Ligands to Attenuate Delayed Type Hypersensitivity Reaction Is Associated With Alterations in the Gut Microbiota.

[The Comparison of Iron Deficiency Anemia Rat Treated with Hydroxypropyl Chitosan Ferrous Ion Complex and Ferrous Sulfate].

[Aryl hydrocarbon receptor modulates airway inflammation in mice with cockroach allergen-induced asthma by regulating Th17/Treg differentiation].

The aryl hydrocarbon receptor suppresses immunity to oral squamous cell carcinoma through immune checkpoint regulation.

Role of aryl hydrocarbon receptor (AHR) in overall retinoid metabolism: Response comparisons to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure between wild-type and AHR knockout mice.

Influences of Selenium-Enriched Yeast on Growth Performance, Immune Function, and Antioxidant Capacity in Weaned Pigs Exposure to Oxidative Stress.

The antioxidant study proprieties of Thymus munbyanus aqueous extract and its beneficial effect on 2, 4-Dichlorophenoxyacetic acid -induced hepatic oxidative stress in albino Wistar rats.

AhR Ligands Differentially Regulate miRNA-132 Which Targets HMGB1 and to Control the Differentiation of Tregs and Th-17 Cells During Delayed-Type Hypersensitivity Response.

The relationship of indoxyl sulfate and p-cresyl sulfate with target cardiovascular proteins in hemodialysis patients.

Arsenite suppresses IL-2-dependent tumoricidal activities of natural killer cells.

TCDD attenuates EAE through induction of FasL on B cells and inhibition of IgG production.

Adverse effects of iron deficiency anemia on pregnancy outcome and offspring development and intervention of three iron supplements.

Biological Therapies for Atopic Dermatitis: A Systematic Review.

PCB cause global DNA hypomethylation of human peripheral blood monocytes in vitro.

Metagenomic and phytochemical analyses of kefir water and its subchronic toxicity study in BALB/c mice.

AGENT ORANGE-INDUCED Anaplastic Large-Cell Lymphoma (ALCL) with Cutaneous Involvement.

Dysregulation of murine immune functions on inhalational exposure to ammonia, dimethyl disulfide, 3-methylindole, or propionic acid.

Experimental acute arsenic toxicity in Balb/c mice: organic markers and splenic involvement.

2,3,7,8-Tetrachlorodibenzo-p-dioxin prompted differentiation to CD4(+)CD8(-)CD25(+) and CD4(+)CD8(+)CD25(+) Tregs and altered expression of immune-related genes in the thymus of chicken embryos.

Benfuresate induces developmental toxicity in zebrafish larvae by generating apoptosis and pathological modifications.

Ovarian mitochondrial and oxidative stress proteins are altered by glyphosate exposure in mice.

Depletion of NK cells attenuates paraquat-induced acute lung injury by manipulating macrophage polarization.

Exposure to glyphosate and risk of non-Hodgkin lymphoma and multiple myeloma: an updated meta-analysis.

A comprehensive analysis of the animal carcinogenicity data for glyphosate from chronic exposure rodent carcinogenicity studies.

Cinnamaldehyde Treatment of Prostate Cancer-Associated Fibroblasts Prevents Their Inhibitory Effect on T Cells Through Toll-Like Receptor 4.

Dicamba use and cancer incidence in the agricultural health study: an updated analysis.

Ingestion of organic acids and cinnamaldehyde improves tissue homeostasis of piglets exposed to enterotoxigenic *Escherichia coli* (ETEC).

Occupational Exposure to Pesticides and Chronic Lymphocytic Leukaemia in the MCC-Spain Study.

Eckol from *Ecklonia cava* Suppresses Immunoglobulin E-mediated Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice.

A murine model of *Staphylococcus aureus* infected chronic diabetic wound: A new tool to develop alternative therapeutics.

Prenatal pesticide exposure and childhood leukemia - A California statewide case-control study.

Parental occupational exposure to pesticides, animals and organic dust and risk of childhood leukemia and central nervous system tumors: Findings from the International Childhood Cancer Cohort Consortium (I4C).

Arsenic-induced immunomodulatory effects disorient the survival-death interface by stabilizing the Hsp90/Beclin1 interaction.

Characterization of a novel O-acetyl sialic acid specific lectin from the hemolymph of the marine crab, *Atergatis integerrimus* (Lamarck, 1818).

Tissue- and Region-Specific Accumulation of Arsenic Species, Especially in the Brain of Mice, After Long-term Arsenite Exposure in Drinking Water.

The in Vitro Antiplasmodial and Antiproliferative Activity of New Ferrocene-Based β -Aminocresols Targeting Hemozoin Inhibition and DNA Interaction.

How the AHR Became Important in Intestinal Homeostasis-A Diurnal FICZ/AHR/CYP1A1 Feedback Controls Both Immunity and Immunopathology.

Chronic arsenic exposure induces the time-dependent modulation of inflammation and immunosuppression in spleen.

Sarcoidosis: Causes, Diagnosis, Clinical Features, and Treatments.

Glycyrrhizic acid modulates the atrazine-induced apoptosis in rabbit spleen.

Atrazine induces necroptosis by miR-181-5p targeting inflammation and glycometabolism in carp lymphocytes.

Glyphosate use and associations with non-Hodgkin lymphoma major histological sub-types: findings from the North American Pooled Project.

Identification of signal pathways for immunotoxicity in the spleen of common carp exposed to chlorpyrifos.

Ecotoxicological hazard of a mixture of glyphosate and aminomethylphosphonic acid to the mussel *Mytilus galloprovincialis* (Lamarck 1819).

Cellular, humoral and molecular responses in rainbow trout (*Oncorhynchus mykiss*) exposed to a herbicide and subsequently infected with infectious hematopoietic necrosis virus.

Lymphocyte and its CD4+ and CD8+ subgroup changes after paraquat poisoning.

Acute exposure to chlorpyrifos and glyphosate induces changes in hemolymph biochemical parameters in the crayfish, *Astacus leptodactylus* (Eschscholtz, 1823).

Glyphosate induces benign monoclonal gammopathy and promotes multiple myeloma progression in mice.

Evaluating sub-lethal stress from Roundup(®) exposure in *Artemia franciscana* using (1)H NMR and GC-MS.

Glyphosate affects haemocyte parameters in the clam *Ruditapes philippinarum*.

Long-term Immunotoxic Effects of Oral Prenatal and Neonatal Atrazine Exposure.

Combined effect of conventional antimicrobials with essential oils and their main components against resistant *Streptococcus suis* strains.

Dioxin-like (DL-) polychlorinated biphenyls induced immunotoxicity through apoptosis in mice splenocytes via the AhR mediated mitochondria dependent signaling pathways.

Expression and Functional Analysis of Hepcidin from Mandarin Fish (*Siniperca chuatsi*).

Associations between persistent organic pollutants and risk of breast cancer metastasis.

Magnetic nanoparticles-loaded liposomes as a novel treatment agent for iron deficiency anemia: In vivo study.

Pesticide use and risk of non-Hodgkin lymphoid malignancies in agricultural cohorts from France, Norway and the USA: a pooled analysis from the AGRICOH consortium.

Incidence and mortality trends and geographic patterns of follicular lymphoma in Canada.

Iron bioavailability of four iron sources used to fortify infant cereals, using anemic weaning pigs as a model.

Genome-Wide Transcriptional Analysis Reveals Novel AhR Targets That Regulate Dendritic Cell Function during Influenza A Virus Infection.

RYR1 Sequence Variants in Myopathies: Expression and Functional Studies in Two Families.

Targeted deletion of the aryl hydrocarbon receptor in dendritic cells prevents thymic atrophy in response to dioxin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces peripheral blood abnormalities and plasma cell neoplasms resembling multiple myeloma in mice.

AhR Activation by TCDD (2,3,7,8-Tetrachlorodibenzo-p-dioxin) Attenuates Pertussis Toxin-Induced Inflammatory Responses by Differential Regulation of Tregs and Th17 Cells Through Specific Targeting by microRNA.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced aryl hydrocarbon receptor activation enhanced the suppressive function of mesenchymal stem cells against splenocyte proliferation.

Synthesis and preclinical evaluation of the CRTH2 antagonist [(11)C]MK-7246 as a novel PET tracer and potential surrogate marker for pancreatic beta-cell mass.

Radiosynthesis and in vivo evaluation of (11)C-labeled BMS-193885 and its desmethyl analog as PET tracers for neuropeptide Y1 receptors.

Ameliorative effect of gallic acid on sodium arsenite-induced spleno-, cardio- and hemato-toxicity in rats.

Apigenin reverses lung injury and immunotoxicity in paraquat-treated mice.

Effects of aminomethylphosphonic acid, the main breakdown product of glyphosate, on cellular and biochemical parameters of the mussel *Mytilus galloprovincialis*.

Atrazine Exposure Influences Immunity in the Blue Dasher Dragonfly, *Pachydiplax longipennis* (Odonata: Libellulidae).

Atrazine promotes immunomodulation by melanomacrophage centre alterations in spleen and vascular disorders in gills from *Oreochromis niloticus*.

Alachlor Use and Cancer Incidence in the Agricultural Health Study: An Updated Analysis.

Biochemical and histological effects of sub-chronic exposure to atrazine in crayfish *Cherax destructor*.

Influences of *Chlorella vulgaris* dietary supplementation on growth performance, hematology, immune response and disease resistance in *Oreochromis niloticus* exposed to sub-lethal concentrations of penoxsulam herbicide.

The impact of Agent Orange exposure on prognosis and management in patients with chronic lymphocytic leukemia: a National Veteran Affairs Tumor Registry Study.

Effects of atrazine on vitellogenesis, steroid levels and lipid peroxidation, in female red swamp crayfish *Procambarus clarkii*.

Acrolein-induced oxidative stress and genotoxicity in rats: protective effects of whey protein and conjugated linoleic acid.

Paraquat treatment modulates integrin associated protein (CD47) and basigin (CD147) expression and mitochondrial potential on erythroid cells in mice.

Ecotoxicological risk assessment for the herbicide glyphosate to non-target aquatic species: A case study with the mussel *Mytilus galloprovincialis*.

Commercial AHAS-inhibiting herbicides are promising drug leads for the treatment of human fungal pathogenic infections.

Glyphosate Use and Cancer Incidence in the Agricultural Health Study.

Immunomodulatory and therapeutic role of *Cinnamomum verum* extracts in collagen-induced arthritic BALB/c mice.

Anti-inflammatory effect of cinnamaldehyde and linalool from the leaf essential oil of *Cinnamomum osmophloeum* Kanehira in endotoxin-induced mice.

Inhibition of HSV-2 infection by pure compounds from *Thymus capitatus* extract in vitro.

Quercetin modulates iron homeostasis and iNOS expression of splenic macrophages in a rat model of iron deficiency anemia.

Mining a KrÄhnke Pyridine Library for Anti-Arenavirus Activity.

Comparative roles of *clpA* and *clpB* in the survival of *S. Typhimurium* under stress and virulence in poultry.

Probiotic/prebiotic correction for adverse effects of iron fortification on intestinal resistance to *Salmonella* infection in weaning mice.

Exploration of intermolecular interaction of calf thymus DNA with sulfosulfuron using multi-spectroscopic and molecular docking techniques.

The effect of prenatal exposure on disposition of hexachloronaphthalene in female Wistar rats and fetal compartment.

Behavioral response and dynamics of *Eisenia fetida* hemocytes exposed to environmentally relevant concentration of sulfentrazone.

Lymphocyte-Specific Protein Tyrosine Kinase (LCK) is Involved in the Aryl Hydrocarbon Receptor-Mediated Impairment of Immunoglobulin Secretion in Human Primary B Cells.

Roles of dietary supplementation with arginine or N-carbamylglutamate in modulating the inflammation, antioxidant property, and mRNA expression of antioxidant-relative signaling molecules in the spleen of rats under oxidative stress.

Low dose exposure to HBCD, CB-153 or TCDD induces histopathological and hormonal effects and changes in brain protein and gene expression in juvenile female BALB/c mice.

Effect of cytokinins on in vitro multiplication, volatiles composition and rosmarinic acid content of *Thymus leucotrichus* Hal. shoots.

Chemical sensing in development and function of intestinal lymphocytes.

Comparison of in vivo toxicity, antioxidant and immunomodulatory activities of coconut, niphah and pineapple juice vinegars.

The potential protective role of Akropower against Atrazine- induced humoral immunotoxicity in rabbits.

Lack of immunotoxic effects of repeated exposure to atrazine associated with the adaptation of adrenal gland activation.

Efficacy of *Spirulina platensis* diet supplements on disease resistance and immune-related gene expression in *Cyprinus carpio* L. exposed to herbicide atrazine.

The association of cancer risks with pentachlorophenol exposure: Focusing on community population in the areas along certain section of Yangtze River in China.

Enhancing miR-132 expression by aryl hydrocarbon receptor attenuates tumorigenesis associated with chronic colitis.

Recurrent anaemia in a patient with lymphocytic gastritis and vitamin B(12) deficiency.

Antimicrobial agents, triclosan, chloroxylenol, methylisothiazolinone and borax, used in cleaning had genotoxic and histopathologic effects on rainbow trout.

KML001 and doxercalciferol induce synergistic antileukemic effect in acute lymphoid leukemia cells.

Direct participation of DNA in the formation of singlet oxygen and base damage under UVA irradiation.

The decreased growth performance and impaired immune function and structural integrity by dietary iron deficiency or excess are associated with TOR, NF- κ B, p38MAPK, Nrf2 and MLCK signaling in head kidney, spleen and skin of grass carp (*Ctenopharyngodon idella*).

NAD(+) loss, a new player in AhR biology: prevention of thymus atrophy and hepatosteatosis by NAD(+) repletion.

Fecal metagenomic profiles in subgroups of patients with myalgic encephalomyelitis/chronic fatigue syndrome.

Amelioration of arsenic-induced toxic effects in mice by dietary supplementation of *Syzygium cumini* leaf extract.

Dibenzo[def,p]chrysene transplacental carcinogenesis in wild-type, Cyp1b1 knockout, and CYP1B1 humanized mice.

Ion Imbalance Is Involved in the Mechanisms of Liver Oxidative Damage in Rats Exposed to Glyphosate.

Tissue breathing and topology of rats thymocytes surface under acute total \hat{I}^3 -irradiation.

Photophysicochemical, calf thymus DNA binding and in vitro photocytotoxicity properties of tetra-morpholinoethoxy-substituted phthalocyanines and their water-soluble quaternized derivatives.

Risk of lymphoma subtypes by occupational exposure in Southern Italy.

Aryl Hydrocarbon Receptor Activation Suppresses EBF1 and PAX5 and Impairs Human B Lymphopoiesis.

Arsenic exposure impels CD4 commitment in thymus and suppress T cell cytokine secretion by increasing regulatory T cells.

Toxicological characterisation of two novel selective aryl hydrocarbon receptor modulators in Sprague-Dawley rats.

New insights into the role of spermine in enhancing the antioxidant capacity of rat spleen and liver under oxidative stress.

Aryl hydrocarbon receptor activation by 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs human B lymphopoiesis.

SILAC-based quantitative proteomic analysis reveals widespread molecular alterations in human skin keratinocytes upon chronic arsenic exposure.

The sublethal effects of (2,4-Dichlorophenoxy) acetic acid (2,4-D) on narrow-clawed crayfish (*Astacus leptodactylus* Eschscholtz, 1823).

Performance standard-based validation study for local lymph node assay: 5-bromo-2-deoxyuridine-flow cytometry method.

Effects of terbuthylazine-desethyl, a terbuthylazine degradation product, on red swamp crayfish (*Procambarus clarkii*).

Atrazine induces endoplasmic reticulum stress-mediated apoptosis of T lymphocytes via the caspase-8-dependent pathway.

[Experimental evaluation of the impact of low doses of the herbicide 2,4-D in drinking water on some indices of lipid and immune status].

Oral Exposure to Atrazine Induces Oxidative Stress and Calcium Homeostasis Disruption in Spleen of Mice.

Systematic review and meta-analysis of glyphosate exposure and risk of lymphohematopoietic cancers.

Skin diseases associated with Agent Orange and other organochlorine exposures.

Comparative toxicity of Paraquat herbicide and some plant extracts in *Lymnaea natalensis* snails.

Intra-laboratory study to determine the reproducibility of LLNA:BrdU-ELISA for the prediction of the skin sensitizing potential of chemicals.

Discovery of a novel anticancer agent with both anti-topoisomerase I and II activities in hepatocellular carcinoma SK-Hep-1 cells in vitro and in vivo: Cinnamomum verum component 2-methoxycinnamaldehyde.

Low dose cyclophosphamide: Mechanisms of T cell modulation.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) role in hematopoiesis and in hematologic diseases: A critical review.

Mortality risk among workers with exposure to dioxins.

Oral Toxicity of 2,4-Dinitroanisole in Rats.

TCDD modulation of gut microbiome correlated with liver and immune toxicity in streptozotocin (STZ)-induced hyperglycemic mice.

In utero and lactational dioxin exposure induces Sema3b and Sema3g gene expression in the developing mouse brain.

Effects of Fe-YM1504 on iron deficiency anemia in rats.

Aryl hydrocarbon receptor knockout rats are insensitive to the pathological effects of repeated oral exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Long-term arsenite exposure induces premature senescence in B cell lymphoma A20 cells.

Anti-tumoral effect of arsenic compound, sodium metaarsenite (KML001), in non-Hodgkin's lymphoma: an in vitro and in vivo study.

Chronic TCDD exposure results in the dysregulation of gene expression in splenic B-lymphocytes and in the impairments in T-cell and B-cell differentiation in mouse model.

Odorants specifically modulate chemotaxis and tissue retention of CD4+ T cells via cyclic adenosine monophosphate induction.

A simple standard technique for labyrinthectomy in the rat: A methodical communication with a detailed description of the surgical process.

Cobalt(III) complexes as potential anticancer agents: Physicochemical, structural, cytotoxic activity and DNA/protein interactions.

Risk Factors for Herpes Zoster Among Adults.

In vitro effect of 4-pentylphenol and 3-methyl-4-nitrophenol on murine splenic lymphocyte populations and cytokine/granzyme production.

Walnut Polyphenol Extract Attenuates Immunotoxicity Induced by 4-Pentylphenol and 3-methyl-4-nitrophenol in Murine Splenic Lymphocyte.

[STRUCTURE OF THE SPLEEN AT CHRONIC INTOXICATION OF THE ORGANISM BY SODIUM TETRABORATE AND AFTER INTOXICATION].

Nanopharmaceutical Approach for Enhanced Anti-cancer Activity of Betulinic Acid in Lung-cancer Treatment via Activation of PARP: Interaction with DNA as a Target: -Anti-cancer Potential of Nano-betulinic Acid in Lung Cancer.

Arsenite accumulation in the mouse eye.

Molecular characterization of heat-shock protein 90 gene and its expression in *Gobiocypris rarus* juveniles exposed to pentachlorophenol.

RETRACTED: Glyphosate herbicide induces genotoxic effect and physiological disturbances in *Bulinus truncatus* snails.

A Dose-Response Modeling Approach Shows That Effects From Mixture Exposure to the Skin Sensitizers Isoeugenol and Cinnamal Are in Line With Dose Addition and Not With Synergism.

Acute and subchronic toxic effects of atrazine and chlorpyrifos on common carp (*Cyprinus carpio* L.): Immunotoxicity assessments.

Agent Orange and long-term outcomes after radical prostatectomy.

Alteration in the cytokine levels and histopathological damage in common carp induced by glyphosate.

Soft tissue sarcoma, non-Hodgkin's lymphoma and chronic lymphocytic leukaemia in workers exposed to phenoxy herbicides: extended follow-up of a UK cohort.

Effects of atrazine and chlorpyrifos on oxidative stress-induced autophagy in the immune organs of common carp (*Cyprinus carpio* L.).

A critical review of the epidemiology of Agent Orange or 2,3,7,8-tetrachlorodibenzo-p-dioxin and lymphoid malignancies.

Further development of LLNA:DAE method as stand-alone skin-sensitization testing method and applied for evaluation of relative skin-sensitizing potency between chemicals.

UV and hydrogen peroxide treatment restores changes in innate immunity caused by exposure of fish to reuse water.

In vitro safety assessment of food ingredients in canine renal proximal tubule cells.

Effects of atrazine on the proliferation and cytotoxicity of murine lymphocytes with the use of carboxyfluorescein succinimidyl ester-based flow cytometric approaches.

Superantigen staphylococcal enterotoxin C1 mutant can reduce paraquat pulmonary fibrosis.

Transcription alteration of immunologic parameters and histopathological damage in common carp (*Cyprinus carpio* L.) caused by paraquat.

Cancer risks and long-term community-level exposure to pentachlorophenol in contaminated areas, China.

Antifungal Effect of Essential Oils against *Fusarium* Keratitis Isolates.

Simultaneous determination of cinnamaldehyde and its metabolite in rat tissues by gas chromatography-mass spectrometry.

Hexyl cinnamal: consideration of skin-sensitizing properties and suitability as a positive control.

Compound- and sex-specific effects on programming of energy and immune homeostasis in adult C57BL/6JxFVB mice after perinatal TCDD and PCB 153.

Residential Exposure to Pesticide During Childhood and Childhood Cancers: A Meta-Analysis.

Activation of the aryl hydrocarbon receptor during development enhances the pulmonary CD4+ T-cell response to viral infection.

Arsenic-induced dyslipidemia in male albino rats: comparison between trivalent and pentavalent inorganic arsenic in drinking water.

Sodium meta-arsenite prevents the development of autoimmune diabetes in NOD mice.

Developmental exposure to 2,3,7,8 tetrachlorodibenzo-p-dioxin attenuates later-life Notch1-mediated T cell development and leukemogenesis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin Delays Palatal Shelf Elevation and Suppresses Wnt5a and Lymphoid Enhancing-Binding Factor 1 Signaling in Developing Palate.

Simultaneous determination of phenoxyethanol and its major metabolite, phenoxyacetic acid, in rat biological matrices by LC-MS/MS with polarity switching: Application to ADME studies.

Activation of NRF2 pathway in spleen, thymus as well as peripheral blood mononuclear cells by acute arsenic exposure in mice.

Day-to-day variability of toxic events induced by organic compounds bound to size segregated atmospheric aerosol.

Protective effects of phyllanthus emblica leaf extract on sodium arsenite-mediated adverse effects in mice.

Reply to Koppe and Ten Tusscher's letter to the Editor concerning the use of human peripheral blood lymphocytes to determine relative effect potencies for dioxin like compounds.

Influence of titanium dioxide nanoparticles on 2,3,7,8-tetrachlorodibenzo-p-dioxin bioconcentration and toxicity in the marine fish European sea bass (*Dicentrarchus labrax*).

Glyphosate-rich air samples induce IL-33, TSLP and generate IL-13 dependent airway inflammation.

Carcinogenicity of metamifop, a novel herbicide, in Wistar rats following oral administration for 104 weeks.

Toxic effects of paraquat on cytokine expression in common carp, *Cyprinus carpio* L.

Pro- and anti-inflammatory cytokine expression in immune organs of the common carp exposed to atrazine and chlorpyrifos.

Elimination of young erythrocytes from blood circulation and altered erythropoietic patterns during paraquat induced anemic phase in mice.

Effects of glyphosate on growth rate, metabolic rate and energy reserves of early juvenile crayfish, *Cherax quadricarinatus* M.

Immunological effects of paraquat on common carp, *Cyprinus carpio* L.

Effect of a glyphosate-based herbicide on gene expressions of the cytokines interleukin-1 β and interleukin-10 and of heme oxygenase-1 in European sea bass, *Dicentrarchus labrax* L.

Effects of chlorophenoxy herbicides and their main transformation products on DNA damage and acetylcholinesterase activity.

The impact of Agent Orange exposure on presentation and prognosis of patients with chronic lymphocytic leukemia.

The pentachlorophenol metabolite tetrachlorohydroquinone induces massive ROS and prolonged p-ERK expression in splenocytes, leading to inhibition of apoptosis and necrotic cell death.

Melatonin Reverses Fas, E2F-1 and Endoplasmic Reticulum Stress Mediated Apoptosis and Dysregulation of Autophagy Induced by the Herbicide Atrazine in Murine Splenocytes.

Dietary essential oils improve the hepatic antioxidative status of broiler chickens.

Effect of iron supplementation on the expression of hypoxia-inducible factor and antioxidant status in rats exposed to high-altitude hypoxia environment.

A nanoparticulate ferritin-core mimetic is well taken up by HuTu 80 duodenal cells and its absorption in mice is regulated by body iron.

Sodium arsenite induces apoptosis and Epstein-Barr virus reactivation in lymphoblastoid cells.

Functional characterisation of the R2452W ryanodine receptor variant associated with malignant hyperthermia susceptibility.

Farm residence and lymphohematopoietic cancers in the Iowa Women's Health Study.

Ferroportin mediates the intestinal absorption of iron from a nanoparticulate ferritin core mimetic in mice.

Homoisoflavanone prevents mast cell activation and allergic responses by inhibition of Syk signaling pathway.

Impact of long-term exposure to sodium arsenite on cytogenetic radiation damage.

The NRF2-KEAP1 pathway is an early responsive gene network in arsenic exposed lymphoblastoid cells.

Functional characterization of 2 known ryanodine receptor mutations causing malignant hyperthermia.

Cross-talk between aryl hydrocarbon receptor and the inflammatory response: a role for nuclear factor- κ B.

Duodenal absorption and tissue utilization of dietary heme and nonheme iron differ in rats.

Epoxyalcohols: bioactivation and conjugation required for skin sensitization.

Differential relative effect potencies of some dioxin-like compounds in human peripheral blood lymphocytes and murine splenic cells.

Cytotoxic clerodane diterpenes from *Zuelania guidonia*.

Influence of zinc supplementation on histopathological changes in the stomach, liver, kidney, brain, pancreas and spleen during subchronic exposure of Wistar rats to glyphosate.

Accumulation, histopathological effects and response of biochemical markers in the spleens and head kidneys of common carp exposed to atrazine and chlorpyrifos.

The immunotoxic effects of dual exposure to PCP and TCDD.

The suppressor of cytokine signaling 2 (SOCS2) modulating the neurotransmitters release in *Eriocheir sinensis*.

Exposure to herbicides in house dust and risk of childhood acute lymphoblastic leukemia.

Effects of chemical and handling exposure on fatty acids, oxidative stress and morphological welfare indicators in gilt-head sea bream (*Sparus aurata*).

Impact of the redox-cycling herbicide diquat on transcript expression and antioxidant enzymatic activities of the freshwater snail *Lymnaea stagnalis*.

Immunotoxicity of atrazine in Balb/c mice.

Historical long-term exposure to pentachlorophenol causing risk of cancer--a community study.

Effects of atrazine and chlorpyrifos on the mRNA levels of HSP70 and HSC70 in the liver, brain, kidney and gill of common carp (*Cyprinus carpio* L.).

Oral exposure to the herbicide simazine induces mouse spleen immunotoxicity and immune cell apoptosis.

Evaluation of non-radioactive endpoints of ex vivo local lymph node assay-BrdU to investigate select contact sensitizers.

Use of biometric, hematologic, and plasma biochemical variables, and histopathology to assess the chronic effects of the herbicide prometryn on Common Carp.

Sub-acute exposure to the herbicide atrazine suppresses cell immune functions in adolescent mice.

Contact sensitizing potential of pyrogallol and 5-amino-o-cresol in female BALB/c mice.

Induction of thymic stromal lymphopoietin production by nonanoic acid and exacerbation of allergic inflammation in mice.

ITE, a novel endogenous nontoxic aryl hydrocarbon receptor ligand, efficiently suppresses EAU and T-cell-mediated immunity.

Relationships between in vitro lymphoproliferative responses and levels of contaminants in blood of free-ranging adult harbour seals (*Phoca vitulina*) from the North Sea.

Suppression of acute graft-versus-host response by TCDD is independent of the CTLA-4-IFN- γ -IDO pathway.

Arsenic induced toxicity and histopathological changes in gill and liver tissue of freshwater fish, tilapia (*Oreochromis mossambicus*).

Aryl hydrocarbon receptor activation affects the dendritic cell phenotype and function during allergic sensitization.

Indoxyl 3-sulfate stimulates Th17 differentiation enhancing phosphorylation of c-Src and STAT3 to worsen experimental autoimmune encephalomyelitis.

Aberrant pulmonary lymphatic development in the nitrofen mouse model of congenital diaphragmatic hernia.

The human Ah receptor: hints from dioxin toxicities to deregulated target genes and physiological functions.

The influence of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on hematological parameters during experimentally induced pleuritis in rats.

[Halitosis concomitant with chronic ENT pathology in children].

Sequence capture and massively parallel sequencing to detect mutations associated with malignant hyperthermia.

Vanadium toxicity in mice: possible impairment of lipid metabolism and mucosal epithelial cell necrosis in the small intestine.

Demonstration of ATP-dependent, transcellular transport of lipid across the lymphatic endothelium using an in vitro model of the lacteal.

Effect of selenomethionine supplementation in food on the excretion and toxicity of arsenic exposure in female mice.

The mortality and cancer experience of New Zealand Vietnam war veterans: a cohort study.

Dietary exposure of juvenile female mice to polyhalogenated seafood contaminants (HBCD, BDE-47, PCB-153, TCDD): comparative assessment of effects in potential target tissues.

Activation of aryl hydrocarbon receptor prolongs survival of fully mismatched cardiac allografts.

Determination of urinary 6-mercaptopurine and three of its metabolites by HPLC-UV coupled with the iodine-azide reaction.

Histopathological changes induced by paraquat on some tissues of gourami fish (*Trichogaster trichopterus*).

Treatment of mice with 2,3,7,8-Tetrachlorodibenzo-p-dioxin markedly increases the levels of a number of cytochrome P450 metabolites of omega-3 polyunsaturated fatty acids in the liver and lung.

A Systematic Review of Carcinogenic Outcomes and Potential Mechanisms from Exposure to 2,4-D and MCPA in the Environment.

Butachlor induced dissipation of mitochondrial membrane potential, oxidative DNA damage and necrosis in human peripheral blood mononuclear cells.

Immunotoxicity induced by acute subtoxic doses of paraquat herbicide: implication of shifting cytokine gene expression toward T-helper (T(H))-17 phenotype.

Methyl bromide exposure and cancer risk in the Agricultural Health Study.

Differential gene expression responses distinguish contact and respiratory sensitizers and nonsensitizing irritants in the local lymph node assay.

Schedule for rating disabilities; AL amyloidosis (primary amyloidosis). Final rule.

Developmental exposure to diuron causes splenotoxicity in male Sprague-Dawley rat pups.

Pesticide exposure in children.

Activation of the aryl hydrocarbon receptor reduces the number of precursor and effector T cells, but preserves thymic CD4+CD25+Foxp3+ regulatory T cells.

Repeated dose toxicity and relative potency of 1,2,3,4,6,7-hexachloronaphthalene (PCN 66) 1,2,3,5,6,7-hexachloronaphthalene (PCN 67) compared to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) for induction of CYP1A1, CYP1A2 and thymic atrophy in female Harlan Sprague-Dawley rats.

Tryptophan catabolism in cancer: beyond IDO and tryptophan depletion.

Arsenite-induced autophagy is associated with proteotoxicity in human lymphoblastoid cells.

Long-term toxicology and carcinogenicity of 2,4,6-trichlorophenol.

Eccrine porocarcinoma with carcinomatous lymphangitis in a patient with history of arsenic exposure: a case report.

Poly (lactide-co-glycolide) encapsulated extract of *Phytolacca decandra* demonstrates better intervention against induced lung adenocarcinoma in mice and on A549 cells.

Patch testing with the textile dyes Disperse Orange 1 and Disperse Yellow 3 and some of their potential metabolites, and simultaneous reactions to para-amino compounds.

A NUP98-HOXD13 leukemic fusion gene leads to impaired class switch recombination and antibody production.

FICZ, a tryptophan photoproduct, suppresses pulmonary eosinophilia and Th2-type cytokine production in a mouse model of ovalbumin-induced allergic asthma.

Non-dioxin-like AhR ligands in a mouse peanut allergy model.

A review of the role of lymphoma markers and occupational and environmental exposures.

Assessment of the sensitizing potential of textile disperse dyes and some of their metabolites by the loose-fit coculture-based sensitization assay (LCSA).

Prenatal exposure to TCDD triggers significant modulation of microRNA expression profile in the thymus that affects consequent gene expression.

Dihydroxy-isosteviol methyl ester of *Pulsatilla nigricans* extract reduces arsenic-induced DNA damage in testis cells of male mice: its toxicity, drug-DNA interaction and signaling cascades.

DNA binding studies of 3, 5, 6-trichloro-2-pyridinol pesticide metabolite.

Arsenic toxicity: a heart-breaking saga of a freshwater mollusc.

Lymphoma cells with increased anti-oxidant defenses acquire chemoresistance.

Protective effect of curcumin against arsenic-induced apoptosis in murine splenocytes in vitro.

Age-related effects of sodium arsenite on splenocyte proliferation and Th1/Th2 cytokine production.

The Aryl Hydrocarbon Receptor Influences Transplant Outcomes in Response to Environmental Signals.

Effects of deliberate ingestion of organophosphate or paraquat on brain stem auditory-evoked potentials.

Enhanced sensitization and elicitation responses caused by mixtures of common fragrance allergens.

Effects of glyphosate and polyoxyethylenamine on growth and energetic reserves in the freshwater crayfish *Cherax quadricarinatus* (Decapoda, Parastacidae).

Atrazine-induced apoptosis of splenocytes in BALB/C mice.

Effects of atrazine and chlorpyrifos on the mRNA levels of IL-1 and IFN- γ 2b in immune organs of common carp.

Diuron exposure induces systemic and organ-specific toxicity following acute and sub-chronic exposure in male Wistar rats.

Membrane-active antimicrobial peptides and human placental lysosomal extracts are highly active against mycobacteria.

Superoxide dismutase protects cells from DNA damage induced by trivalent methylated arsenicals.

Erythema multiforme major due to occupational exposure to the herbicides alachlor and butachlor.

The effects of Click 500 SC (terbuthylazine) on common carp *Cyprinus carpio* under (sub)chronic conditions.

Evaluation of suppressive effects of paraquat on innate immunity in Balb/c mice.

Effects of dietary supplementation with phytonutrients on vaccine-stimulated immunity against infection with *Eimeria tenella*.

Cinnamaldehyde enhances in vitro parameters of immunity and reduces in vivo infection against avian coccidiosis.

Measuring the penetration of a skin sensitizer and its delivery vehicles simultaneously with confocal Raman spectroscopy.

Construction, expression, and characterization of a single-chain variable fragment antibody against 2,4-dichlorophenoxyacetic acid in the hemolymph of silkworm larvae.

A single mid-gestation exposure to TCDD yields a postnatal autoimmune signature, differing by sex, in early geriatric C57BL/6 mice.

The possible roles of environmental factors and the aryl hydrocarbon receptor in the prevalence of thyroid diseases in Vietnam era veterans.

Activation of the aryl hydrocarbon receptor suppresses sensitization in a mouse peanut allergy model.

Effect of oral exposure to fenitrothion and 3-methyl-4-nitrophenol on splenic cell populations and histopathological alterations in spleen in Wistar rats.

Review of metastasizing (malignant) ameloblastoma (METAM): pattern of metastasis and treatment.

Heat shock protein 47 expression in oral squamous cell carcinomas and upregulated by arecoline in human oral epithelial cells.

Prenatal TCDD in mice increases adult autoimmunity.

Aryl hydrocarbon receptor activation by TCDD reduces inflammation associated with Crohn's disease.

Gene expression alterations in immune system pathways in the thymus after exposure to immunosuppressive chemicals.

Prenatal TCDD causes persistent modulation of the postnatal immune response, and exacerbates inflammatory disease, in 36-week-old lupus-like autoimmune SNF1 mice.

Resveratrol (3,5,4'-trihydroxystilbene) protects pregnant mother and fetus from the immunotoxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Activation of aryl hydrocarbon receptor (AhR) leads to reciprocal epigenetic regulation of FoxP3 and IL-17 expression and amelioration of experimental colitis.

Residential exposure to pesticides and childhood leukaemia: a systematic review and meta-analysis.

Functional Characterization of Hypertrehalosemic Hormone Receptor in Relation to Hemolymph Trehalose and to Oxidative Stress in the Cockroach *Blattella germanica*.

Stereoselective metabolism of fenoxaprop-ethyl and its chiral metabolite fenoxaprop in rabbits.

Developmental and posthatch effects of in ovo exposure to 2,3,7,8-TCDD, 2,3,4,7,8-PECDF, and 2,3,7,8-TCDF in Japanese quail (*Coturnix japonica*), common pheasant (*Phasianus colchicus*), and white leghorn chicken (*Gallus gallus domesticus*) embryos.

Sodium arsenite and hyperthermia modulate cisplatin-DNA damage responses and enhance platinum accumulation in murine metastatic ovarian cancer xenograft after hyperthermic intraperitoneal chemotherapy (HIPEC).

Hemocytes and humoral factors in silkworm blood are cooperatively involved in sheep erythrocyte aggregation.

Cigarette smoke increases susceptibility to tuberculosis--evidence from in vivo and in vitro models.

Dioxin toxicity, aryl hydrocarbon receptor signaling, and apoptosis-persistent pollutants affect programmed cell death.

Acute disruption of bone marrow hematopoiesis by benzo(a)pyrene is selectively reversed by aryl hydrocarbon receptor-mediated processes.

Changes in DNA methylation and gene expression during 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced suppression of the lipopolysaccharide-stimulated IgM response in splenocytes.

Polychlorinated dibenzo-p-dioxins and dibenzofurans in different tissues of the cormorants (*Phalacrocorax carbo*) from Dongting Lake, China.

NTP toxicity studies of toxicity studies of 2,4-decadienal (CAS No. 25152-84-5) administered by gavage to F344/N Rats and B6C3F1 mice.

Sodium arsenite mediated immuno-disruption through alteration of transcription profile of cytokines in chicken splenocytes under in vitro system.

Prior exposure to organophosphorus and organochlorine pesticides increases the allergic potential of environmental chemical allergens in a local lymph node assay.

Formation of deoxyguanosine cross-links from calf thymus DNA treated with acrolein and 4-hydroxy-2-nonenal.

Areas with high soil percolation by herbicides have higher incidence of low-grade non-Hodgkin lymphomas.

Desmoplastic small round-cell tumor: an adult with previous exposure to agent orange.

Immunotoxicity of paraquat after subacute exposure to mice.

[Thyroid disruption induced by pentachlorophenol].

Toxicokinetics and recovery studies of dicamba dimethyl amine salt in goats following single oral administration.

Arsenic trioxide and ascorbic acid demonstrate promising activity against primary human CLL cells in vitro.

Effects of strain differences and vehicles on results of local lymph node assays.

Therapeutic effects on murine oral candidiasis by oral administration of cassia (*Cinnamomum cassia*) preparation.

Interaction of paraquat with calf thymus DNA: a terbium(III) luminescent probe and multispectral study.

Toxicology and carcinogenesis studies of 3,3',4,4'-tetrachloroazobenzene (TCAB) (CAS No. 14047-09-7) in Harlan Sprague-Dawley rats and B6C3F1 mice (gavage studies).

[Establishment of an erythroleukemia model in CB6F1 mice by transplant with haploidentical mouse leukemic cell line FBL-3].

Lymphocyte-based determination of susceptibility to malignant hyperthermia: a pilot study in swine.

Anti-mutagenic and pro-apoptotic effects of apigenin on human chronic lymphocytic leukemia cells.

Aryl hydrocarbon receptor activation reduces dendritic cell function during influenza virus infection.

Functional properties of RYR1 mutations identified in Swedish patients with malignant hyperthermia and central core disease.

Identification of genes that are dispensable for animal infection by *Salmonella typhimurium*.

Toxicity of Bromkal 70-5DE, a technical mixture of polybrominated diphenyl ethers, following 28 d of oral exposure in rats and impact of analysed impurities.

Suppression of experimental autoimmune uveoretinitis by inducing differentiation of regulatory T cells via activation of aryl hydrocarbon receptor.

A hospital-based case-control study of non-Hodgkin lymphoid neoplasms in Shanghai: analysis of environmental and occupational risk factors by subtypes of the WHO classification.

Activation of the aryl hydrocarbon receptor pathway enhances cancer cell invasion by upregulating the MMP expression and is associated with poor prognosis in upper urinary tract urothelial cancer.

Perinatal exposure of mice to TCDD decreases allergic sensitisation through inhibition of IL-4 production rather than T regulatory cell-mediated suppression.

Abnormal regulation of chemokine TECK and its receptor CCR9 in the endometriotic milieu is involved in pathogenesis of endometriosis by way of enhancing invasiveness of endometrial stromal cells.

Microscopic magnetic resonance in congenital diaphragmatic hernia and associated malformations in rats.

High-protein/high red meat and high-carbohydrate weight-loss diets do not differ in their effect on faecal water genotoxicity tested by use of the WIL2-NS cell line and with other biomarkers of bowel health.

2,3,7,8-Tetrachlorodibenzo-p-dioxin impairs stable establishment of oral tolerance in mice.

Five monomeric hemocyanin subunits from *Portunus trituberculatus*: purification, spectroscopic characterization, and quantitative evaluation of phenol monooxygenase activity.

Discriminating between different acute chemical toxicities via changes in the daphnid metabolome.

Transcriptomic profile indicative of immunotoxic exposure: in vitro studies in peripheral blood mononuclear cells.

Acute toxicity of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) in male Sprague-Dawley rats: effects on hepatic oxidative stress, glutathione and metals status.

Outcomes after radical prostatectomy among men who are candidates for active surveillance: results from the SEARCH database.

Effects of in ovo exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic AHR/ARNT-CYP1A signaling pathways in common cormorants (*Phalacrocorax carbo*).

Expression of aryl hydrocarbon receptor in human placentas and fetal tissues.

Low-dose synergistic immunosuppression of T-dependent antibody responses by polycyclic aromatic hydrocarbons and arsenic in C57BL/6J murine spleen cells.

The effect of multigenerational diet containing genetically modified triticale on immune system in mice.

[Immunotoxic effect of herbicide simazine exposure in BALB/c mice].

[Improvement of local lymph node assay for cosmetics safety evaluation].

Allergic reaction induced by dermal and/or respiratory exposure to low-dose phenoxyacetic acid, organophosphorus, and carbamate pesticides.

Occupational exposure to metribuzin and the incidence of cancer in the Agricultural Health Study.

Patterns of immunotoxicity associated with chronic as compared with acute exposure to chemical or physical stressors and their relevance with regard to the role of stress and with regard to immunotoxicity testing.

Occupational exposure to pesticides and lymphoid neoplasms among men: results of a French case-control study.

Heterocyclic aromatic amine pesticide use and human cancer risk: results from the U.S. Agricultural Health Study.

Effects of subchronic exposure to Successor 600 (pethoxamid 600 g L⁻¹) on common carp *Cyprinus carpio*.

A review: oxidative stress in fish induced by pesticides.

Systematic review and meta-analysis of mortality in crop protection product manufacturing workers.

Staphylococcal catalase regulates its virulence and induces arthritis in catalase deficient mice.

Lymphatic and portal vein absorption of organochlorine compounds in rats.

Effects of TCDD on spermatogenesis related factor-2 (SRF-2): gene expression in *Xenopus*.

Safety assessment of leaf curl virus resistant tomato developed using viral derived sequences.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin disrupts B-cell lymphopoiesis and exacerbates autoimmune disease in 24-week-old SNF1 mice.

Effects of chronic exposure to DDT and TCDD on disease activity in murine systemic lupus erythematosus.

Cancer incidence among pesticide applicators exposed to butylate in the Agricultural Health Study (AHS).

Developmental exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin alters postnatal T cell phenotypes and T cell function and exacerbates autoimmune lupus in 24-week-old SNF1 mice.

Cancer incidence in the population exposed to dioxin after the "Seveso accident": twenty years of follow-up.

Activation of aryl hydrocarbon receptor by TCDD prevents diabetes in NOD mice and increases Foxp3⁺ T cells in pancreatic lymph nodes.

Disruption of iron homeostasis and lung disease.

Residential exposure to polychlorinated biphenyls and organochlorine pesticides and risk of childhood leukemia.

PCBs and the energy cost of migration in the European eel (*Anguilla anguilla* L.).

Neonatal exposure to low-dose 2,3,7,8-tetrachlorodibenzo-p-dioxin causes autoimmunity due to the disruption of T cell tolerance.

Possible involvement of arylhydrocarbon receptor variants in TCDD-induced thymic atrophy and XRE-dependent transcriptional activity in Wistar Hannover GALAS rats.

Functional characterization of ryanodine receptor (RYR1) sequence variants using a metabolic assay in immortalized B-lymphocytes.

Evaluation of irritancy and sensitization potential of metalworking fluid mixtures and components.

A new cross-talk between the aryl hydrocarbon receptor and RelB, a member of the NF-kappaB family.

Comparison of immunotoxicity among tetrachloro-, pentachloro-, tetrabromo- and pentabromo-dibenzo-p-dioxins in mice.

Children's immunology, what can we learn from animal studies (3): Impaired mucosal immunity in the gut by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): a possible role for allergic sensitization.

Ferric carboxymaltose: a review of its use in iron-deficiency anaemia.

Thyroid lesions in the great cormorant (*Phalacrocorax carbo*) of Niigata, central Japan: a possible association with dioxin accumulation.

Reduced arsenic clearance and increased toxicity in aquaglyceroporin-9-null mice.

Involvement of Blimp-1 and AP-1 dysregulation in the 2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated suppression of the IgM response by B cells.

Effects of prometryne on apoptosis and necrosis in thymus, lymph node and spleen in mice.

TCDD-mediated suppression of the in vitro anti-sheep erythrocyte IgM antibody forming cell response is reversed by interferon-gamma.

Treatment of mice with the Ah receptor agonist and human carcinogen dioxin results in altered numbers and function of hematopoietic stem cells.

A comparative 90-day toxicity study of allyl acetate, allyl alcohol and acrolein.

A review of the immunotoxicity of the pesticide 3,4-dichloropropionanilide.

[Effect of Atrazine on the content of calcium and expression of calmodulin in splenocytes of mice].

Interlaboratory validation of 1% pluronic I92 surfactant as a suitable, aqueous vehicle for testing pesticide formulations using the murine local lymph node assay.

Combined repeated dose and reproductive/developmental toxicity screening test of the nitrophenolic herbicide dinoseb, 2-sec-butyl-4,6-dinitrophenol, in rats.

Urinary corticosterone as an indicator of stress-mediated immunological changes in rats.

Contribution of the SitABCD, MntH, and FeoB metal transporters to the virulence of avian pathogenic *Escherichia coli* O78 strain chi7122.

Thyme and cinnamon extracts induce anion secretion in piglet small intestine via cholinergic pathways.

Development of a modified in vitro skin absorption method to study the epidermal/dermal disposition of a contact allergen in human skin.

Characterization of adducts formed in reactions of acrolein with thymidine and calf thymus DNA.

Abnormal liver development and resistance to 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in mice carrying a mutation in the DNA-binding domain of the aryl hydrocarbon receptor.

Perinatal TCDD exposure and the adult onset of autoimmune disease.

An enhanced postnatal autoimmune profile in 24 week-old C57BL/6 mice developmentally exposed to TCDD.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on heme oxygenase-1, biliverdin IXalpha reductase and delta-aminolevulinic acid synthetase 1 in rats with wild-type or variant AH receptor.

Protective effects of GH and IGF-I against iron-induced lipid peroxidation in vivo.

Fibronectin promotes cell proliferation of human pre-B cell line via its interactions with VLA-4 and VLA-5.

Evaluation of tumour promoting potency of fish borne toxaphene residues, as compared to technical toxaphene and UV-irradiated toxaphene.

Arsenic interferes with the signaling transduction pathway of T cell receptor activation by increasing basal and induced phosphorylation of Lck and Fyn in spleen cells.

Mid-gestation exposure of C57BL/6 mice to 2,3,7,8-tetrachlorodibenzo-p-dioxin causes postnatal morphologic changes in the spleen and liver.

Occupational risk factors for non-Hodgkin's lymphoma: a population-based case-control study in Northern Germany.

Mortality in a population exposed to dioxin after the Seveso, Italy, accident in 1976: 25 years of follow-up.

Relative potency based on hepatic enzyme induction predicts immunosuppressive effects of a mixture of PCDDS/PCDFS and PCBS.

The aryl hydrocarbon receptor affects distinct tissue compartments during ontogeny of the immune system.

TCDD exposure exacerbates atopic dermatitis-related inflammation in NC/Nga mice.

Identification and biochemical characterization of a novel ryanodine receptor gene mutation associated with malignant hyperthermia.

Arsenite-induced thymus atrophy is mediated by cell cycle arrest: a characteristic downregulation of E2F-related genes revealed by a microarray approach.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin administration and high-fat diet on the body weight and hepatic estrogen metabolism in female C3H/HeN mice.

[Gene cloning, sequence analysis and tissue expression of estrogen-related receptor alpha (Erralpha) in Japanese medaka and its transcriptional responses after differential EDCs exposure].

2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated impairment of B cell differentiation involves dysregulation of paired box 5 (Pax5) isoform, Pax5a.

Mdm2 as a sensitive and mechanistically informative marker for genotoxicity induced by benzo[a]pyrene and dibenzo[a,l]pyrene.

Determination of toxicity of subacute treatment of some plant growth regulators on rats.

Nucleobase-dependent reactivity of a quinone metabolite of pentachlorophenol.

Combined effects of herbicides on biomarkers reflecting immune-endocrine interactions in goldfish. Immune and antioxidant effects.

Cancer incidence and mortality in a New Zealand community potentially exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin from 2,4,5-trichlorophenoxyacetic acid manufacture.

A fluorescence-based screening assay for DNA damage induced by genotoxic industrial chemicals.

The HcaR regulatory protein of *Photobacterium luminescens* affects the production of proteins involved in oxidative stress and toxemia.

The skin sensitization potential of resorcinol: experience with the local lymph node assay.

Adipokinetic hormone-induced enhancement of antioxidant capacity of *Pyrrhocoris apterus* hemolymph in response to oxidative stress.

20-Hydroxyecdysone prevents oxidative stress damage in adult *Pyrrhocoris apterus*.

Is the titer of adipokinetic peptides in *Leptinotarsa decemlineata* fed on genetically modified potatoes increased by oxidative stress?

Household exposure to pesticides and risk of childhood hematopoietic malignancies: The ESCALE study (SFCE).

The aryl hydrocarbon receptor is required for optimal resistance to *Listeria monocytogenes* infection in mice.

Pathogenesis of aryl hydrocarbon receptor-mediated development of lymphoma is associated with increased cyclooxygenase-2 expression.

Oral sodium chlorate, topical disinfection, and younger weaning age reduce *Salmonella enterica* shedding in pigs.

Experimental investigation of the role of endothelin-1 in idiopathic portal hypertension.

Zinc supplementation of pregnant rats with adequate zinc nutrition suppresses immune functions in their offspring.

Effects of various pesticides on human 5alpha-reductase activity in prostate and LNCaP cells.

Internal dose-effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in gonadotropin-primed weanling rat model.

Uncoupling of oxidative phosphorylation enables *Candida albicans* to resist killing by phagocytes and persist in tissue.

Role of dioxin response element and nuclear factor-kappaB motifs in 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated regulation of Fas and Fas ligand expression.

ATF4-dependent oxidative induction of the DNA repair enzyme Ape1 counteracts arsenite cytotoxicity and suppresses arsenite-mediated mutagenesis.

Identification of phenolic dermal sensitizers in a wound closure tape.

Aryl hydrocarbon receptor splice variants in the dioxin-resistant rat: tissue expression and transactivational activity.

SCL-GFP transgenic zebrafish: in vivo imaging of blood and endothelial development and identification of the initial site of definitive hematopoiesis.

Concentration and distribution of dioxins and related compounds in human tissues.

Laminin and a *Plasmodium* ookinete surface protein inhibit melanotic encapsulation of Sephadex beads in the hemocoel of mosquitoes.

Single high dose dexamethasone treatment decreases the pathological score and increases the survival rate of paraquat-intoxicated rats.

Introduction of cAMP and establishment of neutral lipids alterations as pollution biomarkers using the mussel *Mytilus galloprovincialis*. Correlation with a battery of biomarkers.

Evidence for a novel endocrine disruptor: the pesticide propanil requires the ovaries and steroid synthesis to enhance humoral immunity.

Cancer incidence among pesticide applicators exposed to cyanazine in the agricultural health study.

NTP Technical Report on the comparative toxicity studies of allyl acetate (CAS No. 591-87-7), allyl alcohol (CAS No. 107-18-6) and acrolein (CAS No. 107-02-8) administered by gavage to F344/N rats and B6C3F1 mice.

Evaluation of an ex vivo murine local lymph node assay: multiple endpoint comparison.

Immunomodulatory effects of maternal atrazine exposure on male Balb/c mice.

DNA damage and repair in haemolymph cells of golden mussel (*Limnoperna fortunei*) exposed to environmental contaminants.

Paternal occupational exposure to pesticides or herbicides as risk factors for cancer in children and young adults: a case-control study from the North of England.

Advantage of using CBA/N strain mice in a non-radioisotopic modification of the local lymph node assay.

Delayed occurrence of H-ras12V-induced hepatocellular carcinoma with long-term treatment with cinnamaldehydes.

Formation of acrolein adducts with 2'-deoxyadenosine in calf thymus DNA.

MicroRNA responses to cellular stress.

Coexistence of megaloblastic anemia and iron deficiency anemia in a young woman with chronic lymphocytic thyroiditis.

Exposure to non-arsenic pesticides is associated with lymphoma among farmers in Spain.

Cancer and pesticides: an overview and some results of the Italian multicenter case-control study on hematolymphopoietic malignancies.

The therapeutic effect of tissue cultured root of wild *Panax ginseng* C.A. Mayer on spermatogenic disorder.

Ah receptor: dioxin-mediated toxic responses as hints to deregulated physiologic functions.

Molluscicidal effect of fenitrothion and anilofos on *Lymnaea natalensis* and *Biomphalaria alexandrina* snails and on the free larval stages of *Schistosoma mansoni*.

The constitutively active Ah receptor (CA-Ahr) mouse as a potential model for dioxin exposure--effects in vital organs.

A potential endogenous ligand for the aryl hydrocarbon receptor has potent agonist activity in vitro and in vivo.

Evaluation of subchronic inhalation toxicity of dimethyl disulfide in rats.

The dioxin receptor is silenced by promoter hypermethylation in human acute lymphoblastic leukemia through inhibition of Sp1 binding.

Enhanced expression of plasma glutathione peroxidase in the thymus of mice treated with TCDD and its implication for TCDD-induced thymic atrophy.

Functional properties of ryanodine receptors carrying three amino acid substitutions identified in patients affected by multi-minicore disease and central core disease, expressed in immortalized lymphocytes.

A dose-response study of the effects of prenatal and lactational exposure to TCDD on the immune response to influenza a virus.

Synergism in immunotoxicological effects due to repeated combined administration of arsenic and lead in mice.

Lymphoid leukaemia in a saker falcon.

Genetic differences in lethality of newborn mice treated in utero with coplanar versus non-coplanar hexabromobiphenyl.

CXCL12 is displayed by rheumatoid endothelial cells through its basic amino-terminal motif on heparan sulfate proteoglycans.

Potential of apoptosis by heat stress plus pesticide exposure in stress resistant human B-lymphoma cells and its attenuation through interaction with follicular dendritic cells: role for c-Jun N-terminal kinase signaling.

De novo expression of MECA-79 glycoprotein-determinant on developing B lymphocytes in gut-associated lymphoid tissues.

A study of soluble HLA-G1 protecting porcine endothelial cells against human natural killer cell-mediated cytotoxicity.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on leukocyte function-associated antigen-1 mediated splenocyte adhesion.

Effects of 2,3,7,8-tetrachloro-dibenzo-p-dioxin on the extracellular matrix of the thymus in juvenile marmosets (*Callithrix jacchus*).

Toxicology and carcinogenesis studies of a mixture of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (Cas No. 1746-01-6), 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4), and 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) in female Harlan Sprague-Dawley rats (gavage studies).

Gene expression alterations in immune system pathways following exposure to immunosuppressive chemicals.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (gavage studies).

Case report: Hydroquinone and/or glutaraldehyde induced acute myeloid leukaemia?

PACAP receptor (PAC1-R) expression in rat and rhesus monkey thymus.

Systemic and myelotoxic effects of single administration of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

Pesticide mixtures, endocrine disruption, and amphibian declines: are we underestimating the impact?

Acute effects of 3,4-dichloroaniline on biomarkers and spleen histology of the common goby *Pomatoschistus microps*.

Sensitising potential of four textile dyes and some of their metabolites in a modified local lymph node assay.

Constitutive activation of the aryl hydrocarbon receptor in T-lineage cells induces thymus involution independently of the Fas/Fas ligand signaling pathway.

Negative association between serum dioxin level and oxidative DNA damage markers in municipal waste incinerator workers.

Organic Chemicals Adsorbed onto Diesel Exhaust Particles Directly Alter the Differentiation of Fetal Thymocytes Through Arylhydrocarbon Receptor but Not Oxidative Stress Responses.

Oxidation and methylation status determine the effects of arsenic on the mitotic apparatus.

Antioxidant and hepatoprotective effects of *Eucalyptus maculata*.

Effect of 2,4-dichlorophenoxyacetic acid on the activities of some metabolic enzymes for generating pyridine nucleotide pool of cells from mouse liver.

The polysaccharide antibody response after *Streptococcus pneumoniae* vaccination is differentially enhanced or suppressed by 3,4-dichloropropionanilide and 2,4-dichlorophenoxyacetic acid.

Immunotoxic effects of short-term atrazine exposure in young male C57BL/6 mice.

Oral exposure to atrazine modulates cell-mediated immune function and decreases host resistance to the B16F10 tumor model in female B6C3F1 mice.

Drug-induced hypersensitivity syndrome due to cyanamide associated with multiple reactivation of human herpesviruses.

Induction of cytotoxicity, aldehydic DNA lesions, and poly(ADP-ribose) polymerase-1 activation by catechol derivatives of pentachlorophenol in calf thymus DNA and in human breast cancer cells.

Characterization of thymic atrophy and the mechanism of thymocyte depletion after in vivo exposure to a mixture of herbicides.

Modeling and predicting stress-induced immunosuppression in mice using blood parameters.

Development of a method for quantification of acrolein-deoxyguanosine adducts in DNA using isotope dilution-capillary LC/MS/MS and its application to human brain tissue.

The epidemiology of non-Hodgkin lymphoma.

Synthesis and biodistribution of (11)C-GW7845, a positron-emitting agonist for peroxisome proliferator-activated receptor- γ .

Cutting edge: activation of the aryl hydrocarbon receptor by 2,3,7,8-tetrachlorodibenzo-p-dioxin generates a population of CD4⁺ CD25⁺ cells with characteristics of regulatory T cells.

NF- κ B and not the MAPK signaling pathway regulates GADD45 β expression during acute inflammation.

Common viral infection affects pentabrominated diphenyl ether (PBDE) distribution and metabolic and hormonal activities in mice.

[Mortality for non-Hodgkin lymphoma and soft-tissue sarcoma in the surrounding area of an urban waste incinerator. Campi Bisenzio (Tuscany, Italy) 1981-2001].

Recovery from iron deficiency in rats by the intake of recombinant yeast producing human H-ferritin.

Effects of PCB 126 on primary immune organs and thymocyte apoptosis in chicken embryos.

Gastric hamartomatous tumours in a transgenic mouse model expressing an activated dioxin/Ah receptor.

Aryl hydrocarbon receptor-dependent liver development and hepatotoxicity are mediated by different cell types.

How does human stem cell therapy influence gene expression after liver injury? Microarray evaluation on a rat model.

A cyclic adenosine 3',5'-monophosphate stimulates phospholipase C γ 1-calcium signaling via the activation of tyrosine kinase in boar spermatozoa.

The development of a physiologically-based pharmacokinetic model using the distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the tissues of the eastern oyster (*Crassostrea virginica*).

Human cordonal stem cell intraperitoneal injection can represent a rescue therapy after an acute hepatic damage in immunocompetent rats.

Localization and differential activity of P-glycoprotein in the bovine olfactory and nasal respiratory mucosae.

Tetrachlorodibenzo-p-Dioxin (TCDD) Inhibits Differentiation and Increases Apoptotic Cell Death of Precursor T-Cells in the Fetal Mouse Thymus.

3D molecular modeling, free radical modulating and immune cells signaling activities of the novel peptidomimetic L-glutamyl-histamine: possible immunostimulating role.

Constitutively active aryl hydrocarbon receptor expressed specifically in T-lineage cells causes thymus involution and suppresses the immunization-induced increase in splenocytes.

A carbohydrate fraction, AIP1, from *Artemisia iwayomogi* down-regulates Fas gene expression and suppresses apoptotic death of the thymocytes induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Photodecomposition of retinyl palmitate in ethanol by UVA light-formation of photodecomposition products, reactive oxygen species, and lipid peroxides.

Differential signatures of protein expression in marmoset liver and thymus induced by single-dose TCDD treatment.

[Dioxin, poisoning information or brainwashing? On Seveso's and Yushchenko's acne].

2,3,7,8-tetrachlorodibenzo-p-dioxin enhances negative selection of T cells in the thymus but allows autoreactive T cells to escape deletion and migrate to the periphery.

Field and semifield evaluation of impacts of transgenic canola pollen on survival and development of worker honey bees.

Chlorpropham-induced splenotoxicity and its recovery in rats.

[Use of peptide bioregulators in intoxication with the herbicide 2,4-dichlorophenoxyacetic acid].

Protein binding and metabolism influence the relative skin sensitization potential of cinnamic compounds.

Genotoxicity evaluation of pesticide formulations containing alachlor and atrazine in multiple mouse tissues (blood, kidney, liver, bone marrow, spleen) by comet assay.

Effects of environmental concentrations of atrazine on hemocyte density and phagocytic activity in the pond snail *Lymnaea stagnalis* (Gastropoda, Pulmonata).

Vanin-1^{-/-} mice exhibit a glutathione-mediated tissue resistance to oxidative stress.

Cancer incidence among pesticide applicators exposed to alachlor in the Agricultural Health Study.

Evaluation of relative potencies of PCB126 and PCB169 for the immunotoxicities in ovalbumin (OVA)-immunized mice.

Microarray analysis of gene regulation in the Hepa1c1c7 cell line following exposure to the DNA methylation inhibitor 5-aza-2'-deoxycytidine and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Protective effects of vitamin A and vitamin E succinate against 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced body wasting, hepatomegaly, thymic atrophy, production of reactive oxygen species and DNA damage in C57BL/6J mice.

Arsenic-induced alterations in the contact hypersensitivity response in Balb/c mice.

Cyp1a1^(-/-) male mice: protection against high-dose TCDD-induced lethality and wasting syndrome, and resistance to intrahepatocyte lipid accumulation and uroporphyrinuria.

Agricultural pesticide use, familial cancer, and risk of non-Hodgkin lymphoma.

Persistent suppression of contact hypersensitivity, and altered T-cell parameters in F344 rats exposed perinatally to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

In vitro DNA damage by arsenic compounds in a human lymphoblastoid cell line (TK6) assessed by the alkaline Comet assay.

Geldanamycin and herbimycin A induce apoptotic killing of B chronic lymphocytic leukemia cells and augment the cells' sensitivity to cytotoxic drugs.

Activation of the aryl hydrocarbon receptor diminishes the memory response to homotypic influenza virus infection but does not impair host resistance.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on maternal immune response during pregnancy.

The transepithelial voltage of the isolated anterior stomach of mosquito larvae (*Aedes aegypti*): pharmacological characterization of the serotonin-stimulated cells.

Developmental exposure to the potent aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin Impairs the cell-mediated immune response to infection with influenza A virus, but enhances elements of innate immunity.

Enzyme-linked immunosorbent assay for monitoring toxic dioxin congeners in milk based on a newly generated monoclonal anti-dioxin antibody.

CYP1A2 is not required for 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immunosuppression.

Quantitative analysis of cresol and its metabolites in biological materials and distribution in rats after oral administration.

Combined screening of thymocytes using apoptosis-specific cDNA array and promoter analysis yields novel gene targets mediating TCDD-induced toxicity.

Evidence for induction of apoptosis in T cells from murine fetal thymus following perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Modeling and predicting immunological effects of chemical stressors: characterization of a quantitative biomarker for immunological changes caused by atrazine and ethanol.

Assessment of statistic analysis in non-radioisotopic local lymph node assay (non-RI-LLNA) with alpha-hexylcinnamic aldehyde as an example.

Immune alterations in mice exposed to the herbicide simazine.

[Correction of immunodeficiency status caused by herbicide 2,4-D in experiment].

Assessment of cumulative allergen-activated lymph node cell proliferation using flow cytometry.

Carcinogenicity of dimethylarsinic acid in p53 heterozygous knockout and wild-type C57BL/6J mice.

Link found between Agent Orange and chronic lymphocytic leukaemia.

[Glyphosate--a non-toxic pesticide?].

[Comparative analysis of disorders in duodenal lymphoid tissue of mice treated with azathioprine and herbicide 2,4-dichlorophenoxyacetic acid and their correction by plant and animal origin remedies].

Quantitation of aberrant interlocus T-cell receptor rearrangements in mouse thymocytes and the effect of the herbicide 2,4-dichlorophenoxyacetic acid.

Formation of acrolein-derived 2'-deoxyadenosine adduct in an iron-induced carcinogenesis model.

Tolerogenic role of Kupffer cells in allergic reactions.

T cell receptor transgenic mice provide novel insights into understanding cellular targets of TCDD: suppression of antibody production, but not the response of CD8(+) T cells, during infection with influenza virus.

Cell proliferation arrest within intrathymic lymphocyte progenitor cells causes thymic atrophy mediated by the aryl hydrocarbon receptor.

T cell-specific disruption of arylhydrocarbon receptor nuclear translocator (Arnt) gene causes resistance to 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced thymic involution.

2,3,7,8-tetrachlorodibenzo-p-dioxin selectively enhances spontaneous IgE production in B cells from atopic patients.

FLT3 expressing leukemias are selectively sensitive to inhibitors of the molecular chaperone heat shock protein 90 through destabilization of signal transduction-associated kinases.

Embryonic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in chickens: effects of dose and embryonic stage on hatchability and growth.

Dermal exposure to 3-amino-5-mercapto-1,2,4-triazole (AMT) induces sensitization and airway hyperreactivity in BALB/c mice.

Allergenicity evaluation of p-chloro-m-cresol and p-chloro-m-xylene by non-radioactive murine local lymph-node assay and multiple-dose guinea pig maximization test.

Examining the relationship between impaired host resistance and altered immune function in mice treated with TCDD.

Effects of agricultural pesticides on the immune system of *Rana pipiens* and on its resistance to parasitic infection.

Methylated metabolites of arsenic trioxide are more potent than arsenic trioxide as apoptotic but not differentiation inducers in leukemia and lymphoma cells.

Functional alterations in CD11b(+)Gr-1(+) cells in mice injected with allogeneic tumor cells and treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Dose-response analysis of short-term effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in three differentially susceptible rat lines.

Effect of lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on the susceptibility to *Listeria* infection.

Resistance to 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity and abnormal liver development in mice carrying a mutation in the nuclear localization sequence of the aryl hydrocarbon receptor.

Evidence for a role of p38 kinase in hypoxia-inducible factor 1-independent induction of vascular endothelial growth factor expression by sodium arsenite.

Aryl hydrocarbon receptor (AhR) agonists suppress interleukin-6 expression by bone marrow stromal cells: an immunotoxicology study.

TCDD-induced apoptosis in EL-4 cells deficient of the aryl hydrocarbon receptor and down-regulation of IGFBP-6 prevented the apoptotic cell death.

Formation of DNA adducts in HL-60 cells treated with the toluene metabolite p-cresol: a potential biomarker for toluene exposure.

Chemiluminescence response of beta-glucan stimulated leukocytes isolated from different tissues and peritoneal cavity of *Dicentrarchus labrax*.

Effects of early embryonal exposure to dexamethasone on malformations of neural-crest derivatives induced by nitrofen in rats.

Effects of vitamin A on malformations of neural-crest-controlled organs induced by nitrofen in rats.

[Genotoxic effect of PCP and lindane on human epithelial tonsil cells].

Incidence of CTCL in Vietnam veterans.

Effects of paraquat on essential antioxidant elements in osteogenic disorder Shionogi rat.

Evaluation of a 15-day screening assay using intact male rats for identifying antiandrogens.

Chemokine-independent preference for T-helper-1 cells in transendothelial migration.

Immunologic effects of dioxin: new results from Seveso and comparison with other studies.

Bioavailability of caseinophosphopeptide-bound iron.

2,3,7,8-tetrachlorodibenzo-p-dioxin causes alterations in lymphocyte development and thymic atrophy in hemopoietic chimeras generated from mice deficient in ARNT2.

A study on behavioral, neurotoxicological, and immunotoxicological effects of subchronic arsenic treatment in rats.

The role of Akt and RAFTK in beta1 integrin mediated survival of precursor B-acute lymphoblastic leukemia cells.

FLT3 in human hematologic malignancies.

A constitutively active dioxin/aryl hydrocarbon receptor induces stomach tumors.

Workshop report. Children as a special subpopulation: focus on immunotoxicity. Federal Institute for Health Protection of Consumers and Veterinary Medicine (BgVV), 15-16 November 2001, Berlin, Germany.

Induction of endolymphatic hydrops by directly infused monoclonal antibody against type II collagen CB11 peptide.

Effect of arsenic, cadmium and lead on the induction of apoptosis of normal human mononuclear cells.

Differential activation of the c-Jun N-terminal kinase pathway in arsenite-induced apoptosis and sensitization of chemically resistant compared to susceptible B-lymphoma cell lines.

Angiopoietin-1 and VEGF in vascular development and angiogenesis in hypoplastic lungs.

Flavopiridol inhibits vascular endothelial growth factor production induced by hypoxia or picolinic acid in human neuroblastoma.

Structure-activity relationships and dose responses of polychlorinated dibenzo-p-dioxins for short-term effects in 2,3,7,8-tetrachlorodibenzo-p-dioxin-resistant and -sensitive rat strains.

Increased vascular endothelial growth factor peptide and gene expression in hypoplastic lung in nitrofen induced congenital diaphragmatic hernia in rats.

Proinflammatory and Th1 cytokine alterations following ultraviolet radiation enhancement of disease due to influenza infection in mice.

An autopsy case of poisoning by massive absorption of cresol a short time before death.

Up-regulated expression of genes encoding Hrk and IL-3R beta subunit by TCDD in vivo and in vitro.

Dioxin-induced adseverin expression in the mouse thymus is strictly regulated and dependent on the aryl hydrocarbon receptor.

Effects of reactive oxygen species on lymphokine-activated killer cells in patients with bladder cancer.

[Acute effects of methyl bromide gas in rats and mice--studies on survival time].

Obligatory requirement of sulfation for P-selectin binding to human salivary gland carcinoma Acc-M cells and breast carcinoma ZR-75-30 cells.

Association between chronic exposure to pesticides and recorded cases of human malignancy in Gaza Governorates (1990-1999).

Dioxin in infants--an environmental hazard?

Recent advances in understanding the mechanisms of TCDD immunotoxicity.

Mechanism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced decrease in anti-CD3-activated CD4(+) T cells: the roles of apoptosis, Fas, and TNF.

Bioavailability of the isomer mixture of phytoene and phytofluene-rich alga *Dunaliella bardawil* in rat plasma and tissues.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces Fas-dependent activation-induced cell death in superantigen-primed T cells.

Reconstitution of functional human B lymphocytes in NOD/SCID mice engrafted with ex vivo expanded CD34(+) cord blood cells.

Recognition and phagocytosis of apoptotic T cells by resident murine tissue macrophages require multiple signal transduction events.

Thyroxine reversibly inhibits the uncoupling action of protonophores on energy production in rat thymus lymphocytes.

Dioxin stimulates synthesis and secretion of IgE-dependent histamine-releasing factor.

Understanding the congener-specific toxicity in polychlorinated dibenzo-p-dioxins: chlorination pattern and molecular quadrupole moment.

Ferritin induction protects cortical astrocytes from heme-mediated oxidative injury.

Subacute toxicity of anilofos, a new organophosphorus herbicide, in male rats: effect on some physical attributes and acetylcholinesterase activity.

The effect of exposure to a commercial 2,4-D formulation during gestation on the immune response in CD-1 mice.

The suitability of hexyl cinnamic aldehyde as a calibrant for the murine local lymph node assay.

Toxic effects of the herbicide 2,4-dichlorophenoxyacetic acid on lymphoid organs of the rat.

Effects of chlorpropham (CIPC) on the hemopoietic system of rats.

Dermal exposure to cinnamaldehyde alters lymphocyte subpopulations, number of interferon-gamma-producing cells, and expression of B7 costimulatory molecules and cytokine messenger RNAs in auricular lymph nodes of B6C3F1 mice.

Biodegradation and transfer of ingested 2,4-D herbicide by a polyphagous saturniid caterpillar.

Inhibitory effect of 2'-O-benzoylcinnamaldehyde on vascular endothelial cell proliferation and migration.

T-cell-based immunity counteracts the potential toxicity of glutamate in the central nervous system.

Persistent, low-dose 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure: effect on aryl hydrocarbon receptor expression in a dioxin-resistance model.

Contribution of Mn-cofactored superoxide dismutase (SodA) to the virulence of *Streptococcus agalactiae*.

Oral administration of collagen conjugated with cholera toxin induces tolerance to type II collagen and suppresses chondritis in an animal model of autoimmune ear disease.

Hepatic vitamin A depletion is a sensitive marker of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure in four rodent species.

Suppression of allergic immune responses to house dust mite (HDM) in rats exposed to 2,3,7,8-TCDD.

Protection of the Cyp1a2(-/-) null mouse against uroporphyrin and hepatic injury following exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Chronic toxicity of dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin to mink.

Neural crest-derived defects in experimental congenital diaphragmatic hernia.

Analysis of gene expression induced by irritant and sensitizing chemicals using oligonucleotide arrays.

Method for evaluation of immunotoxicity of dioxin compounds using human T-lymphoblastic cell line, L-MAT.

Disruption of the genes for ClpXP protease in *Salmonella enterica* serovar Typhimurium results in persistent infection in mice, and development of persistence requires endogenous gamma interferon and tumor necrosis factor alpha.

Toxicity of PCB-126 in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P4501A induction in several organ systems.

Acquired resistance to Ah receptor agonists in a population of Atlantic killifish (*Fundulus heteroclitus*) inhabiting a marine superfund site: in vivo and in vitro studies on the inducibility of xenobiotic metabolizing enzymes.

Capacity of mouse mast cells to prime T cells and to induce specific antibody responses in vivo.

Aryl hydrocarbon receptor signaling plays a significant role in mediating benzo[a]pyrene- and cigarette smoke condensate-induced cytogenetic damage in vivo.

Distribution spaces for hyaluronan and albumin in rat tail tendons.

Long-lived polyclonal B-cell lines derived from midgestation mouse embryo lymphohematopoietic progenitors reconstitute adult immunodeficient mice.

Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds.

Enhanced activation-induced cell death as a mechanism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced immunotoxicity in peripheral T cells.

Allergenicity testing of supermethrin, phenoxyacetic acid and DNCB using in vivo and in vitro modifications of the local lymph node assays, maximization and epicutaneous testing.

Polychlorinated biphenyls, polychlorinated dibenzo-p-dioxins, and polychlorinated dibenzofurans as endocrine disrupters--what we have learned from Yusho disease.

Effects of binary mixtures of six xenobiotics on hormone concentrations and morphometric endpoints of northern bobwhite quail (*Colinus virginianus*).

Induction of direct adducts, apurinic/apyrimidinic sites and oxidized bases in nuclear DNA of human HeLa S3 tumor cells by tetrachlorohydroquinone.

Oxidative damage and direct adducts in calf thymus DNA induced by the pentachlorophenol metabolites, tetrachlorohydroquinone and tetrachloro-1,4-benzoquinone.

Aryl hydrocarbon receptor-deficient mice generate normal immune responses to model antigens and are resistant to TCDD-induced immune suppression.

The use of dogs as second species in regulatory testing of pesticides. Part II: Subacute, subchronic and chronic studies in the dog.

2,3,7,8-Tetrachlorodibenzo-p-dioxin affects the number and function of murine splenic dendritic cells and their expression of accessory molecules.

Induction of cytochrome P450 1A1 gene expression, oxidative stress, and genotoxicity by carbaryl and thiabendazole in transfected human HepG2 and lymphoblastoid cells.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of different cytotoxins on cytochrome P450 mediated monooxygenase functions and on oxidative state.

Kinetics of monochloroacetic acid in adult male rats after intravenous injection of a subtoxic and a toxic dose.

Upregulation of angiotensin-converting enzyme by vascular endothelial growth factor.

In situ hybridization and immunohistochemical analysis of cytochrome P450 1B1 expression in human normal tissues.

Metabolism of ochratoxin A: absence of formation of genotoxic derivatives by human and rat enzymes.

Cytogenetic studies of three triazine herbicides. II. In vivo micronucleus studies in mouse bone marrow.

Modeling and predicting selected immunological effects of a chemical stressor (3,4-dichloropropionanilide) using the area under the corticosterone concentration versus time curve.

Arsenic species that cause release of iron from ferritin and generation of activated oxygen.

72-kDa stress protein (hsp72) induced by administration of dimethylarsinic acid to mice accumulates in alveolar flat cells of lung, a target organ for arsenic carcinogenesis.

Increase in production of ascorbate radical in tissues of rat treated with paraquat.

In vivo cytokine production and resistance to infection after acute exposure to 3,4-dichloropropionaniline.

Subchronic toxicity of chlorpropham (CIPC) in ICR mice.

Comparison of mouse strains using the local lymph node assay.

[A cluster of doubts].

[An evaluation of the effect of 2,4-dichlorophenoxyacetic acid derivatives on humoral and cellular immunities].

Ligation of the bronchial artery in sheep attenuates early pulmonary changes following exposure to smoke.

Detection of micronuclei in haemocytes of zebra mussel and great ramshorn snail exposed to pentachlorophenol.

Genetic variation of basal iron status, ferritin and iron regulatory protein in mice: potential for modulation of oxidative stress.

A new diquat derivative appropriate for colourimetric measurements of biological materials in the presence of paraquat.

[The ultrastructural changes in the cellular lining of lymph node sinuses in organochlorine pesticide poisoning].

Sensitivity of the SRBC PFC assay versus ELISA for detection of immunosuppression by TCDD and TCDD-like congeners.

The mercapturic acid biotransformation pathway of hexachlorobenzene is not involved in the induction of splenomegaly, or skin and lung lesions in the Brown Norway rat.

Lung hypoplasia in the nitrofen model of congenital diaphragmatic hernia occurs early in development.

The effects of perinatal exposure to low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin on immune organs in rats.

Differential effects of diethylstilbestrol and 2,3,7,8-tetrachlorodibenzo-p-dioxin on thymocyte differentiation, proliferation, and apoptosis in bcl-2 transgenic mouse fetal thymus organ culture.

Fewer T lymphocytes and decreased pulmonary influenza virus burden in mice exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Redistribution of accumulated 2,3,7,8-tetrachlorodibenzo-p-dioxin during coxsackievirus B3 infection in the mouse.

Radial arm maze performance in rats following gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Soft-tissue sarcoma and non-Hodgkin's lymphoma clusters around a municipal solid waste incinerator with high dioxin emission levels.

Quantitative analysis of tyrosinase transcripts in blood.

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) suppresses the humoral and cell-mediated immune responses to influenza A virus without affecting cytolytic activity in the lung.

Mobilization of vitamin A stores in rats after administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin: a kinetic analysis.

Transfer factors: identification of conserved sequences in transfer factor molecules.

Non-carcinogenic effects of TCDD in animals.

[Epidemiology and geo-pathology of malignant lymphomas with special emphasis on Japanese lymphomas].

Effect of iron salts, haemosiderins, and chelating agents on the lymphocytes of a thalassaemia patient without chelation therapy as measured in the comet assay.

Linking environmental cancer with occupational epidemiology research: the role of the International Agency for Research on Cancer (IARC).

Sodium arsenite induces the stress response in the gut and decreases bacterial translocation in a burned mouse model with gut-derived sepsis.

Cytokine-inducing activity and antitumor effect of a liposome-incorporated interferon-gamma-inducing molecule derived from OK-432, a streptococcal preparation.

Effects of iron salts and haemosiderin from a thalassaemia patient on oxygen radical damage as measured in the comet assay.

Monomethylarsonic acid reductase and monomethylarsonous acid in hamster tissue.

Chronic toxicity of arsenic in goats: clinicobiochemical changes, pathomorphology and tissue residues.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of different cytotoxins on cytochrome P450 isoforms expression and on glycogen content.

Developmental and tissue-specific expression of AHR1, AHR2, and ARNT2 in dioxin-sensitive and -resistant populations of the marine fish *Fundulus heteroclitus*.

Toxicity of TCDD in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P450 1A induction in several organ systems.

Pathologic alterations in adult rainbow trout, *Oncorhynchus mykiss*, exposed to dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Pathological lesions in lambs fed raw or processed cottonseed meal.

Effects of VEGF on Ca(2+)-transient in cultured lymphatic endothelial cells and mechanical activity of isolated lymph vessels.

Pathological changes of hepatic artery and portal vein, after allyl-alcohol and carbon tetrachloride administration. An experimental study.

Cloning and functional characterization of the bile acid-sensitive methotrexate carrier from rat liver cells.

Oxidative stress in female B6C3F1 mice following acute and subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Hemopoietic progenitor cells are sensitive targets of 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57BL/6J mice.

TCDD induces CYP1A4 and CYP1A5 in chick liver and kidney and only CYP1A4, an enzyme lacking arachidonic acid epoxygenase activity, in myocardium and vascular endothelium.

Toxicology of environmental chemicals in the flounder (*Platichthys flesus*) with emphasis on the immune system: field, semi-field (mesocosm) and laboratory studies.

trans-Activation of PPARalpha and PPARgamma by structurally diverse environmental chemicals.

Fragrance and contact allergens in vitro modulate the HLA-DR and E-cadherin expression on human epidermal Langerhans cells.

Cigarette smoke induces direct DNA damage in the human B-lymphoid cell line Raji.

Glutathione antagonized cyclophosphamide- and acrolein-induced cytotoxicity of PC3 cells and immunosuppressive actions in mice.

Dioxin exposure and human leukemias and lymphomas. Lessons from the Seveso accident and studies on industrial workers.

Ethanol has differential effects on rat neuron and thymocyte reactive oxygen species levels and cell viability.

Thymocyte development in Ah-receptor-deficient mice is refractory to TCDD-inducible changes.

Effect of prenatal exposure to TCDD on the promotion of endometriotic lesion growth by TCDD in adult female rats and mice.

Effects of PCB 126 on primary immune organ development in chicken embryos.

Role of Fas-Fas ligand interactions in 2,3,7,8-tetrachlorodibenzo- p-dioxin (TCDD)-induced immunotoxicity: increased resistance of thymocytes from Fas-deficient (*lpr*) and Fas ligand-defective (*gld*) mice to TCDD-induced toxicity.

Effect of a single or repeated dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on T cell subpopulations in the Long-Evans rat.

Cyclic nucleotide phosphodiesterases (PDE) 3 and 4 in normal, malignant, and HTLV-I transformed human lymphocytes.

Long term substitution and specific immune responses after transfer of bovine peripheral blood lymphocytes into severe combined immunodeficient mice.

MHC-I-induced apoptosis in human B-lymphoma cells is dependent on protein tyrosine and serine/threonine kinases.

Effects of aging on resistance to *Trichinella spiralis* infection in rodents exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Small handbook of dioxin et alias].

Arsenic-related Bowen's disease, palmar keratosis, and skin cancer.

A monoclonal antibody reactive with a 40-kDa molecule on fetal thymocytes and tumor cells blocks proliferation and stimulates aggregation and apoptosis.

Differential toxicities of TCDD in vivo among normal, c-src knockout, geldanamycin- and quercetin-treated mice.

PUVA (8-methoxy-psoralen plus ultraviolet A) induces the formation of 8-hydroxy-2'-deoxyguanosine and DNA fragmentation in calf thymus DNA and human epidermoid carcinoma cells.

p27(Kip1) induction and inhibition of proliferation by the intracellular Ah receptor in developing thymus and hepatoma cells.

Persistent suppression of delayed-type hypersensitivity in adult F344 rats after perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Toxicity of 3,3',4,4'-tetrachloroazoxybenzene in rats and mice.

Toxicity of 3,3',4,4'-tetrachloroazobenzene in rats and mice.

Low levels of p53 are associated with resistance to tetrachlorodibenzo-p-dioxin toxicity in DBA/2 mice.

Ex vivo evaluation of a Taylor-Couette flow, immobilized heparinase I device for clinical application.

Cytochrome P450 CYP1B1 determines susceptibility to 7, 12-dimethylbenz[a]anthracene-induced lymphomas.

Novel phenotype associated with in vivo activated CTL precursors.

Cellular and molecular characterization of the scurfy mouse mutant.

Establishment of a double Philadelphia chromosome-positive acute lymphoblastic leukemia-derived cell line, TMD5: effects of cytokines and differentiation inducers on growth of the cells.

Effective treatment of murine leukemia with antisense poly-2'O-(2,4-dinitrophenyl)-oligoribonucleotides.

Hodgkin's disease, work, and the environment. A review.

Effects of phenolic antioxidants and flavonoids on DNA synthesis in rat liver, spleen, and testis in vitro.

Reversible alteration of morphology in an invertebrate erythrocyte: properties of the natural inducer and the cellular response.

Vascular endothelial growth factor activates MAP kinase and enhances collagen synthesis in human mesangial cells.

Bone marrow stromal cell cytochrome P4501B1 is required for pre-B cell apoptosis induced by 7,12-dimethylbenz[a]anthracene.

Molecular cloning and characterization of a hemolymph clottable protein from tiger shrimp (*Penaeus monodon*).

Polychlorinated biphenyl mixtures (Aroclors) inhibit LPS-induced murine splenocyte proliferation in vitro.

Role of glutathione and reactive oxygen intermediates in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immune suppression in C57Bl/6 mice.

VEGF stimulates tyrosine phosphorylation of beta-catenin and small-pore endothelial barrier dysfunction.

Identification and immunolocalization of two isoforms of ATP-diphosphohydrolase (ATPDase) in the pig immune system.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of various mitogens and cytotoxins on cytochrome P450 (P450) isoforms expression and on P450 mediated monooxygenase functions.

Cellular signalling and free-radical modulating activities of the novel peptidomimetic L-glutamyl-histamine.

Structural analysis of angiotensin IV receptor (AT4) from selected bovine tissues.

Sequences within fibrinogen and intercellular adhesion molecule-1 (ICAM-1) modulate signals required for mitogenesis.

Heparinase treatment of bovine smooth muscle cells inhibits fibroblast growth factor-2 binding to fibroblast growth factor receptor but not FGF-2 mediated cellular proliferation.

Ah receptor and NF-kappaB interactions, a potential mechanism for dioxin toxicity.

Chronic dietary toxicity study on 2,4-dichlorophenoxybutyric acid in the dog.

Incidence rates of lymphomas and environmental measurements of phenoxy herbicides: ecological analysis and case-control study.

Inhibitors of branched-chain amino acid biosynthesis as potential antituberculosis agents.

Lack of mammalian mutagenicity of the potent bacterial mutagen tris(2,3-dibromopropyl) phosphate and its metabolite 2-bromoacrolein.

Temporal stability of local lymph node assay responses to hexyl cinnamic aldehyde.

Exposure to Agent Orange and occurrence of soft-tissue sarcomas or non-Hodgkin lymphomas: an ongoing study in Vietnam.

[An Italian multicenter case-control study on malignant neoplasms of the hematolymphopoietic system. Hypothesis and preliminary results on work-related risks. WILL (Working Group on Hematolymphopoietic Malignancies in Italy)].

Effects of edifenphos and glyphosate on the immune response and protein biosynthesis of boliti fish (*Tilapia nilotica*).

Effect of 2,4-dichlorophenoxyacetic acid, trifluralin and triallate herbicides on immune function.

Effect of pentachlorophenol on immune function.

S-oxygenation of thiourea results in the formation of genotoxic products.

Molecular and functional characterization of *Salmonella enterica* serovar typhimurium *poxA* gene: effect on attenuation of virulence and protection.

The Ah receptor is not involved in 2,3,7,8-tetrachlorodibenzo- p-dioxin-mediated apoptosis in human leukemic T cell lines.

Benzo[a]pyrene enhances the formation of 8-hydroxy-2'-deoxyguanosine by ultraviolet A radiation in calf thymus DNA and human epidermoid carcinoma cells.

Use of model-based compartmental analysis to study effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on vitamin A kinetics in rats.

Overexpression of the anti-apoptotic oncogene, *bcl-2*, in the thymus does not prevent thymic atrophy induced by estradiol or 2,3,7, 8-tetrachlorodibenzo-p-dioxin.

Thymic alterations induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin are strictly dependent on aryl hydrocarbon receptor activation in hemopoietic cells.

The Seveso studies on early and long-term effects of dioxin exposure: a review.

Role of altered arachidonic acid metabolism in 2,3,7, 8-tetrachlorodibenzo-p-dioxin-induced immune suppression in C57Bl/6 mice.

Differential display of genes in normal and hypoplastic fetal murine lungs.

Characterization of the effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in B6C3F1 and DBA/2 mice following single and repeated exposures.

2,3,7,8-Tetrachlorodibenzo-p-dioxin co-stimulates staphylococcal enterotoxin beta (SEB) cytokine production and phenotypic cell cycling in Long-Evans rats.

Lipopolysaccharide activation of murine splenocytes and splenic B cells increased the expression of aryl hydrocarbon receptor and aryl hydrocarbon receptor nuclear translocator.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the lymphatic absorption of a single oral dose of [³H]retinol and on the intestinal retinol esterification in the rat.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazoxybenzene (CAS No. 21232-47-3) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazobenzene (CAS No. 14047-09-7) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induction of cytochrome P450-dependent arachidonic acid metabolism in mouse liver microsomes: evidence for species-specific differences in responses.

Murine local lymph node assay for predictive testing of allergenicity: two irritants caused significant proliferation.

Level of HgCl₂-mediated phosphorylation of intracellular proteins determines death of thymic T-lymphocytes with or without DNA fragmentation.

2,3,7,8-Tetrachlorodibenzo-p-dioxin in pregnant Long Evans rats: disposition to maternal and embryo/fetal tissues.

Effect of protein kinase inhibitors on primary antibody induction in tissue cultures.

Analysis of gene expression in lung and thymus of TCDD treated C57BL/6 mice using differential display RT-PCR.

Cytochrome P450 catalyzed oxidation of monochlorobenzene, 1,2- and 1,4-dichlorobenzene in rat, mouse, and human liver microsomes.

Enhanced oxidative stress and altered antioxidants in brains of Bcl-2-deficient mice.

Elucidation of the amino acid sequence of a crustacean hyperglycaemic hormone from the spiny lobster, *Jasus lalandii*.

Chemotaxis of chinese hamster ovary cells expressing the human neutrophil formyl peptide receptor: role of signal transduction molecules and alpha5beta1 integrin.

Ultrastructural apoptotic lesions induced in rat thymocytes after borax ingestion.

Female Sprague-Dawley rats exposed to a single oral dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin exhibit sustained depletion of aryl hydrocarbon receptor protein in liver, spleen, thymus, and lung.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and diethylstilbestrol affect thymocytes at different stages of development in fetal thymus organ culture.

Expression of functional aromatic hydrocarbon receptor and aromatic hydrocarbon nuclear translocator proteins in murine bone marrow stromal cells.

Isolation of a novel metabolizing system enriched in phase-II enzymes for short-term genotoxicity bioassays.

Identification of a putative surfactant convertase in rat lung as a secreted serine carboxylesterase.

Vascular endothelial growth factor/vascular permeability factor enhances vascular permeability via nitric oxide and prostacyclin.

Use of c-Src and c-Fos knockout mice for the studies on the role of c-Src kinase signaling in the expression of toxicity of TCDD.

Modulation of 2,6-dinitrotoluene genotoxicity by alachlor treatment of Fischer 344 rats.

Hemotoxicity of chlorpropham (CIPC) in F344 rats.

The immunomodulatory effects of the herbicide propanil on murine macrophage interleukin-6 and tumor necrosis factor-alpha production.

Cancer mortality in workers exposed to phenoxy herbicides, chlorophenols, and dioxins. An expanded and updated international cohort study.

[Ultrastructural changes in the wall and microcirculatory bed of the small intestinal villi of rats exposed to organochlorine toxicant].

[Case-control study of hemo-lymphopietic neoplasms and exposure to pesticides in western Liguria].

Comparison of HPLC and CE for the analysis of dichlorprop in a case of intoxication.

Immunization with alum-collagen II complex suppresses the development of collagen-induced arthritis in rats by deviating the immune response.

Induction of p53 protein expression by sodium arsenite.

Thiol modulation inhibits the interleukin (IL)-1-mediated activation of an IL-1 receptor-associated protein kinase and NF-kappa B.

Promotion of enzyme altered foci in female rat 2,3,3',4,4',5-hexachlorobiphenyl.

Alterations in the developing immune system of the F344 rat after perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: II. Effects on the pup and the adult.

Alterations in the developing immune system of the F344 rat after perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin I. [correction of II]. Effects on the fetus and the neonate.

FK-506 and cyclosporin A potentiate the IgE antibody production by contact sensitization with hapten in mice.

Tumor-specific expression of cytochrome P450 CYP1B1.

Promotion of endometriosis in mice by polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: effects on development of the male and female reproductive system of the mouse.

Membrane-bound protein disulfide isomerase (PDI) is involved in regulation of surface expression of thiols and drug sensitivity of B-CLL cells.

Brief communication: childhood leukemia in a residential small town near Barcelona.

Modification of IgH PCR clonal analysis by the addition of sucrose and cresol red directly to PCR reaction mixes.

Opposite effects of 2,2',4,4',5,5'-hexachlorobiphenyl and 2,3,7,8-tetrachlorodibenzo-p-dioxin on the antibody response to sheep erythrocytes in mice.

Mortality among Army Chemical Corps Vietnam veterans.

Altered in vivo toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C-SRC deficient mice.

CD40-triggered protein tyrosine phosphorylation on Vav and on phosphatidylinositol 3-kinase correlates with survival of the Ramos-Burkitt lymphoma B cell line.

Cancer mortality among rice growers in Novara Province, northern Italy.

Involvement of altered B7 expression in dioxin immunotoxicity: B7 transfection restores the CTL but not the autoantibody response to the P815 mastocytoma.

Pulmonary expression of vascular endothelial growth factor and myosin isoforms in rats with congenital diaphragmatic hernia.

[Complete remission achieved by L-asparaginase, vincristine and prednisolone (LVP) therapy in secondary leukemia (M5a type) with an MLL gene rearrangement].

Oxygen- and dioxin-regulated gene expression in mouse hepatoma cells.

Sulfated sialyl Lewis X, the putative L-selectin ligand, detected on endothelial cells of high endothelial venules by a distinct set of anti-sialyl Lewis X antibodies.

Cytokines (IL-1beta and TNFalpha) in relation to biochemical and immunological effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats.

T-cell receptor-mediated signal transduction in transformed human T-cells.

Impaired cellular immune response in rats exposed perinatally to Baltic Sea herring oil or 2,3,7,8-TCDD.

Effect of subchronic 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on immune system and target gene responses in mice: calculation of benchmark doses for CYP1A1 and CYP1A2 related enzyme activities.

[Chronic diarrhea following ingestion of Tardyferon associated with lymphocytic colitis].

Oxidative and chemical stress mimic insulin by selectively inhibiting the expression of phosphoenolpyruvate carboxykinase in hepatoma cells.

Cytochrome P450 1A1 induction in rat lymphoid tissues following in vivo and in vitro exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin requires protein kinase C.

Backbone structure and dynamics of a hemolymph protein from the mealworm beetle *Tenebrio molitor*.

Mechanical stretch induces vascular permeability factor in human mesangial cells: mechanisms of signal transduction.

Differential effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin, bis(tri-n-butyltin) oxide and cyclosporine on thymus histophysiology.

Cytokine gene expression during ontogeny in murine thymus on activation of the aryl hydrocarbon receptor by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Determination of genotoxicity of the metabolites of the pesticides Guthion, Sencor, Lorox, Reglone, Daconil and Admire by ³²P-postlabeling.

Impairment of antigen-specific antibody production in transgenic mice expressing a dominant-negative form of gp130.

Activation of the aryl hydrocarbon receptor/transcription factor and bone marrow stromal cell-dependent preB cell apoptosis.

Neutrophil-mediated activation of mitoxantrone to metabolites which form adducts with DNA.

Differential effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the expression of prostaglandin-H synthase isoenzymes in mouse tissues.

Immunotoxic effects of TCDD and toxic equivalency factors.

Tumor necrosis factor beta is a major source of antibody-activated effector cells in the killing of virally infected target cells.

3,4-Dichloropropionanilide-induced atrophy of the thymus: mechanisms of toxicity and recovery.

3-Aminobenzamide: effects on cytochrome P450-dependent metabolism of chemicals and on the toxicity of dichlobenil in the olfactory mucosa.

The effect of a herbicide--sodium salt of 2,4-dichlorophenoxyacetic acid on guerin carcinoma.

Mortality in a cohort of pentachlorophenol manufacturing workers, 1940-1989.

Cancer incidence in the rural community of Tecumseh, Michigan: a pattern of increased lymphopietic neoplasms.

Induction of micronuclei in haemocytes and gill cells of zebra mussels, *Dreissena polymorpha*, exposed to clastogens.

Oxidative DNA damage induced by activation of polychlorinated biphenyls (PCBs): implications for PCB-induced oxidative stress in breast cancer.

Functional CD40 ligand expressed by human blood dendritic cells is up-regulated by CD40 ligation.

Interactive effects between 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,2',4,4',5,5'-hexachlorobiphenyl in female B6C3F1 mice: tissue distribution and tissue-specific enzyme induction.

Effects induced by feeding organochlorine-contaminated carp from Saginaw Bay, Lake Huron, to laying White Leghorn hens. II. Embryotoxic and teratogenic effects.

Incidence rates of leukemias, lymphomas and myelomas in Italy: geographic distribution and NHL histotypes.

Effects of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) injected into the yolks of chicken (*Gallus domesticus*) eggs prior to incubation.

Inhibition of TC-1 cytokine production, effector cytotoxic T lymphocyte development and alloantibody production by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Contaminant-induced immunotoxicity in harbour seals: wildlife at risk?

Diagnostic criteria for selenium toxicosis in aquatic birds: dietary exposure, tissue concentrations, and macroscopic effects.

Target cell-induced apoptosis of interleukin-2-activated human natural killer cells: roles of cell surface molecules and intracellular events.

Promotion of endometriosis by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats and mice: time-dose dependence and species comparison.

Role of decomposition products in sodium methyldithiocarbamate-induced immunotoxicity.

Circulating interleukin-2 receptors are a group of multimeric proteins with immunoreactivity for interleukin-2 receptor alpha, beta, and gamma chains.

Incidence and time trends for lymphomas, leukemias and myelomas: hypothesis generation. Working Group on the Epidemiology of Hematolymphopoietic Malignancies in Italy.

Target-induced death by apoptosis in human lymphokine-activated natural killer cells.

Role of tyrosine phosphorylation in radiation-induced cell cycle-arrest of leukemic B-cell precursors at the G2-M transition checkpoint.

Cell cycle defect in connection with oxygen and iron sensitivity in Fanconi anemia lymphoblastoid cells.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on humoral and cell-mediated immunity in Sprague-Dawley rats.

Host resistance to rat cytomegalovirus (RCMV) and immune function in adult PVG rats fed herring from the contaminated Baltic Sea.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on influenza virus host resistance in mice.

Mechanism underlying the inhibitory effect of high calcium carbonate intake on iron bioavailability from ferrous sulphate in anaemic rats.

[Separation of methotrexate-polyglutamates by capillary electrophoresis and its application to the measurement of gamma-glutamyl hydrolase activity in human leukemia cells in culture].

Characterization of the M(r) 65,000 lymphokine-activated killer proteins phosphorylated after tumor target binding: evidence that pp65a and pp65b are phosphorylated forms of L-plastin.

Formation of 8-hydroxydeoxyguanosine in calf thymus DNA treated with tert-butylhydroquinone, a major metabolite of butylated hydroxyanisole.

Effects of metabolic inhibitors and lectins on the menadione-dependent generation of H₂O₂ by rat thymocytes.

Cyclosporine control of recipient lymphocyte traffic to the heart allograft.

Basal metabolism of intraperitoneally injected carrier-free ⁷⁴As-labeled arsenate in rabbits.

Infection of human T lymphoid cells by human herpesvirus 6 is blocked by two unrelated protein tyrosine kinase inhibitors, biochanin A and herbimycin.

2,3,7,8-TCDD induces cytochrome P450 enzyme activity but not proliferation or phenotypical changes in human peripheral blood lymphocytes.

Lymphocyte adhesive interactions with cultured parotid salivary gland epithelial cells from rats.

Identification of functional aryl hydrocarbon receptor and aryl hydrocarbon receptor nuclear translocator in murine splenocytes.

Aryl-hydrocarbon receptor-deficient mice are resistant to 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced toxicity.

Application of a biologically-based RFD estimation method to tetrachlorodibenzo-p-dioxin (TCDD) mediated immune suppression and enzyme induction.

Rapid cytotoxicity of human B lymphocytes induced by VH4-34 (VH4.21) gene-encoded monoclonal antibodies.

Toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in two substrains of male Long-Evans rats after intravenous injection.

Persistence of decreased T-helper cell function in industrial workers 20 years after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Influence of liver tumor promoters on apoptosis in rat hepatocytes induced by 2-acetylaminofluorene, ultraviolet light, or transforming growth factor beta 1.

Triphenyltin acetate toxicity: a biochemical and ultrastructural study on mouse thymocytes.

Induction of CYP1A1 and ALDH-3 in lymphoid tissues from Fisher 344 rats exposed to 2,3,7,8-tetrachlorodibenzodioxin (TCDD).

Expression of 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible cytochrome P4501A1 in human splenic lymphocyte cultures.

Subacute toxicity of urea herbicide, isoproturon, in male rats.

Changes in primary and secondary lymphoid organ T-cell subpopulations resulting from acute in vivo exposure to propanil.

Hodgkin's disease and Vietnam service.

Toxicity of cotoran (fluometuron) in Desert sheep.

The effects of subchronic chlorate exposure in Sprague-Dawley rats.

[Herbicides and neoplasms of the hemolymphopoietic system].

The influence of glutathione and detoxifying enzymes on DNA damage induced by 2-alkenals in primary rat hepatocytes and human lymphoblastoid cells.

Diquat increases cysteine proteinase inhibitors greatly in rat plasma and tissues.

Immunotoxic effects of exposure of rats to xenobiotics via maternal lactation. Part I 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Human glutathione S-transferase M1 null genotype is associated with a high inducibility of cytochrome P450 1A1 gene transcription.

Studies into the effect of the tyrosine kinase inhibitor herbimycin A on NF-kappa B activation in T lymphocytes. Evidence for covalent modification of the p50 subunit.

Isolation of leukocytes infiltrating the islets of Langerhans of diabetes-prone mice for flow cytometric analysis.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on anti-CD3-induced changes in T-cell subsets and cytokine production.

Dietary exposure of mink to carp from Saginaw Bay, Michigan: 2. Hematology and liver pathology.

Expression of cytokine mRNA in human melanoma tissues.

Immunologic effects of background prenatal and postnatal exposure to dioxins and polychlorinated biphenyls in Dutch infants.

Alterations in splenocyte protein kinase C (PKC) activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin in vivo.

Radiosyntheses of labeled beta-pseudothymidine ([C-11]- and [H-3]methyl) and its biodistribution and metabolism in normal and tumored mice.

Immunomodulatory effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin tested by the popliteal lymph node assay.

Adipose tissue concentrations of dioxins and dibenzofurans in patients with malignant lymphoproliferative diseases and in patients without a malignant disease.

Hypoxia-induced vascular endothelial growth factor expression in normal rat astrocyte cultures.

Alternative models for low dose-response analysis of biochemical and immunological endpoints for tetrachlorodibenzo-p-dioxin.

Immune system impairment and hepatic fibrosis in mice lacking the dioxin-binding Ah receptor.

Subchronic dose-response study of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats.

Formation of 8-hydroxydeoxyguanosine in calf thymus DNA treated in vitro with phenylhydroquinone, the major metabolite of O-phenylphenol.

Presentation of cartilage proteoglycan to a T cell hybridoma derived from a mouse with proteoglycan-induced arthritis.

Synthesis, topoisomerase I inhibitory activity, and in vivo evaluation of 11-azacampthecin analogs.

Treatment of Philadelphia-chromosome-positive human leukemia in SCID mouse model with herbimycin A, bcr-abl tyrosine kinase activity inhibitor.

Identification of domains of poly(ADP-ribose) polymerase for protein binding and self-association.

Host resistance to *Trichinella spiralis* infection in rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Non-Hodgkin's lymphoma.

Identification of a cyanogen bromide fragment of porcine type II collagen capable of modulating collagen arthritis in B10.RIII (H-2r) mice.

Characterization of sugar receptor expression by neoglycoproteins in oral and oropharyngeal squamous cell carcinomas.

An attempt to explain interindividual variability in 24-h urinary excretion of inorganic arsenic metabolites by C57 BL/6J mice.

Use of Mishell-Dutton culture for the detection of the immunosuppressive effect of iron-containing compounds.

Inhibition of tumor necrosis factor activity fails to restore 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced suppression of the antibody response to sheep red blood cells.

Kinetics of plasma membrane and mitochondrial alterations in cells undergoing apoptosis.

Possible mechanisms for PhIP-DNA adduct formation in the mammary gland of female Sprague-Dawley rats.

Comparative assessment of metabolic enzyme levels in macrophage populations of the F344 rat.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) to the human thymus after implantation in SCID mice.

Lymphocyte adhesive interactions with lacrimal gland acinar epithelial cells in primary culture.

The thymus atrophy inducing organotin compound DBTC stimulates TcR alpha beta-CD3 signalling in immature rat thymocytes.

Impaired cellular immune response in harbour seals (*Phoca vitulina*) feeding on environmentally contaminated herring.

Dopamine-induced programmed cell death in mouse thymocytes.

Xenobiotic metabolism in humans during early pregnancy: peroxidase-mediated oxidation and bioactivation of 2-aminofluorene.

Effects of gestational and lactational exposure to coplanar polychlorinated biphenyl (PCB) congeners or 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on thyroid hormone concentrations in weanling rats.

Immunosuppressive activity of polychlorinated biphenyl mixtures and congeners: nonadditive (antagonistic) interactions.

A novel type of cell death of lymphocytes induced by a monoclonal antibody without participation of complement.

Halogenated aromatic hydrocarbon-induced suppression of the plaque-forming cell response in B6C3F1 splenocytes cultured with allogenic mouse serum: Ah receptor structure activity relationships.

Phenotypic analysis of spleen, thymus, and peripheral blood cells in aged C57B1/6 mice following long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Suppression of cytotoxic T lymphocyte activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin occurs in vivo, but not in vitro, and is independent of corticosterone elevation.

Workshop on perinatal exposure to dioxin-like compounds. V. Immunologic effects.

[Morphologic characteristics of the thymus in pregnant and newborn mice exposed to sodium arsenite].

BW-755C diminishes smoke-induced pulmonary edema.

Oxidative stress from environmental pollutants.

Comparison of the toxicity of cinnamaldehyde when administered by microencapsulation in feed or by corn oil gavage.

Role of active oxygen species in DNA damage by pentachlorophenol metabolites.

Cyclooxygenase and lipoxygenase inhibition by BW-755C reduces acrolein smoke-induced acute lung injury.

Mortality and cancer morbidity of Finnish chlorophenoxy herbicide applicators: an 18-year prospective follow-up.

Identification and dynamics of paraquat in the bone marrow, thymus and spleen in rats using immunohistochemical techniques.

A 32P-postlabeling method for simultaneous detection and quantification of exocyclic etheno and propano adducts in DNA.

Selective myelotoxicity of propanil.

Blocking of in vitro DNA replication by deoxycytidine adducts of the mutagen and clastogen 2-bromoacrolein.

[The enzymes of mono-oxygenase oxidation in the lymphocytes and liver of persons subjected to chlorophenoxy herbicide exposure].

Characterization of a thioredoxin-related surface protein.

Inhibition of mammalian protoporphyrinogen oxidase by acifluorfen.

Immunogenicity of the Escherichia coli fimbrial antigen K99 when expressed by Salmonella enteritidis 11RX.

Lymphodepletion of the thymus cortex in rats after single oral intubation of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

A case of germinal center formation by CD45RO T and CD20 B lymphocytes in rheumatoid arthritic subchondral bone: proposal for a two-compartment model of immune-mediated disease with implications for immunotherapeutic strategies.

Time course of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced thymic atrophy in the Wistar rat.

Hypoxic stimulation of vascular endothelial growth factor expression in vitro and in vivo.

Cytoplasmic transfer of the mtDNA nt 8993 T-->G (ATP6) point mutation associated with Leigh syndrome into mtDNA-less cells demonstrates cosegregation with a decrease in state III respiration and ADP/O ratio.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the hepatic 7-ethoxyresorufin O-deethylase activity in four rodent species.

Contact sensitization induces proliferation of heterogeneous populations of hapten-specific T cells.

Deaths from primary brain cancers, lymphatic and haematopoietic cancers in agricultural workers in the Republic of Ireland.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on pulmonary influenza virus titer and natural killer (NK) activity in rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced thymic atrophy and lymphocyte stem cell alterations by mechanisms independent of the estrogen receptor.

Dexamethasone, beta-estradiol, and 2,3,7,8-tetrachlorodibenzo-p-dioxin elicit thymic atrophy through different cellular targets.

CD40 signaling pathway: anti-CD40 monoclonal antibody induces rapid dephosphorylation and phosphorylation of tyrosine-phosphorylated proteins including protein tyrosine kinase Lyn, Fyn, and Syk and the appearance of a 28-kD tyrosine phosphorylated protein.

Coxsackievirus B3 infection alters the uptake of 2,3,7,8-tetrachlorodibenzo-p-dioxin into various tissues of the mouse.

Post mortem diagnosis of *Mycobacterium bovis* infection in cattle.

Induction of heat-shock protein synthesis and thermotolerance in EL-4 ascites tumor cells by transient ATP depletion after ischemic stress.

Effects of herbimycin A and its derivatives on growth and differentiation of Ph1-positive acute lymphoid leukemia cell lines.

Assessment of host resistance to *Trichinella spiralis* in mice following preinfection exposure to 2,3,7,8-TCDD.

Developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the most TCDD-resistant and -susceptible rat strains.

Reversal agent inhibition of the multidrug resistance pump in human leukemic lymphoblasts.

Evidence for the role of the Ah receptor in response to dioxin.

Alternate immune system targets for TCDD: lymphocyte stem cells and extrathymic T-cell development.

The intrathymic target cell for the thymotoxic action of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The hr locus and the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in newborn mice.

Hodgkin's and non-Hodgkin's lymphomas.

NTP Toxicology and Carcinogenesis Studies of 4,4'-Thiobis(6-*t*-butyl-*m*-cresol) (CAS No. 96-69-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Ah receptor in different tissues of C57BL/6J and DBA/2J mice: use of competitive polymerase chain reaction to measure Ah-receptor mRNA expression.

Induction in vitro of 72-kD heat shock protein in a continuous culture of rat thyroid cells, FRTL5.

T cell receptor-induced Fas ligand expression in cytotoxic T lymphocyte clones is blocked by protein tyrosine kinase inhibitors and cyclosporin A.

Tissue specific expression of the rat Ah-receptor and ARNT mRNAs.

Pathological findings in rabbits and sheep following the subacute administration of triphenyltin acetate.

An inhibitory factor in rat thymus which interferes with binding of cytosol Ah receptor to xenobiotic responsive element.

Oxidative stress-induced apoptosis prevented by Trolox.

Evidence for histamine uptake by murine hematopoietic progenitors.

The anti-tumour activity of ifosfamide on heterotransplanted testicular cancer cell lines remains unaltered by the uroprotector mesna.

Leukemia inhibitory factor and nerve growth factor are retrogradely transported and processed by cultured rat sympathetic neurons.

Serum modulation of the effects of TCDD on the in vitro antibody response and on enzyme induction in primary hepatocytes.

Mitogen-activated protein kinases and ribosomal S6 protein kinases are involved in signaling pathways shared by interleukin-11, interleukin-6, leukemia inhibitory factor, and oncostatin M in mouse 3T3-L1 cells.

The thymus does not mediate 2,3,7,8-tetrachlorodibenzo-p-dioxin-elicited alterations in bone marrow lymphocyte stem cells.

Increased proliferation, cytotoxicity, and gene expression after stimulation of human peripheral blood T lymphocytes through a surface ganglioside (GD3).

NTP Toxicology and Carcinogenesis Studies of o-Benzyl-p-Chlorophenol (CAS No. 120-32-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Dioxins and the immune system: mechanisms of interference. A meeting report.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated gene expression in the immature rat thymus.

Non-Hodgkin's lymphoma in the older person: a review.

Some occupational exposures as risk factors for malignant lymphomas.

The role of agricultural pesticide use in the development of non-Hodgkin's lymphoma in women.

The toxicologic interactions resulting from inhalation of carbon black and acrolein on pulmonary antibacterial and antiviral defenses.

[Some parameters of Guerin cancer growth after exposure to Pielik (sodium salt of 2,4-dichlorophenoxyacetate)].

Biochemical and toxicological studies on the mixtures of three commonly-used herbicides in mice.

Cytotoxic effect of atrazine on murine B-lymphocytes in vitro.

Production of monoclonal antibodies against diquat and its enzyme-linked immunosorbent assay.

Haemotoxic effect of phenylurea herbicides in rats: role of haemoglobin-adduct formation in splenic toxicity.

Results with OECD recommended positive control sensitizers in the maximization, Buehler and local lymph node assays.

[N-demethylation and denitrosation activity of the rat liver, thymus lymphocytes and spleen after exposure to simazine and sodium nitrite].

Imaging of activated natural killer cells in mice by positron emission tomography: preferential uptake in tumors.

70 kDa heat shock cognate protein is a transformation-associated antigen and a possible target for the host's anti-tumor immunity.

Tumor cell heme uptake induces ferritin synthesis resulting in altered oxidant sensitivity: possible role in chemotherapy efficacy.

Evidence for a redox-sensitive protein tyrosine kinase in nuclear factor kappa B activation and interleukin 2 production in EL4.NOB1 cells.

Subchronic toxicity of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

Cancer incidence in a population accidentally exposed to 2,3,7,8-tetrachlorodibenzo-para-dioxin.

Iron status and growth of rats fed different dietary iron sources.

BCR/ABL oncoprotein-targeted antitumor activity of antisense oligodeoxynucleotides complementary to bcr/abl mRNA and herbimycin A, an antagonist of protein tyrosine kinase: inhibitory effects on in vitro growth of Ph1-positive leukemia cells and BCR/ABL oncoprotein-associated transformed cells.

Effects of small doses of dioxins on the immune system of marmosets and rats.

Increased formation of 8-hydroxydeoxyguanosine, an oxidative DNA damage, in lymphoblasts from Fanconi's anemia patients due to possible catalase deficiency.

Comparative potencies of Aroclors 1232, 1242, 1248, 1254, and 1260 in male Wistar rats--assessment of the toxic equivalency factor (TEF) approach for polychlorinated biphenyls (PCBs).

Gamma interferon cooperates with lipopolysaccharide to activate mouse splenic macrophages to an antihistoplasma state.

DNA topoisomerases and the DNA lesion in human genetic instability syndromes.

Effect of a single lethal dose of TCDD on the levels of monoamines, their metabolites and tryptophan in discrete brain nuclei and peripheral tissues of Long-Evans rats.

Important aspects of the evidence for TCDD carcinogenicity in man.

Role of tyrosine phosphorylation in radiation-induced activation of c-jun protooncogene in human lymphohematopoietic precursor cells.

Cell-surface heparan sulfate proteoglycan mediates HIV-1 infection of T-cell lines.

Teratogenicity and immunotoxicity of 3,3',4,4',5-pentachlorobiphenyl in C57BL/6 mice.

Malignant lymphomas and leukemias, and exposures in the wood industry: an industry-based case-referent study.

Tissue distribution and toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats after intravenous injection.

Intracellular induction pathways for CD23 antigen and surface immunoglobulins in human tonsillar B cells: the roles of protein kinase C and tyrosine kinase-mediated signals.

Apoptosis in splenic B lymphocytes. Regulation by protein kinase C and IL-4.

Direct effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on human tonsillar lymphocytes.

Inhibition of protein tyrosine kinase activity by herbimycin A prevents anti- μ but not LPS-mediated cell cycle progression and differentiation of splenic B lymphocytes.

Human non-secretory ribonucleases. I. Purification, peptide mapping and lectin blotting analysis of the kidney, liver and spleen enzymes.

NTP Toxicology and Carcinogenesis Studies of Pentachloroanisole (CAS No. 1825-21-4) in F344 Rats and B6C3F1 Mice (Feed Studies).

Acute inflammatory response to sheep red blood cell challenge in mice treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): phenotypic and functional analysis of peritoneal exudate cells.

Stimulatory effect of the CYP1A1 inducer 2,3,7,8-tetrachlorodibenzo-p-dioxin on the reproduction of HIV-1 in human lymphoid cell culture.

Ultrastructure of the cortical epithelium of the rat thymus after in vivo exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Occupational risk factors for acute leukaemia: a case-control study.

Efficiency of DNA-histone crosslinking induced by saturated and unsaturated aldehydes in vitro.

Limited immunotoxic potential of technical formulation of the herbicide atrazine (AAtrex) in mice.

Comparison of the immunotoxicity of propanil and its metabolite, 3,4-dichloroaniline, in C57Bl/6 mice.

Cytogenetic studies of herbicide interactions in vitro and in vivo using atrazine and linuron.

Smoke aldehyde component influences pulmonary edema.

[Rainbow trout and zebrafish, two models for continuous toxicity tests: relative sensitivity, species and organ specificity in cytopathologic reaction of liver and intestines to atrazine].

The effect of Lasso herbicide on human immune function as measured by in vitro assays.

The effect of a commercial 2,4-D formulation on chemical- and viral-induced tumor production in mice.

Enhancement of cytotoxic T lymphocyte growth from spleens of P815-tumor-bearing host mice with mafosfamide.

Case report: neuropathology of methyl bromide intoxication.

Protein tyrosine phosphorylation as an indicator of 2,3,7,8-tetrachloro-p-dioxin exposure in vivo and in vitro.

Immunosuppressive therapy and acquired immunological disorders.

Effect of herbimycin A, an antagonist of tyrosine kinase, on bcr/abl oncoprotein-associated cell proliferations: abrogative effect on the transformation of murine hematopoietic cells by transfection of

a retroviral vector expressing oncoprotein P210bcr/abl and preferential inhibition on Ph1-positive leukemia cell growth.

Detection of contact sensitivity of metal salts using the murine local lymph node assay.

Alterations in the cortical thymic epithelium of rats after in vivo exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): an (immuno)histological study.

Protein-linked isoprenoid lipids in dexamethasone-treated human lymphoid lines in culture.

Epstein-Barr virus enters B cells and epithelial cells by different routes.

Cancer incidence following chlorophenol exposure in a community in southern Finland.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on blood and spleen natural killer (NK) cell activity in the mouse.

The role of occupational exposure and immunodeficiency in B-cell malignancies. Working Group on the Epidemiology of Hematolymphopoietic Malignancies in Italy.

Chemicals trophic for the thymus: risk for immunodeficiency and autoimmunity.

Integration of the human lymphocyte into immunotoxicological investigations.

Cancer risk among Danish and Italian farmers.

Identification of thyroiditogenic epitope on porcine thyroid peroxidase for C57BL/6 mice.

Glycosylation-inhibiting factor from human T cell hybridomas constructed from peripheral blood lymphocytes of a bee venom-sensitive allergic patient.

Mortality of a young population after accidental exposure to 2,3,7,8-tetrachlorodibenzodioxin.

Toxicity of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats after single oral administration.

The heat shock response: potential to screen teratogens.

Amyloid enhancing factor activity is associated with ubiquitin.

Enhanced suppression of humoral immunity in DBA/2 mice following subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Cytogenetic mechanisms in the selective toxicity of cyclophosphamide analogs and metabolites towards avian embryonic B lymphocytes in vivo.

Interaction of C1q receptor with lung surfactant protein A.

Mammalian thymidine kinase 2. Direct photoaffinity labeling with [32P]dTTP of the enzyme from spleen, liver, heart and brain.

Generation and functional characterization of ovine bone marrow-derived macrophages.

Distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in splenic tissue of C57BL/6J mice.

A role for protein tyrosine kinase activity in natural cytotoxicity as well as antibody-dependent cellular cytotoxicity. Effects of herbimycin A.

Tissue distribution of monochloroacetic acid and its binding to albumin in rats.

Analysis of DNA strand breaks induced in rodent liver in vivo, hepatocytes in primary culture, and a human cell line by chlorinated acetic acids and chlorinated acetaldehydes.

[Production of monoclonal antibody against diquat and its application for forensic medicine].

[Immunomorphological analysis of prolonged intoxication by low doses of herbicide simazine].

Cancer mortality in workers exposed to chlorophenoxy herbicides and chlorophenols.

Toxicology and carcinogenesis studies of two grades of pentachlorophenol in B6C3F1 mice.

Developmental toxicity of bromoxynil in mice and rats.

Human health effects: what the data indicate.

Incidence rates of lymphomas and soft-tissue sarcomas and environmental measurements of phenoxy herbicides.

[The immunomorphological characteristics of a focal staphylococcal infection against a background of long-term exposure to low doses of simazine].

[Ultrastructural changes in the adenohipophysis-thyroid system in chronic poisoning by the herbicide linuron].

Human lymphocyte reactivity after in vitro exposure to technical and analytical grade pentachlorophenol.

Use and mechanism of action of AS101 in protecting bone marrow colony forming units-granulocyte-macrophage following purging with ASTA-Z 7557.

Increase in metallothionein produced by chemicals that induce oxidative stress.

Pharmacokinetics and metabolism of triclopyr in the crayfish (*Procambarus clarki*).

The identification of photoallergic potential in the local lymph node assay.

Inhibitory effect of interleukin-4 on the in vitro growth of Ph1-positive acute lymphoblastic leukemia cells.

Homotypic aggregation of human cell lines by HLA class II-, class Ia- and HLA-G-specific monoclonal antibodies.

The transient appearance of small blastoid cells in the marrow after bone marrow transplantation.

Engagement of interleukin-7 receptor stimulates tyrosine phosphorylation, phosphoinositide turnover, and clonal proliferation of human T-lineage acute lymphoblastic leukemia cells.

Dexamethasone and 2,3,7,8-tetrachlorodibenzo-p-dioxin can induce thymic atrophy by different mechanisms in mice.

Agricultural disorders of the lung.

Characterization of an inducible aryl hydrocarbon receptor-like protein in rat liver.

Ninety-day toxicity study of sodium monochloroacetate in Sprague-Dawley rats.

Long-term carcinogenesis studies on 2,3,7,8-tetrachlorodibenzo-p-dioxin and hexachlorodibenzo-p-dioxins.

Reversibility of thymic atrophy induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and bis(tri-n-butyltin)oxide (TBTO).

A one-year carcinogenicity study with 2,6-dichlorobenzonitrile (Dichlobenil) in male Swiss mice: preliminary note.

The tissue distribution of 2,3,7,8-chlorine substituted dibenzo-p-dioxins in humans who died of cancer.

Vitamin A deficiency and the induction of cutaneous toxicity in murine skin by TCDD.

An exploratory study of environmental and medical factors potentially related to childhood cancer.

Human exposure to 2,3,7,8-TCDD and risk of cancer.

Investigation on the dosage/efficacy relationship of iron dextran in veal calves.

Novel pathways of antigen presentation for the maintenance of memory.

Effect of rat liver cytosolic enzymes and cofactors on mutagenicity of 1-amino-8-nitropyrene.

Detection and characterization of Ah receptor in tissue and cells from human tonsils.

Cell-type-specific recognition of allogeneic cells by alloreactive cytotoxic T cells: a consequence of peptide-dependent allorecognition.

Intracellular regulation of the production and release of human erythroid-directed lymphokines.

Ten- and ninety-day toxicity studies of 1,2-dichlorobenzene administered by oral gavage to Sprague-Dawley rats.

Effects of polychlorinated biphenyls with Ah receptor affinity on lymphoid development in the thymus and the bursa of Fabricius of chick embryos in ovo and in mouse thymus anlagen in vitro.

Identification and structural characterization of Lyt-1 glycoproteins from tunicate hemocytes and mouse thymocytes.

Polyhalogenated dibenzo-p-dioxins and dibenzofurans and the immune system. 3. No immunosuppressive effect of 2,3,7,8-TCDD in the popliteal lymph node assay (PLNA) in rats.

Primary structure of the catalytic subunit of calf thymus DNA polymerase delta: sequence similarities with other DNA polymerases.

bcl-2 transgene inhibits T cell death and perturbs thymic self-censorship.

Comparison of the amino acid sequences of tissue-specific parvalbumins from chicken muscle and thymus and possible evolutionary significance.

The cortical actomyosin system of cytochalasin D-treated lymphoblasts.

Perinatal thymocyte antigen expression and postnatal immune development altered by gestational exposure to tetrachlorodibenzo-p-dioxin (TCDD).

Detection of *Streptococcus suis* type 2 in tonsils of slaughtered pigs using improved selective and differential media.

Mitochondrial 3- β -hydroxyacyl-CoA isomerase. Purification, cloning, expression, and mitochondrial import of the key enzyme of unsaturated fatty acid β -oxidation.

Evidence for arsenic as the immunosuppressive component of gallium arsenide.

Interaction between dietary vitamin A and single oral doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the TCDD-induced toxicity and on the vitamin A status in the rat.

Halogenated aryl hydrocarbon-induced suppression of the in vitro plaque-forming cell response to sheep red blood cells is not dependent on the Ah receptor.

Monoclonal anti-VH141 antibodies that specifically recognize the heavy chain variable region of, and are closely related to, MOPC141 myeloma protein whose VH gene belongs to VHQ52 family.

Complete amino acid sequence of the FK506 and rapamycin binding protein, FKBP, isolated from calf thymus.

IgG response is impaired in H2-c-fos transgenic mice.

Italian multicentre case-control study of hematolymphopoietic malignancies.

Chronic effect of atrazine on hydromineral balance in the crab.

[Exposure to agricultural chemicals and oncogenic risk].

[An immunological and morphological study of focal staphylococcal infection against a background of long-term exposure to the herbicide linuron].

[The immunomorphological characteristics of prolonged exposure to the herbicide linuron].

Toxicokinetics of monochloroacetic acid: a whole-body autoradiography study.

[The effect of chronic butyphos poisoning on protein and nucleic acid synthesis in various rat organs and activity of blood cholinesterase].

Association between soft tissue sarcomas, malignant lymphomas, and phenoxy herbicides/chlorophenols: evidence from occupational cohort studies.

Aplastic anaemia associated with organochlorine pesticide: case reports and review of evidence.

Paraquat pharmacokinetics using a subcutaneous toxic low dose in the rat.

[Distribution and elimination of C-14-2,4-dichlorophenoxyacetic acid (2,4 D) in rat tissues in acute poisoning].

Long-term carcinogenicity bioassay of the herbicide atrazine in F344 rats.

Inhibition of lung damage caused by paraquat with lymphokines or cytokines.

Determination of diquat in biological materials by electron spin resonance spectroscopy.

Role of sulfidopeptide leukotrienes in synthetic smoke inhalation injury in sheep.

Mechanisms of in vitro immunosuppression by hepatocyte-generated cyclophosphamide metabolites and 4-hydroperoxycyclophosphamide.

Intestinal absorption of cationic and anionic ferric colloids and complexes: biochemical, histochemical and morphological observations in rats.

³²P-postlabeling analysis of binding of the cyclophosphamide metabolite, acrolein, to DNA.

A critical review of the developmental toxicity and teratogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: recent advances toward understanding the mechanism.

Pesticide exposures and other agricultural risk factors for leukemia among men in Iowa and Minnesota.

Regulation of polyamine biosynthesis by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Confirmation by peptide sequence and co-expression on various cell types of the identity of CD44 and P85 glycoprotein.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-induced decrease in the fluidity of rat liver membranes.

Influence of the Ah locus on the humoral immunotoxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: evidence for Ah-receptor-dependent and Ah-receptor-independent mechanisms of immunosuppression.

Analysis of photoaffinity-labeled aryl hydrocarbon receptor heterogeneity by two-dimensional gel electrophoresis.

Differential toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C57BL/6J mice congenic at the Ah Locus.

Transfer of proteins to membranes facilitates both cyanogen bromide cleavage and two-dimensional proteolytic mapping.

Antitumor activity of T-2 toxin-conjugated monoclonal antibody to murine thymoma.

Desferrioxamine-induced alterations in hepatic iron distribution, DNA damage and lipid peroxidation in control and 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

Role of the Ah locus in suppression of cytotoxic T lymphocyte activity by halogenated aromatic hydrocarbons (PCBs and TCDD): structure-activity relationships and effects in C57Bl/6 mice congenic at the Ah locus.

Studies on specific serological antigens in metacercariae and juveniles of *Paragonimus westermani* and its monoclonal antibodies.

Synthesis of human splenin (hSP) and examination of its immunological effects on the impaired T- and B-lymphocytes in uremic patients.

[Acute myelomonocytic leukemia with mastocytosis in bone marrow].

Tissue distribution, metabolism, and excretion of ¹⁴C-TCDD in a TCDD-susceptible and a TCDD-resistant rat strain.

Relative toxicity and tumor-promoting ability of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), 2,3,4,7,8-pentachlorodibenzofuran (PCDF), and 1,2,3,4,7,8-hexachlorodibenzofuran (HCDF) in hairless mice.

Hypoxia and deposition of iron in liver and spleen of mice given iron supplement.

Cancer in Iowa farmers: recent results.

Epidemiologic studies of cancer in agricultural workers.

Cytotoxicity of lymphokine-activated killer cells against human neuroblastoma cells: modulation by neuroblast differentiation.

A new perspective of S-antigen from immunochemical analysis.

Absorption, distribution, excretion and metabolism of a single oral dose of [¹⁴C]tri-*o*-cresyl phosphate (TOCP) in the male rat.

The association of selected cancers with service in the US military in Vietnam. I. Non-Hodgkin's lymphoma. The Selected Cancers Cooperative Study Group.

Prothymocyte activity is reduced by perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Flow cytometric analysis of lymphocyte subpopulations in the spleen and thymus of mice exposed to an acute immunosuppressive dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Structure and partial amino acid sequence of calf thymus DNA topoisomerase II: comparison with other type II enzymes.

Expression and biochemical characterization of human immunodeficiency virus type 1 nef gene product.

Glutathione enhancement in various mouse organs and protection by glutathione isopropyl ester against liver injury.

Generation and characterization of peptide-specific, MHC-restricted cytotoxic T lymphocyte (CTL) and helper T cell lines from unprimed T cells under microculture conditions.

Sequence analysis, tissue distribution and regulation by cell depolarization, and second messengers of bovine secretogranin II (chromogranin C) mRNA.

Influence of antibiotics on intestinal tract survival and translocation of environmental *Pseudomonas* species.

Molecular cloning of the CD3 zeta subunit identifies a CD3 zeta-related product in thymus-derived cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin pretreatment of female mice altered tissue distribution but not hepatic metabolism of a subsequent dose.

NTP Toxicology and Carcinogenesis Studies of Iodinated Glycerol (Organidin(R)) (CAS No. 5634-39-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Impairment of prothymocyte activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Glucocorticoid receptor binding to calf thymus DNA. 2. Role of a DNA-binding activity factor in receptor heterogeneity and a multistep mechanism of receptor activation.

NAD(P)H: quinone oxidoreductase (DT-diaphorase) in chick embryo liver. Comparison to activity in rat and guinea pig liver and differences in co-induction with 7-ethoxyresorufin deethylase by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Polyhalogenated dibenzo-p-dioxins and dibenzofurans and the immune system. 1. Effects on peripheral lymphocyte subpopulations of a non-human primate (*Callithrix jacchus*) after treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Disposition, elimination, and metabolism of tri-o-cresyl phosphate following daily oral administration in Fischer 344 male rats.

[The effect of 2,3,7,8-tetrachlorodibenzo-para-dioxin on the reproduction of human immunodeficiency virus in lymphoid cell cultures].

Paraquat resistance associated with reduced NADPH reductase in an energy-dependent paraquat-accumulating cell line.

Cancer risk in a cohort of licensed pesticide users.

Quantitative evaluation of chlortoluran-induced splenic hemosiderosis by means of an image analyzer.

[Pathomorphologic and hematologic studies of the immunotoxicity of the phenoxyalkane acid mecoprop in rats].

Effect of acute propanil exposure on the immune response of C57Bl/6 mice.

Effects of paternal subacute exposure to Tordon 202c on fetal growth and development in CD-1 mice.

Respiration and osmoregulation of the estuarine crab, *Rhithropanopeus harrisi* (Gould): effects of the herbicide, alachlor.

Determination of paraquat in raw and formalin-fixed tissues by electron spin resonance (ESR) spectroscopy.

Phenoxyacetic acid herbicides and chlorophenols and the etiology of lymphoma and soft-tissue neoplasms.

Elevated superoxide dismutase in Bloom's syndrome: a genetic condition of oxidative stress.

Formation of cyclic 1,N2-propanodeoxyguanosine and thymidine adducts in the reaction of the mutagen 2-bromoacrolein with calf thymus DNA.

Comparative effects of pair-feeding and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on various biochemical parameters in female rats.

The adrenocorticotrophic hormone (ACTH)-induced reversal of hemorrhagic shock.

Acute toxicity of perfluorodecanoic acid in C57BL/6 mice differs from 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Occupation and lymphoid neoplasms.

Subunit structure of the erythropoietin receptor.

Ten-year mortality study of the population involved in the Seveso incident in 1976.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) kills glucocorticoid-sensitive thymocytes in vivo.

Inhibition of c-myc gene expression in murine lymphoblastoma cells by geldanamycin and herbimycin, antibiotics of benzoquinoid ansamycin group.

Cancer incidence of workers in a Finnish sawmill.

Synthesis of [Glu34]human splenin (hSP) and examination of its immunological effect on the reduced B-lymphocytes of uremic patients.

Immunotoxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in a complex environmental mixture from the Love Canal.

Hematotoxic effects in the rat of a toluene dinitro derivative after short-term exposure.

Update of mortality among chemical workers with potential exposure to the higher chlorinated dioxins.

Development and validation of a cellular transplant model for leukemia in Fischer rats: a short-term assay for potential anti-leukemic chemicals.

Lymphocyte stem cell alterations following perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Immuno-toxicology and -pharmacology.

The effect of iron therapy on malarial infection in Papua New Guinean schoolchildren.

Differential [32P]-labeling of chemically induced stress proteins in S-phase mouse lymphoma cells.

Cell kinetic evidence suggests elevated oxidative stress in cultured cells of Bloom's syndrome.

Decreased activation of carcinogens in the liver of carcinogen-resistant rats.

Characterization of multiple forms of the Ah receptor: comparison of species and tissues.

Homology between the cDNAs encoding phosphoprotein p19 and SCG10 reveals a novel mammalian gene family preferentially expressed in developing brain.

Stimulation of in vivo hepatic uptake and in vitro hepatic binding of [125I]2-Iodo-3,7,8-trichlorodibenzo-p-dioxin by the administration of agonist for the Ah receptor.

NTP Toxicology and Carcinogenesis Studies of 2,4-Dichlorophenol (CAS No. 120-83-2) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Comparative studies on the primary structure of human cystatin as from epidermis, liver, spleen, and leukocytes.

Structural alterations in fibroblast monolayers caused by mast cell degranulation.

[Tissue distribution, inductive effect on liver enzymes and acute toxicity of 2,3,4,7,8-pentachlorodibenzofuran in Golden Syrian hamsters].

Multiple forms of recombinant murine interleukin-4 expressed in COS-7 monkey kidney cells.

NTP Toxicology and Carcinogenesis Studies of Two Pentachlorophenol Technical-Grade Mixtures (CAS No. 87-86-5) in B6C3F1 Mice (Feed Studies).

[Enhanced inhibition of splenic lymphocyte proliferation by 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57B1/10 (Ah+Ah+) mice compared to DBA/2 (AhAh) mice].

Effects of immunosuppressive chemicals on lymphoid development in foetal thymus organ cultures.

Effect of splenectomy on heparin treatment in allyl-alcohol-traumatized rat liver.

Nucleic acid binding and mutagenicity of active metabolites of 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline.

Effects of methylprednisolone on acute lung paraquat toxicity in sheep.

Mutagenicity and in vitro covalent DNA binding of 2-hydroxyamino-3-methylimidazo[4,5-f]quinoline.

DNA adduct formation by alachlor metabolites.

Elevated plasma corticosterone levels and histopathology of the adrenals and thymuses in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

Steroid hormones and medications that alter cancer risks.

Isolation and sequence analysis of amyloid protein AA from a patient with cystic fibrosis.

Screening of pharmacological agents given peripherally with respect to TCDD-induced wasting syndrome in Long-Evans rats.

The acute toxicity of 2,3,4,7,8-pentachlorodibenzofuran (4PeCDF) in the male Fischer rat.

Isolation and structural characterization of thymosin-beta 4 from a human medullary thyroid carcinoma.

An immunotoxicological evaluation of 4,4'-thiobis-(6-t-butyl-m-cresol) in female B6C3F1 mice. 2. Humoral and cell-mediated immunity, macrophage function, and host resistance.

An immunotoxicological evaluation of 4,4'-thiobis-(6-t-butyl-m-cresol) in female B6C3F1 mice. 1. Body and organ weights, hematology, serum chemistries, bone marrow cellularity, and hepatic microsomal parameters.

Catalase prevents increased lung vascular permeability during air emboli in unanesthetized sheep.

Effect of catalase on endotoxin-induced acute lung injury in unanesthetized sheep.

Effects of the TCDD congeners 3,3',4,4'-tetrachlorobiphenyl and 3,3',4,4'-tetrachloroazoxybenzene on lymphoid development in the bursa of Fabricius of the chick embryo.

Mortality among California highway workers.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in yellow perch (*Perca flavescens*).

Morphologic lesions and acute toxicity in rainbow trout (*Salmo gairdneri*) treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Membrane IgM: interactions with the cortical cytoskeleton in the human lymphoblastoid cell line WiL2.

Characterization of trimetrexate transport in human lymphoblastoid cells and development of impaired influx as a mechanism of resistance to lipophilic antifolates.

K-cell-mediated cytotoxicity induced with rat monoclonal antibodies. I. Antibodies of various isotypes differ in their ability to induce cytotoxicity mediated by rat and human effectors.

Protective murine monoclonal antibodies to tetanus toxin.

Effects of TCDD and its congeners 3,3',4,4'-tetrachloroazoxybenzene and 3,3',4,4'-tetrachlorobiphenyl on lymphoid development in the thymus of avian embryos.

Down-modulation of high-affinity receptors for erythropoietin on murine erythroblasts by interleukin 3.

NTP Toxicology and Carcinogenesis Studies of Monuron (CAS No. 150-68-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Factors regulating activation and DNA alkylation by 4-(N-methyl-N-nitrosamino)-1-(3-pyridyl)-1-butanone and nitrosodimethylamine in rat lung and isolated lung cells, and the relationship to carcinogenicity.

Memory B cells express a phenotype consistent with migratory competence after secondary but not short-term primary immunization.

The production of toxic oxygen metabolites by hemocytes of different snail species.

Immunological characterization of thioltransferase from pig liver.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes increases in expression of c-erb-A and levels of protein-tyrosine kinases in selected tissues of responsive mouse strains.

Partial characterization of specific cantharidin binding sites in mouse tissues.

Lymphocyte activation and capping of hormone receptors.

Induction of cytotoxic T lymphocytes by primary in vitro stimulation with peptides.

Suppression of splenic lymphocyte function by 7,12-dimethylbenz[a]anthracene (DMBA) in vitro.

A phospholipase A2 in the supernatant fraction of rat spleen. Its similarity to rat pancreatic phospholipase A2.

Elevation of acetylpolyamine levels in mouse tissues, serum and urine after treatment with radical-producing drugs and lipopolysaccharide.

Depression in gene expression for poly(ADP-ribose) synthetase during the interferon-gamma-induced activation process of murine macrophage tumor cells.

The pathologic and immunologic effects of inhaled acrolein in rats.

Paraquat (gramoxone) poisoning in south-west Hungary, 1977-1984. Toxicological and histopathological aspects of group intoxication cases.

Cohort mortality study of chemical workers with potential exposure to the higher chlorinated dioxins.

Effects of pentachlorophenol on the in vitro and in vivo antibody response.

Background and design of a Danish cohort study of workers in phenoxy herbicide manufacture.

Immunosuppression following exposure to 7,12-dimethylbenz[a]anthracene (DMBA) in Ah-responsive and Ah-nonresponsive mice.

In vivo and in vitro interactions of TCDD and other ligands of the Ah-receptor: effect on embryonic and fetal tissues.

Effect of excess iron in milk replacer on calf performance.

Carcinogenic effects of infantile and long-term 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment in the mouse.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the lactating rat on maternal and neonatal vitamin A status.

A serine proteinase inhibitor produced by an HTLV I virus-transformed human T lymphocyte line.

Han/Wistar rats are exceptionally resistant to TCDD. I.

Endogenous peroxidase activity in human cutaneous and adenoidal mast cells.

Synthesis, cell growth inhibition, and antitumor screening of 2-(p-n-butylanilino)purines and their nucleoside analogues.

Pesticides and cancer risks in agriculture.

Ah receptor: relevance of mechanistic studies to human risk assessment.

Role of fibronectin on the clearance and tissue uptake of antigen and immune complexes in rats.

Biochemical and immunological properties of different electrophoretic forms of juvenile hormone esterase from *Trichoplusia ni* (H₄Bner).

Purification and identification by amino acid sequence analysis of the subunits of the CD3 antigen of human tonsil T-lymphocytes.

Cytotoxic T lymphocytes against a soluble protein.

Lipopolysaccharide-sensitive serine-protease zymogen (factor C) of horseshoe crab hemocytes. Identification and alignment of proteolytic fragments produced during the activation show that it is a novel type of serine protease.

An improved method for the inhibition of endogenous peroxidase non-deleterious to lymphocyte surface markers. Application to immunoperoxidase studies on eosinophil-rich tissue preparations.

3,3',4,4'-Tetrachlorobiphenyl in pregnant mice: embryotoxicity, teratogenicity, and toxic effects on the cultured embryonic thymus.

alpha-Naphthoflavone antagonism of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced murine lymphocyte ethoxoresorufin-O-deethylase activity and immunosuppression.

An in vitro model for studying the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin to human thymus.

Isolation and complete amino acid sequence of human thymopoietin and splenin.

The primary structure of pig liver thioltransferase.

Sulphotransferase-mediated covalent binding of the carcinogen 7,12-dihydroxymethylbenz[a]anthracene to calf thymus DNA and its inhibition by glutathione transferase.

Circadian alterations in prolactin, corticosterone, and thyroid hormone levels and down-regulation of prolactin receptor activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Comparative effects of BHA and ascorbic acid on the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats.

The roles of haemolymphatic lipoproteins in the oogenesis of *Rhodnius prolixus*.

Phosphorylation of human fibrinogen in vitro with protein kinase C: characterization of the phosphorylated sites.

Amino acid sequence of UP1, an hnRNP-derived single-stranded nucleic acid binding protein from calf thymus.

Acute effect of paraquat on lung fluid balance and prostanoid production in awake sheep.

Carcinogenicity testing of atrazine: preliminary report on a 13-month study on male Swiss albino mice treated by intraperitoneal administration.

The effect of prenatal exposure to the n-butylester of 2,4-dichlorophenoxyacetic acid (2,4-D) on the immune response in mice.

Chronic progredient diffuse alveolar damage probably related to exposure to herbicides.

Depletion of human lymphocytes from peripheral blood and bone marrow by affinity ligands conjugated to agarose-polyacrolein microsphere beads.

In vitro study of paraquat effects on malondialdehyde formation in thymus cells.

Soft-tissue sarcomas, malignant lymphomas, and 2,3,7,8-TCDD exposure in Seveso.

Induction of experimental allergic neuritis in the BN rat: P2 protein-specific T cells overcome resistance to actively induced disease.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on IgA serum and bile levels in rats.

Murine plasmacytomas constitute a class of natural heat-shock variants in which the major inducible hsp-68 gene is not expressed.

Hyperferremia in immunosuppressed patients with acute nonlymphocytic leukemia and the risk of infection.

Hematotoxic effects of 3,5-dinitro-4-chloro-alpha,alpha,alpha-trifluorotoluene, a water contaminant.

Teratologic evaluation of hexabrominated naphthalenes in C57BL/6N mice.

Synthesis, biologic and toxic effects of the major 2,3,7,8-tetrachlorodibenzo-p-dioxin metabolites in the rat.

Regression of methyl bromide-induced forestomach lesions in the rat.

The effects of nonadecafluoro-n-decanoic acid on serum retinol and hepatic retinyl palmitate hydrolase activity in male Sprague-Dawley rats.

Immunosuppression without liver induction by subchronic exposure to 2,7-dichlorodibenzo-p-dioxin in adult female B6C3F1 mice.

A monoclonal antibody preventing binding of tissue-type plasminogen activator to fibrin: useful to monitor fibrinogen breakdown during t-PA infusion.

Modulation of IgM anti-lymphocyte antibody-reactive T cell surface antigens in systemic lupus erythematosus.

Phenotypic alterations in tumors that developed from threshold subcutaneous inocula. I. Reduced binding of natural antibodies and sensitivity to hypotonic lysis.

S-antigen-specific rat T cell lines recognize peptide fragments of S-antigen and mediate experimental autoimmune uveoretinitis and pinealitis.

Syntheses and effects of [Glu34]-thymopoietin II fragment 32-45 and its analogs on the impaired T-cell transformation in a patient with common variable immunodeficiency.

Subchronic oral toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the guinea pig: comparisons with a PCB-containing transformer fluid pyrolysate.

Desensitization of contact allergy to DNFB in mice. III. Characteristics of immediate desensitization induced by haptenated spleen cells.

Interaction of monoclonal antibodies with the IgE-receptor on rat mast cells and rat basophilic leukemia (RBL) cells.

A review of porphyria and cancer and the missing link with human exposure to hexachlorobenzene.

The C57B1/6 nu/nu, lpr/lpr mouse. III. Autoimmunity status.

Effects of various inhibitors of oxidative phosphorylation on energy metabolism, macromolecular synthesis and cyclic AMP production in isolated rat thymocytes. A regulating role for the cellular energy state in macromolecular synthesis and cyclic AMP production.

Changes in hamster hepatic cytochrome P-450, ethoxycoumarin O-deethylase, and reduced NAD(P): menadione oxidoreductase following treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin. Partial dissociation of temporal and dose-response relationships from elicited toxicity.

Stimulation of cytotoxic T-lymphocyte responses by rabies virus glycoprotein and identification of an immunodominant domain.

2,3,7,8-Tetrachlorodibenzo-p-dioxin metabolism and disposition in yellow perch.

Metabolism and disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rainbow trout.

Cellular uptake of 3,5,3'-triiodothyronine and thyroxine by red blood and thymus cells.

The role of formaldehyde in hydrazine-induced methylation of liver DNA guanine.

A modified method of fine-granular cationic iron colloid preparation: its use in light and electron microscopic detection of anionic sites in the rat kidney glomerulus and certain other tissues.

Proliferative responses by immune murine popliteal lymph node cells to high-molecular-weight basic allergen of ryegrass pollen and its cyanogen bromide fragments.

Studies on the metabolism of the neurotoxic tri-o-cresyl phosphate. Distribution, excretion, and metabolism in male cats after a single, dermal application.

A carrier method for the assessment of the effectiveness of disinfectants against *Mycobacterium tuberculosis*.

Assessment of pentachlorophenol toxicity in newborn calves: clinicopathology and tissue residues.

Humoral immunotoxicity of polychlorinated diphenyl ethers, phenoxyphenols, dioxins and furans present as contaminants of technical grade pentachlorophenol.

A follow-up study of cancer incidence among workers in manufacture of phenoxy herbicides in Denmark.

Hemoperfusion-hemodialysis ineffective for paraquat removal in life-threatening poisoning?

DNA-damaging properties and cytotoxicity in human fibroblasts of tetrachlorohydroquinone, a pentachlorophenol metabolite.

Hydrogen peroxide has a role in the aggregation of human platelets.

The pulmonary uptake, accumulation, and metabolism of xenobiotics.

Evaluation of immune function in mice exposed to Ordram.

The primary structure of human tissue amyloid P component from a patient with primary idiopathic amyloidosis.

Polychlorinated dibenzofurans (PCDFs): correlation between in vivo and in vitro structure-activity relationships.

Delayed wasting syndrome and alterations of liver gluconeogenic enzymes in rats exposed to the TCDD congener 3,3', 4,4'-tetrachloroazoxybenzene.

Suppressive effect of secondary *Toxoplasma gondii* infection on antibody responses in mice.

Cyclic GMP levels in interferon treated cells.

Pharmacokinetics of elimination of 6-mercaptopurine in the urine of children with acute lymphoblastic leukemia.

Effect of thyroidectomy and thyroxine on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immunotoxicity.

Inducing potency of aryl hydrocarbon hydroxylase activity in human lymphoblastoid cells and mice by polychlorinated dibenzofuran congeners.

Further studies on the activation of glucocerebrosidase by a heat-stable factor from Gaucher spleen.

The role of receptors in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity.

Structural properties of the methionine-containing subfraction of rat liver histone H1.

NTP Toxicology and Carcinogenesis Studies of 1,2-Dichlorobenzene (o-Dichlorobenzene) (CAS No. 95-50-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Influence of high dietary iron as ferrous carbonate and ferrous sulfate on iron metabolism in young calves.

Analysis of the binding of a hemopoietic growth factor, P-cell-stimulating factor, to a cell surface receptor using quantitative absorption of bioactivity.

Amino acid sequence of the UP1 calf thymus helix-destabilizing protein and its homology to an analogous protein from mouse myeloma.

The primary structure of two polypeptide chains from preparations of homeostatic thymus hormone (HTH alpha and HTH beta) entire-chain identities to two histones.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the uptake, distribution and excretion of a single oral dose of [11,12-³H]retinyl acetate and on the vitamin A status in the rat.

Polychlorinated aromatic hydrocarbon lethality, mixed-function oxidase induction, and uroporphyrinogen decarboxylase inhibition in the chick embryo: dissociation of dose-response relationships.

Selective depression of thymus-independent anti-DNP antibody responses induced by adult but not neonatal splenectomy.

A hydroxylapatite microassay for receptor binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3-methylcholanthrene in various target tissues.

Fetal thymus organ culture as an in vitro model for the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin and its congeners.

The acute effects of single and repeated injections of acrolein and other aldehydes.

Antibody-dependent cytotoxicity of human and mouse mononuclear cells against *Trypanosoma cruzi* epimastigotes.

Release of amino-terminal procollagen peptides in paraquat-induced acute pulmonary fibrosis.

Hexadecane increases the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): is brown adipose tissue the primary target in TCDD-induced wasting syndrome?

Enhancing effects of monocytes on modulation of a lymphocyte membrane antigen.

Immunosuppression in weanling and adult Sprague-Dawley rats induced by acute exposure to 3,3',4,4'-tetrachloroazoxybenzene.

Separation of wasting syndrome and lethality caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

A monoclonal antibody to hemoglobin F.

Synergistic effects of antigen and soluble T-cell factors in B-lymphocyte activation.

Polychlorinated dibenzofurans (PCDFs): effects of structure on binding to the 2,3,7,8-TCDD cytosolic receptor protein, AHH induction and toxicity.

Monoclonal antibody to murine gamma interferon inhibits lymphokine-induced antiviral and macrophage tumoricidal activities.

Dioxin in soil: bioavailability after ingestion by rats and guinea pigs.

Identification of an anti-monocyte monoclonal antibody that is specific for membrane complement receptor type one (CR1).

Effect of thyroidectomy and thyroxine on 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induced toxicity.

Purification to homogeneity and partial characterization of interleukin 2 from a human T-cell leukemia.

Iron pharmacokinetics after administration of ferric-hydroxide-polymaltose complex in rats.

Toxicologic, pathologic, and immunotoxic effects of 2,4-dichlorophenol in rats.

Lymphocyte bacterial rosette test: methodological details and effect of metabolic inhibitors and divalent cations.

Cathepsins J and K: high molecular weight cysteine proteinases from human tissues.

The covalent protein structure of insecticyanin, a blue biliprotein from the hemolymph of the tobacco hornworm, *Manduca sexta* L.

Use of bacteria and yeasts to identify T lymphocytes in peripheral blood and lymphoid tissues of healthy guinea pigs and guinea pigs fed aflatoxin.

Oxygen uptake associated with Sendai-virus-stimulated chemiluminescence in rat thymocytes contains a significant non-mitochondrial component.

Conservation in rat liver of light and heavy subunit sequences of mammalian ferritin. Presence of unique octopeptide in the light subunit.

Cellular distribution of thyroid myosin.

Different susceptibility of mouse tissues to porphyrinogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Ontogeny of the cytosolic receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver, lung, and thymus.

Differential induction of two 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible forms of cytochrome P-450 in extrahepatic versus hepatic tissues.

Sensitivity to suppression of cytotoxic T cell generation by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) is dependent on the Ah genotype of the murine host.

The in vitro metabolism by homogenates of goldfish (*Carassius auratus*) liver of pentachloro-2-(chloromethyl sulphonamido) diphenyl ether, the major component and active ingredient of the mothproofing agent Eulan WA New.

Pharmacologic modulation in vitro of human histamine-induced suppressor cell activity.

Toxicologic studies in a fatal overdose of 2,4-D, MCP, and chlorpyrifos.

[Histological picture of the internal organs of rats poisoned with 2,4-dichlorophenoxyacetic acid].

Iron overload of spleen, liver and kidney as a consequence of hemolytic anaemia.

Lymphocyte transformation to connective tissue antigens in adult and juvenile rheumatoid arthritis, osteoarthritis, ankylosing spondylitis, systemic lupus erythematosus, and a nonarthritic control population.

Energy-dependent reduced drug binding as a mechanism of Vinca alkaloid resistance in human leukemic lymphoblasts.

[Relaxation of DNA-protein interactions in mouse lymphoblastic leukemic cells exposed to antineoplastic agents].

Epidemiological study of socioeconomic factors and clinical findings in Hodgkin's disease, and reanalysis of previous data regarding chemical exposure.

Enhancement of carrageenan and dextran-induced edemas by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds.

Molecular basis of hypoxanthine-guanine phosphoribosyltransferase deficiency in a patient with the Lesch-Nyhan syndrome.

Isolation and characterization of a CNBr cleavage peptide of influenza viral hemagglutinin stimulatory for mouse cytolytic T lymphocytes.

Suppression of unprimed T and B cells in antibody responses by irradiation-resistant and plastic-adherent suppressor cells in *Toxoplasma gondii*-infected mice.

Plasma membrane-acting drugs inhibit the effect of dengue virus-induced cytotoxic factor.

Impairment of blastogenic response of splenic lymphocytes from iron-deficient mice: in vivo repletion.

[Pharmacological and clinico-pharmacological studies of a combination preparation for calves having antianemia and general tonic action].

The T8 antigen is a multimeric complex of two distinct subunits on human thymocytes but consists of homomultimeric forms on peripheral blood T lymphocytes.

A monoclonal antibody with ability to distinguish between NH₂-terminal fragments derived from fibrinogen and fibrin.

Inhibitory effect of bovine serum albumin on acid deoxyribonuclease from rat small intestinal mucosa.

Cellular and genetic basis for suppression of cytotoxic T cell generation by haloaromatic hydrocarbons.

Purification of pregnancy-specific beta 1-glycoprotein with a monoclonal antibody immunoadsorbent.

Enzymatic toxicogenation of "activated" cyclophosphamide by 3'-5' exonucleases.

Toxicity of 3,3',4,4'- and 2,2',5,5'-tetrabromobiphenyl: correlation of activity with aryl hydrocarbon hydroxylase induction and lack of protection by antioxidants.

[Migration and adhesiveness of human and rabbit blood leukocytes under the influence of metabolic blocking agents and hirudin].

Mortality of 2,4-dichlorophenoxyacetic acid and 2,4,5-trichlorophenoxyacetic acid herbicide applicators in Finland: first report of an ongoing prospective cohort study.

Immunotoxicity of technical pentachlorophenol (PCP-T): depressed humoral immune responses to T-dependent and T-independent antigen stimulation in PCP-T exposed mice.

Young Scientists Award lecture 1981: The identification of an accumulation system for diamines and polyamines into the lung and its relevance to paraquat toxicity.

Influence of diuretics on urinary general base catalytic activity and cyclophosphamide-induced bladder toxicity.

The accumulation of diamines and polyamines into rat lung slices.

Leukemia and farm practices in Iowa.

Immunity to homologous type III collagen after partial meniscectomy and sham surgery in rabbits.

The influence of antigen density and a comparison of IgG and IgM antibodies in the anti-complementary modulation of lymphocytic surface immunoglobulin.

Synthesis of pseudo cofactor analogues as potential inhibitors of the folate enzymes.

Cancer risks associated with agriculture: epidemiologic evidence.

Epidemiological study of nasal and nasopharyngeal cancer and their relation to phenoxy acid or chlorophenol exposure.

[Ability to redistribute surface receptors in transplantable cell lines].

Differential effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on nuclear RNA polymerase activity in the rat liver and thymus.

Antigenic polypeptide fragments of a receptor related to the Fab fragment of human immunoglobulin from thymus-derived lymphocytes.

[Untersuchungen über Triacin-Rückstände in Thymus vulgaris und Salvia officinalis nach Anwendung der Herbizide Gesagard 50 und Semeron 25.].

[Der Einsatz von Prometryn und Desmetryn bei Thymus vulgaris, Salvia officinalis und Silybum marianum und ihre Auswirkung auf Ertrag und Inhaltsstoffe].

The immunosuppressive effects of trichothecenes and cyclochlorotine on the antibody responses in guinea pigs.

Cytosolic and nuclear binding proteins for 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat thymus.

Inhibition of E-rosette formation and phagocytosis by human blood leucocytes after treatment with the dengue virus-induced cytotoxic factor.

[The use of AET-pretreated sheep red blood cells in the detection of lymphocytes with limited affinity for E receptors].

Toxicity of chlorinated phenoxy acids in combination with 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57BL/6 male mice.

Subchronic administration of technical pentachlorophenol to lactating dairy cattle: immunotoxicologic evaluation.

Pseudodiphtheria: prominent pharyngeal membrane associated with fatal paraquat ingestion.

Carcinogenicity of picloram.

Tissue retention of arsenic in rats fed with founder or cacodylic acid.

[Pentachlorophenol concentrations in tissues and body fluids of normal persons (author's transl)].

Antigen receptors on murine T lymphocytes in contact sensitivity. I. Functional inhibition of effector T cells by monovalent 2,4-dinitrophenol: implication for a two-receptor model.

The role of iron in the toxicity of 2,3,7,8-tetrachlorodibenzo-(p)-dioxin (TCDD).

Nonspecific suppression of initiation of memory cells in *Toxoplasma gondii*-infected mice.

Nonspecific suppression of primary antibody responses and presence of plastic-adherent suppressor cells in *Toxoplasma gondii*-infected mice.

A comparison of purified poly(ADP-ribose) polymerases from Ehrlich ascites tumor cells, pig thymus, and HeLa S3 cells.

Specific hypo-responsive granulomatous tissue reactions in *Brugia pahangi*-infected jirds.

Production and characterization of a monoclonal antibody against the seed lectin of the *Dolichos biflorus* plant.

Adenylate cyclase and guanylate cyclase activity in normal and leukemic human lymphocytes.

Lymphocytotoxins in infectious mononucleosis: a non-cytotoxic effect on lymphocytes at 37 degrees C and the influence of cell metabolism on their cytotoxicity in vitro.

Vitamin B12-dependent methyltetrahydrofolate: homocysteine methyltransferase activity in normal and leukemic human hematopoietic cells.

The influence of malnutrition on the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats.

Antigenic modulation of lymphocytic surface immunoglobulin yielding resistance to complement-mediated lysis. II. Relationship to redistribution of the antigen.

Estimation of genetic risks of alkylating agents. VI. Exposure of mice and bacteria to methyl bromide.

Hemoglobins, XXXVIII. Amino acid sequence of a dimeric hemoglobin (erythrocrucorin), component VI from *Chironomus thummi thummi* (CTT VI).

Porphyrogenic effect of chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin in female rats. Dose-effect relationship following urinary excretion of porphyrins.

Complete amino acid sequence of bovine thymosin beta 4: a thymic hormone that induces terminal deoxynucleotidyl transferase activity in thymocyte populations.

Amino acid sequence homologies between the high-mobility-group proteins, HMG-T from trout testis and HMG-1 and -2 from calf thymus: is the poly-aspartic-glutamic acid polypeptide within the main chain?

Toxicity and bioaccumulation of pentachlorophenol in broiler chickens.

The chronic toxicity of technical and analytical pentachlorophenol in cattle. I. Clinicopathology.

Optimal fixation conditions for the immunoperoxidase identification of human J chain from tissue sections.

Effect of chlorophenols on porphyrin metabolism in rats and chick embryo.

Lymphocyte capping induced by polycationized ferritin.

Folate analogues altered in the C9-N10 bridge region. 16. Synthesis and antifolate activity of 11-thiohomoaminopterin.

Antibodies specific for histone H2b fragments 1-58 and 63-125 in antisera to H2b and to the fragments: probes for histone evolution.

Antileukemic activity of 2-bis(2-methylthio)vinyl-1-methylquinolinium iodides.

Modification of mitochondrial respiration by aging and dietary restriction.

General health effects of prolonged exposure to 3,3',4,4'-tetrachloroazobenzene and 3,3',4,4'-tetrachloroazoxybenzene in rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin: segregation of toxicity with the Ah locus.

Role of the endocrine system in the action of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the thymus.

Examination of bone marrow, immunologic parameters and host susceptibility following pre- and postnatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Effect of polychlorinated biphenyl, dibenzofuran and dibenzo-p-dioxin on the susceptibility of male mice to endotoxin.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on macrophage and natural killer cell-mediated cytotoxicity in mice.

The renal cortical lymphatic system in dogs with unimpeded lymph and urine flow.

Bioassay of Phenol for Possible Carcinogenicity (CAS No.108-95-2).

Effect of acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on humoral antibody production in mice.

Necrotropic protective effect of Ca-Mg gluconolactate on allyl alcohol-induced liver necrosis in rats.

The effect of acute administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on humoral antibody production and cell-mediated activities in mice.

[Histo enzymatic reactions in the cells of the reticuloendothelial system of the liver and spleen and hepatocytes in acute Morfamquat dichloride poisoning].

[Action of herbicide "Atrazine" on thymus and bursa in chickens].

Induction in vitro of reversible immunosuppression and inhibition of B cell receptor regeneration by defined metabolites of cyclophosphamide.

Augmentation of antitumor cytotoxicity of MOPC-315 tumor bearer spleen cells by depletion of dinitrophenol-adherent cells prior to in vitro immunization.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on splenic lymphocyte transformation in mice after single and repeated exposures.

Laboratory studies on the immune effects of halogenated aromatics.

Long-term toxicologic studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in laboratory animals.

Isolation and immunochemical characterization of antibodies from the sera of cancer patients which are reactive against human melanoma cell membranes by affinity chromatography.

Capping of surface immunoglobulin on 'hairy cells' is independent of energy production.

Malignant lymphoma of histiocytic type and exposure to phenoxyacetic acids or chlorophenols.

Detection of early lymphocyte activation by the fluorescent cell membrane probe N-phenyl-1-naphthylamine.

The isolation and partial sequence of peptides produced by cyanogen bromide cleavage of calf thymus non-histone chromosomal high-mobility-group protein 2. Sequence homology with non-histone chromosomal high-mobility-group protein 1.

Studies of the mechanisms of toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Fragmentation of the human transplantation antigen heavy chain by limited proteolysis, acid cleavage, and cyanogen bromide treatment.

Toxicity of 4-chloro-O-cresol to rat: I. Light microscopy and chemical observations.

Bioassay of calcium cyanamide for possible carcinogenicity.

Bioassay of 2,7-dichlorodibenzo-p-dioxin (DCDD) for possible carcinogenicity.

The effect of perinatal exposure to tetrachlorodibenzo-p-dioxin on the immune response of young mice.

Effects of 2,3,7,8-tetrachlorodibenzofuran (TCDF) on the immune system in guinea pigs.

[Lung alterations after paraquat poisoning (author's transl)].

Carcinogenic and antitumor effects of aminotriazole on acatalasemic and normal catalase mice.

[Chemical weed control in plantations of thyme (*Thymus vulgaris* L.)].

Binding to radioactivity from [¹⁴C] paraquat to rat lung protein, in vitro.

Migration of human lymphocytes. II. Variation of lymphocyte distribution.

[Some peculiarities of ATPase in tumor mitochondria].

Leukocyte surface origin of human alpha1-acid glycoprotein (orosomuroid).

The distribution of antigen in flare up reaction in contact sensitivity to DNCB.

Studies on 2,3,7,8-tetrachlorodibenzo-p-dioxin induced immune suppression and decreased resistance to infection: endotoxin hypersensitivity, serum zinc concentrations and effect of thymosin treatment.

Isolation and partial sequence of the cyanogen bromide peptides from calf thymus non-histone chromosomal protein HMG 1.

[Investigation of adenosinetriphosphatase activity of rat liver and thymus cell nuclei].

Distribution of clozapine in the rat: localization in lung.

Short-term toxicity of allyl alcohol in rats.

Molecular weights of the Thy-1 glycoproteins from rat thymus and brain in the presence and absence of deoxycholate.

[Effect of 2,4-dinitrophenol on transmembrane potential difference in frog tissues].

Concentration levels of 2,4-D and 2,4,5-T in forensic material.

Acute and subchronic toxicity of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in male rat. I. Light microscopy and tissue concentrations of MCPA.

[The toxic effects of 2,4,5-trichlorophenoxyacetic acid on the quail].

Impairment of thymus-dependent immune functions by exposure of the developing immune system to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Expression of protein HC on the plasma membrane of different human cell types.

Suppressor cells in tolerance to contact sensitivity active against hapten-syngeneic and hapten-allogeneic determinants.

[Some additional facts about thymus (author's transl)].

Mechanism of uptake of nitrosoureas by L5178Y lymphoblasts in vitro.

Molecular characterization of limulin, a sialic acid binding lectin from the hemolymph of the horseshoe crab, *Limulus polyphemus*.

Energy metabolism and T-cell-mediated cytotoxicity. I. Synergism between inhibitors of respiration and glycolysis.

Nitric oxide activates guanylate cyclase and increases guanosine 3':5'-cyclic monophosphate levels in various tissue preparations.

Regulation of cardiac output during 2,4-dinitrophenol-induced tissue hypermetabolism in the dog.

Effect of various reagents on the susceptibility of target cells to the cytotoxicity of guinea pig lymphotoxin (GLT).

Strain differences in histopathologic, hematologic, and blood chemistry changes induced in mice by a technical and a purified preparation of 2,4,5-trichlorophenoxyacetic acid.

Mutagenicity and toxicity of amitrole. II. Human lymphocyte culture tests.

Sequential histopathologic, hematologic, and blood chemistry changes induced in mice by a technical and a purified preparation of 2,4,5-trichlorophenoxyacetic acid.

Liver enlargement induced by the herbicide 2,4,5-trichlorophenoxyacetic acid (2,4,5-T).

High uptake in the erythrocytes and the spleen of the quaternary dipyridylum salt paraquat injected intravenously in hypotonic solutions.

Immunologic response and factors affecting its assessment.

Human lymphocyte motility: normal characteristics and anomalous behavior of chronic lymphocytic leukemia cells.

Sheep erythrocytes binding ability on a mouse renal adenocarcinoma cell line and its hybrid with human lymphocytes.

[On the chloranilic acid reaction (RAC) proposed by Closs (author's transl)].

Synthesis of the antileukemic compound N,N(11)-[5-[bis(2-chloroethyl)amino]-1, 3-phenylene]bisurea.

Factor B of the alternative complement pathway on human lymphocytes.

Analysis of T-cell-specific functions in continuous lymphocytic cell lines. II. A T-cell line which forms rosettes with normal thymocytes of the same species.

Properties of Fc γ receptors in normal and malignant human tissues.

Hemocyanin of the horseshoe crab, *Limulus polyphemus*. Structural differentiation of the isolated components.

Ca²⁺ -uptake into noradrenaline-storing granules of bovine splenic nerves.

Homocysteine thiolactone metabolism in malignant cells.

[Continuous inhalation of small amounts of formaldehyde: experimental study in the rat].

The dependence of specific nuclear binding of glucocorticoids by rat thymus cells on cellular ATP levels.

The significance of ¹²⁵I as a tracer for lymphocytes, liver cells and erythrocytes after iodination by the lactoperoxidase-H₂O₂ technique.

Short-term oral and dermal toxicity of MCPA and MCPP.

Irritancy of cyclophosphamide-derived aldehydes (acrolein, chloracetaldehyde) and their effect on lymphocyte distribution in vivo: protective effect of thiols and bisulphite ions¹.

Isolation and characterization of CNBr peptides of human (α 1 (III))₃ collagen and tissue distribution of (α 1 (I))₂ α 2 and (α 1 (III))₃ collagens.

Increased susceptibility to bacterial infection as a sequela of exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Tissue distribution, excretion and biological effects of [¹⁴C]tetrachlorodibenzo-p-dioxin in rats.

Epstein-barr virus-induced cap formation in human lymphoblastoid cells.

The involvement of receptro sulphhydryl groups in the binding of steroids to the cytoplasmic glucocorticoid receptor from rat thymus.

Specific suppression of the antibody response in vitro by serum from paralyzed mice.

Mechanism and site of small intestinal absorption of alpha-tocopherol in the rat.

The methionine-containing subfraction of F1 histone from rat tissues.

Lymphocyte subpopulations. Human red blood cell rosettes.

Effect of polycations and polyanions on behavior of sheep red blood cell rosettes of human lymphocytes.

[Alveolitis and pulmonary fibrosis--an attempt at a synopsis].

[Dynamics of changes in the immune structure of the lymphatic follicles of the spleen in pesticide poisoning].

Fetal uptake and embryogenetic effects of aminotriazole in mice.

The preparation and purification of HL-A monospecific antigens using platelets and various lymphoid sources.

X-accumulation of labelled aminotriazole in some transplanted tumours in mice.

Movement of IgG receptors on the lymphocyte surface induced by protein A of Staphylococcus aureus.

Suppression of cellular immunity in rats and mice by maternal treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Histone and casein kinases of lactating bovine mammary gland.

Histones of Drosophila embryos. Electrophoretic isolation and structural studies.

Partial amino acid sequence of two new arginine-serine rich histones from male gonads of the sea urchin (*Parechinus angulosus*).

Residual bromide in tissues of rats fed methyl bromide fumigated diets.

Chemical studies of histone acetylation. Substrate specificity of a histone deacetylase from calf thymus nuclei.

Table 2A-14 – Titles of Pubmed Records Related to Gastrointestinal Adverse Events Following Herbicide Exposure

APPENDICITIS; *BOWEL*; *CELIAC*; *COLITIS*; * COLON *; *CONSTIPAT*; *CROHN*; *DIARRH*; *DIGESTIVE*; *DIVERTICULITIS*; *ESOPHAG*; *GASTRINOMA*; *HEMORRHOID*; *NAUSEA*; *PANCREATITIS*; *PHARYNGITIS*; *RECTAL*; *SPLEEN*; *STOMACH*; *TRACHE*; *ULCER*; *VOMIT*; COLON (2505)

Inhaled paraquat-induced lung injury in rat, improved by the extract of *Zataria multiflora* boiss and PPAR α agonist, pioglitazone.

Investigating adverse effects of chronic dietary exposure to herbicide glyphosate on zootechnical characteristics and clinical, biochemical and immunological blood parameters in broiler chickens.

Glyphosate Disorders Soil Enchytraeid Gut Microbiota and Increases Its Antibiotic Resistance Risk.

Biochemical and physiological alterations caused by Diuron and Triclosan in mussels (*Mytilus galloprovincialis*).

Atrazine exposure promotes cardiomyocyte pyroptosis to exacerbate cardiotoxicity by activating NF- κ B pathway.

Synthesis, Characterization, Antioxidant, and Anticancer Activity against Colon Cancer Cells of Some Cinnamaldehyde-Based Chalcone Derivatives.

Inclusion of trans-cinnamaldehyde and caprylic acid in feed results in detectable concentrations in the chicken gut and reduces foodborne pathogen carriage.

A Forensic Case of Suicide Ingestion of Paraquat Herbicide: New Histological Insights and Revision of the Literature.

Cinnamic Aldehyde Causing Chronic Oral Mucosal Ulcerations.

Volatilomic signatures of different strains of *Helicobacter pylori*.

The people behind the papers - Julia Grzymkowski and Nanette Nascone-Yoder.

Local Regrowth and the Risk of Distant Metastases Among Patients Undergoing Watch-and-Wait for Rectal Cancer: What Is the Best Control Group? Multicenter Retrospective Study.

Exposure to polycyclic aromatic hydrocarbons, volatile organic compounds, and tobacco-specific nitrosamines and incidence of esophageal cancer.

Pesticide Contamination Levels in the Stomach Contents of Wild Raccoons (*Procyon lotor*) and Masked Palm Civets (*Paguma larvata*) in Japan.

Zinc lactate alleviates oxidative stress by modulating crosstalk between constitutive androstane receptor signaling pathway and gut microbiota profile in weaned piglets.

Oxidative stress in the bivalve *Diplodon chilensis* under direct and dietary glyphosate-based formulation exposure.

The urinary metabolites of volatile organic compounds and asthma in young children: NHANES 2011-2018.

Pesticide use and inflammatory bowel disease in licensed pesticide applicators and spouses in the Agricultural Health Study.

Exposure to pesticides and risk of colorectal cancer: A systematic review and meta-analysis.

Identification and functional prediction of long non-coding RNAs related to oxidative stress in the jejunum of piglets.

Aldo-keto reductase 1B10 as a Carcinogenic but Not a Prognostic Factor in Colorectal Cancer.

Transcriptome analysis reveal the effect of freshwater sediments containing 2,3,7,8-tetrachlorodibenzo-p-dioxin on the *Macrobrachium rosenbergii* hepatopancreas, intestine, and muscle.

Hydrogen cyanamide exposure: a case series from Pavia Poison Control Centre.

The effects of *Crocus sativus* extract on inhaled paraquat-induced lung inflammation, oxidative stress, pathological changes and tracheal responsiveness in rats.

Maternal impacts of pre-conceptual glyphosate exposure.

Effects of L-theanine on intestinal morphology, barrier function, and MAPK signaling pathways in diquat-challenged piglets.

[Experimental study on the toxicokinetics and gastrointestinal damage in rats poisoned with acute diquat poisoning at different exposure doses].

Evaluation of nano-curcumin against inhaled paraquat-induced lung injury in rats.

Intestinal response of mussels to nano-TiO₂ and pentachlorophenol in the presence of predator.

Atrazine promotes breast cancer development by suppressing immune function and upregulating MMP expression.

Investigating the effects of glyphosate on the bumblebee proteome and microbiota.

Effect of zinc supplementation on immunotoxicity induced by subchronic oral exposure to glyphosate-based herbicide (GOBARA[®]) in Wistar rats.

The aquatic macrophyte *Salvinia molesta* mitigates herbicides (glyphosate and aminomethylphosphonic acid) effects to aquatic invertebrates.

Intracellular Growth Inhibition and Host Immune Modulation of 3-Amino-1,2,4-triazole in Murine Brucellosis.

Metabolomics analyses of cancer tissue from patients with colorectal cancer.

Study on the therapeutic effect of glucocorticoids on acute kidney injury in rats exposed to diquat.

Clinical and pathological characteristics of acute kidney injury caused by diquat poisoning.

PRKN/parkin-mediated mitophagy is induced by the probiotics *Saccharomyces boulardii* and *Lactococcus lactis*.

Diet as a Source of Acrolein: Molecular Basis of Aldehyde Biological Activity in Diabetes and Digestive System Diseases.

Dose ingested, vomiting, and outcome in patients ingesting a standard paraquat 20SL formulation.

Fitness assessment of *Mytilus galloprovincialis* Lamarck, 1819 after exposure to herbicide metabolite propachlor ESA.

Novel In Vitro Intestinal Microbiome Model to Study Lipidomic and Metabolomic Adaptations Due to Exposure to Glyphosate, Perfluorooctanoic Acid, and Docusate Sodium.

Glyphosate affects the neurochemical phenotype of the intramural neurons in the duodenum in the pig.

Chaenomeles sinensis polysaccharide and its carboxymethylated derivative alleviate dextran sulfate sodium-induced ulcerative colitis via suppression of inflammation and oxidative stress.

Safety and efficacy of once-daily HU6 versus placebo in people with non-alcoholic fatty liver disease and high BMI: a randomised, double-blind, placebo-controlled, phase 2a trial.

Airway Injury Caused by Aspiration of Iron Sulfate Pills: A Series of 11 Cases.

Shenqi formula delayed Alzheimer's disease-like symptoms by skn-1 pathway in *Caenorhabditis elegans*.

A *Cryptosporidium parvum* vaccine candidate effect on immunohistochemical profiling of CD4(+), CD8(+), Caspase-3 and NF- κ B in mice.

Deciphering the metabolic profile and anti-colorectal cancer mechanism of Capilliposide A using ultra performance liquid chromatography mass spectrometry combined with non-targeted metabolomics studies.

Lung proliferation is dependent on the duration not the timepoint of tracheal occlusion in nitrofen rats with diaphragmatic hernia.

Gastrointestinal Microbial Ecology of Weaned Piglets Fed Diets with Different Levels of Glyphosate.

Magnesium lithospermate B ameliorates diabetic nephropathy by suppressing the uremic toxin formation mediated by gut microbiota.

Targeting Colon Cancer Cells with Pyrazino-Imidazolinone Derivatives: Synthesis, Molecular Docking, and in Vitro Evaluation of Anti-Proliferative and Pro-Apoptotic Activities.

Proteomic Profiling of Hypoplastic Lungs Suggests an Underlying Inflammatory Response in the Pathogenesis of Abnormal Lung Development in Congenital Diaphragmatic Hernia.

Possible Effects of Uremic Toxins p-Cresol, Indoxyl Sulfate, p-Cresyl Sulfate on the Development and Progression of Colon Cancer in Patients with Chronic Renal Failure.

Effect of the probiotic strain, *Lactiplantibacillus plantarum* P9, on chronic constipation: A randomized, double-blind, placebo-controlled study.

A Tracheal Aspirate-derived Airway Basal Cell Model Reveals a Proinflammatory Epithelial Defect in Congenital Diaphragmatic Hernia.

The vitamin B(12) analog cobinamide ameliorates azide toxicity in cells, *Drosophila melanogaster*, and mice.

NOX1 is essential for TNF α -induced intestinal epithelial ROS secretion and inhibits M cell signatures.

A novel non-invasive colorectal cancer diagnostic method: Volatile organic compounds as biomarkers.

Adverse health effects of emerging contaminants on inflammatory bowel disease.

NKG2D Ligand Expression Induced by Oxidative Stress Mitigates Cutaneous Ischemia-Reperfusion Injury.

Supplementation with sesame oil suppresses genotoxicity, hepatotoxicity and enterotoxicity induced by sodium arsenite in rats.

Food for thought-The link between *Clostridioides difficile* metabolism and pathogenesis.

Endoscopic Diagnosis of Hookworm Disease in a Patient with Severe Iron Deficiency Anemia: A Case Report.

Plasma metabolites of aromatic amino acids associate with clinical severity and gut microbiota of Parkinson's disease.

Pan msr gene deleted strain of Salmonella Typhimurium suffers oxidative stress, depicts macromolecular damage and attenuated virulence.

Management of Acute Ferrous Sulfate Poisoning Using Activated Charcoal Monotherapy: A Case Report.

Acute oral poisoning due to pretilachlor herbicide - a rare case report from Nepal.

Effect of replacing inorganic iron with iron-rich microbial preparations on growth performance, serum parameters and iron metabolism of weaned piglets.

Changes in the Phenotype of Intramural Inhibitory Neurons of the Porcine Descending Colon Resulting from Glyphosate Administration.

Influence of in vitro gastrointestinal digestion and colonic fermentation on carbonyl scavenging capacity of fiber-bound polyphenols from quinoa.

The Effects of Dietary Silybin Supplementation on the Growth Performance and Regulation of Intestinal Oxidative Injury and Microflora Dysbiosis in Weaned Piglets.

Assessment of glyphosate and its metabolites' residue concentrations in cultured African Catfish offered for sale in selected markets in Ibadan, Oyo State, Nigeria.

Autoantibodies to beta tubulin in autoimmune liver diseases - relation to pANCA and clinical relevance.

Acute paraquat poisoning complicated by acute kidney injury and lung fibrosis: a case report from Nepal.

Carbonyl cyanide-4-(trifluoromethoxy)phenylhydrazone-induced toxicities in rats: comparative study with other mitochondrial uncouplers (2,4-dinitrophenol, OPC-163493 and tolcapone).

Microbial dietary protein metabolism regulates GLP-1 mediated intestinal transit.

A fixed 20:1 combination of cafedrine/theodrenaline increases cytosolic Ca(2+) concentration in human tracheal epithelial cells via ryanodine receptor-mediated Ca(2+) release.

Co-administration of L-Ascorbic Acid and $\hat{\pm}$ -Tocopherol Alleviates Arsenic-Induced Immunotoxicities in the Thymus and Spleen by Dwindling Oxidative Stress-Induced Inflammation.

Features of fatal pesticide ingestion in South Australia.

Case report: Occupational poisoning incident from a leak of chloroacetyl chloride in Jinan, Shandong, China.

Prevention of DSS-induced colitis in mice with water kefir microbiota via anti-inflammatory and microbiota-balancing activity.

Environmental cadmium exposure alters the internal microbiota and metabolome of Sprague-Dawley rats.

Untargeted Analysis of Serum Metabolomes in Dogs with Exocrine Pancreatic Insufficiency.

Development and Evaluation of In Situ Gel Formation for Treatment of Mouth Ulcer.

Safety monitoring of oral iron supplements in pregnant women with anemia: a multi-center observational clinical study.

The Effect of Oral Iron Supplementation on Gut Microbial Composition: a Secondary Analysis of a Double-Blind, Randomized Controlled Trial among Cambodian Women of Reproductive Age.

Altered fecal microbiome and metabolome profiles in rat models of short bowel syndrome.

Diagnostic Dilemma in Fatal Paraquat Poisoning: An Autopsy Case Report.

A case of severe paraquat poisoning treated by continuous hemodiafiltration without sequelae.

Protective effects of *Acetobacter ghanensis* against gliadin toxicity in intestinal epithelial cells with immunoregulatory and gluten-digestive properties.

Acute pesticide poisoning in the central part of Iran: A 4-year cross-sectional study.

Overview of Adductomics in Toxicology.

Mulberry leaf extract improves intestinal barrier function and displays beneficial effects on colonic microbiota and microbial metabolism in weaned piglets.

Beneficial metabolic transformations and prebiotic potential of hemp bran and its alcalase hydrolysate, after colonic fermentation in a gut model.

Andrographolide-based potential anti-inflammatory transcription inhibitors against nuclear factor NF-kappa-B p50 subunit (NF- κ B p50): an integrated molecular and quantum mechanical approach.

Glutathione Protects against Paraquat-Induced Oxidative Stress by Regulating Intestinal Barrier, Antioxidant Capacity, and CAR Signaling Pathway in Weaned Piglets.

Treatment of Gastrointestinal Corrosive Burns Caused by Highly Lethal Glyphosate Solution Poisoning.

Glyphosate-Based Herbicide Causes Cellular Alterations to Gut Epithelium of the Neotropical Stingless Bee *Melipona quadrifasciata quadrifasciata* (Hymenoptera: Meliponini).

Identification of environmental factors that promote intestinal inflammation.

Gut dysfunction may be the source of pathological aggregation of alpha-synuclein in the central nervous system through Paraquat exposure in mice.

Histopathological, immunohistochemical, and molecular investigation of atrazine toxic effect on some organs of adult male albino rats with a screening of *Acacia nilotica* as a protective trial.

Lycopene Ameliorate Atrazine-Induced Oxidative Damage in the B Cell Zone via Targeting the miR-27a-3p/Foxo1 Axis.

Evidence for the efficacy of the emetic PP796 in paraquat SL20 formulations - a narrative review of published and unpublished evidence.

A dose-related positive effect of inhaled simvastatin-loaded PLGA nanoparticles on paraquat-induced pulmonary fibrosis in rats.

Digestive tract toxicity associated with exposure to 2,4-dichlorophenoxyacetic acid in rats.

The toxicokinetics of acute paraquat poisoning in specific patients: a case series.

Biochemical and cellular responses of the freshwater mussel, *Hyriopsis bialata*, to the herbicide atrazine.

Time-resolved proteome and transcriptome of paraquat-induced pulmonary fibrosis.

Phenotypic analyses, protein localization, and bacteriostatic activity of *Drosophila melanogaster* transferrin-1.

The study of human serum metabolome on the health effects of glyphosate and early warning of potential damage.

Glyphosate exposure modulates lipid composition, histo-architecture and oxidative stress status and induces neurotoxicity in the smooth scallop *Flexopecten glaber*.

Histopathological, Immunohistochemical, And Molecular Alterations In Brain Tissue And Submandibular Salivary Gland Of Atrazine-Induced Toxicity In Male Rats.

Lycopene ameliorates atrazine-induced pyroptosis in spleen by suppressing the Ox-mtDNA/Nlrp3 inflammasome pathway.

[Preliminary study on time-dependent changes of intestinal tract and brain-gut axis in mice model of Parkinson's disease induced by paraquat].

Toxicity of commercial atrazine in *Rattus norvegicus* organs as a function of concentration: histopathological, ultrastructural and hematological evaluation.

Does roundup affect zinc functions in a bivalve mollusk in ex vivo exposure?

Toxicity of the herbicides used on herbicide-tolerant crops, and societal consequences of their use in France.

Evaluation of myenteric neurons in the colon of rats exposed to 2,4 dichlorophenoxyacetic acid herbicide.

The potential risks of herbicide butachlor to immunotoxicity via induction of autophagy and apoptosis in the spleen.

Lung transplantation in a woman with paraquat poisoning that led to pulmonary fibrosis-Widely reported by the media: A case report.

[Glyphosate detection in the duodenal fluid of horses with gastric ulcer syndrome].

Acute diquat poisoning causes rhabdomyolysis.

Effects of replacing fish meal with cottonseed protein concentrate on the growth, immune responses, digestive ability and intestinal microbial flora in *Litopenaeus vannamei*.

Evaluation of cinnamaldehyde mucoadhesive patches on minor recurrent aphthous stomatitis: a randomized, double-blind, placebo-controlled clinical trial.

Protective effect of cinnamaldehyde on channel catfish infected by drug-resistant *Aeromonas hydrophila*.

Homicidal paraquat poisoning: Poisoned while drinking.

[Clinical features of 86 cases of acute diquat poisoning].

Cinnamaldehyde induces autophagy-mediated cell death through ER stress and epigenetic modification in gastric cancer cells.

Quaternion of paraquat poisoning: icterus, oral ulceration, acute respiratory and renal failure.

The Metabolite Content of the Post-Culture Medium of the Tree Fern *Cyathea delgadii* Sternb. Cell Suspension Cultured in the Presence of 2,4-D and BAP.

Ellagic acid prevents gut damage via ameliorating microbe-associated intestinal lymphocyte imbalance.

Peripheral tissular analysis of rapamycin's effect as a neuroprotective agent in vivo.

A clinico-epidemiological Study of acute Self-poisoning by different Types of herbicidal Substances used in agricultural Fields: A Study from Patients admitted in a Tertiary Care Hospital in West Bengal.

A Deadly Herbicide 'Paraquat Poisoning' and Miserable Death of a 19 Years Boy.

Single-Center Experience With Paraquat Exposure in Nine Patients.

Protective effect of the *Spirulina platensis* against toxicity induced by Diuron exposure in *Mytilus galloprovincialis*.

The effect of tracheal occlusion in congenital diaphragmatic hernia in the nitrofen rat lung explant model.

Nano-formulations in treatment of iron deficiency anaemia: An overview.

Potential for TCDD to induce regulatory functions in B cells as part of the mechanism for T cell suppression in EAE.

The AHR target gene scinderin activates the WNT pathway by facilitating the nuclear translocation of β -catenin.

Synbiotics, prebiotics and probiotics for solid organ transplant recipients.

Lactoferrin for iron-deficiency anemia in children with inflammatory bowel disease: a clinical trial.

Sub-lethal concentration of metamifop exposure impair gut health of zebrafish (*Danio rerio*).

[The Role of Emergency Departments in Cross-Contamination: The Case of VRE].

Radiosynthesis and characterization of a carbon-11 PET tracer for receptor-interacting protein kinase 1.

A Paternal Fish Oil Diet Preconception Modulates the Gut Microbiome and Attenuates Necrotizing Enterocolitis in Neonatal Mice.

Molecular characterization of the aryl hydrocarbon receptor 2 gene in black rockfish, *Sebastes schlegelii*, and its expression patterns upon exposure to benzo[a]pyrene, 2,3,7,8-tetrachlorodibenzo-p-dioxin, and 1^β-naphthoflavone.

Geospatial Assessment of Pesticide Concentration in Ambient Air and Colorectal Cancer Incidence in Arkansas, 2013-2017.

Acute Dyspnea and Hemoptysis in an 84-Year-Old Man With Multiple Comorbidities.

Reduced Colonic Mucosal Injury in 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Poly ADP-Ribose Polymerase (TIPARP/PARP7)-Deficient Mice.

Pretreatment optimization of tissue metabolomics in colorectal cancer.

Potential therapies for sodium azide intoxication; a case report and review of the literature.

Novel intestinal dialysis interventions and microbiome modulation to control uremia.

Gut mobilization improves behavioral symptoms and modulates urinary p-cresol in chronically constipated autistic children: A prospective study.

How to Optimize the Effectiveness and Safety of Parkinson's Disease Therapy? - A Systematic Review of Drugs Interactions with Food and Dietary Supplements.

Gut Microbiome-Dependent Metabolic Pathways and Risk of Lethal Prostate Cancer: Prospective Analysis of a PLCO Cancer Screening Trial Cohort.

Ethnicity Associated Microbial and Metabonomic Profiling in Newly Diagnosed Ulcerative Colitis.

Environmentally relevant atrazine exposure leads to increases in DNA damage and changes in morphology in the hepatopancreas of crayfish (*Faxonius virilis*).

The desmoplastic growth pattern is associated with second-stage completion and longer survival in 2-stage hepatectomy for colorectal cancer liver metastases.

Sodium acetate/sodium butyrate alleviates lipopolysaccharide-induced diarrhea in mice via regulating the gut microbiota, inflammatory cytokines, antioxidant levels, and NLRP3/Caspase-1 signaling.

Chemical Composition and Cytotoxic Activity of Extracts from *Carpesium divaricatum*: In Vitro- versus Field-Grown Plants.

Periplaneta americana Extract Pretreatment Alleviates Oxidative Stress and Inflammation and Increases the Abundance of Gut *Akkermansia muciniphila* in Diquat-Induced Mice.

Cytotoxic and Apoptotic Effects of the Combination of Borax (Sodium Tetraborate) and 5-Fluorouracil on DLD-1 Human Colorectal Adenocarcinoma Cell Line.

A pilot evaluation on the toxicokinetics and bioaccumulation of polychlorinated naphthalenes in laying hens.

The Effects of Resistant Starch Consumption in Adult Patients With Chronic Kidney Disease: A Systematic Review.

Porcine Epidemic Diarrhea Virus Infection Subverts Arsenite-Induced Stress Granules Formation.

Tocopherol Enhances the Antioxidant Defense System and Histomorphometric Parameters in The Gastrointestinal Tract of Rats Treated with Sodium Arsenite.

Human Adult Microbiota in a Static Colon Model: AhR Transcriptional Activity at the Crossroads of Host-Microbe Interaction.

Dietary High Dose of Iron Aggravates the Intestinal Injury but Promotes Intestinal Regeneration by Regulating Intestinal Stem Cells Activity in Adult Mice With Dextran Sodium Sulfate-Induced Colitis.

Effects of benzotriazole UV stabilizers, UV-PS and UV-P, on the differentiation of splenic regulatory T cells via aryl hydrocarbon receptor.

Substitution of Refined Conventional Wheat Flour with Wheat High in Resistant Starch Modulates the Intestinal Microbiota and Fecal Metabolites in Healthy Adults: A Randomized, Controlled Trial.

Red propolis reduces inflammation in cyclophosphamide-induced hemorrhagic cystitis in rats.

Fate of undigested proteins in the pig large intestine: What impact on the colon epithelium?

Daily versus every other day oral iron supplementation in patients with iron deficiency anemia (DEODO): study protocol for a phase 3 multicentered, pragmatic, open-label, pilot randomized controlled trial.

The Potential Role of Mitochondrial Acetaldehyde Dehydrogenase 2 in Urological Cancers From the Perspective of Ferroptosis and Cellular Senescence.

Diquat Poisoning: Care Management and Medico-Legal Implications.

Distinguish oral-source VOCs and control their potential impact on breath biomarkers.

Interference of dietary polyphenols with potentially toxic amino acid metabolites derived from the colonic microbiota.

5-Aminosalicylic Acid, A Weak Agonist for Aryl Hydrocarbon Receptor That Induces Splenic Regulatory T Cells.

Subchronic exposure to a glyphosate-based herbicide causes dysplasia in the digestive tract of Wistar rats.

Prolonged exposure to the herbicide atrazine suppresses immune cell functions by inducing spleen cell apoptosis in rats.

Influence of Herbicide Exposure and Ranavirus Infection on Growth and Survival of Juvenile Red-Eared Slider Turtles (*Trachemys scripta elegans*).

Toxic effects of atrazine on immune function in BALB/c mice.

Acrolein contributes to human colorectal tumorigenesis through the activation of RAS-MAPK pathway.

Carvacrol and PPAR α agonist, pioglitazone, affects inhaled paraquat-induced lung injury in rats.

A mixture containing the herbicides Mesotrione and Atrazine imposes toxicological risks on workers of *Partamona helleri*.

Pneumoperitoneum from pneumomediastinum in paraquat poisoning.

A case of fatal intoxication by ingestion of an herbicide formulation containing fluroxypyr-meptyl and triclopyr.

Effects of a mixture of glyphosate, 17 β -ethynylestradiol and amyl salicylate on cellular and biochemical parameters of the mussel *Mytilus galloprovincialis*.

Acetylcholinesterase (AChE) monoclonal antibody generation and validation for use as a biomarker of glyphosate-based herbicide exposure in commercial freshwater fish.

Evaluation of the potential teratogenic and toxic effect of the herbicide 2,4-D (DMA $\text{\textcircled{R}}$ 806) in bullfrog embryos and tadpoles (*Lithobates catesbeianus*).

Genotoxic and epigenetic effects of diuron in the Pacific oyster: in vitro evidence of interaction between DNA damage and DNA methylation.

Common and particular biochemical responses of *Unio tumidus* to herbicide, pharmaceuticals and their combined exposure with heating.

Effects of chronic glyphosate exposure on antioxidative status, metabolism and immune response in tilapia (GIFT, *Oreochromis niloticus*).

Risk in the circular food economy: Glyphosate-based herbicide residues in manure fertilizers decrease crop yield.

Resveratrol: Isolation, and Its Nanostructured Lipid Carriers, Inhibits Cell Proliferation, Induces Cell Apoptosis in Certain Human Cell Lines Carcinoma and Exerts Protective Effect Against Paraquat-Induced Hepatotoxicity.

Association between pesticide exposure and colorectal cancer risk and incidence: A systematic review.

Evaluation of Multiple Organ Dysfunction Score (MODS) and the Sequential Organ Failure Assessment (SOFA) score as in-hospital outcome predictors among cases of hydrogen cyanamide exposure: a cross-sectional study.

Dietary cinnamaldehyde nanoemulsion boosts growth and transcriptomes of antioxidant and immune related genes to fight *Streptococcus agalactiae* infection in Nile tilapia (*Oreochromis niloticus*).

Cinnamaldehyde and hesperetin attenuate TNBS-induced ulcerative colitis in rats through modulation of the JAK2/STAT3/SOCS3 pathway.

Protective Effects of Cinnamaldehyde on the Inflammatory Response, Oxidative Stress, and Apoptosis in Liver of *Salmonella typhimurium*-Challenged Mice.

Esophagitis dissecans superficialis associated with acute transoral paraquat poisoning: Clinical study of 15 cases.

Corrosive Airway and Esophageal Injury in Paraquat Intoxication.

Suppression of Th17 cell differentiation via sphingosine-1-phosphate receptor 2 by cinnamaldehyde can ameliorate ulcerative colitis.

Cinnamaldehyde Could Reduce the Accumulation of Diarrhetic Shellfish Toxins in the Digestive Gland of the Mussel *Perna viridis* under Laboratory Conditions.

Novel FXR agonist nelumal A suppresses colitis and inflammation-related colorectal carcinogenesis.

[Analysis of clinical characteristics and prognostic factors in 40 cases of acute glyphosate poisoning].

The TRPA1 Agonist Cinnamaldehyde Induces the Secretion of HCO₃⁽⁻⁾ by the Porcine Colon.

Anti-*Enterococcus Faecalis*, Cytotoxicity, Phytotoxicity, and Anticancer Studies on *Clausena excavata* Burum. f. (Rutaceae) Leaves.

New Insights into the Antimicrobial Action of Cinnamaldehyde towards *Escherichia coli* and Its Effects on Intestinal Colonization of Mice.

Arsenic-induced lung inflammation and fibrosis in a rat model: Contribution of the HMGB1/RAGE, PI3K/AKT, and TGF- β ¹/SMAD pathways.

Potential role of dietary chitosan nanoparticles against immunosuppression, inflammation, oxidative stress, and histopathological alterations induced by pendimethalin toxicity in Nile tilapia.

Metabolite Profiling of Rosemary Cell Lines with Antiproliferative Potential against Human HT-29 Colon Cancer Cells.

Staphylococcus aureus Peptide Methionine Sulfoxide Reductases Protect from Human Whole-Blood Killing.

Intravenous iron is non-inferior to oral iron regarding cell growth and iron metabolism in colorectal cancer associated with iron-deficiency anaemia.

Iron preparations for women of reproductive age with iron deficiency anaemia in pregnancy (FRIDA): a systematic review and network meta-analysis.

Efficacy and safety of cenobamate in patients with uncontrolled focal seizures: A meta-analysis.

Oral Ferric Maltol Does Not Adversely Affect the Intestinal Microbiome of Patients or Mice, But Ferrous Sulphate Does.

[The Comparison of Iron Deficiency Anemia Rat Treated with Hydroxypropyl Chitosan Ferrous Ion Complex and Ferrous Sulfate].

Beverages containing *Lactobacillus paracasei* LC-37 improved functional dyspepsia through regulation of the intestinal microbiota and their metabolites.

[Risk factors associated with acute kidney injury caused by pesticide poisoning].

"That's Not His Regular Formula": A Case of Organophosphate Poisoning in an Infant.

Oligosaccharides increase the genotoxic effect of colibactin produced by pks+ Escherichia coli strains.

Comparison between oral ferrous sulfate and intravenous ferric carboxymaltose in children with restless sleep disorder.

Proportionate mortality study of unionized maintenance of way railroad workers.

Mucosal Deposition of Ferrous Sulfate Leading to Esophagitis Dissecans Superficialis.

TCDD attenuates EAE through induction of FasL on B cells and inhibition of IgG production.

Adverse effects of iron deficiency anemia on pregnancy outcome and offspring development and intervention of three iron supplements.

The impact of dextran sodium sulphate and probiotic pre-treatment in a murine model of Parkinson's disease.

Alginate-coated activated charcoal enhances fecal excretion of 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice, with fewer side effects than uncoated one.

Could Mesna and Celery Seed Cootherapy Modulate Oxidative Stress and Inflammation of the Urinary Bladder Induced by Ifosfamide in Rabbits?

An electrochemical immunosensor for the detection of carcinoembryonic antigen based on Au/g-C(3)N(4) NSs-modified electrode and CuCo/CNC as signal tag.

Lipid oxidation and aldehyde formation during in vitro gastrointestinal digestion of roasted scallop (*Patinopecten yessoensis*) - the role of added antioxidant of bamboo leaves.

[Vigilance against a highly lethal insecticide chlorfenapyr poisoning (report of 4 cases and literature review)].

GDNF requires HIF-1 α and RET activation for suppression of programmed cell death of enteric neurons by metabolic challenge.

Author Correction: Acrolein contributes to human colorectal tumorigenesis through the activation of RAS-MAPK pathway.

Effects of Coated Cysteamine on Oxidative Stress and Inflammation in Weaned Pigs.

Can kissing cause paraquat poisoning: A case report and review of literature.

Resveratrol Attenuates Diquat-Induced Oxidative Stress by Regulating Gut Microbiota and Metabolome Characteristics in Piglets.

Chloroacetanilide herbicide-induced rat enterochromaffin cell tumors: a case study within the context of the IPCS framework, for analyzing the relevance of a cancer mode of action for humans.

Metagenomic and phytochemical analyses of kefir water and its subchronic toxicity study in BALB/c mice.

Evaluation of pentoxifylline and ferrous sulfate for treatment of lower limb venous ulcers.

Comparison of Pancreatic Damage in Rats for Two Methods of Paraquat Administration.

Tracheary elements from calli of Japanese horse chestnut (*Aesculus turbinata*) form perforation-like structures.

Paraquat poisoning in Andaman and Nicobar Islands - Government must intervene.

In vitro and in vivo digestion of red cured cooked meat: oxidation, intestinal microbiota and fecal metabolites.

Experimental acute arsenic toxicity in Balb/c mice: organic markers and splenic involvement.

Occupational use of agrochemicals results in inhibited cholinesterase activity and altered reproductive hormone levels in male farmers from Buea, Cameroon.

Analysis of the Soil Fumigant, Dimethyl Disulfide, in Swine Blood by Dynamic Headspace Gas Chromatography-Mass Spectroscopy.

Report of a Case of Paraquat Poisoning and Mediastinal Involvement.

Quercetin Alleviates Oxidative Damage by Activating Nuclear Factor Erythroid 2-Related Factor 2 Signaling in Porcine Enterocytes.

2,4-Dichlorophenoxyacetic Acid Poisoning Mimicking as Organophosphorus Poisoning.

The mycobiome in murine intestine is more perturbed by food arsenic exposure than in excreted feces.

Synthesis and Screening of New [1,3,4]Oxadiazole, [1,2,4]Triazole, and [1,2,4]Triazolo[4,3-b][1,2,4]triazole Derivatives as Potential Antitumor Agents on the Colon Carcinoma Cell Line (HCT-116).

Is Gluten the Only Culprit for Non-Celiac Gluten/Wheat Sensitivity?

The protective effects of melatonin on survival, immune response, digestive enzymes activities and intestinal microbiota diversity in Chinese mitten crab (*Eriocheir sinensis*) exposed to glyphosate.

Ion transport mechanisms for smoke inhalation-injured airway epithelial barrier.

The glyphosate formulation Roundup® LB plus influences the global metabolome of pig gut microbiota in vitro.

Transcriptomic and metabolomic landscape of the molecular effects of glyphosate commercial formulation on *Apis mellifera ligustica* and *Apis cerana cerana*.

Physiological mechanisms and phytoremediation potential of the macrophyte *Salvinia biloba* towards a commercial formulation and an analytical standard of glyphosate.

Ovarian mitochondrial and oxidative stress proteins are altered by glyphosate exposure in mice.

Depletion of NK cells attenuates paraquat-induced acute lung injury by manipulating macrophage polarization.

[Nursing care of esophagitis *dissecans superficialis* caused by acute paraquat poisoning].

Systemic Paraquat Intoxication Presenting with Peripheral Ulcerative Keratitis: A Case Report and Literature Review.

Glyphosate-induced Delayed Pyloric Obstruction, Ulcer and Scar Changes.

Does pendimethalin develop in pancreatic cancer induced inflammation?

Toxicity of diuron metabolites in human cells.

Formation of di-cysteine acrolein adduct decreases cytotoxicity of acrolein by ROS alleviation and apoptosis intervention.

Antioxidant and Anti-Inflammatory Effects of Different Zinc Sources on Diquat-Induced Oxidant Stress in a Piglet Model.

The effects of glyphosate and AMPA on the mediterranean mussel *Mytilus galloprovincialis* and its microbiota.

2,4-Dichlorophenoxyacetic Thiosemicarbazides as a New Class of Compounds Against Stomach Cancer Potentially Intercalating with DNA.

Increased risk of head and neck cancer in Agent Orange exposed Vietnam Era veterans.

Cinnamaldehyde Treatment of Prostate Cancer-Associated Fibroblasts Prevents Their Inhibitory Effect on T Cells Through Toll-Like Receptor 4.

Dicamba use and cancer incidence in the agricultural health study: an updated analysis.

Co-hybridized composite nanovesicles for enhanced transdermal eugenol and cinnamaldehyde delivery and their potential efficacy in ulcerative colitis.

Lethal diquat poisoning manifesting as central pontine myelinolysis and acute kidney injury: A case report and literature review.

[Therapeutic effect of cinnamaldehyde on ulcerative colitis in mice induced by dextran sulfate sodium with *Candida albicans* colonization and its effect on dectin-1/TLRs/NF- κ B signaling pathway].

Biogenic selenium nanoparticles synthesized by *Lactobacillus casei* ATCC 393 alleviate diquat-induced intestinal barrier dysfunction in C57BL/6 mice through their antioxidant activity.

Protective effects of Alda-1, an ALDH2 activator, on alcohol-derived DNA damage in the esophagus of human ALDH2*2 (Glu504Lys) knock-in mice.

Rationally Designed Polymer Conjugate for Tumor-Specific Amplification of Oxidative Stress and Boosting Antitumor Immunity.

Ingestion of organic acids and cinnamaldehyde improves tissue homeostasis of piglets exposed to enterotoxigenic *Escherichia coli* (ETEC).

Use of low-molecular-weight heparin in severe paraquat poisoning: a case report.

Transient receptor potential ankyrin-1 causes rapid bronchodilation via nonepithelial PGE(2).

Bioaccessibility of arsenic from gastropod along the Xiangjiang River: Assessing human health risks using an in vitro digestion model.

AhR Activation Leads to Alterations in the Gut Microbiome with Consequent Effect on Induction of Myeloid Derived Suppressor Cells in a CXCR2-Dependent Manner.

Comparison between Iberet Folic(Â®) and Zincofer(Â®) in treatment of iron deficiency anaemia in pregnancy.

The Impact of Low-Level Iron Supplements on the Faecal Microbiota of Irritable Bowel Syndrome and Healthy Donors Using In Vitro Batch Cultures.

[Omphalomesenteric fistulas; epidemiological diagnostic and therapeutic features: study of four cases in the Department of Pediatric Surgery at the Aristide Le Dantec University Hospital in Dakar].

Baicalein Restores the Balance of Th17/Treg Cells via Aryl Hydrocarbon Receptor to Attenuate Colitis.

In Vitro Studies on Therapeutic Potential of Probiotic Yeasts Isolated from Various Sources.

Developmental 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure of either parent enhances the risk of necrotizing enterocolitis in neonatal mice.

In vitro study of pharmacobezoar formation in simulated acetaminophen overdose.

Efficacy of a High-Iron Dietary Intervention in Women with Celiac Disease and Iron Deficiency without Anemia: A Clinical Trial.

Wheat flour fortification with iron for reducing anaemia and improving iron status in populations.

Microbiota Composition and Metabolism Are Associated With Gut Function in Parkinson's Disease.

Magnetic organic porous polymer as a solid-phase extraction adsorbent for enrichment and quantitation of gastric cancer biomarkers (P-cresol and 4-hydroxybenzoic acid) in urine samples by UPLC.

Randomized phase 2 study of adjunctive cenobamate in patients with uncontrolled focal seizures.

Gut microbiota generation of protein-bound uremic toxins and related metabolites is not altered at different stages of chronic kidney disease.

Genomic data reveal international lineages of critical priority Escherichia coli harbouring wide resistome in Andean condors (Vultur gryphus Linnaeus, 1758).

A murine model of Staphylococcus aureus infected chronic diabetic wound: A new tool to develop alternative therapeutics.

Occupational exposures and odds of gastric cancer: a StoP project consortium pooled analysis.

Cecal Tumorigenesis in Aryl Hydrocarbon Receptor-Deficient Mice Depends on Cecum-Specific Mitogen-Activated Protein Kinase Pathway Activation and Inflammation.

In vivo acute toxicity and anti-gastric evaluation of a novel dichloro Schiff base: Bax and HSP70 alteration.

Arsenic-induced immunomodulatory effects disorient the survival-death interface by stabilizing the Hsp90/Beclin1 interaction.

The Dark Side of Iron.

Microbiome and Metabolome Profiles Associated With Different Types of Short Bowel Syndrome: Implications for Treatment.

Bowel Habits and the Association With Uremic Toxins in Non-Dialysis-Dependent Chronic Kidney Disease Patients.

Distribution and risk factor analysis for Clostridium difficile-associated diarrhea among hospitalized children over one year of age.

Attenuation of potassium dichromate and sodium arsenite toxicities by methanol extract of Rauvolfia vomitoria in mice.

Responses of Intestinal Microbiota and Immunity to Increasing Dietary Levels of Iron Using a Piglet Model.

Tissue- and Region-Specific Accumulation of Arsenic Species, Especially in the Brain of Mice, After Long-term Arsenite Exposure in Drinking Water.

Separating the Empirical Wheat From the Pseudoscientific Chaff: A Critical Review of the Literature Surrounding Glyphosate, Dysbiosis and Wheat-Sensitivity.

Moderate Wine Consumption Reduces Faecal Water Cytotoxicity in Healthy Volunteers.

Chronic and acute arsenic exposure enhance EGFR expression via distinct molecular mechanisms.

Course of matrix metalloproteinase-1 and pulmonary oxygenation in acute respiratory distress syndrome caused by oral ingestion of large doses of oxadiazon/butachlor emulsion: a case report.

Introducing of potent cytotoxic novel 2-(aroylamino)cinnamamide derivatives against colon cancer mediated by dual apoptotic signal activation and oxidative stress.

Chronic arsenic exposure induces the time-dependent modulation of inflammation and immunosuppression in spleen.

Caspofungin induces the release of Ca(2+) ions from internal stores by activating ryanodine receptor-dependent pathways in human tracheal epithelial cells.

Enhanced alcohol degradation and hepatic protective effects of an Acetobacter Pasteurianus-derived product, CureZyme-ACE, in an acute intoxication rat model.

The Role of Vitamin D Receptor Gene Polymorphisms in Colorectal Cancer Risk.

Iron Overload in Gastric Mucosa: Underdiagnosed Condition Rarely Documented in Clinical and Pathology Reports.

Ferrous Sulfate-Induced Esophageal Injury Leading to Esophagitis Dissecans Superficialis.

Sarcoidosis: Causes, Diagnosis, Clinical Features, and Treatments.

Acute obstructive fibrinous laryngotracheobronchitis induced by severe glyphosate surfactant intoxication: A case report.

Erratum: Esophageal perforation and death following glyphosate poisoning.

Glycyrrhizic acid modulates the atrazine-induced apoptosis in rabbit spleen.

Atrazine induces necroptosis by miR-181-5p targeting inflammation and glycometabolism in carp lymphocytes.

Identification of signal pathways for immunotoxicity in the spleen of common carp exposed to chlorpyrifos.

Decrease in Butyrylcholinesterase Accompanied by Intermediate-like Syndrome after Massive Ingestion of a Glyphosate-surfactant.

Ecotoxicological hazard of a mixture of glyphosate and aminomethylphosphonic acid to the mussel *Mytilus galloprovincialis* (Lamarck 1819).

Cellular, humoral and molecular responses in rainbow trout (*Oncorhynchus mykiss*) exposed to a herbicide and subsequently infected with infectious hematopoietic necrosis virus.

Comparison of four pharmacological strategies aimed to prevent the lung inflammation and paraquat-induced alveolar damage.

Effects of the glyphosate-based herbicide roundup on the survival, immune response, digestive activities and gut microbiota of the Chinese mitten crab, *Eriocheir sinensis*.

Clinical features and risk factors of acute kidney injury in children with acute paraquat intoxication.

Serial measurement of glyphosate blood concentration in a glyphosate potassium herbicide-intoxicated patient: A case report.

Clinical outcome of paraquat poisoning during pregnancy.

Glyphosate induces benign monoclonal gammopathy and promotes multiple myeloma progression in mice.

Surgical treatment of pyloric stenosis caused by glyphosate poisoning: A case report.

Retrospective study of clinical features and prognosis of edaravone in the treatment of paraquat poisoning.

Pulmonary Tumor Thrombotic Microangiopathy Mimicking Inhalation Lung Injury.

Homicidal Paraquat Poisoning.

Use of Pesticides and Health Risk among Farmers in Sunsari District, Nepal.

Long-term Immunotoxic Effects of Oral Prenatal and Neonatal Atrazine Exposure.

Toxicological impact of oxyfluorfen 24% herbicide on the reproductive system, antioxidant enzymes, and endocrine disruption of *Biomphalaria alexandrina* (Ehrenberg, 1831) snails.

Alleviation of paraquat-induced oxidative lung injury by betaine via regulation of sulfur-containing amino acid metabolism despite the lack of betaine-homocysteine methyltransferase (BHMT) in the lung.

Cinnamaldehyde enhances apoptotic effect of oxaliplatin and reverses epithelial-mesenchymal transition and stemness in hypoxic colorectal cancer cells.

Altered gastric tone and motility response to brain-stem dopamine in a rat model of parkinsonism.

Doxycycline alleviates paraquat-induced acute lung injury by inhibiting neutrophil-derived matrix metalloproteinase 9.

trans-Cinnamaldehyde mitigated intestinal inflammation induced by *Cronobacter sakazakii* in newborn mice.

Activation of Nrf2 attenuates delayed gastric emptying in obesity induced diabetic (T2DM) female mice.

Acid-responsive nanoparticles as a novel oxidative stress-inducing anticancer therapeutic agent for colon cancer.

Suppression of miR-21 and miR-155 of macrophage by cinnamaldehyde ameliorates ulcerative colitis.

Effects of Sublethal Thymol, Carvacrol, and trans-Cinnamaldehyde Adaptation on Virulence Properties of *Escherichia coli* O157:H7.

[Brain abscess revealing trilogy of Fallot in a child: about a case at the University Teaching Hospital of Parakou, Benin].

Ischemic gastritis due to oral iron.

Dioxin-like (DL-) polychlorinated biphenyls induced immunotoxicity through apoptosis in mice splenocytes via the AhR mediated mitochondria dependent signaling pathways.

Expression and Functional Analysis of Hepcidin from Mandarin Fish (*Siniperca chuatsi*).

Lesion of the Locus Coeruleus Damages Learning and Memory Performance in Paraquat and Maneb-induced Mouse Parkinson's Disease Model.

Radiomics Nomogram Analyses for Differentiating Pneumonia and Acute Paraquat Lung Injury.

Magnetic nanoparticles-loaded liposomes as a novel treatment agent for iron deficiency anemia: In vivo study.

Divergent Synthesis and Evaluation of the in vitro Cytotoxicity Profiles of 3,4-Ethylenedioxythiophenyl-2-propen-1-one Analogues.

Fecal Changes Following Introduction of Milk in Infants With Outgrowing Non-IgE Cow's Milk Protein Allergy Are Influenced by Previous Consumption of the Probiotic LGG.

Iron bioavailability of four iron sources used to fortify infant cereals, using anemic weaning pigs as a model.

LC-MS/MS study of the degradation processes of nitisinone and its by-products.

Comparison of iron-reduced and iron-supplemented semisynthetic diets in T cell transfer colitis.

Molecular analysis and genotyping of pathogenicity locus in *Clostridioides difficile* strains isolated from patients in Tehran hospitals during the years 2007-2010.

Faecal volatile biomarkers of *Clostridium difficile* infection.

Chiral phenoxyacetic acid analogues inhibit colon cancer cell proliferation acting as PPAR γ partial agonists.

2,3,7,8-tetrachlorodibenzo-p-dioxin suppresses the growth of human colorectal cancer cells in vitro: Implication of the aryl hydrocarbon receptor signaling.

Crizotinib-induced erosive esophagitis in a pediatric patient with neuroblastoma.

Development of iron(II) sulfate nanoparticles produced by hot-melt extrusion and their therapeutic potentials for colon cancer.

[Mortality in the population surrounding an aluminum foundry in Eastern Piedmont, Italy, 1980-2017].

High Pesticide Exposure Events and Olfactory Impairment among U.S. Farmers.

Modelling the role of microbial p-cresol in colorectal genotoxicity.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces peripheral blood abnormalities and plasma cell neoplasms resembling multiple myeloma in mice.

A method of detecting two tumor markers (p-hydroxybenzoic acid and p-cresol) in human urine using a porous magnetic β -cyclodextrine polymer as solid phase extractant, an alternative for early gastric cancer diagnosis.

Assessment of Acute Serum Iron, Non-Transferrin-Bound Iron, and Gastrointestinal Symptoms with 3-Week Consumption of Iron-Enriched *Aspergillus oryzae* Compared with Ferrous Sulfate.

Oxidative stress, lysosomal damage and dysfunctional autophagy in molluscan hepatopancreas (digestive gland) induced by chemical contaminants.

Gut Microbiota in Alcoholic Hepatitis is Disparate from Those in Acute Alcoholic Pancreatitis and Biliary Disease.

AhR Activation by TCDD (2,3,7,8-Tetrachlorodibenzo-p-dioxin) Attenuates Pertussis Toxin-Induced Inflammatory Responses by Differential Regulation of Tregs and Th17 Cells Through Specific Targeting by microRNA.

Clinical Features, Treatment, Prognosis, and Mortality in Paraquat Poisonings: A Hospital-Based Study in Iran.

Tannic acid modulates intestinal barrier functions associated with intestinal morphology, antioxidative activity, and intestinal tight junction in a diquat-induced mouse model.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced aryl hydrocarbon receptor activation enhanced the suppressive function of mesenchymal stem cells against splenocyte proliferation.

Gut microbial transformation of the dietary mutagen MeIQx may reduce exposure levels without altering intestinal transport.

Severe ARDS Complicating an Acute Intentional Cresol Poisoning.

Metabolism of 3-[5'-deoxy-5'-(dimethylarsinoyl)- β -ribofuranosyloxy]-2-hydroxypropylene glycol in an artificial digestive system.

Comparing the Microbial Community in Four Stomach of Dairy Cattle, Yellow Cattle and Three Yak Herds in Qinghai-Tibetan Plateau.

Esophageal Pharmacobezoar in a Patient with Achalasia: A Case Report.

Hermetia illucens larvae as a potential dietary protein source altered the microbiota and modulated mucosal immune status in the colon of finishing pigs.

Pollutants released from the pulp paper industry: Aquatic toxicity and their health hazards.

Identification of acrolein metabolites in human buccal cells, blood, and urine after consumption of commercial fried food.

Formation of dioxins from triclosan with active chlorine: A potential risk assessment.

The Impact of Long-term Exposure to Low Levels of Inorganic Arsenic on the Hypomethylation of SEPT9 Promoter in Epithelial-Mesenchymal Transformed Colorectal Cancer Cell Lines.

Synthesis and preclinical evaluation of the CRTH2 antagonist [(11)C]MK-7246 as a novel PET tracer and potential surrogate marker for pancreatic beta-cell mass.

Glutathione peroxidase-1 inhibits transcription of regenerating islet-derived protein-2 in pancreatic islets.

ER stress differentially affects pro-inflammatory changes induced by mitochondrial dysfunction in the human monocytic leukemia cell line, THP-1.

Radiosynthesis and in vivo evaluation of (11)C-labeled BMS-193885 and its desmethyl analog as PET tracers for neuropeptide Y1 receptors.

The effects of hesperidin on sodium arsenite-induced different organ toxicity in rats on metabolic enzymes as antidiabetic and anticholinergics potentials: A biochemical approach.

Bacterial community and metabolome shifts in the cecum and colon of captive sika deer (*Cervus nippon*) from birth to post weaning.

Ameliorative effect of gallic acid on sodium arsenite-induced spleno-, cardio- and hemato-toxicity in rats.

Metabolic Basis for Mutualism between Gut Bacteria and Its Impact on the *Drosophila melanogaster* Host.

Microscopic structure of albino rats' small intestine.

Macrophytes are highly sensitive to the herbicide diquat dibromide in test systems of varying complexity.

Apigenin reverses lung injury and immunotoxicity in paraquat-treated mice.

Effects of aminomethylphosphonic acid, the main breakdown product of glyphosate, on cellular and biochemical parameters of the mussel *Mytilus galloprovincialis*.

Beneficial effects of ascorbic acid to treat lung fibrosis induced by paraquat.

Acute and subchronic effects of three herbicides on biomarkers and reproduction in earthworm *Dendrobaena veneta*.

Vitamin D treatment abrogates the inflammatory response in paraquat-induced lung fibrosis.

Atrazine promotes immunomodulation by melanomacrophage centre alterations in spleen and vascular disorders in gills from *Oreochromis niloticus*.

Pre-protective effects of dietary chitosan supplementation against oxidative stress induced by diquat in weaned piglets.

Influences of *Chlorella vulgaris* dietary supplementation on growth performance, hematology, immune response and disease resistance in *Oreochromis niloticus* exposed to sub-lethal concentrations of penoxsulam herbicide.

Ecotoxicological effects of the herbicide glyphosate in non-target aquatic species: Transcriptional responses in the mussel *Mytilus galloprovincialis*.

Acrolein-induced oxidative stress and genotoxicity in rats: protective effects of whey protein and conjugated linoleic acid.

Is endotracheal intubation a non-beneficial treatment in patients with respiratory failure due to paraquat poisoning?

Paraquat treatment modulates integrin associated protein (CD47) and basigin (CD147) expression and mitochondrial potential on erythroid cells in mice.

Ecotoxicological risk assessment for the herbicide glyphosate to non-target aquatic species: A case study with the mussel *Mytilus galloprovincialis*.

Glyphosate ingestion causing multiple organ failure: a near-fatal case report.

Lethal Bentazone Intoxication - A Report of Two Cases.

Commercial AHAS-inhibiting herbicides are promising drug leads for the treatment of human fungal pathogenic infections.

Novel cinnamaldehyde-based aspirin derivatives for the treatment of colorectal cancer.

FGF21 attenuates pulmonary fibrogenesis through ameliorating oxidative stress in vivo and in vitro.

Submicron emulsion of cinnamaldehyde ameliorates bleomycin-induced idiopathic pulmonary fibrosis via inhibition of inflammation, oxidative stress and epithelial-mesenchymal transition.

Short communication: Investigation of antibiotic alternatives to improve health and growth of veal calves.

Immunomodulatory and therapeutic role of *Cinnamomum verum* extracts in collagen-induced arthritic BALB/c mice.

Anti-inflammatory effect of cinnamaldehyde and linalool from the leaf essential oil of *Cinnamomum osmophloeum* Kanehira in endotoxin-induced mice.

Cow's milk neutralizes the cytotoxicity of acrolein, a putative carcinogen in cigarette smoke.

Caprylic acid and nonanoic acid upregulate endogenous host defense peptides to enhance intestinal epithelial immunological barrier function via histone deacetylase inhibition.

Cigarette Smoke Toxins-Induced Mitochondrial Dysfunction and Pancreatitis Involves Aryl Hydrocarbon Receptor Mediated Cyp1 Gene Expression: Protective Effects of Resveratrol.

Recognising the return of nutritional deficiencies: a modern pellagra puzzle.

Preoperative Epoetin- $\hat{\pm}$ with Intravenous or Oral Iron for Major Orthopedic Surgery: A Randomized Controlled Trial.

Para-cresol production by *Clostridium difficile* affects microbial diversity and membrane integrity of Gram-negative bacteria.

Effect of various calcium salts on non-heme iron bioavailability in fasted women of childbearing age.

Quercetin modulates iron homeostasis and iNOS expression of splenic macrophages in a rat model of iron deficiency anemia.

Sensitization of colorectal cancer cells to irinotecan by the Survivin inhibitor LLP3 depends on XAF1 proficiency in the context of mutated p53.

Pea Ferritin Stability under Gastric pH Conditions Determines the Mechanism of Iron Uptake in Caco-2 Cells.

Acute Metam Sodium Poisoning Caused by Occupational Exposure at a Flower Farm - Uganda, October 2016.

Food and nutrition insecurity indicators associated with iron deficiency anemia in Brazilian children: a systematic review.

Comparative roles of *clpA* and *clpB* in the survival of *S. Typhimurium* under stress and virulence in poultry.

Sucrosomial Iron Supplementation in Anemic Patients with Celiac Disease Not Tolerating Oral Ferrous Sulfate: A Prospective Study.

Probiotic/prebiotic correction for adverse effects of iron fortification on intestinal resistance to *Salmonella* infection in weaning mice.

[About a cresol intoxication].

Nutritional status affects the bioaccessibility and speciation of arsenic from soils in a simulator of the human intestinal microbial ecosystem.

The effect of prenatal exposure on disposition of hexachloronaphthalene in female Wistar rats and fetal compartment.

Reduced intestinal epithelial mitochondrial function enhances in vitro interleukin-8 production in response to commensal *Escherichia coli*.

Roles of dietary supplementation with arginine or N-carbamylglutamate in modulating the inflammation, antioxidant property, and mRNA expression of antioxidant-relative signaling molecules in the spleen of rats under oxidative stress.

Photocatalytic decomposition of selected biologically active compounds in environmental waters using TiO₂/polyaniline nanocomposites: Kinetics, toxicity and intermediates assessment.

Bioaccumulation of As, Hg, and Se in tunas *Thunnus albacares* and *Katsuwonus pelamis* from the Eastern Pacific: tissue distribution and As speciation.

The impact of short-chain fatty acids on GLP-1 and PYY secretion from the isolated perfused rat colon.

Ferric citrate and ferric EDTA but not ferrous sulfate drive amphiregulin-mediated activation of the MAP kinase ERK in gut epithelial cancer cells.

Enzyme polymorphism, oxygen and injury: a lipidomic analysis of flight-induced oxidative damage in a succinate dehydrogenase d (Sdh_d)-polymorphic insect.

ER-stress mobilization of death-associated protein kinase-1-dependent xenophagy counteracts mitochondria stress-induced epithelial barrier dysfunction.

Green synthesis of NiO nanoparticles using *Aegle marmelos* leaf extract for the evaluation of in-vitro cytotoxicity, antibacterial and photocatalytic properties.

Dysregulation of antioxidant responses in patients diagnosed with concomitant Primary Sclerosing Cholangitis/Inflammatory Bowel Disease.

Risk factors for intestinal colonization with vancomycin resistant enterococci' A prospective study in a level III pediatric intensive care unit.

Comparison of in vivo toxicity, antioxidant and immunomodulatory activities of coconut, niphah and pineapple juice vinegars.

The potential protective role of Akropower against Atrazine- induced humoral immunotoxicity in rabbits.

Oxidative stress induced by glyphosate-based herbicide on freshwater turtles.

Mixture Toxicity of Bensulfuron-Methyl and Acetochlor to Red Swamp Crayfish (*Procambarus clarkii*): Behavioral, Morphological and Histological Effects.

[Paraquat poisoning mechanism and its clinical treatment progress].

Lack of immunotoxic effects of repeated exposure to atrazine associated with the adaptation of adrenal gland activation.

Efficacy of *Spirulina platensis* diet supplements on disease resistance and immune-related gene expression in *Cyprinus carpio* L. exposed to herbicide atrazine.

[The study of using salvianolate treat acute lung injury in rats induced by paraquat].

Effects of airborne toxicants on pulmonary function and mitochondrial DNA damage in rodent lungs.

Paraquat poisoning: Acute lung injury - a missed diagnosis.

[Evaluation of adsorption effect of activated charcoal on oral paraquat poisoning: an experimental study on large animal].

Investigation Paraquat Poisoning in Southwest of Iran - from Sign to Mortality and Morbidity.

Aldo-keto reductase 1B10 protects human colon cells from DNA damage induced by electrophilic carbonyl compounds.

A Nigro-Vagal Pathway Controls Gastric Motility and Is Affected in a Rat Model of Parkinsonism.

Novel tetrazole and cyanamide derivatives as inhibitors of cyclooxygenase-2 enzyme: design, synthesis, anti-inflammatory evaluation, ulcerogenic liability and docking study.

Coadministration of isomalto-oligosaccharides augments metabolic health benefits of cinnamaldehyde in high fat diet fed mice.

Cinnamon reduces inflammatory response in intestinal fibroblasts in vitro and in colitis in vivo leading to decreased fibrosis.

Carbenoxolone inhibits TRPV4 channel-initiated oxidative urothelial injury and ameliorates cyclophosphamide-induced bladder dysfunction.

Targeted proteome analysis with isotope-coded protein labels for monitoring the influence of dietary phytochemicals on the expression of cytoprotective proteins in primary human colon cells.

Novel 2,4-dichlorophenoxy acetic acid substituted thiazolidin-4-ones as anti-inflammatory agents: Design, synthesis and biological screening.

Cytotoxicity and cellular response mechanisms of water-soluble platinum(II) complexes of lidocaine and phenylcyanamide derivatives.

Different Routes for Conifer- and Sinapaldehyde and Higher Saccharification upon Deficiency in the Dehydrogenase CAD1.

In vitro study of soil arsenic release by human gut microbiota and its intestinal absorption by Caco-2 cells.

The Cystic Fibrosis Transmembrane Conductance Regulator Potentiator Ivacaftor Augments Mucociliary Clearance Abrogating Cystic Fibrosis Transmembrane Conductance Regulator Inhibition by Cigarette Smoke.

Conjugation of nitrated acetaminophen to Der p1 amplifies peripheral blood monocyte response to Der p1.

Hijiki and sodium arsenite stimulate growth of human colorectal adenocarcinoma cells through ERK1/2 activation.

Point-of-use fortification of foods with micronutrient powders containing iron in children of preschool and school-age.

Paclitaxel-mediated human aryl hydrocarbon receptor mRNA translation by an internal ribosomal entry site-dependent mechanism.

Enhancing miR-132 expression by aryl hydrocarbon receptor attenuates tumorigenesis associated with chronic colitis.

Linking arsenite- and cadmium-generated oxidative stress to microsatellite instability in vitro and in vivo.

The relationship between dioxins exposure and risk of prostate cancer with steroid hormone and age in Vietnamese men.

Effects of Orally Ingested Arsenic on Respiratory Epithelial Permeability to Bacteria and Small Molecules in Mice.

Antimicrobial agents, triclosan, chloroxylenol, methylisothiazolinone and borax, used in cleaning had genotoxic and histopathologic effects on rainbow trout.

Short Chain Fatty Acids Enhance Aryl Hydrocarbon (Ah) Responsiveness in Mouse Colonocytes and Caco-2 Human Colon Cancer Cells.

Absence of the NOD2 protein renders epithelia more susceptible to barrier dysfunction due to mitochondrial dysfunction.

Iron supplementation in singleton pregnancy: Is there a benefit to doubling the dose of elemental iron in iron-deficient pregnant women? a randomized controlled trial.

Effect of Low-Dose Ferrous Sulfate vs Iron Polysaccharide Complex on Hemoglobin Concentration in Young Children With Nutritional Iron-Deficiency Anemia: A Randomized Clinical Trial.

The history of arsenical pesticides and health risks related to the use of Agent Blue.

The decreased growth performance and impaired immune function and structural integrity by dietary iron deficiency or excess are associated with TOR, NF- κ B, p38MAPK, Nrf2 and MLCK signaling in head kidney, spleen and skin of grass carp (*Ctenopharyngodon idella*).

Levels and profiles of organohalogenated contaminants in human blood from Egypt.

Oral Iron Treatment Response and Predictors in Anaemic Adolescents and Adults with IBD: A Prospective Controlled Open-Label Trial.

Antagonistic and Quantitative Assessment of Indigenous Lactic acid Bacteria in Different Varieties of Ogi against Gastrointestinal Pathogens.

Iron Supplements Modulate Colon Microbiota Composition and Potentiate the Protective Effects of Probiotics in Dextran Sodium Sulfate-induced Colitis.

Fecal metagenomic profiles in subgroups of patients with myalgic encephalomyelitis/chronic fatigue syndrome.

Saccharomyces boulardii probiotic-associated fungemia: questioning the safety of this preventive probiotic's use.

Acute esophageal injury and strictures following corrosive ingestions in a 27year cohort.

Amelioration of arsenic-induced toxic effects in mice by dietary supplementation of *Syzygium cumini* leaf extract.

Randomized clinical trial of preoperative oral versus intravenous iron in anaemic patients with colorectal cancer.

[Uremic toxins and gut micro biome].

Determination of S-methyl-L-methionine (SMM) from Brassicaceae Family Vegetables and Characterization of the Intestinal Transport of SMM by Caco-2 Cells.

Ion Imbalance Is Involved in the Mechanisms of Liver Oxidative Damage in Rats Exposed to Glyphosate.

A fatal case of acute bentazone overdose despite cricothyroidotomy during cardiopulmonary resuscitation.

Fertility enhancing activity and toxicity profile of aqueous extract of *Chasmanthera dependens* roots in male rats.

In Silico Analysis of Putrefaction Pathways in Bacteria and Its Implication in Colorectal Cancer.

Novel Pathways of Ponatinib Disposition Catalyzed By CYP1A1 Involving Generation of Potentially Toxic Metabolites.

Gut Microbial Transformation of the Dietary Imidazoquinoxaline Mutagen MeIQx Reduces Its Cytotoxic and Mutagenic Potency.

Arsenic exposure impels CD4 commitment in thymus and suppress T cell cytokine secretion by increasing regulatory T cells.

Patchouli oil ameliorates acute colitis: A targeted metabolite analysis of 2,4,6-trinitrobenzenesulfonic acid-induced rats.

Squamous epithelium formation in the respiratory intestine of the bronze Corydoras *Corydoras aeneus* (Callichthyidae Teleostei).

Interactive effects of protein and carbohydrates on production of microbial metabolites in the large intestine of growing pigs.

Butyrate alters expression of cytochrome P450 1A1 and metabolism of benzo[a]pyrene via its histone deacetylase activity in colon epithelial cell models.

A rare case of epilepsy and acute pancreatitis induced by severe paraquat poisoning.

New insights into the role of spermine in enhancing the antioxidant capacity of rat spleen and liver under oxidative stress.

SILAC-based quantitative proteomic analysis reveals widespread molecular alterations in human skin keratinocytes upon chronic arsenic exposure.

Differential effect of early antibiotic intervention on bacterial fermentation patterns and mucosal gene expression in the colon of pigs under diets with different protein levels.

Mumps caused by paraquat-induced poisoning: A case report.

Cellular ROS imaging with hydro-Cy3 dye is strongly influenced by mitochondrial membrane potential.

[Dose-effect relationship between vitamin C and paraquat poisoning rats].

Histone deacetylase inhibitors mediate DNA damage repair in ameliorating hemorrhagic cystitis.

Effect of atrazine on immunocompetence of red-eared slider turtle (*Trachemys scripta*).

Glyphosate (Pesticides).

Atrazine induces endoplasmic reticulum stress-mediated apoptosis of T lymphocytes via the caspase-8-dependent pathway.

[Clinical effect of compound monoammonium glycyrrhizinate combined with dandelion in treatment of acute paraquat poisoning].

Protective effect of *Berberis vulgaris* fruit extract against Paraquat-induced pulmonary fibrosis in rats.

The role of ions, heavy metals, fluoride, and agrochemicals: critical evaluation of potential aetiological factors of chronic kidney disease of multifactorial origin (CKDmfo/CKDu) and recommendations for its eradication.

Combined Effects of Pesticides and Trematode Infections on Hourglass Tree Frog *Polypedates cruciger*.

Acute paraquat exposure impairs colonic motility by selectively attenuating nitrergic signalling in the mouse.

[Experimental evaluation of the impact of low doses of the herbicide 2,4-D in drinking water on some indices of lipid and immune status].

Oral Exposure to Atrazine Induces Oxidative Stress and Calcium Homeostasis Disruption in Spleen of Mice.

[The protective effect of bone marrow mesenchymal stem cells carrying antioxidant gene superoxide dismutase on paraquat lung injury in mice].

New water-soluble palladium(II) complexes of lidocaine and phenylcyanamide derivative ligands: cytotoxicity and cellular response mechanisms.

p-Hydroxycinnamaldehyde induces the differentiation of oesophageal carcinoma cells via the cAMP-RhoA-MAPK signalling pathway.

Cinnamaldehydes in Cancer Chemotherapy.

Superoxide-hydrogen peroxide imbalance interferes with colorectal cancer cells viability, proliferation and oxaliplatin response.

Cinnamaldehyde affects the biological behavior of human colorectal cancer cells and induces apoptosis via inhibition of the PI3K/Akt signaling pathway.

Discovery of a novel anticancer agent with both anti-topoisomerase I and II activities in hepatocellular carcinoma SK-Hep-1 cells in vitro and in vivo: Cinnamomum verum component 2-methoxycinnamaldehyde.

Knockdown of Drosophila hemoglobin suggests a role in O₂ homeostasis.

Appetite-enhancing Effects of trans-Cinnamaldehyde, Benzylacetone and 1-Phenyl-2-butanone by Inhalation.

A characteristic biosignature for discrimination of gastric cancer from healthy population by high throughput GC-MS analysis.

Disseminated tungiasis in a 78-year-old woman from Tanzania: a case report.

Mortality risk among workers with exposure to dioxins.

Aryl Hydrocarbon Receptor Ligands in Cigarette Smoke Induce Production of Interleukin-22 to Promote Pancreatic Fibrosis in Models of Chronic Pancreatitis.

Oral Toxicity of 2,4-Dinitroanisole in Rats.

Synthesis of phenylpiperazine derivatives of 1,4-benzodioxan as selective COX-2 inhibitors and anti-inflammatory agents.

Phase I and pharmacokinetic evaluation of the anti-telomerase agent KML-001 with cisplatin in advanced solid tumors.

Syndromic microphthalmia-3 caused by a mutation on gene SOX2 in a Colombian male patient.

Pseudomelanosis duodeni: is there a common denominator?

Improved pulmonary function in the nitrofen model of congenital diaphragmatic hernia following prenatal maternal dexamethasone and/or sildenafil.

Osler-Weber-Rendu syndrome.

Octopamine stabilizes conduction reliability of an unmyelinated axon during hypoxic stress.

Death within 44 days of 2,4-dinitrophenol intake.

Hydrolysed inulin alleviates the azoxymethane-induced preneoplastic aberrant crypt foci by altering selected intestinal microbiota in Sprague-Dawley rats.

Effects of solmach on alcohol hangover model in mice.

TCDD modulation of gut microbiome correlated with liver and immune toxicity in streptozotocin (STZ)-induced hyperglycemic mice.

In utero and lactational dioxin exposure induces Sema3b and Sema3g gene expression in the developing mouse brain.

Comparison of the Efficacies of Parenteral Iron Sucrose and Oral Iron Sulfate for Anemic Patients with Inflammatory Bowel Disease in Korea.

Colon-derived uremic biomarkers induced by the acute toxicity of Kansui radix: A metabolomics study of rat plasma and intestinal contents by UPLC-QTOF-MS(E).

Effects of Fe-YM1504 on iron deficiency anemia in rats.

METABOLIC DYSBIOSIS OF THE GUT MICROBIOTA AND ITS BIOMARKERS.

[Acute poisoning by pesticides in children].

Slow intestinal transit contributes to elevate urinary p-cresol level in Italian autistic children.

Tracheal occlusion and ventilation changes the nitric oxide pathway in congenital diaphragmatic hernia model.

Combined antenatal therapy with retinoic acid and tracheal occlusion in a rat model of congenital diaphragmatic hernia.

[Incidence and risk factors associated with nosocomial infection in pediatric heart surgery].

Evaluation of Safety of Iron-Fortified Soybean Sprouts, a Potential Component of Functional Food, in Rat.

Evaluation of cytotoxicity and genotoxicity of Hancornia speciosa latex in Allium cepa root model.

Synthesis and Pharmacological Evaluation of Tetrazolobenzimidazoles as Novel Anti-inflammatory Agents.

Chronic TCDD exposure results in the dysregulation of gene expression in splenic B-lymphocytes and in the impairments in T-cell and B-cell differentiation in mouse model.

Synthesis, Characterization & Screening for Anti-Inflammatory & Analgesic Activity of Quinoline Derivatives Bearing Azetidinones Scaffolds.

Residential agricultural pesticide exposures and risks of selected birth defects among offspring in the San Joaquin Valley of California.

Initial Serum Ammonia as a Predictor of Neurologic Complications in Patients with Acute Glufosinate Poisoning.

Molecular imaging of aurora kinase A (AURKA) expression: Synthesis and preclinical evaluation of radiolabeled alisertib (MLN8237).

How we diagnose and treat iron deficiency anemia.

Characterization of the *Clostridium difficile* volatile metabolome using comprehensive two-dimensional gas chromatography time-of-flight mass spectrometry.

Formyl peptide receptor modulators: a patent review and potential applications for inflammatory diseases (2012-2015).

Vam3, a Compound Derived from *Vitis amurensis* Rupr., Attenuated Colitis-Related Tumorigenesis by Inhibiting NF- κ B Signaling Pathway.

Screening for Intestinal Colonization with Vancomycin Resistant Enterococci and Associated Risk Factors among Patients Admitted to an Adult Intensive Care Unit of a Large Teaching Hospital.

[The effect and injury to the airways of different sputum aspiration pressure in a rat model of mucus hypersecretion].

In vitro effect of 4-pentylphenol and 3-methyl-4-nitrophenol on murine splenic lymphocyte populations and cytokine/granzyme production.

A double-blind, randomized, and active-controlled phase III study of Herbiron drink in the treatment of iron-deficiency anemia in premenopausal females in Taiwan.

The *Helicobacter pylori* CZB Cytoplasmic Chemoreceptor TlpD Forms an Autonomous Polar Chemotaxis Signaling Complex That Mediates a Tactic Response to Oxidative Stress.

Walnut Polyphenol Extract Attenuates Immunotoxicity Induced by 4-Pentylphenol and 3-methyl-4-nitrophenol in Murine Splenic Lymphocyte.

[STRUCTURE OF THE SPLEEN AT CHRONIC INTOXICATION OF THE ORGANISM BY SODIUM TETRABORATE AND AFTER INTOXICATION].

Treatment of Resistant Cyclophosphamide Induced Haemorrhagic Cystitis: Review of Literature and Three Case Reports.

How does cigarette smoking cause acute pancreatitis?

Combined effects of n-TiO₂ and 2,3,7,8-TCDD in *Mytilus galloprovincialis* digestive gland: A transcriptomic and immunohistochemical study.

Effect of probiotic and prebiotic fermented milk on skin and intestinal conditions in healthy young female students.

Acute Illness Associated with Exposure to a New Soil Fumigant Containing Dimethyl Disulfide-Hillsborough County, Florida, 2014.

Arsenite accumulation in the mouse eye.

Acute and additive toxicity of ten photosystem-II herbicides to seagrass.

[Effect of total flavonoids from *Astragalus complanatus* on paraquat poisoning-induced pulmonary fibrosis in rats and its mechanisms].

Molecular characterization of heat-shock protein 90 gene and its expression in *Gobiocypris rarus* juveniles exposed to pentachlorophenol.

[Digestive system injury caused by paraquat poisoning and treatment].

Use of acetochlor and cancer incidence in the Agricultural Health Study.

Influence of pesticide exposure on carbonic anhydrase II from sheep stomach.

2,4-Dichlorophenoxyacetic acid and non-Hodgkin's lymphoma, gastric cancer, and prostate cancer: meta-analyses of the published literature.

Acute and subchronic toxic effects of atrazine and chlorpyrifos on common carp (*Cyprinus carpio* L.): Immunotoxicity assessments.

Spectrum of patients intentionally poisoned with an emulsified concentrate pendimethalin herbicide.

Alteration in the cytokine levels and histopathological damage in common carp induced by glyphosate.

Effects of atrazine and chlorpyrifos on oxidative stress-induced autophagy in the immune organs of common carp (*Cyprinus carpio* L.).

UV and hydrogen peroxide treatment restores changes in innate immunity caused by exposure of fish to reuse water.

[Clinical study on the treatment of acute paraquat poisoning with sequential whole gastric and bowel irrigation].

Influenza A infection attenuates relaxation responses of mouse tracheal smooth muscle evoked by acrolein.

Effects of atrazine on the proliferation and cytotoxicity of murine lymphocytes with the use of carboxyfluorescein succinimidyl ester-based flow cytometric approaches.

Clostridium tertium bacteremia in a patient with glyphosate ingestion.

Superantigen staphylococcal enterotoxin C1 mutant can reduce paraquat pulmonary fibrosis.

[A case of acute paraquat poisoning lead to esophageal obstruction].

Transcription alteration of immunologic parameters and histopathological damage in common carp (*Cyprinus carpio* L.) caused by paraquat.

Cancer risks and long-term community-level exposure to pentachlorophenol in contaminated areas, China.

Influence of myeloperoxidase on colon tumor occurrence in inflamed versus non-inflamed colons of *Apc*(Min/+) mice.

Nrf2-dependent suppression of azoxymethane/dextran sulfate sodium-induced colon carcinogenesis by the cinnamon-derived dietary factor cinnamaldehyde.

Anti-inflammatory effect of cinnamaldehyde in *Helicobacter pylori* induced gastric inflammation.

[Changes of the Expression of Brain Derived Neurotrophic Factors in Rats Trachea Induced by Acrolein Exposure].

Simultaneous determination of cinnamaldehyde and its metabolite in rat tissues by gas chromatography-mass spectrometry.

Anti-obesity and anti-hyperglycemic effects of cinnamaldehyde via altered ghrelin secretion and functional impact on food intake and gastric emptying.

Cinnamaldehyde derivative (CB-PIC) sensitizes chemo-resistant cancer cells to drug-induced apoptosis via suppression of MDR1 and its upstream STAT3 and AKT signalling.

Cytotoxicity of PEGylated liposomes co-loaded with novel pro-apoptotic drug NCL-240 and the MEK inhibitor cobimetinib against colon carcinoma in vitro.

Drugs That Bind to α -Synuclein: Neuroprotective or Neurotoxic?

Compound- and sex-specific effects on programming of energy and immune homeostasis in adult C57BL/6JxFVB mice after perinatal TCDD and PCB 153.

Paraoxonase 1 and cytochrome P450 polymorphisms in susceptibility to acute organophosphorus poisoning in Egyptians.

Interactive Effects of Indigestible Carbohydrates, Protein Type, and Protein Level on Biomarkers of Large Intestine Health in Rats.

Aryl hydrocarbon receptor agonists upregulate VEGF secretion from bronchial epithelial cells.

Ethanol enhances arsenic-induced cyclooxygenase-2 expression via both NFAT and NF- κ B signalings in colorectal cancer cells.

Medical interventions to reverse pulmonary hypoplasia in the animal model of congenital diaphragmatic hernia: A systematic review.

Environmental pesticides increase the risk of developing hypertrophic pyloric stenosis.

[Virulence genes and clinical features of Clostridium difficile-associated diarrhea in children].

Porcine epidemic diarrhea virus uses cell-surface heparan sulfate as an attachment factor.

Lower NPAS3 expression during the later stages of abnormal lung development in rat congenital diaphragmatic hernia.

The Transcriptional Effects of PCB118 and PCB153 on the Liver, Adipose Tissue, Muscle and Colon of Mice: Highlighting of Glut4 and Lipin1 as Main Target Genes for PCB Induced Metabolic Disorders.

Arsenic-induced dyslipidemia in male albino rats: comparison between trivalent and pentavalent inorganic arsenic in drinking water.

Ferrous sulfate, but not iron polymaltose complex, aggravates local and systemic inflammation and oxidative stress in dextran sodium sulfate-induced colitis in rats.

Clinical significance of C-reactive protein levels in predicting responsiveness to iron therapy in patients with inflammatory bowel disease and iron deficiency anemia.

Increasing frequency of severe clinical toxicity after use of 2,4-dinitrophenol in the UK: a report from the National Poisons Information Service.

Sodium meta-arsenite prevents the development of autoimmune diabetes in NOD mice.

3-(Benzo[d][1,3]dioxol-5-ylamino)-N-(4-fluorophenyl)thiophene-2-carboxamide overcomes cancer chemoresistance via inhibition of angiogenesis and P-glycoprotein efflux pump activity.

Modulation of colon cancer by nutmeg.

Solid lipid nanoparticles loaded with iron to overcome barriers for treatment of iron deficiency anemia.

Ferric maltol (ST10): a novel oral iron supplement for the treatment of iron deficiency anemia in inflammatory bowel disease.

L-Tryptophan as a Novel Potential Pharmacological Treatment for Wound Healing via Aryl Hydrocarbon Receptor Activation.

Ferric carboxymaltose: a review of its use in iron deficiency.

Liquid chromatography with tandem mass spectrometry for the determination of flufenoxuron in blood using automatic solid phase extraction and its application to a fatal case of flufenoxuron poisoning.

Simultaneous determination of phenoxyethanol and its major metabolite, phenoxyacetic acid, in rat biological matrices by LC-MS/MS with polarity switching: Application to ADME studies.

Treatment Following Intoxication With Lethal Dose of Paraquat: A Case Report and Review of Literature.

Cigarette smoke has sensory effects through nicotinic and TRPA1 but not TRPV1 receptors on the isolated mouse trachea and larynx.

Activation of NRF2 pathway in spleen, thymus as well as peripheral blood mononuclear cells by acute arsenic exposure in mice.

Aryl Hydrocarbon Receptor Activity of Tryptophan Metabolites in Young Adult Mouse Colonocytes.

High accumulation of arsenic in the esophagus of mice after exposure to arsenite.

[Fatal course following poisoning with an illegal weight-reducing agent].

Highly Expressed Genes in Rapidly Proliferating Tumor Cells as New Targets for Colorectal Cancer Treatment.

Paralytic ileus induced by glyphosate intoxication successfully treated using Kampo medicine.

Comet assay evaluation of six chemicals of known genotoxic potential in rats.

Gastrointestinal protective efficacy of Kolaviron (a bi-flavonoid from *Garcinia kola*) following a single administration of sodium arsenite in rats: Biochemical and histopathological studies.

A bioassay to measure energy metabolism in mouse colonic crypts, organoids, and sorted stem cells.

Towards microbial fermentation metabolites as markers for health benefits of prebiotics.

Clinical features and prognosis of paraquat poisoning: a review of 41 cases.

Characterization of mucosa-associated bacterial communities in abomasal ulcers by pyrosequencing.

An estimation of the carcinogenic risk associated with the intake of multiple relevant carcinogens found in meat and charcuterie products.

Protective effects of phyllanthus emblica leaf extract on sodium arsenite-mediated adverse effects in mice.

Aryl hydrocarbon receptor 2 mediates the toxicity of Paclitaxel on the digestive system of zebrafish embryos.

Reply to Koppe and Ten Tusscher's letter to the Editor concerning the use of human peripheral blood lymphocytes to determine relative effect potencies for dioxin like compounds.

Paraquat Poisoning: Analysis of an Uncommon Cause of Fatal Poisoning from Manipal, South India.

[The influence of iron ions on ATP-hydrolases activity of cell membranes of rat colon smooth muscle and kidney].

Microencapsulation of insulin using a W/O/W double emulsion followed by complex coacervation to provide protection in the gastrointestinal tract.

Influence of titanium dioxide nanoparticles on 2,3,7,8-tetrachlorodibenzo-p-dioxin bioconcentration and toxicity in the marine fish European sea bass (*Dicentrarchus labrax*).

Agent Orange exposure and cancer incidence in Korean Vietnam veterans: a prospective cohort study.

Tissue sensitivity of the rat upper and lower extrapulmonary airways to the inhaled electrophilic air pollutants diacetyl and acrolein.

Toxic effects of paraquat on cytokine expression in common carp, *Cyprinus carpio* L.

Pro- and anti-inflammatory cytokine expression in immune organs of the common carp exposed to atrazine and chlorpyrifos.

Agent Orange exposure and disease prevalence in Korean Vietnam veterans: the Korean veterans health study.

Esophageal perforation and death following glyphosate poisoning.

Elimination of young erythrocytes from blood circulation and altered erythropoietic patterns during paraquat induced anemic phase in mice.

Chaetoglobosins from *Chaetomium globosum*, an endophytic fungus in *Ginkgo biloba*, and their phytotoxic and cytotoxic activities.

Immunological effects of paraquat on common carp, *Cyprinus carpio* L.

Effect of a glyphosate-based herbicide on gene expressions of the cytokines interleukin-1^β and interleukin-10 and of heme oxygenase-1 in European sea bass, *Dicentrarchus labrax* L.

[The Fuller's earth and other digestive decontamination measures in the treatment of poisoning].

Association between Agent Orange exposure and nonmelanotic invasive skin cancer: a pilot study.

Genotoxic and biochemical effects of atrazine and Roundup[®], alone and in combination, on the Asian clam *Corbicula fluminea*.

Clinical characteristics of patients after dicamba herbicide ingestion.

Consensus diagnoses and mode of action for the formation of gastric tumors in rats treated with the chloroacetanilide herbicides alachlor and butachlor.

Agent Orange exposure and risk of death in Korean Vietnam veterans: Korean Veterans Health Study.

EGR1-dependent PTEN upregulation by 2-benzoyloxycinnamaldehyde attenuates cell invasion and EMT in colon cancer.

The pentachlorophenol metabolite tetrachlorohydroquinone induces massive ROS and prolonged p-ERK expression in splenocytes, leading to inhibition of apoptosis and necrotic cell death.

Effect of lung fibrosis on glycogen content in different extrapulmonary tissues.

Cinnamaldehyde/chemotherapeutic agents interaction and drug-metabolizing genes in colorectal cancer.

Melatonin Reverses Fas, E2F-1 and Endoplasmic Reticulum Stress Mediated Apoptosis and Dysregulation of Autophagy Induced by the Herbicide Atrazine in Murine Splenocytes.

Acrolein relaxes mouse isolated tracheal smooth muscle via a TRPA1-dependent mechanism.

Regulation of anthocyanin biosynthesis in *Arabidopsis thaliana* red pap1-D cells metabolically programmed by auxins.

Effect of iron supplementation on the expression of hypoxia-inducible factor and antioxidant status in rats exposed to high-altitude hypoxia environment.

A nanoparticulate ferritin-core mimetic is well taken up by HuTu 80 duodenal cells and its absorption in mice is regulated by body iron.

Fructo-oligosaccharides and iron bioavailability in anaemic rats: the effects on iron species distribution, ferroportin-1 expression, crypt bifurcation and crypt cell proliferation in the caecum.

Targeting mitochondria-derived reactive oxygen species to reduce epithelial barrier dysfunction and colitis.

Clinical and etiological heterogeneity in patients with tracheo-esophageal malformations and associated anomalies.

HuR regulates alternative splicing of the TRA2^β gene in human colon cancer cells under oxidative stress.

Bluish vomiting: a rare clinical presentation of poisoning.

Ferroportin mediates the intestinal absorption of iron from a nanoparticulate ferritin core mimetic in mice.

Metabolites of tobacco smoking and colorectal cancer risk.

Increase in reports of toxicity from fat burning supplement seen in UK.

A rapid, simple questionnaire to assess gastrointestinal symptoms after oral ferrous sulphate supplementation.

Novel preoperative pharmacologic methods of preventing postoperative sore throat due to tracheal intubation.

Effects of the continuous intake of a milk drink containing *Lactobacillus casei* strain Shirota on abdominal symptoms, fecal microbiota, and metabolites in gastrectomized subjects.

Ulceration of the oral mucosa following direct contact with ferrous sulfate in elderly patients: a case report and a review of the French National Pharmacovigilance Database.

Homoisoflavanone prevents mast cell activation and allergic responses by inhibition of Syk signaling pathway.

Alcohol oxidizing enzymes and ethanol-induced cytotoxicity in rat pancreatic acinar AR42J cells.

Enteric nervous system and esophageal-gastrointestinal motility in experimental congenital diaphragmatic hernia.

Oxidative stress-inducible truncated serine/arginine-rich splicing factor 3 regulates interleukin-8 production in human colon cancer cells.

Plastid-bearing sea slugs fix CO₂ in the light but do not require photosynthesis to survive.

GM crops and the rat digestive tract: a critical review.

Duodenal absorption and tissue utilization of dietary heme and nonheme iron differ in rats.

High dose of prebiotics reduces fecal water cytotoxicity in healthy subjects.

Effect of increasing dietary fiber on plasma levels of colon-derived solutes in hemodialysis patients.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induced cell-specific drug transporters with acquired cisplatin resistance in cisplatin sensitive cancer cells.

Arsenic thiolation and the role of sulfate-reducing bacteria from the human intestinal tract.

Carprofen-induced oxidative stress in mitochondria of the colonic mucosa of the dog.

Bifidobacterium fermented milk and galacto-oligosaccharides lead to improved skin health by decreasing phenols production by gut microbiota.

Differential relative effect potencies of some dioxin-like compounds in human peripheral blood lymphocytes and murine splenic cells.

Pill -Induced Erosive Esophagitis in Children.

History of Chemistry in the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK).

Influence of zinc supplementation on histopathological changes in the stomach, liver, kidney, brain, pancreas and spleen during subchronic exposure of Wistar rats to glyphosate.

Oral lesions and pulmonary fibrosis after ingesting grapes.

Accumulation, histopathological effects and response of biochemical markers in the spleens and head kidneys of common carp exposed to atrazine and chlorpyrifos.

The immunotoxic effects of dual exposure to PCP and TCDD.

Cancer incidence in Korean Vietnam veterans during 1992-2003: the Korean veterans health study.

Factors associated with severe effects following acute glufosinate poisoning.

Specific proteomic response of *Unio pictorum* mussel to a mixture of glyphosate and microcystin-LR.

Agent Orange exposure and prevalence of self-reported diseases in Korean Vietnam veterans.

Triketone toxicity: a report on two cases of sulcotrione poisoning.

Effects of chemical and handling exposure on fatty acids, oxidative stress and morphological welfare indicators in gilt-head sea bream (*Sparus aurata*).

Paraquat poisoning in pediatric patients.

Determination of glyphosate and AMPA in blood and urine from humans: about 13 cases of acute intoxication.

Changes in differential gene expression in fibroblast cells from patients with triple A syndrome under oxidative stress.

Impact of the redox-cycling herbicide diquat on transcript expression and antioxidant enzymatic activities of the freshwater snail *Lymnaea stagnalis*.

Immunotoxicity of atrazine in Balb/c mice.

Historical long-term exposure to pentachlorophenol causing risk of cancer--a community study.

Effects of atrazine and chlorpyrifos on the mRNA levels of HSP70 and HSC70 in the liver, brain, kidney and gill of common carp (*Cyprinus carpio* L.).

Oral exposure to the herbicide simazine induces mouse spleen immunotoxicity and immune cell apoptosis.

Effect of intravenous or oral sodium chlorate administration on the fecal shedding of *Escherichia coli* in sheep.

Cigarette smoke induces systemic defects in cystic fibrosis transmembrane conductance regulator function.

Bronchoconstriction induced by increasing airway temperature in ovalbumin-sensitized rats: role of tachykinins.

Extracts from black carrot tissue culture as potent anticancer agents.

Regular ingestion of cinnamomi cortex pulveratus offers gastroprotective activity in mice.

Use of biometric, hematologic, and plasma biochemical variables, and histopathology to assess the chronic effects of the herbicide prometryn on Common Carp.

Repair kinetics of acrolein- and (E)-4-hydroxy-2-nonenal-derived DNA adducts in human colon cell extracts.

Sub-acute exposure to the herbicide atrazine suppresses cell immune functions in adolescent mice.

Malabsorption anemia and iron supplement induced constipation in post-Roux-en-Y gastric bypass (RYGB) patients.

Ets1 and heat shock factor 1 regulate transcription of the Transformer 2¹² gene in human colon cancer cells.

Effect of simultaneous supplementation of vitamin A and iron on diarrheal and respiratory tract infection in preschool children in Chengdu City, China.

Cytologic and histologic findings of iron pill-induced injury of the lower respiratory tract.

Integration of halofuginone lactate treatment and disinfection with p-chloro-m-cresol to control natural cryptosporidiosis in calves.

Interventions for preventing diarrhea-associated hemolytic uremic syndrome: systematic review.

Aryl hydrocarbon receptor activation affects the dendritic cell phenotype and function during allergic sensitization.

Expression and potential role of apolipoprotein D on the death-survival balance of human colorectal cancer cells under oxidative stress conditions.

Severe anemia in 3 toddlers with gastric lactobezoar.

Development of a newly large-volume injection system for dioxin determinations in blood of Yusho patients.

Removal of protein-bound, hydrophobic uremic toxins by a combined fractionated plasma separation and adsorption technique.

The influence of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on hematological parameters during experimentally induced pleuritis in rats.

Exhaled breath and fecal volatile organic biomarkers of chronic kidney disease.

Of pills, plants, and paraquat: the relevance of poison centers in emergency medicine.

Urinary p-cresol in autism spectrum disorder.

Peripheral neuropathy due to dinitrophenol used for weight loss: something old, something new.

Potential carcinogenic effects of world trade center dust after intratracheal instillation to Sprague-Dawley rats: first observation.

Accidental occupational exposure to phytosanitary products: experience of the Poison Control Center in Marseille from 2008 to 2010.

Warburg and Crabtree effects in premalignant Barrett's esophagus cell lines with active mitochondria.

Basolateral invasion and trafficking of *Campylobacter jejuni* in polarized epithelial cells.

KML001 displays vascular disrupting properties and irinotecan combined antitumor activities in a murine tumor model.

Iron autointoxication in a 16-year-old girl: a protective role for hepcidin?

Vanadium toxicity in mice: possible impairment of lipid metabolism and mucosal epithelial cell necrosis in the small intestine.

Glyphosate, pathways to modern diseases II: Celiac sprue and gluten intolerance.

Effect of selenomethionine supplementation in food on the excretion and toxicity of arsenic exposure in female mice.

Intestinal transport of 3,6'-disinapoylsucrose, a major active component of *Polygala tenuifolia*, using Caco-2 cell monolayer and in situ rat intestinal perfusion models.

Spectrum of corrosive esophageal injury after intentional paraquat or glyphosate-surfactant herbicide ingestion.

Emerging causes of iron deficiency anemia refractory to oral iron supplementation.

Histopathological changes in the liver of rabbits exposed to high nitrate ingestion in drinking water.

Cell to organ: physiological, immunotoxic and oxidative stress responses of *Lamellidens marginalis* to inorganic arsenite.

Synthesis and cytotoxicity of oligomycin A derivatives modified in the side chain.

Dietary exposure of juvenile female mice to polyhalogenated seafood contaminants (HBCD, BDE-47, PCB-153, TCDD): comparative assessment of effects in potential target tissues.

Activation of aryl hydrocarbon receptor prolongs survival of fully mismatched cardiac allografts.

Variation of content of lipid classes, sterols and fatty acids in gonads and digestive glands of *Scrobicularia plana* in relation to environment pollution levels.

Beta-catenin signaling induces CYP1A1 expression by disrupting adherens junctions in Caco-2 human colon carcinoma cells.

Comparison of routine prenatal iron prophylaxis and screening and treatment for anaemia: pregnancy results and preliminary birth results from a pragmatic randomised controlled trial (PROFEG) in Maputo, Mozambique.

Metabolic profiling of the impact of oligofructose-enriched inulin in Crohn's disease patients: a double-blinded randomized controlled trial.

Histopathological changes induced by paraquat on some tissues of gourami fish (*Trichogaster trichopterus*).

Therapeutic effects of smecta or smectite powder on rats with paraquat toxication.

Treatment of mice with 2,3,7,8-Tetrachlorodibenzo-p-dioxin markedly increases the levels of a number of cytochrome P450 metabolites of omega-3 polyunsaturated fatty acids in the liver and lung.

Changes in the expression of vascular endothelial growth factor after fetal tracheal occlusion in an experimental model of congenital diaphragmatic hernia.

Immunotoxicity induced by acute subtoxic doses of paraquat herbicide: implication of shifting cytokine gene expression toward T-helper (T(H))-17 phenotype.

Pathological and toxicological findings in glyphosate-surfactant herbicide fatality: a case report.

Methyl bromide exposure and cancer risk in the Agricultural Health Study.

Effects of RNA interference-induced Smad3 gene silencing on pulmonary fibrosis caused by paraquat in mice.

[Paraquat poisoning. Case report and overview].

Superoxide dismutase activity of *Helicobacter pylori* per se from 158 clinical isolates and the characteristics.

[The experimental study of therapeutical effects of KANGFUXINYE on upper gastrointestinal injury induced by paraquat in rats].

Accidental chemical burns of oral mucosa by herbicide.

Dramatic increase in glycerol biosynthesis upon oxidative stress in the anaerobic protozoan parasite *Entamoeba histolytica*.

Developmental exposure to diuron causes splenotoxicity in male Sprague-Dawley rat pups.

Effect of chronic pesticide exposure in farm workers of a Mexico community.

A longer tracheal occlusion period results in increased lung growth in the nitrofen rat model.

Acute intoxication with the adjuvant itself for Gramoxone INTEON.

Comparative computational modeling of airflows and vapor dosimetry in the respiratory tracts of rat, monkey, and human.

A lung dosimetry model of vapor uptake and tissue disposition.

Effects of a wheat bran extract containing arabinoxylan oligosaccharides on gastrointestinal health parameters in healthy adult human volunteers: a double-blind, randomised, placebo-controlled, cross-over trial.

Ethanol enhances tumor angiogenesis in vitro induced by low-dose arsenic in colon cancer cells through hypoxia-inducible factor 1 alpha pathway.

Autophagy is a cell self-protective mechanism against arsenic-induced cell transformation.

Activation of the aryl hydrocarbon receptor reduces the number of precursor and effector T cells, but preserves thymic CD4+CD25+Foxp3+ regulatory T cells.

A weight-of-evidence review of colorectal cancer in pesticide applicators: the agricultural health study and other epidemiologic studies.

Eccrine porocarcinoma with carcinomatous lymphangitis in a patient with history of arsenic exposure: a case report.

Suicidal sodium azide intoxication: An analytical challenge based on a rare case.

Treatment of mild non-chemotherapy-induced iron deficiency anemia in cancer patients: comparison between oral ferrous bisglycinate chelate and ferrous sulfate.

Mortality study of chemical workers exposed to dioxins: follow-up 23 years after chemical plant closure.

In vitro and in vivo biological evaluation of new 4,5-disubstituted 1,2,3-triazoles as cis-constrained analogs of combretastatin A4.

A NUP98-HOXD13 leukemic fusion gene leads to impaired class switch recombination and antibody production.

FICZ, a tryptophan photoproduct, suppresses pulmonary eosinophilia and Th2-type cytokine production in a mouse model of ovalbumin-induced allergic asthma.

Metabolite profiling of plasma and urine from rats with TNBS-induced acute colitis using UPLC-ESI-QTOF-MS-based metabolomics--a pilot study.

Non-dioxin-like AhR ligands in a mouse peanut allergy model.

Control of Giardia infections with ronidazole and intensive hygiene management in a dog kennel.

Iron requirements based upon iron absorption tests are poorly predicted by haematological indices in patients with inactive inflammatory bowel disease.

Src-mediated aryl hydrocarbon and epidermal growth factor receptor cross talk stimulates colon cancer cell proliferation.

Uremic solutes from colon microbes.

Treatment with endotracheal therapeutics after sarin microinstillation inhalation exposure increases blood cholinesterase levels in guinea pigs.

An arabinoxylan-rich fraction from wheat enhances caecal fermentation and protects colonocyte DNA against diet-induced damage in pigs.

[Plummer-Vinson syndrome: report of a case and review of literature].

Aldehyde dehydrogenases and cell proliferation.

Distinct urinary metabolic profile of human colorectal cancer.

Iron depletion and repletion with ferrous sulfate or electrolytic iron modifies the composition and metabolic activity of the gut microbiota in rats.

[Suicidal intoxication with sodium azide--a case report].

Relevance of protein fermentation to gut health.

Sodium chlorate reduces the presence of *Escherichia coli* in feces of lambs and ewes managed in shed-lambing systems.

Protective effect of curcumin against arsenic-induced apoptosis in murine splenocytes in vitro.

Comparing performance of three oscillating positive expiratory pressure devices at similar amplitude and frequencies of oscillations on displacement of mucus inside trachea during cough.

Acute inhalation study of allyl alcohol for derivation of acute exposure guideline levels.

Comparative Studies of the (Anti) Mutagenicity of *Baccharis dracunculifolia* and Artepillin C by the Bacterial Reverse Mutation Test.

Age-related effects of sodium arsenite on splenocyte proliferation and Th1/Th2 cytokine production.

Aberrant activation of ubiquitin D at G2 phase and apoptosis by carcinogens that evoke cell proliferation after 28-day administration in rats.

Neuropsychiatric manifestations of methyl iodide.

Angiogenesis inhibitor vasohibin-1 enhances stress resistance of endothelial cells via induction of SOD2 and SIRT1.

The Aryl Hydrocarbon Receptor Influences Transplant Outcomes in Response to Environmental Signals.

Functional analysis of colonic bacterial metabolism: relevant to health?

Cigarette smoke targets glutaredoxin 1, increasing s-glutathionylation and epithelial cell death.

Atrazine-induced apoptosis of splenocytes in BALB/C mice.

Toxicology and risk assessment of acrolein in food.

Comparison of nitrofen uptake via water and food and its distribution in tissue of common carp, *Cyprinus carpio* L.

Effects of atrazine and chlorpyrifos on the mRNA levels of IL-1 and IFN- γ 2b in immune organs of common carp.

Diuron exposure induces systemic and organ-specific toxicity following acute and sub-chronic exposure in male Wistar rats.

Environmental factors in the etiology of esophageal atresia.

Mortality of US pentachlorophenol production workers through 2005.

A review of epidemiologic studies of triazine herbicides and cancer.

Superoxide dismutase protects cells from DNA damage induced by trivalent methylated arsenicals.

Ferulic acid attenuation of advanced glycation end products extends the lifespan of *Caenorhabditis elegans*.

Inadvertent poisoning of seven teenagers with monosodium methanearsonate.

[Prolonged convulsion after intoxication of alachlor herbicide (Lasso): a case report].

The effects of Click 500 SC (terbuthylazine) on common carp *Cyprinus carpio* under (sub)chronic conditions.

Evaluation of suppressive effects of paraquat on innate immunity in Balb/c mice.

The cinnamon-oil ingredient trans-cinnamaldehyde fails to target *Campylobacter jejuni* strain KC 40 in the broiler chicken cecum despite marked in vitro activity.

Effects of dietary supplementation with phytonutrients on vaccine-stimulated immunity against infection with *Eimeria tenella*.

Cinnamaldehyde enhances in vitro parameters of immunity and reduces in vivo infection against avian coccidiosis.

Antimicrobial edible apple films inactivate antibiotic resistant and susceptible *Campylobacter jejuni* strains on chicken breast.

Preferential activation of the vagal nodose nociceptive subtype by TRPA1 agonists in the guinea pig esophagus.

Transient receptor potential ankyrin 1 is expressed by inhibitory motoneurons of the mouse intestine.

A single mid-gestation exposure to TCDD yields a postnatal autoimmune signature, differing by sex, in early geriatric C57BL/6 mice.

Intermittent iron supplementation for reducing anaemia and its associated impairments in menstruating women.

Supplementation with oral vs. intravenous iron for anemia with IBD or gastrointestinal bleeding: is oral iron getting a bad rap?

Polymorphism of the aryl-hydrocarbon receptor gene in intron 10 of human cancers.

Activation of the aryl hydrocarbon receptor suppresses sensitization in a mouse peanut allergy model.

Calcium does not inhibit the absorption of 5 milligrams of nonheme or heme iron at doses less than 800 milligrams in nonpregnant women.

Colonic contribution to uremic solutes.

Surprises perilous: toxic health hazards for employees unloading fumigated shipping containers.

The epidemiology and type of medication errors reported to the National Poisons Information Centre of Ireland.

Effect of oral exposure to fenitrothion and 3-methyl-4-nitrophenol on splenic cell populations and histopathological alterations in spleen in Wistar rats.

Exposure to iodomethane and dichloromethane associated with a confusional state.

Role of the xenobiotic receptor in inflammatory bowel disease.

Prenatal TCDD in mice increases adult autoimmunity.

Central and peripheral mechanisms underlying gastric distention inhibitory reflex responses in hypercapnic-acidotic rats.

Aryl hydrocarbon receptor activation by TCDD reduces inflammation associated with Crohn's disease.

Effects of synbiotic treatment on serum level of p-cresol in haemodialysis patients: a preliminary study.

Prenatal TCDD causes persistent modulation of the postnatal immune response, and exacerbates inflammatory disease, in 36-week-old lupus-like autoimmune SNF1 mice.

Abnormal development of the enteric nervous system in rat embryos and fetuses with congenital diaphragmatic hernia.

Activation of aryl hydrocarbon receptor (AhR) leads to reciprocal epigenetic regulation of FoxP3 and IL-17 expression and amelioration of experimental colitis.

Stereoselective metabolism of fenoxaprop-ethyl and its chiral metabolite fenoxaprop in rabbits.

Inhibition by resistant starch of red meat-induced promutagenic adducts in mouse colon.

A metabolic system-wide characterisation of the pig: a model for human physiology.

Developmental and posthatch effects of in ovo exposure to 2,3,7,8-TCDD, 2,3,4,7,8-PECDF, and 2,3,7,8-TCDF in Japanese quail (*Coturnix japonica*), common pheasant (*Phasianus colchicus*), and white leghorn chicken (*Gallus gallus domesticus*) embryos.

Sodium arsenite and hyperthermia modulate cisplatin-DNA damage responses and enhance platinum accumulation in murine metastatic ovarian cancer xenograft after hyperthermic intraperitoneal chemotherapy (HIPEC).

Metam sodium intoxication: the specific role of degradation products--methyl isothiocyanate and carbon disulphide--as a function of exposure.

Oral ferrous sulfate does not increase preoperative hemoglobin in patients scheduled for hip or knee arthroplasty.

GLT-1 overexpression attenuates bladder nociception and local/cross-organ sensitization of bladder nociception.

Effect of pertussis toxin and herbimycin A on proteinase-activated receptor 2-mediated cyclooxygenase 2 expression in *Helicobacter pylori*-infected gastric epithelial AGS cells.

Cigarette smoke increases susceptibility to tuberculosis--evidence from in vivo and in vitro models.

Tissue-specific and dose-related accumulation of arsenic in mouse offspring following maternal consumption of arsenic-contaminated water.

Changes in DNA methylation and gene expression during 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced suppression of the lipopolysaccharide-stimulated IgM response in splenocytes.

(14)C radiolabeling of proteins to monitor biodistribution of ingested proteins.

Polychlorinated dibenzo-p-dioxins and dibenzofurans in different tissues of the cormorants (*Phalacrocorax carbo*) from Dongting Lake, China.

Shellfish and residual chemical contaminants: hazards, monitoring, and health risk assessment along French coasts.

NTP toxicity studies of toxicity studies of 2,4-decadienal (CAS No. 25152-84-5) administered by gavage to F344/N Rats and B6C3F1 mice.

Sodium arsenite mediated immuno-disruption through alteration of transcription profile of cytokines in chicken splenocytes under in vitro system.

A fatal case of paraquat ingestion: clinical course and review of pathophysiology.

[Effects of acrolein exposure on the expression of Muc5ac in the airway of rats].

Glyphosate-surfactant herbicide-induced reversible encephalopathy.

Predicting acute complicated glyphosate intoxication in the emergency department.

Evaluation of diuron (3-[3,4-dichlorophenyl]-1,1-dimethyl urea) in a two-stage mouse skin carcinogenesis assay.

Spectrum of corrosive esophageal injury after intentional paraquat ingestion.

Fatality in paraquat poisoning.

Postmortem distribution of ametryn in the blood and organ tissues of an herbicide-poisoning victim.

Immunotoxicity of paraquat after subacute exposure to mice.

Toxicokinetics and recovery studies of dicamba dimethyl amine salt in goats following single oral administration.

The cinnamon-derived dietary factor cinnamic aldehyde activates the Nrf2-dependent antioxidant response in human epithelial colon cells.

Lipid peroxidation product acrolein as a predictive biomarker of prostate carcinoma relapse after radical surgery.

Ozone activates airway nerves via the selective stimulation of TRPA1 ion channels.

Dose response to cinnamaldehyde supplementation in growing beef heifers: ruminal and intestinal digestion.

Characterization of the intestinal absorption of arsenate, monomethylarsonic acid, and dimethylarsinic acid using the Caco-2 cell line.

Intracellular ROS level is increased in fibroblasts of triple A syndrome patients.

Toxicology and carcinogenesis studies of 3,3',4,4'-tetrachloroazobenzene (TCAB) (CAS No. 14047-09-7) in Harlan Sprague-Dawley rats and B6C3F1 mice (gavage studies).

Iron pill-induced tumefactive mucosal injury of the hypopharynx.

Body mass index, agricultural pesticide use, and cancer incidence in the Agricultural Health Study cohort.

[Establishment of an erythroleukemia model in CB6F1 mice by transplant with haploidentical mouse leukemic cell line FBL-3].

Connective tissue growth factor expression pattern in lung development.

Protective effects of crude garlic by reducing iron-mediated oxidative stress, proliferation and autophagy in rats.

Short course pre-operative ferrous sulphate supplementation--is it worthwhile in patients with colorectal cancer?

Strepsils[®] tablets reduce sore throat and hoarseness after tracheal intubation.

Sodium azide-associated laryngospasm after air bag deployment.

Antenatal steroid and tracheal occlusion restore vascular endothelial growth factor receptors in congenital diaphragmatic hernia rat model.

Activation of the aryl hydrocarbon receptor pathway may ameliorate dextran sodium sulfate-induced colitis in mice.

Identification of genes that are dispensable for animal infection by *Salmonella typhimurium*.

The use of haemofiltration for severe iron overdose.

Withdrawal symptoms after gabapentin discontinuation.

Toxicity of Bromkal 70-5DE, a technical mixture of polybrominated diphenyl ethers, following 28 d of oral exposure in rats and impact of analysed impurities.

The effect of in vitro tracheal occlusion on branching morphogenesis in fetal lung explants from the rat nitrofen model of congenital diaphragmatic hernia.

Incidence and risk factors for the development of anemia following gastric bypass surgery.

Adverse effects of drugs on the esophagus.

Suppression of experimental autoimmune uveoretinitis by inducing differentiation of regulatory T cells via activation of aryl hydrocarbon receptor.

Distribution and speciation of arsenic by transplacental and early life exposure to inorganic arsenic in offspring rats.

Octatropine methyl bromide and diazepam combination (Valpinax) in patients with irritable bowel syndrome: a multicentre, randomized, placebo-controlled trial.

Colon cancer chemopreventive activities of pomegranate ellagitannins and urolithins.

Deliberate poisoning with dinitrophenol (DNP): an unlicensed weight loss pill.

Bronchopulmonary innervation defects in infants and rats with congenital diaphragmatic hernia.

Albumin as an adjunct to tracheal occlusion in fetal rats with congenital diaphragmatic hernia: a placebo-controlled study.

Interactions of airflow oscillation, tracheal inclination, and mucus elasticity significantly improve simulated cough clearance.

Efficacy and safety of ferric carboxymaltose in correcting iron-deficiency anemia: a review of randomized controlled trials across different indications.

Perinatal exposure of mice to TCDD decreases allergic sensitisation through inhibition of IL-4 production rather than T regulatory cell-mediated suppression.

Pseudomelanosis of the stomach.

Microscopic magnetic resonance in congenital diaphragmatic hernia and associated malformations in rats.

High-protein/high red meat and high-carbohydrate weight-loss diets do not differ in their effect on faecal water genotoxicity tested by use of the WIL2-NS cell line and with other biomarkers of bowel health.

Metabolic bioactivation of oestradiol-17beta (E2beta) in mouse colon epithelial cells bearing ApcMin mutation.

A study of neurologic symptoms on exposure to organophosphate pesticides in the children of agricultural workers.

Aryl hydrocarbon receptor is a transcriptional activator of the human breast cancer resistance protein (BCRP/ABCG2).

Effects of in ovo exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic AHR/ARNT-CYP1A signaling pathways in common cormorants (*Phalacrocorax carbo*).

Expression of aryl hydrocarbon receptor in human placentas and fetal tissues.

Arsenic metabolism by human gut microbiota upon in vitro digestion of contaminated soils.

Enhanced translocation of bacteria across metabolically stressed epithelia is reduced by butyrate.

Low-dose synergistic immunosuppression of T-dependent antibody responses by polycyclic aromatic hydrocarbons and arsenic in C57BL/6J murine spleen cells.

The effect of multigenerational diet containing genetically modified triticale on immune system in mice.

Assessment of nicotine inhalation exposure and urinary cotinine of tobacco processing workers.

A complex suicide.

Acetaldehyde and the hypothermic effects of ethanol in mice.

[Immunotoxic effect of herbicide simazine exposure in BALB/c mice].

Glycogen content is affected differently in acute pulmonary and extra-pulmonary lung injury.

Acute intentional self-poisoning with a herbicide product containing fenoxaprop-P-ethyl, ethoxysulfuron, and isoxadifen ethyl: a prospective observational study.

Allergic reaction induced by dermal and/or respiratory exposure to low-dose phenoxyacetic acid, organophosphorus, and carbamate pesticides.

Fatal diquat intoxication.

Patterns of immunotoxicity associated with chronic as compared with acute exposure to chemical or physical stressors and their relevance with regard to the role of stress and with regard to immunotoxicity testing.

Acrolein-derived DNA adduct formation in human colon cancer cells: its role in apoptosis induction by docosahexaenoic acid.

The level and clinical significance of pancreatic enzymes in survivors of acute paraquat poisoning.

Acute gastroduodenal injury after ingestion of diluted herbicide pendimethalin.

Heterocyclic aromatic amine pesticide use and human cancer risk: results from the U.S. Agricultural Health Study.

Inactivation of *Enterobacter sakazakii* in reconstituted infant formula by trans-cinnamaldehyde.

Effects of subchronic exposure to Successor 600 (pethoxamid 600 g L⁻¹) on common carp *Cyprinus carpio*.

A review: oxidative stress in fish induced by pesticides.

Systematic review and meta-analysis of mortality in crop protection product manufacturing workers.

The adverse effects of hydrogen cyanamide on human health: an evaluation of inquiries to the New Zealand National Poisons Centre.

Inhibitory effects of Geijigajakyak-Tang on trinitrobenzene sulfonic acid-induced colitis.

Modulation of intercellular ROS signaling of human tumor cells.

Increased sensitivity of glutathione S-transferase P-null mice to cyclophosphamide-induced urinary bladder toxicity.

Staphylococcal catalase regulates its virulence and induces arthritis in catalase deficient mice.

Edible apple film wraps containing plant antimicrobials inactivate foodborne pathogens on meat and poultry products.

Evaluation of diquat against an acute experimental infection of *Flavobacterium columnare* in channel catfish, *Ictalurus punctatus* (Rafinesque).

Antiinflammatory effects of hydrogen peroxide in neutrophil activation and acute lung injury.

Metabolism of flufenpyr-ethyl in rats and mice.

Safety assessment of leaf curl virus resistant tomato developed using viral derived sequences.

Inflammatory and chloracne-like skin lesions in B6C3F1 mice exposed to 3,3',4,4'-tetrachloroazobenzene for 2 years.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin disrupts B-cell lymphopoiesis and exacerbates autoimmune disease in 24-week-old SNF1 mice.

Ingestion of ferrous sulfate increases ferremia in patients with short bowel syndrome.

A pilot study of faecal volatile organic compounds in faeces from cholera patients in Bangladesh to determine their utility in disease diagnosis.

Effects of chronic exposure to DDT and TCDD on disease activity in murine systemic lupus erythematosus.

Oral and intravenous iron treatment in inflammatory bowel disease: hematological response and quality of life improvement.

Post-exposure treatment with nasal atropine methyl bromide protects against microinstillation inhalation exposure to sarin in guinea pigs.

Expression of chloride channels in trachea-occluded hyperplastic lungs and nitrofen-induced hypoplastic lungs in rats.

Causes and types of health effects during the use of crop protection chemicals: data from a survey of over 6,300 smallholder applicators in 24 different countries.

In vitro evaluation of ferrihydrite as an enterosorbent for arsenic from contaminated drinking water.

Adherence and side effects of three ferrous sulfate treatment regimens on anemic pregnant women in clinical trials.

The myenteric plexus of the esophagus is abnormal in an experimental congenital diaphragmatic hernia model.

Characterization of inflammatory bowel disease with urinary metabolic profiling.

Role of iron in the pathogenesis of cysteamine-induced duodenal ulceration in rats.

PCBs and the energy cost of migration in the European eel (*Anguilla anguilla* L.).

Comparative effects of very low-carbohydrate, high-fat and high-carbohydrate, low-fat weight-loss diets on bowel habit and faecal short-chain fatty acids and bacterial populations.

Aryl hydrocarbon receptor pathway activation enhances gastric cancer cell invasiveness likely through a c-Jun-dependent induction of matrix metalloproteinase-9.

Potential therapeutic significance of increased expression of aryl hydrocarbon receptor in human gastric cancer.

CYP1B1, but not CYP1A1, is downregulated by promoter methylation in colorectal cancers.

Carcinogenesis studies of cresols in rats and mice.

The soluble nickel component of residual oil fly ash alters pulmonary host defense in rats.

Controlled, household-randomized, open-label trial of the effect of treatment of *Helicobacter pylori* infection on iron deficiency among children in rural Alaska: results at 40 months.

Functionally modified gelatin microspheres impregnated collagen scaffold as novel wound dressing to attenuate the proteases and bacterial growth.

Comparison of immunotoxicity among tetrachloro-, pentachloro-, tetrabromo- and pentabromo-dibenzo-p-dioxins in mice.

Toxicology laboratory analysis and human exposure to p-chloroaniline.

Efficacy and tolerability of oral bovine lactoferrin compared to ferrous sulfate in pregnant women with iron deficiency anemia: a prospective controlled randomized study.

Ferric carboxymaltose: a review of its use in iron-deficiency anaemia.

Oral carcinogenicity and toxicity of 2-amino-4-chlorophenol in rats.

Intravenous iron sucrose is superior to oral iron sulphate for correcting anaemia and restoring iron stores in IBD patients: A randomized, controlled, evaluator-blind, multicentre study.

Iron medication-induced gastric mucosal injury.

Melanosis ilei associated with chronic ingestion of oral iron.

Synthesis and pharmacological evaluation of 1,3,4-oxadiazole bearing bis(heterocycle) derivatives as anti-inflammatory and analgesic agents.

Reduced arsenic clearance and increased toxicity in aquaglyceroporin-9-null mice.

Studies supporting the development of a physiologically based pharmacokinetic (PBPK) model for methyl iodide: pharmacokinetics of sodium iodide (NaI) in pregnant rabbits.

Influence of inorganic and organic iron compounds on parameters of cell growth and survival in human colon cells.

Involvement of Blimp-1 and AP-1 dysregulation in the 2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated suppression of the IgM response by B cells.

Effects of prometryne on apoptosis and necrosis in thymus, lymph node and spleen in mice.

5,7-dihydroxy-3,4,6-trimethoxyflavone inhibits the inflammatory effects induced by *Bacteroides fragilis* enterotoxin via dissociating the complex of heat shock protein 90 and I kappaB alpha and I kappaB kinase-gamma in intestinal epithelial cell culture.

Microbial cellulose wound dressing in the treatment of nonhealing lower extremity ulcers.

Arabinoxylan-oligosaccharides (AXOS) affect the protein/carbohydrate fermentation balance and microbial population dynamics of the Simulator of Human Intestinal Microbial Ecosystem.

TCDD-mediated suppression of the in vitro anti-sheep erythrocyte IgM antibody forming cell response is reversed by interferon-gamma.

Subchronic inhalation of mixtures of cigarette smoke constituents in Xpa^{-/-}p53^{+/-} knock-out mice: a comparison of intermittent with semi-continuous exposure to acetaldehyde, formaldehyde, and acrolein.

Prostaglandin analogue misoprostol attenuates neurotoxin 1-methyl-4-phenylpyridinium-induced mitochondrial damage and cell death in differentiated PC12 cells.

A comparative 90-day toxicity study of allyl acetate, allyl alcohol and acrolein.

S-ethyl-N,N-dipropylthiocarbamate exposure and cancer incidence among male pesticide applicators in the agricultural health study: a prospective cohort.

Level of contamination and impact of pesticides in cupped oyster, *Crassostrea gigas*, reared in a shellfish production area in Normandy (France).

Oral mucosal response to exposure to diquat: a rare occupational injury.

Acute alachlor and butachlor herbicide poisoning.

[Effect of Atrazine on the content of calcium and expression of calmodulin in splenocytes of mice].

Acrolein health effects.

Hemoperfusion using dual pulsatile pump in paraquat poisoning.

Severe acute poisoning due to a glufosinate containing preparation without mitochondrial involvement.

Cancer incidence among pesticide applicators exposed to trifluralin in the Agricultural Health Study.

Combined repeated dose and reproductive/developmental toxicity screening test of the nitrophenolic herbicide dinoseb, 2-sec-butyl-4,6-dinitrophenol, in rats.

[Meta-analysis of association between pentachlorophenol exposure and cancer risk].

Acute renal failure induced by bentazone: 2 case reports and a comprehensive review.

Acute pancreatitis caused by severe glyphosate-surfactant oral intoxication.

A fatal intoxication from ingestion of 2-methyl-4-chlorophenoxyacetic acid (MCPA).

Metabolic acidosis in prometryn (triazine herbicide) self-poisoning.

Improvement in survival after paraquat ingestion following introduction of a new formulation in Sri Lanka.

Perturbation of organogenesis by the herbicide atrazine in the amphibian *Xenopus laevis*.

Growth inhibition of human colon cancer cells by plant compounds.

Acrolein inhalation suppresses lipopolysaccharide-induced inflammatory cytokine production but does not affect acute airways neutrophilia.

Contribution of the SitABCD, MntH, and FeoB metal transporters to the virulence of avian pathogenic *Escherichia coli* O78 strain chi7122.

Maternal administration of betamethasone inhibits proliferation induced by fetal tracheal occlusion in the nitrofen rat model for congenital diaphragmatic hernia: a placebo-controlled study.

Abnormal development of tracheal innervation in rats with experimental diaphragmatic hernia.

Effects of dietary iron levels on growth performance, hematological status, liver mineral concentration, fecal microflora, and diarrhea incidence in weanling pigs.

Heat shock protein 90 inhibitors suppress aryl hydrocarbon receptor-mediated activation of CYP1A1 and CYP1B1 transcription and DNA adduct formation.

Omeprazole alleviates benzo[a]pyrene cytotoxicity by inhibition of CYP1A1 activity in human and mouse hepatoma cells.

Endoscopic removal of iron bezoar following acute overdose.

[Severe esophagitis due to overdose of iron tablets].

Temporal metabonomic modeling of l-arginine-induced exocrine pancreatitis.

An enhanced postnatal autoimmune profile in 24 week-old C57BL/6 mice developmentally exposed to TCDD.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on heme oxygenase-1, biliverdin IXalpha reductase and delta-aminolevulinic acid synthetase 1 in rats with wild-type or variant AH receptor.

Protective effects of GH and IGF-I against iron-induced lipid peroxidation in vivo.

The effect of tracheal occlusion on lung branching in the rat nitrofen CDH model.

Arsenic interferes with the signaling transduction pathway of T cell receptor activation by increasing basal and induced phosphorylation of Lck and Fyn in spleen cells.

Mid-gestation exposure of C57BL/6 mice to 2,3,7,8-tetrachlorodibenzo-p-dioxin causes postnatal morphologic changes in the spleen and liver.

Enhanced detection of autoantibodies on protein microarrays using a modified protein digestion technique.

High potency of bioactivation of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in mouse colon epithelial cells with Apc(Min) mutation.

[Headache caused by pesticides--a review of the literature].

A novel intravenous iron formulation for treatment of anemia in inflammatory bowel disease: the ferric carboxymaltose (FERINJECT) randomized controlled trial.

High prevalence of celiac disease in Mexican Mestizo adults with type 1 diabetes mellitus.

Sodium arsenite reduces severity of dextran sulfate sodium-induced ulcerative colitis in rats.

Sodium arsenite induces heat shock protein 70 expression and protects against secretagogue-induced trypsinogen and NF-kappaB activation.

Relative potency based on hepatic enzyme induction predicts immunosuppressive effects of a mixture of PCDDS/PCDFS and PCBS.

Neurological manifestation of methyl bromide intoxication.

Decreased epithelial barrier function evoked by exposure to metabolic stress and nonpathogenic E. coli is enhanced by TNF-alpha.

TCDD exposure exacerbates atopic dermatitis-related inflammation in NC/Nga mice.

A role for iron in Wnt signalling.

Environmental factors in the etiology of esophageal atresia and congenital diaphragmatic hernia: results of a case-control study.

[Gene cloning, sequence analysis and tissue expression of estrogen-related receptor alpha (Erralpha) in Japanese medaka and its transcriptional responses after differential EDCs exposure].

Metabolic fate of [14C] chlorophenols in radish (*Raphanus sativus*), lettuce (*Lactuca sativa*), and spinach (*Spinacia oleracea*).

2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated impairment of B cell differentiation involves dysregulation of paired box 5 (Pax5) isoform, Pax5a.

Tracheal inflammatory response to bacterial cellulose dressing after surgical scarification in rabbits.

Boronate-containing polymers form affinity complexes with mucin and enable tight and reversible occlusion of mucosal lumen by poly(vinyl alcohol) gel.

Wholegrain foods made from a novel high-amylose barley variety (Himalaya 292) improve indices of bowel health in human subjects.

Modulatory effect of *Byrsonima basiloba* extracts on the mutagenicity of certain direct and indirect-acting mutagens in *Salmonella typhimurium* assays.

Gene expression profiling in Caco-2 human colon cells exposed to TCDD, benzo[a]pyrene, and natural Ah receptor agonists from cruciferous vegetables and citrus fruits.

Basal and inducible CYP1 mRNA quantitation and protein localization throughout the mouse gastrointestinal tract.

Influence of TCDD and natural Ah receptor agonists on benzo[a]pyrene-DNA adduct formation in the Caco-2 human colon cell line.

2,3,7,8-Tetrachlorodibenzo-p-dioxin increases Bovine Herpesvirus type-1 (BHV-1) replication in Madin-Darby Bovine Kidney (MDBK) cells in vitro.

Determination of toxicity of subacute treatment of some plant growth regulators on rats.

Identification of an alginate-based formulation of paraquat to reduce the exposure of the herbicide following oral ingestion.

Aldo-keto reductase family 1 B10 gene silencing results in growth inhibition of colorectal cancer cells: Implication for cancer intervention.

Autophagic and lysosomal reactions to stress in the hepatopancreas of blue mussels.

Blue-green vomit.

An antisense oligonucleotide to HSP47 inhibits paraquat-induced pulmonary fibrosis in rats.

Pesticide poisoning.

An unusual toxic cause of hemolytic-uremic syndrome.

Tongue erosions and diet cola.

Combined effects of herbicides on biomarkers reflecting immune-endocrine interactions in goldfish. Immune and antioxidant effects.

Epidemiological and clinical investigations among employees in a former herbicide production process.

Pesticide exposure among farm workers.

4-Hydroxynonenal, an endogenous aldehyde, causes pain and neurogenic inflammation through activation of the irritant receptor TRPA1.

Binge ethanol administration enhances the MDMA-induced long-term 5-HT neurotoxicity in rat brain.

Distribution of ¹⁴C-atrazine following an acute lactational exposure in the Wistar rat.

2-hydroxycinnamaldehyde inhibits SW620 colon cancer cell growth through AP-1 inactivation.

Oxidative stress impairs heme detoxification in the midgut of the cattle tick, *Rhipicephalus (Boophilus) microplus*.

Iron supplementation in pregnancy--does the preparation matter?

The aryl hydrocarbon receptor is required for optimal resistance to *Listeria monocytogenes* infection in mice.

Pharmacokinetics of 3-[125I]iodo-alpha-methyl-L-tyrosine, a tumor imaging agent, after probenecid loading in mice implanted with colon cancer DLD-1 cells.

A preliminary investigation into the use of biosensors to screen stomach contents for selected poisons and drugs.

[The etiology of congenital diaphragmatic hernia and esophageal atresia: the Hox genes].

Fetal tracheal occlusion for the treatment of congenital diaphragmatic hernia.

Control of piglet coccidiosis by chemical disinfection with a cresol-based product (Neopredisan 135-1).

Pesticide use and colorectal cancer risk in the Agricultural Health Study.

Experimental investigation of the role of endothelin-1 in idiopathic portal hypertension.

[Cancers and pesticides].

[Phyt'attitude: network for toxicovigilance in agriculture].

Agricultural exposures and gastric cancer risk in Hispanic farm workers in California.

Decreased lung fibroblast growth factor 18 and elastin in human congenital diaphragmatic hernia and animal models.

Zinc supplementation of pregnant rats with adequate zinc nutrition suppresses immune functions in their offspring.

Iron-induced esophageal ulceration.

P-selectin mediates metastatic progression through binding to sulfatides on tumor cells.

Uncoupling of oxidative phosphorylation enables *Candida albicans* to resist killing by phagocytes and persist in tissue.

Iron(III)-hydroxide polymaltose complex in iron deficiency anemia / review and meta-analysis.

Analgesic, antipyretic and anti-inflammatory properties of *Mezoneuron benthamianum* Baill (Caesalpinaceae).

Design and synthesis of some new thiazolo [3,2-b]-1,2,4-triazole-5(6H)-ones substituted with flurbiprofen as anti-inflammatory and analgesic agents.

Decreased treatment failure rates following duodenal release ferrous glycine sulfate in iron deficiency anemia associated with autoimmune gastritis and *Helicobacter pylori* gastritis.

A critical comparison of murine pathology and epidemiological data of TCDD, PCB126, and PeCDF.

Constitutive mRNA expression of various glutathione S-transferase isoforms in different tissues of mice.

Metabolic fate of [(14)C]-2,4-dichlorophenol in tobacco cell suspension cultures.

Concentration and distribution of dioxins and related compounds in human tissues.

In vitro effects of reactive oxygen metabolites, with and without flunixin meglumine, on equine colonic mucosa.

Disruption of iron homeostasis increases phosphine toxicity in *Caenorhabditis elegans*.

Mouse lung CYP1A1 catalyzes the metabolic activation of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP).

Synthesis of 6-chloroisoquinoline-5,8-diones and pyrido[3,4-b]phenazine-5,12-diones and evaluation of their cytotoxicity and DNA topoisomerase II inhibitory activity.

Single high dose dexamethasone treatment decreases the pathological score and increases the survival rate of paraquat-intoxicated rats.

Cancer incidence among pesticide applicators exposed to dicamba in the agricultural health study.

Toxicity of glyphosate as Glypro and LI700 to red-eared slider (*trachemys scripta elegans*) embryos and early hatchlings.

Introduction of cAMP and establishment of neutral lipids alterations as pollution biomarkers using the mussel *Mytilus galloprovincialis*. Correlation with a battery of biomarkers.

Investigation of cancer occurrences associated with an herbicide manufacturing facility.

Evidence for a novel endocrine disruptor: the pesticide propanil requires the ovaries and steroid synthesis to enhance humoral immunity.

Histological changes and micronucleus induction in the zebra mussel *Dreissena polymorpha* after paraquat exposure.

NTP Technical Report on the comparative toxicity studies of allyl acetate (CAS No. 591-87-7), allyl alcohol (CAS No. 107-18-6) and acrolein (CAS No. 107-02-8) administered by gavage to F344/N rats and B6C3F1 mice.

Immunomodulatory effects of maternal atrazine exposure on male Balb/c mice.

Indomethacin induces small intestinal damage and inhibits amitrole-associated thyroid carcinogenesis in rats initiated with N-bis(2-hydroxypropyl)nitrosamine.

[One patient with rupture of esophagus induced by paraquat poisoning].

Orphan nuclear receptor pregnane X receptor sensitizes oxidative stress responses in transgenic mice and cancerous cells.

[Fatal poisoning caused by the ingestion of a concentrated solution of 2,4-D and MCPP].

Tissue distribution of lipid peroxidation product acrolein in human colon carcinogenesis.

Delayed occurrence of H-ras12V-induced hepatocellular carcinoma with long-term treatment with cinnamaldehydes.

Determination and assay validation of the bioactive sesquiterpene lactone xanthatin isolated from *Xanthium cavanillesii* using capillary electrophoresis.

Oral mucosal ulceration due to ferrous sulphate tablets: report of a case.

Pharmacologic and functional characterization of malignant hyperthermia in the R163C RyR1 knock-in mouse.

Impaired intestinal iron absorption in Crohn's disease correlates with disease activity and markers of inflammation.

Impact of weekly treatment with ferrous sulfate on hemoglobin level, morbidity and nutritional status of anemic infants.

The therapeutic effect of tissue cultured root of wild *Panax ginseng* C.A. Mayer on spermatogenetic disorder.

Ground-glass, polyglucosan-like hepatocellular inclusions: A "new" diagnostic entity.

Inhibitory effect of caffeic acid phenethyl ester on the growth of SW480 colorectal tumor cells involves beta-catenin associated signaling pathway down-regulation.

Severe adverse cutaneous reaction to insulin due to cresol sensitivity.

The constitutively active Ah receptor (CA-Ahr) mouse as a potential model for dioxin exposure--effects in vital organs.

Lung morphology after late fetal tracheal ligation in rats.

Relative cancer potencies of selected dioxin-like compounds on a body-burden basis: comparison to current toxic equivalency factors (TEFs).

Pendimethalin exposure and cancer incidence among pesticide applicators.

Synchrotron microradiography study on acute lung injury of mouse caused by PM(2.5) aerosols.

Enhanced expression of plasma glutathione peroxidase in the thymus of mice treated with TCDD and its implication for TCDD-induced thymic atrophy.

A dose-response study of the effects of prenatal and lactational exposure to TCDD on the immune response to influenza a virus.

Synergism in immunotoxicological effects due to repeated combined administration of arsenic and lead in mice.

Depletion of securin increases arsenite-induced chromosome instability and apoptosis via a p53-independent pathway.

Genetic differences in lethality of newborn mice treated in utero with coplanar versus non-coplanar hexabromobiphenyl.

Occupational factors and risk of adult bone sarcomas: a multicentric case-control study in Europe.

A randomized controlled trial of oral versus intravenous iron in chronic kidney disease.

Synthesis of 5-phenyl-1-(3-pyridyl)-1H-1,2,4-triazole-3-carboxylic acid derivatives of potential anti-inflammatory activity.

Glycerol uptake in HCT-15 human colon cancer cell line by Na(+)-dependent carrier-mediated transport.

The influence of inulin on the absorption of nitrogen and the production of metabolites of protein fermentation in the colon.

De novo expression of MECA-79 glycoprotein-determinant on developing B lymphocytes in gut-associated lymphoid tissues.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on leukocyte function-associated antigen-1 mediated splenocyte adhesion.

Liver glycogen bodies: ground-glass hepatocytes in transplanted patients.

Duox2 exhibits potent heme peroxidase activity in human respiratory tract epithelium.

Toxicology and carcinogenesis studies of 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4) in female Harlan Sprague-Dawley rats (gavage studies).

Gene expression alterations in immune system pathways following exposure to immunosuppressive chemicals.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (gavage studies).

A fatal case of saponated cresol ingestion.

Higher extracellular pH suppresses tracheary element differentiation by affecting auxin uptake.

Enhancing effects of simultaneous treatment with sodium nitrite on 2-amino-3-methylimidazo[4,5-f]quinoline-induced rat liver, colon and Zymbal's gland carcinogenesis after initiation with diethylnitrosamine and 1,2-dimethylhydrazine.

Dioxin cancer risk--example of hormesis?

Historical approaches to post-combat disorders.

Protein carbonylation and heat shock response in *Ruditapes decussatus* following p,p'-dichlorodiphenyldichloroethylene (DDE) exposure: a proteomic approach reveals that DDE causes oxidative stress.

Influence of phenol, p-cresol and indole on growth and survival of intestinal lactic acid bacteria.

Acute effects of 3,4-dichloroaniline on biomarkers and spleen histology of the common goby *Pomatoschistus microps*.

Constitutive activation of the aryl hydrocarbon receptor in T-lineage cells induces thymus involution independently of the Fas/Fas ligand signaling pathway.

The isolated anterior stomach of larval mosquitoes (*Aedes aegypti*): voltage-clamp measurements with a tubular epithelium.

Mutagenicity study of butachlor and its metabolites using *Salmonella typhimurium*.

[Paraquat intoxication and hemocarboperfusion].

Antioxidant and hepatoprotective effects of *Eucalyptus maculata*.

Effect of 2,4-dichlorophenoxyacetic acid on the activities of some metabolic enzymes for generating pyridine nucleotide pool of cells from mouse liver.

GSH poisoning.

The polysaccharide antibody response after *Streptococcus pneumoniae* vaccination is differentially enhanced or suppressed by 3,4-dichloropropionanilide and 2,4-dichlorophenoxyacetic acid.

Immunotoxic effects of short-term atrazine exposure in young male C57BL/6 mice.

Update: hydrogen cyanamide-related illnesses--Italy, 2002-2004.

Oral exposure to atrazine modulates cell-mediated immune function and decreases host resistance to the B16F10 tumor model in female B6C3F1 mice.

A risk assessment of atrazine use in California: human health and ecological aspects.

Poisoning due to urea herbicides.

Mortality in New Zealand workers exposed to phenoxy herbicides and dioxins.

Modeling and predicting stress-induced immunosuppression in mice using blood parameters.

Gibberellin inhibitors improve embryogenic tissue initiation in conifers.

Disruption of thyroid hormone homeostasis at weaning of Holtzman rats by lactational but not in utero exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Comparative susceptibility of newborn and young rats to six industrial chemicals.

Effects of ferrous sulphate and non-ionic iron-polymaltose complex on markers of oxidative tissue damage in patients with inflammatory bowel disease.

[Application of a 3D reconstruction model for the analysis of nitrofen induced intrathoracic malformations].

Multilocus sequence analysis and comparative evolution of virulence-associated genes and housekeeping genes of *Clostridium difficile*.

Synthesis and biodistribution of (11)C-GW7845, a positron-emitting agonist for peroxisome proliferator-activated receptor- γ .

Cutting edge: activation of the aryl hydrocarbon receptor by 2,3,7,8-tetrachlorodibenzo-p-dioxin generates a population of CD4⁺ CD25⁺ cells with characteristics of regulatory T cells.

Ultrastructural findings in feline corneal sequestra.

Gene expression changes in human small airway epithelial cells exposed to Delta9-tetrahydrocannabinol.

Combined effects of protein kinase inhibitors and 5-fluorouracil on CEA expression in human colon cancer cells.

Evaluation of pseudo-affective responses to noxious colorectal distension in rats by manometric recordings.

Effect of caffeic acid phenethyl ester on proliferation and apoptosis of colorectal cancer cells in vitro.

Congenital diaphragmatic hernia, tracheal occlusion, thyroid transcription factor-1, and fetal pulmonary epithelial maturation.

NF- κ B and not the MAPK signaling pathway regulates GADD45 β expression during acute inflammation.

Morbidity and mortality following inadvertent poisoning with decanted chemicals.

High susceptibility of human c-Ha-ras proto-oncogene transgenic rats to carcinogenesis: a cancer-prone animal model.

Common viral infection affects pentabrominated diphenyl ether (PBDE) distribution and metabolic and hormonal activities in mice.

[Possible candidates for the compound which is expected to attenuate dioxin toxicity].

Role of autoimmune gastritis, *Helicobacter pylori* and celiac disease in refractory or unexplained iron deficiency anemia.

The dioxin/aryl hydrocarbon receptor mediates downregulation of osteopontin gene expression in a mouse model of gastric tumorigenesis.

Recovery from iron deficiency in rats by the intake of recombinant yeast producing human H-ferritin.

Good bug, bad bug: in the case of enteric inflammatory disease does the epithelium decide?

Gastric hamartomatous tumours in a transgenic mouse model expressing an activated dioxin/Ah receptor.

Insulinlike growth factor I gene expression is increased in the fetal lung after tracheal ligation.

How does human stem cell therapy influence gene expression after liver injury? Microarray evaluation on a rat model.

A cyclic adenosine 3',5'-monophosphate stimulates phospholipase C γ 1-calcium signaling via the activation of tyrosine kinase in boar spermatozoa.

Sodium arsenite-induced inhibition of eukaryotic translation initiation factor 4E (eIF4E) results in cytotoxicity and cell death.

The development of a physiologically-based pharmacokinetic model using the distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the tissues of the eastern oyster (*Crassostrea virginica*).

Human cordonal stem cell intraperitoneal injection can represent a rescue therapy after an acute hepatic damage in immunocompetent rats.

Mechanisms underlying the relaxation response induced by bradykinin in the epithelium-intact guinea-pig trachea in vitro.

3D molecular modeling, free radical modulating and immune cells signaling activities of the novel peptidomimetic L-glutamyl-histamine: possible immunostimulating role.

Constitutively active aryl hydrocarbon receptor expressed specifically in T-lineage cells causes thymus involution and suppresses the immunization-induced increase in splenocytes.

Mechanism of TNF- α modulation of Caco-2 intestinal epithelial tight junction barrier: role of myosin light-chain kinase protein expression.

Human cytochrome p450 2s1: lack of activity in the metabolic activation of several cigarette smoke carcinogens and in the metabolism of nicotine.

Purification and characterization of carbonic anhydrase from bovine stomach and effects of some known inhibitors on enzyme activity.

Transport of thalidomide by the human intestinal caco-2 monolayers.

Local prevention of oxidative stress in the intestinal epithelium of the rat by adhesive liposomes of superoxide dismutase and tempamine.

Contribution of the *Helicobacter pylori* thiol peroxidase bacterioferritin comigratory protein to oxidative stress resistance and host colonization.

Retrospective case series of suspected intentional paraquat poisonings: diagnostic findings and risk factors for death.

Toxicology and carcinogenesis studies of microencapsulated trans-cinnamaldehyde in rats and mice.

Antioxidant enzymes and thiol/disulfide status in the digestive gland of the brown mussel *Perna perna* exposed to lead and paraquat.

Chlorpropham-induced splenotoxicity and its recovery in rats.

Mortality and cancer incidence among alachlor manufacturing workers 1968-99.

[Use of peptide bioregulators in intoxication with the herbicide 2,4-dichlorophenoxyacetic acid].

NTP toxicology and carcinogenesis studies of trans-cinnamaldehyde (CAS No. 14371-10-9) in F344/N rats and B6C3F1 mice (feed studies).

Poisoning due to chlorophenoxy herbicides.

Genotoxicity evaluation of pesticide formulations containing alachlor and atrazine in multiple mouse tissues (blood, kidney, liver, bone marrow, spleen) by comet assay.

The vagus and recurrent laryngeal nerves in experimental congenital diaphragmatic hernia.

2'-benzyloxycinnamaldehyde induces apoptosis in human carcinoma via reactive oxygen species.

Brown spots in the bowel.

The potential role of NaFeEDTA as an iron fortificant.

Effects of separate delivery of zinc or zinc and vitamin A on hemoglobin response, growth, and diarrhea in young Peruvian children receiving iron therapy for anemia.

Comparative analysis of Clostridium difficile clinical isolates belonging to different genetic lineages and time periods.

Evaluation of relative potencies of PCB126 and PCB169 for the immunotoxicities in ovalbumin (OVA)-immunized mice.

Heparanase uptake is mediated by cell membrane heparan sulfate proteoglycans.

Feasibility of "directly observed home-based twice-daily iron therapy" (DOHBIT) for management of anemia in rural patients: a pilot study.

Reduction of the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice using an antiulcer drug, geranylgeranylacetone.

Agricultural pesticide use and adenocarcinomas of the stomach and oesophagus.

Branch retinal artery occlusion: a complication of iron-deficiency anemia in a young adult with a rectal carcinoid.

[The effectiveness of three regimens using ferrous sulfate to treat anemia in pregnant women].

NTP toxicology and carcinogenesis studies of triethanolamine (Cas No. 102-71-6) in B6C3F1 mice (dermal studies).

Cyp1a1(-/-) male mice: protection against high-dose TCDD-induced lethality and wasting syndrome, and resistance to intrahepatocyte lipid accumulation and uroporphyrinuria.

Synthesis and analgesic evaluation of some 5-[beta-(10-phenothiazinyl)ethyl]-1-(acyl)-1,2,3,4-tetrazoles.

Epithelia under metabolic stress perceive commensal bacteria as a threat.

An NADPH quinone reductase of *Helicobacter pylori* plays an important role in oxidative stress resistance and host colonization.

Soft-tissue sarcoma and dioxin: A case-control study.

Treatment of iron deficiency anemia with Ferro-Folgamma.

Combined devascularization and proximal splenorenal shunt: is this a better option than either procedure alone?

Effect of epidermal growth factor on pulmonary hypoplasia in experimental diaphragmatic hernia.

Nitrofen-induced congenital diaphragmatic hernia in rat embryo: what model?

Ascorbic acid in nasal and tracheobronchial airway lining fluids.

Human health risks from arsenic in soils: does one model fit all?

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on maternal immune response during pregnancy.

The transepithelial voltage of the isolated anterior stomach of mosquito larvae (*Aedes aegypti*): pharmacological characterization of the serotonin-stimulated cells.

Developmental exposure to the potent aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin Impairs the cell-mediated immune response to infection with influenza A virus, but enhances elements of innate immunity.

Enzyme-linked immunosorbent assay for monitoring toxic dioxin congeners in milk based on a newly generated monoclonal anti-dioxin antibody.

CYP1A2 is not required for 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immunosuppression.

Quantitative analysis of cresol and its metabolites in biological materials and distribution in rats after oral administration.

Effects of sodium chlorate on toxin production by *Escherichia coli* O157:H7.

Nucleotidase activities in membrane preparations of nervous ganglia and digestive gland of the snail *Helix aspersa*.

Determination of phenol and o-cresol by GC/MS in a fatal poisoning case.

Modeling and predicting immunological effects of chemical stressors: characterization of a quantitative biomarker for immunological changes caused by atrazine and ethanol.

Fatal overdose of the herbicide bentazone.

Immune alterations in mice exposed to the herbicide simazine.

Antitumor effect of the cinnamaldehyde derivative CB403 through the arrest of cell cycle progression in the G2/M phase.

Mortality among triazine herbicide manufacturing workers.

Fatal acute poisoning by bentazon.

Pentachlorophenol poisoning.

[Paraquat intoxication].

Focal transmural necrotic tracheitis in commercial meat turkeys.

Comparison of cyanamide and placebo in the treatment of alcohol dependence of adolescents.

Differential induction of Mn-containing superoxide dismutase by paraquat in peripheral lymphocytes of normal subjects and gastric cancer patients.

Effects of dietary essential oil components on growth performance, digestive enzymes and lipid metabolism in female broiler chickens.

Chondroitin sulfate proteoglycans are required for lung growth and morphogenesis in vitro.

Biological activity of pentachlorophenol on the digestive gland cells of the freshwater mussel *Unio tumidus*.

SKN-1 links *C. elegans* mesendodermal specification to a conserved oxidative stress response.

[Acute poisoning caused by intravenous arsenic].

'Iron lung': distinctive bronchoscopic features of acute iron tablet aspiration.

Tolerogenic role of Kupffer cells in allergic reactions.

Novel 3,3a,4,5,6,7-hexahydroindazole and arylthiazolypyrazoline derivatives as anti-inflammatory agents.

Immunoglobulin E is not required for but enhances airway inflammation and hyperresponsiveness.

T cell-specific disruption of arylhydrocarbon receptor nuclear translocator (*Arnt*) gene causes resistance to 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced thymic involution.

Embryonic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in chickens: effects of dose and embryonic stage on hatchability and growth.

Medication-induced oesophageal disorders.

Dermal exposure to 3-amino-5-mercapto-1,2,4-triazole (AMT) induces sensitization and airway hyperreactivity in BALB/c mice.

Short- and long-term morbidity and mortality in the population exposed to dioxin after the "Seveso accident".

Markers of genetic susceptibility in human environmental hygiene and toxicology: the role of selected CYP, NAT and GST genes.

Human health effects of sodium azide exposure: a literature review and analysis.

Effects of agricultural pesticides on the immune system of *Rana pipiens* and on its resistance to parasitic infection.

A neuropsychotoxicological assessment of workers in a sodium azide production plant.

Functional alterations in CD11b(+)Gr-1(+) cells in mice injected with allogeneic tumor cells and treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Esophageal injury as a result of ingestion of iron tablets.

Tropical chronic pancreatitis: an update.

¹²³I-Interleukin-2: biochemical characterization and in vivo use for imaging autoimmune diseases.

Escherichia coli O157:H7 populations in sheep can be reduced by chlorate supplementation.

Ring around the cardia: a watermelon stomach variant.

Embryological origins and development of the rat diaphragm.

Prevention of iron deficiency anemia in adolescent and adult pregnancies.

Increase in cardiovascular pathology in female Sprague-Dawley rats following chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3,3',4,4',5-pentachlorobiphenyl.

Hyperoxia prevents carrageenan-induced enlargement of functional residual lung capacity in rats.

[Effect of teeth protector on dental injuries during general anesthesia].

Effect of lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on the susceptibility to *Listeria* infection.

Oxidative stress-induced cell death of human oral neutrophils.

Disruption of cellulose synthesis by isoxaben causes tip swelling and disorganizes cortical microtubules in elongating conifer pollen tubes.

Hepatocellular injury with hyperaminotransferasemia after cresol ingestion.

[Studies on gastrointestinal absorption enhancement effect and mechanism of sodium N-[8-(2-hydroxybenzyl)amino] caprylate to insulin solution].

Cell-specific expression of CYP2A5 in the mouse respiratory tract: effects of olfactory toxicants.

Kinetics of monochloroacetic acid at subtoxic and toxic doses in rats after single oral and dermal administrations.

NTP toxicology and carcinogenesis Studies of 2,4-hexadienal (89% trans,trans isomer, CAS No. 142-83-6; 11% cis,trans isomer) (Gavage Studies).

New method to study oxidative damage and antioxidants in the human small bowel: effects of iron application.

Soluble extracts from *Helicobacter pylori* induce dome formation in polarized intestinal epithelial monolayers in a laminin-dependent manner.

Determining whether transgenic and endogenous plant DNA and transgenic protein are detectable in muscle from swine fed Roundup Ready soybean meal.

Chemiluminescence response of beta-glucan stimulated leukocytes isolated from different tissues and peritoneal cavity of *Dicentrarchus labrax*.

Differential modulation of cytochrome P-450 1A and P-glycoprotein expression by aryl hydrocarbon receptor agonists and thyroid hormone in *Xenopus laevis* liver and intestine.

Whole-grain rye and wheat foods and markers of bowel health in overweight middle-aged men.

Progression of alachlor-induced olfactory mucosal tumours.

The chelating treatment is not useful in human's intoxication with acute herbicidal organic arsenic.

[Genotoxic effect of PCP and lindane on human epithelial tonsil cells].

Responses of microbial activity and decomposer organisms to contamination in microcosms containing coniferous forest soil.

Methylprednisolone does not enhance the surfactant effects on oxygenation and histology in paraquat-induced rat lung injury.

Toxicokinetics, recovery, and metabolism of triclopyr butotyl (ACTP) ester in goats.

Environmental agents as cause of health disorders in children presented at an outpatient unit of environmental medicine.

Pathways involved in mild gastrointestinal inflammation induced by a low level exposure to a food contaminant.

Lysosomal response of earthworm (*Eisenia fetida*) coelomocytes to the fungicide copper oxychloride and relation to life-cycle parameters.

Occupational voice disorders due to workplace exposure to irritants--a review of the literature.

What is a spontaneous pneumothorax?

Effects of paraquat on essential antioxidant elements in osteogenic disorder Shionogi rat.

In vitro effect of air pollutants on human bronchi.

A fatal human intoxication with the herbicide allyl alcohol (2-propen-1-ol).

Evaluation of a 15-day screening assay using intact male rats for identifying antiandrogens.

Combined effect of chronic hypoxia and in vitro exposure to gas pollutants on airway reactivity.

Essential role of ferritin Pfr in *Helicobacter pylori* iron metabolism and gastric colonization.

Soy protein reduces paraquat-induced oxidative stress in rats.

Chemokine-independent preference for T-helper-1 cells in transendothelial migration.

Src/ERK but not phospholipase D is involved in keratinocyte growth factor-stimulated secretion of matrix metalloprotease-9 and urokinase-type plasminogen activator in SNU-16 human stomach cancer cell.

The Coca-Cola incident in Belgium, June 1999.

Bioavailability of caseinophosphopeptide-bound iron.

Increased arylhydrocarbon receptor expression offers a potential therapeutic target for pancreatic cancer.

Molecular analysis of the pathogenicity locus and polymorphism in the putative negative regulator of toxin production (TcdC) among *Clostridium difficile* clinical isolates.

A study on behavioral, neurotoxicological, and immunotoxicological effects of subchronic arsenic treatment in rats.

Murine nitrofen-induced pulmonary hypoplasia does not involve induction of TGF-beta signaling.

A constitutively active dioxin/aryl hydrocarbon receptor induces stomach tumors.

[Neurotoxicity in sodium azide poisoning].

Induction of HSP72 by sodium arsenite fails to protect against cholecystokinin-octapeptide-induced acute pancreatitis in rats.

E-selectin modulates the malignant properties of T84 colon carcinoma cells.

Case-control study evaluating the homogeneity and heterogeneity of risk factors between sinonasal and nasopharyngeal cancers.

An autopsy case of poisoning by massive absorption of cresol a short time before death.

[Acute effects of methyl bromide gas in rats and mice--studies on survival time].

Recurrent stroke in a young patient with celiac disease and hyperhomocysteinemia.

Obligatory requirement of sulfation for P-selectin binding to human salivary gland carcinoma Acc-M cells and breast carcinoma ZR-75-30 cells.

Association between chronic exposure to pesticides and recorded cases of human malignancy in Gaza Governorates (1990-1999).

Dioxin in infants--an environmental hazard?

Src tyrosine kinase augments taxotere-induced apoptosis through enhanced expression and phosphorylation of Bcl-2.

Tumor necrosis factor alpha stimulates invasion of Src-activated intestinal cells.

Differentiation-dependent induction of CYP1A1 in cultured rat small intestinal epithelial cells, colonocytes, and human colon carcinoma cells: basement membrane-mediated apoptosis.

Monoclonal antibodies recognizing epitopes of calretinins: dependence on Ca²⁺-binding status and differences in antigen accessibility in colon cancer cells.

Phenol toxicity and conjugation in human colonic epithelial cells.

Metabolism and excretion of 2-nitro-p-cresol in rats.

Oral bioaccessibility of dioxins/furans at low concentrations (50-350 ppt toxicity equivalent) in soil.

Comparative study of the xenobiotic metabolising system in the digestive gland of the bivalve molluscs in different aquatic ecosystems and in aquaria experiments.

Different toxicological profile of two COMT inhibitors in vivo: the role of uncoupling effects.

Indolo[3,2-b]carbazole inhibits gap junctional intercellular communication in rat primary hepatocytes and acts as a potential tumor promoter.

Effects of entacapone and tolcapone on mitochondrial membrane potential.

Bioavailability of the isomer mixture of phytoene and phytofluene-rich alga *Dunaliella bardawil* in rat plasma and tissues.

Reconstitution of functional human B lymphocytes in NOD/SCID mice engrafted with ex vivo expanded CD34(+) cord blood cells.

Portal absorption of ¹⁴C after ingestion of spiked milk with ¹⁴C-phenanthrene, ¹⁴C-benzo[a]pyrene or ¹⁴C-TCDD in growing pigs.

Modeling digestive tract absorption and desorption of lipophilic organic contaminants in humans.

Role of pp60(c-src) and p(44/42) MAPK in ANG II-induced contraction of rat tonic gastrointestinal smooth muscles.

Synthesis and cytotoxic activity of N-(2-diethylamino)ethylcarboxamide and other derivatives of 10H-quindoline.

Sensory nerve-mediated nasal vasodilatory response to inspired ethyl acrylate.

Thrombin-stimulated cell proliferation mediated through activation of Ras/Raf/MEK/MAPK pathway in canine cultured tracheal smooth muscle cells.

Ferritin induction protects cortical astrocytes from heme-mediated oxidative injury.

Acute sodium arsenite administration induces pulmonary CYP1A1 mRNA, protein and activity in the rat.

Ethanol metabolism and transcription factor activation in pancreatic acinar cells in rats.

Neutropenia induced by paraquat poisoning.

Subacute toxicity of anilofos, a new organophosphorus herbicide, in male rats: effect on some physical attributes and acetylcholinesterase activity.

Surfactant and corticosteroid effects on lung function in a rat model of acute lung injury.

The effect of exposure to a commercial 2,4-D formulation during gestation on the immune response in CD-1 mice.

[Genotoxic effect of the insecticides pentachlorophenol and lindane on human nasal mucosal epithelium].

Tracheal injury caused by ingested paraquat.

Evaluation of the toxicity of chemical compounds using digestive acini of the bivalve mollusc *Pecten maximus* L. maintained alive in vitro.

Toxic effects of the herbicide 2,4-dichlorophenoxyacetic acid on lymphoid organs of the rat.

Pesticide poisoning initially suspected as a natural death.

Pancreatitis induced by environmental toxins.

Chronic low-level administration of diquat increases the nociceptive response to gastric distension in rats: role of mast cells and tachykinin receptor activation.

Effects of chlorpropham (CIPC) on the hemopoietic system of rats.

Ceramide-mediated apoptosis in lung epithelial cells is regulated by glutathione.

Biodegradation and transfer of ingested 2,4-D herbicide by a polyphagous saturniid caterpillar.

Hydrogen peroxide detoxification in the midgut of the blood-sucking insect, *Rhodnius prolixus*.

Cholinergic nerves mediate acetaldehyde action in the gastrointestinal tract.

Sensory-nerve-mediated nasal vasodilatory response to inspired acetaldehyde and acetic acid vapors.

Selected contribution: effect of the aldehyde acrolein on acetylcholine-induced membrane current in airway smooth muscle cells.

Three cases of acute methyl bromide poisoning in a seedling farm family.

T-cell-based immunity counteracts the potential toxicity of glutamate in the central nervous system.

Contribution of Mn-cofactored superoxide dismutase (SodA) to the virulence of *Streptococcus agalactiae*.

Suppression of allergic immune responses to house dust mite (HDM) in rats exposed to 2,3,7,8-TCDD.

Anorectal atresia. An experimental model in the rat.

Health effects of dioxin exposure: a 20-year mortality study.

Chronic toxicity of dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin to mink.

Fetal tracheal occlusion in the rat model of nitrofen-induced congenital diaphragmatic hernia: tracheal occlusion reverses the arterial structural abnormality.

Will genetically modified foods be allergenic?

2,3,7,8-Tetrachlorodibenzo-p-dioxin and diindolylmethanes differentially induce cytochrome P450 1A1, 1B1, and 19 in H295R human adrenocortical carcinoma cells.

Disruption of the genes for ClpXP protease in *Salmonella enterica* serovar Typhimurium results in persistent infection in mice, and development of persistence requires endogenous gamma interferon and tumor necrosis factor alpha.

Toxicity of PCB-126 in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P4501A induction in several organ systems.

Alternative activation of extracellular signal-regulated protein kinases in curcumin and arsenite-induced HSP70 gene expression in human colorectal carcinoma cells.

Acquired resistance to Ah receptor agonists in a population of Atlantic killifish (*Fundulus heteroclitus*) inhabiting a marine superfund site: in vivo and in vitro studies on the inducibility of xenobiotic metabolizing enzymes.

Differential expression of Hox A5 in human colon cancer cell differentiation: a quantitative study using real-time RT-PCR.

5-Aminolaevulinic acid methyl ester transport on amino acid carriers in a human colon adenocarcinoma cell line.

Capacity of mouse mast cells to prime T cells and to induce specific antibody responses in vivo.

BAPS prize-1999: Lung growth induced by prenatal tracheal occlusion and its modifying factors: a study in the rat model of congenital diaphragmatic hernia.

Insecticidal activity of glufosinate through glutamine depletion in a caterpillar.

Aryl hydrocarbon receptor signaling plays a significant role in mediating benzo[a]pyrene- and cigarette smoke condensate-induced cytogenetic damage in vivo.

Evidence of P-glycoprotein mediated apical to basolateral transport of flunisolide in human broncho-tracheal epithelial cells (Calu-3).

Reductions in systemic oxygen delivery induce a hypometabolic state in the turtle *Trachemys scripta*.

Fatal poisoning by butachlor and chlornitrofen ingested from a bottle marked as nitrofen.

Characteristics of transport of fluoresceinated methotrexate in rat small intestine.

Effects of binary mixtures of six xenobiotics on hormone concentrations and morphometric endpoints of northern bobwhite quail (*Colinus virginianus*).

Mechanisms of thrombin-induced MAPK activation associated with cell proliferation in human cultured tracheal smooth muscle cells.

Aryl hydrocarbon receptor-deficient mice generate normal immune responses to model antigens and are resistant to TCDD-induced immune suppression.

The use of dogs as second species in regulatory testing of pesticides. Part II: Subacute, subchronic and chronic studies in the dog.

Chlorophyll derived from *Chlorella* inhibits dioxin absorption from the gastrointestinal tract and accelerates dioxin excretion in rats.

Establishment of orally-administered *Lactobacillus gasseri* SBT2055SR in the gastrointestinal tract of humans and its influence on intestinal microflora and metabolism.

2,3,7,8-Tetrachlorodibenzo-p-dioxin affects the number and function of murine splenic dendritic cells and their expression of accessory molecules.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of different cytotoxins on cytochrome P450 mediated monooxygenase functions and on oxidative state.

Acute and repeated vapor exposure toxicology of 3-(methylthio)propionaldehyde.

Cytogenetic studies of three triazine herbicides. II. In vivo micronucleus studies in mouse bone marrow.

Modeling and predicting selected immunological effects of a chemical stressor (3,4-dichloropropionanilide) using the area under the corticosterone concentration versus time curve.

[Paraquat poisoning. A study of 29 cases and evaluation of the effectiveness of the "Caribbean scheme"].

Arsenic species that cause release of iron from ferritin and generation of activated oxygen.

72-kDa stress protein (hsp72) induced by administration of dimethylarsinic acid to mice accumulates in alveolar flat cells of lung, a target organ for arsenic carcinogenesis.

Chronic ingestion of a potential food contaminant induces gastrointestinal inflammation in rats: role of nitric oxide and mast cells.

Cancer mortality in four northern wheat-producing states.

[Poisonings with the herbicides glyphosate and glyphosate-trimesium].

Lung toxicity of paraquat in the rat.

Clinical presentations and prognostic factors of a glyphosate-surfactant herbicide intoxication: a review of 131 cases.

Increase in production of ascorbate radical in tissues of rat treated with paraquat.

In vivo cytokine production and resistance to infection after acute exposure to 3,4-dichloropropionaniline.

Subchronic toxicity of chlorpropham (CIPC) in ICR mice.

Ethane sulfonate metabolite of alachlor: assessment of oncogenic potential based on metabolic and mechanistic considerations.

Cellular mechanisms of acrolein-induced alteration in calcium signaling in airway smooth muscle.

A fatal case of chlorate poisoning: confirmation by ion chromatography of body fluids.

Quantitative determination of paraquat in a fatal intoxication by HPLC-DAD following chemical reduction with sodium borohydride.

Detection of 2,4-dichlorophenoxyacetic acid (2,4-D) residues in neonates breast-fed by 2,4-D exposed dams.

Genetic variation of basal iron status, ferritin and iron regulatory protein in mice: potential for modulation of oxidative stress.

A new diquat derivative appropriate for colourimetric measurements of biological materials in the presence of paraquat.

Clinical effects and plasma concentration determination after 2,4-dichlorophenoxyacetic acid 200 mg/kg administration in the dog.

Mechanisms of toxicity, clinical features, and management of diquat poisoning: a review.

Mechanisms of toxicity, clinical features, and management of acute chlorophenoxy herbicide poisoning: a review.

Results of dental amalgam removal and mercury detoxification using DMPS and neural therapy.

Evaluation of a novel antimicrobial polymer for the control of porcine postweaning colibacillosis.

Comparative metabolism of chloroacetamide herbicides and selected metabolites in human and rat liver microsomes.

Sensitivity of the SRBC PFC assay versus ELISA for detection of immunosuppression by TCDD and TCDD-like congeners.

The mercapturic acid biotransformation pathway of hexachlorobenzene is not involved in the induction of splenomegaly, or skin and lung lesions in the Brown Norway rat.

Induction of the stress response increases interleukin-6 production in the intestinal mucosa of endotoxaemic mice.

The effects of perinatal exposure to low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin on immune organs in rats.

[Diagnosis of acute poisoning].

Iron deficiency due to excessive therapeutic phlebotomy in hemochromatosis.

Injection of iron compounds followed by induction of the stress response causes tissue injury and apoptosis.

Central versus peripheral mediation of naloxone's perfusion effects in endotoxic rats.

In vivo, in utero microscopic magnetic resonance imaging: application in a rat model of diaphragmatic hernia.

Redistribution of accumulated 2,3,7,8-tetrachlorodibenzo-p-dioxin during coxsackievirus B3 infection in the mouse.

Quantitative analysis of tyrosinase transcripts in blood.

Benzylidene lactam compound, KNK437, a novel inhibitor of acquisition of thermotolerance and heat shock protein induction in human colon carcinoma cells.

Iron supplementation affects the production of pro-inflammatory cytokines in IL-10 deficient mice.

Uncoupling of intestinal mitochondrial oxidative phosphorylation and inhibition of cyclooxygenase are required for the development of NSAID-enteropathy in the rat.

Transfer factors: identification of conserved sequences in transfer factor molecules.

Increase of specific symptoms after long-term use of chlorophenol polluted drinking water in a community.

[Clinical experience with the use of benzylalcohol and amyl-m-cresol (Strepsils) in stomatological diseases].

Drug-induced oesophageal disorders: pathogenesis, incidence, prevention and management.

Trypsin stimulates integrin alpha(5)beta(1)-dependent adhesion to fibronectin and proliferation of human gastric carcinoma cells through activation of proteinase-activated receptor-2.

Analysis of the pathogenicity locus in Clostridium difficile strains.

Mass psychogenic illness attributed to toxic exposure at a high school.

Pharmacokinetics of orally administered camptothecins.

Effect of iron salts, haemosiderins, and chelating agents on the lymphocytes of a thalassaemia patient without chelation therapy as measured in the comet assay.

Sodium arsenite induces the stress response in the gut and decreases bacterial translocation in a burned mouse model with gut-derived sepsis.

Cytokine-inducing activity and antitumor effect of a liposome-incorporated interferon-gamma-inducing molecule derived from OK-432, a streptococcal preparation.

Effects of iron salts and haemosiderin from a thalassaemia patient on oxygen radical damage as measured in the comet assay.

The effect of cysteine and 2,4-dinitrophenol on heme and nonheme absorption in a rat intestinal model.

Monomethylarsonic acid reductase and monomethylarsonous acid in hamster tissue.

Chronic toxicity of arsenic in goats: clinicobiochemical changes, pathomorphology and tissue residues.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of different cytotoxins on cytochrome P450 isoforms expression and on glycogen content.

Developmental and tissue-specific expression of AHR1, AHR2, and ARNT2 in dioxin-sensitive and -resistant populations of the marine fish *Fundulus heteroclitus*.

Toxicity of TCDD in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P450 1A induction in several organ systems.

Pathologic alterations in adult rainbow trout, *Oncorhynchus mykiss*, exposed to dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Biochemical evidence for ATPase activity in CFTR-enriched apical membrane vesicles from tracheal epithelium.

Pathological lesions in lambs fed raw or processed cottonseed meal.

Transforming growth factor- α -mediated growth pathways in human gastro-intestinal cell lines in relation to the gastrin autocrine pathway.

Tumour necrosis factor- α - and interleukin-1 β -stimulated cell proliferation through activation of mitogen-activated protein kinase in canine tracheal smooth muscle cells.

Cloning and functional characterization of the bile acid-sensitive methotrexate carrier from rat liver cells.

A novel function of thyrotropin as a potentiator of electrolyte secretion from the tracheal gland.

Oxidative stress in female B6C3F1 mice following acute and subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

TCDD induces CYP1A4 and CYP1A5 in chick liver and kidney and only CYP1A4, an enzyme lacking arachidonic acid epoxygenase activity, in myocardium and vascular endothelium.

Toxicology of environmental chemicals in the flounder (*Platichthys flesus*) with emphasis on the immune system: field, semi-field (mesocosm) and laboratory studies.

NTP Toxicology and Carcinogenesis Studies of Pyridine (CAS No. 110-86-1) in F344/N Rats, Wistar Rats, and B6C3F1 Mice (Drinking Water Studies).

Cromakalim-induced membrane current in guinea-pig tracheal smooth muscle cells.

[Chemical accident in Sch \ddot{A} nbeck--an assessment of the risk to health and environment].

Rapid lethal intoxication caused by the herbicide glyphosate-trimesium (Touchdown).

trans-Activation of PPAR α and PPAR γ by structurally diverse environmental chemicals.

Associations between stomach cancer incidence and drinking water contamination with atrazine and nitrate in Ontario (Canada) agroecosystems, 1987-1991.

Cardiogenic shock in a patient with glyphosate-surfactant poisoning.

Renal failure and corrosive airway and gastrointestinal injury after ingestion of diluted diquat solution.

Cigarette smoke induces direct DNA damage in the human B-lymphoid cell line Raji.

Fatal paraquat poisoning: report of two cases.

Acute basagran poisoning mimicking neuroleptic malignant syndrome.

Clinical impact of upper gastrointestinal tract injuries in glyphosate-surfactant oral intoxication.

Glutathione antagonized cyclophosphamide- and acrolein-induced cytotoxicity of PC3 cells and immunosuppressive actions in mice.

Homicide by paraquat poisoning.

An evaluation of the carcinogenic potential of the herbicide alachlor to man.

Vaginally applied diquat intoxication.

Acute poisoning with a herbicide containing imazapyr (Arsenal): a report of six cases.

³²P-postlabelling with high-performance liquid chromatography for analysis of abundant DNA adducts in human tissues.

Auxin is required for leaf vein pattern in Arabidopsis.

Sensory nerve-mediated immediate nasal responses to inspired acrolein.

[Dietary fiber inhibits the incidence of hepatic metastasis with the anti-oxidant activity and portal scavenging functions].

Synthesis and evaluation of anti-inflammatory activity of some thiazolo[3,2-b]-1,2,4-triazole-5(6H)-ones and their Michael addition products.

Occupational exposures and risk of gastric cancer in a population-based case-control study.

Risk of stomach cancer associated with 12 workplace hazards: analysis of death certificates from 24 states of the United States with the aid of job exposure matrices.

Erosive injury to the upper gastrointestinal tract in patients receiving iron medication: an underrecognized entity.

Effect of a single or repeated dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on T cell subpopulations in the Long-Evans rat.

Long term substitution and specific immune responses after transfer of bovine peripheral blood lymphocytes into severe combined immunodeficient mice.

Mutation of beta-catenin is an early event in chemically induced mouse hepatocellular carcinogenesis.

Effects of aging on resistance to *Trichinella spiralis* infection in rodents exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Fetal tracheal occlusion in the rat model of nitrofen-induced congenital diaphragmatic hernia.

Heparin/heparan sulfate interacting protein gene expression is up-regulated in human colorectal carcinoma and correlated with differentiation status and metastasis.

Geographical differences of cancer incidence in Costa Rica in relation to environmental and occupational pesticide exposure.

Randomized placebo-controlled trial of *Helicobacter pylori* eradication for iron-deficiency anemia in preadolescent children and adolescents.

4-chloro-m-cresol is a trigger of malignant hyperthermia in susceptible swine.

Toxicity of 3,3',4,4'-tetrachloroazoxybenzene in rats and mice.

Toxicity of 3,3',4,4'-tetrachloroazobenzene in rats and mice.

Influence of phosphotyrosine kinase inhibitors on adhesive properties of highly and poorly metastatic HT-29 colon carcinoma cells to collagen.

Ex vivo evaluation of a Taylor-Couette flow, immobilized heparinase I device for clinical application.

[Oxidative injury and its defense system in vivo].

Novel phenotype associated with in vivo activated CTL precursors.

v-src induces cisplatin resistance by increasing the repair of cisplatin-DNA interstrand cross-links in human gallbladder adenocarcinoma cells.

Effective treatment of murine leukemia with antisense poly-2'O-(2,4-dinitrophenyl)-oligoribonucleotides.

Oral ferrous sulfate supplements increase the free radical-generating capacity of feces from healthy volunteers.

Isoform-specific induction of a human aldo-keto reductase by polycyclic aromatic hydrocarbons (PAHs), electrophiles, and oxidative stress: implications for the alternative pathway of PAH activation catalyzed by human dihydrodiol dehydrogenase.

Human cytochrome P4501A2.

The tracheobronchial tree is abnormal in experimental congenital diaphragmatic hernia.

Hodgkin's disease, work, and the environment. A review.

Effects of phenolic antioxidants and flavonoids on DNA synthesis in rat liver, spleen, and testis in vitro.

Binding capacity of various fibre to pesticide residues under simulated gastrointestinal conditions.

Polychlorinated biphenyl mixtures (Aroclors) inhibit LPS-induced murine splenocyte proliferation in vitro.

pH-dependent uptake of irinotecan and its active metabolite, SN-38, by intestinal cells.

NTP Toxicology and Carcinogenesis Studies of Triethanolamine (CAS No. 102-71-6) in F344 Rats and B6C3F1 Mice (Dermal Studies).

Role of glutathione and reactive oxygen intermediates in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immune suppression in C57Bl/6 mice.

Amount and fate of egg protein escaping assimilation in the small intestine of humans.

Identification and immunolocalization of two isoforms of ATP-diphosphohydrolase (ATPDase) in the pig immune system.

Acute iron intoxication: the efficacy of deferiprone and sodium bicarbonate in the prevention of iron absorption from the digestive tract.

Effects of dexamethasone, growth factors, and tracheal ligation on the development of nitrofen-exposed hypoplastic murine fetal lungs in organ culture.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of various mitogens and cytotoxins on cytochrome P450 (P450) isoforms expression and on P450 mediated monooxygenase functions.

Hypoxic hypometabolism in the anesthetized turtle, *Trachemys scripta*.

p120(ctn) acts as an inhibitory regulator of cadherin function in colon carcinoma cells.

[Effect of green vegetable on digestive tract absorption of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in rats].

[Effect of protoporphyrin on digestive tract absorption of dioxins in rats].

Cellular signalling and free-radical modulating activities of the novel peptidomimetic L-glutamyl-histamine.

Superficial buffer barrier and preferentially directed release of Ca²⁺ in canine airway smooth muscle.

Dietary intrinsic phytate protects colon from lipid peroxidation in pigs with a moderately high dietary iron intake.

Subcellular localization of meta-tetra (hydroxyphenyl) chlorin in human tumor cells subjected to photodynamic treatment.

Four amino acid changes are associated with the Aldh3a1 locus polymorphism in mice which may be responsible for corneal sensitivity to ultraviolet light.

Species differences in hepatocyte induction of CYP1A1 and CYP1A2 by omeprazole.

Induction of collagenase-3 (MMP-13) expression in human skin fibroblasts by three-dimensional collagen is mediated by p38 mitogen-activated protein kinase.

Apoptosis of the intestinal principal cells of *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Glyphosate toxicosis in domestic animals: a survey from the data of the Centre National d'Informations Toxicologiques Veterinaires (CNITV).

Chronic dietary toxicity study on 2,4-dichlorophenoxybutyric acid in the dog.

Postservice mortality of US Air Force veterans occupationally exposed to herbicides in Vietnam: 15-year follow-up.

Inhibitors of branched-chain amino acid biosynthesis as potential antituberculosis agents.

Airspace configuration at different transpulmonary pressures in normal and paraquat-induced lung injury in rats.

Health effects of occupational pentachlorophenol exposure in timber sawmill employees: a preliminary study.

Surfactant therapy restores gas exchange in lung injury due to paraquat intoxication in rats.

Involvement of oxidative stress in paraquat-induced metallothionein synthesis under glutathione depletion.

Malicious paraquat poisoning in Oklahoma dogs.

Clinical experience with pendimethalin (STOMP) poisoning in Taiwan.

Effects of edifenphos and glyphosate on the immune response and protein biosynthesis of bolti fish (*Tilapia nilotica*).

Effect of 2,4-dichlorophenoxyacetic acid, trifluralin and triallate herbicides on immune function.

Thermally oxidized dietary fat and colon carcinogenesis in rodents.

Free radicals and antioxidant status following pylorus ligation induced gastric mucosal injury in rats.

Effect of pentachlorophenol on immune function.

Calcium signaling in airway smooth muscle cells is altered by in vitro exposure to the aldehyde acrolein.

Gastric and intestinal ethanol toxicity in the rat. Effect on glutathione level and role of alcohol and acetaldehyde metabolisms.

Periplasmic copper-zinc superoxide dismutase protects *Haemophilus ducreyi* from exogenous superoxide.

Expression of mucin-associated sulfo-Lea carbohydrate epitopes on human colon carcinoma cells.

Concentrated cresol intoxication.

Molecular and functional characterization of *Salmonella enterica* serovar typhimurium *poxA* gene: effect on attenuation of virulence and protection.

Enantiomers of flurbiprofen can distinguish key pathophysiological steps of NSAID enteropathy in the rat.

Hepatocyte extracellular matrix modulates expression of growth factors and growth factor receptors in human colon cancer cells.

A large mouth ulcer, caused by a ferrous sulphate tablet in direct contact with oral mucosa in a patient with senile dementia.

Low-dose oral iron absorption test: establishment of a reference interval.

Occupational risk factors for cancer of the gastric cardia. Analysis of death certificates from 24 US states.

Regulation of cytochrome P450 enzymes by aryl hydrocarbon receptor in human cells: CYP1A2 expression in the LS180 colon carcinoma cell line after treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin or 3-methylcholanthrene.

Oral teratogenicity studies of methyl bromide in rats and rabbits.

Role of altered arachidonic acid metabolism in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immune suppression in C57Bl/6 mice.

Differential display of genes in normal and hypoplastic fetal murine lungs.

Characterization of the effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in B6C3F1 and DBA/2 mice following single and repeated exposures.

Aryl hydrocarbon receptor-inducible or constitutive expression of human UDP glucuronosyltransferase UGT1A6.

Endotracheal inhalatory sodium nitroprusside in severely hypoxic newborns.

2,3,7,8-Tetrachlorodibenzo-p-dioxin co-stimulates staphylococcal enterotoxin beta (SEB) cytokine production and phenotypic cell cycling in Long-Evans rats.

Chemical warfare agents: estimating oral reference doses.

Lipopolysaccharide activation of murine splenocytes and splenic B cells increased the expression of aryl hydrocarbon receptor and aryl hydrocarbon receptor nuclear translocator.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazoxybenzene (CAS No. 21232-47-3) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazobenzene (CAS No. 14047-09-7) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induction of cytochrome P450-dependent arachidonic acid metabolism in mouse liver microsomes: evidence for species-specific differences in responses.

Heat shock protein improves cold preserved small bowel grafts.

2,3,7,8-Tetrachlorodibenzo-p-dioxin in pregnant Long Evans rats: disposition to maternal and embryo/fetal tissues.

Effect of protein kinase inhibitors on primary antibody induction in tissue cultures.

Evidence for impaired assimilation and increased colonic fermentation of protein, related to gastric acid suppression therapy.

CD40-mediated signal transduction in human airway smooth muscle.

Military history of patients with inflammatory bowel disease: an epidemiological study among U.S. veterans.

p38 mitogen-activated protein kinase expression and activation in smooth muscle.

Enhanced oxidative stress and altered antioxidants in brains of Bcl-2-deficient mice.

Neuron density and distribution of NADPH-diaphorase positive neurons in the human stomach.

Anti-immunoglobulin E antibody treatment blocks histamine release and tissue contraction in sensitized mice.

Colony-stimulating factor-1 stimulates the fusion process in osteoclasts.

Female Sprague-Dawley rats exposed to a single oral dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin exhibit sustained depletion of aryl hydrocarbon receptor protein in liver, spleen, thymus, and lung.

The effects of serum iminodipeptides and prednisolone on superoxide generation and tyrosyl phosphorylation of proteins in neutrophils from a patient with prolidase deficiency.

Mechanical strain increases protein tyrosine phosphorylation in airway smooth muscle cells.

Identification of a putative surfactant convertase in rat lung as a secreted serine carboxylesterase.

Correlation of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced apoptotic cell death in the embryonic vasculature with embryotoxicity.

Hemotoxicity of chlorpropham (CIPC) in F344 rats.

A review of epidemiologic studies of triazine herbicides and cancer.

A case of paraquat poisoning and subsequent fatality presenting to an emergency department.

A case-control study of lung cancer among Vietnam veterans.

The immunomodulatory effects of the herbicide propanil on murine macrophage interleukin-6 and tumor necrosis factor-alpha production.

Quantitative distributions of different cholinesterases and inhibition of acetylcholinesterase by metidathion and paraquat in alimentary canal of common carp.

The oral and intratracheal toxicities of ROUNDUP and its components to rats.

A fatal case of drinking and cyanamide intake.

Inhibition of intracellular Ca²⁺ signalling, cytotoxicity and antitumor activity of the herbicide oryzalin and its analogues.

Comparison of HPLC and CE for the analysis of dichlorprop in a case of intoxication.

[Late pseudo-appendicular syndrome after Roundup poisoning].

Lipid peroxidation and histopathological changes in the digestive gland of a freshwater snail *Planorbium corneum* L. (Gastropoda, Pulmonata) exposed to chronic and sub-chronic concentrations of PCP.

Use of estrogen therapy in a patient with gastrointestinal bleeding secondary to arteriovenous malformations.

Dioxin exposure and cancer risk: a 15-year mortality study after the "Seveso accident".

Evidence for protein dolichylation.

Alterations in the developing immune system of the F344 rat after perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: II. Effects on the pup and the adult.

The role of NAD(P)H:quinone oxidoreductase in quinone-mediated p21 induction in human colon carcinoma cells.

Lateral hypothalamic injection of GABA(A) antagonist induces gastric vagus-mediated hypocalcemia in the rat.

Mitochondrial damage: a possible mechanism of the "topical" phase of NSAID induced injury to the rat intestine.

Thiamine uptake in human intestinal biopsy specimens, including observations from a patient with acute thiamine deficiency.

Mechanisms involved in Helicobacter pylori-induced interleukin-8 production by a gastric cancer cell line, MKN45.

Mitochondrial proliferation and paradoxical membrane depolarization during terminal differentiation and apoptosis in a human colon carcinoma cell line.

Tumor-specific expression of cytochrome P450 CYP1B1.

Opposite effects of 2,2',4,4',5,5'-hexachlorobiphenyl and 2,3,7,8-tetrachlorodibenzo-p-dioxin on the antibody response to sheep erythrocytes in mice.

Mortality among Army Chemical Corps Vietnam veterans.

Regulation of dioxin receptor function by omeprazole.

Helicobacter pylori stimulates granulocyte-macrophage colony-stimulating factor (GM-CSF) production from cultured antral biopsies and a human gastric epithelial cell line.

Cancer mortality among rice growers in Novara Province, northern Italy.

Involvement of altered B7 expression in dioxin immunotoxicity: B7 transfection restores the CTL but not the autoantibody response to the P815 mastocytoma.

Psoralens: novel modulators of Cl⁻ secretion.

Protein phosphatase in neuroblastoma cells: [3H]cantharidin binding site in relation to cytotoxicity.

Position statement: ipecac syrup. American Academy of Clinical Toxicology; European Association of Poisons Centres and Clinical Toxicologists.

Impaired cellular immune response in rats exposed perinatally to Baltic Sea herring oil or 2,3,7,8-TCDD.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and congeners in infants. A toxicokinetic model of human lifetime body burden by TCDD with special emphasis on its uptake by nutrition.

[Chronic diarrhea following ingestion of Tardyferon associated with lymphocytic colitis].

Digestive tract neoplasms among employees with past exposure to brominated dioxins.

Zinc supplementation reduced morbidity, but neither zinc nor iron supplementation affected growth or body composition of Mexican preschoolers.

Cytochrome P450 1A1 induction in rat lymphoid tissues following in vivo and in vitro exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin requires protein kinase C.

Is exposure to bacterial endotoxin a determinant of susceptibility to intoxication from xenobiotic agents?

Metabolism of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) by human cytochrome P4501B1.

Impairment of antigen-specific antibody production in transgenic mice expressing a dominant-negative form of gp130.

Nitric oxide decreases intestinal haemorrhagic lesions in rat anaphylaxis independently of mast cell activation.

Differential effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the expression of prostaglandin-H synthase isoenzymes in mouse tissues.

Effects of K⁺ channel inhibitors and antagonists on NS-004 evoked relaxations in guinea-pig isolated trachea.

[Lesions of the tracheobronchial tree after the aspiration of a tablet of ferrous sulfate].

Suspected herbicide toxicosis in a dog.

Acute oral toxicity of the herbicide BUREX EKO in pheasants.

Alleviation of paraquat-induced lung injury by pretreatment with bifunctional liposomes containing alpha-tocopherol and glutathione.

Cancer incidence among alachlor manufacturing workers.

Evaluation of mortality and cancer incidence among alachlor manufacturing workers.

[Paraquat poisoning. Description of a case].

The expressed protein in glyphosate-tolerant soybean, 5-enolpyruvylshikimate-3-phosphate synthase from *Agrobacterium* sp. strain CP4, is rapidly digested in vitro and is not toxic to acutely gavaged mice.

Effect of dietary paraquat on a rat mutant unable to synthesize ascorbic acid.

Mortality in a cohort of pentachlorophenol manufacturing workers, 1940-1989.

The effects of chronic sidestream cigarette smoke exposure on eicosanoid production by tracheal epithelium.

Active transport of glutathione S-conjugate in human colon adenocarcinoma cells.

Effects induced by feeding organochlorine-contaminated carp from Saginaw Bay, Lake Huron, to laying White Leghorn hens. II. Embryotoxic and teratogenic effects.

Effects of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) injected into the yolks of chicken (*Gallus domesticus*) eggs prior to incubation.

Gaseous disinfection of *Cryptosporidium parvum* oocysts.

Inhibition of TC-1 cytokine production, effector cytotoxic T lymphocyte development and alloantibody production by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Evaluating the antioxidant potential of new treatments for inflammatory bowel disease using a rat model of colitis.

Fatal accident resulting from methyl bromide poisoning after fumigation of a neighbouring house; leakage through sewage pipes.

Cause specific mortality and cancer incidence among employees exposed to 2,3,7,8-TCDD after a 1953 reactor accident.

Mechanisms of colon cancer binding to substratum and cells.

Diagnostic criteria for selenium toxicosis in aquatic birds: dietary exposure, tissue concentrations, and macroscopic effects.

Cancer incidence and specific occupational exposures in the Swedish leather tanning industry: a cohort based case-control study.

Pirenzepine versus scopolamine methyl bromide in double-contrast barium enema study of large bowel.

Lung collagen cross-links in rats with experimentally induced pulmonary fibrosis.

Exogenous catalase may potentiate oxidant-mediated lung injury in the female Sprague-Dawley rat.

Factors influencing the development of sigmoid colon cancer. Bacteriologic and biochemical studies.

Role of decomposition products in sodium methylthiocarbamate-induced immunotoxicity.

Glutathione S-transferase-pi is secreted as a monomer into human plasma by platelets and tumor cells.

Safety assessment based on irrelevant toxicologic data: an extraordinary case of bromomethane used as a fumigant.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on humoral and cell-mediated immunity in Sprague-Dawley rats.

Evaluation of reactive oxygen species involvement in amiodarone pulmonary toxicity in vivo and in vitro.

Reactive airway dysfunction syndrome due to sodium azide inhalation.

Host resistance to rat cytomegalovirus (RCMV) and immune function in adult PVG rats fed herring from the contaminated Baltic Sea.

Curcumin induces apoptosis in immortalized NIH 3T3 and malignant cancer cell lines.

Therapeutic efficacy of povidone-iodine (Betadine) and dichloroxylenol (Septocid) in Holstein cows affected with endometritis and/or cervicitis.

Mechanism underlying the inhibitory effect of high calcium carbonate intake on iron bioavailability from ferrous sulphate in anaemic rats.

Basal metabolism of intraperitoneally injected carrier-free ⁷⁴As-labeled arsenate in rabbits.

Stereoselective action of (R*,R*)-(+/-)-methyl-4-[2-[2-hydroxy-2-(3-chlorophenyl)ethylamino] propyl]-phenoxyacetic acid (BRL37344) on beta-adrenoceptors and metabolic chiral inversion.

Identification and characterisation of a superoxide dismutase and catalase from *Mycobacterium ulcerans*.

Inhibitory effect of tyrosine kinase inhibitors on antigen-induced tracheal contraction and histamine release in guinea pigs.

Tissue-specific 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible expression of human UDP-glucuronosyltransferase UGT1A6.

Bladder augmentation in the prevention of cyclophosphamide-induced haemorrhagic cystitis in the rat model.

Human and rat airway smooth muscle responsiveness after ozone exposure in vitro.

Metabolism of alcohol by human gastric cells: relation to first-pass metabolism.

Identification of functional aryl hydrocarbon receptor and aryl hydrocarbon receptor nuclear translocator in murine splenocytes.

The primary structure of the major pepsinogen from the gastric mucosa of tuna stomach.

The use of a new viability assay to determine the susceptibility of *Cryptosporidium* and *Eimeria* sporozoites to respiratory inhibitors and extremes of pH.

Enumeration of human colonic bacteria producing phenolic and indolic compounds: effects of pH, carbohydrate availability and retention time on dissimilatory aromatic amino acid metabolism.

Aryl-hydrocarbon receptor-deficient mice are resistant to 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced toxicity.

Non-, mono-, and di-o-chlorobiphenyl concentrations and their toxic equivalents to 2,3,7,8-tetrachlorodibenzo[p]dioxin in Aroclors(R) and digestive glands from American lobster (*Homarus americanus*) captured in Atlantic Canada.

Epithelium-linked smooth muscle hyperresponsiveness in ferret tracheae exposed to acrolein.

Application of a biologically-based RFD estimation method to tetrachlorodibenzo-p-dioxin (TCDD) mediated immune suppression and enzyme induction.

Pharmacological study of atypical beta-adrenoceptors in rat esophageal smooth muscle.

Rapid cytotoxicity of human B lymphocytes induced by VH4-34 (VH4.21) gene-encoded monoclonal antibodies.

The capability of rat colon tissue slices to metabolize the cooked-food carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine.

Comparison of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) disposition following pulmonary, oral, dermal, and parenteral exposures to rats.

Diallyl disulfide induces apoptosis of human colon tumor cells.

Induction of CYP1A1 and ALDH-3 in lymphoid tissues from Fisher 344 rats exposed to 2,3,7,8-tetrachlorodibenzodioxin (TCDD).

Methyl bromide intoxication during grain store fumigation.

Expression of 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible cytochrome P4501A1 in human splenic lymphocyte cultures.

Calcium absorption in rats with distal intestinal resection: influence of type of dietary fat, cholecalciferol and nature of the adaptative response.

Intratracheally administered liposomal alpha-tocopherol protects the lung against long-term toxic effects of paraquat.

Subacute toxicity of urea herbicide, isoproturon, in male rats.

Acrolein-induced smooth muscle hyperresponsiveness and eicosanoid release in excised ferret tracheae.

Changes in primary and secondary lymphoid organ T-cell subpopulations resulting from acute in vivo exposure to propanil.

The role of free radicals in paraquat-induced corneal lesions.

Chelation of organoarsenate with dimercaptosuccinic acid.

Toxicity of cotoran (fluometuron) in Desert sheep.

The effects of subchronic chlorate exposure in Sprague-Dawley rats.

A 2,4-dichlorophenoxyacetic acid induced fatality.

Survival in a case of massive paraquat ingestion.

Liposomal alpha-tocopherol alleviates the progression of paraquat-induced lung damage.

Acute-phase reactant proteins and antioxidants in rats intoxicated chronically with paraquat.

Pentachlorophenol accumulation in the freshwater mussels *Anodonta anatina* and *Pseudanodonta complanata*, and some physiological consequences of laboratory maintenance.

Diquat increases cysteine proteinase inhibitors greatly in rat plasma and tissues.

Species-specific antagonism of Ah receptor action by 2,2',5,5'-tetrachloro- and 2,2',3,3',4,4'-hexachlorobiphenyl.

Immunotoxic effects of exposure of rats to xenobiotics via maternal lactation. Part I 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Isolation of leukocytes infiltrating the islets of Langerhans of diabetes-prone mice for flow cytometric analysis.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on anti-CD3-induced changes in T-cell subsets and cytokine production.

Quantitative analysis of collagen and collagen subtypes I, III, and V in human pancreatic cancer, tumor-associated chronic pancreatitis, and alcoholic chronic pancreatitis.

Preferential requirement for protein tyrosine phosphatase activity in the 12-O-tetradecanoylphorbol-13-acetate-induced differentiation of human colon cancer cells.

Intestinal rotation in experimental congenital diaphragmatic hernia.

Dietary exposure of mink to carp from Saginaw Bay, Michigan: 2. Hematology and liver pathology.

Serum erythropoietin levels in patients with severe anemia secondary to inflammatory bowel disease and the use of recombinant human erythropoietin in patients with anemia refractory to treatment.

Iron overdose and detection of gastrointestinal bleeding with the hemocult and gastrocult assays.

Alterations in splenocyte protein kinase C (PKC) activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin in vivo.

Radiosyntheses of labeled beta-pseudothymidine ([C-11]- and [H-3]methyl) and its biodistribution and metabolism in normal and tumored mice.

Immune system impairment and hepatic fibrosis in mice lacking the dioxin-binding Ah receptor.

[The use of tardyferon in the combined treatment of patients with chronic atrophic gastritis and peptic ulcer complicated by hemorrhage].

Identity and pathogenesis of stomach tumors in Sprague-Dawley rats associated with the dietary administration of butachlor.

A study of the mechanism of butachlor-associated gastric neoplasms in Sprague-Dawley rats.

Presentation of cartilage proteoglycan to a T cell hybridoma derived from a mouse with proteoglycan-induced arthritis.

Synthesis, topoisomerase I inhibitory activity, and in vivo evaluation of 11-azacampthecin analogs.

Acinar cell respiration in experimental acute pancreatitis.

Onco-fetal/laminin-binding collagen from colon carcinoma: detection of new sequences.

Host resistance to *Trichinella spiralis* infection in rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Effect of epidermal growth factor on cadherin-mediated adhesion in a human oesophageal cancer cell line.

Effect of supplementation with an iron-fortified milk on incidence of diarrhea and respiratory infection in urban-resident infants.

A new gastric ulcer model in rats produced by ferrous iron and ascorbic acid injection.

Induction of preneoplastic lesions by sodium arsenite in human fetal respiratory epithelia in organ culture.

Colonic protein fermentation and promotion of colon carcinogenesis by thermolyzed casein.

Lung retention and bioavailability of arsenic after single intratracheal administration of sodium arsenite, sodium arsenate, fly ash and copper smelter dust in the hamster.

An attempt to explain interindividual variability in 24-h urinary excretion of inorganic arsenic metabolites by C57 BL/6J mice.

Use of Mishell-Dutton culture for the detection of the immunosuppressive effect of iron-containing compounds.

Inhibition of tumor necrosis factor activity fails to restore 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced suppression of the antibody response to sheep red blood cells.

Comparative assessment of metabolic enzyme levels in macrophage populations of the F344 rat.

A comparison of the effects of SCA40, NS 004 and NS 1619 on large conductance Ca(2+)-activated K⁺ channels in bovine tracheal smooth muscle cells in culture.

Immunosuppressive activity of polychlorinated biphenyl mixtures and congeners: nonadditive (antagonistic) interactions.

Application of high-performance liquid chromatography to a fatality involving azide.

A novel type of cell death of lymphocytes induced by a monoclonal antibody without participation of complement.

Halogenated aromatic hydrocarbon-induced suppression of the plaque-forming cell response in B6C3F1 splenocytes cultured with allogenic mouse serum: Ah receptor structure activity relationships.

Proportionate mortality study of Vietnam-era veterans of Michigan.

Phenotypic analysis of spleen, thymus, and peripheral blood cells in aged C57B1/6 mice following long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Suppression of cytotoxic T lymphocyte activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin occurs in vivo, but not in vitro, and is independent of corticosterone elevation.

Regulation of interleukin-8 production in a human colon epithelial cell line (HT-29).

Expression of xenobiotic-metabolizing enzymes in cultured rat tracheal epithelial cells.

Synthesis, Structure of Nitrogen-Containing Phosphinogold(I) Ferrocenes. In vitro Activity against Bladder and Colon Carcinoma Cell Lines.

Comparison of the toxicity of cinnamaldehyde when administered by microencapsulation in feed or by corn oil gavage.

Sclerodermatous syndrome after occupational exposure to herbicides--response to systemic steroids.

Survival of paraquat intoxication complicated with mediastinal emphysema: a case report.

Acute 2,4-dichlorophenoxyacetic acid intoxication in cattle.

The use of human lung slices in toxicology.

Cinnamaldehyde-induced micronuclei in rodent liver.

Identification and dynamics of paraquat in the bone marrow, thymus and spleen in rats using immunohistochemical techniques.

Selective myelotoxicity of propanil.

Assessment of lipid peroxidation associated with lung damage induced by oxidative stress. In vivo and in vitro studies.

Methemoglobinemia following ingestion of a monolinuron/paraquat herbicide (Gramonol).

Free radicals in the pathophysiology of pulmonary injury and disease.

Concomitant increases in galectin-1 and its glycoconjugate ligands (carcinoembryonic antigen, lamp-1, and lamp-2) in cultured human colon carcinoma cells by sodium butyrate.

Effect of arsenic exposure on alveolar macrophage function. I. Effect of soluble as(III) and as(V).

[Mechanisms for cell damage in acute pancreatitis using isolated acinar cells].

Etiological aspects of congenital diaphragmatic hernia: results of a case comparison study.

Time course of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced thymic atrophy in the Wistar rat.

Dentate gyrus and olfactory bulb responses to olfactory and noxious stimulation in urethane anaesthetized rats.

Morbidity follow up study of BASF employees exposed to 2,3,7, 8-tetrachlorodibenzo-p-dioxin (TCDD) after a 1953 chemical reactor incident.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on pulmonary influenza virus titer and natural killer (NK) activity in rats.

Evaluation of lung function changes before and after surfactant application during artificial ventilation in newborn rats with congenital diaphragmatic hernia.

Bioavailability of iron from oral ferric polymaltose in humans.

Coxsackievirus B3 infection alters the uptake of 2,3,7,8-tetrachlorodibenzo-p-dioxin into various tissues of the mouse.

Action of dietary trypsin, pressed coffee oil, silymarin and iron salt on 1,2-dimethylhydrazine tumorigenesis by gavage.

Photoaffinity labeling of the Ah receptor with 3-[3H]methylcholanthrene and formation of a 165-kDa complex between the ligand-binding subunit and a novel cytosolic protein.

Monitoring biological effects of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in great blue heron chicks (*Ardea herodias*) in British Columbia.

Side effects of iron supplements in blood donors: superior tolerance of heme iron.

TCDD-induced hypophagia is not explained by nausea.

The rice culture filtrate of *Bacillus cereus* isolated from emetic-type food poisoning causes mitochondrial swelling in a HEp-2 cell.

NTP Toxicology and Carcinogenesis Studies of 4,4'-Thiobis(6-*t*-butyl-*m*-cresol) (CAS No. 96-69-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Ah receptor in different tissues of C57BL/6J and DBA/2J mice: use of competitive polymerase chain reaction to measure Ah-receptor mRNA expression.

Induction in vitro of 72-kD heat shock protein in a continuous culture of rat thyroid cells, FRTL5.

Comparative mutagenicity of chemicals selected for test in the International Program on Chemical Safety's collaborative study on plant systems for the detection of environmental mutagens.

Model of bicarbonate secretion by resting frog stomach fundus mucosa. I. Transepithelial measurements.

Effects of induction and age-dependent enzyme expression on lung bioavailability, metabolism, and DNA binding of urban air particulate-absorbed benzo[a]pyrene, 2-nitrofluorene, and 3-amino-1,4-dimethyl-5H-pyridol-(4,3)-indole.

Tissue specific expression of the rat Ah-receptor and ARNT mRNAs.

Mechanism of cholinergic stimulation of glucose oxidation in isolated gastric glands.

Effect of glutathione depletion and inhibition of glucuronidation and sulfation on 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) metabolism, PhIP-DNA adduct formation and unscheduled DNA synthesis in primary rat hepatocytes.

Demonstration of an ectoATP-diphosphohydrolase (E.C.3.6.1.5.) in non-vascular smooth muscles of the bovine trachea.

Evidence for histamine uptake by murine hematopoietic progenitors.

Antioxidant properties of guinea pig tracheal epithelial cells in vitro.

Serum modulation of the effects of TCDD on the in vitro antibody response and on enzyme induction in primary hepatocytes.

NTP Toxicology and Carcinogenesis Studies of o-Benzyl-p-Chlorophenol (CAS No. 120-32-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Effect of in vitro exposure to acrolein on carbachol responses in rat trachealis muscle.

Biochemical and toxicological studies on the mixtures of three commonly-used herbicides in mice.

Cytotoxic effect of atrazine on murine B-lymphocytes in vitro.

Production of monoclonal antibodies against diquat and its enzyme-linked immunosorbent assay.

Haemotoxic effect of phenylurea herbicides in rats: role of haemoglobin-adduct formation in splenic toxicity.

Acrolein increases airway sensitivity to substance P and decreases NEP activity in guinea pigs.

[Intoxications by a weedkiller preparation containing glyphosate].

Protection of a rat tracheal epithelial cell line from paraquat toxicity by inhibition of glucose-6-phosphate dehydrogenase.

Cell proliferation in the respiratory tract of the rat after acute inhalation of formaldehyde or acrolein.

Developmental toxicity of acrolein in New Zealand white rabbits.

Community exposure to a paraquat drift.

Immunohistochemical localization and dynamics of paraquat in the stomach and esophagus of rats.

Protective role for neuropeptides in acute pulmonary response to acrolein in guinea pigs.

[N-demethylation and denitrosation activity of the rat liver, thymus lymphocytes and spleen after exposure to simazine and sodium nitrite].

Imaging of activated natural killer cells in mice by positron emission tomography: preferential uptake in tumors.

70 kDa heat shock cognate protein is a transformation-associated antigen and a possible target for the host's anti-tumor immunity.

Adenocarcinoma production in rats administered 1,2-dimethylhydrazine and fed iron salt and guar gum diets.

Tumor cell heme uptake induces ferritin synthesis resulting in altered oxidant sensitivity: possible role in chemotherapy efficacy.

Subchronic toxicity of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

Gastric vagus mediates immobilization-induced hypocalcemia in rats.

[Preoperative collection of autologous blood with recombinant human erythropoietin therapy].

Carcinoembryonic antigen mediates in vitro cell aggregation induced by interferon-gamma in a human colon cancer cell line: requirement for active metabolism and intact cytoskeleton.

A new form of tumor and fetal collagen that binds laminin.

Iron status and growth of rats fed different dietary iron sources.

NAD(P)H:quinone oxidoreductase1 (DT-diaphorase) expression in normal and tumor tissues.

Effects of substrate and inhibition of oxidative metabolism on contraction and myosin phosphorylation in ASM.

Tumors produced in rats with a single dosage of 1,2-dimethylhydrazine.

Chronic iron intake and diarrhoeal disease in infants. A field study in a less-developed country.

Gamma interferon cooperates with lipopolysaccharide to activate mouse splenic macrophages to an antihistoplasma state.

Effect of a single lethal dose of TCDD on the levels of monoamines, their metabolites and tryptophan in discrete brain nuclei and peripheral tissues of Long-Evans rats.

Iron protein succinylate in the treatment of iron deficiency: controlled, double-blind, multicenter clinical trial on over 1,000 patients.

Effects of restricted feeding on the absorption, metabolism, and accumulation of pentachlorobenzene in rats.

Teratogenicity and immunotoxicity of 3,3',4,4',5-pentachlorobiphenyl in C57BL/6 mice.

Mechanisms of carcinogenicity of methyl halides.

Tissue distribution and toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats after intravenous injection.

Ifosfamide. Patient care management.

Apoptosis in splenic B lymphocytes. Regulation by protein kinase C and IL-4.

Direct effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on human tonsillar lymphocytes.

Measurement of the epithelial barrier integrity in tracheal cell cultures exposed to irritant compounds.

Inhibition of protein tyrosine kinase activity by herbimycin A prevents anti-mu but not LPS-mediated cell cycle progression and differentiation of splenic B lymphocytes.

Light microscopic catalase histochemistry in mussel digestive gland tissue.

Human non-secretory ribonucleases. I. Purification, peptide mapping and lectin blotting analysis of the kidney, liver and spleen enzymes.

NTP Toxicology and Carcinogenesis Studies of Pentachloroanisole (CAS No. 1825-21-4) in F344 Rats and B6C3F1 Mice (Feed Studies).

Acute inflammatory response to sheep red blood cell challenge in mice treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): phenotypic and functional analysis of peritoneal exudate cells.

Propachlor-S-cysteine: a major circulating metabolite in the calf, pig and rat after administration of propachlor.

Gastrointestinal effects of single and repeated doses of ferrous sulphate in rats.

Intestinal solubility and absorption of ferrous iron in growing rats are affected by different dietary pectins.

Protective effect of liposome-associated alpha-tocopherol against paraquat-induced acute lung toxicity.

One-year toxicity of orally administered acrolein to the beagle dog.

Nitrofen-induced diaphragmatic hernias in rats: pulmonary antioxidant enzyme activities.

Reproductive study of acrolein on two generations of rats.

Tracheal epithelium in culture: a model for toxicity testing of inhaled molecules.

Limited immunotoxic potential of technical formulation of the herbicide atrazine (AAtrex) in mice.

Comparison of the immunotoxicity of propanil and its metabolite, 3,4-dichloroaniline, in C57Bl/6 mice.

Cytogenetic studies of herbicide interactions in vitro and in vivo using atrazine and linuron.

Upper gastrointestinal injury caused by diquat.

Subacute toxicity of paraquat in beagle dogs: clinicopathology and pathologic examinations.

Mechanisms of aldehyde-induced bronchial reactivity: role of airway epithelium.

Lung injury induced by paraquat, hyperoxia and cobalt chloride: effects of ambroxol.

Fatal paraquat poisoning: a light microscopic study in eight autopsy cases.

[Rainbow trout and zebrafish, two models for continuous toxicity tests: relative sensitivity, species and organ specificity in cytopathologic reaction of liver and intestines to atrazine].

Efficacy of whole bowel irrigation using solutions with or without adsorbent in the removal of paraquat in dogs.

Enhancement of cytotoxic T lymphocyte growth from spleens of P815-tumor-bearing host mice with mafosfamide.

Regulation of cytochrome P450IA1 gene expression in a human intestinal cell line, Caco-2.

Quercetin, an inhibitor of heat shock protein synthesis, inhibits the acquisition of thermotolerance in a human colon carcinoma cell line.

Mucosal reactive oxygen metabolite production in duodenal ulcer disease.

A case of ulcerative colitis induced by oral ferrous sulfate.

Chemiluminescence assay of mucosal reactive oxygen metabolites in inflammatory bowel disease.

Large hiatal hernias, anemia, and linear gastric erosion: studies of etiology and medical therapy.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on blood and spleen natural killer (NK) cell activity in the mouse.

Integration of the human lymphocyte into immunotoxicological investigations.

Cancer risk among Danish and Italian farmers.

Toxicity of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats after single oral administration.

Tardyferon therapy in hyposiderosis of infancy and childhood.

Influence of ethanol on survival of acinar cells isolated from rat pancreas.

[Experimental congenital diaphragmatic hernia with pulmonary hypoplasia in a rat model].

Reconciling old and new findings on dioxin.

The heat shock response: potential to screen teratogens.

Amyloid enhancing factor activity is associated with ubiquitin.

Microbial transformation of deoxynivalenol (vomitoxin).

Environmental monitoring in Lithuania. Environmental distress signals: gastrointestinal epithelial barrier after exposure to chemical agents.

Surgical and pharmacological dissociation of cardiovascular and emetic responses to intragastric CuSO₄.

Mammalian thymidine kinase 2. Direct photoaffinity labeling with [32P]dTTP of the enzyme from spleen, liver, heart and brain.

[Detection of an inhibition of benzo(a)pyrene and sodium azide induced mutagenesis by extracts from human feces].

Influence of metabolic inhibitors on the degradation of tight junctions in HT29 cells.

Distribution of 2,3,7,8-tetrachlorodibenzo-p-dioxin in splenic tissue of C57BL/6J mice.

Purification and localization of brain-type creatine kinase in sodium chloride transporting epithelia of the spiny dogfish, *Squalus acanthias*.

NTP Toxicology and Carcinogenesis Studies of Monochloroacetic Acid (CAS No. 79-11-8) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Tissue distribution of monochloroacetic acid and its binding to albumin in rats.

Cellular sequence of tracheal repair in sheep after smoke inhalation injury.

Analysis of DNA strand breaks induced in rodent liver *in vivo*, hepatocytes in primary culture, and a human cell line by chlorinated acetic acids and chlorinated acetaldehydes.

[Production of monoclonal antibody against diquat and its application for forensic medicine].

Marijuana and tobacco smoke gas-phase cytotoxins.

Toxicology and carcinogenesis studies of two grades of pentachlorophenol in B6C3F1 mice.

Developmental toxicity of bromoxynil in mice and rats.

Human health effects: what the data indicate.

Oral and pulmonary toxicology of the surfactant used in roundup herbicide.

Use and mechanism of action of AS101 in protecting bone marrow colony forming units-granulocyte-macrophage following purging with ASTA-Z 7557.

Increase in metallothionein produced by chemicals that induce oxidative stress.

Metabolism of glyphosate in Sprague-Dawley rats: tissue distribution, identification, and quantitation of glyphosate-derived materials following a single oral dose.

Gastrointestinal absorption of paraquat in the isolated mucosa of the rat.

Effect of pentachlorophenol on the activation of 2,6-dinitrotoluene to genotoxic urinary metabolites in CD-1 mice: a comparison of GI enzyme activities and urine mutagenicity.

Pyostomatitis vegetans: oral manifestation of ulcerative colitis.

Effect of herbimycin A on growth and pp60c-src activity in human colon tumor cell lines.

Aromatic hydrocarbon responsiveness-receptor agonists generated from indole-3-carbinol in vitro and in vivo: comparisons with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Specific adhesion of carcinoembryonic antigen-bearing colorectal cancer cells to immobilized carcinoembryonic antigen.

Detection and characterization of the Ah receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in the human colon adenocarcinoma cell line LS180.

Tolerability of iron: a comparison of bis-glycino iron II and ferrous sulfate.

Influence of anoxia, reoxygenation, and uncoupling on survival, respiration, and trypsin-inhibiting capacity of isolated pancreatic acinar cells.

Use of whole bowel irrigation in an infant following iron overdose.

[Reports on medico-legal data from the massive-investigation performed by the Medico-Legal Society of Japan--a statistical study of death by poisoning. Investigation Committee of the Medico-Legal Society of Japan].

[Intestinal obstruction caused by non-absorbable tablets and Budd-Chiari syndrome in a patient with Crohn's disease].

Ninety-day toxicity study of sodium monochloroacetate in Sprague-Dawley rats.

Pharmacokinetics of quinolones: newer aspects.

Dioxin contamination and growth and development in great blue heron embryos.

Transfusion of type-A and type-B blood to cats.

Cancer mortality in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Influence of extracellular pH on the accumulation and cytotoxicity of N-(4-methylphenylsulfonyl)-N'-(4-chlorophenyl)urea in human cell lines.

Mass poisoning by sodium arsenite.

The tissue distribution of 2,3,7,8-chlorine substituted dibenzo-p-dioxins in humans who died of cancer.

Chronic inhalation toxicity and carcinogenicity study of methyl bromide in Wistar rats.

[Massive hemoptysis ten days after bronchial extraction of an accidentally inhaled tablet of ferrous sulfate].

Influence of aprotinin and promazine on survival of isolated pancreatic acinar cells.

Investigation on the dosage/efficacy relationship of iron dextran in veal calves.

Response of the antral mucosa of the rat stomach to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

NTP technical report on the toxicity studies of Cresols (CAS Nos. 95-48-7, 108-39-4, 106-44-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Evidence for regulatory control of iron uptake from ferric maltol across the small intestine of the rat.

Primary cultures of tracheal epithelial cells for the evaluation of respiratory toxicity.

Cell-type-specific recognition of allogeneic cells by alloreactive cytotoxic T cells: a consequence of peptide-dependent allorecognition.

Ten- and ninety-day toxicity studies of 1,2-dichlorobenzene administered by oral gavage to Sprague-Dawley rats.

Effect of iron succinyl-protein complexes on gastrointestinal motility in the fasting dog.

Differentiation by hydroquinone of relaxations induced by exogenous and endogenous nitrates in non-vascular smooth muscle: role of superoxide anions.

Mitochondrial 3- β -hydroxyacyl-CoA isomerase. Purification, cloning, expression, and mitochondrial import of the key enzyme of unsaturated fatty acid beta-oxidation.

Formation of DNA adducts in F-344 rats after oral administration or inhalation of [14 C]methyl bromide.

Evidence for arsenic as the immunosuppressive component of gallium arsenide.

Effects of chlordane on parameters of liver and muscle toxicity in man and experimental animals.

Halogenated aryl hydrocarbon-induced suppression of the in vitro plaque-forming cell response to sheep red blood cells is not dependent on the Ah receptor.

Monoclonal anti-VH141 antibodies that specifically recognize the heavy chain variable region of, and are closely related to, MOPC141 myeloma protein whose VH gene belongs to VHQ52 family.

IgG response is impaired in H2-c-fos transgenic mice.

Association between exposure to a stenching agent in a herbicide packing plant and the occurrence of headache and lethargy.

Lichen planus-like eruption with esophageal involvement as a result of cyanamide.

[Exposure to agricultural chemicals and oncogenic risk].

Paraquat poisoning. An overview of the current status.

Toxicokinetics of monochloroacetic acid: a whole-body autoradiography study.

[The effect of chronic butyphos poisoning on protein and nucleic acid synthesis in various rat organs and activity of blood cholinesterase].

Acrolein depletes the neuropeptides CGRP and substance P in sensory nerves in rat respiratory tract.

Paraquat pharmacokinetics using a subcutaneous toxic low dose in the rat.

An unusual case of fatal accidental paraquat poisoning.

[Distribution and elimination of C-14-2,4-dichlorophenoxyacetic acid (2,4 D) in rat tissues in acute poisoning].

Inhibition of lung damage caused by paraquat with lymphokines or cytokines.

Determination of diquat in biological materials by electron spin resonance spectroscopy.

[Biochemical changes in the brain tissue of white rats exposed to the herbicide acetochlor under acute and subacute oral experimental conditions].

Possible role of acetaldehyde in ethanol-related rectal cocarcinogenesis in the rat.

Alterations of arachidonate metabolism in cardiovascular system by cigarette smoking.

Mechanisms of in vitro immunosuppression by hepatocyte-generated cyclophosphamide metabolites and 4-hydroperoxycyclophosphamide.

Intestinal absorption of cationic and anionic ferric colloids and complexes: biochemical, histochemical and morphological observations in rats.

Hypergastrinemia is associated with decreased gastric acid secretion in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

[Experimental study of combined effects of benzo(a)pyrene and ortho-cresol on the body].

Hydrogen peroxide-induced alterations in prostaglandin secretion in the rat colon in vitro.

Towards a more effective management of pregnancy related anaemias in Africa.

Human body burden of polychlorinated dibenzofurans associated with toxicity based on the yusho and yucheng incidents.

End-tidal CO₂, CO₂ production, and O₂ consumption as early indicators of approaching hyperthermia.

Regulation of polyamine biosynthesis by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Two modes of idiotypic stimulation of T lymphocytes from patients with Chagas' disease: correlations with clinical forms of infection.

[Excretion of phenol and p-cresol in the urine in fasting obese individuals and in persons treated with total enteral nutrition].

Neutral and acidic human tracheobronchial mucin. Isolation and characterization of core protein.

Differential toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C57BL/6J mice congenic at the Ah Locus.

[Evolution of autotransfusion: effect of a diet with and without the ingestion of iron].

Pulmonary diffusing capacities for nitric oxide and carbon monoxide determined by rebreathing in dogs.

Influence of dissolution rate and pH of oral medications on drug-induced esophageal injury.

Gastric delivery system for iron supplementation.

Isoproterenol-induced maximal heart rate in normothermic and hyperthermic horses.

Decreased survival rate of pancreatic acinar cells isolated from rats with acute pancreatitis.

Immunogenicity of collagenous implants.

Studies on the cellular pharmacology of N-(4-methylphenylsulfonyl)-N'-(4-chlorophenyl)-urea.

Role of the Ah locus in suppression of cytotoxic T lymphocyte activity by halogenated aromatic hydrocarbons (PCBs and TCDD): structure-activity relationships and effects in C57Bl/6 mice congenic at the Ah locus.

Studies on specific serological antigens in metacercariae and juveniles of *Paragonimus westermani* and its monoclonal antibodies.

[Acute myelomonocytic leukemia with mastocytosis in bone marrow].

Relative toxicity and tumor-promoting ability of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), 2,3,4,7,8-pentachlorodibenzofuran (PCDF), and 1,2,3,4,7,8-hexachlorodibenzofuran (HCDF) in hairless mice.

Evidence for mitochondrial localization of N-(4-methylphenylsulfonyl)-N'-(4-chlorophenyl)urea in human colon adenocarcinoma cells.

Airway opioid receptors mediate inhibition of cough and reflex bronchoconstriction in guinea pigs.

Neurogenic inflammation, vascular permeability, and mast cells. Capsaicin desensitization fails to influence IgE-anti-DNP induced vascular permeability in rat airways.

Changes in the composition and metabolism of arterial collagens during the development of pulmonary hypertension in rabbits.

Structural determinants of phenoxazine type compounds required to modulate the accumulation of vinblastine and vincristine in multidrug-resistant cell lines.

Death following accidental sodium azide ingestion.

Hypoxia and deposition of iron in liver and spleen of mice given iron supplement.

Mortality and morbidity among Army Chemical Corps Vietnam veterans: a preliminary report.

Epidemiologic studies of cancer in agricultural workers.

Role of hypergastrinemia in the antiatropy effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on oxyntic gland mucosa of the rat stomach.

Comparison of anti-anaemic effects of iron protein succinylate (ITF 282) and ferrous sulfate in the rat.

Absorption, distribution, excretion and metabolism of a single oral dose of [¹⁴C]tri-o-cresyl phosphate (TOCP) in the male rat.

Cloning of the H,K-ATPase beta subunit. Tissue-specific expression, chromosomal assignment, and relationship to Na,K-ATPase beta subunits.

Hepatic aryl hydrocarbon hydroxylase and cytochrome P450 induction following the transpulmonary absorption of TCDD from intratracheally instilled particles.

Prothymocyte activity is reduced by perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Drug-induced esophageal injury. Histopathological study in a rabbit model.

Guanylate cyclase in olfactory cilia from rat and pig.

2-Nitrofluorene metabolism in the rat lung. Pharmacokinetic and metabolic effects of beta-naphthoflavone treatment.

Flow cytometric analysis of lymphocyte subpopulations in the spleen and thymus of mice exposed to an acute immunosuppressive dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Oxygen uptake and mean blood pressure as indicators of induced hyperthermia.

End-tidal carbon dioxide concentration, carbon dioxide production, heart rate, and blood pressure as indicators of induced hyperthermia.

Glutathione enhancement in various mouse organs and protection by glutathione isopropyl ester against liver injury.

Generation and characterization of peptide-specific, MHC-restricted cytotoxic T lymphocyte (CTL) and helper T cell lines from unprimed T cells under microculture conditions.

Sequence analysis, tissue distribution and regulation by cell depolarization, and second messengers of bovine secretogranin II (chromogranin C) mRNA.

Influence of antibiotics on intestinal tract survival and translocation of environmental *Pseudomonas* species.

Acetobacter cellulose pellicle as a temporary skin substitute.

2,3,7,8-Tetrachlorodibenzo-p-dioxin pretreatment of female mice altered tissue distribution but not hepatic metabolism of a subsequent dose.

NTP Toxicology and Carcinogenesis Studies of Iodinated Glycerol (Organidin(R)) (CAS No. 5634-39-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Impairment of prothymocyte activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Respiratory tract epithelium in primary culture: Effects of ciliotoxic compounds.

Differences in time course of hepatocyte and pancreocyte damage after incubation with trypsin, chymotrypsin and 2,4-dinitrophenol.

Disposition, elimination, and metabolism of tri-o-cresyl phosphate following daily oral administration in Fischer 344 male rats.

Acute health effects of community exposure to cotton defoliants.

Quantitative evaluation of chlortoluran-induced splenic hemosiderosis by means of an image analyzer.

[Pathomorphologic and hematologic studies of the immunotoxicity of the phenoxyalkane acid mecoprop in rats].

Effect of acute propanil exposure on the immune response of C57Bl/6 mice.

Rat urinary bladder epithelial lesions induced by acrolein.

Effects of paternal subacute exposure to Tordon 202c on fetal growth and development in CD-1 mice.

Determination of paraquat in raw and formalin-fixed tissues by electron spin resonance (ESR) spectroscopy.

Cyanamide and its calcium form: do they differ with respect to their action on the liver cell? Experimental study in the rat.

[The reaction of the endocrine cells of the gastrointestinal tract in response to exposure to 3,6-dichloropicolinic acid].

Detection of free radicals as a consequence of dog tracheal epithelial cellular xenobiotic metabolism.

The adrenocorticotrophic hormone (ACTH)-induced reversal of hemorrhagic shock.

[Noncirrhotic liver fibrosis after chronic arsenic poisoning].

Evaluation of the carcinogenic potential of pesticides. 1. Acifluorfen.

Mechanism of transport and intracellular binding of porfiromycin in HCT 116 human colon carcinoma cells.

Cottonseed meal (gossypol) toxicosis in a swine herd.

Regional hemodynamic responses to hypoxia and hypermetabolism in polycythemic dogs.

Subunit structure of the erythropoietin receptor.

2,3,7,8-Tetrachlorodibenzo-p-dioxin enhancement of N-methyl-N'-nitro-N-nitrosoguanidine-induced transformation of rat tracheal epithelial cells in culture.

Effects of trypsin, chymotrypsin, and uncoupling on survival of isolated acinar cells from rat pancreas.

[Histologic evaluation of gastric tolerability in rats of ferritin compared with ferrous sulfate].

Mast cell chymase. A potent secretagogue for airway gland serous cells.

In vivo susceptibility of *Campylobacter pylori*.

Immunotoxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in a complex environmental mixture from the Love Canal.

Hematotoxic effects in the rat of a toluene dinitro derivative after short-term exposure.

Update of mortality among chemical workers with potential exposure to the higher chlorinated dioxins.

Development and validation of a cellular transplant model for leukemia in Fischer rats: a short-term assay for potential anti-leukemic chemicals.

The effect of iron therapy on malarial infection in Papua New Guinean schoolchildren.

The role of mucus sol phase in clearance by simulated cough.

A pharmacological approach to cellular mechanisms of PGI₂-induced gastric cytoprotection on ethanol-induced gastric mucosal damage in rats.

Differential [³²P]-labeling of chemically induced stress proteins in S-phase mouse lymphoma cells.

Presence of multiple species of polypeptides immunologically related to transcription factor TFIIIA in adult *Xenopus* tissues.

Homology between the cDNAs encoding phosphoprotein p19 and SCG10 reveals a novel mammalian gene family preferentially expressed in developing brain.

Stimulation of in vivo hepatic uptake and in vitro hepatic binding of [¹²⁵I]2-Iodo-3,7,8-trichlorodibenzo-p-dioxin by the administration of agonist for the Ah receptor.

Comparative studies on the primary structure of human cystatin as from epidermis, liver, spleen, and leukocytes.

Ouabain-sensitive H⁺-K⁺ exchange mechanism in the apical membrane of guinea pig colon.

Management of acute iron overdose.

NTP Toxicology and Carcinogenesis Studies of Two Pentachlorophenol Technical-Grade Mixtures (CAS No. 87-86-5) in B6C3F1 Mice (Feed Studies).

[Enhanced inhibition of splenic lymphocyte proliferation by 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57B1/10 (Ah+Ah+) mice compared to DBA/2 (AhAh) mice].

Effect of splenectomy on heparin treatment in allyl-alcohol-traumatized rat liver.

Characteristics of the gastrointestinal absorption of morphine in rats.

Anti-ulcer activity of procyanidins preparation of water-soluble procyanidin-cimetidine complexes.

Health and reproductive outcomes among American Legionnaires in relation to combat and herbicide exposure in Vietnam.

[The influence of long-term utilization of some herbicides on oral cavity tissues of white rats].

Paraquat poisoning: biological presentation.

DNA damage in stomach, kidney, liver and lung of rats treated with atrazine.

Toxicokinetics and bioavailability of paraquat in rats following different routes of administration.

Hormonal induction and antihormonal inhibition of tracheary element differentiation in *Zinnia* cell cultures.

Effect of aerosol challenge with sensitising antigen on the permeability of the surface of the rat trachea in life.

Isolation and sequence analysis of amyloid protein AA from a patient with cystic fibrosis.

The acute toxicity of 2,3,4,7,8-pentachlorodibenzofuran (4PeCDF) in the male Fischer rat.

Induction of antigen-specific IgA-forming cells in the middle ear mucosa.

Developmental toxicity evaluation of Bendectin in CD rats.

An immunotoxicological evaluation of 4,4'-thiobis-(6-t-butyl-m-cresol) in female B6C3F1 mice. 2. Humoral and cell-mediated immunity, macrophage function, and host resistance.

An immunotoxicological evaluation of 4,4'-thiobis-(6-t-butyl-m-cresol) in female B6C3F1 mice. 1. Body and organ weights, hematology, serum chemistries, bone marrow cellularity, and hepatic microsomal parameters.

[Diabetogenic tropical pancreatitis].

Toxicity and disposition of 2,3,4,7,8-pentachlorodibenzofuran (4PeCDF) in the rhesus monkey (*Macaca mulatta*).

Effect of oral iron therapy on the upper gastrointestinal tract. A prospective evaluation.

Body iron stores in patients subjected to surgery of the large bowel.

Mortality among California highway workers.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in yellow perch (*Perca flavescens*).

Morphologic lesions and acute toxicity in rainbow trout (*Salmo gairdneri*) treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Oral and dermal toxicity of MSMA to New Zealand white rabbits, *Oryctolagus cuniculus*.

In vitro (organ culture) studies of the toxicity of specific A-gliadin peptides in celiac disease.

Forestomach carcinogens: pathology and relevance to man.

NTP Toxicology and Carcinogenesis Studies of C.I. Acid Orange 3 (CAS No. 6373-74-6) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

K-cell-mediated cytotoxicity induced with rat monoclonal antibodies. I. Antibodies of various isotypes differ in their ability to induce cytotoxicity mediated by rat and human effectors.

Protective murine monoclonal antibodies to tetanus toxin.

Ifosfamide and mesna: marginally active in patients with advanced carcinoma of the pancreas.

Down-modulation of high-affinity receptors for erythropoietin on murine erythroblasts by interleukin 3.

New aspects in the study of the mechanism of intestinal absorption of thiamine in rats.

Transfer of functional immunoglobulin G (IgG) antibody into the gastrointestinal tract accounts for IgG clearance in calves.

Immunological characterization of thioltransferase from pig liver.

Partial characterization of specific cantharidin binding sites in mouse tissues.

Nuclear aberrations and micronuclei induction in the digestive tract of mice treated with different iron salts.

Lymphocyte activation and capping of hormone receptors.

Induction of cytotoxic T lymphocytes by primary in vitro stimulation with peptides.

Suppression of splenic lymphocyte function by 7,12-dimethylbenz[a]anthracene (DMBA) in vitro.

A phospholipase A2 in the supernatant fraction of rat spleen. Its similarity to rat pancreatic phospholipase A2.

Elevation of acetylpolyamine levels in mouse tissues, serum and urine after treatment with radical-producing drugs and lipopolysaccharide.

Localization of high benzaldehyde dehydrogenase activity in rat upper gastrointestinal tract mucosa: a quantitative histochemical study.

Immunohistochemical evidence for neural mediation of VIP activity in the dogfish rectal gland.

Antigenic contraction of guinea pig tracheal preparations passively sensitized with monoclonal IgE: pharmacological modulation.

The pathologic and immunologic effects of inhaled acrolein in rats.

Effect of paraquat on the oral mucosa.

Chronic carcinogenesis studies of acrolein and related compounds.

Lung fibrosis induced by diquat after intratracheal administration.

Paraquat (gramoxone) poisoning in south-west Hungary, 1977-1984. Toxicological and histopathological aspects of group intoxication cases.

Cohort mortality study of chemical workers with potential exposure to the higher chlorinated dioxins.

[Gastrectomy in a rare caustic injury].

Effects of pentachlorophenol on the in vitro and in vivo antibody response.

Treatment of paraquat poisoning in man: methods to prevent absorption.

Analysis of pentachlorophenol in water and urine by enrichment with Lipidex 5000.

Nucleic acid content and residue determination in tissues of chicks born from 2,4-dichlorophenoxyacetic butyl ester treated eggs.

Immunosuppression following exposure to 7,12-dimethylbenz[a]anthracene (DMBA) in Ah-responsive and Ah-nonresponsive mice.

Effect of excess iron in milk replacer on calf performance.

Mortality among flavour and fragrance chemical plant workers in the United States.

Adolescent colorectal cancer and dioxin exposure.

ATP requirement for induced tight junction formation in HT 29 adenocarcinoma cells.

Pulmonary interstitial fibrosis induced in hapten-immune hamsters.

Colony size, cell density and nature of the tumor promoter are critical variables in expression of a transformed phenotype (focus formation) in co-cultures of UV-TDTx and C3H10T1/2 cells.

[Hemorrhaging esophageal varices treated by Mansel solution instead of the Sengstaken-Blakemore tube].

Apparent effect of catalase on airway edema in guinea pigs. Role of endotoxin contamination.

Clinical reports on plasma exchange in the Kidney Center, Tokai University School of Medicine.

Emergency gastrotomy: treatment of choice for iron bezoar.

Han/Wistar rats are exceptionally resistant to TCDD. I.

The role of mucus viscoelasticity in cough clearance.

Potent effects of the monoclonal antibody-mitomycin C conjugate on human colon cancers.

[Dynamic aspects of mineral metabolism in dry cows, puerperants and calves].

Antineoplastic activity of azacarbazoles. II. Effect of alpha-carboline and its derivatives on transplantable animal neoplasms.

Development of resistance and characteristics of a human colon carcinoma subline resistant to mitoxantrone in vitro.

Metabolism and excretion of gallium arsenide and arsenic oxides by hamsters following intratracheal instillation.

Role of fibronectin on the clearance and tissue uptake of antigen and immune complexes in rats.

[Emotional behavior disorders in rats during the formation of a generator of pathologically enhanced excitation in the basomedial nuclei of the amygdaloid complex].

Purification and characterization of rabbit ocular mucin.

Histopathology of acute toxic responses in selected tissues from rats exposed by inhalation to methyl bromide.

Induction of sister-chromatid exchanges by pesticides in primary rat tracheal epithelial cells and Chinese hamster ovary cells.

alpha-Naphthoflavone antagonism of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced murine lymphocyte ethoxyresorufin-O-deethylase activity and immunosuppression.

The purification and characterization of glutathione S-transferase from the hepatopancreas of the blue crab, *Callinectes sapidus*.

Isolation and complete amino acid sequence of human thymopoietin and splenin.

Ultrastructural changes in the respiratory tract of rats following methyl isocyanate inhalation.

Studies on the mechanism of action of diallyl sulfide, an inhibitor of the genotoxic effects of cyclophosphamide.

The synergistic effects of concurrent administration to rats of EDTA and sodium salicylate on the rectal absorption of sodium cefoxitin and the effects of inhibitors.

Circadian alterations in prolactin, corticosterone, and thyroid hormone levels and down-regulation of prolactin receptor activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Solubility, retention, and metabolism of intratracheally and orally administered inorganic arsenic compounds in the hamster.

Combinations of mesna with cyclophosphamide or adriamycin in the treatment of mice with tumors.

Phosphorylation of human fibrinogen in vitro with protein kinase C: characterization of the phosphorylated sites.

Health effects of phenoxy herbicides. A review.

Management of acute childhood poisonings caused by selected insecticides and herbicides.

Pseudomembranous colitis in a patient of paraquat intoxication.

The effect of prenatal exposure to the n-butylester of 2,4-dichlorophenoxyacetic acid (2,4-D) on the immune response in mice.

The toxic effect of diquat on the rat lung after intratracheal administration.

Bacterial infection and acute lung injury in hamsters.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in cold-adapted rats.

Modified selective medium for isolation of *Campylobacter* spp. from feces: comparison with Preston medium, a blood-free medium, and a filtration system.

Effects of BHA and related phenols on the forestomach of rats.

Hematotoxic effects of 3,5-dinitro-4-chloro-alpha,alpha,alpha-trifluorotoluene, a water contaminant.

Methyl isocyanate subchronic vapor inhalation studies with Fischer 344 rats.

Teratologic evaluation of hexabrominated naphthalenes in C57BL/6N mice.

Synthesis, biologic and toxic effects of the major 2,3,7,8-tetrachlorodibenzo-p-dioxin metabolites in the rat.

Regression of methyl bromide-induced forestomach lesions in the rat.

Lanthanum penetration of the trachea after the immediate response of sensitized rats to aerosol antigen.

In vitro determination of intestinal amino acid (14C-L-glycine) absorption during cholera.

Immunosuppression without liver induction by subchronic exposure to 2,7-dichlorodibenzo-p-dioxin in adult female B6C3F1 mice.

A monoclonal antibody preventing binding of tissue-type plasminogen activator to fibrin: useful to monitor fibrinogen breakdown during t-PA infusion.

S-antigen-specific rat T cell lines recognize peptide fragments of S-antigen and mediate experimental autoimmune uveoretinitis and pinealitis.

Identification of ferrous sulfate toxicity in a commercial broiler flock.

Desensitization of contact allergy to DNFB in mice. III. Characteristics of immediate desensitization induced by haptenated spleen cells.

Carbonyl iron therapy for iron deficiency anemia.

The effect of sodium tetraborate and alum in the management of acute childhood diarrhoea.

Interaction of monoclonal antibodies with the IgE-receptor on rat mast cells and rat basophilic leukemia (RBL) cells.

Relationship of the wasting syndrome to lethality in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Lung neoplasms in rodents after chronic administration of dimethyl hydrogen phosphite.

Preservation of mucus in situ in rat colon.

Stimulation of cytotoxic T-lymphocyte responses by rabies virus glycoprotein and identification of an immunodominant domain.

2,3,7,8-Tetrachlorodibenzo-p-dioxin metabolism and disposition in yellow perch.

Metabolism and disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rainbow trout.

Intestinal surface acid microclimate in vitro and in vivo in the rat.

A modified method of fine-granular cationic iron colloid preparation: its use in light and electron microscopic detection of anionic sites in the rat kidney glomerulus and certain other tissues.

The increase of body iron stores estimated by the increase of serum ferritin concentration during ferrous sulphate treatment after gastrointestinal surgery.

Studies on the metabolism of the neurotoxic tri-o-cresyl phosphate. Distribution, excretion, and metabolism in male cats after a single, dermal application.

Relevance of gas and particulate phases of tobacco smoke for lung cancer formation: an experimental study in Syrian golden hamsters.

A carrier method for the assessment of the effectiveness of disinfectants against *Mycobacterium tuberculosis*.

Species comparison of drug absorption from the lung after aerosol inhalation or intratracheal injection.

Assessment of pentachlorophenol toxicity in newborn calves: clinicopathology and tissue residues.

Humoral immunotoxicity of polychlorinated diphenyl ethers, phenoxyphenols, dioxins and furans present as contaminants of technical grade pentachlorophenol.

Experimental cytotoxic cystitis and prevention by acetylcysteine.

Herbicides and colon cancer.

Sequential bilateral lung transplantation for paraquat poisoning. A case report. The Toronto Lung Transplant group.

Hemoperfusion-hemodialysis ineffective for paraquat removal in life-threatening poisoning?

Therapy of digoxin intoxication in dogs by specific hemoperfusion through agarose polyacrolein microsphere beads-antidigoxin antibodies.

The role of neutrophils in the development of cadmium chloride-induced emphysema in lathyrogen-fed hamsters.

Protective effects of trifluralin on benzo(a)pyrene-induced tumors in A/J mice.

Application of rapid freezing followed by freeze-substitution acrolein fixation for cytochemical studies of the rat stomach.

Evaluation of immune function in mice exposed to Ordram.

The primary structure of human tissue amyloid P component from a patient with primary idiopathic amyloidosis.

Gastric damage from ingested acid in children.

Polychlorinated dibenzofurans (PCDFs): correlation between in vivo and in vitro structure-activity relationships.

[Blood chemiluminescence in the diagnosis of acute inflammatory diseases of the abdominal organs].

The mortality of boot and shoe makers, with special reference to cancer.

[Isolated exocrine pancreas cells--a model for the study of the pathogenesis of experimental acute pancreatitis].

Suppressive effect of secondary *Toxoplasma gondii* infection on antibody responses in mice.

Effect of thyroidectomy and thyroxine on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immunotoxicity.

Lack of adverse side effects of oral ferrous sulfate therapy in 1-year-old infants.

Whole bowel irrigation for toxic ingestions.

Respiratory functional changes on intratracheal challenge of sensitized rats.

[Determination of free serum phenol by gas-liquid chromatography in hemosorption].

Evaluation of chemicals used for drinking water disinfection for production of chromosomal damage and sperm-head abnormalities in mice.

Further studies on the activation of glucocerebrosidase by a heat-stable factor from Gaucher spleen.

NTP Toxicology and Carcinogenesis Studies of Dimethyl Hydrogen Phosphite (CAS No. 868-85-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

NTP Toxicology and Carcinogenesis Studies of 1,2-Dichlorobenzene (o-Dichlorobenzene) (CAS No. 95-50-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Influence of high dietary iron as ferrous carbonate and ferrous sulfate on iron metabolism in young calves.

Calcium secretion in canine tracheal mucosa.

Effect of dinitrophenol and anoxia on isometric tension in rabbit colon smooth muscle.

Effects of dinitrophenol on phosphorylase a activity, adenine nucleotide levels and tension in rabbit colon smooth muscle.

Selective depression of thymus-independent anti-DNP antibody responses induced by adult but not neonatal splenectomy.

[Secretin and pancreatic secretion in iron absorption].

Characterization of Ca²⁺ transport and enzyme activity in microsomes isolated from guinea-pig stomach smooth muscle.

Marijuana. Health and treatment issues.

Human health effects of 2,4,5-T and its toxic contaminants.

The acute effects of single and repeated injections of acrolein and other aldehydes.

Acute diquat intoxication. Interest of its repeated determination in urine and the evaluation of renal proximal tubule integrity.

Antibody-dependent cytotoxicity of human and mouse mononuclear cells against *Trypanosoma cruzi* epimastigotes.

Organ and cellular distribution of inhaled metallic mercury in the rat and Marmoset monkey (*Callithrix jacchus*): influence of ethyl alcohol pretreatment.

Metabolism and excretion of orally administered dimethylarsinic acid in the hamster.

Possible role for a human adenovirus in the pathogenesis of celiac disease.

[Medical topics: chlorophenol and cancer/spiral bacteria in stomach].

Immunosuppression in weanling and adult Sprague-Dawley rats induced by acute exposure to 3,3',4,4'-tetrachloroazoxybenzene.

Studies of stools from pseudomembranous colitis, rotaviral, and other diarrheal syndromes by frequency-pulsed electron capture gas-liquid chromatography.

A monoclonal antibody to hemoglobin F.

The pharmacological profile of the thromboxane A₂ antagonist BM 13.177. A new anti-platelet and anti-thrombotic drug.

Effect of lactoferrin on the growth of a human colon adenocarcinoma cell line--comparison with transferrin.

Monoclonal antibody to murine gamma interferon inhibits lymphokine-induced antiviral and macrophage tumoricidal activities.

Methylbromide: carcinogenic effects in the rat forestomach.

Mortality of workers potentially exposed to organic and inorganic brominated chemicals, DBCP, TRIS, PBB, and DDT.

Cytofluorescence localization of adriamycin in resistant colon cancer cells.

On the absorption of divalent and trivalent iron in living rats.

Iron pharmacokinetics after administration of ferric-hydroxide-polymaltose complex in rats.

Toxicologic, pathologic, and immunotoxic effects of 2,4-dichlorophenol in rats.

Combined measurement and significance of lipid-bound sialic acid and carcinoembryonic antigen in detection of human cancer.

Biochemical activity of intestinal microflora in adult coeliac disease.

Cathepsins J and K: high molecular weight cysteine proteinases from human tissues.

Short-chain fatty acid fermentation products of plant fiber affect glucose metabolism of isolated rat hepatocytes.

A Mg²⁺-independent high-affinity Ca²⁺-stimulated adenosine triphosphatase in the plasma membrane of rat stomach smooth muscle. Subcellular distribution and inhibition by Mg²⁺.

Use of bacteria and yeasts to identify T lymphocytes in peripheral blood and lymphoid tissues of healthy guinea pigs and guinea pigs fed aflatoxin.

Respiratory tract lesions induced by sensory irritants at the RD50 concentration.

[Determination of the ecological niche of Bacteroides in the gastrointestinal tract--a study of a model of sterile intestines in germ-free animals].

Ion transport by rabbit descending colon: mechanisms of transepithelial potassium transport.

Conservation in rat liver of light and heavy subunit sequences of mammalian ferritin. Presence of unique octopeptide in the light subunit.

Gastrointestinal absorption and metabolism of capsaicin and dihydrocapsaicin in rats.

Oxalate and chloride absorption by the rabbit colon: sensitivity to metabolic and anion transport inhibitors.

Sensitivity of cAMP-stimulated salt secretion in shark rectal gland to "loop" diuretics.

Different susceptibility of mouse tissues to porphyrinogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Differential induction of two 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible forms of cytochrome P-450 in extrahepatic versus hepatic tissues.

Influence of anoxia and dinitrophenol on Ca²⁺ efflux and phosphorylase a activity in rabbit colon smooth muscle.

The in vitro metabolism by homogenates of goldfish (*Carassius auratus*) liver of pentachloro-2-(chloromethyl sulphonamido) diphenyl ether, the major component and active ingredient of the mothproofing agent Eulan WA New.

Active pyrimidine absorption by chicken colon.

Medical and morbidity surveillance findings among employees potentially exposed to TCDD.

Malathion and phenthoate carboxylesterase activities in pulmonary alveolar macrophages as indicators of lung injury.

Pentachlorophenol poisoning.

[Prognostic factors in acute paraquat poisoning. A retrospective study of cases registered by the Poison Control Center of Paris in 1981].

[Clinical findings and treatment of paraquat poisoning in childhood].

Diquat intoxication.

[Hypo-oxygenation in paraquat poisoning. Apropos of 6 cases].

[Histological picture of the internal organs of rats poisoned with 2,4-dichlorophenoxyacetic acid].

Iron overload of spleen, liver and kidney as a consequence of hemolytic anaemia.

Histochemical demonstration of enteropeptidase activity. New method with a synthetic substrate and its comparison with the trypsinogen procedure.

Epidemiological study of socioeconomic factors and clinical findings in Hodgkin's disease, and reanalysis of previous data regarding chemical exposure.

Selected cancer mortality and farm practices in Iowa.

Hypothyroxinemia and hypothermia in rats in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin administration.

Isolation and characterization of a CNBr cleavage peptide of influenza viral hemagglutinin stimulatory for mouse cytolytic T lymphocytes.

Activation of phosphorylase by anoxia and dinitrophenol in rabbit colon smooth muscle: relation to release of calcium from mitochondria.

Influence of anoxia and dinitrophenol on the phosphorylase a activity and the cyclic nucleotide content of smooth muscle.

Suppression of unprimed T and B cells in antibody responses by irradiation-resistant and plastic-adherent suppressor cells in *Toxoplasma gondii*-infected mice.

Plasma membrane-acting drugs inhibit the effect of dengue virus-induced cytotoxic factor.

Effect of vagal cooling on lung functional residual capacity in rats with pneumonia.

Levallorphan methyl iodide (SR 58002), a potent narcotic antagonist with peripheral selectivity superior to that of other quaternary compounds.

Impairment of blastogenic response of splenic lymphocytes from iron-deficient mice: in vivo repletion.

Characterization of messenger RNA specific for carcinoembryonic antigen.

[Pharmacological and clinico-pharmacological studies of a combination preparation for calves having antianemia and general tonic action].

A monoclonal antibody with ability to distinguish between NH₂-terminal fragments derived from fibrinogen and fibrin.

Nuclear magnetic resonance contrast enhancement study of the gastrointestinal tract of rats and a human volunteer using nontoxic oral iron solutions.

A technique for the isolation of submucosal gland cells from cat trachea.

Inhibitory effect of bovine serum albumin on acid deoxyribonuclease from rat small intestinal mucosa.

Death and injury caused by methyl bromide, an insecticide fumigant.

Absorption of aerosolized drugs from the rat lung.

Purification of pregnancy-specific beta 1-glycoprotein with a monoclonal antibody immunoabsorbent.

Metabolism of mercapturic acid-pathway metabolites of 2-chloro-N-isopropylacetanilide (propachlor) by gastrointestinal bacteria.

Isophosphoramidate mustard, a metabolite of ifosfamide with activity against murine tumours comparable to cyclophosphamide.

Toxicity of 3,3',4,4'- and 2,2',5,5'-tetrabromobiphenyl: correlation of activity with aryl hydrocarbon hydroxylase induction and lack of protection by antioxidants.

Characterization of pulmonary cellular influx differentials to known toxic agents between species.

[Paraquat poisoning. Prognostic and therapeutic evaluation in 28 cases].

Prognosis and treatment of paraquat poisoning: a review of 28 cases.

Immunotoxicity of technical pentachlorophenol (PCP-T): depressed humoral immune responses to T-dependent and T-independent antigen stimulation in PCP-T exposed mice.

Pentachlorophenol pancreatitis.

Efficacy of charcoal hemoperfusion in paraquat poisoning.

[Massive poisoning by paraquat with early death (19 hours). Apropos of a case with ultrastructure study].

Young Scientists Award lecture 1981: The identification of an accumulation system for diamines and polyamines into the lung and its relevance to paraquat toxicity.

Urinary enzymes, nephrotoxicity and renal disease.

Influence of diuretics on urinary general base catalytic activity and cyclophosphamide-induced bladder toxicity.

The accumulation of diamines and polyamines into rat lung slices.

[Drug-induced lesions of the esophagus].

Primary structure of the CFA1 fimbrial protein from human enterotoxigenic Escherichia coli strains.

Immunity to homologous type III collagen after partial meniscectomy and sham surgery in rabbits.

Cancer risks associated with agriculture: epidemiologic evidence.

Epidemiological study of nasal and nasopharyngeal cancer and their relation to phenoxy acid or chlorophenol exposure.

The functional and ultrastructural changes of hepatic mitochondria in acute experimental pancreatitis in dogs treated with prostacyclin.

Mortality study of persons exposed to dioxin in a trichlorophenol-process accident that occurred in the BASF AG on November 17, 1953.

Met- and leu-enkephalin immuno- and bio-reactivity in human stomach and pancreas.

The immunosuppressive effects of trichothecenes and cyclochlorotine on the antibody responses in guinea pigs.

The effects of antibiotics in the weanling pig diet on growth and the excretion of volatile phenolic and aromatic bacterial metabolites.

Inhibition of E-rosette formation and phagocytosis by human blood leucocytes after treatment with the dengue virus-induced cytotoxic factor.

Potassium transport by rabbit descending colon.

Subchronic administration of technical pentachlorophenol to lactating dairy cattle: immunotoxicologic evaluation.

Carcinogenicity of picloram.

Cardiovascular changes during the calcium carbimide-ethanol interaction.

Repeated exposure to alpha-ethylacrolein vapour: subacute toxicity study in rats.

[Use of histological methods for the demonstration of the anti-inflammatory activity of fusafungin (author's transl)].

The influence of putrefactive changes on the determination of Paraquat in autopsy materials.

Pulmonary fibrosis in experimental acute respiratory disease.

Tissue retention of arsenic in rats fed with founder or cacodylic acid.

[Pentachlorophenol concentrations in tissues and body fluids of normal persons (author's transl)].

Growth of *Bacteroides fragilis* in rabbit tracheal organ culture: anaerobiosis and tissue respiration.

Nonspecific suppression of initiation of memory cells in *Toxoplasma gondii*-infected mice.

Nonspecific suppression of primary antibody responses and presence of plastic-adherent suppressor cells in *Toxoplasma gondii*-infected mice.

Relation of soft-tissue sarcoma, malignant lymphoma and colon cancer to phenoxy acids, chlorophenols and other agents.

Production and characterization of a monoclonal antibody against the seed lectin of the *Dolichos biflorus* plant.

Isolation and characterization of subcellular membranes from canine stomach smooth muscle.

Estimation of genetic risks of alkylating agents. VI. Exposure of mice and bacteria to methyl bromide.

In vitro metabolism of inorganic arsenic by the gastro-intestinal microflora of the rat.

Hydrogen peroxide contracts airway smooth muscle: a possible endogenous mechanism.

An organ culture method for glandular stomach of new born rat.

Effects of brief and intermediate exposures to sulfate submicron aerosols and sulfate injections and cardiopulmonary function of dogs and tracheal mucous velocity of sheep.

Porphyrogenic effect of chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin in female rats. Dose-effect relationship following urinary excretion of porphyrins.

Studies on mutagenic constituents of apple brandy and various alcoholic beverages collected in western France, a high incidence area for oesophageal cancer.

Effect of glucose and hyperosmolality on the electrical characteristics of dog colon mucosa in vivo.

Effect of lactobacilli on urinary indican excretion in gnotobiotic rats and in man.

Alteration of urinary levels of the carcinogen, N-hydroxy-2-naphthylamine, and its N-glucuronide in the rat by control of urinary pH, inhibition of metabolic sulfation, and changes in biliary excretion.

Toxicity and bioaccumulation of pentachlorophenol in broiler chickens.

The chronic toxicity of technical and analytical pentachlorophenol in cattle. I. Clinicopathology.

Herbicide exposure and tumor mortality. An updated epidemiologic investigation on Swedish railroad workers.

The changing pattern of paraquat poisoning in man.

A comparison of the effects of paraquat and diquat on lung compliance, lung volumes and single breath diffusing capacity in the rat.

Normobaric oxygen toxicity of the lung.

Optimal fixation conditions for the immunoperoxidase identification of human J chain from tissue sections.

Effect of chlorophenols on porphyrin metabolism in rats and chick embryo.

Metabolic dependence of the electromyogram of the cat colon.

[Problems arising from disease during the periods of breeding and rearing canaries and other aviary birds (author's transl)].

Modification of mitochondrial respiration by aging and dietary restriction.

Corrosive gastritis as a result of ferrous sulphate ingestion.

General health effects of prolonged exposure to 3,3',4,4'-tetrachloroazobenzene and 3,3',4,4'-tetrachloroazoxybenzene in rats.

The therapeutics of peptic ulcers: clinical evaluation of C-Fe therapy.

Role of the endocrine system in the action of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the thymus.

Esophagitis caused by oral medication.

Examination of bone marrow, immunologic parameters and host susceptibility following pre- and postnatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Effect of polychlorinated biphenyl, dibenzofuran and dibenzo-p-dioxin on the susceptibility of male mice to endotoxin.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on macrophage and natural killer cell-mediated cytotoxicity in mice.

Characterization of Na-K-ATPase in dog tracheal epithelium: enzymatic and ion transport measurements.

Stimulus-secretion coupling in rat pancreas: role of sodium, calcium and cyclic nucleotides studied by X-537A and BrX-537A.

Necrotropic protective effect of Ca-Mg gluconolactate on allyl alcohol-induced liver necrosis in rats.

Fingerprint analyses of plant and animal tissues with respect to the occurrence of foreign compounds.

Effects of phenol and dinitrophenol on acid and alkaline phosphatases in tissues of a fish (*Notopterus notopterus*).

The toxicity and renal handling of paraquat in cynomolgus monkeys.

[Acute pharyngitis caused by inhalation of diquat (author's transl)].

Acute toxicity of oral diquat (1,1'-ethylene-2,2'-bipyridinium) in cynomolgus monkeys.

[A case of acute acrolein poisoning].

[Histo enzymatic reactions in the cells of the reticuloendothelial system of the liver and spleen and hepatocytes in acute Morfamquat dichloride poisoning].

Toxicity of 1,1'-alkyl-4,4'-bipyridylium salts in the rat.

[Fatal paraquat poisoning, a case report].

Tissue distribution of paraquat and diquat after oral administration in rats.

Induction in vitro of reversible immunosuppression and inhibition of B cell receptor regeneration by defined metabolites of cyclophosphamide.

Role of peripheral tissue receptors in stimulation of ventilation by 2,4-dinitrophenol.

Augmentation of antitumor cytotoxicity of MOPC-315 tumor bearer spleen cells by depletion of dinitrophenol-adherent cells prior to in vitro immunization.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on splenic lymphocyte transformation in mice after single and repeated exposures.

Laboratory studies on the immune effects of halogenated aromatics.

Long-term toxicologic studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in laboratory animals.

Selective and differential medium for isolation of *Clostridium difficile*.

Self-poisoning by sodium chlorate--some unusual features.

Detection of early lymphocyte activation by the fluorescent cell membrane probe N-phenyl-1-naphthylamine.

Comparison of the bronchodilator and vasodilator activity of sodium azide and sodium nitroprusside in the guinea-pig.

Fragmentation of the human transplantation antigen heavy chain by limited proteolysis, acid cleavage, and cyanogen bromide treatment.

Toxicity of 4-chloro-O-cresol to rat: I. Light microscopy and chemical observations.

The gastrointestinal absorption of paracetamol in the rat.

The effect of perinatal exposure to tetrachlorodibenzo-p-dioxin on the immune response of young mice.

Oesophageal perforation due to paraquat.

[2,4-D poisoning].

Binding to radioactivity from [¹⁴C] paraquat to rat lung protein, in vitro.

Effect of nighttime anisotropine methyl bromide of duodenal ulcer healing and pain: a double-blind controlled trial.

Methylnitrosophenylurea--a highly carcinogenic compound.

Iron absorption in patients with polycythemia vera: a comparative study using the whole-body counter and the ferrous sulfate absorption test.

Distribution of clozapine in the rat: localization in lung.

Some properties of Ca-binding microsomal subfractions isolated from rabbit colon muscle.

Short-term toxicity of allyl alcohol in rats.

Bioassay of trifluralin for possible carcinogenicity.

Bioassay of sulfallate for possible carcinogenicity (CAS No. 95-06-7).

[Effect of 2,4-dinitrophenol on transmembrane potential difference in frog tissues].

Concentration levels of 2,4-D and 2,4,5-T in forensic material.

Effects of diquat on the gastrointestinal tract of rats.

Acute and subchronic toxicity of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in male rat. I. Light microscopy and tissue concentrations of MCPA.

Acute respiratory distress in the dog associated with paraquat poisoning.

Environmental agents altering lung biochemistry.

[The toxic effects of 2,4,5-trichlorophenoxyacetic acid on the quail].

The effect of two pesticides, Miedzian 50 and Gesagard 50, on the development of tadpoles of *Rana temporaria*.

Lung pH and pulmonary absorption of nonvolatile drugs in the rat.

Suppressor cells in tolerance to contact sensitivity active against hapten-syngeneic and hapten-allogeneic determinants.

[Treatment of anemia in pregnancy].

Gap junctions. Structural changes after uncoupling procedures.

Effects of sodium nitroprusside, nitroglycerin, and sodium azide on levels of cyclic nucleotides and mechanical activity of various tissues.

Nitric oxide activates guanylate cyclase and increases guanosine 3':5'-cyclic monophosphate levels in various tissue preparations.

[Effect of antidotes on the rate of absorption of 2,4-dinitrophenol from the digestive tract into the blood].

Regulation of cardiac output during 2,4-dinitrophenol-induced tissue hypermetabolism in the dog.

Stimulation of guanylate cyclase by sodium nitroprusside, nitroglycerin and nitric oxide in various tissue preparations and comparison to the effects of sodium azide and hydroxylamine.

Strain differences in histopathologic, hematologic, and blood chemistry changes induced in mice by a technical and a purified preparation of 2,4,5-trichlorophenoxyacetic acid.

Effect of paraquat-induced lung damage on permeability of rat lung to drugs.

[Intestinal elimination of uremic metabolites by the adsorbents].

Sequential histopathologic, hematologic, and blood chemistry changes induced in mice by a technical and a purified preparation of 2,4,5-trichlorophenoxyacetic acid.

Formation of mutagenic N-nitroso compounds from the pesticides prometryne, dodine and carbaryl in the presence of nitrite at pH 1.

Liver enlargement induced by the herbicide 2,4,5-trichlorophenoxyacetic acid (2,4,5-T).

High uptake in the erythrocytes and the spleen of the quaternary dipyridylium salt paraquat injected intravenously in hypotonic solutions.

The production of urinary phenols by gut bacteria and their possible role in the causation of large bowel cancer.

Immunologic response and factors affecting its assessment.

Ulceration by oral ferrous sulfate.

Modifications and evaluation of double antibody radioimmunoassay of human carcinoembryonic antigen.

[The dynamics of changes in oxygen tension, circulatory rats, muscular and rectal temperatures in dinitrophenol hyperthermia].

[Pharmacological studies on basic ethers (R111 and R97) with antispasmodic activity].

Value of urinary simple phenol and indican determinations in the diagnosis of the stagnant loop syndrome.

Properties of Fcγ receptors in normal and malignant human tissues.

Ca²⁺ -uptake into noradrenaline-storing granules of bovine splenic nerves.

Mechanism and site of small intestinal uptake of vitamin D₃ in pharmacological concentrations.

Vitamin K₂ absorption by rat everted small intestinal sacs.

[Continuous inhalation of small amounts of formaldehyde: experimental study in the rat].

Gastrointestinal effects of acute ferrous sulfate poisoning in rats.

Lung collagen heterogeneity. Synthesis of type I and type III collagen by rabbit and human lung cells in culture.

The significance of ¹²⁵I as a tracer for lymphocytes, liver cells and erythrocytes after iodination by the lactoperoxidase-H₂O₂ technique.

Calcium-activated ATPase activity in a plasma membrane-rich preparation of rat pancreas.

Acute toxicity of lomex--a petroleum weedicide.

New low-toxicity phosphonic acid esters for use as defoliating, desiccating, and herbicidal agents.

Lung function in acute paraquat intoxication.

Short-term oral and dermal toxicity of MCPA and MCPP.

Irritancy of cyclophosphamide-derived aldehydes (acrolein, chloracetaldehyde) and their effect on lymphocyte distribution in vivo: protective effect of thiols and bisulphite ions¹).

Blockade by metal complexing agents and by catalase of the effects of arachidonic acid on platelets: relevance to the study of anti-inflammatory mechanisms.

Isolation and characterization of CNBr peptides of human (alpha 1 (III))₃ collagen and tissue distribution of (alpha 1 (I))₂ alpha 2 and (alpha 1 (III))₃ collagens.

Tritiated methylmercury in the brain of squirrel monkeys.

Ferrous and hemoglobin-⁵⁹Fe absorption from supplemented cow milk in infants with normal and depleted iron stores.

Fatal self-administration of sodium azide.

Iron poisoning in children.

A further investigation into the energy dependence of angiotensin II-induced contractions of isolated smooth muscle preparations.

Chemical studies on a monoclonal immunoglobulin from a patient with carcinoma of the colon.

Experimental studies on cholera immunization. 4. The antibody response to formalinized *Vibrio cholerae* and purified endotoxin with special reference to protective capacity.

The effect of 2, 4-dinitrophenol on the growth of *Bordetella pertussis* in chick tracheal organ culture.

Specific suppression of the antibody response in vitro by serum from paralyzed mice.

Effect of anaerobiosis, dinitrophenol and fluoride on the active intestinal transport of galactose in snail.

Mechanism and site of small intestinal absorption of alpha-tocopherol in the rat.

Effective treatment for paraquat poisoning in rats and its relevance to treatment of paraquat poisoning in man.

[Syndrome of ophthalmological manifestations caused by a generalized intoxication with defoliant and herbicides].

[Alveolitis and pulmonary fibrosis--an attempt at a synopsis].

[Massive paraquat poisoning, fatal within 24 hours. Toxicologic and anatomo-clinical data].

[Dynamics of changes in the immune structure of the lymphatic follicles of the spleen in pesticide poisoning].

Fetal uptake and embryogenetic effects of aminotriazole in mice.

[Effect of 2,4-dichlorophenoxyacetic acid on organogenesis and tracheogenesis in *Digitalis purpurea* L].

[The reaction of nitrite with pesticides. Formation, chemical properties and carcinogenic activity of the N-nitroso compound of the herbicide N-methyl-N'-(2-benzothiazolyl)-urea (benzthiazuron) (author's trans)].

Absorption of herbicides from the rat lung.

X-accumulation of labelled aminotriazole in some transplanted tumours in mice.

Movement of IgG receptors on the lymphocyte surface induced by protein A of Staphylococcus aureus.

Suppression of cellular immunity in rats and mice by maternal treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Histone and casein kinases of lactating bovine mammary gland.

Lung collagen heterogeneity.

Residual bromide in tissues of rats fed methyl bromide fumigated diets.

Table 2A-15 – Titles of Pubmed Records Related to Lung Adverse Events Following Herbicide Exposure

ASTHMA; *BREATH*; *BRONCH*; *CONGESTION*; *COPD*; *EMPHYSEMA*; * LUNG *; LUNG; *PULMONARY*; *RESPIRATORY*; *SARCOIDOSIS*; *WHEEZ* (5058)
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Integrated analysis of ceRNA-miRNA changes in paraquat-induced pulmonary epithelial-mesenchymal transition via high-throughput sequencing.

Biological-based techniques for real-time water-quality studies: Assessment of non-invasive (swimming consistency and respiration) and toxicity (antioxidants) biomarkers of zebrafish.

Inhaled paraquat-induced lung injury in rat, improved by the extract of Zataria multiflora boiss and PPAR α agonist, pioglitazone.

Regulation of NCOA4-mediated iron recycling ameliorates paraquat-induced lung injury by inhibiting ferroptosis.

Spatiotemporal Visualization of Paraquat Distribution, Toxicokinetics, and Its Detoxification in Zebrafish Using Matrix-Assisted Laser Desorption Ionization Mass Spectrometry Imaging.

Acrolein suppresses anticancer drug-induced toxicity mediated by activating claudin-1 and Nrf2 axis in a spheroid model of human lung squamous cell carcinoma cells.

The Peptide DH β -(4-pentenyl)-ANPQIR-NH(2) Exhibits Antifibrotic Activity in Multiple Pulmonary Fibrosis Models Induced by Particulate and Soluble Chemical Fibrogenic Agents.

Analysis of abnormal expression of signaling pathways in PQ-induced acute lung injury in SD rats based on RNA-seq technology.

Ferulic acid grafted into β -cyclodextrin nanospheres ameliorates Paraquat-induced human MRC-5 fibroblast injury.

Protective Effect of Quercetin against Paraquat-induced Brain Mitochondrial Disruption in Mice.

Protective effects of natural compounds against paraquat-induced pulmonary toxicity: the role of the Nrf2/ARE signaling pathway.

Synthesis, Characterization, Antioxidant, and Anticancer Activity against Colon Cancer Cells of Some Cinnamaldehyde-Based Chalcone Derivatives.

An Updated Evaluation of Atrazine-Cancer Incidence Associations among Pesticide Applicators in the Agricultural Health Study Cohort.

Amphibian-derived peptide RL-RF10 ameliorates paraquat-induced pulmonary fibrosis injury.

Mid-to-late stage diquat accumulation in the central nervous system: A severe case of oral poisoning.

Occult paraquat poisoning causing pneumomediastinum and organizing pneumonia.

A Forensic Case of Suicide Ingestion of Paraquat Herbicide: New Histological Insights and Revision of the Literature.

Perioperative exposure to volatile organic compounds in neonates undergoing cardiac surgery.

Machine learning-driven identification of air toxic combinations associated with asthma symptoms among elementary school children in Spokane, Washington, USA.

Baicalin and lung diseases.

Congenital diaphragmatic hernia: phosphodiesterase-5 and Arginase inhibitors prevent pulmonary vascular hypoplasia in rat lungs.

Agricultural exposure and risk of ovarian cancer in the AGRiculture and CANcer (AGRICAN) cohort.

Dysregulation of CITED2 in abnormal lung development in the nitrofen rat model.

[Analysis on early predictors of respiratory depression in patients with glufosinate poisoning].

Prenatal treprostinil improves pulmonary arteriolar hypermuscularization in the rabbit model of congenital diaphragmatic hernia.

Toxic effects of organophosphate pesticide monocrotophos in aquatic organisms: A review of challenges, regulations and future perspectives.

Metallic radionuclide-labeled tetrameric 2,6-diisopropylphenyl azides for cancer treatment.

The urinary metabolites of volatile organic compounds and asthma in young children: NHANES 2011-2018.

Occupational farm work activities influence workers' indoor home microbiome.

The study of the protective effect of mitochondrial uncouplers during acute toxicity of the fungicide difenoconazole in different organs of mice.

Vitellin/Vitellogenin Is an Important Allergen in German Cockroach.

Cardiac Radiofrequency Ablation Exacerbates Myocardial Injury through Pro-Inflammatory Response and Pro-Oxidative Stress in Elderly Patients with Persistent Atrial Fibrillation.

Organophosphate Toxicity.

[Favorable evolution of severe paraquat poisoning. Treatment with gastric lavage, activated charcoal, cyclophosphamide + corticoids, and conventional daily hemodialysis: case study at the Franck Joly Hospital Center in French Guiana].

2-Methoxyestradiol ameliorates paraquat-induced pulmonary fibrosis by inhibiting the TGF- β 1/Smad2/3 signaling pathway.

Serum metabolome and liver transcriptome reveal acrolein inhalation-induced sex-specific homeostatic dysfunction.

Association of glyphosate exposure with multiple adverse outcomes and potential mediators.

Effect of WISP1 on paraquat-induced EMT.

Mutagenicity, hepatotoxicity, and neurotoxicity of glyphosate and fipronil commercial formulations in Amazon turtles neonates (*Podocnemis expansa*).

Investigating the effects of mesotrione/atrazine-based herbicide on honey bee foragers.

Ecotoxicology of the herbicide paraquat: effects on wildlife and knowledge gaps.

A novel 2D g-C(3)N(4) material applied for Paraquat adsorbing and detoxifying in vitro and in vivo.

The novel peptide DR4penA attenuates the bleomycin- and paraquat-induced pulmonary fibrosis by suppressing the TGF- β 2/Smad signaling pathway.

The effects of *Crocus sativus* extract on inhaled paraquat-induced lung inflammation, oxidative stress, pathological changes and tracheal responsiveness in rats.

Molecular mechanism of paraquat-induced ferroptosis leading to pulmonary fibrosis mediated by Keap1/Nrf2 signaling pathway.

The mechanism of acrolein exposure inhibited the release of neutrophil extracellular traps: By reducing respiratory burst and Raf/MEK/ERK pathway and promote cell apoptosis.

Acrolein increases the concentration of intracellular Zn(2)²⁺ by producing mitochondrial reactive oxygen species in A549 cells.

Voluntary wheel-running improved pulmonary fibrosis by reducing epithelial mesenchymal transformation.

FAM13A regulates cellular senescence marker p21 and mitochondrial reactive oxygen species production in airway epithelial cells.

Paraquat-induced ferroptosis suppression via NRF2 expression regulation.

Integrated metabolomics and transcriptomics reveal glyphosate based-herbicide induced reproductive toxicity through disturbing energy and nucleotide metabolism in mice testes.

Transient Receptor Potential Ankyrin 1 (TRPA1) Channel Mediates Acrolein Cytotoxicity in Human Lung Cancer Cells.

Chlorogenic acid protective effects on paraquat-induced pulmonary oxidative damage and fibrosis in rats.

Sex-specific respiratory and systemic endocrine effects of acute acrolein and trichloroethylene inhalation.

Evaluation of nano-curcumin against inhaled paraquat-induced lung injury in rats.

Nitric oxide-mediated the therapeutic properties of induced pluripotent stem cell for paraquat-induced acute lung injury.

Melatonin ameliorates acute lung injury caused by paraquat poisoning by promoting PINK1 and BNIP3 expression.

Adhesion Molecules in Lung Inflammation from Repeated Glyphosate Exposures.

Therapeutic potential of amitriptyline for paraquat-induced pulmonary fibrosis: Involvement of caveolin-1-mediated anti-epithelial-mesenchymal transition and inhibition of apoptosis.

Impact of sub-acute acrolein inhalation on the molecular regulation of mitochondrial metabolism in rat lung.

A novel mechanism of Dimethyl ester of Alpha-ketoglutarate in suppressing Paraquat-induced BEAS-2B cell injury by alleviating GSDME dependent pyroptosis.

Perinatal exposure to high concentration glyphosate-based herbicides induces intestinal apoptosis by activating endoplasmic reticulum stress in offspring.

Triazine Herbicides Risk Management Strategies on Environmental and Human Health Aspects Using In-Silico Methods.

The Tobacco Smoke Component, Acrolein, as a Major Culprit in Lung Diseases and Respiratory Cancers: Molecular Mechanisms of Acrolein Cytotoxic Activity.

Tripterygium wilfordii Hook.f. ameliorates paraquat-induced lung injury by reducing oxidative stress and ferroptosis via Nrf2/HO-1 pathway.

Dimethyl fumarate attenuates paraquat-induced pulmonary oxidative stress, inflammation and fibrosis in mice.

Glyphosate based-herbicide disrupts energy metabolism and activates inflammatory response through oxidative stress in mice liver.

Pterostilbene Confers Protection against Diquat-Induced Intestinal Damage with Potential Regulation of Redox Status and Ferroptosis in Broiler Chickens.

Is nanoparaquat safer than bulk paraquat? An in vitro and in vivo evaluation.

Disruption of the Molecular Regulation of Mitochondrial Metabolism in Airway and Lung Epithelial Cells by Cigarette Smoke: Are Aldehydes the Culprit?

HIF-1 α promotes paraquat induced acute lung injury and implicates a role NF- κ B and Rac2 activity.

Mitochondrial dysfunction due to in vitro exposure to atrazine and its metabolite in striatum.

A mass event of paraquat poisoning via inhalation.

[Protective effect of metformin on pulmonary fibrosis caused by paraquat through activating AMP-activated protein kinase pathway].

Study on the therapeutic effect of glucocorticoids on acute kidney injury in rats exposed to diquat.

A review of the characteristic properties of selected tobacco chemicals and their associated etiological risks.

Clinical and pathological characteristics of acute kidney injury caused by diquat poisoning.

Assessment of pulmonary fibrosis induced by paraquat using Al(18)F-NODA-FAPI-04 PET/CT.

Predicting the relationship between pesticide genotoxicity and breast cancer risk in South Indian women in in vitro and in vivo experiments.

Sensitization of GSH synthesis by curcumin curtails acrolein-induced alveolar epithelial apoptosis via Keap1 cysteine conjugation: A randomized controlled trial and experimental animal model of pneumonitis.

Diet as a Source of Acrolein: Molecular Basis of Aldehyde Biological Activity in Diabetes and Digestive System Diseases.

[Effect of pirfenidone on paraquat-induced pulmonary fibrosis in rats].

[Effects of Nintedanib associated with Shenfu Injection on paraquat-induced lung injury in rats].

Quantitation by Liquid Chromatography-Nanoelectrospray Ionization-High-Resolution Tandem Mass Spectrometry of Multiple DNA Adducts Related to Cigarette Smoking in Oral Cells in the Shanghai Cohort Study.

Follow-up of patients with a 5-year survival after paraquat poisoning using computed tomography images and spirometry.

Mutation of Arabidopsis SME1 and Sm core assembly improves oxidative stress resilience.

Metabolomic Responses of Lettuce (*Lactuca sativa*) to Allelopathic Benzoquinones from *Iris sanguinea* Seeds.

m(6)A methylation-mediated PGC-1 β contributes to ferroptosis via regulating GSTK1 in arsenic-induced hepatic insulin resistance.

Airway Injury Caused by Aspiration of Iron Sulfate Pills: A Series of 11 Cases.

Anti-inflammatory effects of antenatal administration of stem cell derived extracellular vesicles in the brain of rat fetuses with congenital diaphragmatic hernia.

High-Soluble-Fiber Diet Attenuates Hypoxia-Induced Vascular Remodeling and the Development of Hypoxic Pulmonary Hypertension.

Overactivated Epithelial NF- κ B Disrupts Lung Development in Congenital Diaphragmatic Hernia.

Irritant asthma and work: cases from the UK SWORD reporting scheme from 1999 to 2018.

Gene deletion of long-chain acyl-CoA synthetase 4 attenuates xenobiotic chemical-induced lung injury via the suppression of lipid peroxidation.

2,3,7,8-tetrachlorodibenzo-p-dioxin induces multigenerational testicular toxicity and biosynthetic disorder of testosterone in BALB/C mice: Transcriptional, histopathological and hormonal determinants.

Synthesis and Preclinical Evaluation of [Methylpiperazine-(11)C]brigatinib as a PET Tracer Targeting Both Mutated Epidermal Growth Factor Receptor and Anaplastic Lymphoma Kinase.

Lung proliferation is dependent on the duration not the timepoint of tracheal occlusion in nitrofen rats with diaphragmatic hernia.

Iron deficiency in young basketball players: Is a 100 µg/L ferritin cut-off appropriate for iron supplementation?: Results of a randomized placebo-controlled study.

Arsenic exposure and lung fibrotic changes-evidence from a longitudinal cohort study and experimental models.

Is exposure to chemical pollutants associated with sleep outcomes? A systematic review.

Proteomic Profiling of Hypoplastic Lungs Suggests an Underlying Inflammatory Response in the Pathogenesis of Abnormal Lung Development in Congenital Diaphragmatic Hernia.

Impact of the pentose phosphate pathway on metabolism and pathogenesis of Staphylococcus aureus.

Single-cell transcriptomic profiling of microvascular endothelial cell heterogeneity in congenital diaphragmatic hernia.

Transcriptional, hormonal and histological alterations in the ovaries of BALB/c mice exposed to TCDD in connection with multigenerational female infertility.

Environmentally Mediated Health Disparities.

A Tracheal Aspirate-derived Airway Basal Cell Model Reveals a Proinflammatory Epithelial Defect in Congenital Diaphragmatic Hernia.

CHST2-mediated sulfation of MECA79 antigens is critical for breast cancer cell migration and metastasis.

Fetal lung hypoxia and energetic cell failure in the nitrofen-induced congenital diaphragmatic hernia rat model.

Volatile organic compounds (VOC) in homes associated with asthma and lung function among adults in Northern Europe.

A Paternal Fish Oil Diet Preconception Reduces Lung Inflammation in a Toxicant-Driven Murine Model of New Bronchopulmonary Dysplasia.

[Clinical case report of acute dinitrophenol poisoning with a fatal outcome of Udmurt Republic].

PD-L1 upregulation promotes drug-induced pulmonary fibrosis by inhibiting vimentin degradation.

Upregulated TSP1 and CD47 expression in the lung in nitrofen-induced congenital diaphragmatic hernia.

Early functional analysis on the pulmonary hemodynamic effects of Transamniotic Stem Cell Therapy (TRASCET) in the nitrofen model of congenital diaphragmatic hernia.

Systematic Review: Association of Pesticide Exposure and Child Wheeze and Asthma.

Club Cells-A Guardian against Occupational Hazards.

On the Tunability of Toxicity for Viologen-Derivatives as Anolyte for Neutral Aqueous Organic Redox Flow Batteries.

The phylogeny of Acetobacteraceae: photosynthetic traits and deranged respiratory enzymes.

Clinical characteristics of survivors versus non-survivors after acute diquat poisoning: a comparative study.

Analysis of gasoline-related pollutant exposures and risks in California between 1996 and 2014.

Indoor metabolites and chemicals outperform microbiome in classifying childhood asthma and allergic rhinitis.

Paraquat ingestion in an adult with cystic fibrosis (CF): Diagnostic and management dilemmas.

Paraquat induced acute kidney and lung injury with a dramatic response to methylprednisolone: A case report.

Differential transcriptomic alterations in nasal versus lung tissue of acrolein-exposed rats.

Implication of amino acid metabolism and cell surface integrity for the thermotolerance mechanism in the thermally adapted acetic acid bacterium *Acetobacter pasteurianus* TH-3.

Discussion to AATS 2023: Exposure to Agent Orange is associated with increased recurrence after surgical treatment of stage I non-small cell lung cancer.

Nilotinib alleviates paraquat-induced hepatic and pulmonary injury in rats via the Nrf2/Nf-kB axis.

Bacterial respiratory inhibition triggers dispersal of *Pseudomonas aeruginosa* biofilms.

Predicting mortality in paraquat poisoning through clinical findings, with a focus on pulmonary and cardiovascular system disorders.

Microbial signatures in amniotic fluid at preterm birth and association with bronchopulmonary dysplasia.

Transcriptome reveals the toxicity difference of dimethyl disulfide by contact and fumigation on *Meloidogyne incognita* through calcium channel-mediated oxidative phosphorylation.

Acute paraquat poisoning complicated by acute kidney injury and lung fibrosis: a case report from Nepal.

A fixed 20:1 combination of cafedrine/theodrenaline increases cytosolic Ca(2+) concentration in human tracheal epithelial cells via ryanodine receptor-mediated Ca(2+) release.

Levels of Urinary Mercapturic Acids of Acrolein, Methacrolein, Crotonaldehyde, and Methyl Vinyl Ketone in Relationship to Chronic Obstructive Pulmonary Disease in Cigarette Smokers of the Subpopulations and Intermediate Outcome Measures in COPD Study (SPIROMICS).

Prognostic Value of the Average Lung CT Number in Patients with Acute Paraquat Poisoning.

Exposure to Agent Orange is associated with increased recurrence after surgical treatment of stage I non-small cell lung cancer.

Protective potential effects of hydroalcoholic extract of *Teucrium polium* L. (Lamiaceae) against paraquat-induced lung fibrosis: An experimental study in rats.

Occupational Farm Work Activities Influence Workers' Indoor Home Microbiome.

Air Pollutant Patterns and Human Health Risk following the East Palestine, Ohio, Train Derailment.

Roles of DNA Target in Cancer Cell-Selective Cytotoxicity by Dicopper Complexes with DNA Target/Ligand Conjugates.

Therapeutic efficacy of (211)At-radiolabeled 2,6-diisopropylphenyl azide in mouse models of human lung cancer.

Case report: Occupational poisoning incident from a leak of chloroacetyl chloride in Jinan, Shandong, China.

Evidence for crosstalk between the aryl hydrocarbon receptor and the translocator protein in mouse lung epithelial cells.

Environmental cadmium exposure alters the internal microbiota and metabolome of Sprague-Dawley rats.

Rapid Detection of Volatile Organic Metabolites in Urine by High-Pressure Photoionization Mass Spectrometry for Breast Cancer Screening: A Pilot Study.

Intra-amniotic sildenafil treatment improves lung blood flow and pulmonary hypertension in congenital diaphragmatic hernia rats.

Air, Dermal, and Urinary Metabolite Levels of Backpack and Tractor Sprayers Using the Herbicide Acetochlor in Thailand.

Case report: Lung transplantation for treatment of paraquat intoxication: timing of transplantation.

Noninvasive Colorimetric Detection of Acetic Acid in Human Breath Based on an Alginate/Ni-Al-LDH/Dye Composite Film.

The regulation of TRPA1 expression and function by Th1 and Th2-type inflammation in human A549 lung epithelial cells.

Counteracting the Toxic Hydroarsenicism Effects upon Reproductive-Physiological Outcomes in Male Goats: The Selenium and Vitamin-E Mitigation Approach.

Human amnion-derived mesenchymal stem cells attenuate acute lung injury in two different acute lung injury mice models.

Atrazine Toxicity: The Possible Role of Natural Products for Effective Treatment.

Diagnostic Dilemma in Fatal Paraquat Poisoning: An Autopsy Case Report.

Dissecting the effects of paraquat-induced pulmonary injury in rats using UPLC-Q-TOF-MS/MS-based metabolomics.

Associations between biomarkers of nicotine/tobacco exposure and respiratory symptoms among adults who exclusively smoke cigarettes in the U.S.: Findings from the PATH Study Waves 1-4 (2013-2017).

Rarely Encountered Gram-Negative Rods and Lung Transplant Recipients: A Narrative Review.

Mobitz type I as manifestation of acute lithium cardiotoxicity.

The capillary-leakage syndrome caused by glyphosate poisoning: a case report.

A case of severe paraquat poisoning treated by continuous hemodiafiltration without sequelae.

Influence of puff topographies on e-liquid heating temperature, emission characteristics and modeled lung deposition of Puff Bar(â,,ç).

A Nomogram for Early Diagnosis of Community-Acquired Pneumonia Based on Bronchoalveolar Lavage Fluid Metabolomics.

Chemical characterization of combustion engine exhaust and assessment of helicopter deck operator occupational exposures on an offshore frigate class ship.

Chorioallantoic membrane assay revealed the role of TIPARP (2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible poly (ADP-ribose) polymerase) in lung adenocarcinoma-induced angiogenesis.

Microbial Virulence Factors, Antimicrobial Resistance Genes, Metabolites, and Synthetic Chemicals in Cabins of Commercial Aircraft.

LC-MS/MS Based Volatile Organic Compound Biomarkers Analysis for Early Detection of Lung Cancer.

Pesticide exposure and asthma morbidity in children residing in urban, multi-family housing.

Overview of Adductomics in Toxicology.

Protective effects of zingerone against sodium arsenite-induced lung toxicity: A multi-biomarker approach.

Andrographolide alleviates paraquat-induced acute lung injury by activating the Nrf2/HO-1 pathway.

Mutual promotion of mitochondrial fission and oxidative stress contributes to mitochondrial-DNA-mediated inflammation and epithelial-mesenchymal transition in paraquat-induced pulmonary fibrosis.

Andrographolide-based potential anti-inflammatory transcription inhibitors against nuclear factor NF-kappa-B p50 subunit (NF-ÎB p50): an integrated molecular and quantum mechanical approach.

Ever and cumulative occupational exposure and lung function decline in longitudinal population-based studies: a systematic review and meta-analysis.

Signaling pathways involved in paraquat-induced pulmonary toxicity: Molecular mechanisms and potential therapeutic drugs.

Perinatal exposure to glyphosate-based herbicides impairs progeny health and placental angiogenesis by disturbing mitochondrial function.

Glyphosate differentially affects the allergic immune response across generations in mice.

Cannabinoid Analogue WIN 55212-2 Protects Paraquat-Induced Lung Injury and Enhances Macrophage M2 Polarization.

YAP1 silencing attenuated lung injury/fibrosis but worsened diaphragmatic function by regulating oxidative stress and inflammation response in mice.

Study of paraquat-induced pulmonary fibrosis using biomimetic micro-lung chips.

Smoking-Associated Exposure of Human Primary Bronchial Epithelial Cells to Aldehydes: Impact on Molecular Mechanisms Controlling Mitochondrial Content and Function.

Phlebotomy-induced iron deficiency attenuates the pulmonary toxicity of paraquat in mice.

Acrolein Increases the Pulmonary Tumorigenic Activity of the Tobacco-Specific Nitrosamine 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK).

Pathophysiological Changes in Rhesus Monkeys with Paraquat-Induced Pulmonary Fibrosis.

A dose-related positive effect of inhaled simvastatin-loaded PLGA nanoparticles on paraquat-induced pulmonary fibrosis in rats.

Whey protein protects liver mitochondrial function against oxidative stress in rats exposed to acrolein.

Agent Orange Exposure and Risk of Idiopathic Pulmonary Fibrosis among U.S. Veterans.

The toxicokinetics of acute paraquat poisoning in specific patients: a case series.

Cross-sectional and longitudinal associations of acrolein exposure with pulmonary function alteration: Assessing the potential roles of oxidative DNA damage, inflammation, and pulmonary epithelium injury in a general adult population.

Mitoquinone mitigates paraquat-induced A549 lung epithelial cell injury by promoting MFN1/MFN2-mediated mitochondrial fusion.

Ginsenoside Rg1 suppresses paraquat-induced epithelial cell senescence by enhancing autophagy in an ATG12-dependent manner.

Pentachlorophenol mediated regulation of DAMPs and inflammation: In vitro study.

Verbascoside inhibits paraquat-induced pulmonary toxicity via modulating oxidative stress, inflammation, apoptosis and DNA damage in A549 cell.

[Study on the Protective effect and mechanism of Nicotinamide Riboside on lung injury in paraquat intoxicated mice].

Time-resolved proteome and transcriptome of paraquat-induced pulmonary fibrosis.

Effects of exposure to glyphosate on oxidative stress, inflammation, and lung function in maize farmers, Northern Thailand.

Comparative study of oral versus parenteral crocin in mitigating acrolein-induced lung injury in albino rats.

Pesticides and farmers' health: an analysis of variables related to management and property.

Ginkgolide C Alleviates Acute Lung Injury Caused by Paraquat Poisoning via Regulating the Nrf2 and NF- κ B Signaling Pathways.

Vesicle transport related protein Synaptotagmin-1 mediates paraquat transport to antagonize paraquat toxicity.

Clinicohematological, Mutagenic, and Oxidative Stress Induced by Pendimethalin in Freshwater Fish Bighead Carp (*Hypophthalmichthys nobilis*).

Histopathological, Immunohistochemical, And Molecular Alterations In Brain Tissue And Submandibular Salivary Gland Of Atrazine-Induced Toxicity In Male Rats.

Aqueous *Thunbergia laurifolia* leaf extract alleviates paraquat-induced lung injury in rats by inhibiting oxidative stress and inflammation.

Human Amnion-Derived MSCs Alleviate Acute Lung Injury and Hinder Pulmonary Fibrosis Caused by Paraquat in Rats.

Protective effect of dexamethasone against paraquat-triggered toxicity in A549 cells through inhibiting inflammation, apoptosis and TGF- β 1/Smad3 pathway.

Quantification and toxicokinetics of paraquat in mouse plasma and lung tissues by internal standard surface-enhanced Raman spectroscopy.

Apiaceous vegetables protect against acrolein-induced pulmonary injuries through modulating hepatic detoxification and inflammation in C57BL/6 male mice.

Acute exposure to paraquat affects the phenotypic differentiation of substantia nigra microglia in rats.

Exploring the molecular mechanisms of the inhibition of acrolein-induced BEAS-2B cytotoxicity by luteolin using network pharmacology and cell biology technology.

5-Aminosalicylic acid attenuates paraquat-induced lung fibroblast activation and pulmonary fibrosis of rats.

Tenascin-C Participates Pulmonary Injury Induced by Paraquat Through Regulating TLR4 and TGF- β 2 Signaling Pathways.

The STING-IRF3 pathway contributes to paraquat-induced acute lung injury.

Toxicity mechanism of acrolein on DNA damage and apoptosis in BEAS-2B cells: Insights from cell biology and molecular docking analyses.

[Effects on extravascular lung water of lung protective ventilation strategy applied on piglets with acute respiratory distress syndrome induced by paraquat].

Searching for biomarkers of early detection of 2,4-D effects in a native tree species from the Brazilian Cerrado biome.

Evaluation of the efficiency of simvastatin loaded PLGA nanoparticles against acute paraquat-intoxicated rats.

Farming, pesticide exposure and respiratory health: a cross-sectional study in Thailand.

Lung transplantation in a woman with paraquat poisoning that led to pulmonary fibrosis-Widely reported by the media: A case report.

Paraquat is an agonist of STIM1 and increases intracellular calcium levels.

Lung Cancer in the French West Indies: Role of Sugarcane Work and Other Occupational Exposures.

Quantitation of DNA Adducts Resulting from Acrolein Exposure and Lipid Peroxidation in Oral Cells of Cigarette Smokers from Three Racial/Ethnic Groups with Differing Risks for Lung Cancer.

The Long-Term Respiratory Perils of War.

Arsenic exposure and respiratory outcomes during childhood in the INMA study.

Cinnamaldehyde decreases the invasion and u-PA expression of osteosarcoma by down-regulating the FAK signalling pathway.

Homicidal paraquat poisoning: Poisoned while drinking.

Acute diquat poisoning resulting in toxic encephalopathy: a report of three cases.

An Inhibitor of Nuclear Factor-Kappa B Pathway Attenuates the Release of TGF- β 1 and Inhibits the Fibrogenic Progress in a Model of Airway Remodeling Induced by Acrolein.

Wnt-induced secreted proteins-1 play an important role in paraquat-induced pulmonary fibrosis.

Acrolein inhalation acutely affects the regulation of mitochondrial metabolism in rat lung.

Successful Treatment of Severe Toxic Hepatitis and Encephalopathy Without Respiratory Failure Caused by Paraquat Intoxication.

Histopathological Findings in a Fatal Case of Paraquat Poisoning.

[A five-year follow-up report on lung imaging and exercise endurance of a patient with paraquat poisoning].

C. elegans as an in vivo model system for the phenotypic drug discovery for treating paraquat poisoning.

MyD88 deficiency ameliorates weight loss caused by intestinal oxidative injury in an autophagy-dependent mechanism.

Quaternion of paraquat poisoning: icterus, oral ulceration, acute respiratory and renal failure.

Effect of Cinnamaldehyde on *C. albicans* cell wall and (1,3)- β -D-glucans in vivo.

Asthma attacks: Patients who survived paraquat poisoning.

Factors associated with respiratory symptoms among herbicide applicators and assistant applicators in maize field.

[Effects of arsenic and its main metabolites on A549 cell apoptosis and the expression of pro-apoptotic genes Bad and Bik].

Ethalfuralin impairs implantation by aggravation of mitochondrial viability and function during early pregnancy.

A clinico-epidemiological Study of acute Self-poisoning by different Types of herbicidal Substances used in agricultural Fields: A Study from Patients admitted in a Tertiary Care Hospital in West Bengal.

A Deadly Herbicide 'Paraquat Poisoning' and Miserable Death of a 19 Years Boy.

The effects of aerobic exercise training with octopamine supplementation on cardiomyocyte apoptosis induced by deep-frying oil: The role of caspase and procaspase 3.

Firefighters' urinary concentrations of VOC metabolites after controlled-residential and training fire responses.

Single-Center Experience With Paraquat Exposure in Nine Patients.

Design, Synthesis and Antiproliferative Evaluation of Bis-Indole Derivatives with a Phenyl Linker: Focus on Autophagy.

The effect of tracheal occlusion in congenital diaphragmatic hernia in the nitrofen rat lung explant model.

Preparation and inhibitory effect of salicin dimethyl ether in Laryngeal cancer cells through the apoptosis activation.

Treatment with Amniotic Fluid Stem Cell Extracellular Vesicles Promotes Fetal Lung Branching and Cell Differentiation at Canalicular and Saccular Stages in Experimental Pulmonary Hypoplasia Secondary to Congenital Diaphragmatic Hernia.

Severe methyl bromide poisoning causing early acute renal failure and anuria: a case report.

Arsenic induces bronchial epithelial carcinogenesis with mitochondrial dysfunction through AKAP95-mediated cell cycle alterations.

Urinary polycyclic aromatic hydrocarbon, arsenic, and metal exposure and correlation with emphysema in smokers.

Barbaloin attenuates pulmonary fibrosis through TGF- β 1/Smads/p38 pathway.

Autophagy Is Impaired in Fetal Hypoplastic Lungs and Rescued by Administration of Amniotic Fluid Stem Cell Extracellular Vesicles.

Hot Air Treatment Elicits Disease Resistance against *Colletotrichum gloeosporioides* and Improves the Quality of Papaya by Metabolomic Profiling.

Ingestion poisoning related lung injury- a pictorial review.

Association between environmental toxic metals, arsenic and polycyclic aromatic hydrocarbons and chronic obstructive pulmonary disease in the US adult population.

Nano-silica particles synergistically IgE-mediated mast cell activation exacerbating allergic inflammation in mice.

Prenatal treprostinil reduces the pulmonary hypertension phenotype in the rat model of congenital diaphragmatic hernia.

Flurochloridone induces responses of free radical reactions and energy metabolism disorders to BRL-3A cell.

Neonatal rodent ventilation and clinical correlation in congenital diaphragmatic hernia.

A novel surgical toxicological-free model of diaphragmatic hernia in fetal rats.

Supercomplex supercomplexes: Raison d'etre and functional significance of supramolecular organization in oxidative phosphorylation.

N6-Acetyl-L-Lysine and p-Cresol as Key Metabolites in the Pathogenesis of COVID-19 in Obese Patients.

The Aryl Hydrocarbon Receptor Modulates T Follicular Helper Cell Responses to Influenza Virus Infection in Mice.

Yes-associated protein is dysregulated during nitrofen-induced hypoplastic lung development due to congenital diaphragmatic hernia.

Redox-dependent loss of flavin by mitochondria complex I is different in brain and heart.

Arsenic alters nitric oxide signaling similar to autism spectrum disorder and Alzheimer's disease-associated mutations.

Environmental Substances Associated with Chronic Obstructive Pulmonary Disease-A Scoping Review.

Toenail speciation biomarkers in arsenic-related disease: a feasibility study for investigating the association between arsenic exposure and chronic disease.

Metabolic trade-offs favor regulated hypothermia and inhibit fever in immune-challenged chicks.

Acute Dyspnea and Hemoptysis in an 84-Year-Old Man With Multiple Comorbidities.

Synthesis and anti-inflammatory activities of glycyrrhetic acid derivatives containing disulfide bond.

Ni(2+) Catalyzed Cleavage of TrpLE-Fused Small Transmembrane Peptides.

Rare fatal poisoning through dermal exposure to paraquat.

Carbonyl Profiles of Electronic Nicotine Delivery System (ENDS) Aerosols Reflect Both the Chemical Composition and the Numbers of E-Liquid Ingredients-Focus on the In Vitro Toxicity of Strawberry and Vanilla Flavors.

E2F1 regulates miR-215-5p to aggravate paraquat-induced pulmonary fibrosis via repressing BMPR2 expression.

Urinary volatile organic compound metabolites and reduced lung function in U.S. adults.

Toxic effects of pesticides on cellular and humoral immunity: an overview.

Acetobacter tropicalis bacteraemia in an immunocompromised patient: case report.

The Mitochondrial Alternative Oxidase in *Ustilago maydis* Is Not Involved in Response to Oxidative Stress Induced by Paraquat.

Metabolic Regulation Effect and Potential Metabolic Biomarkers of Pre-Treated Delphinidin on Oxidative Damage Induced by Paraquat in A549 Cells.

Comparative Biochemical Profiling of Aluminum Chloride and Sodium Azide Induced Neuroinflammation and Cardiometabolic Disturbance.

Microbiome alterations from volatile organic compounds (VOC) exposures among workers in salons primarily serving women of color.

Ethoxyquin is a Competent Radical-Trapping Antioxidant for Preventing Ferroptosis in Doxorubicin Cardiotoxicity.

AhR Mediated Activation of Pro-Inflammatory Response of RAW 264.7 Cells Modulate the Epithelial-Mesenchymal Transition.

Oxaloacetate acid ameliorates paraquat-induced acute lung injury by alleviating oxidative stress and mitochondrial dysfunction.

C-X-C-Chemokine-Receptor-Type-4 Inhibitor AMD3100 Attenuates Pulmonary Inflammation and Fibrosis in Silicotic Mice.

An online atlas of human plasma metabolite signatures of gut microbiome composition.

Assessment of Semen Respiratory Activity of Domesticated Species before and after Cryopreservation: Boars, Bulls, Stallions, Reindeers and Roosters.

The Joint Influence of TI(+) and Thiol-Modifying Agents on Rat Liver Mitochondrial Parameters In Vitro.

Allergic and non-allergic wheeze among farm women in the Agricultural Health Study (2005-2010).

Mild pentachlorophenol-mediated uncoupling of mitochondria depletes ATP but does not cause an oxidized redox state or dopaminergic neurodegeneration in *Caenorhabditis elegans*.

Genetic background modulates the sensitivity of *Caenorhabditis elegans* to the toxic effects of vehicular air pollution.

Heme-bound tyrosine vibrations in hemoglobin M: Resonance Raman, crystallography, and DFT calculation.

Metabolites From Trypanosome-Infected Cattle as Sensitive Biomarkers for Animal Trypanosomosis.

Comparative effects of Curcuma longa and curcumin on paraquat-induced systemic and lung oxidative stress and inflammation in rats.

Disinfection byproducts in chlorinated or brominated swimming pools and spas: Role of brominated DBPs and association with mutagenicity.

Comparative study of free respiration in liver mitochondria during oxidation of various electron donors and under conditions of shutdown of complex III of the respiratory chain.

Metformin Regulates Alveolar Macrophage Polarization to Protect Against Acute Lung Injury in Rats Caused by Paraquat Poisoning.

In Vivo Estimation of the Biological Effects of Endocrine Disruptors in Rabbits after Combined and Long-Term Exposure: Study Protocol.

Distinct Epithelial Cell Profiles in Normal Versus Induced-Congenital Diaphragmatic Hernia Fetal Lungs.

Interference with connective tissue growth factor attenuated fibroblast-to-myofibroblast transition and pulmonary fibrosis.

Voltage Dependent Anion Channel 3 (VDAC3) protects mitochondria from oxidative stress.

Dioxin Disrupts Thyroid Hormone and Glucocorticoid Induction of klf9, a Master Regulator of Frog Metamorphosis.

[A case of occupational allyl alcohol inhalation poisoning].

The Potential Role of Mitochondrial Acetaldehyde Dehydrogenase 2 in Urological Cancers From the Perspective of Ferroptosis and Cellular Senescence.

Effects of Montelukast on Arsenic-Induced Epithelial-Mesenchymal Transition and the Role of Reactive Oxygen Species Production in Human Bronchial Epithelial Cells.

Breath chemical markers of sexual arousal in humans.

Residential proximity to crops and agricultural pesticide use and cause-specific mortality: A prospective census-based cohort study in the Netherlands.

Paraquat Induces Lung Injury via miR-199-Mediated SET in a Mouse Model.

Kidney and lung injury in rats following acute diquat exposure.

Diquat Poisoning: Care Management and Medico-Legal Implications.

Enhancement of cancer-cell-selective cytotoxicity by a dicopper complex with a phenanthrene amide-tether ligand conjugate via mitochondrial apoptosis.

NMR Spectroscopy Identifies Chemicals in Cigarette Smoke Condensate That Impair Skeletal Muscle Mitochondrial Function.

Correction to: Quantification and toxicokinetics of paraquat in mouse plasma and lung tissues by internal standard surface enhanced Raman spectroscopy.

Distinguish oral-source VOCs and control their potential impact on breath biomarkers.

Exploring breath biomarkers in BLM-induced pulmonary fibrosis mice with associative ionization time-of-flight mass spectrometry.

Mitochondrial proteomics reveals new insights into embryogenic competence acquisition in *Carica papaya* L. callus.

Role of Lung P450 Oxidoreductase in Paraquat-Induced Collagen Deposition in the Lung.

Alkaline Diuresis as Treatment for 2,4-D Dimethylamine Herbicide Intoxication.

Retraction Note: Carvacrol and PPAR α agonist, pioglitazone, affects inhaled paraquat-induced lung injury in rats.

Sensitive Micro-Breathing Sensing and Highly-Effective Photothermal Antibacterial Cinnamomum camphora Bark Micro-Structural Cotton Fabric via Electrostatic Self-Assembly of MXene/HACC.

Arsenite-induced cytotoxicity is regulated by p38-SQSTM1/p62 and JNK-BNIP3L/Nix signaling in lung cancer cells.

Proton motive force underpins respiration-mediated potentiation of aminoglycoside lethality in pathogenic *Escherichia coli*.

Arctigenin attenuates paraquat-induced human lung epithelial A549 cell injury by suppressing ROS/p38 mitogen-activated protein kinases-mediated apoptosis.

Paraquat poisoning with spontaneous pneumothorax in the era of online shopping.

Inhibition of Wnt10b/ β -catenin signaling alleviates pulmonary fibrogenesis induced by paraquat in vivo and in vitro.

Lung inflammation from repeated exposure to LPS and glyphosate.

Effects of chronic prometryn exposure on antioxidative status, intestinal morphology, and microbiota in sea cucumber (*Apostichopus japonicus*).

Elevated pulmonary levels of Axin2 in mice exposed to herbicide 2,4-D with or without endotoxin.

Assessment of glufosinate-containing herbicide exposure: A multi-center retrospective study.

Thoracic radiographic features of fatal paraquat intoxication in eleven dogs.

Atrazine Inhalation Worsen Pulmonary Fibrosis Regulating the Nuclear Factor-Erythroid 2-Related Factor (Nrf2) Pathways Inducing Brain Comorbidities.

Whole-body bioconcentration and biochemical and morphological responses of gills of the neotropical fish *Prochilodus lineatus* exposed to 2,4-dichlorophenoxyacetic acid or fipronil individually or in a mixture.

Atrazine intoxication in cattle, confirmed by gas chromatography-mass spectrometry.

Conjugated linoleic acid protects brain mitochondrial function in acrolein induced male rats.

Subchronic exposure to a glyphosate-based herbicide causes dysplasia in the digestive tract of Wistar rats.

Farmers' Knowledge, Attitudes, and Perceptions Regarding Carcinogenic Pesticides in Fez Meknes Region (Morocco).

Paraquat promotes acute lung injury in rats by regulating alveolar macrophage polarization through glycolysis.

Sex-dependent acrolein sensitivity in mice is associated with differential lung cell, protein, and transcript changes.

Exposure to glyphosate and tetrachlorvinphos induces cytotoxicity and global DNA methylation in human cells.

Pectin/chitosan/tripolyphosphate encapsulation protects the rat lung from fibrosis and apoptosis induced by paraquat inhalation.

Improving pollutants environmental risk assessment using a multi model toxicity determination with *in vitro*, bacterial, animal and plant model systems: The case of the herbicide alachlor.

Epigenome-Wide DNA Methylation and Pesticide Use in the Agricultural Lung Health Study.

Long noncoding RNA HOTAIR functions as ceRNA to regulate MMP2 in paraquat induced lung epithelial-mesenchymal transition.

Glyphosate and Polyoxyethyleneamine Ingestion Leading to Renal, Hepatic, and Pulmonary Failure.

The effect of *Zataria multiflora* hydroalcoholic extract on memory and lung changes induced by rats that inhaled paraquat.

Immediate and late systemic and lung effects of inhaled paraquat in rats.

Using the Matrix to bridge the epidemiology/risk assessment gap: a case study of 2,4-D.

Pulmonary inflammatory response from co-exposure to LPS and glyphosate.

Overexpression of TOLLIP Protects against Acute Kidney Injury after Paraquat Intoxication through Inhibiting NLRP3 Inflammasome Activation Modulated by Toll-Like Receptor 2/4 Signaling.

Exposure to Atrazine Induces Lung Inflammation through Nrf2-HO1 and Beclin 1/LC3 Pathways.

Glyphosate-based herbicides: Evidence of immune-endocrine alteration.

Endoplasmic reticulum stress promotes epithelial-mesenchymal transition via the PERK signaling pathway in paraquat-induced pulmonary fibrosis.

Pulmonary toxicity associated with occupational and environmental exposure to pesticides and herbicides.

Glucocorticoid with cyclophosphamide for oral paraquat poisoning.

Mendelian randomization analysis of arsenic metabolism and pulmonary function within the Hispanic Community Health Study/Study of Latinos.

Fluorfenidone attenuates paraquat-induced pulmonary fibrosis by regulating the PI3K/Akt/mTOR signaling pathway and autophagy.

The effects of carbon monoxide releasing molecules on paraquat-induced pulmonary interstitial inflammation and fibrosis.

Lipoxin A4 protects against paraquat-induced acute lung injury by inhibiting the TLR4/MyD88-mediated activation of the NF- κ B and PI3K/AKT pathways.

Aspirin eugenol ester ameliorates paraquat-induced oxidative damage through ROS/p38-MAPK-mediated mitochondrial apoptosis pathway.

Carvacrol and PPAR γ agonist, pioglitazone, affects inhaled paraquat-induced lung injury in rats.

Paraquat herbicide diminishes chemoreflex sensitivity, induces cardiac autonomic imbalance and impair cardiac function in rats.

Assessment of the impacts of glyphosate and its commercial formulation Roundup ® on the respiratory tree of the sea cucumber *Holothuria forskali* using a multivariate biomarker approach.

In vitro dosimetry analyses for acrolein exposure in normal human lung epithelial cells and human lung cancer cells.

Cardiogenic shock with first-degree heart block in a patient with glyphosate-surfactant poisoning.

A novel idea for establishing Parkinson's disease mouse model by intranasal administration of paraquat.

Pneumoperitoneum from pneumomediastinum in paraquat poisoning.

Evaluation of the potential teratogenic and toxic effect of the herbicide 2,4-D (DMA ® 806) in bullfrog embryos and tadpoles (*Lithobates catesbeianus*).

Paraquat Inhalation, a Translationally Relevant Route of Exposure: Disposition to the Brain and Male-Specific Olfactory Impairment in Mice.

Hepatotoxic Effects of Atrazine on *Clarias gariepinus* (Burchell, 1822): Biochemical and Histopathological Studies.

The use of combined high-fructose diet and glyphosate to model rats type 2 diabetes symptomatology.

Modeling paraquat-induced lung fibrosis in *C. elegans* reveals KRIT1 as a key regulator of collagen gene transcription.

Effects of subchronic exposure to environmentally relevant concentrations of the herbicide atrazine in the Neotropical fish *Astyanax altiparanae*.

Glyphosate poisoning - a case report.

The herbicide paraquat-induced molecular mechanisms in the development of acute lung injury and lung fibrosis.

Diclofenac and atrazine restrict the growth of a synchronous *Chlamydomonas reinhardtii* population via various mechanisms.

Using benchmark dose modeling for the quantitative risk assessment: Carbon nanotubes, asbestos, glyphosate.

Paraquat Poisoning in Children: A 5-Year Review.

Study on the Efficacy and Safety of Ambroxol Combined with Methylprednisolone in Patients with Acute Lung Injury.

Differences in epithelial-mesenchymal-transition in paraquat-induced pulmonary fibrosis in BALB/C and BALB/C (nu/nu) nude mice.

Digital image processing: a useful tool in the analysis of lung injuries caused by chronic inhalation of agricultural herbicides.

Identification of hub genes and key pathways of paraquat-induced human embryonic pulmonary fibrosis by bioinformatics analysis and in vitro studies.

[Two case reports: chronic obstructive pulmonary disease developed in long term survived patients after acute paraquat poisoning].

Coniferyl aldehyde alleviates LPS-induced WI-38 cell apoptosis and inflammation injury via JAK2-STAT1 pathway in acute pneumonia.

Association between pesticide exposure and colorectal cancer risk and incidence: A systematic review.

High-dose diquat poisoning: a case report.

Esophagitis dissecans superficialis associated with acute transoral paraquat poisoning: Clinical study of 15 cases.

Effect of Fluorofenidone Against Paraquat-Induced Pulmonary Fibrosis Based on Metabolomics and Network Pharmacology.

Effect and Safety of Cinnamaldehyde on Immunosuppressed Mice with Invasive Pulmonary Candidiasis.

[Progress in the study of pulmonary fibrosis signaling pathways caused by paraquat poisoning].

Association of Agricultural, Occupational, and Military Inhalants With Autoantibodies and Disease Features in US Veterans With Rheumatoid Arthritis.

[Analysis of the level of T lymphocyte subsets and the relationship with the prognosis of pulmonary fibrosis in patients with paraquat poisoning].

Thal protects against paraquat-induced lung injury through a microRNA-141/HDAC6/Î±BÎ±-NF-Î±B axis in rat and cell models.

Arenaria kansuensis attenuates pulmonary fibrosis in mice via the activation of Nrf2 pathway and the inhibition of NF-kB/TGF-beta1/Smad2/3 pathway.

[Analysis of clinical characteristics and prognostic factors in 40 cases of acute glyphosate poisoning].

Acrolein but not its metabolite, 3-Hydroxypropylmercapturic acid (3HPMA), activates vascular transient receptor potential Ankyrin-1 (TRPA1): Physiological to toxicological implications.

[The effect of diallyl sulfide on the lung tissue of rats poisoned by paraquat].

An Intensified Acrolein Exposure Can Affect Memory and Cognition in Rat.

Proximity-dependent biotinylation detects associations between SARS coronavirus nonstructural protein 1 and stress granule-associated proteins.

Arsenic-induced lung inflammation and fibrosis in a rat model: Contribution of the HMGB1/RAGE, PI3K/AKT, and TGF-Î²1/SMAD pathways.

Platelet autophagic machinery involved in thrombosis through a novel linkage of AMPK-MTOR to sphingolipid metabolism.

Potential role of dietary chitosan nanoparticles against immunosuppression, inflammation, oxidative stress, and histopathological alterations induced by pendimethalin toxicity in Nile tilapia.

Respiratory characteristics of the tammar wallaby pouch young and functional limitations in a newborn with skin gas exchange.

AMP deamination is sufficient to replicate an atrophy-like metabolic phenotype in skeletal muscle.

Prenatal exposure to arsenic and lung function in children from the New Hampshire Birth Cohort Study.

A new insight into the role of aryl hydrocarbon receptor (AhR) in the migration of glioblastoma by AhR-IL24 axis regulation.

Prenatal Molecular Hydrogen Administration Ameliorates Several Findings in Nitrofen-Induced Congenital Diaphragmatic Hernia.

Untargeted metabolomics and transcriptomics identified glutathione metabolism disturbance and PCS and TMAO as potential biomarkers for ER stress in lung.

Paraquat lung - a rare cause of diffuse parenchymal lung disease.

Skeletal myopathy in CKD: a comparison of adenine-induced nephropathy and 5/6 nephrectomy models in mice.

Regulated hypothermia in response to endotoxin in birds.

[Aryl hydrocarbon receptor modulates airway inflammation in mice with cockroach allergen-induced asthma by regulating Th17/Treg differentiation].

[Risk factors associated with acute kidney injury caused by pesticide poisoning].

COPD-derived fibroblasts secrete higher levels of senescence-associated secretory phenotype proteins.

Benzo(a)pyrene Enhanced Dermatophagoides Group 1 (Der f 1)-Induced TGF β 1 Signaling Activation Through the Aryl Hydrocarbon Receptor-RhoA Axis in Asthma.

Protective effect of toll-interacting protein overexpression against paraquat-induced lung injury in mice and A549 cells through inhibiting oxidative stress, inflammation, and NF- κ B signaling pathway.

"That's Not His Regular Formula": A Case of Organophosphate Poisoning in an Infant.

Vitamin D improves pulmonary function in a rat model for congenital diaphragmatic hernia.

Thrombolome and Its Emerging Role in Chronic Kidney Diseases.

Peripheral nerve injury in patients exposed to n-hexane: an analysis of eight cases.

Impact of congenital diaphragmatic hernia on diaphragm muscle function in neonatal rats.

Microbial metabolism of L-tyrosine protects against allergic airway inflammation.

Au doped poly-thionine and poly-m-Cresol purple: Synthesis and their application in simultaneously electrochemical detection of two lung cancer markers CEA and CYFRA21-1.

Inhibition of anti-viral stress granule formation by coronavirus endoribonuclease nsp15 ensures efficient virus replication.

Sustained high expression of NRF2 and its target genes induces dysregulation of cellular proliferation and apoptosis is associated with arsenite-induced malignant transformation of human bronchial epithelial cells.

The Aryl Hydrocarbon Receptor Attenuates Acute Cigarette Smoke-Induced Airway Neutrophilia Independent of the Dioxin Response Element.

Proportionate mortality study of unionized maintenance of way railroad workers.

Inorganic arsenic-mediated upregulation of AS3MT promotes proliferation of nonsmall cell lung cancer cells by regulating cell cycle genes.

Pbx1, Meis1, and Runx1 Expression Is Decreased in the Diaphragmatic and Pulmonary Mesenchyme of Rats with Nitrofen-Induced Congenital Diaphragmatic Hernia.

Transamniotic Stem Cell Therapy for Experimental Congenital Diaphragmatic Hernia: Structural, Transcriptional, and Cell Kinetics Analyses in the Nitrofen Model.

A prolonged exposure of human lung carcinoma epithelial cells to benzo[a]pyrene induces p21-dependent epithelial-to-mesenchymal transition (EMT)-like phenotype.

Epithelial cell-adhesion protein cadherin 26 is dysregulated in congenital diaphragmatic hernia and congenital pulmonary airway malformation.

A treatise on Organophosphate pesticide pollution: Current strategies and advancements in their environmental degradation and elimination.

A Preconception Paternal Fish Oil Diet Prevents Toxicant-Driven New Bronchopulmonary Dysplasia in Neonatal Mice.

Endogenous regulation of the Akt pathway by the aryl hydrocarbon receptor (AhR) in lung fibroblasts.

Case Report: Delayed Lung Transplantation With Intraoperative ECMO Support for Herbicide Intoxication-Related Irreversible Pulmonary Fibrosis: Strategy and Outcome.

Pulmonary histopathology in fatal paraquat poisoning.

Inhibitory effect of pirfenidone on pulmonary fibrosis in patients with acute paraquat poisoning.

Paraquat Poisoning Associated With Daisley Barton Syndrome: A Case Report.

An electrochemical immunosensor for the detection of carcinoembryonic antigen based on Au/g-C(3)N(4) NSs-modified electrode and CuCo/CNC as signal tag.

Impact of heat on biological concentrations of toluene and acetone resulting from exposure by inhalation: A pilot study.

Comparative Genotoxicity and Mutagenicity of Cigarette, Cigarillo, and Shisha Tobacco Products in Epithelial and Cardiac Cells.

Prediction of potential passive exposure from commercial electronic nicotine delivery systems using exhaled breath analysis and computational fluid dynamic techniques.

Impact of whole-body versus nose-only inhalation exposure systems on systemic, respiratory, and cardiovascular endpoints in a 2-month cigarette smoke exposure study in the ApoE(-/-) mouse model.

[Vigilance against a highly lethal insecticide chlorfenapyr poisoning (report of 4 cases and literature review)].

Rapid Glomerulotubular Nephritis as an Initial Presentation of a Lethal Diquat Ingestion.

Cimicifuga racemosa Extract Ze 450 Re-Balances Energy Metabolism and Promotes Longevity.

Curcumin pre-treatment may protect against mitochondrial damage in LRRK2-mutant Parkinson's disease and healthy control fibroblasts.

A Common Insecticide Induced-Oxidative Stress in Wistar Rats: Significance for Humans and Implications for Nutritional Modulation of Insecticide Toxicity.

Effect of paraquat on cytotoxicity involved in oxidative stress and inflammatory reaction: A review of mechanisms and ecological implications.

Colorimetry-Based Detection of Nitric Oxide from Exhaled Breath for Quantification of Oxidative Stress in Human Body.

Mechanistic Investigation of Xuebijing for Treatment of Paraquat-Induced Pulmonary Fibrosis by Metabolomics and Network Pharmacology.

Fine particulate matter air pollution and aortic perivascular adipose tissue: Oxidative stress, leptin, and vascular dysfunction.

Can kissing cause paraquat poisoning: A case report and review of literature.

The Aryl Hydrocarbon Receptor Suppresses Chronic Smoke-Induced Pulmonary Inflammation.

Assessment of the in vivo genotoxicity of pendimethalin via mitochondrial bioenergetics and transcriptional profiles during embryogenesis in zebrafish: Implication of electron transport chain activity and developmental defects.

Pharmacokinetics of 2-phenoxyethanol and its major metabolite, phenoxyacetic acid, after dermal and inhaled routes of exposure: application to development PBPK model in rats.

Crucial cytotoxic and antimicrobial activity changes driven by amount of doped silver in biocompatible carbon nitride nanosheets.

Correction to: Exposures to 2,4-Dichlorophenoxyacetic acid with or without endotoxin upregulate small cell lung cancer pathway.

Effect of exposure to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and polychlorinated biphenyls (PCBs) on mitochondrial DNA (mtDNA) copy number in rats.

Exposures to 2,4-Dichlorophenoxyacetic acid with or without endotoxin upregulate small cell lung cancer pathway.

Paraquat poisoning in Andaman and Nicobar Islands - Government must intervene.

TET-mediated DNA demethylation plays an important role in arsenic-induced HBE cells oxidative stress via regulating promoter methylation of OGG1 and GSTP1.

Lung Metabolomics Profiling of Congenital Diaphragmatic Hernia in Fetal Rats.

Opposing Effects of TGF β 2 and BMP in the Pulmonary Vasculature in Congenital Diaphragmatic Hernia.

HGF-Modified Dental Pulp Stem Cells Mitigate the Inflammatory and Fibrotic Responses in Paraquat-Induced Acute Respiratory Distress Syndrome.

Smoke Chemistry, In Vitro Cytotoxicity, and Genotoxicity Demonstrates Enhanced Toxicity of Cigarillos Compared With Cigarettes.

The Impacts of Illegal Toxic Waste Dumping on Children's Health: A Review and Case Study from Pasir Gudang, Malaysia.

Analysis of the Soil Fumigant, Dimethyl Disulfide, in Swine Blood by Dynamic Headspace Gas Chromatography-Mass Spectroscopy.

Convergent evolution of plant specialized 1,4-naphthoquinones: metabolism, trafficking, and resistance to their allelopathic effects.

WITHDRAWN: Trimethylation of H4K20 regulated by RBL1/KMT5B/E2F3 signaling pathway played a protective role in attenuating paraquat-induced acute lung injury.

Report of a Case of Paraquat Poisoning and Mediastinal Involvement.

Downregulation of epithelial DUOX1 in chronic obstructive pulmonary disease.

2,4-Dichlorophenoxyacetic Acid Poisoning Mimicking as Organophosphorus Poisoning.

Atomic structures of respiratory complex III(2), complex IV, and supercomplex III(2)-IV from vascular plants.

Protective effect of melatonin against herbicides-induced hepatotoxicity in rats.

Urinary glyphosate biomonitoring of sprayers in vegetable farm in Thailand.

Evaluation of aryl hydrocarbon receptor expression in oral squamous cell carcinoma and normal oral mucosa using western blot.

Role of epithelial-to-mesenchymal transition in the pulmonary fibrosis induced by paraquat in rats.

Liquid Biopsies in a Veteran Patient Population With Advanced Prostate and Lung Non-Small Cell Carcinomas: A New Paradigm and Unique Challenge in Personalized Medicine.

Ion transport mechanisms for smoke inhalation-injured airway epithelial barrier.

ROBO2 signaling in lung development regulates SOX2/SOX9 balance, branching morphogenesis and is dysregulated in nitrofen-induced congenital diaphragmatic hernia.

[Simultaneous determination of paraquat and diquat in plasma and urine by ion chromatography-triple quadrupole mass spectrometry].

A rabbit model for evaluating ocular damage from acrolein toxicity in vivo.

Effects of tacrolimus on the TGF β 1/SMAD signaling pathway in paraquat-exposed rat alveolar type II epithelial cells.

Reduction by, ligand exchange among, and covalent binding to glutathione and cellular thiols link metabolism and disposition of dietary arsenic species with toxicity.

Acrolein in cigarette smoke attenuates the innate immune responses mediated by surfactant protein D.

Toxicological impacts of herbicide paraquat dichloride on histological profile (gills, liver, and kidney) of freshwater fish *Channa punctatus* (Bloch).

Evaluation of modes of action of pesticides to *Daphnia magna* based on QSAR, excess toxicity and critical body residues.

Paraquat induces pulmonary fibrosis through Wnt/ β -catenin signaling pathway and myofibroblast differentiation.

FoxF1 protects rats from paraquat-evoked lung injury following HDAC2 inhibition via the microRNA-342/KLF5/ β -catenin/NF- κ B p65 axis.

Imrecoxib Inhibits Paraquat-Induced Pulmonary Fibrosis through the NF- κ B/Snail Signaling Pathway.

The multiplex interactions and molecular mechanism on genotoxicity induced by formaldehyde and acrolein mixtures on human bronchial epithelial BEAS-2B cells.

The scavenging capacity of \hat{I}^3 -aminobutyric acid for acrolein and the cytotoxicity of the formed adduct.

The PARK2 Mutation Associated with Parkinson's Disease Enhances the Vulnerability of Peripheral Blood Lymphocytes to Paraquat.

Hematological and immunological responses in the African catfish *Clarias gairepinus* exposed to sublethal concentrations of herbicide Ronstar[®].

Role of the Hippo signaling pathway in safflower yellow pigment treatment of paraquat-induced pulmonary fibrosis.

Depletion of NK cells attenuates paraquat-induced acute lung injury by manipulating macrophage polarization.

Orthotopic foetal lung tissue direct injection into lung showed a preventive effect against paraquat-induced acute lung injury in mice.

Albumin Protects Lung Cells against Acrolein Cytotoxicity and Acrolein-Adducted Albumin Increases Heme Oxygenase 1 Transcripts.

Combined signaling of NF-kappaB and IL-17 contributes to Mesenchymal stem cells-mediated protection for Paraquat-induced acute lung injury.

The MUC5B Mucin Is Involved in Paraquat-Induced Lung Inflammation.

Evaluation of buccal damage associated with acute inhalation exposure to 2,4-dichlorophenoxyacetic acid (2,4-D) in mice.

Influence of strengthened hemoperfusion combined with continuous venovenous hemofiltration on prognosis of patients with acute paraquat poisoning: SHP+CVVH improve prognosis of acute PQ patients.

[Treatment of "hydration therapy" for acute paraquat poisoning].

Link between increased cellular senescence and extracellular matrix changes in COPD.

Exploration of therapeutic role of montelukast and dexamethasone combination against paraquat induced inhalational toxicity.

[Clinical analysis of 15 cases of acute glufosinate poisoning].

[Effect of bone marrow mesenchymal stem cells on paraquat-induced pulmonary fibrosis in rats].

[The expression of Nrf2 in the lung tissue of rats with acute diquat poisoning and the distribution of diquat in lungs].

Effects of cinnamaldehyde on anti-respiratory syncytial virus: A protocol of systematic review and meta-analysis.

Dynamic assessment of lung injury by ultrasound in patients with acute paraquat poisoning.

Adjuvant contributes Roundup's unexpected effects on A549 cells.

[One case successfully rescued acute poisoning caused by misadministration of large amount of glufosinate].

Formation of di-cysteine acrolein adduct decreases cytotoxicity of acrolein by ROS alleviation and apoptosis intervention.

Cyclosporine attenuates Paraquat-induced mitophagy and pulmonary fibrosis.

Where ferroptosis inhibitors and paraquat detoxification mechanisms intersect, exploring possible treatment strategies.

Pesticide exposure and lung function: a systematic review and meta-analysis.

Dimethylarsinic acid (DMA) enhanced lung carcinogenesis via histone H3K9 modification in a transplacental mouse model.

Increased severity associated with tallowamine in acute glyphosate poisoning.

[CT manifestations and prognosis of acute paraquat induced lung injury].

Glyphosate-based herbicide impairs energy metabolism and increases autophagy in C6 astrogloma cell line.

Human amniotic mesenchymal stem cells alleviate paraquat-induced pulmonary fibrosis in rats by inhibiting the inflammatory response.

Toxicology of paraquat and pharmacology of the protective effect of 5-hydroxy-1-methylhydantoin on lung injury caused by paraquat based on metabolomics.

Chronic pesticide mixture exposure including paraquat and respiratory outcomes among Colombian farmers.

MiR-130a-5p/Foxa2 axis modulates fetal lung development in congenital diaphragmatic hernia by activating the Shh/Gli1 signaling pathway.

Continuous hemoperfusion relieves pulmonary fibrosis in patients with acute mild and moderate paraquat poisoning.

Analysis of microRNA expression profiling during paraquat-induced injury of murine lung alveolar epithelial cells.

Amelioration of paraquat-induced pulmonary fibrosis in mice by regulating miR-140-5p expression with the fibrogenic inhibitor Xuebijing.

Protective Effects of Cinnamaldehyde against Mesenteric Ischemia-Reperfusion-Induced Lung and Liver Injuries in Rats.

Pathological Role of Unsaturated Aldehyde Acrolein in Diabetic Retinopathy.

Analysis of Acrolein Exposure Induced Pulmonary Response in Seven Inbred Mouse Strains and Human Primary Bronchial Epithelial Cells Cultured at Air-Liquid Interface.

Inhibition of TBK1 by amlexanox attenuates paraquat-induced acute lung injury.

Combination Therapy with Cinnamaldehyde and Hyperthermia Induces Apoptosis of A549 Non-Small Cell Lung Carcinoma Cells via Regulation of Reactive Oxygen Species and Mitogen-Activated Protein Kinase Family.

Dicamba use and cancer incidence in the agricultural health study: an updated analysis.

[Therapeutic effect of cinnamaldehyde on ulcerative colitis in mice induced by dextran sulfate sodium with *Candida albicans* colonization and its effect on dectin-1/TLRs/NF- κ B signaling pathway].

Klotho Alleviates Lung Injury Caused by Paraquat via Suppressing ROS/P38 MAPK-Regulated Inflammatory Responses and Apoptosis.

Protective effects of Alda-1, an ALDH2 activator, on alcohol-derived DNA damage in the esophagus of human ALDH2*2 (Glu504Lys) knock-in mice.

[Hydrogen water alleviates paraquat-induced lung fibroblast injury in vitro by enhancing Nrf2 expression].

trans-Cinnamaldehyde Prevents Oxidative Stress-Induced Apoptosis in V79-4 Chinese Hamster Lung Fibroblasts through the Nrf2-Mediated HO-1 Activation.

Cinnamon extract inhibits allergen-specific immune responses in human and murine allergy models.

A retrospective analysis reveals a predictor of survival for the patient with paraquat intoxication.

Metabolic profiling of rats poisoned with paraquat and treated with Xuebijing using a UPLC-QTOF-MS/MS metabolomics approach.

Understanding the Functional Impact of VOC-Ozone Mixtures on the Chemistry of RNA in Epithelial Lung Cells.

[Efficacy of hemoperfusion combined with continuous veno-venous hemofiltration on the treatment of paraquat poisoning: a Meta-analysis].

Transient receptor potential ankyrin-1 causes rapid bronchodilation via nonepithelial PGE(2).

Acrolein, e-cigarettes, and pulmonary and vascular damage.

Combined cell death of co-exposure to aldehyde mixtures on human bronchial epithelial BEAS-2B cells: Molecular insights into the joint action.

Rapamycin attenuates the paraquat-induced pulmonary fibrosis through activating Nrf2 pathway.

miR-200 family expression during normal and abnormal lung development due to congenital diaphragmatic hernia at the later embryonic stage in the nitrofen rat model.

Evaluation of the effectiveness of valproic acid for treating cyanotic breath holding spells: A Pilot prospective study.

The joint effect of ambient air pollution and agricultural pesticide exposures on lung function among children with asthma.

Metabolic and Hematological Responses to Endotoxin-Induced Inflammation in Chicks Experiencing Embryonic 2,3,7,8-Tetrachlorodibenzodioxin Exposure.

Methyl-bromide and asthma emergency department visits in California, USA from 2005 to 2011.

High-Resolution Respirometry Reveals MPP(+) Mitochondrial Toxicity Mechanism in a Cellular Model of Parkinson's Disease.

Autophagy mediates bronchial cell malignant transformation induced by chronic arsenic exposure via MEK/ERK1/2 pathway.

Impact of environmental exposure to persistent organic pollutants on lung cancer risk.

Extracellular vesicles influence the pulmonary arterial extracellular matrix in congenital diaphragmatic hernia.

Cancer incidence in the vicinity of a waste incineration plant in the Nice area between 2005 and 2014.

Single-cell RNA-seq Analysis Reveals That Prenatal Arsenic Exposure Results in Long-term, Adverse Effects on Immune Gene Expression in Response to Influenza A Infection.

Extracellular Vesicles Attenuate Nitrofen-Mediated Human Pulmonary Artery Endothelial Dysfunction: Implications for Congenital Diaphragmatic Hernia.

Environmental Toxic Exposures Using Companion Animals as an Indicator of Human Toxicity: A Case Report and Discussion.

Overexpression of miR-455-5p affects retinol (vitamin A) absorption by downregulating STRA6 in a nitrofen-induced CDH with lung hypoplasia rat model.

Small molecule proteomics quantifies differences between normal and fibrotic pulmonary extracellular matrices.

Aryl Hydrocarbon Receptor-Dependent inductions of omega-3 and omega-6 polyunsaturated fatty acid metabolism act inversely on tumor progression.

Arsenic and benzo[a]pyrene co-exposure acts synergistically in inducing cancer stem cell-like property and tumorigenesis by epigenetically down-regulating SOCS3 expression.

Embelin impact on paraquat-induced lung injury through suppressing oxidative stress, inflammatory cascade, and MAPK/NF- κ B signaling pathway.

Nicotine exposure potentiates lung tumorigenesis by perturbing cellular surveillance.

Congenital diaphragmatic hernia as a potential target for transamniotic stem cell therapy.

Acute occupational phosphine intoxications in the maritime shipping sector: Belgian and French reported cases.

Tandem mass tag (TMT) proteomic analysis of fetal lungs revealed differential expression of tight junction proteins in a rat model of congenital diaphragmatic hernia.

Procyanidin B2 Suppresses Lipopolysaccharides-Induced Inflammation and Apoptosis in Human Type II Alveolar Epithelial Cells and Lung Fibroblasts.

Understanding skin absorption of common aldehyde vapours from exposure during hazardous material incidents.

Is the skin an important exposure route for workers during cyanogen fumigation?

Lung surfactant monolayer - A good natural barrier against dibenzo-p-dioxins.

Naturally-derived diterpenoid sphaeropsidin C as an activator of Nrf2/ARE pathway and its potential capability of relieving intracellular oxidative stress in human lung epithelial cells.

Transient receptor potential ankyrin 1 (TRPA1)-mediated toxicity: friend or foe?

Pesticide exposure and lung cancer risk: A case-control study in Nakhon Sawan, Thailand.

Hepato-Genoprotective Activities of Methanol Extract of The Stem Bark of *Adansonia Digitata* LINN. In Wistar Rats Challenged with Sodium Arsenite.

[The role of noninvasive hemodynamic monitoring in the evaluation of acute and severe pesticide poisoning].

Arctigenin Suppressed Epithelial-Mesenchymal Transition Through Wnt3a/ β -Catenin Pathway in PQ-Induced Pulmonary Fibrosis.

The Metabolomics of Childhood Atopic Diseases: A Comprehensive Pathway-Specific Review.

A Case of Paraquat Poisoning Presenting With Spontaneous Pneumothorax and Pneumomediastinum.

In Vitro and In Vivo Inhibitory Effect of Citrus Junos Tanaka Peel Extract against Oxidative Stress-Induced Apoptotic Death of Lung Cells.

Telomeric injury by KML001 in human T cells induces mitochondrial dysfunction through the p53-PGC-1 β pathway.

Oral mucosa changes associated with chronic oral and inhalation exposure to 2,4-dichlorophenoxyacetic acid (2,4-D) in Wistar rats.

Telomeres as targets for the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and polychlorinated biphenyls (PCBs) in rats.

Heat-not-burn tobacco products: an emerging threat to cardiovascular health.

Genome-scale metabolic modeling of *Acetobacter pasteurianus* 386B reveals its metabolic adaptation to cocoa fermentation conditions.

Development of an in vitro approach to point-of-contact inhalation toxicity testing of volatile compounds, using organotypic culture and air-liquid interface exposure.

Sub-ohm vaping increases the levels of carbonyls, is cytotoxic, and alters gene expression in human bronchial epithelial cells exposed at the air-liquid interface.

E-cigarette use behaviors and device characteristics of daily exclusive e-cigarette users in Maryland: Implications for product toxicity.

Analysis of urinary VOCs using mass spectrometric methods to diagnose cancer: A review.

Tissue- and Region-Specific Accumulation of Arsenic Species, Especially in the Brain of Mice, After Long-term Arsenite Exposure in Drinking Water.

Aspirin Eugenol Ester Attenuates Paraquat-Induced Hepatotoxicity by Inhibiting Oxidative Stress.

Impact of Atomizer Age and Flavor on In Vitro Toxicity of Aerosols from a Third-Generation Electronic Cigarette against Human Oral Cells.

Continuous, Automated Breathing Rate and Body Motion Monitoring of Rats With Paraquat-Induced Progressive Lung Injury.

Behavioral Tests in Neurotoxin-Induced Animal Models of Parkinson's Disease.

Comparison of the basic morphology and function of 3D lung epithelial cultures derived from several donors.

Chronic and acute arsenic exposure enhance EGFR expression via distinct molecular mechanisms.

Adverse effects of pesticides on the functions of immune system.

Course of matrix metalloproteinase-1 and pulmonary oxygenation in acute respiratory distress syndrome caused by oral ingestion of large doses of oxadiazon/butachlor emulsion: a case report.

Peptide Methionine Sulfoxide Reductase from *Haemophilus influenzae* Is Required for Protection against HOCl and Affects the Host Response to Infection.

Short-term e-cigarette vapour exposure causes vascular oxidative stress and dysfunction: evidence for a close connection to brain damage and a key role of the phagocytic NADPH oxidase (NOX-2).

In-vitro antioxidant, antimutagenic and cancer cell growth inhibition activities of *Rhododendron arboreum* leaves and flowers.

Review of Health Consequences of Electronic Cigarettes and the Outbreak of Electronic Cigarette, or Vaping, Product Use-Associated Lung Injury.

Pharmacological inhibition of lipid peroxidative damage by the 21-aminosteroid U-74389G improves cortical mitochondrial function following traumatic brain injury in young adult male rats.

Complex Regulatory Role of the TRPA1 Receptor in Acute and Chronic Airway Inflammation Mouse Models.

Polydatin relieves paraquat-induced human MRC-5 fibroblast injury through inhibiting the activation of the NLRP3 inflammasome.

A Comparative Study of the Action of Protonophore Uncouplers and Decoupling Agents as Inducers of Free Respiration in Mitochondria in States 3 and 4: Theoretical and Experimental Approaches.

Cytoprotection, Genoprotection, and Dermal Exposure Assessment of Chitosan-Based Agronanofungicides.

Arsenic represses airway epithelial mucin expression by affecting retinoic acid signaling pathway.

Arsenic species in electronic cigarettes: Determination and potential health risk.

Decreased Glucose Utilization Contributes to Memory Impairment in Patients with Glufosinate Ammonium Intoxication.

Ferrous Sulfate-Induced Esophageal Injury Leading to Esophagitis Dissecans Superficialis.

Sarcoidosis: Causes, Diagnosis, Clinical Features, and Treatments.

Chronic exposure to arsenite enhances influenza virus infection in cultured cells.

Role of the MAPK pathway in human lung epithelial-like A549 cells apoptosis induced by paraquat.

High-Sensitivity Detection of the Lung Cancer Biomarker CYFRA21-1 in Serum Samples Using a Carboxyl-MoS(2) Functional Film for SPR-Based Immunosensors.

Paraquat Poisoning: A Retrospective Study of 55 Patients From a Tertiary Care Center in Southern India.

Effect of cAMP Receptor Protein Gene on Growth Characteristics and Stress Resistance of *Haemophilus parasuis* Serovar 5.

High resolution respirometry to assess function of mitochondria in native homogenates of human heart muscle.

Intra-Amniotic Sildenafil Treatment Promotes Lung Growth and Attenuates Vascular Remodeling in an Experimental Model of Congenital Diaphragmatic Hernia.

Acute obstructive fibrinous laryngotracheobronchitis induced by severe glyphosate surfactant intoxication: A case report.

Effect of antenatal tetramethylpyrazine on lung development and YAP expression in rat model of experimental congenital diaphragmatic hernia.

Diosmin ameliorative effects on oxidative stress and fibrosis in paraquat-induced lung injury in mice.

Impact of electronic cigarette heating coil resistance on the production of reactive carbonyls, reactive oxygen species and induction of cytotoxicity in human lung cancer cells in vitro.

Curcumin relieves paraquat-induced lung injury through inhibiting the thioredoxin interacting protein/NLR pyrin domain containing 3-mediated inflammatory pathway.

Ventilator settings and outcome of respiratory failure in paraquat-induced pulmonary injury.

[Xuebijing improves clinical prognosis and reduces mortality in patients with acute paraquat poisoning: a Meta-analysis included 1 429 patients].

Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels.

Metformin Activates the Protective Effects of the AMPK Pathway in Acute Lung Injury Caused by Paraquat Poisoning.

Effects of 2,4-D-based herbicide (DMA® 806) on sensitivity, respiration rates, energy reserves and behavior of tadpoles.

Ghrelin ameliorates A549 cell apoptosis caused by paraquat via p38-MAPK regulated mitochondrial apoptotic pathway.

Protective mechanism of 1-methylhydantoin against lung injury induced by paraquat poisoning.

Comparison of four pharmacological strategies aimed to prevent the lung inflammation and paraquat-induced alveolar damage.

Ameliorative role of aspirin in paraquat-induced lung toxicity via mitochondrial mechanisms.

Effect of endoplasmic reticulum calcium on paraquat-induced apoptosis of human lung type II alveolar epithelial A549 cells.

Roundup® confers cytotoxicity through DNA damage and Mitochondria-Associated apoptosis induction.

Determination of LC₅₀ of aerosolized paraquat and its pulmonary toxic implications in non-anesthetized rats.

Spirometric Pulmonary Restriction in Herbicide-Exposed U.S. Vietnam War Veterans.

[Protective effects of oligomeric proanthocyanidins in mice exposed to paraquat].

[Experience of continuous fluid therapy in successfully rescuing a patient with acute severe paraquat poisoning].

Reduning injection ameliorates paraquat-induced acute lung injury by regulating AMPK/MAPK/NF- κ B signaling.

Surgical treatment of pyloric stenosis caused by glyphosate poisoning: A case report.

Systematic review and meta-analysis of the efficacy and safety of immunosuppressive pulse therapy in the treatment of paraquat poisoning.

Combined cytotoxicity of co-exposure to aldehyde mixtures on human bronchial epithelial BEAS-2B cells.

Beclin 1, LC3, and p62 expression in paraquat-induced pulmonary fibrosis.

Inhibition of mesenchymal stromal cells' chemotactic effect to ameliorate paraquat-induced pulmonary fibrosis.

[Establishment and evaluation of acute diquat poisoning model in Wistar rats].

[Doxycycline inhibits paraquat-induced pulmonary fibrosis via TGF- β 1/Smad pathway].

The significance of serum HMGB1 level in humans with acute paraquat poisoning.

Rosiglitazone attenuates paraquat-induced lung fibrosis in rats in a PPAR gamma-dependent manner.

Retrospective study of clinical features and prognosis of edaravone in the treatment of paraquat poisoning.

Acrolein Is Involved in the Synergistic Potential of Cigarette Smoking- and Betel Quid Chewing-Related Human Oral Cancer.

Pulmonary Tumor Thrombotic Microangiopathy Mimicking Inhalation Lung Injury.

Homicidal Paraquat Poisoning.

The Alexipharmic Mechanisms of Five Licorice Ingredients Involved in CYP450 and Nrf2 Pathways in Paraquat-Induced Mice Acute Lung Injury.

[Lung transplantation in patients with paraquat poisoning: a case report and literature review].

Melittin Exerts Beneficial Effects on Paraquat-Induced Lung Injuries In Mice by Modifying Oxidative Stress and Apoptosis.

Mesenchymal Stem Cells Alleviate Acute Lung Injury and Inflammatory Responses Induced by Paraquat Poisoning.

What'S New in Shock, April 2019?

Role of bone marrow mesenchymal stem cells in the development of PQ-induced pulmonary fibrosis.

High-Dose Paraquat Induces Human Bronchial 16HBE Cell Death and Aggravates Acute Lung Intoxication in Mice by Regulating Keap1/p65/Nrf2 Signal Pathway.

Use of qSOFA Score in Predicting the Outcomes of Patients With Glyphosate Surfactant Herbicide Poisoning Immediately Upon Arrival at the Emergency Department.

Intra-abdominal follicular lymphoma masquerading as severe cardiopulmonary disease in a Vietnam War veteran exposed to agent orange.

Cellular uptake of paraquat determines subsequent toxicity including mitochondrial damage in lung epithelial cells.

Hydrogen sulfide attenuates paraquat-induced epithelial-mesenchymal transition of human alveolar epithelial cells through regulating transforming growth factor- β 1/Smad2/3 signaling pathway.

High concentrations of flavor chemicals are present in electronic cigarette refill fluids.

Alleviation of paraquat-induced oxidative lung injury by betaine via regulation of sulfur-containing amino acid metabolism despite the lack of betaine-homocysteine methyltransferase (BHMT) in the lung.

Analysis of Acrolein-Derived 1, N(2)-Propanodeoxyguanosine Adducts in Human Lung DNA from Smokers and Nonsmokers.

Ligustrazin increases lung cell autophagy and ameliorates paraquat-induced pulmonary fibrosis by inhibiting PI3K/Akt/mTOR and hedgehog signalling via increasing miR-193a expression.

[Clinical effect of haemoperfusion combined with continuous veno-veno haemofiltration in treatment of paraquat poisoning: a Meta-analysis].

Successful extracorporeal membrane oxygenation support for severe acute diquat and glyphosate poisoning: A case report.

Aspirin-triggered resolvin D1 alleviates paraquat-induced acute lung injury in mice.

Increased 90-Day Mortality in Spontaneously Breathing Patients With Paraquat Poisoning: In Addition to Disease Severity, Lung Strain May Play a Role.

Claudins, VEGF, Nrf2, Keap1, and Nonspecific Airway Hyper-Responsivity Are Increased in Mice Co-Exposed to Allergen and Acrolein.

Protective Effect of Taurine on Paraquat-Induced Lung Epithelial Cell Injury.

Neuroprotective action of Eicosapentaenoic (EPA) and Docosahexaenoic (DHA) acids on Paraquat intoxication in *Drosophila melanogaster*.

Real-time CO₂ uptake/emission measurements as a tool for early indication of toxicity in Lemna-tests.

Oxadiazon affects the expression and activity of aldehyde dehydrogenase and acylphosphatase in human striatal precursor cells: A possible role in neurotoxicity.

Vaporized E-Cigarette Liquids Induce Ion Transport Dysfunction in Airway Epithelia.

The relationship between acrolein and oxidative stress in COPD: in systemic plasma and in local lung tissue.

Doxycycline alleviates paraquat-induced acute lung injury by inhibiting neutrophil-derived matrix metalloproteinase 9.

Protective effects of febuxostat against paraquat-induced lung toxicity in rats: Impact on RAGE/PI3K/Akt pathway and downstream inflammatory cascades.

Inhibition of the Nrf2/HO-1 Axis Suppresses the Mitochondria-Related Protection Promoted by Gastrodin in Human Neuroblastoma Cells Exposed to Paraquat.

Valuable Lung Injury Lessons From a Little Known Disease.

Mitochondrial superoxide generation induces a parkinsonian phenotype in zebrafish and huntingtin aggregation in human cells.

Response of DNA damage genes in acrolein-treated lung adenocarcinoma cells.

Mitochondrial Oxidative Stress Impairs Energy Metabolism and Reduces Stress Resistance and Longevity of *C. elegans*.

Amino Acid Biosynthetic Pathways Are Required for *Klebsiella pneumoniae* Growth in Immunocompromised Lungs and Are Druggable Targets during Infection.

Metabolism and disposition of arsenic species from controlled dosing with dimethylarsinic acid (DMA(V)) in adult female CD-1 mice. V. Toxicokinetic studies following oral and intravenous administration.

Common E-Cigarette Flavoring Chemicals Impair Neutrophil Phagocytosis and Oxidative Burst.

Chlorogenic acid prevents paraquat-induced apoptosis via Sirt1-mediated regulation of redox and mitochondrial function.

Cinnamaldehyde in flavored e-cigarette liquids temporarily suppresses bronchial epithelial cell ciliary motility by dysregulation of mitochondrial function.

Lignan and flavonoid support the prevention of cinnamon against oxidative stress related diseases.

[Brain abscess revealing trilogy of Fallot in a child: about a case at the University Teaching Hospital of Parakou, Benin].

First steps in the development of a liquid biopsy in situ hybridization protocol to determine circular RNA biomarkers in rat biofluids.

An intra-amniotic injection of mesenchymal stem cells promotes lung maturity in a rat congenital diaphragmatic hernia model.

NLRX1 Regulation Following Acute Mitochondrial Injury.

Radiomics Nomogram Analyses for Differentiating Pneumonia and Acute Paraquat Lung Injury.

Tissue-Specific Peculiarities of Vibration-Induced Hypoxia in Rabbit Liver and Kidney.

Gene expression and DNA methylation regulation of arsenic in mouse bladder tissues and in human urothelial cells.

Food as medicine: Selenium enriched lentils offer relief against chronic arsenic poisoning in Bangladesh.

Novel diterpenoid-type activators of the Keap1/Nrf2/ARE signaling pathway and their regulation of redox homeostasis.

Interleukin 33 Expression Induced by Aryl Hydrocarbon Receptor in Macrophages.

Genome-Wide Transcriptional Analysis Reveals Novel AhR Targets That Regulate Dendritic Cell Function during Influenza A Virus Infection.

Pulmonary hypertension secondary to congenital diaphragmatic hernia: factors and pathways involved in pulmonary vascular remodeling.

Prenatal microRNA miR-200b Therapy Improves Nitrofen-induced Pulmonary Hypoplasia Associated With Congenital Diaphragmatic Hernia.

The proportion of alveolar type 1 cells decreases in murine hypoplastic congenital diaphragmatic hernia lungs.

Respiratory analysis as a tool to detect physiological changes in Anisakis larvae subjected to stress.

Mangiferin alleviates arsenic induced oxidative lung injury via upregulation of the Nrf2-HO1 axis.

MIF inhibition enhances pulmonary angiogenesis and lung development in congenital diaphragmatic hernia.

Crizotinib-induced erosive esophagitis in a pediatric patient with neuroblastoma.

[Mortality in the population surrounding an aluminum foundry in Eastern Piedmont, Italy, 1980-2017].

Sodium azide induces mitochondria-mediated apoptosis in PC12 cells through Pgc1 α -associated signaling pathway.

Urinary 2,5-dichlorophenol and 2,4-dichlorophenol concentrations and prevalent disease among adults in the National Health and Nutrition Examination Survey (NHANES).

Enhanced PAPSS2/VCAN sulfation axis is essential for Snail-mediated breast cancer cell migration and metastasis.

Expression of Nitric Oxide Synthase Interacting Protein (NOSIP) is Decreased in the Pulmonary Vasculature of Nitrofen-Induced Congenital Diaphragmatic Hernia.

Ephrin-B1, -B2, and -B4 Expression is Decreased in Developing Diaphragms and Lungs of Fetal Rats with Nitrofen-Induced Congenital Diaphragmatic Hernia.

Thermographic evaluation of experimental pleurisy induced by carrageenan and modified by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Role of mitochondrial DNA in oxidative damage induced by sodium arsenite in human bronchial epithelial cells.

Sodium Arsenite Inhibits Lung Fibroblast Differentiation and Pulmonary Fibrosis.

Depressed prostaglandins and leukotrienes in veterans with Gulf War illness.

High Pesticide Exposure Events and Olfactory Impairment among U.S. Farmers.

Endoplasmic reticulum stress response is activated in pulmonary hypoplasia secondary to congenital diaphragmatic hernia, but is decreased by administration of amniotic fluid stem cells.

Assessment of the nitrofen model of congenital diaphragmatic hernia and of the dysregulated factors involved in pulmonary hypoplasia.

Expression of dispatched RND transporter family member 1 is decreased in the diaphragmatic and pulmonary mesenchyme of nitrofen-induced congenital diaphragmatic hernia.

Effects of Simvastatin on Fetal Cardiac Impairment in the Diaphragmatic Experimental Hernia Model.

Modifications of the Aerobic Respiratory Chain of Paracoccus Denitrificans in Response to Superoxide Oxidative Stress.

Paraquat: The Poison Potion.

Exposure to Heptachlorodibenzo-p-dioxin (HpCDD) Regulates microRNA Expression in Human Lung Fibroblasts.

Associations of Benzo(ghi)perylene and Heptachlorodibenzo-p-dioxin in Serum of Service Personnel Deployed to Balad, Iraq, and Bagram, Afghanistan Correlates With Perturbed Amino Acid Metabolism in Human Lung Fibroblasts.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Disrupts Control of Cell Proliferation and Apoptosis in a Human Model of Adult Liver Progenitors.

Prometryn induces apoptotic cell death through cell cycle arrest and oxidative DNA damage.

Activation of cannabinoid receptor type 2 reduces lung ischemia reperfusion injury through PI3K/Akt pathway.

Metabolism and disposition of arsenic species from controlled dosing with sodium arsenite in adult and neonatal rhesus monkeys. VI. Toxicokinetic studies following oral administration.

The Customizable E-cigarette Resistance Influences Toxicological Outcomes: Lung Degeneration, Inflammation, and Oxidative Stress-Induced in a Rat Model.

Botrysin D attenuates arsenic-induced oxidative stress in human lung epithelial cells via activating Nrf2/ARE signaling pathways.

AhR Activation by TCDD (2,3,7,8-Tetrachlorodibenzo-p-dioxin) Attenuates Pertussis Toxin-Induced Inflammatory Responses by Differential Regulation of Tregs and Th17 Cells Through Specific Targeting by microRNA.

Clinical Features, Treatment, Prognosis, and Mortality in Paraquat Poisonings: A Hospital-Based Study in Iran.

Effectiveness of Iron Therapy on Breath Holding Spells in the Children.

Energy Metabolism and Redox State in Brains of Wistar Audiogenic Rats, a Genetic Model of Epilepsy.

Aerobic respiration: proof of concept for the oxygen-centric murruburn perspective.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced aryl hydrocarbon receptor activation enhanced the suppressive function of mesenchymal stem cells against splenocyte proliferation.

Severe ARDS Complicating an Acute Intentional Cresol Poisoning.

Exposure to environmental toxicants reduces global N6-methyladenosine RNA methylation and alters expression of RNA methylation modulator genes.

Bis-cations with two 2,3-diferrocenylcyclopropenium fragments stabilized with diamino-alkanes: Synthesis and cytotoxic activity.

Down-regulation of the inflammatory response after short-term exposure to low levels of chemical vapours.

The protective effects of bone mesenchymal stem cells on paraquat-induced acute lung injury via the muc5b and ERK/MAPK signaling pathways.

Review of a Case of Paraquat Poisoning in a Tertiary Care Rural-based ICU.

Pollutants released from the pulp paper industry: Aquatic toxicity and their health hazards.

Effects of curcumin on artery blood gas index of rats with pulmonary fibrosis caused by paraquat poisoning and the expression of Smad 4, Smurf 2, interleukin-4 and interferon- γ .

The Health Risks of Electronic Cigarette Use to Bystanders.

Immunomodulatory effects of synthetic endocrine disrupting chemicals on the development and functions of human immune cells.

The Differential Expression of Mitochondrial Function-Associated Proteins and Antioxidant Enzymes during Bovine Herpesvirus 1 Infection: A Potential Mechanism for Virus Infection-Induced Oxidative Mitochondrial Dysfunction.

An isopentenyl-substituted flavonoid norartocarpin activates Nrf2 signalling pathway and prevents oxidative insults in human lung epithelial cells.

Inhalation bioaccessibility of PAHs in PM(2.5): Implications for risk assessment and toxicity prediction.

Chronic low dose arsenic exposure preferentially perturbs mitotic phase of the cell cycle.

Nrf2 overexpression protects against paraquat-induced A549 cell injury primarily by upregulating P-glycoprotein and reducing intracellular paraquat accumulation.

Lung injury from inhaling butane hash oil mimics pneumonia.

Toxicological evaluation of the herbicide Palace[®] in *Drosophila melanogaster*.

RESPIRATORY IMPACT OF ELECTRONIC CIGARETTES AND "LOW-RISK" TOBACCO.

[Exploration about the protection mechanism of 5-hydroxy-1-methylhydantoin on paraquat poisoning model].

Pneumomediastinum caused by occult paraquat poisoning: Case report.

Apigenin reverses lung injury and immunotoxicity in paraquat-treated mice.

Protective effects of SOD2 overexpression in human umbilical cord mesenchymal stem cells on lung injury induced by acute paraquat poisoning in rats.

Evaluating Mode of Action of Acrolein Toxicity in an In Vitro Human Airway Tissue Model.

Involvement of PINK1/Parkin-mediated mitophagy in paraquat- induced apoptosis in human lung epithelial-like A549 cells.

Atorvastatin attenuates paraquat poisoning-induced epithelial-mesenchymal transition via downregulating hypoxia-inducible factor-1 alpha.

Beneficial effects of ascorbic acid to treat lung fibrosis induced by paraquat.

Exploring the potential benefit of natural product extracts in paraquat toxicity.

Effects of the herbicide Roundup[®] on the metabolic activity of *Gammarus fossarum* Koch, 1836 (Crustacea; Amphipoda).

Paraquat poisoning in Western French Guyana: a public health problem persisting ten years after its withdrawal from the French market.

Procyanidin B2 protects rats from paraquat-induced acute lung injury by inhibiting NLRP3 inflammasome activation.

[The Role of TSP-1-CD47 in ROS-mediated Pulmonary Fibrosis Induced by Paraquat].

Vitamin D treatment abrogates the inflammatory response in paraquat-induced lung fibrosis.

Tanshinone IIA attenuates paraquat-induced acute lung injury by modulating angiotensin-converting enzyme 2/angiotensin(1-7) in rats.

Atrazine promotes immunomodulation by melanomacrophage centre alterations in spleen and vascular disorders in gills from *Oreochromis niloticus*.

Naringin protects acrolein-induced pulmonary injuries through modulating apoptotic signaling and inflammation signaling pathways in mice.

[Role of MAPK signaling pathway in epithelial-mesenchymal transition of type II alveolar epithelial cells induced by Paraquat].

A new sight for paraquat poisoning from immunology.

High-dose acute exposure of paraquat induces injuries of swim bladder, gastrointestinal tract and liver via neutrophil-mediated ROS in zebrafish and their relevance for human health risk assessment.

[The effects of Xuebijing injection on apoptosis and expression of regulatory factors TNF- α , NF- κ B and Caspase-3 expression in the lung tissues of acute paraquat-induced rats].

[Acute pulmonary fibrosis associated with Paraquat poisoning. Report of one case].

Effects of glyphosate and its commercial formulation, Roundup(®) Ultramax, on liver histology of tadpoles of the neotropical frog, *Leptodactylus latrans* (amphibia: Anura).

Paraquat induced acute kidney injury and lung fibrosis: a case report from Bangladesh.

Analytical and toxicological evaluation of flavor chemicals in electronic cigarette refill fluids.

[The anti-inflammatory effect of hesperetin on lung damage induced by paraquat in rats].

[The effect of pulmonary injury in rats induced by paraquat].

Mitochondrial oxidative stress causes insulin resistance without disrupting oxidative phosphorylation.

Treatment of Paraquat-Induced Lung Injury With an Anti-C5a Antibody: Potential Clinical Application.

Patients with mild paraquat poisoning treated with prolonged low-dose methylprednisolone have better lung function: A retrospective analysis.

Is endotracheal intubation a non-beneficial treatment in patients with respiratory failure due to paraquat poisoning?

Mesenchymal stem cell therapy for paraquat poisoning: A systematic review and meta-analysis of preclinical studies.

Acrolein Exposure in Hookah Smokers and Non-Smokers Exposed to Hookah Tobacco Secondhand Smoke: Implications for Regulating Hookah Tobacco Products.

A new cell culture exposure system for studying the toxicity of volatile chemicals at the air-liquid interface.

[Effect of sucralfate on cytokines in rat with paraquat poisoning].

In vitro genotoxicity assessment of dinitroaniline herbicides pendimethalin and trifluralin.

Triptolide suppresses paraquat induced idiopathic pulmonary fibrosis by inhibiting TGF β 1-dependent epithelial mesenchymal transition.

Prognostic comparison of goal-oriented hemoperfusion and routine hemoperfusion combined with continuous venovenous hemofiltration for paraquat poisoning.

Methemoglobinemia Following Monolinuron Ingestion: A Case Report in a Child.

Ratio of Injured Lung Volume Fraction in Prognosis Evaluation of Acute PQ Poisoning.

Pirfenidone protects against paraquat-induced lung injury and fibrosis in mice by modulation of inflammation, oxidative stress, and gene expression.

Eukaryotic translation initiation factor 2 subunit $\hat{1}\pm$ (eIF2 $\hat{1}\pm$) inhibitor salubrinal attenuates paraquat-induced human lung epithelial-like A549 cell apoptosis by regulating the PERK-eIF2 $\hat{1}\pm$ signaling pathway.

Inflammatory effects of acrolein, crotonaldehyde and hexanal vapors on human primary bronchial epithelial cells cultured at air-liquid interface.

Preference of Aerosolized Pirfenidone to Oral Intake: An Experimental Model of Pulmonary Fibrosis by Paraquat.

[Effect of paraquat on the expression of a disintegrin and metalloproteinase-17 in A549 cells].

Glyphosate ingestion causing multiple organ failure: a near-fatal case report.

MnTMPyP inhibits paraquat-induced pulmonary epithelial-like cell injury by inhibiting oxidative stress.

HIV and paraquat poisoning: fighting fire with fire?

Treatment Outcome of Combined Continuous Venovenous Hemofiltration and Hemoperfusion in Acute Paraquat Poisoning: A Prospective Controlled Trial.

Lethal Bentazone Intoxication - A Report of Two Cases.

Effects of prolonged methylprednisolone treatment after pulse therapy for paraquat-intoxicated rats.

Protective Effects of a Rho Kinase Inhibitor on Paraquat-Induced Acute Lung Injuries in Rats.

Prolonged low-dose cyclophosphamide treatment after pulse therapy attenuates lung injury in rats with paraquat intoxication.

Self-reported physician-diagnosed chronic obstructive pulmonary disease and spirometry patterns in Vietnam Era US Army Chemical Corps veterans: A retrospective cohort study.

The KCa3.1 blocker TRAM-34 inhibits proliferation of fibroblasts in paraquat-induced pulmonary fibrosis.

Paraquat toxicity is attenuated by 4-phenylbutyrate-induced phosphorylation of ERK2 via PI3K in A549 cells.

The activation of STIM1 mediates S-phase arrest and cell death in paraquat induced acute lung intoxication.

FGF21 attenuates pulmonary fibrogenesis through ameliorating oxidative stress in vivo and in vitro.

Submicron emulsion of cinnamaldehyde ameliorates bleomycin-induced idiopathic pulmonary fibrosis via inhibition of inflammation, oxidative stress and epithelial-mesenchymal transition.

Time for Targeted Therapies in Acute Respiratory Distress Syndrome? Understanding Every Single Piece of the Puzzle.

Varying susceptibility of clinical and environmental *Scedosporium* isolates to chemical oxidative stress in conidial germination.

Neutrophil extracellular traps in acrolein promoted hepatic ischemia reperfusion injury: Therapeutic potential of NOX2 and p38MAPK inhibitors.

Protective Effects of Chymostatin on Paraquat-Induced Acute Lung Injury in Mice.

Combination Therapy with Pirfenidone plus Prednisolone Ameliorates Paraquat-Induced Pulmonary Fibrosis.

Orofacial antinociceptive effect of *Mimosa tenuiflora* (Willd.) Poiret.

Hesperetin mitigates acrolein-induced apoptosis in lung cells in vitro and in vivo.

Low-concentration exposure to glyphosate-based herbicide modulates the complexes of the mitochondrial respiratory chain and induces mitochondrial hyperpolarization in the *Danio rerio* brain.

[Effect of hemoperfusion combined with continuous veno-venous hemofiltration on acute paraquat poisoning: a Meta-analysis].

Diquat-induced oxidative stress increases intestinal permeability, impairs mitochondrial function, and triggers mitophagy in piglets.

EF-Tu From Non-typeable *Haemophilus influenzae* Is an Immunogenic Surface-Exposed Protein Targeted by Bactericidal Antibodies.

The Aryl Hydrocarbon Receptor and the Maintenance of Lung Health.

Intra-amniotic Sildenafil Treatment Modulates Vascular Smooth Muscle Cell Phenotype in the Nitrofen Model of Congenital Diaphragmatic Hernia.

Quantitative assessment of cyanide in cystic fibrosis sputum and its oxidative catabolism by hypochlorous acid.

Cigarette Smoke Toxins-Induced Mitochondrial Dysfunction and Pancreatitis Involves Aryl Hydrocarbon Receptor Mediated Cyp1 Gene Expression: Protective Effects of Resveratrol.

Prenatal treatment with rosiglitazone attenuates vascular remodeling and pulmonary monocyte influx in experimental congenital diaphragmatic hernia.

Fetal lung transcriptome patterns in an ex vivo compression model of diaphragmatic hernia.

Upregulated EFNB2 and EPHB4 promotes lung development in a nitrofen-induced congenital diaphragmatic hernia rat model.

Cohort study of workers at a New Zealand agrochemical plant to assess the effect of dioxin exposure on mortality.

Anemia in Older Adults.

Plasma metabolite profiles in children with current asthma.

[Risk assessment of dioxin in the surrounding area of a waste incineration plant in Beijing].

Angptl2 deficiency attenuates paraquat (PQ)-induced lung injury in mice by altering inflammation, oxidative stress and fibrosis through NF- κ B pathway.

Expression of extracellular polysaccharides and proteins by clinical isolates of *Pseudomonas aeruginosa* in response to environmental conditions.

Lung function and pulmonary artery blood flow following prenatal maternal retinoic acid and imatinib in the nitrofen model of congenital diaphragmatic hernia.

Chemical Tools for Targeted Amplification of Reactive Oxygen Species in Neutrophils.

[Clinical features and prognosis analysis of the elderly and youth patients with acute severe poisoning].

Treatment of rat congenital diaphragmatic hernia with sildenafil and NS-304, selexipag's active compound, at the pseudoglandular stage improves lung vasculature.

Adaptive changes in global gene expression profile of lung carcinoma A549 cells acutely exposed to distinct types of AhR ligands.

N(6)-methyladenosine mediates the cellular proliferation and apoptosis via microRNAs in arsenite-transformed cells.

Evaluation of metabolic reactivity in macrophages from mice with chronic sodium arsenite intake and experimental carcinogenesis.

Oxymatrine attenuates lipopolysaccharide-induced acute lung injury by activating the epithelial sodium channel and suppressing the JNK signaling pathway.

2,4 Dinitrophenol Attenuates Mitochondrial Dysfunction and Improves Neurobehavioral Outcomes Postanoxia in Neonatal Rats.

Iron pill aspiration: Cytologic and histologic findings of a potential life-threatening airway injury. A Case report and literature review.

Metabolic profiles in community-acquired pneumonia: developing assessment tools for disease severity.

Acute Metam Sodium Poisoning Caused by Occupational Exposure at a Flower Farm - Uganda, October 2016.

Food and nutrition insecurity indicators associated with iron deficiency anemia in Brazilian children: a systematic review.

Pesticide Use and Asthma in Alberta Grain Farmers.

Diterpene ginkgolides meglumine injection protects against paraquat-induced lung injury and pulmonary fibrosis in rats.

Gata-6 expression is decreased in diaphragmatic and pulmonary mesenchyme of fetal rats with nitrofen-induced congenital diaphragmatic hernia.

Prenatal exposure to TCDD and atopic conditions in the Seveso second generation: a prospective cohort study.

[Effects of prenatal tetrandrine treatment on the expression of Kruppel-like factor 5 and Survivin in the lung of congenital diaphragmatic hernia rat model induced by nitrofen].

Cellular shear stiffness reflects progression of arsenic-induced transformation during G1.

Increased CaSR and TRPC6 pulmonary vascular expression in the nitrofen-induced model of congenital diaphragmatic hernia.

Downregulated Elastin Microfibril Interfacer 1 Expression in the Pulmonary Vasculature of Experimental Congenital Diaphragmatic Hernia.

Decreased Expression of Integrin Subunits $\alpha 3$, $\alpha 6$, and $\alpha 8$ in the Branching Airway Mesenchyme of Nitrofen-Induced Hypoplastic Lungs.

The Influence of Genetic Stability on *Aspergillus fumigatus* Virulence and Azole Resistance.

Pesticide use, allergic rhinitis, and asthma among US farm operators.

[About a cresol intoxication].

Thymoquinone is protective against 2,3,7,8-tetrachlorodibenzo-p-dioxin induced hepatotoxicity.

STATs in Lung Development: Distinct Early and Late Expression, Growth Modulation and Signaling Dysregulation in Congenital Diaphragmatic Hernia.

Perturbations in Endothelial Dysfunction-Associated Pathways in the Nitrofen-Induced Congenital Diaphragmatic Hernia Model.

Prenatal exposure to dioxin-like compounds is associated with decreased cord blood IgE and increased risk of wheezing in children aged up to 7years: The Hokkaido study.

Parkinsonian Neurotoxins Impair the Pro-inflammatory Response of Glial Cells.

Therapy with high-dose long-term antioxidant free radicals for severe paraquat poisoning: A pilot study.

CYP1A1 and 1B1-mediated metabolic pathways of dolutegravir, an HIV integrase inhibitor.

[Paraquat induced acute pulmonary injury: an update on mechanisms].

Sodium arsenite exposure inhibits histone acetyltransferase p300 for attenuating H3K27ac at enhancers in mouse embryonic fibroblast cells.

Sevoflurane inhibits cardiac function in pulmonary fibrosis mice through the TLR4 signaling pathway.

Real-time carbon allocation into biogenic volatile organic compounds (BVOCs) and respiratory carbon dioxide (CO₂) traced by PTR-TOF-MS, ¹³CO₂ laser spectroscopy and ¹³C-pyruvate labelling.

Bushfire smoke is pro-inflammatory and suppresses macrophage phagocytic function.

Delayed death following paraquat poisoning: three case reports and a literature review.

A review of current studies on cellular and molecular mechanisms underlying pulmonary fibrosis induced by chemicals.

Producing Acetic Acid of *Acetobacter pasteurianus* by Fermentation Characteristics and Metabolic Flux Analysis.

Synaptic Mitochondria are More Susceptible to Traumatic Brain Injury-induced Oxidative Damage and Respiratory Dysfunction than Non-synaptic Mitochondria.

Aldehydes in Exhaled Breath during E-Cigarette Vaping: Pilot Study Results.

Photocatalytic decomposition of selected biologically active compounds in environmental waters using TiO₂/polyaniline nanocomposites: Kinetics, toxicity and intermediates assessment.

Antimicrobial Porous Surfaces Prepared by Breath Figures Approach.

Aldehydes are the predominant forces inducing DNA damage and inhibiting DNA repair in tobacco smoke carcinogenesis.

Cigarette smoke alters lung vascular permeability and endothelial barrier function (2017 Grover Conference Series).

Lung injury caused by paraquat poisoning results in increased interleukin-6 and decreased microRNA-146a levels.

Relative effective potencies of dioxin-like compounds in rodent and human lung cell models.

Toward an adverse outcome pathway for impaired growth: Mitochondrial dysfunction impairs growth in early life stages of the fathead minnow (*Pimephales promelas*).

Residential proximity to agricultural fumigant use and respiratory health in 7-year old children.

Pharmacologic modeling of primary mitochondrial respiratory chain dysfunction in zebrafish.

Exposure to Environmental Contaminants and Lung Function in Adolescents-Is There a Link?

Continuous Infusion of Phenyline, Cyclosporine A, or Their Combination: Evaluation of Mitochondrial Bioenergetics, Oxidative Damage, and Cytoskeletal Degradation following Severe Controlled Cortical Impact Traumatic Brain Injury in Rats.

Interactions of Gaseous 2-Chlorophenol with Fe(3+)-Saturated Montmorillonite and Their Toxicity to Human Lung Cells.

A Review of Environmental Occurrence, Fate, Exposure, and Toxicity of Benzothiazoles.

Linking mode of action of the model respiratory and photosynthesis uncoupler 3,5-dichlorophenol to adverse outcomes in *Lemna minor*.

Bioaccessibility and bioavailability of environmental semi-volatile organic compounds via inhalation: A review of methods and models.

Comparative study of diesel and biodiesel exhausts on lung oxidative stress and genotoxicity in rats.

Identification of novel Nrf2 activators from *Cinnamomum chartophyllum* H.W. Li and their potential application of preventing oxidative insults in human lung epithelial cells.

Transplantation of endothelial progenitor cells attenuated paraquat-induced acute lung injury via miR-141-3p-Notch-Nrf2 axis.

Identification of potential serum biomarkers of acute paraquat poisoning in humans using an iTRAQ quantitative proteomic.

Ion-Pairing with Spermine Targets Theophylline To the Lungs via the Polyamine Transport System.

Hypoxia-inducible factor-1 α regulates epithelial-to-mesenchymal transition in paraquat-induced pulmonary fibrosis by activating lysyl oxidase.

Acetobacter indonesiensis Pneumonia after Lung Transplantation.

Association of textile industry effluent with mutagenicity and its toxic health implications upon acute and sub-chronic exposure.

In Silico-Based Repositioning of Phosphinothricin as a Novel Technetium-99m Imaging Probe with Potential Anti-Cancer Activity.

Monitoring of selected skin- and breath-borne volatile organic compounds emitted from the human body using gas chromatography ion mobility spectrometry (GC-IMS).

Correction to: Combination Therapy with Pirfenidone plus Prednisolone Ameliorates Paraquat-Induced Pulmonary Fibrosis.

Differential exposure and acute health impacts of inhaled solid-fuel emissions from rudimentary and advanced cookstoves in female CD-1 mice.

The Contribution of Superoxide Radical to Cadmium Toxicity in *E. coli*.

Mersalyl prevents the Tl(+)-induced permeability transition pore opening in the inner membrane of Ca(2+)-loaded rat liver mitochondria.

[Effect of anthropo-technogenic load on medico-social aspects of primary morbidity and disability of population.].

Computational Analysis of Deposition and Translocation of Inhaled Nicotine and Acrolein in the Human Body with E-cigarette Puffing Topographies.

A Review on the Expression and Metabolic Features of Orphan Human Cytochrome P450 2S1 (CYP2S1).

Intermittent Hypoxia and Unsaturated Aldehydes: Effects on Oral Epithelial Wound Healing.

[The roles of TSP-1 and its receptor CD47 in pathogenesis of paraquat-induced pulmonary fibrosis in rats].

A case of herbicide-induced acute fibrinous and organizing pneumonia?

Imbalance of Th17/Treg in the Pathogenesis of Mice with Paraquat-induced Acute Lung Injury.

Urine Methyl Hippuric Acid Levels in Acute Pesticide Poisoning: Estimation of Ingested Xylene Volume and Association with Clinical Outcome Parameters.

Tissue metabolic changes for effects of pirfenidone in rats of acute paraquat poisoning by GC-MS.

Alda-1 Protects Against Acrolein-Induced Acute Lung Injury and Endothelial Barrier Dysfunction.

A positive feedback loop promotes HIF-1 α stability through miR-210-mediated suppression of RUNX3 in paraquat-induced EMT.

Facts and Fallacies in the Debate on Glyphosate Toxicity.

[Mechanism of action for oligomeric proanthocyanidins in paraquat-induced acute lung injury].

Porous Se@SiO₂ nanospheres treated paraquat-induced acute lung injury by resisting oxidative stress.

[The effect of captopril and losartan on paraquat-induced pulmonary fibrosis and PIGF expression in the lungs of rats].

[Effects of small RNA interference targeting mammalian target of rapamycin on paraquat-induced pulmonary fibrosis in rats].

The metabolic effects of diuron in the rat liver.

Rapamycin protects against paraquat-induced pulmonary fibrosis: Activation of Nrf2 signaling pathway.

Respiratory Effects and Systemic Stress Response Following Acute Acrolein Inhalation in Rats.

Flavored e-cigarette liquids and cinnamaldehyde impair respiratory innate immune cell function.

Comparative toxic responses of male and female lizards (*Eremias argus*) exposed to (S)-metolachlor-contaminated soil.

Biomarkers of Chronic Acrolein Inhalation Exposure in Mice: Implications for Tobacco Product-Induced Toxicity.

JNK Inhibitor SP600125 Attenuates Paraquat-Induced Acute Lung Injury: an In Vivo and In Vitro Study.

Paraquat induces extrinsic pathway of apoptosis in A549 cells by induction of DR5 and repression of anti-apoptotic proteins, DDX3 and GSK3 expression.

An approach to clarify the effect mechanism of glyphosate on body malformations during embryonic development of zebrafish (*Danio rerio*).

The health consequences of aerial spraying illicit crops: The case of Colombia.

Experimental study of sucralfate intervention for paraquat poisoning in rats.

Inhibition of c-Src protects paraquat induced microvascular endothelial injury by modulating caveolin-1 phosphorylation and caveolae mediated transcellular permeability.

Toll-like receptor 9 mediates paraquat-induced acute lung injury: an in vitro and in vivo study.

Role of TRPA1 in acute cardiopulmonary toxicity of inhaled acrolein.

Time-dependent haemoperfusion after acute paraquat poisoning.

[Changes of integrin-linked kinase expression on rats' pulmonary fibrosis induced by paraquat].

[The study of using salvianolate treat acute lung injury in rats induced by paraquat].

Continuous venovenous hemofiltration in the management of paraquat poisoning: A meta-analysis of randomized controlled trials.

The association of cancer risks with pentachlorophenol exposure: Focusing on community population in the areas along certain section of Yangtze River in China.

Effects of airborne toxicants on pulmonary function and mitochondrial DNA damage in rodent lungs.

Fluazifop- p-butyl, an aryloxyphenoxypropionate herbicide, diminishes renal and hepatic functions and triggers testicular oxidative stress in orally exposed rats.

Paraquat poisoning: Acute lung injury - a missed diagnosis.

[The study of using cordyceps-astragalus-salvia miltiorrhiza to treat acute lung injury induced by paraquat poisoning in rats].

Paraquat poisoning induced pulmonary epithelial mesenchymal transition through Notch1 pathway.

HMGB1-TLR4-IL23-IL17A axis promotes paraquat-induced acute lung injury by mediating neutrophil infiltration in mice.

Pesticides are Associated with Allergic and Non-Allergic Wheeze among Male Farmers.

Acrolein Inhalation Alters Myocardial Synchrony and Performance at and Below Exposure Concentrations that Cause Ventilatory Responses.

MyD88 gene knockout attenuates paraquat-induced acute lung injury.

[Evaluation of adsorption effect of activated charcoal on oral paraquat poisoning: an experimental study on large animal].

Epigallocatechin-3-gallate alleviates paraquat-induced acute lung injury and inhibits upregulation of toll-like receptors.

Toll-like receptor 4 ablation rescues against paraquat-triggered myocardial dysfunction: Role of ER stress and apoptosis.

Idh2 Deficiency Exacerbates Acrolein-Induced Lung Injury through Mitochondrial Redox Environment Deterioration.

Resveratrol and Montelukast Alleviate Paraquat-Induced Hepatic Injury in Mice: Modulation of Oxidative Stress, Inflammation, and Apoptosis.

Protective action of Omega-3 on paraquat intoxication in *Drosophila melanogaster*.

Liver X Receptor Agonist TO901317 Attenuates Paraquat-Induced Acute Lung Injury through Inhibition of NF- κ B and JNK/p38 MAPK Signal Pathways.

Tualang Honey Protects the Rat Midbrain and Lung against Repeated Paraquat Exposure.

Atorvastatin protected from paraquat-induced cytotoxicity in alveolar macrophages via down-regulation of TLR-4.

Effects of glyphosate acid and the glyphosate-commercial formulation (Roundup) on *Dimorphandra wilsonii* seed germination: Interference of seed respiratory metabolism.

Cinnamaldehyde induces cell apoptosis mediated by a novel circular RNA hsa_circ_0043256 in non-small cell lung cancer.

[Protective effect of thalidomide on ALI induced by paraquat poisoning in rats and its mechanism].

[Effects of curcumin on pulmonary fibrosis and functions of paraquat-challenged rats].

Effects of herbal extracts and compounds and pharmacological agents on pulmonary fibrosis in animal models: a review.

Inhibition of NLRP3 inflammasome: a new protective mechanism of cinnamaldehyde in endotoxin poisoning of mice.

Interleukin-17A Plays the Same Role on Mice Acute Lung Injury Respectively Induced by Lipopolysaccharide and Paraquat.

The protective effect of cinnamaldehyde on \hat{A} lipopolysaccharide induced acute lung injury in mice.

Dietary cinnamaldehyde enhances acquisition of specific antibodies following helminth infection in pigs.

Cinnamomum verum ingredient 2-methoxycinnamaldehyde: a new antiproliferative drug targeting topoisomerase I and II in human lung squamous cell carcinoma NCI-H520 cells.

Cromolyn Sodium Attenuates Paraquat-Induced Lung Injury by Modulation of Proinflammatory Cytokines.

Chloroquine attenuates paraquat-induced lung injury in mice by altering inflammation, oxidative stress and fibrosis.

Phenelzine Protects Brain Mitochondrial Function In Vitro and In Vivo following Traumatic Brain Injury by Scavenging the Reactive Carbonyls 4-Hydroxynonenal and Acrolein Leading to Cortical Histological Neuroprotection.

Janus-faced Acrolein prevents allergy but accelerates tumor growth by promoting immunoregulatory Foxp3+ cells: Mouse model for passive respiratory exposure.

Cinnamaldehyde induces apoptosis and reverses epithelial-mesenchymal transition through inhibition of Wnt/ β -catenin pathway in non-small cell lung cancer.

Diquat-induced cellular pyridine nucleotide redox changes and alteration of metabolic enzyme activities in colonic carcinoma cells.

Cytotoxicity and cellular response mechanisms of water-soluble platinum(II) complexes of lidocaine and phenylcyanamide derivatives.

Evaluation of antibacterial potential and toxicity of plant volatile compounds using new broth microdilution volatilization method and modified MTT assay.

The Cystic Fibrosis Transmembrane Conductance Regulator Potentiator Ivacaftor Augments Mucociliary Clearance Abrogating Cystic Fibrosis Transmembrane Conductance Regulator Inhibition by Cigarette Smoke.

Conjugation of nitrated acetaminophen to Der p1 amplifies peripheral blood monocyte response to Der p1.

Chloracne in a Farming Family.

Distribution of arsenic and oxidative stress in mice after rice ingestion.

Changes in vasoactive pathways in congenital diaphragmatic hernia associated pulmonary hypertension explain unresponsiveness to pharmacotherapy.

Occupational exposure to pesticides are associated with fixed airflow obstruction in middle-age.

Iron-pill inhalation.

Heme Biosynthetic Pathway is Functionally Linked to Adipogenesis via Mitochondrial Respiratory Activity.

Effects of Orally Ingested Arsenic on Respiratory Epithelial Permeability to Bacteria and Small Molecules in Mice.

Polychlorinated dibenzo-p-dioxins and dibenzofurans levels in piglet liver with various diseases.

Fetal Cardiac Impairment in Nitrofen-Induced Congenital Diaphragmatic Hernia: Postmortem Microcomputed Tomography Imaging Study.

Sulphaemoglobinaemia caused by ferrous sulfate.

The history of arsenical pesticides and health risks related to the use of Agent Blue.

Elastase and matrix metalloproteinase activities are associated with pulmonary vascular disease in the nitrofen rat model of congenital diaphragmatic hernia.

Downregulation of KCNQ5 expression in the rat pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Follistatin-like 1 expression is decreased in the alveolar epithelium of hypoplastic rat lungs with nitrofen-induced congenital diaphragmatic hernia.

Dose-Response Relationship between Inorganic Arsenic Exposure and Lung Cancer among Arseniasis Residents with Low Methylation Capacity.

Suppressed erythropoietin expression in a nitrofen-induced congenital diaphragmatic hernia.

Study of 5 Volatile Organic Compounds in Exhaled Breath in Chronic Obstructive Pulmonary Disease.

Observation of nonanoic acid and aldehydes in exhaled breath of patients with lung cancer.

[A group of occupational acute methyl bromide poisoning incident].

Arsenic exposure alters lung function and airway inflammation in children: A cohort study in rural Bangladesh.

Occupational Exposure to Pesticides and the Incidence of Lung Cancer in the Agricultural Health Study.

Targeted mitochondrial uncoupling beyond UCP1 - The fine line between death and metabolic health.

Expression of T-box transcription factors 2, 4 and 5 is decreased in the branching airway mesenchyme of nitrofen-induced hypoplastic lungs.

Decreased Endoglin expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia rat model.

Pesticides: an update of human exposure and toxicity.

Decreased sensitivity of palmitoyl protein thioesterase 1-deficient neurons to chemical anoxia.

Imbalance of NFATc2 and KV1.5 Expression in Rat Pulmonary Vasculature of Nitrofen-Induced Congenital Diaphragmatic Hernia.

[Effect of low-dose exposure to sodium arsenite on proliferation of HBE and HaCaT cells].

Pesticide exposures and respiratory health in general populations.

Dibenzo[def,p]chrysene transplacental carcinogenesis in wild-type, Cyp1b1 knockout, and CYP1B1 humanized mice.

Occurrence of commonly used pesticides in personal air samples and their associated health risk among paddy farmers.

Tissue breathing and topology of rats thymocytes surface under acute total \hat{I}^3 -irradiation.

Lung regeneration after toxic injury is improved in absence of dioxin receptor.

A fatal case of acute bentazone overdose despite cricothyroidotomy during cardiopulmonary resuscitation.

Time courses of post-injury mitochondrial oxidative damage and respiratory dysfunction and neuronal cytoskeletal degradation in a rat model of focal traumatic brain injury.

Doxycycline attenuates paraquat-induced pulmonary fibrosis by downregulating the TGF- β^2 signaling pathway.

Role of catalytic iron and oxidative stress in nitrofen-induced congenital diaphragmatic hernia and its amelioration by Saireito (TJ-114).

Imbalanced immune responses involving inflammatory molecules and immune-related pathways in the lung of acute and subchronic arsenic-exposed mice.

Electronic Cigarettes: Their Constituents and Potential Links to Asthma.

Effect of Cyanide on Mitochondrial Membrane Depolarization Induced by Uncouplers.

Exposure to Cooking Fumes and Acute Reversible Decrement in Lung Functional Capacity.

Acrolein induces mtDNA damages, mitochondrial fission and mitophagy in human lung cells.

Energy status regulates disease development and respiratory metabolism of *Lasiodiplodia theobromae* (Pat.) Griff. & Maubl.-infected longan fruit.

Benzene exposure is associated with cardiovascular disease risk.

Protective efficacy of various carbonyl compounds and their metabolites, and nutrients against acute toxicity of some cyanogens in rats: biochemical and physiological studies.

Tissue-specific distributions of inorganic arsenic and its methylated metabolites, especially in cerebral cortex, cerebellum and hippocampus of mice after a single oral administration of arsenite.

Bone morphogenetic protein 7 alleviates paraquat-induced pulmonary fibrosis via TGF- β^1 /Erk1/2 pathway.

Paraquat poisoning: Case report of a survivor.

Vasodilation effect of volatile oil from *Allium macrostemon* Bunge are mediated by PKA/NO pathway and its constituent dimethyl disulfide in isolated rat pulmonary arterials.

Dermal absorption of fumigant gases during HAZMAT incident exposure scenarios-Methyl bromide, sulfuryl fluoride, and chloropicrin.

Pneumocystis Pneumonia Infection in a Survivor of Paraquat Intoxication.

Squamous epithelium formation in the respiratory intestine of the bronze Corydoras *Corydoras aeneus* (Callichthyidae Teleostei).

Single-cell time-lapse imaging of intracellular O₂ in response to metabolic inhibition and mitochondrial cytochrome-c release.

[Effect of mitogen-activated protein kinase signaling pathway on apoptosis induced by chloroacetic acid in human normal bronchial epithelial 16HBE cells].

Development/verification of methods for measurement of exhaled breath and environmental e-vapor product aerosol.

Indoor Air Quality and Asthma: Has Unrecognized Exposure to Acrolein Confounded Results of Previous Studies?

Pharmacodynamics of S-dimethylarsino-glutathione, a putative metabolic intermediate of inorganic arsenic, in mice.

Golden Hours in Severe Paraquat Poisoning-The Role of Early Haemoperfusion Therapy.

[Two death cases of lung damage due to paraquat posion caused by skin contant].

Aryl hydrocarbon receptor (AhR)-dependent regulation of pulmonary miRNA by chronic cigarette smoke exposure.

Methanol Extract of Adansonia digitata Leaf Protects Against Sodium Arsenite-induced Toxicities in Male Wistar Rats.

Hemoglobins Likely Function as Peroxidase in Blood Clam Tegillarca granosa Hemocytes.

Australian work exposures studies: occupational exposure to pesticides.

[Dose-effect relationship between vitamin C andâ€paraquat poisoning rats].

Curcumin inhibits paraquat induced lung inflammation and fibrosis by extracellular matrix modifications in mouse model.

Carvedilol attenuates paraquat-induced lung injury by inhibition of proinflammatory cytokines, chemokine MCP-1, NF- κ B activation and oxidative stress mediators.

Pyrrolidine dithiocarbamate attenuates paraquat-induced acute pulmonary poisoning in vivo via transforming growth factor β 1 and nuclear factor κ B pathway interaction.

Paraquat intoxication and associated pathological findings in three dogs in South Africa.

[Anti-oxidantive effect of methylene blue on acute lung injury induced by paraquat in rat].

Distribution, quantification and toxicity of cinnamaldehyde in electronic cigarette refill fluids and aerosols.

Glufosinate aerogenic exposure induces glutamate and IL-1 receptor dependent lung inflammation.

Oxidative stress in duckweed (Lemna minor L.) induced by glyphosate: Is the mitochondrial electron transport chain a target of this herbicide?

Inhibition of connective tissue growth factor attenuates paraquat-induced lung fibrosis in a human MRC-5 cell line.

MAPK pathway mediates epithelial-mesenchymal transition induced by paraquat in alveolar epithelial cells.

Salvianolic acid B protects against paraquat-induced pulmonary injury by mediating Nrf2/Nox4 redox balance and TGF- β 1/Smad3 signaling.

Organic honey supplementation reverses pesticide-induced genotoxicity by modulating DNA damage response.

Poly-ADP-ribose polymerase inhibition provides protection against lung injury in a rat paraquat toxicity model.

The Protective Role of Thiourea on *Leuciscus cephalus* Exposed to Sublethal Doses of Pendigan 330EC (Pendimethalin) Herbicide.

Effects of glyphosate and the glyphosate based herbicides Roundup Original (®) and Roundup Transorb (®) on respiratory morphophysiology of bullfrog tadpoles.

[Clinical effect of compound monoammonium glycyrrhizinate combined with dandelion in treatment of acute paraquat poisoning].

[Risk factors for pulmonary fibrosis in patients with paraquat poisoning].

[The role of transforming growth factor- β (1)/connective tissue growth factor signaling pathway in paraquat-induced pulmonary fibrosis].

Paraquat tongue.

Thymoquinone effectively alleviates lung fibrosis induced by paraquat herbicide through down-regulation of pro-fibrotic genes and inhibition of oxidative stress.

Protective effect of *Berberis vulgaris* fruit extract against Paraquat-induced pulmonary fibrosis in rats.

Human exposure to acrolein: Time-dependence and individual variation in eye irritation.

Adiponectin ameliorates the apoptotic effects of paraquat on alveolar type I cells via improvements in mitochondrial function.

Is there a role for sildenafil in the management of paraquat-induced lung fibrosis?

Proposed Mode of Action for Acrolein Respiratory Toxicity Associated with Inhaled Tobacco Smoke.

Intravenous lipid emulsion in treatment of cardiocirculatory disturbances caused by glyphosate-surfactant herbicide poisoning.

Advances in the mechanism of paraquat-induced pulmonary injury.

Paraquat Poisoning in Patients With HIV Infection: A Case Report and Literature Review.

Activating Peroxisome Proliferator-Activated Receptors (PPARs): a New Sight for Chrysophanol to Treat Paraquat-Induced Lung Injury.

Protective Effects of Apigenin Against Paraquat-Induced Acute Lung Injury in Mice.

Cytotoxicity of Thirdhand Smoke and Identification of Acrolein as a Volatile Thirdhand Smoke Chemical That Inhibits Cell Proliferation.

Adverse Outcomes Associated with Cigarette Smoke Radicals Related to Damage to Protein-disulfide Isomerase.

The role of L-type amino acid transporters in the uptake of glyphosate across mammalian epithelial tissues.

Common and distinct mechanisms of induced pulmonary fibrosis by particulate and soluble chemical fibrogenic agents.

Radix puerariae extracts ameliorate paraquat-induced pulmonary fibrosis by attenuating follistatin-like 1 and nuclear factor erythroid 2p45-related factor-2 signalling pathways through downregulation of miRNA-21 expression.

The tobacco smoke component acrolein induces glucocorticoid resistant gene expression via inhibition of histone deacetylase.

Carbonyl Compounds in the Gas Phase of Cigarette Mainstream Smoke and Their Pharmacological Properties.

[The protective effect of bone marrow mesenchymal stem cells carrying antioxidant gene superoxide dismutase on paraquat lung injury in mice].

KLF2 and caveolin-1 as early indicators of acute lung injury induced by paraquat.

A multicenter retrospective survey of poisoning after ingestion of herbicides containing glyphosate potassium salt or other glyphosate salts in Japan.

Paraquat induce pulmonary epithelial-mesenchymal transition through transforming growth factor- β 1-dependent mechanism.

Successful Extracorporeal Life Support in a Case of Severe Glyphosate-Surfactant Intoxication.

Tumor necrosis factor- α induced protein 6 attenuates acute lung injury following paraquat exposure.

Chloroquine rescues A549 cells from paraquat-induced death.

Inhalation of the reactive aldehyde acrolein promotes antigen sensitization to ovalbumin and enhances neutrophilic inflammation.

Acrolein preferentially damages nucleolus eliciting ribosomal stress and apoptosis in human cancer cells.

New water-soluble palladium(II) complexes of lidocaine and phenylcyanamide derivative ligands: cytotoxicity and cellular response mechanisms.

Integrated long non-coding RNA analyses identify novel regulators of epithelial-mesenchymal transition in the mouse model of pulmonary fibrosis.

Cardiac-Specific Knockout of ETA Receptor Mitigates Paraquat-Induced Cardiac Contractile Dysfunction.

Histidine biosynthesis plays a crucial role in metal homeostasis and virulence of *Aspergillus fumigatus*.

Cinnamaldehyde is an effective anti-inflammatory agent for treatment of allergic rhinitis in a rat model.

SIRT1 exerts protective effects against paraquat-induced injury in mouse type II alveolar epithelial cells by deacetylating NRF2 in vitro.

HIF-1 α regulates EMT via the Snail and β -catenin pathways in paraquat poisoning-induced early pulmonary fibrosis.

3-Aminotriazole protects from CoCl₂-induced ototoxicity by inhibiting the generation of reactive oxygen species and proinflammatory cytokines in mice.

Perfluorocarbon attenuates inflammatory cytokines, oxidative stress and histopathologic changes in paraquat-induced acute lung injury in rats.

Diet-induced and mono-genetic obesity alter volatile organic compound signature in mice.

Resveratrol protects mice from paraquat-induced lung injury: The important role of SIRT1 and NRF2 antioxidant pathways.

Cinnamomum verum Component 2-Methoxycinnamaldehyde: A Novel Anticancer Agent with Both Anti-Topoisomerase I and II Activities in Human Lung Adenocarcinoma A549 Cells In Vitro and In Vivo.

Lysyl oxidase promotes epithelial-to-mesenchymal transition during paraquat-induced pulmonary fibrosis.

Protective Effect of Astragaloside IV Against Paraquat-Induced Lung Injury in Mice by Suppressing Rho Signaling.

Polymeric micellar nanoplateforms for Fenton reaction as a new class of antibacterial agents.

Discovery of a novel anticancer agent with both anti-topoisomerase I and II activities in hepatocellular carcinoma SK-Hep-1 cells in vitro and in vivo: Cinnamomum verum component 2-methoxycinnamaldehyde.

[The effect of resveratrol on paraquat-induced acute lung injury in mice and its mechanism].

Comparative cytotoxicity of fourteen trivalent and pentavalent arsenic species determined using real-time cell sensing.

Acrolein and thiol-reactive electrophiles suppress allergen-induced innate airway epithelial responses by inhibition of DUOX1 and EGFR.

2-Phenethyl Isothiocyanate, Glutathione S-transferase M1 and T1 Polymorphisms, and Detoxification of Volatile Organic Carcinogens and Toxicants in Tobacco Smoke.

Overexpression of human SOD1 in VDAC1-less yeast restores mitochondrial functionality modulating beta-barrel outer membrane protein genes.

Knockdown of Drosophila hemoglobin suggests a role in O₂ homeostasis.

Both foliar and residual applications of herbicides that inhibit amino acid biosynthesis induce alternative respiration and aerobic fermentation in pea roots.

Effects of Bleaching by Nitrogen Deficiency on the Quantum Yield of Photosystem II in *Synechocystis* sp. PCC 6803 Revealed by Chl Fluorescence Measurements.

Cytoprotective Effect of Makgeolli Lees on Paraquat Induced Oxidative Stress in A549 Cells via Activation of NRF2 and Antioxidant Genes.

Neuropathic organophosphates: from Scruham, Heim and Lorot to Jake leg paralysis.

Downregulation of Forkhead box F1 gene expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

p-Cresyl sulfate affects the oxidative burst, phagocytosis process, and antigen presentation of monocyte-derived macrophages.

Lipocalin 2 as a new biomarker for fetal lung hypoplasia in congenital diaphragmatic hernia.

Methyl Iodide Exposure Presenting as Severe Chemical Burn Injury with Neurological Complications and Prolonged Respiratory Insufficiency.

Clinically relevant timing of antenatal sildenafil treatment reduces pulmonary vascular remodeling in congenital diaphragmatic hernia.

Improved pulmonary function in the nitrofen model of congenital diaphragmatic hernia following prenatal maternal dexamethasone and/or sildenafil.

Antenatal Saireito (TJ-114) Can Improve Pulmonary Hypoplasia and Pulmonary Vascular Remodeling in Nitrofen-Induced Congenital Diaphragmatic Hernia.

Chronic Arsenic Exposure-Induced Oxidative Stress is Mediated by Decreased Mitochondrial Biogenesis in Rat Liver.

Enhanced Pulmonary Vascular and Alveolar Development via Prenatal Administration of a Slow-Release Synthetic Prostacyclin Agonist in Rat Fetal Lung Hypoplasia.

Tyrosine Phosphorylation of Focal Adhesion Anchoring Proteins Enhances Human Pancreatic Cancer Cell Invasion.

Previously Unclassified Mutation of mtDNA m.3472T>C: Evidence of Pathogenicity in Leber's Hereditary Optic Neuropathy.

[Acute poisoning by pesticides in children].

Oxygen consumption deficit in Huntington disease mouse brain under metabolic stress.

Arsenite and Cadmium Activate MAPK/ERK via Membrane Estrogen Receptors and G-Protein Coupled Estrogen Receptor Signaling in Human Lung Adenocarcinoma Cells.

Decreased expression of miR-33 in fetal lungs of nitrofen-induced congenital diaphragmatic hernia rat model.

Tracheal occlusion and ventilation changes the nitric oxide pathway in congenital diaphragmatic hernia model.

Inhalation Exposure to Dioxins and dl-PCBs Depending on the Season in Upper Silesia, Poland: A Pilot Study.

Detection of Melanoma Cancer Biomarker Dimethyl Disulfide Using Cavity Ringdown Spectroscopy at 266â€%nm.

Decreased expression of monocarboxylate transporter 1 and 4 in the branching airway epithelium of nitrofen-induced congenital diaphragmatic hernia.

Combined antenatal therapy with retinoic acid and tracheal occlusion in a rat model of congenital diaphragmatic hernia.

Definite hereditary hemorrhagic telangiectasia in a 60-year-old black Kenyan woman: a case report.

[Clinical value of serum presepsin (SCD14-ST) concentration measurement in patients with pesticide poisoning].

[Role of nuclear factor E2 related factor 2 signaling pathway in malignant transformation induced by sodium arsenite].

Increased c-kit and stem cell factor expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

The transcriptome of nitrofen-induced pulmonary hypoplasia in the rat model of congenital diaphragmatic hernia.

Public health and international drug policy.

Effective Valsalva maneuvering during TCCD and unrevealed etiology of RLS.

Antenatal retinoic acid administration increases trophoblastic retinol-binding protein dependent retinol transport in the nitrofen model of congenital diaphragmatic hernia.

TCDD-Induced Activation of Aryl Hydrocarbon Receptor Inhibits Th17 Polarization and Regulates Non-Eosinophilic Airway Inflammation in Asthma.

[Effects of Tetrandrine Prenatal Intervention on Alveolar Epithelial Cells Type I Differentiation in Rat Model of Nitrofen-induced Congenital Diaphragmatic Hernia].

Effects of in Utero Exposure to Arsenic during the Second Half of Gestation on Reproductive End Points and Metabolic Parameters in Female CD-1 Mice.

Upregulation of S1P1 and Rac1 receptors in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

The Role of Activin Receptor-Like Kinase 1 Signaling in the Pulmonary Vasculature of Experimental Diaphragmatic Hernia.

Possible role of increased oxidative stress in pulmonary hypertension in experimental diaphragmatic hernia.

Prenatal exposure to persistent organic pollutants and offspring allergic sensitization and lung function at 20 years of age.

Synthesis of novel ethyl 1-ethyl-6-fluoro-7-(fatty amido)-1,4-dihydro-4-oxoquinoline-3-carboxylate derivatives and their biological evaluation.

Mass Spectrometric Approaches to the Identification of Potential Ingredients in Cigarette Smoke Causing Cytotoxicity.

Initial Serum Ammonia as a Predictor of Neurologic Complications in Patients with Acute Glufosinate Poisoning.

Oxidative stress-related liver dysfunction by sodium arsenite: Alleviation by Pistacia lentiscus oil.

Epigenetic Regulation of Interleukin 6 by Histone Acetylation in Macrophages and Its Role in Paraquat-Induced Pulmonary Fibrosis.

Riluzole But Not Melatonin Ameliorates Acute Motor Neuron Degeneration and Moderately Inhibits SOD1-Mediated Excitotoxicity Induced Disrupted Mitochondrial Ca²⁺ Signaling in Amyotrophic Lateral Sclerosis.

[Study on Identification of PBDEs and Characteristic Information Extraction of Biological Toxicity Based on Infrared Spectrum Partition].

Autism genes are selectively targeted by environmental pollutants including pesticides, heavy metals, bisphenol A, phthalates and many others in food, cosmetics or household products.

Dialysis catheter-related pulmonary embolism in a patient with paraquat intoxication.

Tumor necrosis factor receptor-associated protein 1 improves hypoxia-impaired energy production in cardiomyocytes through increasing activity of cytochrome c oxidase subunit II.

Formyl peptide receptor modulators: a patent review and potential applications for inflammatory diseases (2012-2015).

[Recent advance of cytokines in the pathogenesis of lung injury induced by paraquat poisoning].

[Effects of chronic exposure to monochloroacetic acid on the lung function and lymphocyte subsets in occupational exposed workers].

Suberoylanilide hydroxamic acid attenuates paraquat-induced pulmonary fibrosis by preventing Smad7 from deacetylation in rats.

Exogenous lipid pneumonia caused by herbicide inhalation.

Aryl hydrocarbon receptor-ligand axis mediates pulmonary fibroblast migration and differentiation through increased arachidonic acid metabolism.

Arsenic-induced mitochondrial oxidative damage is mediated by decreased PGC-1 α expression and its downstream targets in rat brain.

Acute kidney injury in patients with paraquat intoxication; a case report and review of the literature.

Mitochondrial-targeted aryl hydrocarbon receptor and the impact of 2,3,7,8-tetrachlorodibenzo-p-dioxin on cellular respiration and the mitochondrial proteome.

[The effect and injury to the airways of different sputum aspiration pressure in a rat model of mucus hypersecretion].

Conformation of ryanodine receptor-2 gates store-operated calcium entry in rat pulmonary arterial myocytes.

Acute cardiopulmonary toxicity of inhaled aldehydes: role of TRPA1.

Data supporting the involvement of the adenine nucleotide translocase conformation in opening the Tl(+)-induced permeability transition pore in Ca(2+)-loaded rat liver mitochondria.

Involvement of endogenous antioxidant systems in the protective activity of pituitary adenylate cyclase-activating polypeptide against hydrogen peroxide-induced oxidative damages in cultured rat astrocytes.

Skatole (3-Methylindole) Is a Partial Aryl Hydrocarbon Receptor Agonist and Induces CYP1A1/2 and CYP1B1 Expression in Primary Human Hepatocytes.

Effect of Acetyl-L-Carnitine on Antioxidant Status, Lipid Peroxidation, and Oxidative Damage of Arsenic in Rat.

[Recent advance in the pathogenesis of pulmonary fibrosis induced by paraquat poisoning].

Underestimation of the Maximal Capacity of the Mitochondrial Electron Transport System in Oligomycin-Treated Cells.

Nanopharmaceutical Approach for Enhanced Anti-cancer Activity of Betulinic Acid in Lung-cancer Treatment via Activation of PARP: Interaction with DNA as a Target: -Anti-cancer Potential of Nano-betulinic Acid in Lung Cancer.

Paraquat Poisoning: A Case Report.

Dysfunctional chloroplasts up-regulate the expression of mitochondrial genes in Arabidopsis seedlings.

Effects of Antioxidant N-acetylcysteine Against Paraquat-Induced Oxidative Stress in Vital Tissues of Mice.

Severe Endobronchial Inflammation Induced by Aspiration of a Ferrous Sulfate Tablet.

Methylation of inorganic arsenic by murine fetal tissue explants.

The impact of combined administration of paraquat and maneb on motor and non-motor functions in the rat.

Involvement of epithelial-to-mesenchymal transition and associated transforming growth factor- β /Smad signaling in paraquat-induced pulmonary fibrosis.

A Potential Role for Acrolein in Neutrophil-Mediated Chronic Inflammation.

Cancer incidence and metolachlor use in the Agricultural Health Study: An update.

Differential effects of bevacizumab, ranibizumab and aflibercept on cell viability, phagocytosis and mitochondrial bioenergetics of retinal pigment epithelial cell.

[Effect of total flavonoids from astragalus complanatus on paraquat poisoning-induced pulmonary fibrosis in rats and its mechanisms].

Successful extracorporeal membrane oxygenation therapy as a bridge to sequential bilateral lung transplantation for a patient after severe paraquat poisoning.

Cigarette side-stream smoke lung and bladder carcinogenesis: inducing mutagenic acrolein-DNA adducts, inhibiting DNA repair and enhancing anchorage-independent-growth cell transformation.

Hyperbaric oxygen treatment ameliorates lung injury in paraquat intoxicated rats.

[Intensive hemoperfusion and long-term hemofiltration for treatment of paraquat poisoning: a case report].

RIFM fragrance ingredient safety assessment, $\hat{1}\pm$ -butylcinnamaldehyde, CAS Registry Number 7492-44-6.

Impairment of striatal mitochondrial function by acute paraquat poisoning.

Diquat causes caspase-independent cell death in SH-SY5Y cells by production of ROS independently of mitochondria.

Caspase-2 protects against oxidative stress in vivo.

[Research advance in molecular mechanism of pulmonary fibrosis induced by paraquat poisoning].

[Case of paraquat poisoning and diazepam poisoning inducing pulmonary embolism].

[Successful treatment of one case after acute paraquat intoxication complicated with pulmonary fibrosis, mediastinal emphysema and subcutaneous emphysema].

[The prevention and therapeutics effect of sodium bicarbonate with gastric lavage, atomization inhalation and intravenous injection on the patients with paraquat poisoning and pulmonary fibrosis induced by paraquat poisoning].

[Inhibitory effects of curcumin on inflammatory cytokines in rats with paraquat poisoning].

[Changes of CD(4)(+) Foxp3+ regulatory T cells and CD(4)(+)IL-17+T cells in acrolein exposure rats].

[The effect of signal transduction pathway of triggering receptor-1 expressed on myeloid cells in acute lung injury induced by paraquat in rats].

Roundup[®] exposure promotes gills and liver impairments, DNA damage and inhibition of brain cholinergic activity in the Amazon teleost fish *Colossoma macropomum*.

Use of acetochlor and cancer incidence in the Agricultural Health Study.

Transcriptome profile analysis reflects rat liver and kidney damage following chronic ultra-low dose Roundup exposure.

Chlamydomonas reinhardtii cells adjust the metabolism to maintain viability in response to atrazine stress.

Protective Effects of Arachidonic Acid Against Paraquat-Induced Pulmonary Injury.

Surfactant toxicity in a case of (4-chloro-2-methylphenoxy) acetic acid herbicide intoxication.

Spectrum of patients intentionally poisoned with an emulsified concentrate pendimethalin herbicide.

Acute eosinophilic pneumonia associated with glyphosate-surfactant exposure.

Pneumomediastinum predicts early mortality in acute paraquat poisoning.

Connective tissue growth factor stimulates the proliferation, migration and differentiation of lung fibroblasts during paraquat-induced pulmonary fibrosis.

Mercapturic Acids Derived from the Toxicants Acrolein and Crotonaldehyde in the Urine of Cigarette Smokers from Five Ethnic Groups with Differing Risks for Lung Cancer.

Protective effects of melatonin-loaded lipid-core nanocapsules on paraquat-induced cytotoxicity and genotoxicity in a pulmonary cell line.

Adiponectin attenuates lung fibroblasts activation and pulmonary fibrosis induced by paraquat.

[The study of kidney injury in rats with acute paraquat poisoning].

[The effect of paraquat on voltage-dependent anion channel and caspase-3, 8, 9 in the mitochondria of rat lung].

[Effects of shRNA interference the expression of connective tissue growth factor mediated by lentivirus in lung fibrosis of paraquat poisoning rats].

[Effect of hydrogen-saline on lung injury and heme oxygenase-1 expression in the lung tissue of acute paraquat-intoxicated mice].

Losartan attenuates paraquat-induced pulmonary fibrosis in rats.

[Expression of heme oxygenase-1 in lung tissue of paraquat poisoned mice and its significance].

[Inhibition of pulmonary nuclear factor- κ B and tumor necrosis factor- α expression by diallyl sulfide in rats with paraquat poisoning].

[The value of assessment of area of ground glass opacity in lungs cast by high-resolution computed tomography on the prognosis of patients with acute paraquat intoxication].

[Intensity of hemoperfusion in acute paraquat-poisoned patients and analysis of prognosis].

[Effect of rhubarb as the main composition of sequential treatment in patients with acute paraquat poisoning: a prospective clinical research].

Diuron in water: functional toxicity and intracellular detoxification patterns of active concentrations assayed in tandem by a yeast-based probe.

The volume ratio of ground glass opacity in early lung CT predicts mortality in acute paraquat poisoning.

Proposal for novel metabolic pathway of highly toxic dimethylated arsenics accompanied by enzymatic sulfuration, desulfuration and oxidation.

Increased toll-like receptor 9 expression is associated with the severity of paraquat-induced lung injury in mice.

Paraquat induces epithelial-mesenchymal transition-like cellular response resulting in fibrogenesis and the prevention of apoptosis in human pulmonary epithelial cells.

Effects of noninvasive positive pressure ventilation on oxygenation status and prognosis in patients with acute paraquat-induced lung injury.

PSTK is a novel gene associated with early lung injury in Paraquat Poisoning.

Influenza A infection attenuates relaxation responses of mouse tracheal smooth muscle evoked by acrolein.

Effects of different tidal volume ventilation on paraquat-induced acute lung injury in piglets.

APACHE score, Severity Index of Paraquat Poisoning, and serum lactic acid concentration in the prognosis of paraquat poisoning of Chinese Patients.

Molecular mechanisms of acrolein toxicity: relevance to human disease.

Early haemoperfusion with continuous venovenous haemofiltration improves survival of acute paraquat-poisoned patients.

NLRP3 inflammasome activation is essential for paraquat-induced acute lung injury.

Extracellular signal-regulated kinase pathway play distinct role in acetochlor-mediated toxicity and intrinsic apoptosis in A549 cells.

The relation between oxidative stress, inflammation, and neopterin in the paraquat-induced lung toxicity.

Hepatoprotective effect of *Matricaria chamomilla*.L in paraquat induced rat liver injury.

Artesunate Attenuates Lung Injury in Paraquat-Intoxicated Rats via Downregulation of Inflammatory Cytokines.

Acute effects of acrolein in human volunteers during controlled exposure.

Use of In Vivo and In Vitro Data to Derive a Chronic Reference Value for Crotonaldehyde Based on Relative Potency to Acrolein.

Superantigen staphylococcal enterotoxin C1 mutant can reduce paraquat pulmonary fibrosis.

Toxicity assessment of 2,4-D and MCPA herbicides in primary culture of fish hepatic cells.

[The research progress of paraquat poisoning lung molecular mechanism].

[Observation on the best dose of methylprednisolone improving lung injury in swine with paraquat intoxication].

Enhancement of the acrolein-induced production of reactive oxygen species and lung injury by GADD34.

DNase1 protects against Paraquat-induced acute lung injury and pulmonary fibrosis mediated by mitochondrial DNA.

Cellular RNA is chemically modified by exposure to air pollution mixtures.

Acrolein inhalation alters arterial blood gases and triggers carotid body-mediated cardiovascular responses in hypertensive rats.

Effects of rapamycin against paraquat-induced pulmonary fibrosis in mice.

The mechanism of rapamycin in the intervention of paraquat-induced acute lung injury in rats.

Mifepristone-inducible recombinant adenovirus attenuates paraquat-induced lung injury in rats.

Superoxide produced in the matrix of mitochondria enhances methylmercury toxicity in human neuroblastoma cells.

[Expression of the pulmonary surfactant in rat with paraquat-induced acute lung injury].

Cinnamaldehyde attenuates pressure overload-induced cardiac hypertrophy.

Lung inflammation biomarkers and lung function in children chronically exposed to arsenic.

Long-lasting facilitation of respiratory rhythm by treatment with TRPA1 agonist, cinnamaldehyde.

Rapamycin reverses paraquat-induced acute lung injury in a rat model through inhibition of NF- κ B activation.

[Therapeutic effects of gastric lavage with fuller earth combined with Qingyill catharsis in treatment of oral paraquat poisoning in rabbits].

Elevated levels of mercapturic acids of acrolein and crotonaldehyde in the urine of Chinese women in Singapore who regularly cook at home.

Coniferyl aldehyde reduces radiation damage through increased protein stability of heat shock transcriptional factor 1 by phosphorylation.

Natural antioxidant betanin protects rats from paraquat-induced acute lung injury interstitial pneumonia.

The distribution in tissues and urine of arsenic metabolites after subchronic exposure to dimethylarsinic acid (DMAV) in rats.

Menthol attenuates respiratory irritation and elevates blood cotinine in cigarette smoke exposed mice.

Activation of auxin signalling counteracts photorespiratory H₂O₂-dependent cell death.

Cinnamaldehyde derivative (CB-PIC) sensitizes chemo-resistant cancer cells to drug-induced apoptosis via suppression of MDR1 and its upstream STAT3 and AKT signalling.

Aryl Hydrocarbon Receptor Protects Lungs from Cockroach Allergen-Induced Inflammation by Modulating Mesenchymal Stem Cells.

Identification of *Scenedosporium boydii* catalase A1 gene, a reactive oxygen species detoxification factor highly expressed in response to oxidative stress and phagocytic cells.

Continuous activation of Nrf2 and its target antioxidant enzymes leads to arsenite-induced malignant transformation of human bronchial epithelial cells.

The aryl hydrocarbon receptor suppresses cigarette-smoke-induced oxidative stress in association with dioxin response element (DRE)-independent regulation of sulfiredoxin 1.

Paraoxonase 1 and cytochrome P450 polymorphisms in susceptibility to acute organophosphorus poisoning in Egyptians.

Aryl hydrocarbon receptor agonists upregulate VEGF secretion from bronchial epithelial cells.

Epigenetic mechanisms underlying arsenic-associated lung carcinogenesis.

Maternal occupational pesticide exposure and risk of congenital heart defects in the National Birth Defects Prevention Study.

2,3,5-Trimethoxy-4-cresol, an anti-metastatic constituent from the solid-state cultured mycelium of *Antrodia cinnamomea* and its mechanism.

Activation of the Prostaglandin E2 receptor EP2 prevents house dust mite-induced airway hyperresponsiveness and inflammation by restraining mast cells' activity.

Human bronchial epithelial BEAS-2B cells, an appropriate in vitro model to study heavy metals induced carcinogenesis.

A Curcumin Derivative That Inhibits Vinyl Carbamate-Induced Lung Carcinogenesis via Activation of the Nrf2 Protective Response.

Increased pulmonary RhoA expression in the nitrofen-induced congenital diaphragmatic hernia rat model.

Persistent reduced oxygen requirement following blood transfusion during recovery from hemorrhagic shock.

Dioxin receptor regulates aldehyde dehydrogenase to block melanoma tumorigenesis and metastasis.

Neuroendocrine factors regulate retinoic acid receptors in normal and hypoplastic lung development.

Activation of the aryl hydrocarbon receptor during development enhances the pulmonary CD4+ T-cell response to viral infection.

Medical interventions to reverse pulmonary hypoplasia in the animal model of congenital diaphragmatic hernia: A systematic review.

Defective parasympathetic innervation is associated with airway branching abnormalities in experimental CDH.

Lower NPAS3 expression during the later stages of abnormal lung development in rat congenital diaphragmatic hernia.

Chronic inorganic arsenic exposure in vitro induces a cancer cell phenotype in human peripheral lung epithelial cells.

The Use of Chemical-Chemical Interaction and Chemical Structure to Identify New Candidate Chemicals Related to Lung Cancer.

Environmental immune disruptors, inflammation and cancer risk.

Kif7 expression is decreased in the diaphragmatic and pulmonary mesenchyme of nitrofen-induced congenital diaphragmatic hernia.

Increased expression of activated pSTAT3 and PIM-1 in the pulmonary vasculature of experimental congenital diaphragmatic hernia.

Involvement of iron depletion in palmitate-induced lipotoxicity of beta cells.

Novel Mitochondrial Cationic Uncoupler C4R1 Is an Effective Treatment for Combating Obesity in Mice.

Increased pulmonary vascular expression of receptor for advanced glycation end products (RAGE) in experimental congenital diaphragmatic hernia.

Ventilation causes pulmonary vascular dilation and modulates the NOS and VEGF pathway on newborn rats with CDH.

Increasing frequency of severe clinical toxicity after use of 2,4-dinitrophenol in the UK: a report from the National Poisons Information Service.

Quantitative analysis of volatile metabolites released in vitro by bacteria of the genus *Stenotrophomonas* for identification of breath biomarkers of respiratory infection in cystic fibrosis.

Prevention of pulmonary hypoplasia and pulmonary vascular remodeling by antenatal simvastatin treatment in nitrofen-induced congenital diaphragmatic hernia.

Chronic cardiovascular disease-associated gene network analysis in human umbilical vein endothelial cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Lysyl oxidase expression is decreased in the developing diaphragm and lungs of nitrofen-induced congenital diaphragmatic hernia.

Metabolic disturbances of the vitamin A pathway in human diaphragmatic hernia.

MicroRNA-21, up-regulated by arsenite, directs the epithelial-mesenchymal transition and enhances the invasive potential of transformed human bronchial epithelial cells by targeting PDCD4.

Prenatal Exposure to Sodium Arsenite Alters Placental Glucose 1, 3, and 4 Transporters in Balb/c Mice.

Decidual β -carotene-15,15'-oxygenase-1 and 2 (BCMO1,2) expression is increased in nitrofen model of congenital diaphragmatic hernia.

Effects of acute hypercapnia with and without acidosis on lung inflammation and apoptosis in experimental acute lung injury.

EPHECT III: Health risk assessment of exposure to household consumer products.

Monomethylarsonous Acid (MMAIII) Has an Adverse Effect on the Innate Immune Response of Human Bronchial Epithelial Cells to *Pseudomonas aeruginosa*.

Seahorse Xfe 24 Extracellular Flux Analyzer-Based Analysis of Cellular Respiration in *Caenorhabditis elegans*.

Simultaneous determination of phenoxyethanol and its major metabolite, phenoxyacetic acid, in rat biological matrices by LC-MS/MS with polarity switching: Application to ADME studies.

The role of thioredoxin reductase and glutathione reductase in plumbagin-induced, reactive oxygen species-mediated apoptosis in cancer cell lines.

Absorption of PCB126 by upper airways impairs G protein-coupled receptor-mediated immune response.

High accumulation of arsenic in the esophagus of mice after exposure to arsenite.

ELECTROCHEMICAL POTENTIAL OF THE INNER MITOCHONDRIAL MEMBRANE AND Ca^{2+} HOMEOSTASIS OF MYOMETRIUM CELLS.

Silymarin attenuates paraquat-induced lung injury via Nrf2-mediated pathway *in vivo* and *in vitro*.

Reproduction of the Medicinal Plant *Pelargonium sidoides* via Somatic Embryogenesis.

The deleterious metabolic and genotoxic effects of the bacterial metabolite p-cresol on colonic epithelial cells.

Protective effects of thalidomide on pulmonary injuries in a rat model of paraquat intoxication.

Endothelial disruptive proinflammatory effects of nicotine and e-cigarette vapor exposures.

Comparative Risks of Aldehyde Constituents in Cigarette Smoke Using Transient Computational Fluid Dynamics/Physiologically Based Pharmacokinetic Models of the Rat and Human Respiratory Tracts.

Pharmacokinetic and Genomic Effects of Arsenite in Drinking Water on Mouse Lung in a 30-Day Exposure.

Mitochondrial Morphology and Fundamental Parameters of the Mitochondrial Respiratory Chain Are Altered in *Caenorhabditis elegans* Strains Deficient in Mitochondrial Dynamics and Homeostasis Processes.

AhR-dependent secretion of PDGF-BB by human classically activated macrophages exposed to DEP extracts stimulates lung fibroblast proliferation.

Clinical features and prognosis of paraquat poisoning: a review of 41 cases.

The Protective Effect of Sodium Ferulate and Oxymatrine Combination on Paraquat-induced Lung Injury.

Regulation of CYP1A1 and Inflammatory Cytokine by NCOA7 Isoform 4 in Response to Dioxin Induced Airway Inflammation.

Human inhalation exposures to toluene, ethylbenzene, and m-xylene and physiologically based pharmacokinetic modeling of exposure biomarkers in exhaled air, blood, and urine.

Regulation of human hepatic drug transporter activity and expression by diesel exhaust particle extract.

[Gender-dependent expression of ER α in arsenic exposed mice offspring's lung tissue].

Ulinastatin suppresses endoplasmic reticulum stress and apoptosis in the hippocampus of rats with acute paraquat poisoning.

Abscisic acid (ABA) regulates grape bud dormancy, and dormancy release stimuli may act through modification of ABA metabolism.

Paraquat Poisoning: Analysis of an Uncommon Cause of Fatal Poisoning from Manipal, South India.

Modulation of aryl hydrocarbon receptor regulated genes by acute administration of trimethylarsine oxide in the lung, kidney and heart of C57BL/6 mice.

Oxidative stress in COPD: molecular background and clinical monitoring.

Adiponectin protects against paraquat-induced lung injury by attenuating oxidative/nitrative stress.

Protective effect of Xuebijing injection on paraquat-induced pulmonary injury via down-regulating the expression of p38 MAPK in rats.

Salidroside alleviates paraquat-induced rat acute lung injury by repressing TGF- β 1 expression.

Acute systemic accumulation of acrolein in mice by inhalation at a concentration similar to that in cigarette smoke.

Continuous renal replacement therapy circuit failure after antidote administration.

The role of p38 MAPK in acute paraquat-induced lung injury in rats.

Ozone therapy ameliorates paraquat-induced lung injury in rats.

Therapeutical effects and mechanism of salubrinal combined with ulinastatin on treating paraquat poisoning.

Paraquat increases connective tissue growth factor expression and impairs lung fibroblast proliferation and viscoelasticity.

Psychiatric comorbidity and its impact on mortality in patients who attempted suicide by paraquat poisoning during 2000-2010.

Glyphosate-rich air samples induce IL-33, TSLP and generate IL-13 dependent airway inflammation.

[Progress on pathogenesis and treatment of paraquat-induced pulmonary fibrosis].

[Progress in the mechanism of cytokine on lung injury caused by acute paraquat poisoning].

[Effect of thalidomide in a mouse model of paraquat-induced acute lung injury and the underlying mechanisms].

Diagnostic and therapeutic approach for acute paraquat intoxication.

Tissue sensitivity of the rat upper and lower extrapulmonary airways to the inhaled electrophilic air pollutants diacetyl and acrolein.

Metallothioneins attenuate paraquat-induced acute lung injury in mice through the mechanisms of anti-oxidation and anti-apoptosis.

Exchange transfusion can be life-saving in severe propanil poisoning: a case report.

Acrolein induced both pulmonary inflammation and the death of lung epithelial cells.

Biochemical effects of glyphosate based herbicide, Excel Mera 71 on enzyme activities of acetylcholinesterase (AChE), lipid peroxidation (LPO), catalase (CAT), glutathione-S-transferase (GST) and protein content on teleostean fishes.

Acrolein-exposed normal human lung fibroblasts in vitro: cellular senescence, enhanced telomere erosion, and degradation of Werner's syndrome protein.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.

Agent Orange exposure and disease prevalence in Korean Vietnam veterans: the Korean veterans health study.

FTY720 attenuates paraquat-induced lung injury in mice.

Toxicity of the herbicide linuron as assessed by bacterial and mitochondrial model systems.

Acrolein induction of oxidative stress and degranulation in mast cells.

Esophageal perforation and death following glyphosate poisoning.

Clinical characteristics of paraquat poisoning in 22 Chinese children.

Hemolytic uremic syndrome associated with paraquat intoxication.

[The efficacy of traditional Chinese medicine in animal model of lung injury induced by paraquat: a meta-analysis].

[Reproduction of acute lung injury model induced by paraquat in piglet].

[The interventional effect of Xuebijing injection on expression of mitochondrial fusion protein 2 and the ultrastructure changes in lung tissues in rats with paraquat poisoning].

[Total flavonoids from *Astragalus complanatus* attenuates lung injury following paraquat poisoning in rats through inhibiting excessive endoplasmic reticulum stress and c-Jun N-terminal kinase pathway].

Methylene blue protects against paraquat-induced acute lung injury in rats.

New insights into antioxidant strategies against paraquat toxicity.

Responses of soil microbial community to different concentration of fomesafen.

Acrolein and asthma attack prevalence in a representative sample of the United States adult population 2000-2009.

Airborne acrolein induces keratin-8 (Ser-73) hyperphosphorylation and intermediate filament ubiquitination in bronchiolar lung cell monolayers.

[Prognosis value of urine paraquat semi-quantitative in the patients with acute paraquat poisoning].

Vocal fold ion transport and mucin expression following acrolein exposure.

Naringenin exerts cytoprotective effect against paraquat-induced toxicity in human bronchial epithelial BEAS-2B cells through NRF2 activation.

Exacerbation of symptoms in agricultural pesticide applicators with asthma.

Adaptation to acrolein through upregulating the protection by glutathione in human bronchial epithelial cells: the materialization of the hormesis concept.

Effect of transforming growth factor- β 1 on acute lung injury caused by paraquat.

Molecular mechanisms of paraquat-induced acute lung injury: a current review.

Systems biology approach for evaluating the biological impact of environmental toxicants in vitro.

[Protective effect of ghrelin against paraquat-induced acute lung injury in mice].

In vitro biological activity of decoction of Joshanda.

Identification of toxicants in cinnamon-flavored electronic cigarette refill fluids.

A single exposure to acrolein desensitizes baroreflex responsiveness and increases cardiac arrhythmias in normotensive and hypertensive rats.

Evaluation of exhaled nitric oxide in acute paraquat poisoning: a pilot study.

[Protective effect and mechanisms of pituitrin on acute paraquat-induced lung injury in rats].

Addition of immunosuppressive treatment to hemoperfusion is associated with improved survival after paraquat poisoning: a nationwide study.

Cytoprotective effect of kaempferol on paraquat-exposed BEAS-2B cells via modulating expression of MUC5AC.

CB2 receptor activation ameliorates the proinflammatory activity in acute lung injury induced by paraquat.

Therapeutic effect of magnesium isoglycyrrhizinate in rats on lung injury induced by paraquat poisoning.

[Curcumin reduces paraquat-induced oxidative injury in A549 cells by activation of the Nrf2-ARE pathway].

Hemodialysis clearance of glyphosate following a life-threatening ingestion of glyphosate-surfactant herbicide.

Characterization of intracellular inclusions in the urothelium of mice exposed to inorganic arsenic.

Agent Orange exposure and risk of death in Korean Vietnam veterans: Korean Veterans Health Study.

Protective effects of intranasal curcumin on paraquat induced acute lung injury (ALI) in mice.

Atorvastatin attenuates the paraquat-induced pulmonary inflammation via PPAR γ receptors: a new indication for atorvastatin.

Statil suppresses cancer cell growth and proliferation by the inhibition of tumor marker AKR1B10.

Imbalance of caveolin-1 and eNOS expression in the pulmonary vasculature of experimental diaphragmatic hernia.

Effect of lung fibrosis on glycogen content in different extrapulmonary tissues.

Metabolism of propylisulfuron: ¹⁴C excretion, ¹⁴C concentration in plasma and tissues, and amount of metabolites in rats.

[The effect of selective phosphatase inhibitors Salubrinal on autophagy and apoptosis in the lung tissue of rats with acute paraquat poisoning].

Acrolein relaxes mouse isolated tracheal smooth muscle via a TRPA1-dependent mechanism.

Acrolein activates cell survival and apoptotic death responses involving the endoplasmic reticulum in A549 lung cells.

The dormancy-breaking stimuli "chilling, hypoxia and cyanamide exposure" up-regulate the expression of α -amylase genes in grapevine buds.

Health effects and arsenic species in urine of copper smelter workers.

Prenatal administration of neuropeptide bombesin promotes lung development in a rat model of nitrofen-induced congenital diaphragmatic hernia.

Prenatal administration of all-trans retinoic acid upregulates leptin signaling in hypoplastic rat lungs with experimental congenital diaphragmatic hernia.

Increased pulmonary vascular expression of Kr μ ppel-like factor 5 and activated survivin in experimental congenital diaphragmatic hernia.

Cognitive impairment associated with low ferritin responsive to iron supplementation.

Antenatal use of bosentan and/or sildenafil attenuates pulmonary features in rats with congenital diaphragmatic hernia.

Effects of developmental activation of the AhR on CD4+ T-cell responses to influenza virus infection in adult mice.

Effect of mitochondrial metabolism-interfering agents on cancer cell mitochondrial function and radio/chemosensitivity.

Epimorphin expression in a rat model of pulmonary hypoplasia associated with congenital diaphragmatic hernia.

Evidence for decreased lipofibroblast expression in hypoplastic rat lungs with congenital diaphragmatic hernia.

Nitrofen increases total retinol levels in placenta during lung morphogenesis in the nitrofen model of congenital diaphragmatic hernia.

Monitoring chlorinated persistent organic pollutants in adolescents in Flanders (Belgium): concentrations, trends and dose-effect relationships (FLEHS II).

Therapeutic potential of mesenchymal stem cell transplantation in a nitrofen-induced congenital diaphragmatic hernia rat model.

Mitochondrial reactive oxygen species production and respiratory complex activity in rats with pressure overload-induced heart failure.

Doppler parameters of fetal lung hypoplasia and impact of sildenafil.

The importance of heart murmur in the neonatal period and justification of echocardiographic review.

The involvement of the Mid1/Cch1/Yvc1 calcium channels in *Aspergillus fumigatus* virulence.

Lung tumors in mice induced by "whole-life" inorganic arsenic exposure at human-relevant doses.

Clinical and etiological heterogeneity in patients with tracheo-esophageal malformations and associated anomalies.

The aryl hydrocarbon receptor ligand omeprazole inhibits breast cancer cell invasion and metastasis.

Amphiphilic block copolymers bearing six-membered ortho ester ring in side chains as potential drug carriers: synthesis, characterization, and in vivo toxicity evaluation.

Postnatal development of eupneic ventilation and metabolism in rats chronically exposed to moderate hyperoxia.

TCDD promotes lung tumors via attenuation of apoptosis through activation of the Akt and ERK1/2 signaling pathways.

Prenatal retinoic acid increases lipofibroblast expression in hypoplastic rat lungs with experimental congenital diaphragmatic hernia.

Upregulation of serotonin-receptor-2a and serotonin transporter expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Increased uptake of dietary retinoids at the maternal-fetal barrier in the nitrofen model of congenital diaphragmatic hernia.

Amniotic fluid derived mesenchymal stromal cells augment fetal lung growth in a nitrofen explant model.

Relationship between urine dichlorophenol levels and asthma morbidity.

Aryl hydrocarbon receptor (AhR) agonists increase airway epithelial matrix metalloproteinase activity.

Standardization of pulmonary ventilation technique using volume-controlled ventilators in rats with congenital diaphragmatic hernia.

Iron supplementation does not worsen respiratory health or alter the sputum microbiome in cystic fibrosis.

Ulceration of the oral mucosa following direct contact with ferrous sulfate in elderly patients: a case report and a review of the French National Pharmacovigilance Database.

Downregulation of p300 gene expression in airway mesenchyme of nitrofen-induced hypoplastic lungs.

The regulation of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-induced lung tumor promotion by estradiol in female A/J mice.

Expression of Eya1 and Six1 is decreased in distal airways of rats with experimental pulmonary hypoplasia.

VEGF receptor expression decreases during lung development in congenital diaphragmatic hernia induced by nitrofen.

Disruption of THY-1 signaling in alveolar lipofibroblasts in experimentally induced congenital diaphragmatic hernia.

Decreased apelin and apelin-receptor expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Prenatal administration of retinoic acid increases the trophoblastic insulin-like growth factor 2 protein expression in the nitrofen model of congenital diaphragmatic hernia.

Pulmonary FGF9 gene expression is downregulated during the pseudoglandular stage in nitrofen-induced hypoplastic lungs.

Accidental exposure to polychlorinated biphenyls (PCB) in waste cargo after heavy seas. Global waste transport as a source of PCB exposure.

Chronic exposure to chlorophenol related compounds in the pesticide production workplace and lung cancer: a meta-analysis.

Sildenafil stimulates and dexamethasone inhibits pulmonary vascular development in congenital diaphragmatic hernia rat lungs.

Aryl hydrocarbon receptor (AhR) modulates cockroach allergen-induced immune responses through active TGF β 1 release.

Bronchial stenosis following ferrous sulfate aspiration: Case report and review of the literature.

Effects of sivelestat treatment on acute lung injury in paraquat-intoxicated rats.

The toxic chemistry of methyl bromide.

Mutation spectra of Kras and Tp53 in urethral and lung neoplasms in B6C3F1 mice treated with 3,3',4,4'-tetrachloroazobenzene.

The preventive effect of atorvastatin on paraquat-induced pulmonary fibrosis in the rats.

Inhalable constituents of thirdhand tobacco smoke: chemical characterization and health impact considerations.

BMP4 and LGL1 are Down Regulated in an Ovine Model of Congenital Diaphragmatic Hernia.

Acute paraquat poisoning with sinus bradycardia: A case report.

Aryl hydrocarbon receptor-dependent regulation of miR-196a expression controls lung fibroblast apoptosis but not proliferation.

Toll-like receptor 4 implicated in acute lung injury induced by paraquat poisoning in mice.

Quantitative analysis of volatile organic compounds released and consumed by rat L6 skeletal muscle cells in vitro.

Differential susceptibility of human peripheral blood T cells to suppression by environmental levels of sodium arsenite and monomethylarsonous acid.

Glyphosate poisoning with acute pulmonary edema.

Effects of fullerene nanoparticles on acetamiprid induced cytotoxicity and genotoxicity in cultured human lung fibroblasts.

Critical role of cellular glutathione homeostasis for trivalent inorganic arsenite-induced oxidative damage in human bronchial epithelial cells.

Histological and histometrical study of the protective role of α -tocopherol against sodium arsenite toxicity in rat ovaries.

[The first stage of toxicology evaluation and analysis of 1502 pesticide samples].

Ameliorative effect of *Matricaria chamomilla* .L on paraquat: Induced oxidative damage in lung rats.

A case report of acute severe paraquat poisoning and long-term follow-up.

An aberrant leukotriene A4 hydrolase-proline-glycine-proline pathway in the pathogenesis of chronic obstructive pulmonary disease.

Children's exposure to secondhand and thirdhand smoke carcinogens and toxicants in homes of hookah smokers.

Effect of paraquat-induced oxidative stress on gene expression and aging of the filamentous ascomycete *Podospora anserina*.

Environmentally persistent free radicals inhibit cytochrome P450 activity in rat liver microsomes.

Demographics, clinical characteristics and management of herbicide poisoning in tertiary care hospital.

Mitochondrial targeting of cytochrome P450 (CYP) 1B1 and its role in polycyclic aromatic hydrocarbon-induced mitochondrial dysfunction.

Edaravone decreases paraquat toxicity in A549 cells and lung isolated mitochondria.

Next-generation airbags and the possibility of negative outcomes due to thoracic injury.

Plant extracts of the family Lauraceae: a potential resource for chemopreventive agents that activate the nuclear factor-erythroid 2-related factor 2/antioxidant response element pathway.

[Effect of synchronous perfusion of NaN₃ in changes in content of cholinergic neurotransmitter in medial prefrontal cortex and hippocampal extra-cellular fluid].

Adaptive response of *Amphibacillus xylanus* to normal aerobic and forced oxidative stress conditions.

Urinary metabolites of a polycyclic aromatic hydrocarbon and volatile organic compounds in relation to lung cancer development in lifelong never smokers in the Shanghai Cohort Study.

Republished study: long-term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize.

Effect of SP-A/B in lipoic acid on acute paraquat poisoning.

Inhaled environmental allergens and toxicants as determinants of the asthma phenotype.

Maternal concentrations of persistent organochlorine pollutants and the risk of asthma in offspring: results from a prospective cohort with 20 years of follow-up.

Isolation of a high malic and low acetic acid-producing sake yeast *Saccharomyces cerevisiae* strain screened from respiratory inhibitor 2,4-dinitrophenol (DNP)-resistant strains.

Predictors of acute respiratory distress syndrome in patients with paraquat intoxication.

Does drug-induced emphysema exist?

Oral lesions and pulmonary fibrosis after ingesting grapes.

Aldose reductase regulates acrolein-induced cytotoxicity in human small airway epithelial cells.

Quercetin reduces oxidative damage induced by paraquat via modulating expression of antioxidant genes in A549 cells.

Cancer incidence in Korean Vietnam veterans during 1992-2003: the Korean veterans health study.

Mechanisms involved in oxidative stress regulation.

Factors associated with severe effects following acute glufosinate poisoning.

Mechanisms of permanent loss of olfactory receptor neurons induced by the herbicide 2,6-dichlorobenzonitrile: effects on stem cells and noninvolvement of acute induction of the inflammatory cytokine IL-6.

Using bosentan to treat paraquat poisoning-induced acute lung injury in rats.

Effect of acrolein, a hazardous air pollutant in smoke, on human middle ear epithelial cells.

Inhibitory effects of rosiglitazone on paraquat-induced acute lung injury in rats.

Methylene blue protects against paraquat-induced acute lung injury in rats.

Proteomic analysis of rat cerebral cortex following subchronic acrolein toxicity.

Effect of methylsulfonylmethane on paraquat-induced acute lung and liver injury in mice.

Paraquat poisoning induces TNF- α -dependent iNOS/NO mediated hyporesponsiveness of the aorta to vasoconstrictors in rats.

Tissue concentration of paraquat on day 32 after intoxication and failed bridge to transplantation by extracorporeal membrane oxygenation therapy.

Agent Orange exposure and prevalence of self-reported diseases in Korean Vietnam veterans.

Effect of intravenous lipid emulsion in patients with acute glyphosate intoxication.

Photocatalytic degradation of the herbicide clomazone in natural water using TiO₂: kinetics, mechanism, and toxicity of degradation products.

Paraquat-induced convulsion and death: a report of five cases.

Protective effects of naringin against paraquat-induced acute lung injury and pulmonary fibrosis in mice.

Docosahexaenoic acid (DHA) ameliorates paraquat-induced pulmonary fibrosis in rats possibly through up-regulation of Smad 7 and SnoN.

Propanil-induced histopathological changes in the liver and kidney of mice.

[The relationship of endoplasmic reticulum stress with paraquat induced lung fibrosis in rats].

CT imaging as a prognostic indicator for patients with pulmonary injury from acute paraquat poisoning.

[Effects of pyrrolidine dithiocarbamate on expressions of α -smooth muscle actin, integrin α 5 and fibronectin in acute paraquat poisoned rats].

Paraquat poisoning in pediatric patients.

In vitro effects of aldehydes present in tobacco smoke on gene expression in human lung alveolar epithelial cells.

Hypoxia stress test reveals exaggerated cardiovascular effects in hypertensive rats after exposure to the air pollutant acrolein.

Sodium tauroursodeoxycholate prevents paraquat-induced cell death by suppressing endoplasmic reticulum stress responses in human lung epithelial A549 cells.

Determination of glyphosate and AMPA in blood and urine from humans: about 13 cases of acute intoxication.

In vitro toxicological characterisation of the S-containing arsenic metabolites thio-dimethylarsinic acid and dimethylarsinic glutathione.

[Effect of thalidomide in a mouse model of paraquat-induced acute lung injury and the underlying mechanisms].

Mutagenic/recombinogenic effects of four lipid peroxidation products in Drosophila.

Acrolein-induced activation of mitogen-activated protein kinase signaling is mediated by alkylation of thioredoxin reductase and thioredoxin 1.

Severe chlorate poisoning successfully treated with methylene blue.

Ratio of angiopoietin-2 to angiopoietin-1 predicts mortality in acute lung injury induced by paraquat.

Renal replacement therapy in acute poisonings--one center experience.

Cytoprotective effect of alpha-lipoic acid on paraquat-exposed human bronchial epithelial cells via activation of nuclear factor erythroid related factor-2 pathway.

[Intervention of pyrrolidine dithiocarbamate on expressions of connective tissue growth factor, type I collagen, and type III collagen in acute paraquat poisoned rats].

Acute kidney injury following Paraquat poisoning in India.

Docosahexaenoic acid (DHA) attenuated paraquat induced lung damage in mice.

Amelioration of paraquat-induced pulmonary injury by mesenchymal stem cells.

Effect of CpG methylation at different sequence context on acrolein- and BPDE-DNA binding and mutagenesis.

A nationwide evidence-based study of factors associated with hospitalisations due to unintentional poisoning and poisoning mortality in Taiwan.

The antidote effect of quinone oxidoreductase 2 inhibitor against paraquat-induced toxicity in vitro and in vivo.

Are the smoking-induced diseases an acquired form of cystic fibrosis?

Slow accumulation of mutations in Xpc^{-/-} mice upon induction of oxidative stress.

Cigarette smoke induces systemic defects in cystic fibrosis transmembrane conductance regulator function.

Antifibrotic effect of atorvastatin on paraquat-induced pulmonary fibrosis: role of PPAR γ receptors.

Metabolic shift in lung alveolar cell mitochondria following acrolein exposure.

Acrolein exposure suppresses antigen-induced pulmonary inflammation.

Anti-inflammatory effect of thalidomide in paraquat-induced pulmonary injury in mice.

Expression and significance of HIF-1 α in pulmonary fibrosis induced by paraquat.

Bronchoconstriction induced by increasing airway temperature in ovalbumin-sensitized rats: role of tachykinins.

The dose of cyclophosphamide for treating paraquat-induced rat lung injury.

Cyclophosphamide dose: how much is needed to win the war against paraquat poisoning?

Identification of aldo-keto reductases as NRF2-target marker genes in human cells.

2-Hydroxycinnamaldehyde inhibits the epithelial-mesenchymal transition in breast cancer cells.

The ultra-early protective effect of ulinastatin on rabbit acute lung injury induced by paraquat.

Combined treatment with bone marrow mesenchymal stem cells and methylprednisolone in paraquat-induced acute lung injury.

A cigarette component acrolein induces accelerated senescence in human diploid fibroblast IMR-90 cells.

[Distribution of arsenic species and its DNA damage in subchronic arsenite-exposed mice].

Can mitochondrial dysfunction be initiated by dissociative electron attachment to xenobiotics?

Impaired chemoreflex sensitivity during septic shock induced by cecal ligation and perforation.

Protein-bound uremic toxins stimulate crosstalk between leukocytes and vessel wall.

Mechanical ventilation causes pulmonary mitochondrial dysfunction and delayed alveolarization in neonatal mice.

Dioxin and estrogen signaling in lung adenocarcinoma cells with different aryl hydrocarbon receptor/estrogen receptor \pm phenotypes.

The dioxin receptor has tumor suppressor activity in melanoma growth and metastasis.

[Protective effects of exogenous reduced glutathione on sodium arsenite-induced genotoxicity and oxidative stress].

Spatiotemporal alterations in Sprouty-2 expression and tyrosine phosphorylation in nitrofen-induced pulmonary hypoplasia.

Expression of Sproutys and SPREDs is decreased during lung branching morphogenesis in nitrofen-induced pulmonary hypoplasia.

Pulmonary FGF-18 gene expression is downregulated during the canalicular-saccular stages in nitrofen-induced hypoplastic lungs.

Involvement of HIF-2 \pm -mediated inflammation in arsenite-induced transformation of human bronchial epithelial cells.

Effect of simultaneous supplementation of vitamin A and iron on diarrheal and respiratory tract infection in preschool children in Chengdu City, China.

Expression of zinc-deficient human superoxide dismutase in Drosophila neurons produces a locomotor defect linked to mitochondrial dysfunction.

Cytologic and histologic findings of iron pill-induced injury of the lower respiratory tract.

The mitochondrial dysfunction plays an important role in urethane-induced lung carcinogenesis.

Dual role of resveratrol in modulation of genotoxicity induced by sodium arsenite via oxidative stress and apoptosis.

Arsenic induced toxicity and histopathological changes in gill and liver tissue of freshwater fish, tilapia (*Oreochromis mossambicus*).

Mitochondrial respiratory chain dysfunction modulates metalloproteases -1, -3 and -13 in human normal chondrocytes in culture.

Downregulated bone morphogenetic protein signaling in nitrofen-induced congenital diaphragmatic hernia.

Disruption of the bone morphogenetic protein receptor 2 pathway in nitrofen-induced congenital diaphragmatic hernia.

Role of the Toll Like receptor (TLR) radical cycle in chronic inflammation: possible treatments targeting the TLR4 pathway.

Relationship between the autoantibody and expression of β -adrenoceptor in lung and heart.

[Effectiveness of iron amino acid chelate versus ferrous sulfate as part of a food complement in preschool children with iron deficiency, Medellín, 2011].

Aberrant pulmonary lymphatic development in the nitrofen mouse model of congenital diaphragmatic hernia.

[Effects of icariin on beta-amyloid and neurotrophic factors in brain of mitochondrial deficiency model rats].

The weeding of *Ambrosia artemisiifolia* and sanitary risks.

Action of hexachlorobenzene on tumor growth and metastasis in different experimental models.

Aryl hydrocarbon receptor and lung cancer.

Health risk assessment of occupational exposure to hazardous volatile organic compounds in swine gestation, farrowing and nursery barns.

Cases from NACCT acute and intensive care symposium: altered mental status, seizures, and rash in a fumigation company employee.

Amniotic lamellar body count and congenital diaphragmatic hernia in humans and in a rat model.

Uncoupling mitochondrial activity maintains body [Formula: see text] during hemorrhage-induced O₂ deficit in the anesthetized rat.

Exhaled breath and fecal volatile organic biomarkers of chronic kidney disease.

Genetic susceptibility to dioxin-like chemicals' induction of cytochrome P4501A2 in the human adult linked to specific AhRR polymorphism.

Urinary p-cresol in autism spectrum disorder.

Potential carcinogenic effects of world trade center dust after intratracheal instillation to Sprague-Dawley rats: first observation.

[Halitosis concomitant with chronic ENT pathology in children].

Bronchial stenosis after iron pill aspiration.

Increased activation of NADPH oxidase 4 in the pulmonary vasculature in experimental diaphragmatic hernia.

Decreased pulmonary c-Cbl expression and tyrosine phosphorylation in the nitrofen-induced rat model of congenital diaphragmatic hernia.

Increased trophoblastic apoptosis mediated by neutrophil gelatinase-associated lipocalin (NGAL) activation in the nitrofen model of congenital diaphragmatic hernia.

Amniotic fluid stem cells rescue both in vitro and in vivo growth, innervation, and motility in nitrofen-exposed hypoplastic rat lungs through paracrine effects.

Timing and expression of the angiopoietin-1-Tie-2 pathway in murine lung development and congenital diaphragmatic hernia.

Modulation of aryl hydrocarbon receptor-regulated genes by acute administration of ammonium metavanadate in kidney, lung and heart of C57BL/6 mice.

Surface fluorescence studies of tissue mitochondrial redox state in isolated perfused rat lungs.

Induction of apoptotic death and retardation of neuronal differentiation of human neural stem cells by sodium arsenite treatment.

Protective effects of pulmonary epithelial lining fluid on oxidative stress and DNA single-strand breaks caused by ultrafine carbon black, ferrous sulphate and organic extract of diesel exhaust particles.

The accumulations of HIF-1 α and HIF-2 α by JNK and ERK are involved in biphasic effects induced by different levels of arsenite in human bronchial epithelial cells.

Visible light alters yeast metabolic rhythms by inhibiting respiration.

Sodium arsenite and arsenic trioxide differently affect the oxidative stress, genotoxicity and apoptosis in A549 cells: an implication for the paradoxical mechanism.

A case of occupational asthma in a plastic injection process worker.

Novel Fluorometric Tool to Assess Mitochondrial Redox State of Isolated Perfused Rat Lungs after Exposure to Hyperoxia.

Paraquat poisoning: experience in hospital taiping (year 2008 - october 2011).

Paraquat Exposure Up-regulates Cyclooxygenase-2 in the Lungs, Liver and Kidneys in Rats.

Resveratrol stimulates mitochondrial bioenergetics to protect retinal pigment epithelial cells from oxidative damage.

Spectrum of corrosive esophageal injury after intentional paraquat or glyphosate-surfactant herbicide ingestion.

Study the catalyzing mechanism of dissolved redox mediators on bio-denitrification by metabolic inhibitors.

Sepiapterin reductase mediates chemical redox cycling in lung epithelial cells.

Paraquat - A deadly poison: Report of a case and review.

Critical role of aldehydes in cigarette smoke-induced acute airway inflammation.

Application of the electronic nose technique to differentiation between model mixtures with COPD markers.

The mitochondrial unfolded protein response activator ATFS-1 protects cells from inhibition of the mevalonate pathway.

Toxicity detection of sodium nitrite, borax and aluminum potassium sulfate using electrochemical method.

Pulmonary GLP-1 receptor increases at birth and exogenous GLP-1 receptor agonists augmented surfactant-protein levels in litters from normal and nitrofen-treated pregnant rats.

A novel colorimetric biosensor for monitoring and detecting acute toxicity in water.

Therapeutic effects of smecta or smectite powder on rats with paraquat toxication.

Binding interaction between (-)-epigallocatechin gallate causes impaired spreading of cancer cells on fibrinogen.

Ameliorative Effects of Acacia Honey against Sodium Arsenite-Induced Oxidative Stress in Some Viscera of Male Wistar Albino Rats.

Treatment of mice with 2,3,7,8-Tetrachlorodibenzo-p-dioxin markedly increases the levels of a number of cytochrome P450 metabolites of omega-3 polyunsaturated fatty acids in the liver and lung.

Cancer incidence in pulmonary vasculitis.

Changes in the expression of vascular endothelial growth factor after fetal tracheal occlusion in an experimental model of congenital diaphragmatic hernia.

Enhanced expression of cystine/glutamate transporter in the lung caused by the oxidative-stress-inducing agent paraquat.

Therapeutic potential of intravenous Xuebijing on transforming growth factor beta1 and procollagen type III peptide in patients with acute paraquat poisoning.

Paraquat-induced pulmonary fibrosis starts at an early stage of inflammation in rats.

Pesticide use, immunologic conditions, and risk of non-Hodgkin lymphoma in Canadian men in six provinces.

Cigarette smoke and its component acrolein augment IL-8/CXCL8 mRNA stability via p38 MAPK/MK2 signaling in human pulmonary cells.

[Effects of human umbilical cord mesenchymal stem cells in the treatment of paraquat-induced lung injury].

Long term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize.

Biochemical and histological evaluation of kidney damage after sub-acute exposure to 2,4-dichlorophenoxyacetic herbicide in rats: involvement of oxidative stress.

Chaperone heat shock protein 90 mobilization and hydralazine cytoprotection against acrolein-induced carbonyl stress.

Nrf2 protects against diquat-induced liver and lung injury.

Paraquat induces lung alveolar epithelial cell apoptosis via Nrf-2-regulated mitochondrial dysfunction and ER stress.

Spectrum of toxic hepatitis following intentional paraquat ingestion: analysis of 187 cases.

[Influence factors for prognosis in patients with acute oral poisoning with paraquat].

[Experimental study on the therapeutic effect of C-phycoyanin against pulmonary fibrosis induced by paraquat in rats].

[Optimal conditions of bone marrow mesenchymal stem cells on paraquat-induced acute lung injury in rats].

The time between paraquat ingestion and a negative dithionite urine test in an independent risk factor for death and organ failure in acute paraquat intoxication.

Effect of pirfenidone on pulmonary fibrosis due to paraquat poisoning in rats.

Antioxidant effects of selenium on lung injury in paraquat intoxicated rats.

Pathological and toxicological findings in glyphosate-surfactant herbicide fatality: a case report.

Antioxidant effect of silymarin on paraquat-induced human lung adenocarcinoma A549 cell line.

Comparison of TRPA1-versus TRPV1-mediated cough in guinea pigs.

Prior exposure to acrolein accelerates pulmonary inflammation in influenza A-infected mice.

The role of pentraxin-3 as a prognostic biomarker in paraquat poisoning.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.

Acrolein effects in pulmonary cells: relevance to chronic obstructive pulmonary disease.

Sensory irritation response in rats II: recovery and dose-dependence.

[Expression of the 4-hydroxynonenal in lung tissue in rats with paraquat poisoned and the effect of ulinastatin].

Acute human glufosinate-containing herbicide poisoning.

Bark extract of *Bathysa cuspidata* attenuates extra-pulmonary acute lung injury induced by paraquat and reduces mortality in rats.

Paraquat application and respiratory health effects among South Korean farmers.

[Study the effects of *Salvia miltiorrhiza* monomer IH764-3 on the expression of matrix metalloproteinase in lungs of rats exposed to Paraquat (PQ)].

Effects of RNA interference-induced Smad3 gene silencing on pulmonary fibrosis caused by paraquat in mice.

Successful treatment of patients with paraquat intoxication: three case reports and review of the literature.

[Paraquat poisoning. Case report and overview].

Overexpression of TFAM, NRF-1 and myr-AKT protects the MPP(+)-induced mitochondrial dysfunctions in neuronal cells.

[The relationship between HIF-1 α expression and the early lung fibrosis in rats with acute paraquat poisoning].

Differential gene expression responses distinguish contact and respiratory sensitizers and nonsensitizing irritants in the local lymph node assay.

Melatonin suppresses acrolein-induced IL-8 production in human pulmonary fibroblasts.

Renal, hepatic, pulmonary and adrenal tumors induced by prenatal inorganic arsenic followed by dimethylarsinic acid in adulthood in CD1 mice.

[Presentation of a case of Paraquat poisoning].

[Experimental anticoagulant therapy of acute lung injury induced by paraquat].

Effects of manganese and arsenic species on the level of energy related nucleotides in human cells.

Plasma dioxin levels and cause-specific mortality in an occupational cohort of workers exposed to chlorophenoxy herbicides, chlorophenols and contaminants.

Protective effect of methylprednisolone on paraquat-induced A549 cell cytotoxicity via induction of efflux transporter, P-glycoprotein expression.

Sequential organ failure assessment score can predict mortality in patients with paraquat intoxication.

Acrolein induces endoplasmic reticulum stress and causes airspace enlargement.

Developmental exposure to diuron causes splenotoxicity in male Sprague-Dawley rat pups.

Effect of chronic pesticide exposure in farm workers of a Mexico community.

A longer tracheal occlusion period results in increased lung growth in the nitrofen rat model.

The tobacco smoke component, acrolein, suppresses innate macrophage responses by direct alkylation of c-Jun N-terminal kinase.

Elevated neutrophil elastase and acrolein-protein adducts are associated with W256 regression.

Transient receptor potential channels mediate the tussive response to prostaglandin E2 and bradykinin.

[Effect of acrolein exposure on the percentage of CD4⁺CD25⁺ regulatory T cells and expression of transcription factor Foxp3 in asthmatic rats].

Resveratrol inhibits paraquat-induced oxidative stress and fibrogenic response by activating the nuclear factor erythroid 2-related factor 2 pathway.

Molecular characterization of the putative transcription factor SebA involved in virulence in *Aspergillus fumigatus*.

Quantification of paraquat in postmortem samples by gas chromatography-ion trap mass spectrometry and review of the literature.

2-methoxycinnamaldehyde from *Cinnamomum cassia* reduces rat myocardial ischemia and reperfusion injury in vivo due to HO-1 induction.

Mitochondrial ROS-K⁺ channel signaling pathway regulated secretion of human pulmonary artery endothelial cells.

[Effects of high temperature and hydrogen cyanamide on dormant nectarine's floral bud respiratory metabolism].

Comparative computational modeling of airflows and vapor dosimetry in the respiratory tracts of rat, monkey, and human.

Hypoxia and hydrogen cyanamide induce bud-break and up-regulate hypoxic responsive genes (HRG) and VvFT in grapevine-buds.

Effect of carcinogenic acrolein on DNA repair and mutagenic susceptibility.

A lung dosimetry model of vapor uptake and tissue disposition.

Disruption of alternative NAD(P)H dehydrogenases leads to decreased mitochondrial ROS in *Neurospora crassa*.

Thioredoxin reductase deficiency potentiates oxidative stress, mitochondrial dysfunction and cell death in dopaminergic cells.

Increased expression of SVCT2 in a new mouse model raises ascorbic acid in tissues and protects against paraquat-induced oxidative damage in lung.

Impairment of carbon metabolism induced by the herbicide glyphosate.

Mitochondrial function is involved in regulation of cholesterol efflux to apolipoprotein (apo)A-I from murine RAW 264.7 macrophages.

Autophagy is a cell self-protective mechanism against arsenic-induced cell transformation.

Repeated dose toxicity and relative potency of 1,2,3,4,6,7-hexachloronaphthalene (PCN 66) 1,2,3,5,6,7-hexachloronaphthalene (PCN 67) compared to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) for induction of CYP1A1, CYP1A2 and thymic atrophy in female Harlan Sprague-Dawley rats.

Reduction of Na⁺, K⁺-ATPase activity and expression in cerebral cortex of glutaryl-CoA dehydrogenase deficient mice: a possible mechanism for brain injury in glutaric aciduria type I.

Invited review: Efficacy, metabolism, and toxic responses to chlorate salts in food and laboratory animals.

Poly (lactide-co-glycolide) encapsulated extract of *Phytolacca decandra* demonstrates better intervention against induced lung adenocarcinoma in mice and on A549 cells.

Suicidal sodium azide intoxication: An analytical challenge based on a rare case.

Expression and purification of coronavirus envelope proteins using a modified \hat{I}^2 -barrel construct.

Mortality study of chemical workers exposed to dioxins: follow-up 23 years after chemical plant closure.

Relationship between respiration deficiency and azole resistance in clinical *Candida glabrata*.

Mechanistic exploration of AhR-mediated host protection against *Streptococcus pneumoniae* infection.

Optimization of a histopathological biomarker for sphingomyelin accumulation in acid sphingomyelinase deficiency.

FICZ, a tryptophan photoproduct, suppresses pulmonary eosinophilia and Th2-type cytokine production in a mouse model of ovalbumin-induced allergic asthma.

Mitochondrial inhibition in rat retinal cell cultures as a model of metabolic compromise: mechanisms of injury and neuroprotection.

Yusho: 43 years later.

Oxidative stress fuels *Trypanosoma cruzi* infection in mice.

Prenatal retinoic acid improves lung vascularization and VEGF expression in CDH rat.

Antenatal imatinib treatment reduces pulmonary vascular remodeling in a rat model of congenital diaphragmatic hernia.

Tumors and proliferative lesions in adult offspring after maternal exposure to methylarsonous acid during gestation in CD1 mice.

Novel method for simultaneous determination of p-cresylsulphate and p-cresylglucuronide: clinical data and pathophysiological implications.

Alterations of peroxisome proliferator-activated receptor \hat{I}^3 and monocyte chemoattractant protein 1 gene expression in the nitrofen-induced hypoplastic lung.

Pulmonary function reductions among potentially susceptible subgroups of agricultural workers in Colorado and Nebraska.

Treatment with endotracheal therapeutics after sarin microinstillation inhalation exposure increases blood cholinesterase levels in guinea pigs.

Aryl hydrocarbon receptor (AhR) regulates silica-induced inflammation but not fibrosis.

Local fetal lung renin-angiotensin system as a target to treat congenital diaphragmatic hernia.

Aldehyde dehydrogenases and cell proliferation.

Defective pulmonary innervation and autonomic imbalance in congenital diaphragmatic hernia.

Prenatal retinoic acid upregulates connexin 43 (Cx43) gene expression in pulmonary hypoplasia in the nitrofen-induced congenital diaphragmatic hernia rat model.

Nitrofen interferes with trophoblastic expression of retinol-binding protein and transthyretin during lung morphogenesis in the nitrofen-induced congenital diaphragmatic hernia model.

Upregulation of fibroblast growth factor receptor 2 and 3 in the late stages of fetal lung development in the nitrofen rat model.

Smad1 and WIF1 genes are downregulated during saccular stage of lung development in the nitrofen rat model.

Up-regulation of osteopontin expression by aryl hydrocarbon receptor via both ligand-dependent and ligand-independent pathways in lung cancer.

Evidence of a suffocation alarm system within the periaqueductal gray matter of the rat.

ANG-1 TIE-2 and BMPR signalling defects are not seen in the nitrofen model of pulmonary hypertension and congenital diaphragmatic hernia.

The pulmonary mesenchymal tissue layer is defective in an in vitro recombinant model of nitrofen-induced lung hypoplasia.

Aryl hydrocarbon receptor agonists induce microRNA-335 expression and inhibit lung metastasis of estrogen receptor negative breast cancer cells.

Akt activation is responsible for enhanced migratory and invasive behavior of arsenic-transformed human bronchial epithelial cells.

Retinoic acid rescues deficient airway innervation and peristalsis of hypoplastic rat lung explants.

Bronchoscopic and histological changes over time following acute ferrous sulphate tablet aspiration.

Ozone toxicity and walking response of populations of *Sitophilus zeamais* (Coleoptera: Curculionidae).

Permeation and metabolism of cocaine in the nasal mucosa.

Environmentally persistent free radicals decrease cardiac function and increase pulmonary artery pressure.

Simultaneous analysis of 28 urinary VOC metabolites using ultra high performance liquid chromatography coupled with electrospray ionization tandem mass spectrometry (UPLC-ESI/MSMS).

Anaerobic respiration using a complete oxidative TCA cycle drives multicellular swarming in *Proteus mirabilis*.

Poor air quality in classrooms related to asthma and rhinitis in primary schoolchildren of the French 6 Cities Study.

Effect of mercury on aryl hydrocarbon receptor-regulated genes in the extrahepatic tissues of C57BL/6 mice.

Differential modulation of aryl hydrocarbon receptor regulated enzymes by arsenite in the kidney, lung, and heart of C57BL/6 mice.

Osmosensitive changes of carbohydrate metabolism in response to cellulose biosynthesis inhibition.

Oxidant-induced cell death and Nrf2-dependent antioxidative response are controlled by Fra-1/AP-1.

Suppressive effects of *Schizandra chinensis* Baillon water extract on allergy-related cytokine generation and degranulation in IgE-antigen complex-stimulated RBL-2H3 cells.

Preliminary evaluation of the human relevance of respiratory tumors observed in rodents exposed to naphthalene.

Urinary levels of volatile organic carcinogen and toxicant biomarkers in relation to lung cancer development in smokers.

Comparing performance of three oscillating positive expiratory pressure devices at similar amplitude and frequencies of oscillations on displacement of mucus inside trachea during cough.

Acute inhalation study of allyl alcohol for derivation of acute exposure guideline levels.

Changes in expression of drug-metabolizing enzymes by single-walled carbon nanotubes in human respiratory tract cells.

Multidrug resistance protein (MRP) 4 attenuates benzo[a]pyrene-mediated DNA-adduct formation in human bronchoalveolar H358 cells.

A method to estimate the chronic health impact of air pollutants in U.S. residences.

Mast cells in the intestine and gills of the sea bream, *Sparus aurata*, exposed to a polychlorinated biphenyl, PCB 126.

Characterization of TCHQ-induced genotoxicity and mutagenesis using the pSP189 shuttle vector in mammalian cells.

The relationship between platelet endothelial cell adhesion molecule-1 and paraquat-induced lung injury in rabbits.

Prospective experimental studies on the renal protective effect of ulinastatin after paraquat poisoning.

Edaravone attenuates paraquat-induced lung injury by inhibiting oxidative stress in human type II alveolar epithelial cells.

Takotsubo cardiomyopathy as a delayed complication with a herbicide containing glufosinate ammonium in a suicide attempt: a case report.

Angiogenesis inhibitor vasohibin-1 enhances stress resistance of endothelial cells via induction of SOD2 and SIRT1.

Transient receptor potential ankyrin 1 channel localized to non-neuronal airway cells promotes non-neurogenic inflammation.

Role of the Arylhydrocarbon Receptor (AhR) in the Pathology of Asthma and COPD.

Functional analysis of colonic bacterial metabolism: relevant to health?

Identification of differentially expressed genes by 2,3,7,8-tetrachlorodibenzo-p-dioxin in human bronchial epithelial cells.

Surfactant volume is an essential element in human toxicity in acute glyphosate herbicide intoxication.

Menthol attenuates respiratory irritation responses to multiple cigarette smoke irritants.

Clinical outcome of acute intoxication due to ingestion of auxin-like herbicides.

2,4-Dichlorophenoxyacetic acid effects on nephrotoxicity in rats during late pregnancy and early postnatal periods.

Epidemiologic studies of glyphosate and non-cancer health outcomes: a review.

Medical management of paraquat ingestion.

Cigarette smoke targets glutaredoxin 1, increasing s-glutathionylation and epithelial cell death.

Proteomic profiling of acrolein adducts in human lung epithelial cells.

[Effects of hemoperfusion on plasma concentration and histopathological changes in paraquat poisoning rabbits].

[Pulmonary platelet endothelial cell adhesion molecule-1 (PECAM-1) in rabbits after acute paraquat (PQ) poisoning].

Paraquat induces behavioral changes and cortical and striatal mitochondrial dysfunction.

Protective effect of 4,4'-diaminodiphenylsulfone against paraquat-induced mouse lung injury.

Continuous hypoxia attenuates paraquat-induced cytotoxicity in the human A549 lung carcinoma cell line.

Cancer incidence of 2,4-D production workers.

Acrolein - a pulmonary hazard.

The protective effect of C-phycoerythrin on paraquat-induced acute lung injury in rats.

Integrative metabolome and transcriptome profiling reveals discordant energetic stress between mouse strains with differential sensitivity to acrolein-induced acute lung injury.

Acrolein induced DNA damage, mutagenicity and effect on DNA repair.

Lysine acetylsalicylate ameliorates lung injury in rats acutely exposed to paraquat.

[A case report of successful treatment of severe acute paraquat poisoning with pulmonary aspergillus infection].

[Clinical analysis of multiple organ dysfunction syndrome caused by acute paraquat poisoning].

Mitochondrial aconitase knockdown attenuates paraquat-induced dopaminergic cell death via decreased cellular metabolism and release of iron and H₂O₂.

Structure and epitope distribution of heparan sulfate is disrupted in experimental lung hypoplasia: a glyco-biological epigenetic cause for malformation?

Improved survival in severe paraquat poisoning with repeated pulse therapy of cyclophosphamide and steroids.

Role of growth factors in acute lung injury induced by paraquat in a rat model.

[Effect of ulinastatin on the expression of heat shock protein 70 and NF- κ B in lung tissue in rats with paraquat poisoned].

[Studying the therapeutic effects of hemoperfusion with continuous venovenous hemofiltration on the patients with acute paraquat poisoning].

Protection of bone marrow mesenchymal stem cells from acute lung injury induced by paraquat poisoning.

Mortality of US pentachlorophenol production workers through 2005.

Therapeutic hypothermia attenuates acute lung injury in paraquat intoxication in rats.

In vitro study of P-glycoprotein induction as an antidotal pathway to prevent cytotoxicity in Caco-2 cells.

[Clinical study of dynamic change of inflammatory factors in serum of acute paraquat rats].

[Prolonged convulsion after intoxication of alachlor herbicide (Lasso): a case report].

Effect of pulse therapy with glucocorticoid and cyclophosphamide in lung fibrosis due to paraquat poisoning in rats.

Protective effects of the aqueous extract of *Scutellaria baicalensis* against acrolein-induced oxidative stress in cultured human umbilical vein endothelial cells.

[The study of effects of pirfenidone on the pulmonary fibrosis induced by paraquat in mice].

Aseptic meningitis in association with glyphosate-surfactant herbicide poisoning.

Prostate cancer risk and exposure to pesticides in British Columbia farmers.

Analysis of acrolein-derived 1,N²-propanodeoxyguanosine adducts in human leukocyte DNA from smokers and nonsmokers.

Protective effect of ambroxol against paraquat-induced pulmonary fibrosis in rats.

[Expression of nuclear factor kappaB and tumor necrosis factor $\hat{\pm}$ in lung tissue of paraquat poisoned rats].

Edaravone, a novel antidote against lung injury and pulmonary fibrosis induced by paraquat?

Suicide victim of paraquat poisoning make suitable corneal donor.

The effects of catalase inhibition into the fourth cerebral ventricle on the Bezold-Jarisch reflex in spontaneously hypertensive rats.

Complement inhibition alleviates paraquat-induced acute lung injury.

Haplotype association mapping of acute lung injury in mice implicates activin a receptor, type 1.

Endothelial dysfunction and claudin 5 regulation during acrolein-induced lung injury.

Unbalanced MMP/TIMP-1 expression during the development of experimental pulmonary fibrosis with acute paraquat poisoning.

Consumption of hydrogen water reduces paraquat-induced acute lung injury in rats.

Acrolein sensitizes human renal cancer Caki cells to TRAIL-induced apoptosis via ROS-mediated up-regulation of death receptor-5 (DR5) and down-regulation of Bcl-2.

Catalase activity prevents exercise-induced up-regulation of vasoprotective proteins in venous tissue.

Perturbations of amino acid metabolism associated with glyphosate-dependent inhibition of shikimic acid metabolism affect cellular redox homeostasis and alter the abundance of proteins involved in photosynthesis and photorespiration.

Unraveling the role of fermentation in the mode of action of acetolactate synthase inhibitors by metabolic profiling.

Sensitivity of bronchopulmonary receptors to cold and heat mediated by transient receptor potential cation channel subtypes in an ex vivo rat lung preparation.

Proteomics of the oxidative stress response induced by hydrogen peroxide and paraquat reveals a novel AhpC-like protein in *Pseudomonas aeruginosa*.

A ternary mechanism for NADH oxidation by positively charged electron acceptors, catalyzed at the flavin site in respiratory complex I.

Cigarette smoke and $\hat{\pm}, \hat{1}^2$ -unsaturated aldehydes elicit VEGF release through the p38 MAPK pathway in human airway smooth muscle cells and lung fibroblasts.

Increased oxidative/nitrosative stress markers measured non-invasively in patients with high 2,3,7,8-tetrachloro-dibenzo-p-dioxin plasma level.

TRPA1 receptors mediate environmental irritant-induced meningeal vasodilatation.

Effects of oleanolic acid on pulmonary morphofunctional and biochemical variables in experimental acute lung injury.

17 β -estradiol protects the lung against acute injury: possible mediation by vasoactive intestinal polypeptide.

Activation of the aryl hydrocarbon receptor by TCDD inhibits mammary tumor metastasis in a syngeneic mouse model of breast cancer.

Mitochondrial respiratory complex I dysfunction promotes tumorigenesis through ROS alteration and AKT activation.

Effect of *Helicobacter pylori* infection on iron absorption in asymptomatic adults consuming wheat flour fortified with iron and zinc.

Molecular changes during arsenic-induced cell transformation.

Air pollution in autoimmune rheumatic diseases: a review.

Discovery of potent, selective, and orally bioavailable alkynylphenoxyacetic acid CRTH2 (DP2) receptor antagonists for the treatment of allergic inflammatory diseases.

Up-regulation of cyclin D1 by JNK1/c-Jun is involved in tumorigenesis of human embryo lung fibroblast cells induced by a low concentration of arsenite.

Heated indoor swimming pools, infants, and the pathogenesis of adolescent idiopathic scoliosis: a neurogenic hypothesis.

Arsenicals affect base excision repair by several mechanisms.

Synthesis and evaluation of novel carbon-11 labeled oxopurine analogues for positron emission tomography imaging of translocator protein (18 kDa) in peripheral organs.

The embryology of the diaphragm.

Surprises perilous: toxic health hazards for employees unloading fumigated shipping containers.

Interactive effect of arsenic and fluoride on cardio-respiratory disorders in male rats: possible role of reactive oxygen species.

Fulminant hepatic failure in woman with iron and non-steroidal anti-inflammatory drug intoxication.

Review of metastasizing (malignant) ameloblastoma (METAM): pattern of metastasis and treatment.

Prenatal administration of retinoic acid upregulates connective tissue growth factor in the nitrofen CDH model.

Antenatal sildenafil treatment attenuates pulmonary hypertension in experimental congenital diaphragmatic hernia.

[Protective effects of tetrandrine against congenital diaphragmatic hernia in rats].

2, 4-dinitrophenol poisoning caused by non-oral exposure.

Prenatal administration of retinoic acid upregulates insulin-like growth factor receptors in the nitrofen-induced hypoplastic lung.

Resveratrol interacts with estrogen receptor- β to inhibit cell replicative growth and enhance stress resistance by upregulating mitochondrial superoxide dismutase.

Haemoglobin mass in an anaemic female endurance runner before and after iron supplementation.

Clinical features and treatment in patients with acute 2,4-dinitrophenol poisoning.

Synergism between 2,3,7,8-tetrachlorodibenzo-p-dioxin and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone on lung tumor incidence in mice.

Downregulation of Midkine gene expression and its response to retinoic acid treatment in the nitrofen-induced hypoplastic lung.

Prenatal retinoic acid treatment upregulates late gestation lung protein 1 in the nitrofen-induced hypoplastic lung in late gestation.

Effect of insulin-like growth factors on lung development in a nitrofen-induced CDH rat model.

Expression of Iroquois genes is up-regulated during early lung development in the nitrofen-induced pulmonary hypoplasia.

Down-regulation of lung Kruppel-like factor in the nitrofen-induced hypoplastic lung.

Downregulation of FGFR1 contributes to the development of the diaphragmatic defect in the nitrofen model of congenital diaphragmatic hernia.

Carcinogenic effects of "whole-life" exposure to inorganic arsenic in CD1 mice.

Prenatal treatment with retinoic acid activates parathyroid hormone-related protein signaling in the nitrofen-induced hypoplastic lung.

Visualization of mitochondrial respiratory function using cytochrome c oxidase/succinate dehydrogenase (COX/SDH) double-labeling histochemistry.

Quantitation of benzo[a]pyrene metabolic profiles in human bronchoalveolar (H358) cells by stable isotope dilution liquid chromatography-atmospheric pressure chemical ionization mass spectrometry.

A novel application of the Margin of Exposure approach: segregation of tobacco smoke toxicants.

Transient receptor potential A1 channels: insights into cough and airway inflammatory disease.

Role of vermicompost chemical composition, microbial functional diversity, and fungal community structure in their microbial respiratory response to three pesticides.

Enhancing effect of zinc on L-histidine transport in rat lung microvascular endothelial cells.

Characterization of iodinated adrenomedullin derivatives suitable for lung nuclear medicine.

Metam sodium intoxication: the specific role of degradation products--methyl isothiocyanate and carbon disulphide--as a function of exposure.

TRP channels: emerging targets for respiratory disease.

Novel hormonal delivery method using the ink-jet technology: application to pulmonary insulin therapies.

Cigarette smoke increases susceptibility to tuberculosis--evidence from in vivo and in vitro models.

Influence of Tl(+) on mitochondrial permeability transition pore in Ca(2+)-loaded rat liver mitochondria.

Chlorinated benzenes cause concomitantly oxidative stress and induction of apoptotic markers in lung epithelial cells (A549) at nonacute toxic concentrations.

Regulation of benzo[a]pyrene-mediated DNA- and glutathione-adduct formation by 2,3,7,8-tetrachlorodibenzo-p-dioxin in human lung cells.

Saturated hydrogen saline protects rats from acute lung injury induced by paraquat.

Imaging in detecting sites of pulmonary fibrosis induced by paraquat.

Polychlorinated dibenzo-p-dioxins and dibenzofurans in different tissues of the cormorants (*Phalacrocorax carbo*) from Dongting Lake, China.

Acute mitochondrial actions of glitazones on the liver: a crucial parameter for their antidiabetic properties.

Protective Effects of Liposomal N-Acetylcysteine against Paraquat-Induced Cytotoxicity and Gene Expression.

NTP toxicity studies of toxicity studies of 2,4-decadienal (CAS No. 25152-84-5) administered by gavage to F344/N Rats and B6C3F1 mice.

IGFBP-4 gene overexpression in the nitrofen-induced hypoplastic lung.

KB-R7943, an inhibitor of the reverse Na⁺ /Ca²⁺ exchanger, blocks N-methyl-D-aspartate receptor and inhibits mitochondrial complex I.

Maneb and paraquat-induced modulation of toxicant responsive genes in the rat liver: comparison with polymorphonuclear leukocytes.

Cytotoxicity and gene array analysis of alveolar epithelial A549 cells exposed to paraquat.

Rosmarinic acid antagonized 1-methyl-4-phenylpyridinium (MPP⁺)-induced neurotoxicity in MES23.5 dopaminergic cells.

[Effects of enalapril on IL-1beta, IL-6 expression in rat lung exposure to acrolein].

[Effects of enalapril on NF-kappaB expression in mucus hypersecretion rats induced by acrolein exposure].

[Effects of acrolein exposure on the expression of Muc5ac in the airway of rats].

[Study on the change of angiotensin II expression in rat lung exposure to acrolein].

Nitric oxide in paraquat-mediated toxicity: A review.

Glyphosate-surfactant herbicide-induced reversible encephalopathy.

Exposure to acrolein by inhalation causes platelet activation.

[Role of connective tissue growth factor and α -smooth muscle actin in pulmonary fibrosis among acute paraquat poisoned rats].

[Experimental therapy of penehyclidine hydrochloride on paraquat-induced acute lung injury].

[Extreme hyperkalemia in a patient with a new glyphosate potassium herbicide poisoning: report of a case].

Enzymatic-spectrophotometric determination of paraquat in urine samples: a method based on its toxic mechanism.

Toxicity of the herbicide atrazine: effects on lipid peroxidation and activities of antioxidant enzymes in the freshwater fish *Channa punctatus* (Bloch).

Predicting acute complicated glyphosate intoxication in the emergency department.

Protective effect of quercetin against paraquat-induced lung injury in rats.

Inhibitory concentrations of 2,4D and its possible intermediates in sulfate reducing biofilms.

[Paraquat lung and monoamine transporter].

Severe paraquat poisoning: clinical and radiological findings in a survivor.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.

Paraquat ingestion: a challenging diagnosis.

Simvastatin attenuates acrolein-induced mucin production in rats: involvement of the Ras/extracellular signal-regulated kinase pathway.

Mortality patterns of Army Chemical Corps veterans who were occupationally exposed to herbicides in Vietnam.

[Expression of angiotensin converting enzyme and angiotensin converting enzyme 2 gene in lung of paraquat poisoning rats and protection of sodium dimercaptopropane sulfonate].

Cigarette smoke total particulate matter increases mucous secreting cell numbers in vitro: a potential model of goblet cell hyperplasia.

Paraquat increases connective tissue growth factor and collagen expression via angiotensin signaling pathway in human lung fibroblasts.

Increased expression of endothelial iNOS accounts for hyporesponsiveness of pulmonary artery to vasoconstrictors after paraquat poisoning.

Transposon insertion in a serine-specific minor tRNA coding sequence affects intraperitoneal survival of *Haemophilus influenzae* in the infant rat model.

[Changes of proteomics in the lung of rats subjected to acrolein inhalation after enalapril administration].

[Changes of proteomics in the injured lung of adult rats subjected to acrolein inhalation].

Acrolein induces apoptosis through the death receptor pathway in A549 lung cells: role of p53.

Chymase mediates paraquat-induced collagen production in human lung fibroblasts.

Intermediate filament carbonylation during acute acrolein toxicity in A549 lung cells: functional consequences, chaperone redistribution, and protection by bisulfite.

Water-Soluble alpha,beta-unsaturated aldehydes of cigarette smoke induce carbonylation of human serum albumin.

Toxicity of smoke extracts towards A549 lung cells: role of acrolein and suppression by carbonyl scavengers.

A prospective observational study of the clinical toxicology of glyphosate-containing herbicides in adults with acute self-poisoning.

Oxidative stress response and gene expression with atrazine exposure in adult female zebrafish (*Danio rerio*).

[Acute poisoning due to chemical substances inducing methemoglobinemia--two cases report].

[Clinical research on high-dosage ambroxol hydrochloride associated with ulinastatin in improvement of lung tissue injury of patients with paraquat poisoning].

Mutagenicity of acrolein and acrolein-induced DNA adducts.

Failed rescue therapy with rapamycin after paraquat intoxication.

Cause-specific mortality of Dutch chlorophenoxy herbicide manufacturing workers.

Acetaminophen, via its reactive metabolite N-acetyl-p-benzo-quinoneimine and transient receptor potential ankyrin-1 stimulation, causes neurogenic inflammation in the airways and other tissues in rodents.

Subanesthetic dose of isoflurane protects against zymosan-induced generalized inflammation and its associated acute lung injury in mice.

Modulation of SCF beta-TrCP-dependent I kappaB alpha ubiquitination by hydrogen peroxide.

Ozone activates airway nerves via the selective stimulation of TRPA1 ion channels.

A mitochondrial superoxide signal triggers increased longevity in *Caenorhabditis elegans*.

Comparison of glutathione peroxidase 1 and peroxiredoxin 6 in protection against oxidative stress in the mouse lung.

Mitochondrial aldehyde dehydrogenase mediates vasodilator responses of glyceryl trinitrate and sodium nitrite in the pulmonary vascular bed of the rat.

The protective role of D-glucose against 1-methyl-4-phenylpyridinium ion (MPP⁺): induced mitochondrial dysfunction in C6 astroglial cells.

Selective induction of catalase-mediated autophagy by dihydrocapsaicin in lung cell lines.

Mitochondrial dysfunction confers resistance to multiple drugs in *Caenorhabditis elegans*.

ATZ (3-amino-1,2,4-triazole) injected into the fourth cerebral ventricle influences the Bezold-Jarisch reflex in conscious rats.

Effects of estrogen on lung development in a rat model of diaphragmatic hernia.

Breast cancer stem-like cells are inhibited by a non-toxic aryl hydrocarbon receptor agonist.

Toxicology and carcinogenesis studies of 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (CAS No. 31508-00-6) in female Harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 3,3',4,4'-tetrachloroazobenzene (TCAB) (CAS No. 14047-09-7) in Harlan Sprague-Dawley rats and B6C3F1 mice (gavage studies).

Embryonic Wnt gene expression in the nitrofen-induced hypoplastic lung using 3-dimensional imaging.

Recruitment maneuver in experimental acute lung injury: the role of alveolar collapse and edema.

Body mass index, agricultural pesticide use, and cancer incidence in the Agricultural Health Study cohort.

[Establishment of an erythroleukemia model in CB6F1 mice by transplant with haploidentical mouse leukemic cell line FBL-3].

Connective tissue growth factor expression pattern in lung development.

Abnormal platelet-derived growth factor signaling accounting for lung hypoplasia in experimental congenital diaphragmatic hernia.

Prenatal retinoic acid upregulates pulmonary gene expression of PI3K and AKT in nitrofen-induced pulmonary hypoplasia.

Identification and investigation of mitochondria lacking cytochrome c oxidase activity in axons.

Mutant Parkin impairs mitochondrial function and morphology in human fibroblasts.

[Effect of ambroxol on lung development of rat models with nitrofen-induced congenital diaphragmatic hernia].

Antenatal steroid and tracheal occlusion restore vascular endothelial growth factor receptors in congenital diaphragmatic hernia rat model.

'Fatal 2,4-dinitrophenol poisoning... coming to a hospital near you'.

Aryl hydrocarbon receptor activation reduces dendritic cell function during influenza virus infection.

Assisted ventilation modes reduce the expression of lung inflammatory and fibrogenic mediators in a model of mild acute lung injury.

Iron deficiency induces changes in riboflavin secretion and the mitochondrial electron transport chain in hairy roots of *Hyoscyamus albus*.

Gene expression analysis in hypoplastic lungs in the nitrofen model of congenital diaphragmatic hernia.

p52-Bcl3 complex promotes cyclin D1 expression in BEAS-2B cells in response to low concentration arsenite.

Insulinlike growth factor receptor type 1 and type 2 are downregulated in the nitrofen-induced hypoplastic lung.

Reversible mitochondrial uncoupling in the cold phase during liver preservation/reperfusion reduces oxidative injury in the rat model.

Deciphering diseases and biological targets for environmental chemicals using toxicogenomics networks.

Insulin receptor is downregulated in the nitrofen-induced hypoplastic lung.

The effect of in vitro tracheal occlusion on branching morphogenesis in fetal lung explants from the rat nitrofen model of congenital diaphragmatic hernia.

Progesterone receptor membrane component 1 (Pgrmc1): a heme-1 domain protein that promotes tumorigenesis and is inhibited by a small molecule.

Dietary administration of sodium arsenite to rats: relations between dose and urinary concentrations of methylated and thio-metabolites and effects on the rat urinary bladder epithelium.

Expression and function of phosphodiesterases in nitrofen-induced congenital diaphragmatic hernia in rats.

Is there a role for antioxidants in prevention of pulmonary hypoplasia in nitrofen-induced rat model of congenital diaphragmatic hernia?

Out-of-hospital cardiac arrest caused by acute intoxication.

Environmental toxins and Parkinson's disease: putative roles of impaired electron transport chain and oxidative stress.

[A case of severe bronchial mucosal injury caused by iron pill aspiration].

Features and prognostic factors for elderly with acute poisoning in the emergency department.

Spatiotemporal alteration in phosphatidylinositide 3-kinase-serine/threonine protein kinase B signaling in the nitrofen-induced hypoplastic lung.

Bronchopulmonary innervation defects in infants and rats with congenital diaphragmatic hernia.

Albumin as an adjunct to tracheal occlusion in fetal rats with congenital diaphragmatic hernia: a placebo-controlled study.

Interactions of airflow oscillation, tracheal inclination, and mucus elasticity significantly improve simulated cough clearance.

Re: False-positive results in cancer epidemiology: a plea for epistemological modesty.

Function and expression of ATP-binding cassette transporters in cultured human Y79 retinoblastoma cells.

Aryl hydrocarbon receptor functions as a potent coactivator of E2F1-dependent transcription activity.

Chemical target and pathway toxicity mechanisms defined in primary human cell systems.

Disturbance of parathyroid hormone-related protein signaling in the nitrofen-induced hypoplastic lung.

Microscopic magnetic resonance in congenital diaphragmatic hernia and associated malformations in rats.

Upregulation of endothelin receptors A and B in the nitrofen induced hypoplastic lung occurs early in gestation.

Downregulation of insulin-like growth factor binding protein 3 and 5 in nitrofen-induced pulmonary hypoplasia.

Early development of the primordial mammalian diaphragm and cellular mechanisms of nitrofen-induced congenital diaphragmatic hernia.

Pyrrolidine dithiocarbamate (PDTC)/Cu complex induces lung epithelial cell apoptosis through mitochondria and ER-stress pathways.

Effects of the compounds MV8608 and MV8612 obtained from *Mandevilla velutina* in the model of hemorrhagic cystitis induced by cyclophosphamide in rats.

Injury and differentiation following inhibition of mitochondrial respiratory chain complex IV in rat oligodendrocytes.

Evaluation of the genotoxicity of 10 selected dietary/environmental compounds with the in vitro micronucleus cytokinesis-block assay in an interlaboratory comparison.

Gene expression profile and cytotoxicity of human bronchial epithelial cells exposed to crotonaldehyde.

Effects of in ovo exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic AHR/ARNT-CYP1A signaling pathways in common cormorants (*Phalacrocorax carbo*).

Pulmonary artery pressure responses to increased cardiac output in chickens with raised metabolic rate.

Deletion of the mitochondrial NADH kinase increases mitochondrial DNA stability and life span in the filamentous fungus *Podospora anserina*.

Sensory detection and responses to toxic gases: mechanisms, health effects, and countermeasures.

Lipid peroxidation-derived reactive aldehydes directly and differentially impair spinal cord and brain mitochondrial function.

A case of toxic epidermal necrolysis (ten) with severe chronic ocular complications in a healthy 46-year-old woman.

Mapping of cerebral oxidative metabolism with MRI.

Nitrofen induces apoptosis independently of retinaldehyde dehydrogenase (RALDH) inhibition.

Two modes of mitochondrial dysfunction lead independently to lifespan extension in *Caenorhabditis elegans*.

Transient receptor potential channels as novel drug targets in respiratory diseases.

Elevated levels of volatile organic carcinogen and toxicant biomarkers in Chinese women who regularly cook at home.

Evaluating use of ferricyanide-mediated respiration bioassays to quantify stimulatory and inhibitory effects on *Escherichia coli* populations.

TCDD and a putative endogenous AhR ligand, ITE, elicit the same immediate changes in gene expression in mouse lung fibroblasts.

The mitochondrial PPR protein LOVASTATIN INSENSITIVE 1 plays regulatory roles in cytosolic and plastidial isoprenoid biosynthesis through RNA editing.

Arylhydrocarbon receptor activation in NCI-H441 cells and C57BL/6 mice: possible mechanisms for lung dysfunction.

Enhanced metallothionein gene expression induced by mitochondrial oxidative stress is reduced in phospholipid hydroperoxide glutathione peroxidase-overexpressed cells.

Expression of heat shock protein 70 in lung tissues of acute paraquat poisoned rats and intervention of ulinastatin.

The new generation of intravenous iron: chemistry, pharmacology, and toxicology of ferric carboxymaltose.

Comparison of carcinogen, carbon monoxide, and ultrafine particle emissions from narghile waterpipe and cigarette smoking: Sidestream smoke measurements and assessment of second-hand smoke emission factors.

Exposure to 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin and tetraethyl lead affects lung mitochondria bioenergetics.

Pyrrroquinoline quinone stimulates mitochondrial biogenesis through cAMP response element-binding protein phosphorylation and increased PGC-1 α expression.

Altered metabolisms of mediators controlling vascular function and enhanced oxidative stress in asymptomatic children with congenital portosystemic venous shunt.

Lipid oxidation and peroxidation in CNS health and disease: from molecular mechanisms to therapeutic opportunities.

Assessment of nicotine inhalation exposure and urinary cotinine of tobacco processing workers.

The role of T cells in the regulation of acrolein-induced pulmonary inflammation and epithelial-cell pathology.

Successful treatment of paraquat poisoning by Xuebijing, an injection concocted from multiple Chinese medicinal herbs: a case report.

Paraquat (PQ)-induced pulmonary fibrosis increases exercise metabolic cost, reducing aerobic performance in rats.

Excessive longitudinal FEV1 decline and risks to future health: a case-control study.

Differential contribution of the mitochondrial respiratory chain complexes to reactive oxygen species production by redox cycling agents implicated in parkinsonism.

Toxicity assessment of the herbicide metolachlor comparative effects on bacterial and mitochondrial model systems.

Acrolein induces a cellular stress response and triggers mitochondrial apoptosis in A549 cells.

[Acute glyphosate-surfactant poisoning with neurological sequels and fatal outcome].

Glycogen content is affected differently in acute pulmonary and extra-pulmonary lung injury.

p38 MAPK and MMP-9 cooperatively regulate mucus overproduction in mice exposed to acrolein fog.

Effects of 2,4-dichlorophenoxyacetic acid formulation on medulla spinalis of *Poecilia reticulata*: a histopathological study.

Mortality rates among trichlorophenol workers with exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Oxidative stress of acute paraquat poisoned rats and sodium dimercaptopropene sulfonate intervention].

[Pathologic changes and expression of Heme oxygenase-1 in paraquat-induced renal injury].

[Changes of cytokine and nuclear factor-kappa B in acute paraquat poisoned rats].

[Change of oxidative stress and nuclear factor-kappa B in acute paraquat poisoned rats].

[Expression of thrombomodulin, endothelial protein C receptor in lung tissue of acute paraquat poisoned rats and intervention of sodium dimercaptopropene sulfonate].

Comparative effects of the formulation of glyphosate-surfactant herbicides on hemodynamics in swine.

The area of ground glass opacities of the lungs as a predictive factor in acute paraquat intoxication.

The epidemiology of glyphosate-surfactant herbicide poisoning in Taiwan, 1986-2007: a poison center study.

Long-lived ames dwarf mice are resistant to chemical stressors.

Proteomic profiling of rat lung epithelial cells induced by acrolein.

Allergic reaction induced by dermal and/or respiratory exposure to low-dose phenoxyacetic acid, organophosphorus, and carbamate pesticides.

Fatal diquat intoxication.

Marked recovery from paraquat-induced lung injury during long-term follow-up.

Clinical outcome of paraquat poisoning.

Delayed immunosuppressive treatment in life-threatening paraquat ingestion: a case report.

Immunohistochemical and histopathological evaluation of 2,4-dichlorophenoxyacetic acid-induced changes in rat kidney cortex.

Glutathione-S-transferase P protects against endothelial dysfunction induced by exposure to tobacco smoke.

Immunotoxicological effects of a sub-chronic exposure to selected current-use pesticides in rainbow trout (*Oncorhynchus mykiss*).

Protective effect of lipoic acid against acrolein-induced cytotoxicity in IMR-90 human fibroblasts.

Human cord blood CD133+ stem cells transplanted to nod-scid mice provide conditions for regeneration of olfactory neuroepithelium after permanent damage induced by dichlobenil.

Western blot analysis for 4-hydroxy-2-nonenal (HNE)-modified proteins in paraquat-treated mice.

Mutagenicity and sequence specificity of acrolein-DNA adducts.

The effects of acrolein on peroxiredoxins, thioredoxins, and thioredoxin reductase in human bronchial epithelial cells.

[Expression of inflammatory factors in lung tissue of acute paraquat poisoned rats].

Gene profiles of a human alveolar epithelial cell line after in vitro exposure to respiratory (non-)sensitizing chemicals: identification of discriminating genetic markers and pathway analysis.

A review: oxidative stress in fish induced by pesticides.

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Prostate cancer control and survival in Vietnam veterans exposed to Agent Orange.

TRPA1 agonists evoke coughing in guinea pig and human volunteers.

Matrix metalloproteinase-14 mediates a phenotypic shift in the airways to increase mucin production.

Recruitment maneuver: RAMP versus CPAP pressure profile in a model of acute lung injury.

Mortality rates among workers exposed to dioxins in the manufacture of pentachlorophenol.

4-Methoxycinnamaldehyde inhibited human respiratory syncytial virus in a human larynx carcinoma cell line.

The effects of N-acetyl cysteine, buthionine sulfoximine, diethyldithiocarbamate or 3-amino-1,2,4-triazole on antimycin A-treated Calu-6 lung cells in relation to cell growth, reactive oxygen species and glutathione.

Increased sensitivity of myoblasts to oxidative stress in amyotrophic lateral sclerosis peripheral tissues.

Rosiglitazone, a peroxisome proliferator-activated receptor-gamma agonist, attenuates acrolein-induced airway mucus hypersecretion in rats.

[Analysis of bialaphos and its active metabolite L-glufosinate in biological specimens by HPLC].

Comparison of rat olfactory mucosal responses to carcinogenic and non-carcinogenic chloracetanilides.

Protective effects of a superoxide dismutase/catalase mimetic compound against paraquat pneumotoxicity in rat lung.

Effect of sildenafil on acrolein-induced airway inflammation and mucus production in rats.

Antiinflammatory effects of hydrogen peroxide in neutrophil activation and acute lung injury.

Mutations in the *C. elegans* succinate dehydrogenase iron-sulfur subunit promote superoxide generation and premature aging.

Pyrrolidine dithiocarbamate attenuates paraquat-induced lung injury in rats.

Protective effect of montelukast on paraquat-induced lung toxicity in rats.

Two novel phospholipid hydroperoxide glutathione peroxidase genes of *Paragonimus westermani* induced by oxidative stress.

Respiratory irritants in Australian bushfire smoke: air toxics sampling in a smoke chamber and during prescribed burns.

DIC-1 over-expression enhances respiratory activity in *Caenorhabditis elegans* by promoting mitochondrial cristae formation.

Prolonged recruitment manoeuvre improves lung function with less ultrastructural damage in experimental mild acute lung injury.

Up-regulation of Wnt5a gene expression in the nitrofen-induced hypoplastic lung.

The pneumococcal response to oxidative stress includes a role for Rgg.

Safety assessment of leaf curl virus resistant tomato developed using viral derived sequences.

Upregulation of Slit-2 and Slit-3 gene expressions in the nitrofen-induced hypoplastic lung.

[Acute and subacute chemical pneumonitis].

Prenatal retinoic acid up-regulates pulmonary gene expression of COUP-TFII, FOG2, and GATA4 in pulmonary hypoplasia.

Post-exposure treatment with nasal atropine methyl bromide protects against microinstillation inhalation exposure to sarin in guinea pigs.

Mortality in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin at a trichlorophenol plant in New Zealand.

Expression of chloride channels in trachea-occluded hyperplastic lungs and nitrofen-induced hypoplastic lungs in rats.

Differential effects of PINK1 nonsense and missense mutations on mitochondrial function and morphology.

Impact of life stage and duration of exposure on arsenic-induced proliferative lesions and neoplasia in C3H mice.

Effect of prenatal tetrandrine administration on transforming growth factor-beta1 level in the lung of nitrofen-induced congenital diaphragmatic hernia rat model.

Arsenite enhances the benzo[a]pyrene diol epoxide (BPDE)-induced mutagenesis with no marked effect on repair of BPDE-DNA adducts in human lung cells.

Protection of bleomycin-induced fibrosis and inflammation by taurine.

Disruption of iron homeostasis and lung disease.

Prone position prevents regional alveolar hyperinflation and mechanical stress and strain in mild experimental acute lung injury.

Peroxiredoxin 6 fails to limit phospholipid peroxidation in lung from Cfr-knockout mice subjected to oxidative challenge.

Melatonin reduces acute lung injury in endotoxemic rats.

Effects of frequency and inspiratory plateau pressure during recruitment manoeuvres on lung and distal organs in acute lung injury.

Arsenic activates EGFR pathway signaling in the lung.

Mitochondrial changes within axons in multiple sclerosis.

Dimethylarsine likely acts as a mouse-pulmonary tumor initiator via the production of dimethylarsine radical and/or its peroxy radical.

Dimethylarsine likely acts as a mouse-pulmonary tumor initiator via the production of dimethylarsine radical and/or its peroxy radical.

Methylbromide intoxication: a clinical case study.

Effects of nickel, chromate, and arsenite on histone 3 lysine methylation.

The soluble nickel component of residual oil fly ash alters pulmonary host defense in rats.

Detection of odorous compounds in breath.

Pulmonary lesion induced by low and high positive end-expiratory pressure levels during protective ventilation in experimental acute lung injury.

Controlled, household-randomized, open-label trial of the effect of treatment of *Helicobacter pylori* infection on iron deficiency among children in rural Alaska: results at 40 months.

[A series of observation on the expression of TGF-beta1 in the lung of nitrofen-induced congenital diaphragmatic hernia rat model].

Positron emission tomography (PET) imaging with [11C]-labeled erlotinib: a micro-PET study on mice with lung tumor xenografts.

[The specific features of the clinical course of tuberculosis and enhancement of its treatment efficiency in fertile-age women with iron-deficiency anemia].

Therapeutic surfactants modulate the viability of eosinophils and induce inflammatory mediator release.

Developmental immunotoxicology: focus on health risks.

[Assessment of mitochondrial metabolic oxidative state in living cardiomyocytes with spectrally-resolved fluorescence lifetime spectroscopy of NAD(P)H].

Cytotoxicity and mitochondrial dysfunction of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in isolated rat hepatocytes.

Chlorate metabolism in pure cultures of *Escherichia coli* O157:H7 pretreated with either nitrate or chlorate.

Sonic hedgehog gene expression in nitrofen induced hypoplastic lungs in mice.

Highly effective binding of viologens by p-sulfonatocalixarenes for the treatment of viologen poisoning.

Extension of *Drosophila* life span by RNAi of the mitochondrial respiratory chain.

Acacia Senegal gum exudate offers protection against cyclophosphamide-induced urinary bladder cytotoxicity.

Exposure to monomethylarsonous acid (MMA(III)) leads to altered selenoprotein synthesis in a primary human lung cell model.

[Effect of bromoxynil on membrane potential and respiratory control rate in isolated mitochondria from mice liver and intervention effect of NAC].

Effects of environmental contaminants on hemoglobin gene expression in *Daphnia magna*: a potential biomarker for freshwater quality monitoring.

Evaluation of a novel inhalation exposure system to determine acute respiratory responses to tobacco and polymer pyrolysate mixtures in Swiss-Webster mice.

Effects of TI(+) on ion permeability, membrane potential and respiration of isolated rat liver mitochondria.

Direct toxicity assessment of toxic chemicals with electrochemical method.

In vitro glutathione conjugation of methyl iodide in rat, rabbit, and human blood and tissues.

Evaluation of respiratory parameters in rats and rabbits exposed to methyl iodide.

Two-day inhalation toxicity study of methyl iodide in the rat.

Dynamic behavior of Arabidopsis eIF4A-III, putative core protein of exon junction complex: fast relocation to nucleolus and splicing speckles under hypoxia.

Effects of aerobic and anaerobic metabolic inhibitors on avian intrapulmonary chemoreceptors.

Non-carcinogenic carbon sorbents for respiratory protection.

Experimental study of the tissue reaction caused by the presence of cellulose produced by *Acetobacter xylinum* in the nasal dorsum of rabbits.

Neuroprotective role of delta-opioid receptors against mitochondrial respiratory chain injury.

Up-regulation of COUP-TFII gene expression in the nitrofen-induced hypoplastic lung.

C-reactive protein modulates human lung fibroblast migration.

Lung development in the Holtzman rat is adversely affected by gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Gene profiles of a human bronchial epithelial cell line after in vitro exposure to respiratory (non-)sensitizing chemicals: identification of discriminating genetic markers and pathway analysis.

Refractory cardiopulmonary failure after glyphosate surfactant intoxication: a case report.

Induction of Arabidopsis *gdh2* gene expression during changes in redox state of the mitochondrial respiratory chain.

Subchronic inhalation of mixtures of cigarette smoke constituents in *Xpa*^{-/-}*p53*^{+/-} knock-out mice: a comparison of intermittent with semi-continuous exposure to acetaldehyde, formaldehyde, and acrolein.

Anti-TGF-beta1 antibody: an effective treatment for lung injury caused by paraquat in the future.

Bioaccumulation, sublethal toxicity, and biotransformation of sediment-associated pentachlorophenol in *Lumbricus variegatus* (*Oligochaeta*).

Pneumoproteins as markers of paraquat lung injury: a clinical case.

Pretreatment with near-infrared light via light-emitting diode provides added benefit against rotenone- and MPP⁺-induced neurotoxicity.

Effects of acrolein on leukotriene biosynthesis in human neutrophils.

Genome-wide transcriptional responses to acrolein.

Hepatoma tissue culture (HTC) cells as a model for investigating the effects of low concentrations of herbicide on cell structure and function.

[Inhibition of (-)epigallocatechin gallate on dimethylarsinic acid promoting lung tumorigenesis through the induction of oxidative stress in mice].

Mitochondrial uncouplers act synergistically with the fumigant phosphine to disrupt mitochondrial membrane potential and cause cell death.

[Experimental study on therapeutic efficacy of tetrandrine on lung injury induced by acute of paraquat poisoning].

[Influence of pyrrolidine dithiocarbamate (PDTC) on expression of transforming growth factor beta(1), matrix metalloproteinase-2 and tissue inhibitor-1 of metalloproteinase in rats with pulmonary damage induced by paraquat].

A review of the immunotoxicity of the pesticide 3,4-dichloropropionanilide.

Use of sirolimus in a case of severe paraquat poisoning.

An outbreak of fatal pneumonitis caused by contamination of illicit alcohol with paraquat.

Establishing the use of melatonin as an adjuvant therapeutic against paraquat-induced lung toxicity in rats.

Nonredundant functions of alphabeta and gammadelta T cells in acrolein-induced pulmonary pathology.

Acrolein health effects.

[Change of JNK and c-Jun in lung injury associated with paraquat poisoning of rats].

Comparison of a pulsatile blood pump and a peristaltic roller pump during hemoperfusion treatment in a canine model of paraquat poisoning.

Hemoperfusion using dual pulsatile pump in paraquat poisoning.

The effectiveness of combined treatment with methylprednisolone and cyclophosphamide in oral paraquat poisoning.

How irritating: the role of TRPA1 in sensing cigarette smoke and aerogenic oxidants in the airways.

Reduced toxicological activity of cigarette smoke by the addition of ammonia magnesium phosphate to the paper of an electrically heated cigarette: subchronic inhalation toxicology.

[Treatment of acrolein inhalation induced lung injury].

[Study on the expression of matrix metalloproteinase-9 in lung fibroblasts of rat with acute paraquat poisoning].

Acute renal failure induced by bentazone: 2 case reports and a comprehensive review.

Acute pancreatitis caused by severe glyphosate-surfactant oral intoxication.

The early prognostic factors of glyphosate-surfactant intoxication.

Application of physiological computational fluid dynamics models to predict interspecies nasal dosimetry of inhaled acrolein.

Respiratory tract responses in male rats following subchronic acrolein inhalation.

Protective effects of ethyl pyruvate treatment on paraquat-intoxicated rats.

Paraquat poisonings: mechanisms of lung toxicity, clinical features, and treatment.

Tyrosine phosphatase SHP-1 in oxidative stress and development of allergic airway inflammation.

[Interventions of enalapril on airway inflammation in rat models induced by acrolein].

Cigarette smoke-induced neurogenic inflammation is mediated by alpha,beta-unsaturated aldehydes and the TRPA1 receptor in rodents.

Acrolein inhalation suppresses lipopolysaccharide-induced inflammatory cytokine production but does not affect acute airways neutrophilia.

Oxidative stress as a biomarker of respiratory disturbance in patients with severe motor and intellectual disabilities.

Acrolein-activated matrix metalloproteinase 9 contributes to persistent mucin production.

Characterization of *Paracoccidioides brasiliensis* PbDfg5p, a cell-wall protein implicated in filamentous growth.

Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in C57BL6 mice following subchronic exposure to arsenate in drinking water.

Inhibition of acrolein-stimulated MUC5AC production by fucoidan in human bronchial epithelial cells.

Oxygen flux as an indicator of physiological stress in fathead minnow (*Pimephales promelas*) embryos: a real-time biomonitoring system of water quality.

Cell death activation during cavitation of embryoid bodies is mediated by hydrogen peroxide.

Loss of tafazzin in yeast leads to increased oxidative stress during respiratory growth.

Acrolein induces heme oxygenase-1 through PKC-delta and PI3K in human bronchial epithelial cells.

Nasal uptake of inhaled acrolein in rats.

Role of *Bradyrhizobium japonicum* cytochrome c550 in nitrite and nitrate respiration.

Maternal administration of betamethasone inhibits proliferation induced by fetal tracheal occlusion in the nitrofen rat model for congenital diaphragmatic hernia: a placebo-controlled study.

Abnormal development of tracheal innervation in rats with experimental diaphragmatic hernia.

Effect of FeSO₄ treatment on glucose metabolism in diabetic rats.

Semisynthesis and antiplasmodial activity of the quinoline alkaloid aurachin E.

Causal relationship of *Helicobacter pylori* with iron-deficiency anemia or failure of iron supplementation in children.

Decreased urinary beta-defensin-1 expression as a biomarker of response to arsenic.

Genotoxic potential of Polycyclic Aromatic Hydrocarbons-coated onto airborne Particulate Matter (PM 2.5) in human lung epithelial A549 cells.

Recent progress and diverse effects in developmental immunotoxicology: overview of a symposium at the 46th Annual SOT Meeting, Charlotte, NC.

NKCC-1 and ENaC are down-regulated in nitrofen-induced hypoplastic lungs with congenital diaphragmatic hernia.

Arsenite alters global histone H3 methylation.

Unique spatial and cellular expression patterns of Hoxa5, Hoxb4, and Hoxb6 proteins in normal developing murine lung are modified in pulmonary hypoplasia.

The effect of tracheal occlusion on lung branching in the rat nitrofen CDH model.

KML001 cytotoxic activity is associated with its binding to telomeric sequences and telomere erosion in prostate cancer cells.

Increased levels of a unique post-translationally modified betaIVb-tubulin isotype in liver cancer.

Low level of exposure to pesticides leads to lung dysfunction in occupationally exposed subjects.

Arsenic trioxide and auranofin inhibit selenoprotein synthesis: implications for chemotherapy for acute promyelocytic leukaemia.

Intrinsic catch-up growth of hypoplastic fetal lungs is mediated by interleukin-6.

Animal model of posterior cingulate cortex hypometabolism implicated in amnesic MCI and AD.

Effects of maternal retinoic acid administration in a congenital diaphragmatic hernia rabbit model.

Exposure assessment of workers to airborne PCDD/Fs, PCBs and PAHs at an electric arc furnace steelmaking plant in the UK.

[Headache caused by pesticides--a review of the literature].

Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants.

Alteration of APE1/ref-1 expression in non-small cell lung cancer: the implications of impaired extracellular superoxide dismutase and catalase antioxidant systems.

An improved system for exposure of cultured mammalian cells to gaseous compounds in the chromosomal aberration assay.

[Effect of hemin on the lung development and pulmonary arterial structural remodeling in congenital diaphragmatic hernia: experiment with rats].

Perinatal profile of ventricular overload markers in congenital diaphragmatic hernia.

Mortality in a population exposed to dioxin after the Seveso, Italy, accident in 1976: 25 years of follow-up.

Relative potency based on hepatic enzyme induction predicts immunosuppressive effects of a mixture of PCDDS/PCDFS and PCBS.

Prenatal treatment with retinoic acid promotes pulmonary alveologenesis in the nitrofen model of congenital diaphragmatic hernia.

Kinetics and determinants of the changes of CC16, a lung secretory protein in a rat model of toxic lung injury.

The aryl hydrocarbon receptor affects distinct tissue compartments during ontogeny of the immune system.

Aryl hydrocarbon receptor targets pathways extrinsic to bone marrow cells to enhance neutrophil recruitment during influenza virus infection.

Prenatal treatment with retinoic acid accelerates type 1 alveolar cell proliferation of the hypoplastic lung in the nitrofen model of congenital diaphragmatic hernia.

Downregulation of GATA4 and GATA6 in the heart of rats with nitrofen-induced diaphragmatic hernia.

Health effects of early life exposure to arsenic.

Hepatocyte mitochondrion electron-transport chain alterations in CCl₄ and alcohol induced hepatitis in rats and their correction with simvastatin.

Training and other predictors of personal protective equipment use in Australian grain farmers using pesticides.

Neoplastic transformation of human small airway epithelial cells induced by arsenic.

Does impaired mitochondrial function affect insulin signaling and action in cultured human skeletal muscle cells?

Pesticides and atopic and nonatopic asthma among farm women in the Agricultural Health Study.

The analysis of healthy volunteers' exhaled breath by the use of solid-phase microextraction and GC-MS.

Release of volatile organic compounds (VOCs) from the lung cancer cell line CALU-1 in vitro.

Comparison of enzymatic antioxidant defence systems in different metabolic types of yeasts.

Arsenic-induced decreases in the vascular matrix.

Cytokine-induced arginase activity in pulmonary endothelial cells is dependent on Src family tyrosine kinase activity.

Dose-response effect of arabinoxylooligosaccharides on gastrointestinal motility and on colonic bacterial metabolism in healthy volunteers.

Redox regulation of mitochondrial sulfide oxidation in the lugworm, *Arenicola marina*.

Mild mitochondrial uncoupling in mice affects energy metabolism, redox balance and longevity.

Tracheal inflammatory response to bacterial cellulose dressing after surgical scarification in rabbits.

Acetobacter indonesiensis pneumonia after lung transplant.

Daily supplementation with iron increases lipid peroxidation in young women with low iron stores.

Mitochondrial complex I impairment and differential carbon monoxide sensitivity of cytochrome c oxidase in wild type and CMS II mutants of *Nicotiana sylvestris*.

Energy metabolism of a unique acetic acid bacterium, *Asaia bogorensis*, that lacks ethanol oxidation activity.

[Effect of 2,4-dinitrophenol on the rat liver respiratory activity and ATP content after hypothermic storage and following reperfusion].

Dynamics of intracellular oxygen in PC12 Cells upon stimulation of neurotransmission.

The effect of sub-acute and sub-chronic exposure of rats to the glyphosate-based herbicide Roundup.

Heterogeneous gene expression and functional activity of ryanodine receptors in resistance and conduit pulmonary as well as mesenteric artery smooth muscle cells.

Chemical hypoxia-induced glucose transporter-4 translocation in neonatal rat cardiomyocytes.

Impaired VEGF and nitric oxide signaling after nitrofen exposure in rat fetal lung explants.

Inhibitory effects of xanthone on paraquat- and NaNO₂-induced genotoxicity in cultured cells.

Fetal poisoning after maternal paraquat ingestion during third trimester of pregnancy: case report and literature review.

Determination of toxicity of subacute treatment of some plant growth regulators on rats.

CD8⁺ T cells contribute to macrophage accumulation and airspace enlargement following repeated irritant exposure.

Aldo-keto reductase family 1 B10 gene silencing results in growth inhibition of colorectal cancer cells: Implication for cancer intervention.

Immunosuppressive therapy in lung injury due to paraquat poisoning: a meta-analysis.

Targeted disruption of the glutaredoxin 1 gene does not sensitize adult mice to tissue injury induced by ischemia/reperfusion and hyperoxia.

[Increased expression of placenta growth factor in lung tissue of paraquat-induced rat pulmonary fibrosis model].

[Effects of high dose ambroxol on lung injury induced by paraquat in rats].

[Changes of p38 MAPK and nuclear factor-kappa B in lung tissue of acute paraquat poisoned rats].

[Immunosuppressive treatment due to paraquat poisoning].

Further evidence against a direct genotoxic mode of action for arsenic-induced cancer.

An antisense oligonucleotide to HSP47 inhibits paraquat-induced pulmonary fibrosis in rats.

Pesticide poisoning.

Sodium salicylate prevents paraquat-induced apoptosis in the rat lung.

Antifibrotic effect of captopril and enalapril on paraquat-induced lung fibrosis in rats.

Effectiveness of activated hydrogen ions in neutralizing paraquat intoxication in rats.

Relationship between pulmonary surfactant protein and lipid peroxidation in lung injury due to paraquat intoxication in rats.

Plasma surfactant D in patients following acute paraquat intoxication.

3,4-dichloropropionaniline suppresses normal macrophage function.

No direct hepatotoxic potential following a multiple-low dose paraquat exposure in rat as related to its bioaccumulation.

Effects of paraquat on anti-oxidant system in rats.

Impaired alveolar epithelial cell differentiation in the hypoplastic lung in nitrofen-induced congenital diaphragmatic hernia.

Altered regulation of retinoic acid synthesis in nitrofen-induced hypoplastic lung.

[Changes of serum cytokine caused by acute paraquat poisoning].

Urinary pentachlorophenol in painters and bricklayers in a four-years time interval after the PCP prohibition ordinance in Germany.

Full survival of paraquat-exposed rats after treatment with sodium salicylate.

Paraquat-induced oxidative stress and dysfunction of cellular redox systems including antioxidative defense enzymes glutathione peroxidase and thioredoxin reductase.

Mouse model of paraquat-poisoned lungs and its gene expression profile.

The effect of amifostine, a cytoprotective agent, on paraquat toxicity in mice.

Estimating risk from ambient concentrations of acrolein across the United States.

Phytotoxicity of volatile oil from *Eucalyptus citriodora* against some weedy species.

A fatal case of paraquat poisoning following minimal dermal exposure.

Impact of the specificity of the exposure metric on exposure-response relationships.

Pesticides and impairment of mitochondrial function in relation with the parkinsonian syndrome.

Novel and extensive aspects of paraquat-induced pulmonary fibrogenesis: comparative and time-course microarray analyses in fibrogenic and non-fibrogenic rats.

Acrolein inhibits cytokine gene expression by alkylating cysteine and arginine residues in the NF-kappaB1 DNA binding domain.

Carcinogenicity of dimethylarsinic acid in Ogg1-deficient mice.

Inhibitory effect of cinnamaldehyde, derived from Cinnamomi cortex, on the growth of influenza A/PR/8 virus in vitro and in vivo.

Prostacyclin prevents pulmonary endothelial cell apoptosis induced by cigarette smoke.

[Chemistry and toxicology of cigarette smoke in the lungs].

Cinnamaldehyde reduction of platelet aggregation and thrombosis in rodents.

Lack of mutagenicity of acrolein-induced DNA adducts in mouse and human cells.

Induction of COX-2 by acrolein in rat lung epithelial cells.

Mitochondria are a major source of paraquat-induced reactive oxygen species production in the brain.

Detection and quantitation of acrolein-derived 1,N²-propanodeoxyguanosine adducts in human lung by liquid chromatography-electrospray ionization-tandem mass spectrometry.

Paraquat increases cyanide-insensitive respiration in murine lung epithelial cells by activating an NAD(P)H:paraquat oxidoreductase: identification of the enzyme as thioredoxin reductase.

Activation of the death receptor pathway of apoptosis by the aldehyde acrolein.

Toxicity of three polyethoxylated tallowamine surfactant formulations to laboratory and field collected fairy shrimp, *Thamnocephalus platyurus*.

Pulmonary lesions in female Harlan Sprague-Dawley rats following two-year oral treatment with dioxin-like compounds.

Arsenic promotes centrosome abnormalities and cell colony formation in p53 compromised human lung cells.

Method development study for APR cartridge evaluation in fire overhaul exposures.

[The etiology of congenital diaphragmatic hernia and esophageal atresia: the Hox genes].

Arsenic neurotoxicity--a review.

Swimming in chlorine byproducts.

Effect of antenatal tetrandrine administration on endothelin-1 and epidermal growth factor levels in the lungs of rats with experimental diaphragmatic hernia.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin alters retinoid homeostasis in maternal and perinatal tissues of the Holtzman rat.

Enhancement of allergic responses in vivo and in vitro by butylated hydroxytoluene.

Embryonic essential myosin light chain regulates fetal lung development in rats.

Arsenic salts induced autophagic cell death and hypermethylation of DAPK promoter in SV-40 immortalized human uroepithelial cells.

[Effect of tetrandrine on lung development: experiment of nitrofen-induced congenital diaphragmatic hernia fetal rat model].

A proposed mechanism for the protective effect of dioxin against breast cancer.

Fetal tracheal occlusion for the treatment of congenital diaphragmatic hernia.

Mitochondrial respiratory inhibition and oxidative stress elevate beta-secretase (BACE1) proteins and activity in vivo in the rat retina.

Transplacental arsenic carcinogenesis in mice.

Pulmonary epithelial cell differentiation in the nitrofen-induced congenital diaphragmatic hernia.

Aryl hydrocarbon receptor activation during influenza virus infection unveils a novel pathway of IFN-gamma production by phagocytic cells.

Insulin resistance and the mitochondrial link. Lessons from cultured human myotubes.

[Phyt'attitude: network for toxicovigilance in agriculture].

Selenium deficiency alters epithelial cell morphology and responses to influenza.

Arsenite-induced alterations in Ku70-deficient cells: a model to study genotoxic effects.

Association of allergic rhinitis with pesticide use among grape farmers in Crete, Greece.

Aryl hydrocarbon receptor plays a significant role in mediating airborne particulate-induced carcinogenesis in mice.

Vitamin A deficiency (VAD), teratogenic, and surgical models of congenital diaphragmatic hernia (CDH).

Decreased lung fibroblast growth factor 18 and elastin in human congenital diaphragmatic hernia and animal models.

Chronic bronchitis among nonsmoking farm women in the agricultural health study.

Serum monocyte chemoattractant protein-1 levels in congenital diaphragmatic hernia.

Pulmonary biomarkers based on alterations in protein expression after exposure to arsenic.

Atmospheric photochemical transformations enhance 1,3-butadiene-induced inflammatory responses in human epithelial cells: The role of ozone and other photochemical degradation products.

Medical countermeasure against respiratory toxicity and acute lung injury following inhalation exposure to chemical warfare nerve agent VX.

Benzo[a]pyrene-7,8-dihydrodiol promotes checkpoint activation and G2/M arrest in human bronchoalveolar carcinoma H358 cells.

Identification of kaempferol as an inhibitor of cigarette smoke-induced activation of the aryl hydrocarbon receptor and cell transformation.

[Effect of tetrandrine on endothelin expression in the lungs and clinical significance thereof: experiment with rat models with nitrofen-induced congenital diaphragmatic hernia].

Down-regulation of Wnt signal pathway in nitrofen-induced hypoplastic lung.

Reduced expression of aquaporin 5 water channel in nitrofen-induced hypoplastic lung with congenital diaphragmatic hernia rat model.

Disturbance of retinol transportation causes nitrofen-induced hypoplastic lung.

Fetal onset of aberrant gene expression relevant to pulmonary carcinogenesis in lung adenocarcinoma development induced by in utero arsenic exposure.

P-cresylsulphate, the main in vivo metabolite of p-cresol, activates leucocyte free radical production.

Uncoupling of oxidative phosphorylation enables *Candida albicans* to resist killing by phagocytes and persist in tissue.

Keokuk County rural health study: self-reported use of agricultural chemicals and protective equipment.

[Sodium azide--clinical course of the poisoning and treatment].

[Hepatocyte mitochondrion respiratory chain in rats with experimental toxic hepatitis].

Kidney development in the nitrofen-induced pulmonary hypoplasia and congenital diaphragmatic hernia in rats.

Requirement of aryl hydrocarbon receptor overexpression for CYP1B1 up-regulation and cell growth in human lung adenocarcinomas.

Iron supplementation maintains ventilatory threshold and improves energetic efficiency in iron-deficient nonanemic athletes.

ATF4-dependent oxidative induction of the DNA repair enzyme Ape1 counteracts arsenite cytotoxicity and suppresses arsenite-mediated mutagenesis.

Oxidative metabolism of lung macrophages exposed to sodium arsenite.

Mitochondrial swelling impairs the transport of organelles in cerebellar granule neurons.

Uridine-5'-triphosphate (UTP) maintains cardiac mitochondrial function following chemical and hypoxic stress.

In vitro toxicity assay using human bronchial epithelial cell, Beas-2B, for the screening of toxicological risk of dioxin-like compounds sampled from small sized Korean waste incineration plants.

Fibroblast growth factor-binding protein and N-deacetylase/N-sulfotransferase-1 expression in type II cells is modulated by heparin and extracellular matrix.

Exposure to arsenic at levels found in U.S. drinking water modifies expression in the mouse lung.

Alpha,beta-unsaturated aldehydes in cigarette smoke release inflammatory mediators from human macrophages.

Immunomodulatory effects of organochlorine mixtures upon in vitro exposure of peripheral blood leukocytes differ between free-ranging and captive southern sea otters (*Enhydra lutris*).

New concept for a toxicity assay based on multiple indexes from the wave shape of damped metabolic oscillation induced in living yeast cells (part II): application to analytical toxicology.

Potentiating effect of an endocrine disruptor, paronylphenol, on the generation of reactive oxygen species (ROS) in human venous blood -- association with the activation of signal transduction pathway.

Metabolism of benzo[a]pyrene in human bronchoalveolar H358 cells using liquid chromatography-mass spectrometry.

Horse heart myoglobin catalyzes the H₂O₂-dependent oxidative dehalogenation of chlorophenols to DNA-binding radicals and quinones.

Catalase takes part in rat liver mitochondria oxidative stress defense.

Towards improved artificial lungs through biocatalysis.

Acute and sub-lethal toxicity of three POEA surfactant formulations to *Daphnia magna*.

The role of oxidative stress in hormesis induced by sodium arsenite in human embryo lung fibroblast (HELFI) cellular proliferation model.

Glutamate release from activated microglia requires the oxidative burst and lipid peroxidation.

Gpx4 protects mitochondrial ATP generation against oxidative damage.

4-Methoxyestradiol-induced oxidative injuries in human lung epithelial cells.

Inhibitory and enhancing effects of piroxicam on whole blood chemiluminescence.

Mouse lung CYP1A1 catalyzes the metabolic activation of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP).

Effect of 2,4-dinitrophenol under non-oxygenated condition in pons-medulla-spinal cord preparations in newborn rats: comparison with medulla-spinal cord preparations.

Comparative developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the hamster, rat and guinea pig.

Cryopreservation of human hepatocytes alters the mitochondrial respiratory chain complex 1.

Modulation of the respiratory burst by organochlorine mixtures in marine mammals, humans, and mice.

Influence on mitochondria and cytotoxicity of different antibiotics administered in high concentrations on primary human osteoblasts and cell lines.

Human CYP1A1GFP expression in transgenic mice serves as a biomarker for environmental toxicant exposure.

Capillary zone electrophoresis method for fingerprint of allantoic fluid in normal and infected SPF embryonated chicken eggs.

Identification of linear heparin-binding peptides derived from human respiratory syncytial virus fusion glycoprotein that inhibit infectivity.

Synthesis of 6-chloroisoquinoline-5,8-diones and pyrido[3,4-b]phenazine-5,12-diones and evaluation of their cytotoxicity and DNA topoisomerase II inhibitory activity.

Experience with paraquat poisoning in a respiratory intensive care unit in North India.

Characterizing the reproducibility of a protein profiling method for the analysis of mouse bronchoalveolar lavage fluid.

Health status of Army Chemical Corps Vietnam veterans who sprayed defoliant in Vietnam.

Smoking and lung cancer--a new role for an old toxicant?

Acrolein is a major cigarette-related lung cancer agent: Preferential binding at p53 mutational hotspots and inhibition of DNA repair.

P-glycoprotein induction: an antidotal pathway for paraquat-induced lung toxicity.

Single high dose dexamethasone treatment decreases the pathological score and increases the survival rate of paraquat-intoxicated rats.

DNA microarray analysis of pulmonary fibrosis three months after exposure to paraquat in rats.

Cancer incidence among pesticide applicators exposed to dicamba in the agricultural health study.

Green tea extract inhibits paraquat-induced pulmonary fibrosis by suppression of oxidative stress and endothelin-I expression.

Practical use of modified maximum likelihoods for stratified data.

Temporal effects of paraquat/maneb on microglial activation and dopamine neuronal loss in older rats.

Kinetics of paraquat in the isolated rat lung: Influence of sodium depletion.

Cancer incidence among pesticide applicators exposed to cyanazine in the agricultural health study.

Effects of antioxidant vitamins on molecular regulators involved in lung hypoplasia induced by nitrofen.

A case-control study of myelodysplastic syndromes in Belgrade (Serbia Montenegro).

NTP Technical Report on the comparative toxicity studies of allyl acetate (CAS No. 591-87-7), allyl alcohol (CAS No. 107-18-6) and acrolein (CAS No. 107-02-8) administered by gavage to F344/N rats and B6C3F1 mice.

Sequential radiologic and functional pulmonary changes in patients with paraquat intoxication.

Acute paraquat poisoning: report of a survival case following intake of a potential lethal dose.

Protective effects of N-acetylcysteine treatment post acute paraquat intoxication in rats and in human lung epithelial cells.

Cancer incidence among pesticide applicators exposed to metolachlor in the Agricultural Health Study.

[Influence of ambroxol on paraquat-induced lung tissue injury and change of pulmonary surfactant-associated protein A in the experimental rats].

[Propofol protecting rats from paraquat induced lung injury].

[Effect of baicalin on expression of heme oxygenase-1 in lung injury of rats associated with paraquat poisoning].

Acrolein is a mitochondrial toxin: effects on respiratory function and enzyme activities in isolated rat liver mitochondria.

Respiratory distress, pneumonic changes on chest X-ray, hypoxaemia, oral candidiasis in a homosexual male: not always *Pneumocystis carinii* pneumonia.

[Advance of study on pathological mechanism of paraquat poisoning].

Ghrelin expression in human and rat fetal lungs and the effect of ghrelin administration in nitrofen-induced congenital diaphragmatic hernia.

Improved anti-oxidant activity of superoxide dismutase by direct chemical modification.

[Fatal poisoning caused by the ingestion of a concentrated solution of 2,4-D and MCPP].

Peroxiredoxin 6 gene-targeted mice show increased lung injury with paraquat-induced oxidative stress.

Decrease in NADPH-cytochrome P450 reductase activity of the human heart, Liver and lungs in the presence of alpha-lipoic acid.

Identification of early molecular pathways affected by paraquat in rat lung.

Improvement of pulmonary hypoplasia associated with congenital diaphragmatic hernia by in utero CFTR gene therapy.

Tissue distribution of lipid peroxidation product acrolein in human colon carcinogenesis.

[Effect of hypericum perforatum on preventing acute injury of rat pulmonary microvascular endothelial cells induced by paraquat].

[Therapeutic effect of somatostatin on acute respiratory distress syndrome in experimental rats].

Lisinopril ameliorates paraquat-induced lung fibrosis.

Gene expression of cytokines and growth factors in the lungs after paraquat administration in mice.

Effects of alpha tocopherol and probucol supplements on allergen-induced airway inflammation and hyperresponsiveness in a mouse model of allergic asthma.

Paraquat-induced lipid peroxidation: effects of ovariectomy and estrogen receptor antagonist.

Gene expression in rat lungs during early response to paraquat-induced oxidative stress.

Pharmacologic and functional characterization of malignant hyperthermia in the R163C RyR1 knock-in mouse.

Cellular uptake of magnetic nanoparticle is mediated through energy-dependent endocytosis in A549 cells.

Spatial and temporal expression of glucocorticoid, retinoid, and thyroid hormone receptors is not altered in lungs of congenital diaphragmatic hernia.

Novel selective orally active CRTH2 antagonists for allergic inflammation developed from in silico derived hits.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (Cas No. 31508-00-6) in female Harlan Sprague-Dawley rats (gavage studies).

[Effect and significance of tetrandrine on epidermal growth factor and its receptor in the lung of congenital diaphragmatic hernia rat model].

Airway smooth muscle dysfunction precedes teratogenic congenital diaphragmatic hernia and may contribute to hypoplastic lung morphogenesis.

Environmental arsenic exposure and sputum metalloproteinase concentrations.

Today's epidemics in children: possible relations to environmental pollution and suggested preventive measures.

Protection against lethal challenge with *Streptococcus pneumoniae* is conferred by aryl hydrocarbon receptor activation but is not associated with an enhanced inflammatory response.

Comparison of chronic toxicity and carcinogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in 2-year bioassays in female Sprague-Dawley rats.

Peristalsis of airway smooth muscle is developmentally regulated and uncoupled from hypoplastic lung growth.

Myocardium expression of connexin 43, SERCA2a, and myosin heavy chain isoforms are preserved in nitrofen-induced congenital diaphragmatic hernia rat model.

Connexin 43 gene expression in mice with cardiopulmonary developmental defects.

The constitutively active Ah receptor (CA-Ahr) mouse as a potential model for dioxin exposure--effects in vital organs.

Pesticides associated with wheeze among commercial pesticide applicators in the Agricultural Health Study.

Lung morphology after late fetal tracheal ligation in rats.

Lethal acute lung injury and hypoglycemia after subcutaneous administration of monochloroacetic acid.

NTP technical report on the toxicology and carcinogenesis studies of 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (Gavage studies).

Pendimethalin exposure and cancer incidence among pesticide applicators.

Synchrotron microradiography study on acute lung injury of mouse caused by PM(2.5) aerosols.

NTP technical report on the toxicology and carcinogenesis studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (CAS No. 1746-01-6) in female Harlan Sprague-Dawley rats (Gavage Studies).

A dose-response study of the effects of prenatal and lactational exposure to TCDD on the immune response to influenza a virus.

Congenital diaphragmatic hernia prevents absorption of distal air space fluid in late-gestation rat fetuses.

Possible discovery of Chinese lung fluke, *Paragonimus skrjabini* in Manipur, India.

Germ-line mutations at a mouse *ESTR (Pc-3)* locus and human microsatellite loci.

Molecular biology of the nasal airways: how do we assess cellular and molecular responses in the nose?

NTP toxicology and carcinogenesis studies of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (CAS No. 57465-28-8) in female Harlan Sprague-Dawley rats (Gavage Studies).

Altered renin-angiotensin system gene expression causes renal hypoplasia in the rats with nitrofen-induced diaphragmatic hernia.

Retinoic acid rescues lung hypoplasia in nitrofen-induced hypoplastic foetal rat lung explants.

TCDD decreases ATP levels and increases reactive oxygen production through changes in mitochondrial F(0)F(1)-ATP synthase and ubiquinone.

KIADH3, a gene encoding a mitochondrial alcohol dehydrogenase, affects respiratory metabolism and cytochrome content in *Kluyveromyces lactis*.

IL-6 is constitutively expressed during lung morphogenesis and enhances fetal lung explant branching.

Expression of heat shock protein and hemoglobin genes in *Chironomus tentans* (Diptera, chironomidae) larvae exposed to various environmental pollutants: a potential biomarker of freshwater monitoring.

Duox2 exhibits potent heme peroxidase activity in human respiratory tract epithelium.

Toxicology and carcinogenesis studies of a mixture of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (Cas No. 1746-01-6), 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4), and 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) in female Harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4) in female Harlan Sprague-Dawley rats (gavage studies).

Results of a long-term carcinogenicity bioassay on Sprague-Dawley rats exposed to sodium arsenite administered in drinking water.

Effect of physical exertion on the biological monitoring of exposure of various solvents following exposure by inhalation in human volunteers: I. Toluene.

Effect of protective filters on fire fighter respiratory health during simulated bushfire smoke exposure.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (gavage studies).

Pollutant particles enhanced H₂O₂ production from NAD(P)H oxidase and mitochondria in human pulmonary artery endothelial cells.

Case report: Hydroquinone and/or glutaraldehyde induced acute myeloid leukaemia?

Arsenicals in maternal and fetal mouse tissues after gestational exposure to arsenite.

["Oxygen regulation" of the respiratory chain composition in the yeast *Debaryomyces hansenii* under multiple stress].

A fatal case of saponated cresol ingestion.

[Cytoprotective effects of heat shock protein-70 in bronchial epithelium against neutrophil elastase-induced cell injury].

Hypoxic vasoconstriction of partial muscular intra-acinar pulmonary arteries in murine precision cut lung slices.

Tissue specific induction of cytochrome P450 (CYP) 1A1 and 1B1 in rat liver and lung following in vitro (tissue slice) and in vivo exposure to benzo(a)pyrene.

Enhancing effects of simultaneous treatment with sodium nitrite on 2-amino-3-methylimidazo[4,5-f]quinoline-induced rat liver, colon and Zymbal's gland carcinogenesis after initiation with diethylnitrosamine and 1,2-dimethylhydrazine.

Toluene toxicokinetics and metabolism parameters in the rat and guinea pig.

[Public perceptions of the risk of Asian dust storms in Seoul and its metropolitan area].

Protective effect of *Phyllanthus fraternus* against allyl alcohol-induced oxidative stress in liver mitochondria.

Effect of VEGF on the branching morphogenesis of normal and nitrofen-induced hypoplastic fetal rat lung explants.

Induction of DNA strand breaks, DNA-protein crosslinks and sister chromatid exchanges by arsenite in a human lung cell line.

Cytochrome P4501A is induced in endothelial cell lines from the kidney and lung of the bottlenose dolphin, *Tursiops truncatus*.

Changes in intracellular pH play a secondary role in hydrogen sulfide-induced nasal cytotoxicity.

The ROS production induced by a reverse-electron flux at respiratory-chain complex 1 is hampered by metformin.

[The relationship between hormesis of proliferation and oxidative stress induced by sodium arsenite in human embryo lung fibroblasts].

Phospholipase A2, reactive oxygen species, and lipid peroxidation in cerebral ischemia.

Loss of mitochondrial membrane potential is associated with increase in mitochondrial volume: physiological role in neurones.

Environmental toxicants and effects on female reproductive function.

Peroxynitrite can affect platelet responses by inhibiting energy production.

Competing roles of aldo-keto reductase 1A1 and cytochrome P4501B1 in benzo[a]pyrene-7,8-diol activation in human bronchoalveolar H358 cells: role of AKRs in P4501B1 induction.

Dinitrophenol-induced mitochondrial uncoupling in vivo triggers respiratory adaptation in HepG2 cells.

Specific induction of oxidative stress in terminal bronchiolar Clara cells during dimethylarsenic-induced lung tumor promoting process in mice.

[Carbimide overdose: description of a case and review of the literature].

Comparative effects of the Roundup and glyphosate on mitochondrial oxidative phosphorylation.

[Paraquat intoxication and hemocarboperfusion].

[Inhibitory effects of phenolic ecotoxicants on photobacteria at various pH values].

Subacute pulmonary manifestation in a survivor of severe paraquat intoxication.

Myeloperoxidase-generated oxidants modulate left ventricular remodeling but not infarct size after myocardial infarction.

Clinical implications of the ethane in exhaled breath in patients with acute paraquat intoxication.

Intentional self-poisoning with the chlorophenoxy herbicide 4-chloro-2-methylphenoxyacetic acid (MCPA).

Respiratory health effects due to long-term low-level paraquat exposure.

The role of trivalent dimethylated arsenic in dimethylarsinic acid-promoted skin and lung tumorigenesis in mice: tumor-promoting action through the induction of oxidative stress.

Activity of NADPH-cytochrome P-450 reductase of the human heart, liver and lungs in the presence of (-)-epigallocatechin gallate, quercetin and resveratrol: an in vitro study.

Decreasing the oxidant stress from paraquat in isolated perfused rat lung using captopril and niacin.

The role of microglia in paraquat-induced dopaminergic neurotoxicity.

Update: hydrogen cyanamide-related illnesses--Italy, 2002-2004.

Inhaled nitric oxide improves the survival of the paraquat-injured rats.

Paraquat poisoning.

Determination of biological reference values for chlorpyrifos metabolites in human urine using a toxicokinetic approach.

Expression of vasoactive mediators during mechanical ventilation in nitrofen-induced diaphragmatic hernia in rats.

Illnesses related to shank application of metam-sodium, Arvin, California, July 2002.

Arsenic-induced micronuclei formation in mammalian cells and its counteraction by tea.

Differential effects of vitamin A on fetal lung growth and diaphragmatic formation in nitrofen-induced rat model.

Transforming growth factor-beta1 upregulation is independent of angiotensin in paraquat-induced lung fibrosis.

Ragweed (Ambrosia) progression and its health risks: will Switzerland resist this invasion?

The aldehyde acrolein induces apoptosis via activation of the mitochondrial pathway.

Paraquat poisoning.

Inhibition of NFkappaB activation and IL-8 expression in human bronchial epithelial cells by acrolein.

Bioactive metabolites from the fungus *Nectria galligena*, the main apple canker agent in Chile.

Differential impact of environmental stresses on the pea mitochondrial proteome.

Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in mice following acute oral administration of arsenate.

Tissue distribution of arsenic species in rabbits after single and multiple parenteral administration of arsenic trioxide: tissue accumulation and the reversibility after washout are tissue-selective.

Tissue, species, and environmental differences in absolute quantities of murine mRNAs coding for alpha, mu, omega, pi, and theta glutathione S-transferases.

Antioxidant properties of cystic fibrosis sputum.

Induction of heat shock protein 70 in rat olfactory epithelium by toxic chemicals: in vitro and in vivo studies.

Can maternal vitamin e supplementation prevent lung hypoplasia in the nitrofen-induced rat model of congenital diaphragmatic hernia?

Fryns syndrome without diaphragmatic hernia. Report on a new case and review of the literature.

Pediatric fatality following ingestion of dinitrophenol: postmortem identification of a "dietary supplement".

[Health risk related to municipal waste incineration].

Effect of nitric oxide on the development of nitrofen-induced fetal hypoplastic lung explants.

Olfactory epithelial metaplasia and hyperplasia in female Harlan Sprague-Dawley rats following chronic treatment with polychlorinated biphenyls.

Quantitative analysis of cereulide, an emetic toxin of *Bacillus cereus*, by using rat liver mitochondria.

Dose-additive carcinogenicity of a defined mixture of "dioxin-like compounds".

Positive end-expiratory pressure prevents lung mechanical stress caused by recruitment/derecruitment.

Serum soluble transferrin receptor is a valuable diagnostic tool in iron deficiency of breath-holding spells.

Tissue Doppler-derived indices predict exercise capacity in patients with apical hypertrophic cardiomyopathy.

Nitrovasodilator responses in pulmonary arterioles from rats with nitrofen-induced congenital diaphragmatic hernia.

Adrenomedullin is up-regulated in nitrofen-induced fetal pulmonary hypoplasia.

Effect of pollen-mediated oxidative stress on immediate hypersensitivity reactions and late-phase inflammation in allergic conjunctivitis.

Severe cyanide toxicity from 'vitamin supplements'.

A new paradigm in respiratory hygiene: increasing the cohesivity of airway secretions to improve cough interaction and reduce aerosol dispersion.

Induction of the heat shock response in vivo inhibits NF-kappaB activity and protects murine liver from endotoxemia-induced injury.

Increased mortality associated with TCDD exposure in mice infected with influenza A virus is not due to severity of lung injury or alterations in Clara cell protein content.

Gene expression changes in human small airway epithelial cells exposed to Delta9-tetrahydrocannabinol.

Congenital diaphragmatic hernia: a retinoid-signaling pathway disruption during lung development?

Glycation of mitochondrial proteins from diabetic rat kidney is associated with excess superoxide formation.

Induction of p53 by urokinase in lung epithelial cells.

Role of mitochondria in the regulation of hypoxia-inducible factor-1alpha in the rat carotid body glomus cells.

One agent, many diseases: exposure-response data and comparative risks of different outcomes following silica exposure.

Public health benefits of compliance with current E.U. emissions standards for municipal waste incinerators: a health risk assessment with the CalTox multimedia exposure model.

Activation of the aryl hydrocarbon receptor increases pulmonary neutrophilia and diminishes host resistance to influenza A virus.

Congenital diaphragmatic hernia, tracheal occlusion, thyroid transcription factor-1, and fetal pulmonary epithelial maturation.

Acute methyl iodide exposure with delayed neuropsychiatric sequelae: report of a case.

Peroxiredoxin 6, a 1-Cys peroxiredoxin, functions in antioxidant defense and lung phospholipid metabolism.

Role of autoimmune gastritis, *Helicobacter pylori* and celiac disease in refractory or unexplained iron deficiency anemia.

Localization of cytochrome P450 CYP2S1 expression in human tissues by in situ hybridization and immunohistochemistry.

Chronic toxicity and carcinogenicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin displays a distinct dose/time toxicity threshold ($c \times t = k$) and a life-prolonging subthreshold effect.

Detection of volatile compounds emitted by *Pseudomonas aeruginosa* using selected ion flow tube mass spectrometry.

Effect of a chemical manufacturing plant on community cancer rates.

Antenatal vitamin A administration attenuates lung hypoplasia by interfering with early instead of late determinants of lung underdevelopment in congenital diaphragmatic hernia.

Efficacy of sublingual coseasonal immunotherapy with a monomeric allergoid in Cupressaceae pollen allergy--preliminary data.

Insulinlike growth factor I gene expression is increased in the fetal lung after tracheal ligation.

Structural and functional alterations in mitochondrial membrane in picrotoxin-induced epileptic rat brain.

Co-mutagenic activity of arsenic and benzo[a]pyrene in mouse skin.

Non-specific effects of 4-chloro-m-cresol may cause calcium flux and respiratory burst in human neutrophils.

Differential inhibitory effect of long-chain acyl-CoA esters on succinate and glutamate transport into rat liver mitochondria and its possible implications for long-chain fatty acid oxidation defects.

Endogenous vascular hydrogen peroxide regulates arteriolar tension in vivo.

A polychromatic staining method for epoxy embedded tissue: a new combination of methylene blue and basic fuchsine for light microscopy.

Age-associated decline in mitochondrial respiration and electron transport in *Drosophila melanogaster*.

Localization and differential activity of P-glycoprotein in the bovine olfactory and nasal respiratory mucosae.

Assessment of baseline toxicity of mono-cyclic aromatic compounds by *pseudomonas* initial oxygen uptake assay.

Role of adenosine A1 and A3 receptors in regulation of cardiomyocyte homeostasis after mitochondrial respiratory chain injury.

Scope for regulation of cigarette smoke toxicity: the case for including charcoal filters.

Scope for regulation of cigarette smoke toxicity according to brand differences in published toxicant emissions.

Type-3 ryanodine receptors mediate hypoxia-, but not neurotransmitter-induced calcium release and contraction in pulmonary artery smooth muscle cells.

Platelets can neutralize hydrogen peroxide in an acute toxicity model with cells involved in granulation tissue formation.

Effects of elastase on the mechanical and failure properties of engineered elastin-rich matrices.

Microbial dechlorination of dioxins in estuarine enrichment cultures: effects of respiratory conditions and priming compound on community structure and dechlorination patterns.

Human cytochrome p450 2s1: lack of activity in the metabolic activation of several cigarette smoke carcinogens and in the metabolism of nicotine.

Carcinogenic activity of cigarette smoke gas phase and its modulation by beta-carotene and N-acetylcysteine.

Competing roles of cytochrome P450 1A1/1B1 and aldo-keto reductase 1A1 in the metabolic activation of (+/-)-7,8-dihydroxy-7,8-dihydro-benzo[a]pyrene in human bronchoalveolar cell extracts.

Hemodynamic and respiratory responses to microinjection of ATP into the intermediate and caudal NTS of awake rats.

A throat lozenge containing amyl meta cresol and dichlorobenzyl alcohol has a direct virucidal effect on respiratory syncytial virus, influenza A and SARS-CoV.

Pesticides and lung cancer risk in the agricultural health study cohort.

Fatal paraquat poisoning in seven Portland, Oregon, dogs.

Pulmonary function and exercise-associated changes with chronic low-level paraquat exposure.

Cancer incidence among pesticide applicators exposed to atrazine in the Agricultural Health Study.

Chlorpropham-induced splenotoxicity and its recovery in rats.

Chymase is activated in the pulmonary inflammation and fibrosis induced by paraquat in hamsters.

The role of active arsenic species produced by metabolic reduction of dimethylarsinic acid in genotoxicity and tumorigenesis.

Metallothionein (I/II) suppresses genotoxicity caused by dimethylarsinic acid.

Response of rat alveolar type II cells and human lung tumor cells towards oxidative stress induced by hydrogen peroxide and paraquat.

Glyphosate herbicide formulation: a potentially lethal ingestion.

[Human health and pesticides used in the spraying of illicit crops: an issue of science or politics?].

Gene expression analysis of the lung following paraquat administration in rats using DNA microarray.

Foetal rat lung epithelial (FRLE) cells: partial characterisation and response to pneumotoxins.

Multiple medical problems following agent orange exposure.

Glyphosate poisoning.

Poisoning due to chlorophenoxy herbicides.

Association between lung function and exposure to smoke among firefighters at prescribed burns.

The involvement of p53 in paraquat-induced apoptosis in human lung epithelial-like cells.

Effects of environmental concentrations of atrazine on hemocyte density and phagocytic activity in the pond snail *Lymnaea stagnalis* (Gastropoda, Pulmonata).

Concentration of TBA-reactive substances in type II pneumocytes exposed to oxidative stress.

Time course of respiratory mechanics and pulmonary structural remodelling in acute lung injury.

Early differential gene expression of rat lung after exposure to paraquat.

Internal recycling of respiratory CO₂ in pods of chickpea (*Cicer arietinum* L.): the role of pod wall, seed coat, and embryo.

Stable compounds of cigarette smoke induce endothelial superoxide anion production via NADPH oxidase activation.

New-onset asthma associated with exposure to 3-amino-5-mercapto-1,2,4-triazole.

Impairment of small intestinal protein assimilation in patients with end-stage renal disease: extending the malnutrition-inflammation-atherosclerosis concept.

A chronic Alzheimer's model evoked by mitochondrial poison sodium azide for pharmacological investigations.

Systemic-to-pulmonary collaterals: a source of flow energy loss in Fontan physiology.

Role of estrogen receptor in regulation of polycyclic aromatic hydrocarbon metabolic activation in lung.

Animal models for arsenic carcinogenesis: inorganic arsenic is a transplacental carcinogen in mice.

Understanding arsenic carcinogenicity by the use of animal models.

[Bronchial impairment of main bronchus by aspiration of ferrous sulphate tablet].

The relationship of diaphragmatic defect, liver growth, and lung hypoplasia in nitrofen-induced congenital diaphragmatic hernia in the rat.

Human muscle sarcoplasmic reticulum function during submaximal exercise in normoxia and hypoxia.

Pulmonary vascular morphology in a fetal rabbit model for congenital diaphragmatic hernia.

Modeling of methyl isothiocyanate air concentrations associated with community illnesses following a metam-sodium sprinkler application.

Antioxidant capacity of cultured mammalian cells estimated by ESR method.

Warm or cold ischemia in animal models of lung ischemia-reperfusion injury: is there a difference?

VEGF expression is downregulated in nitrofen-induced congenital diaphragmatic hernia.

Mechanisms underlying arsenic carcinogenesis: hypersensitivity of mice exposed to inorganic arsenic during gestation.

Characterization of bronchiolar metaplasia of the alveolar epithelium in female Sprague-Dawley rats exposed to 3,3',4,4',5-pentachlorobiphenyl (PCB126).

Pulmonary elastin expression is decreased in the nitrofen-induced rat model of congenital diaphragmatic hernia.

Early-life environmental risk factors for asthma: findings from the Children's Health Study.

Differential regulation of calcium homeostasis in adenocarcinoma cell line A549 and its Taxol-resistant subclone.

Reductions in the incidence of nitrofen-induced diaphragmatic hernia by vitamin A and retinoic acid.

Reduction of androgen receptor expression by benzo[alpha]pyrene and 7,8-dihydro-9,10-epoxy-7,8,9,10-tetrahydrobenzo[alpha]pyrene in human lung cells.

Oxygen-regulated expression of the RNA-binding proteins RBM3 and CIRP by a HIF-1-independent mechanism.

Decreased expression of voltage-gated K⁺ channels in pulmonary artery smooth muscles cells in nitrofen-induced congenital diaphragmatic hernia in rats.

Role of oxidative damage in Friedreich's ataxia.

Endogenous mitochondrial oxidative stress: neurodegeneration, proteomic analysis, specific respiratory chain defects, and efficacious antioxidant therapy in superoxide dismutase 2 null mice.

Treatment of iron deficiency anemia with Ferro-Folgamma.

Effect of epidermal growth factor on pulmonary hypoplasia in experimental diaphragmatic hernia.

Nitrofen-induced congenital diaphragmatic hernia in rat embryo: what model?

Study on the organoleptic intensity scale for measuring oral malodor.

Induction of tumors of the liver, lung, ovary and adrenal in adult mice after brief maternal gestational exposure to inorganic arsenic: promotional effects of postnatal phorbol ester exposure on hepatic and pulmonary, but not dermal cancers.

Comparison between exhaled and sputum oxidative stress biomarkers in chronic airway inflammation.

Human bronchial smooth muscle cell proliferation via thromboxane A2 receptor.

EGR1 is a novel target for AhR agonists in human lung epithelial cells.

Higher respiratory activity decreases mitochondrial reactive oxygen release and increases life span in *Saccharomyces cerevisiae*.

Expression patterns of basic helix-loop-helix transcription factors define subsets of olfactory progenitor cells.

Strain-specific of alachlor on murine olfactory mucosal responses.

Effects of 1,3-butadiene, isoprene, and their photochemical degradation products on human lung cells.

Ascorbic acid in nasal and tracheobronchial airway lining fluids.

Menadione reduces rotenone-induced cell death in cerebellar granule neurons.

Redox modulation of chromatin remodeling: impact on histone acetylation and deacetylation, NF-kappaB and pro-inflammatory gene expression.

Src kinase mediates angiotensin II-dependent increase in pulmonary endothelial nitric oxide synthase.

Stimulators of AMP-activated protein kinase inhibit the respiratory burst in human neutrophils.

Gene interaction network suggests dioxin induces a significant linkage between aryl hydrocarbon receptor and retinoic acid receptor beta.

Exponential modeling, washout curve reconstruction, and estimation of half-life of toluene and its metabolites.

Transport of deslorelin, an LHRH agonist, is vectorial and exhibits regional variation in excised bovine nasal tissue.

Heparin affects signaling pathways stimulated by fibroblast growth factor-1 and -2 in type II cells.

Catalase binds Grb2 in tumor cells when stimulated with serum or ligands for integrin receptors.

The human CYP1A1 gene is regulated in a developmental and tissue-specific fashion in transgenic mice.

Activation of the aryl hydrocarbon receptor diminishes the memory response to homotypic influenza virus infection but does not impair host resistance.

A screening-level assessment of the health risks of chronic smoke exposure for wildland firefighters.

Developmental exposure to the potent aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin Impairs the cell-mediated immune response to infection with influenza a virus, but enhances elements of innate immunity.

Enhancing effect of the endocrine disruptor para-nonylphenol on the generation of reactive oxygen species in human blood neutrophils.

Effect of arsenic on benzo[a]pyrene DNA adduct levels in mouse skin and lung.

Differential role of Janus family kinases (JAKs) in interferon-gamma-induced lung epithelial ICAM-1 expression: involving protein interactions between JAKs, phospholipase Cgamma, c-Src, and STAT1.

Perinatal dioxin exposure and later effects--a review.

A comparative study on the effects of 2,3,7,8,-tetrachlorodibenzo-p-dioxin polychlorinated biphenyl126 and estrogen in human bronchial epithelial cells.

Impact of mitochondrial inhibition on excitability and cytosolic Ca²⁺ levels in brainstem motoneurons from mouse.

DNA adduct formation in precision-cut rat liver and lung slices exposed to benzo[a]pyrene.

Nitric oxide and platelet energy metabolism.

Urokinase receptor mRNA stability involves tyrosine phosphorylation in lung epithelial cells.

Changes in mitochondrial electron partitioning in response to herbicides inhibiting branched-chain amino acid biosynthesis in soybean.

Prospects for treatment of paraquat-induced lung fibrosis with immunosuppressive drugs and the need for better prediction of outcome: a systematic review.

Birth malformations and other adverse perinatal outcomes in four U.S. Wheat-producing states.

The herbicide dicamba (2-methoxy-3,6-dichlorobenzoic acid) interacts with mitochondrial bioenergetic functions.

[Ginkgo biloba extract protection in acute paraquat poisoning of rat lung tissue].

Changes in the fatty acid composition and hydroxyproline content in rat lung in relation to collagen synthesis after paraquat administration.

Health effects on nearby residents of a wood treatment plant.

Consecutive administration of paraquat to rats induces enhanced cholesterol peroxidation and lung injury.

Mortality among triazine herbicide manufacturing workers.

Fatal acute poisoning by bentazon.

Lung function and airway inflammation in rats following exposure to combustion products of carbon-graphite/epoxy composite material: comparison to a rodent model of acute lung injury.

Pentachlorophenol poisoning.

The mitochondrial complex I inhibitor annonacin is toxic to mesencephalic dopaminergic neurons by impairment of energy metabolism.

Methylprednisolone effects on oxygenation and histology in a rat model of acute lung injury.

[Paraquat intoxication].

Comparative effects of herbicide dicamba and related compound on plant mitochondrial bioenergetics.

Focal transmural necrotic tracheitis in commercial meat turkeys.

Evaluation of genotoxicity of PCP and 2,4-D by micronucleus test in freshwater fish *Channa punctatus*.

Cigarette smoke triggers macrophage adhesion and activation: role of lipid peroxidation products and scavenger receptor.

Effects of oxygen on the antioxidant responses of normal and transformed cells.

Modulation of benzo[a]pyrene-induced p53 DNA activity by acrolein.

Immediate sensory nerve-mediated respiratory responses to irritants in healthy and allergic airway-diseased mice.

Reduction of paraquat-induced oxidative stress in rats by dietary soy peptide.

Chondroitin sulfate proteoglycans are required for lung growth and morphogenesis in vitro.

Accumulation and metabolism of arsenic in mice after repeated oral administration of arsenate.

Induction of 1-cys peroxiredoxin expression by oxidative stress in lung epithelial cells.

Acrolein-induced vasomotor responses of rat aorta.

[Effect of aminotriazole on the activity of catalase and glucose-6-phosphate dehydrogenase in tissues of two frog species--*Rana ridibunda* and *Rana esculenta*].

Change in the concentration of vitamins C and E in rat tissues by paraquat administration.

The role of oxidative stress in the in vitro induction of micronuclei by pesticides in mouse lung fibroblasts.

[Acute poisoning caused by intravenous arsenic].

Dioxins released from incineration plants and mortality from major diseases: an analysis of statistical data by municipalities.

'Iron lung': distinctive bronchoscopic features of acute iron tablet aspiration.

Evidence for impaired assimilation of protein in chronic renal failure.

Effects of mitochondrial inhibitors and uncouplers on hypoxic vasoconstriction in rabbit lungs.

Experience of the small size (25 mm) Sorin Bicarbon bileaflet prosthetic valve in patients with small mitral annuli.

Fewer CTL, not enhanced NK cells, are sufficient for viral clearance from the lungs of immunocompromised mice.

Immunoglobulin E is not required for but enhances airway inflammation and hyperresponsiveness.

Pulmonary surfactant protein A, B, and C mRNA and protein expression in the nitrofen-induced congenital diaphragmatic hernia rat model.

Unbalanced collagenases/TIMP-1 expression and epithelial apoptosis in experimental lung fibrosis.

Effect of pesticide exposure on HER-2/neu overexpression seen in patients with extensive stage small cell lung carcinoma.

2,3,7,8-tetrachlorodibenzo-p-dioxin selectively enhances spontaneous IgE production in B cells from atopic patients.

Fetal heart development in the nitrofen-induced CDH rat model: the role of mechanical and nonmechanical factors.

Effect of corticosteroid on lung parenchyma remodeling at an early phase of acute lung injury.

Cancer risk for chemical workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Dermal exposure to 3-amino-5-mercapto-1,2,4-triazole (AMT) induces sensitization and airway hyperreactivity in BALB/c mice.

Short- and long-term morbidity and mortality in the population exposed to dioxin after the "Seveso accident".

Prenatal vitamin E improves lung and heart hypoplasia in experimental diaphragmatic [correction of diaphragmatic] hernia.

Gene expression of fibroblast growth factors 10 and 7 is downregulated in the lung of nitrofen-induced diaphragmatic hernia in rats.

Increased expression of ICAM-1 and VCAM-1 in the lung of nitrofen-induced congenital diaphragmatic hernia in rats.

Examining the relationship between impaired host resistance and altered immune function in mice treated with TCDD.

Large-conductance K⁺ channel openers NS1619 and NS004 as inhibitors of mitochondrial function in glioma cells.

Aryl hydrocarbon receptor gene silencing with small inhibitory RNA differentially modulates Ah-responsiveness in MCF-7 and HepG2 cancer cells.

Expression and activity of matrix metallo proteinases 2 and 9 and their inhibitors in rat lungs during the perinatal period and in diaphragmatic hernia.

Protective effect of melatonin against mitochondrial injury induced by ischemia and reperfusion of rat liver.

Globose basal cells are required for reconstitution of olfactory epithelium after methyl bromide lesion.

Human health effects of sodium azide exposure: a literature review and analysis.

Heat shock protein (HSP72) and p38 MAPK involvement in sublethal hemorrhage (SLH)-induced tolerance.

Effects of agricultural pesticides on the immune system of *Rana pipiens* and on its resistance to parasitic infection.

Health impacts of pesticide exposure in a cohort of outdoor workers.

Risk factors associated with lung cancer in Hong Kong.

Essential role of complex II of the respiratory chain in hypoxia-induced ROS generation in the pulmonary vasculature.

Etiology of congenital diaphragmatic hernia: the retinoid hypothesis.

Airway smooth muscle changes in the nitrofen-induced congenital diaphragmatic hernia rat model.

Matrix metalloproteinase-9 and tissue inhibitor of metalloproteinase-1: expression in the lung of fetal rats with nitrofen-induced diaphragmatic hernia.

Toxicokinetics of DL-glufosinate enantiomer in human BASTA poisoning.

Edaravone protects against ischemia/reperfusion-induced oxidative damage to mitochondria in rat liver.

Down-regulation of sonic hedgehog expression in pulmonary hypoplasia is associated with congenital diaphragmatic hernia.

Different effects of metabolic inhibitors and cyclosporin A on daunorubicin transport in leukemia cells from patients with AML.

Embryological origins and development of the rat diaphragm.

[Inhibition of ABC-transporter(s)' function in non-small cell lung cancer cells by platinum drugs].

Hyperoxia prevents carrageenan-induced enlargement of functional residual lung capacity in rats.

[Occupational epidemiology: from analysis of the apparent to investigation of the unknown].

Transplacental carcinogenicity of inorganic arsenic in the drinking water: induction of hepatic, ovarian, pulmonary, and adrenal tumors in mice.

Iron supplementation improves iron status and reduces morbidity in children with or without upper respiratory tract infections: a randomized controlled study in Colombo, Sri Lanka.

Protein tyrosine phosphatase activity regulates endothelial cell-cell interactions, the paracellular pathway, and capillary tube stability.

Damage to developing mouse skeletal muscle myotubes in culture: protective effect of heat shock proteins.

Involvement of protein tyrosine kinase in Toll-like receptor 4-mediated NF-kappa B activation in human peripheral blood monocytes.

Oxidative stress-induced cell death of human oral neutrophils.

Relationships between respiration and susceptibility to azole antifungals in *Candida glabrata*.

Acutely administered melatonin restores hepatic mitochondrial physiology in old mice.

Endothelial contraction and monolayer hyperpermeability are regulated by Src kinase.

Photosynthetic and respiratory electron transport in the alkaliphilic cyanobacterium *Arthrospira* (*Spirulina*) *platensis*.

Determination of patterns of biologically relevant aldehydes in exhaled breath condensate of healthy subjects by liquid chromatography/atmospheric chemical ionization tandem mass spectrometry.

Cell-specific expression of CYP2A5 in the mouse respiratory tract: effects of olfactory toxicants.

TA-270 [4-hydroxy-1-methyl-3-octyloxy-7-sinapinoylamino-2(1H)-quinolinone], an anti-asthmatic agent, inhibits leukotriene production induced by IgE receptor stimulation in RBL-2H3 cells.

NTP toxicology and carcinogenesis Studies of 2,4-hexadienal (89% trans,trans isomer, CAS No. 142-83-6; 11% cis,trans isomer) (Gavage Studies).

Lethal and sublethal effects of atrazine, carbaryl, endosulfan, and octylphenol on the streamside salamander (*Ambystoma barbouri*).

Simulation of dioxin accumulation in human tissues and analysis of reproductive risk.

Heparan sulfates expressed in the distal lung are required for Fgf10 binding to the epithelium and for airway branching.

[Methodology in occupational and environmental epidemiology].

Dimethyl disulfide exerts insecticidal neurotoxicity through mitochondrial dysfunction and activation of insect K(ATP) channels.

A cuvette-based fluorometric analysis of mitochondrial membrane potential measured in cultured astrocyte monolayers.

Effects of garage employment and tobacco smoking on breathing-zone concentrations of carbonyl compounds.

Genomic and proteomic profiling of responses to toxic metals in human lung cells.

Chemiluminescence response of beta-glucan stimulated leukocytes isolated from different tissues and peritoneal cavity of *Dicentrarchus labrax*.

The effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on chorionic gonadotrophin activity in pregnant macaques.

RNA interference-mediated silencing of *Sod2* in *Drosophila* leads to early adult-onset mortality and elevated endogenous oxidative stress.

Progression of alachlor-induced olfactory mucosal tumours.

Combined methylprednisolone and dexamethasone therapy for paraquat poisoning.

Role of antioxidants in paraquat toxicity.

Differential heat shock gene hsp70-1 response to toxicants revealed by in vivo study of lungs in transgenic mice.

Effects of early embryonal exposure to dexamethasone on malformations of neural-crest derivatives induced by nitrofen in rats.

Paraquat-induced gene expression in rat lung tissues using a differential display reverse transcription-polymerase chain reaction.

Methylprednisolone does not enhance the surfactant effects on oxygenation and histology in paraquat-induced rat lung injury.

Environmental agents as cause of health disorders in children presented at an outpatient unit of environmental medicine.

Protective effect of aminoguanidine against paraquat-induced oxidative stress in the lung of mice.

Predictors of survival after acute paraquat poisoning.

Differential effects of olfactory toxicants on olfactory regeneration.

What is a spontaneous pneumothorax?

Oxysterols as indices of oxidative stress in man after paraquat ingestion.

A 16-year-old boy with rapidly progressing pulmonary fibrosis.

Acrolein-induced cytotoxicity in cultured human bronchial epithelial cells. Modulation by alpha-tocopherol and ascorbic acid.

Paraquat-induced oxidative stress and dysfunction of the glutathione redox cycle in pulmonary microvascular endothelial cells.

In vivo genotoxicity evaluation of dimethylarsinic acid in MutaMouse.

Fetotoxic action of 2,4-dichlorophenoxyacetic acid (2,4-D). III. Morphological changes in rat kidneys.

An analysis of glyphosate data from the California Environmental Protection Agency Pesticide Illness Surveillance Program.

Severe propanil [N-(3,4-dichlorophenyl) propanamide] pesticide self-poisoning.

In vitro effect of air pollutants on human bronchi.

Population growth kinetics and bulk membrane lipid alterations in *Tetrahymena pyriformis*: exposure to pentachlorophenol.

Involvement of N-methyl-D-aspartate receptors in nociception in the cyclophosphamide-induced vesical pain model in the conscious rat.

Evaluation of the protective effect of oestradiol against toxicity induced by 6-hydroxydopamine and 1-methyl-4-phenylpyridinium ion (Mpp+) towards dopaminergic mesencephalic neurones in primary culture.

[War and medicine in a culture of peace. 3. Synopsis of chemical warfare agents].

Failure of continuous venovenous hemofiltration to prevent death in paraquat poisoning.

The role of sodium cromolyn in treatment of paraquat-induced pulmonary fibrosis in rat.

Mucin apoprotein expression in COPD.

Serum SP-D is a marker of lung injury in rats.

Inhibition of cell proliferation and AP-1 activity by acrolein in human A549 lung adenocarcinoma cells due to thiol imbalance and covalent modifications.

Mitochondrial-driven bicarbonate transport supports photosynthesis in a marine microalga.

Soy protein reduces paraquat-induced oxidative stress in rats.

In vitro effect of eugenol and cinnamaldehyde on membrane potential and respiratory chain complexes in isolated rat liver mitochondria.

Acrolein causes transcriptional induction of phase II genes by activation of Nrf2 in human lung type II epithelial (A549) cells.

Systemic uptake of inhaled arsenic in rabbits.

Chemiluminescence of superoxide generated by *Candida albicans*: differential effects of the superoxide generator paraquat on a wild-type strain and a respiratory mutant.

Direct analysis of volatile organic compounds in human breath using a miniaturized cylindrical ion trap mass spectrometer with a membrane inlet.

Erythromycin slows aging of *Saccharomyces cerevisiae*.

Mesenchymal nuclear transcription factors in nitrofen-induced hypoplastic lung.

Community exposures to airborne agricultural pesticides in California: ranking of inhalation risks.

Pulmonary effects of ultrafine and fine ammonium salts aerosols in healthy and monocrotaline-treated rats following short-term exposure.

Antenatal dexamethasone enhances endothelin-1 synthesis and gene expression in the heart in congenital diaphragmatic hernia in rats.

Iron-induced bronchial injury.

Role of bioavailable iron in coal dust-induced activation of activator protein-1 and nuclear factor of activated T cells: difference between Pennsylvania and Utah coal dusts.

Cytoskeletal structure of myoblasts with the mitochondrial DNA 3243A-->G mutation and of osteosarcoma cells with respiratory chain deficiency.

Arsenite cocarcinogenesis: an animal model derived from genetic toxicology studies.

Indirect effects of oral tolerance to ovalbumin interfere with the immune responses triggered by *Schistosoma mansoni* eggs.

Expression of surfactant proteins and thyroid transcription factor 1 in an ovine model of congenital diaphragmatic hernia.

Differential toxicogenomic responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin in malignant and nonmalignant human airway epithelial cells.

Clinical approach to chronic beryllium disease and other nonpneumoconiotic interstitial lung diseases.

Mortality in dioxin-exposed mice infected with influenza: mitochondrial toxicity (reye's-like syndrome) versus enhanced inflammation as the mode of action.

Nitrofen inhibition of pulmonary growth and development occurs in the early embryonic mouse.

Thyroid transcription factor-1 expression during normal human lung development and in patients with congenital diaphragmatic hernia.

Effect of mechanical ventilation on the pulmonary expression and production of elastin in nitrofen-induced diaphragmatic hernia in rats.

Oxidation-reduction (redox) controls fetal hypoplastic lung growth.

Murine nitrofen-induced pulmonary hypoplasia does not involve induction of TGF-beta signaling.

Stress protection by a fluorescent Hsp27 chimera that is independent of nuclear translocation or multimeric dissociation.

Workshop report. Children as a special subpopulation: focus on immunotoxicity. Federal Institute for Health Protection of Consumers and Veterinary Medicine (BgVV), 15-16 November 2001, Berlin, Germany.

Challenging embryological theories on congenital diaphragmatic hernia: future therapeutic implications for paediatric surgery.

Induction of HSP72 by sodium arsenite fails to protect against cholecystokinin-octapeptide-induced acute pancreatitis in rats.

Does iron have a place in the management of breath holding spells?

Angiopoietin-1 and VEGF in vascular development and angiogenesis in hypoplastic lungs.

Immunologic biomarkers in relation to exposure markers of PCBs and dioxins in Flemish adolescents (Belgium).

Increased vascular endothelial growth factor peptide and gene expression in hypoplastic lung in nitrofen induced congenital diaphragmatic hernia in rats.

Effect of prenatal glucocorticoids and postnatal nitric oxide inhalation on survival of newborn rats with nitrofen-induced congenital diaphragmatic hernia.

Proinflammatory and Th1 cytokine alterations following ultraviolet radiation enhancement of disease due to influenza infection in mice.

Tumor necrosis factor-alpha and interleukin-1beta mediate the production of nitric oxide involved in the pathogenesis of ifosfamide induced hemorrhagic cystitis in mice.

Syndrome of iron pill aspiration.

Marginal iron deficiency without anemia impairs aerobic adaptation among previously untrained women.

[Acute effects of methyl bromide gas in rats and mice--studies on survival time].

Chemical predictors of wheeze among farmer pesticide applicators in the Agricultural Health Study.

Non-ahr gene susceptibility Loci for porphyria and liver injury induced by the interaction of 'dioxin' with iron overload in mice.

Arsenic-induced Mre11 phosphorylation is cell cycle-dependent and defective in NBS cells.

Decrease in K-ras p21 and increase in Raf1 and activated Erk 1 and 2 in murine lung tumors initiated by N-nitrosodimethylamine and promoted by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Association between chronic exposure to pesticides and recorded cases of human malignancy in Gaza Governorates (1990-1999).

Identification of a novel dioxin-inducible cytochrome P450.

Lack of promoting effect due to oral administration of dimethylarsinic acid on rat lung carcinogenesis initiated with N-bis(2-hydroxypropyl)nitrosamine.

[Exposure to selected aldehydes among municipal transport bus drivers].

Expression of the uncoupling protein 1 from the aP2 gene promoter stimulates mitochondrial biogenesis in unilocular adipocytes in vivo.

Metabolism and excretion of 2-nitro-p-cresol in rats.

Acute arsenite-induced 8-hydroxyguanine is associated with inhibition of repair activity in cultured human cells.

Role of oxidative phosphorylation and ATP release in mediating birth-related pulmonary vasodilation in fetal lambs.

Cyclosporin A-sensitive permeability transition pore is involved in Cd(2+)-induced dysfunction of isolated rat liver mitochondria: doubts no more.

Oxidative stress and gene transcription in asthma and chronic obstructive pulmonary disease: antioxidant therapeutic targets.

Biochemical evidence for transcytotic absorption of polyaspartamide from the rat lung: effects of temperature and metabolic inhibitors.

Hazardous air pollutants and asthma.

Severe 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) intoxication: insights into the measurement of hepatic cytochrome P450 1A2 induction.

Simple fibroblast-based assay for screening of new antimicrobial drugs against *Mycobacterium tuberculosis*.

Urokinase induces its own expression in Beas2B lung epithelial cells.

Mechanism of cytotoxicity of paraquat.

The effect of ascorbic acid and ethanol on the level of thiobarbituric acid reactive substances (TBARS) in selected tissues of albino BALB/c mice.

Sensory nerve-mediated nasal vasodilatory response to inspired ethyl acrylate.

Stereoselective transport of histidine in rat lung microvascular endothelial cells.

Induction of CYP1A1 and CYP1A2 expressions by prototypic and atypical inducers in the human lung.

[Inhibitors of complex III and IV of the mitochondrial respiratory chain].

[Changes of thioredoxin mRNA level in neurons insulted by sodium azide].

Thrombin-stimulated cell proliferation mediated through activation of Ras/Raf/MEK/MAPK pathway in canine cultured tracheal smooth muscle cells.

Effect of the new matrix metalloproteinase inhibitor RO-28-2653 on mitochondrial function.

Activation of the hexose monophosphate shunt in rat type II pneumocytes as an early marker of oxidative stress caused by cobalt particles.

Arsenic induces oxidative stress and activates stress gene expressions in cultured lung epithelial cells.

In vitro cytotoxicity testing with fluorescence-based assays in cultured human lung and dermal cells.

Acute sodium arsenite administration induces pulmonary CYP1A1 mRNA, protein and activity in the rat.

Captopril inhibits the pulmonary toxicity of paraquat in rats.

Changes in plasma antiproteases in paraquat poisoned rats using micro two-dimensional electrophoretic analysis.

DNA damage by cadmium and arsenic salts assessed by the single cell gel electrophoresis assay.

Changes in concentrations of type IV collagen and tissue inhibitor of metalloproteinase-1 in patients with paraquat poisoning.

Surfactant and corticosteroid effects on lung function in a rat model of acute lung injury.

Paraquat in developing countries.

Cardiac gene expression and synthesis of atrial natriuretic peptide in the nitrofen model of congenital diaphragmatic hernia in rats: effect of prenatal dexamethazone treatment.

Restoring effects of vitamin A on surfactant synthesis in nitrofen-induced congenital diaphragmatic hernia in rats.

Lung tissue mechanics and extracellular matrix remodeling in acute lung injury.

Oral exposure of dimethylarsinic acid, a main metabolite of inorganic arsenics, in mice leads to an increase in 8-Oxo-2'-deoxyguanosine level, specifically in the target organs for arsenic carcinogenesis.

Role of heat shock protein 60 (HSP60) on paraquat intoxication.

Oxidized forms of peroxiredoxins and DJ-1 on two-dimensional gels increased in response to sublethal levels of paraquat.

Decreased plasma and cerebrospinal fluid glutamine concentrations in a patient with bialaphos poisoning.

Carrier-mediated processes in blood--brain barrier penetration and neural uptake of paraquat.

Assessment of pentachlorophenol-exposed timber workers using a test-of-poisoning model.

Metabolic complications of organophosphate and carbamate poisoning.

Prenatal exposure to nitrofen induces Fryns phenotype in mice.

Tracheal injury caused by ingested paraquat.

Effects of atrazine on embryos, larvae, and adults of anuran amphibians.

A concise review of the toxicity and carcinogenicity of dimethylarsinic acid.

Carcinogenicity assays of wood dust and wood additives in rats exposed by long-term inhalation.

The role of nitric oxide in paraquat-induced cytotoxicity in the human A549 lung carcinoma cell line.

Effect of cigarette smoke extract on neonatal porcine vascular smooth muscle cells.

Association of elevated blood levels of pentachlorophenol (PCP) with cellular and humoral immunodeficiencies.

Pentachlorophenol potentiates benzo[a]pyrene DNA adduct formation in adult but not infant B6C3F1 male mice.

Urothelial cytotoxicity and regeneration induced by dimethylarsinic acid in rats.

Cigarette smoke inhibits human bronchial epithelial cell repair processes.

Altered gene level expression of thyroid hormone receptors alpha-1 and beta-1 in the lung of nitrofen-induced diaphragmatic hernia.

Inhibition of neutrophil apoptosis by acrolein: a mechanism of tobacco-related lung disease?

Heterozygosity for the mouse Apex gene results in phenotypes associated with oxidative stress.

Hyperbaric oxygenation pretreatment induces catalase and reduces infarct size in ischemic rat myocardium.

Chronic low-level administration of diquat increases the nociceptive response to gastric distension in rats: role of mast cells and tachykinin receptor activation.

Overexpression of manganese superoxide dismutase protects lung epithelial cells against oxidant injury.

Impaired spreading of surfactant phospholipids in the lungs of newborn rats with pulmonary hypoplasia as a model of congenital diaphragmatic hernia induced by nitrofen.

Effects of chlorpropham (CIPC) on the hemopoietic system of rats.

Haemonchus contortus utilises catalase in defence against exogenous hydrogen peroxide in vitro.

Ceramide-mediated apoptosis in lung epithelial cells is regulated by glutathione.

Sensory-nerve-mediated nasal vasodilatory response to inspired acetaldehyde and acetic acid vapors.

Cigarette smoke impairs neutrophil respiratory burst activation by aldehyde-induced thiol modifications.

Metabolism and distribution of [2,3-(14)C]acrolein in lactating goats.

Role of the epithelium in opposing H₂O₂-induced modulation of acetylcholine-induced contractions in rabbit intrapulmonary bronchiole.

Hyperoxia inhibits oxidant-induced apoptosis in lung epithelial cells.

DJ-1 is an indicator for endogenous reactive oxygen species elicited by endotoxin.

Decreased lung function associated with perinatal exposure to Dutch background levels of dioxins.

Expression of MRP1 and related transporters in human lung cells in culture.

A dot-immunobinding assay (dot-Iba) for rapid diagnosis of pulmonary tuberculosis.

[A case of fatal acute sodium azide poisoning].

Butylhydroxytoluene (BHT) increases susceptibility of transgenic rasH2 mice to lung carcinogenesis.

Decreased mitogen activated protein kinase activities in congenital diaphragmatic hernia-associated pulmonary hypoplasia.

Iron supplementation inhibits cough associated with ACE inhibitors.

Down-regulation of regulatory proteins for differentiation and proliferation in murine fetal hypoplastic lungs: altered mesenchymal-epithelial interactions.

Absence of Crabtree effect in human melanoma cells adapted to growth at low pH: reversal by respiratory inhibitors.

Use of a toxicokinetic model in the analysis of cancer mortality in relation to the estimated absorbed dose of dioxin (2,3,7,8-tetrachlorodibenzo-p-dioxin, TCDD).

Suppression of allergic immune responses to house dust mite (HDM) in rats exposed to 2,3,7,8-TCDD.

Health effects of dioxin exposure: a 20-year mortality study.

Fetal tracheal occlusion in the rat model of nitrofen-induced congenital diaphragmatic hernia: tracheal occlusion reverses the arterial structural abnormality.

Neural crest-derived defects in experimental congenital diaphragmatic hernia.

Dioxin exposure and public health in Chapaevsk, Russia.

Structural immaturity of the heart in congenital diaphragmatic hernia in rats.

Phosphorylation of xanthine dehydrogenase/oxidase in hypoxia.

Suppression of CYP1A1 expression by 4-nonylphenol in murine Hepa-1c1c7 cells.

[Prognostic indexes derived from ventricular morphology in congenital diaphragmatic hernia induced by nitrofen].

Oxygen-induced vasodilation is blunted in pulmonary arterioles from fetal rats with nitrofen-induced congenital diaphragmatic hernia.

Lung carcinogenesis: resveratrol modulates the expression of genes involved in the metabolism of PAH in human bronchial epithelial cells.

Notification of occupational and work-related diseases and poisonings in Malaysia, 1997-1998.

Identification by mass spectrometry of a new alpha-tubulin isotype expressed in human breast and lung carcinoma cell lines.

BAPS prize-1999: Lung growth induced by prenatal tracheal occlusion and its modifying factors: a study in the rat model of congenital diaphragmatic hernia.

Separation of cold medicine ingredients by capillary electrophoresis.

Evidence of P-glycoprotein mediated apical to basolateral transport of flunisolide in human broncho-tracheal epithelial cells (Calu-3).

Respiratory chain network in mitochondria of *Candida parapsilosis*: ADP/O appraisal of the multiple electron pathways.

Histopathological alterations and induction of cytochrome P-450 1A in the liver and gills of the gilthead seabream (*Sparus aurata*) exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Analysis of volatile sulphur compounds in breath by gas chromatography-mass spectrometry using a three-stage cryogenic trapping preconcentration system.

Toxicological relevance of the multidrug resistance protein 1, MRP1 (ABCC1) and related transporters.

Reductions in systemic oxygen delivery induce a hypometabolic state in the turtle *Trachemys scripta*.

Characterization of three bioenergetically active respiratory terminal oxidases in the cyanobacterium *Synechocystis* sp. strain PCC 6803.

Role of substrates in the regulation of mitochondrial function in situ.

Pulmonary Cyp1A1 and CYP1A2 levels and activities in adult male and female offspring of rats exposed during gestation and lactation to 2,3,7, 8-tetrachlorodibenzo-p-dioxin.

Serine proteases increase oxidative stress in lung cells.

Bivalent metal ions modulate Cd²⁺ effects on isolated rat liver mitochondria.

Cytotoxic effects of cigarette smoke extract on an alveolar type II cell-derived cell line.

TAT peptide on the surface of liposomes affords their efficient intracellular delivery even at low temperature and in the presence of metabolic inhibitors.

Fusarium solani major allergen peptide IV-1 binds IgE but does not release histamine.

Sodium arsenite enhances AP-1 and NFkappaB DNA binding and induces stress protein expression in precision-cut rat lung slices.

Pressure drop and service life predictions for respirator canisters.

Toxicology of metam sodium.

Mechanisms of thrombin-induced MAPK activation associated with cell proliferation in human cultured tracheal smooth muscle cells.

Mitochondrial adaptation to in vivo polyunsaturated fatty acid deficiency: increase in phosphorylation efficiency.

Effects of cresols (o-, m-, and p-isomers) on the bioenergetic system in isolated rat liver mitochondria.

Prolonged hypoxia during cell development protects mature manganese superoxide dismutase-deficient astrocytes from damage by oxidative stress.

Effect of the respiratory activity on photoinhibition of the cyanobacterium *Synechocystis* sp.

Cultured rat vascular smooth muscle cells are resistant to methylamine toxicity: no correlation to semicarbazide-sensitive amine oxidase.

Application of the nitroblue tetrazolium-reduction method for studies on the production of reactive oxygen species in insect haemocytes.

Nitroxide TEMPOL impairs mitochondrial function and induces apoptosis in HL60 cells.

Genotoxic effects of carbon black particles, diesel exhaust particles, and urban air particulates and their extracts on a human alveolar epithelial cell line (A549) and a human monocytic cell line (THP-1).

Carcinogen biomarkers for lung or oral cancer chemoprevention trials.

Metabolic fate of [14C]-ethanol into endothelial cell phospholipids including platelet-activating factor, sphingomyelin and phosphatidylethanol.

Inhalation toxicity studies of the alpha,beta-unsaturated ketones: 2-cyclohexene-1-one.

Acute and repeated vapor exposure toxicology of 3-(methylthio)propionaldehyde.

Evolution of alachlor-induced nasal neoplasms in the Long-Evans rat.

[Paraquat poisoning. A study of 29 cases and evaluation of the effectiveness of the "Caribbean scheme"].

72-kDa stress protein (hsp72) induced by administration of dimethylarsinic acid to mice accumulates in alveolar flat cells of lung, a target organ for arsenic carcinogenesis.

[Poisonings with the herbicides glyphosate and glyphosate-trimesium].

Lung toxicity of paraquat in the rat.

Comparative toxicity of trivalent and pentavalent inorganic and methylated arsenicals in rat and human cells.

Clinical presentations and prognostic factors of a glyphosate-surfactant herbicide intoxication: a review of 131 cases.

Induction of microsatellite mutations by oxidative agents in human lung cancer cell lines.

Increase in production of ascorbate radical in tissues of rat treated with paraquat.

Effects of environmental pollutants on airways, allergic inflammation, and the immune response.

Propofol improves recovery from paraquat acute toxicity in vitro and in vivo.

Subchronic toxicity of chlorpropham (CIPC) in ICR mice.

Correlating the severity of paraquat poisoning with specific hemodynamic and oxygen metabolism variables.

The effect of exposure to a commercial 2,4-D herbicide formulation during gestation on urethan-induced lung adenoma formation in CD-1 mice.

No significant paraquat-induced oxidative DNA damage in rats.

NMDA receptor activation: critical role in oxidant tissue injury.

Cellular mechanisms of acrolein-induced alteration in calcium signaling in airway smooth muscle.

Effects of methacrolein on the respiratory tract in mice.

A fatal case of chlorate poisoning: confirmation by ion chromatography of body fluids.

Paraquat-induced membrane dysfunction in pulmonary microvascular endothelial cells.

Ligation of the bronchial artery in sheep attenuates early pulmonary changes following exposure to smoke.

Paraquat induces different pulmonary biochemical responses in Wistar rats and Swiss mice.

Stimulated pulmonary cell hyperplasia underlies resistance to alpha-naphthylthiourea.

A long-term follow-up of lung function in survivors of paraquat poisoning.

[Liver steatosis and disorders of mitochondrial oxidative phosphorylation after experimental administration of simazine].

Effects of parasitism and pesticide exposure on characteristics and functions of hemocyte populations in the freshwater snail *Lymnaea palustris* (Gastropoda, Pulmonata).

A case of transient diabetes insipidus associated with poisoning by a herbicide containing glufosinate.

Mechanisms of toxicity, clinical features, and management of acute chlorophenoxy herbicide poisoning: a review.

Pulmonary protective effects of curcumin against paraquat toxicity.

Micronucleus test of herbicide terbutol and its metabolites in cultured Chinese hamster lung cells and male CD-1 mice.

Preventive effects of dietary cabbage acylated anthocyanins on paraquat-induced oxidative stress in rats.

Activation of JNK, p38 and ERK mitogen-activated protein kinases by chromium(VI) is mediated through oxidative stress but does not affect cytotoxicity.

Seasonal changes in lung function in a farming population.

Cyclophosphamide-induced cystitis in freely-moving conscious rats: behavioral approach to a new model of visceral pain.

Antenatal dexamethasone enhances endothelin receptorB expression in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats.

Antenatal dexamethasone improves atrial natriuretic peptide receptors in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats.

Evidence for a role of chloroethylaziridine in the cytotoxicity of cyclophosphamide.

7-Hydroperoxycholesterol as a marker of oxidative stress in rat kidney induced by paraquat.

Role of phosphoglucomutase of *Bordetella bronchiseptica* in lipopolysaccharide biosynthesis and virulence.

Ferric reduction by iron-limited *Chlamydomonas* cells interacts with both photosynthesis and respiration.

Dose-dependent effects on tissue distribution and metabolism of dimethylarsinic acid in the mouse after intravenous administration.

Multiple respiratory bursts as a response to veratrate stress in *Rhodococcus erythropolis* cells.

The mercapturic acid biotransformation pathway of hexachlorobenzene is not involved in the induction of splenomegaly, or skin and lung lesions in the Brown Norway rat.

Immunologic effects of background exposure to polychlorinated biphenyls and dioxins in Dutch preschool children.

Antenatal dexamethasone administration increases fetal lung DNA synthesis and RNA and protein content in nitrofen-induced congenital diaphragmatic hernia in rats.

Prenatal dexamethasone rescues heart hypoplasia in fetal rats with congenital diaphragmatic hernia.

Lung hypoplasia in the nitrofen model of congenital diaphragmatic hernia occurs early in development.

[Bernardino Ramazzini. *Ante litteram epidemiologist*].

Chronic peritoneal inflammation by cyanate in rats.

[Diagnosis of acute poisoning].

Induction of lung lesions in female rats following chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The transcriptional signature of dioxin in human hepatoma HepG2 cells.

Antenatal dexamethasone enhances surfactant protein synthesis in the hypoplastic lung of nitrofen-induced diaphragmatic hernia in rats.

Heart-related indices in experimental diaphragmatic hernia.

Selective involvement of reactive oxygen intermediates in platelet-activating factor-mediated activation of NF-kappaB.

Taxol mediates serine phosphorylation of the 66-kDa Shc isoform.

Fewer T lymphocytes and decreased pulmonary influenza virus burden in mice exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Effect of prenatal tetrandrine therapy on pulmonary vascular structural remodeling in the nitrofen-induced CDH rat model.

The association between meconium and the production and reabsorption of lung liquid and lactate loss by in vitro lungs from fetal guinea pigs.

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) suppresses the humoral and cell-mediated immune responses to influenza A virus without affecting cytolytic activity in the lung.

"Difficult-to-treat" asthma-like symptoms in a 12-yr-old atopic female.

In vitro effects of growth factors on lung hypoplasia in a model of congenital diaphragmatic hernia.

Down-regulation of thyroid transcription factor-1 gene expression in fetal lung hypoplasia is restored by glucocorticoids.

Annexin I is a stress protein induced by heat, oxidative stress and a sulfhydryl-reactive agent.

Effect of CGS 26303, an endothelin-converting enzyme-neutral endopeptidase inhibitor, on nitrofen-induced congenital diaphragmatic hernia in the rat.

Role of manganese-containing superoxide dismutase in oxidative stress and virulence of *Streptococcus pneumoniae*.

Studies of cancer in humans.

Animal studies addressing the carcinogenicity of TCDD (or related compounds) with an emphasis on tumour promotion.

Isolation of a 41-kDa protein with cell adhesion activity for animal tumor cells from the mushroom *Hypsizygus marmoreus* by affinity chromatography with type IV collagen immobilized on agarose.

Dual-hit hypothesis explains pulmonary hypoplasia in the nitrofen model of congenital diaphragmatic hernia.

Possible role of ROS as mediators of hypoxia-induced ion transport inhibition of alveolar epithelial cells.

Increase of specific symptoms after long-term use of chlorophenol polluted drinking water in a community.

The impact of 4-chloro-m-cresol in heparin formulas on malignant hyperthermia: in vitro and in vivo.

Iron supplementation improves endurance after training in iron-depleted, nonanemic women.

Induction and regulation of xenobiotic-metabolizing cytochrome P450s in the human A549 lung adenocarcinoma cell line.

Chronic ethanol ingestion increases efficiency of oxidative phosphorylation in rat liver mitochondria.

Toxic action/toxicity.

Mass psychogenic illness attributed to toxic exposure at a high school.

Effect of hyperoxia on surfactant protein gene expression in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats.

Antenatal dexamethasone administration inhibits smooth-muscle-cell DNA synthesis in pulmonary-arterial media in nitrofen-induced congenital diaphragmatic hernia in rats.

Fumigant-related illnesses: Washington State's five-year experience.

Cell proliferation and apoptosis in experimental lung hypoplasia.

Early lung malformations in congenital diaphragmatic hernia.

Administration of antenatal glucocorticoids upregulates peptide growth factor gene expression in nitrofen-induced congenital diaphragmatic hernia in rats.

Glycosaminoglycan sulfation requirements for respiratory syncytial virus infection.

The carbon source influences the energetic efficiency of the respiratory chain of N₂-fixing *Acetobacter diazotrophicus*.

Dose distribution measurements by MRI of a phantom containing lung tissue equivalent compartments made of ferrous sulphate gel.

Hemodynamic dysfunction and cytochrome P4501A mRNA expression induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin during embryonic stages of lake trout development.

TNF-alpha-induced cyclooxygenase-2 expression in human lung epithelial cells: involvement of the phospholipase C-gamma 2, protein kinase C-alpha, tyrosine kinase, NF-kappa B-inducing kinase, and I-kappa B kinase 1/2 pathway.

Genotoxicity of urban air pollutants in the Czech Republic. Part II. DNA adduct formation in mammalian cells by extractable organic matter.

Dexamethasone enhances ras-recision gene expression in cultured murine fetal lungs: role in development.

Roles of respiratory oxidases in protecting Escherichia coli K12 from oxidative stress.

Excretion of hexachlorobenzene and metabolites in feces in a highly exposed human population.

Tumour necrosis factor-alpha- and interleukin-1beta-stimulated cell proliferation through activation of mitogen-activated protein kinase in canine tracheal smooth muscle cells.

Anti-inflammatory effect of heat shock protein induction is related to stabilization of I kappa B alpha through preventing I kappa B kinase activation in respiratory epithelial cells.

Metabolic inactivation of five glycidyl ethers in lung and liver of humans, rats and mice in vitro.

Oxidative stress in female B6C3F1 mice following acute and subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

TCDD induces CYP1A4 and CYP1A5 in chick liver and kidney and only CYP1A4, an enzyme lacking arachidonic acid epoxygenase activity, in myocardium and vascular endothelium.

Angiotensin II stimulates endothelial vascular cell adhesion molecule-1 via nuclear factor-kappaB activation induced by intracellular oxidative stress.

Polyamines in the lung: polyamine uptake and polyamine-linked pathological or toxicological conditions.

1,2-Dichlorobenzene-mediated hepatocellular oxidative stress in Fischer-344 and Sprague-Dawley rats.

Cromakalim-induced membrane current in guinea-pig tracheal smooth muscle cells.

Candida albicans mutants deficient in respiration are resistant to the small cationic salivary antimicrobial peptide histatin 5.

Respiratory state and phosphatidylserine import in brain mitochondria in vitro.

Heparin and in-vitro experimental lung hypoplasia.

Influence of cytoskeletal agents on the respiratory electron transport pathways in the cells of winter wheat leaves.

[Chemical accident in SchÃ¶nbeck--an assessment of the risk to health and environment].

Uncoupling effect of anacardic acids from cashew nut shell oil on oxidative phosphorylation of rat liver mitochondria.

Rapid lethal intoxication caused by the herbicide glyphosate-trimesium (Touchdown).

Nitrofen-induced congenital malformations of the heart and great vessels in rats: an animal model.

A mechanism of paraquat toxicity involving nitric oxide synthase.

Multiple logistic regression analysis of plasma paraquat concentrations as a predictor of outcome in 375 cases of paraquat poisoning.

Renal failure and corrosive airway and gastrointestinal injury after ingestion of diluted diquat solution.

Acute paraquat intoxication: using nuclear pulmonary studies to predict patient outcome.

Effects of a herbicide formulation, Tordon 75D, and its individual components on the oxidative functions of mitochondria.

Fatal paraquat poisoning: report of two cases.

Human isolated airway contraction: interaction between air pollutants and passive sensitization.

Selenium-dependent cellular glutathione peroxidase protects mice against a pro-oxidant-induced oxidation of NADPH, NADH, lipids, and protein.

Homicide by paraquat poisoning.

Long-term respiratory health effects of the herbicide, paraquat, among workers in the Western Cape.

Dimethylarsinic acid effects on DNA damage and oxidative stress related biochemical parameters in B6C3F1 mice.

Protective effects of dietary nasunin on paraquat-induced oxidative stress in rats.

A toxicokinetic analysis in a patient with acute glufosinate poisoning.

Acrolein-induced toxicity--defective mitochondrial function as a possible mechanism.

Acrolein toxicity: comparative in vitro study with lung slices and pneumocytes type II cell line from rats.

Paraquat myopathy: report on two suicide cases.

The first ever report of homicidal poisoning by intramuscular injection of gramoxone (paraquat).

Acute pulmonary toxicity of acrolein in rats--underlying mechanism.

Clinical course of a fatal ingestion of diquat.

Increased myofibroblast contractile sensitivity in paraquat pretreated rat lung tissue.

Acute poisoning with a herbicide containing imazapyr (Arsenal): a report of six cases.

Monocyte inflammation augments acrolein-induced Muc5ac expression in mouse lung.

Vitamin A decreases the incidence and severity of nitrofen-induced congenital diaphragmatic hernia in rats.

Evidence for site-specific bioactivation of alachlor in the olfactory mucosa of the Long-Evans rat.

Acrolein causes inhibitor kappaB-independent decreases in nuclear factor kappaB activation in human lung adenocarcinoma (A549) cells.

Regulation of human airway mucins by acrolein and inflammatory mediators.

Hydrogen peroxide in the breath of rats: the effects of hypoxia and paraquat.

³²P-postlabelling with high-performance liquid chromatography for analysis of abundant DNA adducts in human tissues.

Sensory nerve-mediated immediate nasal responses to inspired acrolein.

Oxidative stress sensitivity and superoxide dismutase of a wild-type parent strain and a respiratory mutant of *Candida albicans*.

Superoxide production from paraquat evoked by exogenous NADPH in pulmonary endothelial cells.

Effects of secretable SOD delivered by genetically modified cells on xanthine/xanthine oxidase and paraquat-induced cytotoxicity in vitro.

Acrolein cytotoxicity and glutathione depletion in n-3 fatty acid sensitive- and resistant human tumor cells.

[Absence of cardiac hypoplasia in an experimental model of congenital diaphragmatic hernia].

Fatal privet (*Ligustrum amurese*) toxicosis in Tennessee cows.

Implication of mitochondria-derived reactive oxygen species, cytochrome C and caspase-3 in N-(4-hydroxyphenyl)retinamide-induced apoptosis in cervical carcinoma cells.

Antenatal dexamethasone suppresses tumor necrosis factor-alpha expression in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats.

Heat shock protein suppresses the senescent lung cytokine response to acute endotoxemia.

Reinnervation of the rat olfactory bulb after methyl bromide-induced lesion: timing and extent of reinnervation.

Connective tissue responses to calcium hydroxide-based root canal medicaments.

Cardiovascular malformations in experimental congenital diaphragmatic hernia.

Fetal tracheal occlusion in the rat model of nitrofen-induced congenital diaphragmatic hernia.

Geographical differences of cancer incidence in Costa Rica in relation to environmental and occupational pesticide exposure.

Biochemistry of hemlock (*Conium maculatum* L.) alkaloids and their acute and chronic toxicity in livestock. A review.

Cancer, heart disease, and diabetes in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Delayed acute toxicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin (HpCDD), after oral administration, Obeys Haber's rule of inhalation toxicology.

Increased tropoelastin and procollagen expression in the lung of nitrofen-induced diaphragmatic hernia in rats.

Heart hypoplasia in experimental congenital diaphragmatic hernia.

Cytochrome P450 CYP1B1 determines susceptibility to 7, 12-dimethylbenz[a]anthracene-induced lymphomas.

[Oxidative injury and its defense system in vivo].

Tumor necrosis factor-alpha stimulates attachment of small cell lung carcinoma to endothelial cells.

Sodium arsenite enhances copper accumulation in human lung adenocarcinoma cells.

The genetics of endometriosis.

Dioxin is a systemic promoter blocker, II.

Differential response to benzo[A]pyrene in human lung adenocarcinoma cell lines: the absence of aryl hydrocarbon receptor activation.

Lung hypoplasia caused by nitrofen is mediated by down-regulation of thyroid transcription factor TTF-1.

The tracheobronchial tree is abnormal in experimental congenital diaphragmatic hernia.

Pulmonary neuroendocrine cells in nitrofen-induced diaphragmatic hernia and the effect of prenatal glucocorticoids.

Effect of antenatal glucocorticoid administration on insulin-like growth factor I and II levels in hypoplastic lung in nitrofen-induced congenital diaphragmatic hernia in rats.

Prenatal vitamin E treatment improves lung growth in fetal rats with congenital diaphragmatic hernia.

Trovafloxacin: an overview.

Biological monitoring of occupational exposure to inorganic arsenic.

Hypoxia upregulates activity and expression of the glucose transporter GLUT1 in alveolar epithelial cells.

VEGF stimulates tyrosine phosphorylation of beta-catenin and small-pore endothelial barrier dysfunction.

Amount and fate of egg protein escaping assimilation in the small intestine of humans.

The respiratory system and diazotrophic activity of *Acetobacter diazotrophicus* PAL5.

[Significance of urinary concentrations of S-benzyl-N-acetylcysteine (S-BMA) in subjects exposed to toluene].

Induction of endothelial monolayer permeability by phosphatidate.

Estimating amounts of toluene inhaled by workers with protective mask using biological indicators of toluene.

Changes in mRNAs of inducible nitric oxide synthase and interleukin-1 beta in the liver, kidney and lung tissues of rats acutely exposed to paraquat.

[Effect of low temperature on electron transport in plant mitochondria respiratory chain].

Increased group IV cytosolic phospholipase A2 activity in lungs of sheep after smoke inhalation injury.

Development and activation of cyanide-resistant respiration in the yeast *Yarrowia lipolytica*.

Effects of dexamethasone, growth factors, and tracheal ligation on the development of nitrofen-exposed hypoplastic murine fetal lungs in organ culture.

Effects of TNF-alpha and IL-1beta on iron metabolism by A549 cells and influence on cytotoxicity.

Cortical NADH during pharmacological manipulations of the respiratory chain and spreading depression in vivo.

Hydrogen peroxide stimulates tyrosine phosphorylation of focal adhesion kinase in vascular endothelial cells.

Chemical cleavage of the overexpressed mitochondrial F1beta precursor with CNBr: a new strategy to construct an import-competent preprotein.

Glutathione depletion in lung cells by low-molecular-weight aldehydes.

Age-associated changes in elastin and collagen content and the proportion of types I and III collagen in the lungs of mice.

Dynamic digital fluorescence ratio imaging of cell calcium in vascular endothelial cells.

Pasteurella haemolytica leukotoxin and endotoxin induced cytokine gene expression in bovine alveolar macrophages requires NF-kappaB activation and calcium elevation.

Active transport of fentanyl by the blood-brain barrier.

Polychlorinated dibenzo-p-dioxins and related compounds: correlations of levels in human tissues and in blood.

Mitochondria present in excised patches from pancreatic B-cells may form microcompartments with ATP-dependent potassium channels.

Quantitative structure-activity relationships for the toxicity of chlorophenols to mammalian submitochondrial particles.

NK1-receptor activation prevents hydrocarbon-induced lung injury in mice.

Forensic analysis of acute fatal poisonings in the southern districts of Trinidad.

Uncertainty in risk characterization of weak carcinogens.

A comparison of 1H8- and 2H8-toluene toxicokinetics in men.

Endocytosis and exocytosis events regulate vesicle traffic in endothelial cells.

Involvement of capsaicin-sensitive nerves in paraquat-induced mortality.

Postservice mortality of US Air Force veterans occupationally exposed to herbicides in Vietnam: 15-year follow-up.

The nature of antioxidant defense mechanisms: a lesson from transgenic studies.

Airspace configuration at different transpulmonary pressures in normal and paraquat-induced lung injury in rats.

Health effects of occupational pentachlorophenol exposure in timber sawmill employees: a preliminary study.

Surfactant therapy restores gas exchange in lung injury due to paraquat intoxication in rats.

Single lung transplantation for adult respiratory distress syndrome after paraquat poisoning.

Cellular glutathione peroxidase is the mediator of body selenium to protect against paraquat lethality in transgenic mice.

Paraquat-induced renal injury studied by ¹H nuclear magnetic resonance spectroscopy of urine.

Malicious paraquat poisoning in Oklahoma dogs.

Clinical experience with pendimethalin (STOMP) poisoning in Taiwan.

Second follow-up of a Dutch cohort occupationally exposed to phenoxy herbicides, chlorophenols, and contaminants.

[Lethal paraquat poisoning caused by spraying in a vinyl greenhouse of causing pulmonary fibrosis with a hepatorenal dysfunction].

Dimethylarsinic acid, a main metabolite of inorganic arsenics, has tumorigenicity and progression effects in the pulmonary tumors of A/J mice.

Paraquat poisoning: an experimental model of dose-dependent acute lung injury due to surfactant dysfunction.

G-protein activation and expression in lung injury.

Mitochondrial NADH-quinone oxidoreductase of the outer membrane is responsible for paraquat cytotoxicity in rat livers.

Apoptosis in human lung epithelial cells: triggering by paraquat and modulation by antioxidants.

Nitric oxide inhalation for paraquat--surviving both poisoning and therapy?

Nitric oxide inhalation for paraquat-induced lung injury.

Acrolein: a respiratory toxin that suppresses pulmonary host defense.

Accentuation of paraquat-induced toxicity by L-carnitine in mice.

In vivo dual effects of vitamin C on paraquat-induced lung damage: dependence on released metals from the damaged tissue.

Pulmonary arterioles from rats with congenital diaphragmatic hernias are hypoplastic but not hyperresponsive.

Hypoxic pulmonary vasoconstriction is impaired in rats with nitrofen-induced congenital diaphragmatic hernia.

Asbestos-induced lung epithelial permeability: potential role of nonoxidant pathways.

Role of tumor necrosis factor-alpha in regulating fibrotic lung repair.

Effect of dexamethasone on endothelial nitric oxide synthase in experimental congenital diaphragmatic hernia.

Nitro blue tetrazolium inhibits but does not mimic hypoxic vasoconstriction in isolated rabbit lungs.

Endothelin-1 pulmonary vasoconstriction in rats with diaphragmatic hernia.

Hypoxia-specific upregulation of calpain activity and gene expression in pulmonary artery endothelial cells.

Health effects associated with sulfuric fluoride and methyl bromide exposure among structural fumigation workers.

Concentrated cresol intoxication.

Differential gene expression at gestational days 14 and 16 in normal and nitrogen-induced hypoplastic murine fetal lungs with coexistent diaphragmatic hernia.

Herbimycin-A attenuates ischaemia-reperfusion induced pulmonary neutrophil infiltration.

Immunologic cross-reactivity between respiratory chemical sensitizers: reactive dyes and cyanuric chloride.

Induction of cytochrome P-450 1A1 by omeprazole in human HepG2 cells is protein tyrosine kinase-dependent and is not inhibited by alpha-naphthoflavone.

Binding of the epoxide cryptophycin analog, LY355703 to albumin and its effect on in vitro antiproliferative activity.

Micellar electrokinetic chromatography for the determination of urinary desmosine and isodesmosine in patients affected by chronic obstructive pulmonary disease.

Calcitonin gene-related peptide expression is altered in pulmonary neuroendocrine cells in developing lungs of rats with congenital diaphragmatic hernia.

Administration of antenatal glucocorticoids prevents pulmonary artery structural changes in nitrofen-induced congenital diaphragmatic hernia in rats.

Effects of glucose deprivation, chemical hypoxia, and simulated ischemia on Na⁺ homeostasis in rat spinal cord astrocytes.

Respiratory and cardiovascular effects of the mu-opioid receptor agonist [Lys7]dermorphin in awake rats.

The Seveso studies on early and long-term effects of dioxin exposure: a review.

Inhibition of vascular and epithelial differentiation in murine nitrofen-induced diaphragmatic hernia.

The genetics of endometriosis.

Power and sample size for stratified prospective studies using the score method for testing relative risk.

Levels and membrane localization of the c-K-ras p21 protein in lungs of mice of different genetic strains and effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and Aroclor 1254.

Differential display of genes in normal and hypoplastic fetal murine lungs.

Micropreparation of tissue collagenase fragments of type I collagen in the form of surfactant-peptide complexes and their identification by capillary electrophoresis and partial sequencing.

Dioxin exposure and non-malignant health effects: a mortality study.

Antenatal glucocorticoid therapy suppresses angiotensin-converting enzyme activity in rats with nitrofen-induced congenital diaphragmatic hernia.

Surfactant protein A is decreased in a rat model of congenital diaphragmatic hernia.

The 64-kilodalton eye muscle protein is the flavoprotein subunit of mitochondrial succinate dehydrogenase: the corresponding serum antibodies are good markers of an immune-mediated damage to the eye muscle in patients with Graves' hyperthyroidism.

Aryl hydrocarbon receptor-inducible or constitutive expression of human UDP glucuronosyltransferase UGT1A6.

[Management of hydatid disease of the lung].

Induction of hydrogen peroxide production and Bax expression by caspase-3(-like) proteases in tyrosine kinase inhibitor-induced apoptosis in human small cell lung carcinoma cells.

Endotracheal inhalatory sodium nitroprusside in severely hypoxic newborns.

Effects of the nonsteroidal anti-inflammatory drug nimesulide on energy metabolism in livers from adjuvant-induced arthritic rats.

Pulmonary vascular balance in congenital diaphragmatic hernia: enhanced endothelin-1 gene expression as a possible cause of pulmonary vasoconstriction.

Effect of prenatal glucocorticoids on pulmonary vascular muscularisation in nitrofen-induced congenital diaphragmatic hernia.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazoxybenzene (CAS No. 21232-47-3) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

Aromatic and polycyclic hydrocarbons in air and their urinary metabolites in coke plant workers.

Structural and functional comparison of agents interfering with dihydroorotate, succinate and NADH oxidation of rat liver mitochondria.

Analysis of gene expression in lung and thymus of TCDD treated C57BL/6 mice using differential display RT-PCR.

Evidence for impaired assimilation and increased colonic fermentation of protein, related to gastric acid suppression therapy.

Tyrosine phosphorylation regulates H₂O₂ production in lung fibroblasts stimulated by transforming growth factor beta1.

Biological monitoring of occupational exposure to arsenic by determining urinary content of inorganic arsenic and its methylated metabolites.

Regulation of BMP7 expression during kidney development.

Investigations of the pathways of toxicity of methyl iodide in the rat nasal cavity.

p38 mitogen-activated protein kinase inhibition attenuates intercellular adhesion molecule-1 up-regulation on human pulmonary microvascular endothelial cells.

Species- and sex-related differences in metabolism of trichloroethylene to yield chloral and trichloroethanol in mouse, rat, and human liver microsomes.

p38 mitogen-activated protein kinase expression and activation in smooth muscle.

Oxidative phosphorylation in intact hepatocytes: quantitative characterization of the mechanisms of change in efficiency and cellular consequences.

The effect of Ba²⁺ on the nitrergic mechanism in the isolated frog lung preparation.

The role of glutathione S-transferase- and cytochrome P450-dependent metabolism in the olfactory toxicity of methyl iodide in the rat.

Tyrosine kinases and calcium dependent activation of endothelial cell phospholipase D by diperoxovanadate.

2,4 Dinitrophenol-uncoupling effect on delta psi in living hepatocytes depends on reducing-equivalent supply.

Impact of dioxin-type induction of drug-metabolizing enzymes on the metabolism of endo- and xenobiotics.

Cd²⁺ effects on respiration and swelling of rat liver mitochondria were modified by monovalent cations.

Female Sprague-Dawley rats exposed to a single oral dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin exhibit sustained depletion of aryl hydrocarbon receptor protein in liver, spleen, thymus, and lung.

Cigarette smoke extract inhibits fibroblast-mediated collagen gel contraction.

Mechanical strain increases protein tyrosine phosphorylation in airway smooth muscle cells.

The effect of tyrosine kinase inhibitors on IgE-mediated histamine release from human lung mast cells and basophils.

Identification of a putative surfactant convertase in rat lung as a secreted serine carboxylesterase.

Metabolic interaction between toluene, trichloroethylene and n-hexane in humans.

Cell-specific differences in the susceptibility of potential cellular targets of human origin derived from blood and lung following treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Toxicity of linoleic acid hydroperoxide to *Saccharomyces cerevisiae*: involvement of a respiration-related process for maximal sensitivity and adaptive response.

Metabolic Study of Isoproterenol in Goats Following a Single Oral Administration: Toxicokinetics and Recovery.

Mixed effects of 2,6-dithiopurine against cyclophosphamide mediated bladder and lung toxicity in mice.

Substrate-dependent cadmium toxicity affecting energy-linked K⁺/86Rb transport in *Staphylococcus aureus*.

Enzymatic methylation of arsenic compounds. V. Arsenite methyltransferase activity in tissues of mice.

Mitochondrial dysfunction in the senescence accelerated mouse (SAM).

Respiratory symptoms, spirometry and chronic occupational paraquat exposure.

Chemically reactive intermediates and pulmonary xenobiotic toxicity.

Hemotoxicity of chlorpropham (CIPC) in F344 rats.

Unintentional fatal paraquat poisonings among agricultural workers in Costa Rica: report of 15 cases.

Laryngeal survey in glyphosate intoxication: a pathophysiological investigation.

Relationships between cell density, glutathione and proliferation of A549 human lung adenocarcinoma cells treated with acrolein.

Successful single-lung transplantation after paraquat intoxication.

A case of paraquat poisoning and subsequent fatality presenting to an emergency department.

Determination of 8-hydroxy-deoxyguanosine formation in rat organs: assessment of paraquat-evoked oxidative DNA damage.

A case-control study of lung cancer among Vietnam veterans.

Acrolein-induced cell death in human alveolar macrophages.

Cancer mortality in workers exposed to phenoxy herbicides, chlorophenols, and dioxins. An expanded and updated international cohort study.

Effects of oxygen pressure and medium volume on the toxicity of paraquat in rat and human type II pneumocytes.

The oral and intratracheal toxicities of ROUNDUP and its components to rats.

Pesticides and cancer.

Biochemical studies on the toxicity of 1, 1'-dimethyl-4, 4'-bipyridylium dichloride in the rat.

Upper respiratory tract surface areas and volumes of laboratory animals and humans: considerations for dosimetry models.

A fatal case of drinking and cyanamide intake.

Cell-nuclear accumulation of 72-kDa stress protein induced by dimethylated arsenics.

Homicidal poisoning by paraquat.

Inhibition of intracellular Ca²⁺ signalling, cytotoxicity and antitumor activity of the herbicide oryzalin and its analogues.

Inhibitory effect of nicotinamide to paraquat toxicity and the reaction site on complex I.

Dimethylarsinic acid treatment alters six different rat biochemical parameters: relevance to arsenic carcinogenesis.

Paraquat-induced formation of leukotriene B₄ in rat lungs: modulation by N-acetylcysteine.

Atrial natriuretic peptide accounts for increased cGMP in hypoxia-induced hypertensive rat lungs.

Selective and transient in vitro effects of heat shock on alveolar type II cell gene expression.

Herbicide and estrogen effects on the metabolic activity of *Elliptio complanata* measured by calorimetry.

SlyA, a transcriptional regulator of *Salmonella typhimurium*, is required for resistance to oxidative stress and is expressed in the intracellular environment of macrophages.

Cigarette smoke induces interleukin-8 release from human bronchial epithelial cells.

Changes of energy metabolism induced by 1-methyl-4-phenylpyridinium (MPP⁺)-related compounds in rat pheochromocytoma PC12 cells.

Transforming growth factor-beta1 coregulates mRNA expression of aryl hydrocarbon receptor and cell-cycle-regulating genes in human cancer cell lines.

Induction and prevention of squamous transformation of bronchial epithelial cells by phenolic compounds.

[Bronchial stenosis secondary to aspiration of a ferrous sulfate tablet].

Immune dysfunction in uremia.

Dioxin exposure and cancer risk: a 15-year mortality study after the "Seveso accident".

Thyroid hormones in the pathogenesis of lung hypoplasia and immaturity induced in fetal rats by prenatal exposure to nitrofen.

Upregulation of acidic fibroblast growth factor during development of experimental lung fibrosis.

Effect of 2,4-dinitrophenol on the hypometabolic response to hypoxia of conscious adult rats.

Pathogenesis of nitrofen-induced congenital diaphragmatic hernia in fetal rats.

Pneumocystis carinii cysts are susceptible to inactivation by chemical disinfectants.

Prenatal hormones alter antioxidant enzymes and lung histology in rats with congenital diaphragmatic hernia.

Arsenic alters cytosine methylation patterns of the promoter of the tumor suppressor gene p53 in human lung cells: a model for a mechanism of carcinogenesis.

Mortality among Army Chemical Corps Vietnam veterans.

The multidrug-resistant human lung tumour cell line, DLKP-A10, expresses novel drug accumulation and sequestration systems.

Mitochondrial dysfunction in neurodegeneration.

Inhaled nitric oxide increases survival rates in newborn rats with congenital diaphragmatic hernia.

Effectiveness of iron therapy on breath-holding spells.

Pulmonary expression of vascular endothelial growth factor and myosin isoforms in rats with congenital diaphragmatic hernia.

Role of iron in ischemia-reperfusion oxidative injury of rat lungs.

Modulation of macrophage function for defence of the lung against *Pseudomonas aeruginosa*.

Nitrofen dose-dependent gestational day-specific murine lung hypoplasia and left-sided diaphragmatic hernia.

The role of oxygen free radicals in occupational and environmental lung diseases.

Protective effect of captopril on ischemic myocardium.

Expression of CYP1B1 in human adult and fetal tissues and differential inducibility of CYP1B1 and CYP1A1 by Ah receptor ligands in human placenta and cultured cells.

[Assessment of neurotoxic effects of methyl bromide in exposed workers].

Effect of subchronic 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on immune system and target gene responses in mice: calculation of benchmark doses for CYP1A1 and CYP1A2 related enzyme activities.

Selective photoaffinity labelling of one mitochondrial protein in living cells of *Saccharomyces cerevisiae* with the fluorescent probe APMC. Identification of the target protein as subunit I of cytochrome c oxidase.

Tissue factor pathway inhibitor in endothelial cells colocalizes with glycolipid microdomains/caveolae. Regulatory mechanism(s) of the anticoagulant properties of the endothelium.

Gp60 activation mediates albumin transcytosis in endothelial cells by tyrosine kinase-dependent pathway.

Actions of 4-chloro-3-ethyl phenol on internal Ca^{2+} stores in vascular smooth muscle and endothelial cells.

The Low Biomass Yields of the Acetic Acid Bacterium *Acetobacter pasteurianus* Are Due to a Low Stoichiometry of Respiration-Coupled Proton Translocation.

Oleic acid reduces oxidant stress in cultured pulmonary artery endothelial cells.

Impairment of respiration and oxidative phosphorylation by redox cyclers 2-nitrosofluorene and menadione.

Airborne arsenic and urinary excretion of arsenic metabolites during boiler cleaning operations in a Slovak coal-fired power plant.

Immunochemical, ^{32}P -postlabeling, and GC/MS detection of 4-aminobiphenyl-DNA adducts in human peripheral lung in relation to metabolic activation pathways involving pulmonary N-oxidation, conjugation, and peroxidation.

Phosphatase inhibitors potentiate 4-hydroxynonenal-induced phospholipase D activation in vascular endothelial cells.

Inhibition of protein kinase C prevents asbestos-induced c-fos and c-jun proto-oncogene expression in mesothelial cells.

Cytotoxic effects of 2,6-di-tert-butyl-4-methylphenyl N-methylcarbamate (terbutol) herbicide on hepatocytes and mitochondria isolated from male rats.

Mitochondrial Respiration and Hemoglobin Gene Expression in Barley Aleurone Tissue.

Endotoxin induces endothelial barrier dysfunction through protein tyrosine phosphorylation.

SEB is cytotoxic and alters EC barrier function through protein tyrosine phosphorylation in vitro.

Mitochondrial function is required for resistance to oxidative stress in the yeast *Saccharomyces cerevisiae*.

Endothelial cells protect vascular smooth muscle cells from H_2O_2 attack.

Differences in platelet-activating factor receptor mediated Ca^{++} response between hamster and guinea pig alveolar macrophages.

Resazurin reduction as a function of respiratory burst in bovine neutrophils.

The role of tyrosine phosphorylation in lipopolysaccharide- and zymosan-induced procoagulant activity and tissue factor expression in macrophages.

[Comparative study of the effect of paracetamol, phenacetin and amidopyrine on mitochondrial function in isolated rat hepatocytes].

The toxicity of substituted phenolic compounds to a detoxifying and an acetic acid bacterium.

The ability of a new hypoglycaemic agent, A-4166, compared to sulphonylureas, to increase cytosolic Ca²⁺ in pancreatic beta-cells under metabolic inhibition.

Neutrophil-mediated activation of mitoxantrone to metabolites which form adducts with DNA.

Review and update of the results of the NIOSH medical study of workers exposed to chemicals contaminated with 2,3,7,8-tetrachlorodibenzodioxin.

[Modulation of respiratory activity of renal macrophages in sea bass (*Dicentrarchus labrax*) by chronic exposure to sublethal concentration of ammonia].

A dual effect of 1-methyl-4-phenylpyridinium (MPP⁺)-analogs on the respiratory chain of bovine heart mitochondria.

Urinary excretion of phenols as an indicator of occupational exposure in the coke-plant industry.

[Lesions of the tracheobronchial tree after the aspiration of a tablet of ferrous sulfate].

Urinary excretion of ifosfamide, 4-hydroxyifosfamide, 3- and 2-dechloroethylifosfamide, mesna, and dimesna in patients on fractionated intravenous ifosfamide and concomitant mesna therapy.

Regulation of protein-tyrosine phosphorylation and human sperm capacitation by reactive oxygen derivatives.

Human bronchial smooth muscle responsiveness after in vitro exposure to oxidizing pollutants.

Alleviation of paraquat-induced lung injury by pretreatment with bifunctional liposomes containing alpha-tocopherol and glutathione.

Effect of paraquat intoxication and ambroxol treatment on hydrogen peroxide production and lipid peroxidation in selected organs of rat.

Acute, subchronic and chronic 2,4-dichlorophenoxyacetic acid (2,4-D) intoxication in rats.

Studies on the basis for the toxicity of acrolein mercapturates.

Experimental ureterohydronephrosis in fetal rats.

A metalloporphyrin superoxide dismutase mimetic protects against paraquat-induced lung injury in vivo.

Pulse therapy with cyclophosphamide and methylprednisolone in patients with moderate to severe paraquat poisoning: a preliminary report.

[Paraquat poisoning. Description of a case].

Pulmonary dysfunction in survivors of acute paraquat poisoning.

Cancer mortality in German male workers exposed to phenoxy herbicides and dioxins.

Paraquat toxicity and oxidative damage. Reduction by melatonin.

CT appearance of interstitial pulmonary emphysema.

Pesticide applicators, biocides, and birth defects in rural Minnesota.

Experience with acute paraquat poisoning in Crete.

Exposure to dimethylarsinic acid, a main metabolite of inorganic arsenics, strongly promotes tumorigenesis initiated by 4-nitroquinoline 1-oxide in the lungs of mice.

[Distribution of ventilation-perfusion ratios in paraquat-induced interstitial pneumonia in dogs].

Effect of transfection with superoxide dismutase expression plasmid on superoxide anion induced cytotoxicity in cultured rat lung cells.

Changes in the nasal epithelium of rats exposed by inhalation to mixtures of formaldehyde, acetaldehyde, and acrolein.

Sensory irritation to mixtures of formaldehyde, acrolein, and acetaldehyde in rats.

DNA damage induced in mouse tissues by organic wood preserving waste extracts as assayed by ³²P-postlabeling.

Effects of paraquat on mitochondrial electron transport system and catecholamine contents in rat brain.

Effect of dietary paraquat on a rat mutant unable to synthesize ascorbic acid.

Inhibition of NADH oxidation by 1-methyl-4-phenylpyridinium analogs as the basis for the prediction of the inhibitory potency of novel compounds.

Paraquat causes S-phase arrest of rat liver and lung cells in vivo.

Herbicide: fatal ammonium thiocyanate and aminotriazole poisoning.

N-acetylcysteine increases the glutathione content and protects rat alveolar type II cells against paraquat-induced cytotoxicity.

Biotransformation of acrolein in rat: excretion of mercapturic acids after inhalation and intraperitoneal injection.

In vivo and in vitro analysis of Bordetella pertussis catalase and Fe-superoxide dismutase mutants.

Increased activity and sensitivity of mitochondrial respiratory enzymes to tumor necrosis factor alpha-mediated inhibition is associated with increased cytotoxicity in drug-resistant leukemic cell lines.

Role of manganese superoxide dismutase in a mucoid isolate of Pseudomonas aeruginosa: adaptation to oxidative stress.

Metabolic activation of 2,6-dichlorobenzonitrile, an olfactory-specific toxicant, by rat, rabbit, and human cytochromes P450.

The effects of chronic sidestream cigarette smoke exposure on eicosanoid production by tracheal epithelium.

Nitric oxide exposure and sulfhydryl modulation alter L-arginine transport in cultured pulmonary artery endothelial cells.

Effects of the stress response in septic rats and LPS-stimulated alveolar macrophages: evidence for TNF-alpha posttranslational regulation.

Methyl iodide poisoning: report of two cases.

Developmental toxicity of Exell, a surfactant mixture, in rats and rabbits.

Purification and characterization of a 93 kDa *Aspergillus fumigatus* antigen with diagnostic potential.

The beneficial effect of taurine on the prevention of human endothelial cell death.

Embryology of congenital diaphragmatic hernia.

Bronchial necrosis induced by inhalation of an iron tablet.

Prenatal glucocorticoid therapy reverses pulmonary immaturity in congenital diaphragmatic hernia in fetal sheep.

A 100-kDa protein tyrosine phosphorylation is concurrent with beta 1 integrin-mediated morphological differentiation in neuroblastoma and small cell lung cancer cells.

Prenatal hormonal therapy improves pulmonary morphology in rats with congenital diaphragmatic hernia.

Cause specific mortality and cancer incidence among employees exposed to 2,3,7,8-TCDD after a 1953 reactor accident.

Exposures and health effects: an evaluation of workers at a sodium azide production plant.

Role of endothelium-derived nitric oxide in the modulation of canine myocardial mitochondrial respiration in vitro. Implications for the development of heart failure.

Fulminant malignant hyperthermia associated with ketoacidotic diabetic coma.

Decreased pulmonary nitric oxide synthase activity in the rat model of congenital diaphragmatic hernia.

Disturbed host defense in peritoneal cavity during CAPD: characterization of responsible factors in dwell fluid.

[Occupational asthma in an agricultural setting].

Cancer incidence and specific occupational exposures in the Swedish leather tanning industry: a cohort based case-control study.

Respiratory activity is essential for post-exponential-phase production of type 5 capsular polysaccharide by *Staphylococcus aureus*.

Lung collagen cross-links in rats with experimentally induced pulmonary fibrosis.

Purification and characterization of a protein that permits early detection of lung cancer. Identification of heterogeneous nuclear ribonucleoprotein-A2/B1 as the antigen for monoclonal antibody 703D4.

Dysfunction of polymorphonuclear leukocytes in uremia.

Exogenous catalase may potentiate oxidant-mediated lung injury in the female Sprague-Dawley rat.

Prenatal hormonal therapy improves pulmonary compliance in the nitrofen-induced CDH rat model.

Glutathione transferase activity and formation of macromolecular adducts in two cases of acute methyl bromide poisoning.

Airborne pollutants and the immune system.

Autocrine growth of small cell lung cancer mediated by coexpression of c-kit and stem cell factor.

Arsenite, but not cadmium, induces ornithine decarboxylase and heme oxygenase activity in rat liver: relevance to arsenic carcinogenesis.

Increased expression of intercellular adhesion molecule 1, CD11/CD18 cell surface adhesion glycoproteins and alpha 4 beta 1 integrin in a rat model of chronic interstitial lung fibrosis.

Evaluation of reactive oxygen species involvement in amiodarone pulmonary toxicity in vivo and in vitro.

The pulmonary uptake of intravenously administered liposomal alpha-tocopherol is augmented in acute lung injury.

Reactive airway dysfunction syndrome due to sodium azide inhalation.

Induction of chromosomal aberrations by 2,4-dichloro-6-aminophenol in cultured V79 cells.

Properties controlling the diffusion and release of water-soluble solutes from poly(ethylene oxide) hydrogels. 4. Extended constant rate release from partly-coated spheres.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on influenza virus host resistance in mice.

Lung hypoplasia and surfactant system immaturity induced in the fetal rat by prenatal exposure to nitrofen.

Two distinct loci affecting conversion to mucoidy in *Pseudomonas aeruginosa* in cystic fibrosis encode homologs of the serine protease HtrA.

Inhibition of mitochondrial respiration and oxygen uptake in isolated rat renal tubular fragments by atractyloside.

Isolation and characterization of a novel gene induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver.

Oxygen dependence of respiration in coupled and uncoupled endothelial cells.

The heat-shock response attenuates lipopolysaccharide-mediated apoptosis in cultured sheep pulmonary artery endothelial cells.

Subcellular localization of TCDD differs between the liver, lungs, and kidneys after acute and subchronic exposure: species/dose comparisons and possible mechanism.

Inducibility of cytochromes P-450 by dioxin in liver and extrahepatic tissues of the marmoset monkey (*Callithrix jacchus*).

Peroxynitrite augments fMLP-stimulated chemiluminescence by neutrophils in human whole blood.

Tissue-specific 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible expression of human UDP-glucuronosyltransferase UGT1A6.

Subchronic dispositional and toxicological effects of arsenate administered in drinking water to mice.

Identification of low molecular weight probes on perforin- and Fas-based killing mediated by cytotoxic T lymphocytes.

Human and rat airway smooth muscle responsiveness after ozone exposure in vitro.

Baculovirus-mediated expression and characterization of rat CYP2A3 and human CYP2a6: role in metabolic activation of nasal toxicants.

Role of protein tyrosine phosphorylation in H₂O₂-induced activation of endothelial cell phospholipase D.

The use of a new viability assay to determine the susceptibility of *Cryptosporidium* and *Eimeria* sporozoites to respiratory inhibitors and extremes of pH.

Increased intracellular levels of calcitonin gene-related peptide-like immunoreactivity in pulmonary endocrine cells in an experimental model of congenital diaphragmatic hernia.

The effect of vapor polarity and boiling point on breakthrough for binary mixtures on respirator carbon.

The effect of the lipid peroxidation product 4-hydroxynonenal and of its metabolite 4-hydroxynonenic acid on respiration of rat kidney cortex mitochondria.

Chronic in vivo sodium azide infusion induces selective and stable inhibition of cytochrome c oxidase.

The nature of uncoupling by n-hexane, 1-hexanethiol and 1-hexanol in rat liver mitochondria.

Comparison of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) disposition following pulmonary, oral, dermal, and parenteral exposures to rats.

Diallyl disulfide induces apoptosis of human colon tumor cells.

Mechanical strain induces pp60src activation and translocation to cytoskeleton in fetal rat lung cells.

Analytical findings in a suicide involving sodium azide.

Mechanisms involved in eosinophil migration. Platelet-activating factor-induced chemotaxis and interleukin-5-induced chemokinesis are mediated by different signals.

Development of a caffeine breath test to measure cytochrome P450-1A activity in birds.

Methyl bromide intoxication during grain store fumigation.

The volume-activated chloride current in endothelial cells from bovine pulmonary artery is not modulated by phosphorylation.

Protection against oxidative injury and permeability alteration in cultured alveolar epithelium by transferrin-catalase conjugate.

Signaling by hemolytically inactive C5b67, an agonist of polymorphonuclear leukocytes.

Synergistic action of NS-004 and internal Ca^{2+} concentration in modulating pulmonary artery K^{+} channels.

[The effect of Cd^{2+} on the respiration and swelling of isolated rat liver mitochondria in incubation media of different compositions].

Induction of cytochromes P450 by dioxins in liver and lung of marmoset monkeys (*Callithrix jacchus*).

Lichen acids as uncouplers of oxidative phosphorylation of mouse-liver mitochondria.

Effects of the nonsteroidal anti-inflammatory drug piroxicam on rat liver mitochondria.

Induction of apoptosis in NK cells by monocyte-derived reactive oxygen metabolites.

Modulation of chemical-induced lung and liver toxicity by all-trans-retinol in the male Sprague-Dawley rat.

Intratracheally administered liposomal alpha-tocopherol protects the lung against long-term toxic effects of paraquat.

A metalloporphyrin superoxide dismutase mimetic protects against paraquat-induced endothelial cell injury, *in vitro*.

Recovery of respiratory function in survivors with paraquat intoxication.

Acrolein-induced smooth muscle hyperresponsiveness and eicosanoid release in excised ferret tracheae.

EPR studies of spin-trapped free radicals in paraquat-treated lung microsomes.

Reduction of intrapulmonary shunt by low-dose inhaled nitric oxide in a patient with late-stage respiratory distress associated with paraquat poisoning.

A new mask filter cartridge used to determine applicator inhalation exposure to an alachlor herbicide (Lasso) during normal spraying operations.

Risk factors for occupational illnesses associated with the use of paraquat (1,1'-dimethyl-4,4'-bipyridylium dichloride) in California.

Treatment of IPF. What does the future hold?

An easy and economical method to prepare cells for cytologic analyses.

Pronounced activation of protein kinase C, ornithine decarboxylase and c-jun proto-oncogene by paraquat-generated active oxygen species in WI-38 human lung cells.

[Paraquat poisoning. Treatment and prognosis].

Xanthine oxidase mediates paraquat-induced toxicity on cultured endothelial cell.

Induction of 8-hydroxy-2-deoxyguanosine and single-strand breaks in DNA of V79 cells by tetrachloro-p-hydroquinone.

Toxicity of cotoran (fluometuron) in Desert sheep.

On the effects of paraquat on isolated mitochondria. Evidence that paraquat causes opening of the cyclosporin A-sensitive permeability transition pore synergistically with nitric oxide.

Mitochondrial bioenergetics is affected by the herbicide paraquat.

Paraquat poisoning of the lung: thin-section CT findings.

Atrazine toxicity on transport properties of hemocyanin in the crab *Oziotelphusa senex senex*.

Lung damage in paraquat poisoning and hyperbaric oxygen exposure: superoxide-mediated inhibition of phospholipase A2.

Fate and effects of acrolein.

Potent protective effect of melatonin on in vivo paraquat-induced oxidative damage in rats.

Survival in a case of massive paraquat ingestion.

Pulmonary damage due to paraquat poisoning through skin absorption.

Liposomal alpha-tocopherol alleviates the progression of paraquat-induced lung damage.

[Fatal fibrosing interstitial pneumopathy of uncommon cause].

Immunohistochemical dynamics of leukotoxin (9,10-epoxy-12-octadecenoic acid) in lungs of rats.

Toxicity of 3-methylindole, 1-nitronaphthalene and paraquat in precision-cut rat lung slices.

Pulmonary endothelial nitric oxide synthase gene expression is decreased in a rat model of congenital diaphragmatic hernia.

Cigarette smoke inhibits lung fibroblast proliferation and chemotaxis.

Putrescine uptake in hamster lung slices and primary cultures of type II pneumocytes.

Isolation and characterization of rat primary lung cells.

Effects of cigarette smoke extract on bovine bronchial epithelial cell attachment and migration.

Oxidant resistance of cadmium-adapted human lung fibroblasts.

Induction of the 72-kD heat shock protein in human skin melanoma and squamous cell carcinoma cell lines.

Expression of iNOS in cultured rat pulmonary artery smooth muscle cells is inhibited by the heat shock response.

Fibroblasts isolated after fibrotic lung injury induce apoptosis of alveolar epithelial cells in vitro.

Induction of heat shock protein 72 prevents neutrophil-mediated human endothelial cell necrosis.

Promotion of N-nitrosodiethylamine-initiated hepatocellular tumors and hepatoblastomas by 2,3,7,8-tetrachlorodibenzo-p-dioxin or Aroclor 1254 in C57BL/6, DBA/2, and B6D2F1 mice.

Intestinal rotation in experimental congenital diaphragmatic hernia.

Purification and identification of mouse lung microvessel endothelial cell-derived chemoattractant for lung-metastasizing murine RAW117 large-cell lymphoma cells: identification as mouse monocyte chemotactic protein 1.

Dietary exposure of mink to carp from Saginaw Bay, Michigan: 2. Hematology and liver pathology.

Bilateral idiopathic loss of peripheral vestibular function with normal hearing.

Immunologic effects of background prenatal and postnatal exposure to dioxins and polychlorinated biphenyls in Dutch infants.

Reconstitution of the rat olfactory epithelium after methyl bromide-induced lesion.

Health effects related to releases of hazardous substances on the Superfund priority list.

Promotion of N-nitrosodimethylamine-initiated mouse lung tumors following single or multiple low dose exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Dioxin--an analysis of the major human studies: comparison with animal-based cancer risks.

Neonatal lethality associated with respiratory distress in mice lacking cytochrome P450 1A2.

Efficient induction of chromosome-type aberrations by topoisomerase II inhibitors closely associated with stabilization of the cleavable complex in cultured fibroblastic cells.

Workers' response to risk notification.

Acinar cell respiration in experimental acute pancreatitis.

Prenatal hormonal therapy improves pulmonary compliance in the nitrofen-induced CDH rat model.

Pulmonary neuroendocrine cells in neonatal rats with congenital diaphragmatic hernia.

Mechanisms of uremic inhibition of phagocyte reactive species production: characterization of the role of p-cresol.

Embryonic cell death patterns associated with nitrofen-induced congenital diaphragmatic hernia.

Flow cytometric analysis of the granulocyte respiratory burst: a comparison study of fluorescent probes.

Effect of supplementation with an iron-fortified milk on incidence of diarrhea and respiratory infection in urban-resident infants.

Survival after a severe iron poisoning treated with intermittent infusions of deferoxamine.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on growth factor expression in the human breast cancer cell line MCF-7.

Induction of preneoplastic lesions by sodium arsenite in human fetal respiratory epithelia in organ culture.

Angiotensin-converting enzyme activity is increased in lungs of rats with pulmonary hypoplasia and congenital diaphragmatic hernia.

Role of the lung in accumulation and metabolism of xenobiotic compounds--implications for chemically induced toxicity.

Lung retention and bioavailability of arsenic after single intratracheal administration of sodium arsenite, sodium arsenate, fly ash and copper smelter dust in the hamster.

An attempt to explain interindividual variability in 24-h urinary excretion of inorganic arsenic metabolites by C57 BL/6J mice.

N-acetylcysteine pretreatment attenuates paraquat-induced lung leak in rats.

Down-regulation of tumor necrosis factor receptors by blockade of mitochondrial respiration.

Adenosine accumulation as an indicator of cell-specific toxicity in rat lung slices.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces diverse retinoic acid metabolites in multiple tissues of the Sprague-Dawley rat.

Transport of dehydroepiandrosterone and dehydroepiandrosterone sulphate into rat hepatocytes.

Bivascular liver perfusion in the anterograde and retrograde modes: zonation of the response to inhibitors of oxidative phosphorylation.

Immunoquantification of type I, III, IV and V collagen in small samples of human lung parenchyma.

Octanoate affects 2,4-dinitrophenol uncoupling in intact isolated rat hepatocytes.

Mechanism of uptake of technetium-tetrofosmin. II: Uptake into isolated adult rat heart mitochondria.

An ATP-sensitive potassium conductance in rabbit arterial endothelial cells.

Mutagens from heated Chinese and U.S. cooking oils.

Thrombin induces the preproendothelin-1 gene in endothelial cells by a protein tyrosine kinase-linked mechanism.

Identification of a rat adrenal cytochrome P450 active in polycyclic hydrocarbon metabolism as rat CYP1B1. Demonstration of a unique tissue-specific pattern of hormonal and aryl hydrocarbon receptor-linked regulation.

A metabolite of carcinogenic 2-acetylaminofluorene, 2-nitrosofluorene, induces redox cycling in mitochondria.

Expression of xenobiotic-metabolizing enzymes in cultured rat tracheal epithelial cells.

Differential toxicities of cyclophosphamide and its glutathione metabolites to A549 cells.

Dose-response relationships of tissue distribution and induction of CYP1A1 and CYP1A2 enzymatic activities following acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice.

Interleukin-3 facilitates glucose transport in a myeloid cell line by regulating the affinity of the glucose transporter for glucose: involvement of protein phosphorylation in transporter activation.

[Participation of tachykinins in experimental models of lung damage].

Olfactory toxicity of methyl iodide in the rat.

Isolation and characterization of mutants defective in the cyanide-insensitive respiratory pathway of *Pseudomonas aeruginosa*.

BW-755C diminishes smoke-induced pulmonary edema.

Toxicology of methyl bromide.

Selective increase of rat lung cytochrome P450 1A1 dependent monooxygenase activity after acute sodium arsenite administration.

Identification of urinary metabolites of human subjects exposed to o-dichlorobenzene.

Mechanism of cytotoxicity of paraquat. III. The effects of acute paraquat exposure on the electron transport system in rat mitochondria.

A fatal case of paraquat poisoning in a Nigerian.

Inhibition of T3-receptor binding by Nitrofen.

Primary and immortalized (BEAS 2B) human bronchial epithelial cells have significant antioxidative capacity in vitro.

Survival of paraquat intoxication complicated with mediastinal emphysema: a case report.

The site of elevated vascular resistance in early paraquat lungs: a morphometric study of pulmonary arteries.

Acute 2,4-dichlorophenoxyacetic acid intoxication in cattle.

Effect of selenium deficiency and glutathione-modulating agents on diquat toxicity and lipid peroxidation in rats.

[Pathologic characteristics of diffuse alveolar damage induced by paraquat in rat lungs].

DNA damage induced in cultured human alveolar (L-132) cells by exposure to dimethylarsinic acid.

Nitric oxide as a mediator of oxidant lung injury due to paraquat.

Cyclooxygenase and lipoxygenase inhibition by BW-755C reduces acrolein smoke-induced acute lung injury.

Paraquat poisoning by skin absorption: report of two cases.

Prevention of paraquat toxicity in suspensions of alveolar type II cells by paraquat-specific antibodies.

Comparison of effects of margarite extract and recombinant human superoxide dismutase on paraquat-induced superoxide anion radicals in rat lung.

Paraquat induces irreversible actin cytoskeleton disruption in cultured human lung cells.

Persistent respiratory health effects after a metam sodium pesticide spill.

Remodeling of the alveolar structure in the paraquat lung of humans: a morphometric study.

Studies on the neuromuscular blocking action of commercial paraquat in mouse phrenic nerve-diaphragm.

The use of human lung slices in toxicology.

[Allergic diseases caused by pesticides: 3 case reports].

Nitric oxide mediates oxidant tissue injury caused by paraquat and xanthine oxidase.

Regulation of antioxidant enzymes in lung after oxidant injury.

Pathobiological effects of acetaldehyde in cultured human epithelial cells and fibroblasts.

Bilateral spontaneous pneumothoraces, pneumopericardium, pneumomediastinum, and subcutaneous emphysema: a rare presentation of paraquat intoxication.

Potential of oxidant-induced toxicity in hamster lung slices by dimethylthiourea.

Assessment of lipid peroxidation associated with lung damage induced by oxidative stress. In vivo and in vitro studies.

Effect of ethanol on paraquat toxicity in F344 rats.

Dose-response assessment of airborne methyl isothiocyanate (MITC) following a metam sodium spill.

[Alteration of lipid peroxidation and the activity of peroxide metabolism enzymes in the liver, kidney and lung following the administration of paraquat in mice].

Effect of Tordon 2,4-D 64/240 triethanolamine BR on the energy metabolism of rat liver mitochondria.

[Paraquat lung].

Inhaled nitric oxide in advanced paraquat intoxication.

Methemoglobinemia following ingestion of a monolinuron/paraquat herbicide (Gramonol).

Free radicals in the pathophysiology of pulmonary injury and disease.

Experimental metolachlor toxicosis in Nubian goats in the Sudan.

Human bronchial smooth muscle responsiveness after in vitro exposure to acrolein.

Tamoxifen: evidence by ³²P-postlabeling and use of metabolic inhibitors for two distinct pathways leading to mouse hepatic DNA adduct formation and identification of 4-hydroxytamoxifen as a proximate metabolite.

Putrescine and paraquat uptake in human lung slices and isolated type II pneumocytes.

Inhibition of degranulation of polymorphonuclear leukocytes by angiogenin and its tryptic fragment.

[Respiratory disease in the tertiary emergency hospital].

Effect of arsenic exposure on alveolar macrophage function. I. Effect of soluble as(III) and as(V).

Alveolar epithelial composition and architecture of the late fetal pulmonary acinus: an immunocytochemical and morphometric study in a rat model of pulmonary hypoplasia and congenital diaphragmatic hernia.

Etiological aspects of congenital diaphragmatic hernia: results of a case comparison study.

Can cohort studies detect any human cancer excess that may result from exposure to dioxin? Maybe.

Dust exposure indices and lung function changes in longshoremen and dock workers.

[Shock caused by poisoning. Use of cardiotropic agents].

Competitive inhibition by genistein and ATP dependence of daunorubicin transport in intact MRP overexpressing human small cell lung cancer cells.

Swine testis cells contain functional heparan sulfate but are defective in entry of herpes simplex virus.

Bronchial necrosis and granuloma induced by the aspiration of a tablet of ferrous sulphate.

Survey of health and use characterization of pesticide applicators in Minnesota.

Hypoxia induces the synthesis of tropomyosin in cultured porcine pulmonary artery endothelial cells.

Sodium azide--a rare poisoning.

Surveillance for emergency events involving hazardous substances--United States, 1990-1992.

Morbidity follow up study of BASF employees exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) after a 1953 chemical reactor incident.

Iron supplementation in children after cardiopulmonary bypass for surgical repair of congenital heart disease.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on pulmonary influenza virus titer and natural killer (NK) activity in rats.

Evaluation of lung function changes before and after surfactant application during artificial ventilation in newborn rats with congenital diaphragmatic hernia.

Postischemic inhibition of cerebral cortex pyruvate dehydrogenase.

Effects of various drugs (staurosporine, herbimycin A, ketotifen, theophylline, FK506 and cyclosporin A) on eosinophil viability.

Adverse effect of iron supplementation on weight gain of iron-replete young children.

Factors that influence the formation and stability of hydrated ferrous sulfate in coal dusts. Possible relation to the emphysema of coal miners.

Antenatal glucocorticoid corrects pulmonary immaturity in experimentally induced congenital diaphragmatic hernia in rats.

Expression of heme oxygenase in arsenic-resistant human lung adenocarcinoma cells.

Induction of heat-shock protein synthesis and thermotolerance in EL-4 ascites tumor cells by transient ATP depletion after ischemic stress.

Clofazimine alters the energy metabolism and inhibits the growth rate of a human lung-cancer cell line in vitro and in vivo.

Surveillance of hazardous substance releases and related health effects.

Transforming growth factor-beta 1 inhibits TCDD-induced cytochrome P450IA1 expression in human lung cancer A549 cells.

The rice culture filtrate of *Bacillus cereus* isolated from emetic-type food poisoning causes mitochondrial swelling in a HEP-2 cell.

[Prevention of infectious endocarditis].

Effect on tissue vitamin A levels in the rat following subchronic exposure to four individual PCB congeners (IUPAC 77, 118, 126, and 153).

Role of ATP and sodium in polyamine transport in bovine pulmonary artery smooth cells.

Vapor phase exposure to acetaldehyde generated from ethanol inhibits bovine bronchial epithelial cell ciliary motility.

Effects of induction and age-dependent enzyme expression on lung bioavailability, metabolism, and DNA binding of urban air particulate-absorbed benzo[a]pyrene, 2-nitrofluorene, and 3-amino-1,4-dimethyl-5H-pyridol-(4,3)-indole.

Differential cytotoxic effects of arsenic on human and animal cells.

Tissue specific expression of the rat Ah-receptor and ARNT mRNAs.

Respiratory enzymes of *Thiobacillus ferrooxidans*. Kinetic properties of an acid-stable iron:rusticyanin oxidoreductase.

Interaction of basic fibroblast growth factor (FGF-2) with nonresponsive HeLa cells.

Role of neutrophils and nitric oxide in lung alveolar injury from smoke inhalation.

Localization of peroxidase activity in tegumental, muscle, and parenchymal cells of the lung fluke *Paragonimus miyazakii* (Digenea: Troglotrematidae).

Effects of arsenic on DNA damage and repair in human fetal lung fibroblasts.

VIP enhances and nitric oxide synthase inhibitor reduces survival of rat lungs perfused ex vivo.

Spin trapping of azidyl and hydroxyl radicals in azide-inhibited rat brain submitochondrial particles.

Fungal metabolites. X. The effect of peptide antibiotics, trichosporin-Bs, on the respiratory activity of mitochondria.

Glucose-6-phosphate dehydrogenase is enriched in oligodendrocytes of the rat spinal cord. Enzyme histochemical and immunocytochemical studies.

Cyclophosphamide-induced lung toxicity: mechanism of endothelial cell injury.

Toxicology of selected nitric oxide-donating xenobiotics, with particular reference to azide.

Effect of low-intensity argon laser irradiation on mitochondrial respiration.

Human pentachlorophenol poisoning.

Bronchiectasis in a child after acrolein inhalation.

Mechanism of cytotoxicity of paraquat. II. Organ specificity of paraquat-stimulated lipid peroxidation in the inner membrane of mitochondria.

Neonatal exposure to paraquat or MPTP induces permanent changes in striatum dopamine and behavior in adult mice.

Acrolein-induced injury to cultured pulmonary artery endothelial cells.

The pneumotoxicant paraquat induces IL-8 mRNA in human mononuclear cells and pulmonary epithelial cells.

The toxicologic interactions resulting from inhalation of carbon black and acrolein on pulmonary antibacterial and antiviral defenses.

Histometric changes in connective fibers of the lung following paraquat administration in rats.

Effect of in vitro exposure to acrolein on carbachol responses in rat trachealis muscle.

Effect of dehydroproline as a collagen synthetic inhibitor in paraquat-induced pulmonary fibrosis in beagle dogs.

N-acetylcysteine delays the infiltration of inflammatory cells into the lungs of paraquat-intoxicated rats.

Effects on thyroid hormone metabolism and depletion of lung vitamin A in rats by airborne particulate matter.

Chlorpromazine and paraquat poisoning.

Acrolein increases airway sensitivity to substance P and decreases NEP activity in guinea pigs.

Gene damage induced in human alveolar type II (L-132) cells by exposure to dimethylarsinic acid.

Protection of a rat tracheal epithelial cell line from paraquat toxicity by inhibition of glucose-6-phosphate dehydrogenase.

Cell proliferation in the respiratory tract of the rat after acute inhalation of formaldehyde or acrolein.

An epidemiological study of the health of Sri Lankan tea plantation workers associated with long term exposure to paraquat.

Occupational exposure to phenoxy herbicides and chlorophenols and cancer mortality in The Netherlands.

[Acute oral toxicity of bentazon, an herbicide developed in Czechoslovakia, in pheasants and rabbits and the clinical symptoms of poisoning].

Community exposure to a paraquat drift.

Synergic lung changes in rats receiving combined exposure to paraquat and ionizing radiation.

[Cytokines and pulmonary fibroses].

Paraquat-induced lung injury: prevention by vasoactive intestinal peptide and related peptide helodermin.

The mechanisms by which mild respiratory chain inhibitors inhibit hepatic gluconeogenesis.

[Antibacterial activity of thymol, carvacrol and cinnamaldehyde alone or in combination].

Lung growth and maturation in the rat model of experimentally induced congenital diaphragmatic hernia.

Protective role for neuropeptides in acute pulmonary response to acrolein in guinea pigs.

Studies on the inhibition of collagen synthesis in fibroblasts treated with paraquat.

[Biological monitoring of workers exposed to nitrofen and experimental study on its skin permeability].

PGI₂ production and angiotensin converting enzyme activity in cultured porcine pulmonary artery endothelial cells treated with paraquat.

Eosinophils increase lung microvascular permeability via the peroxidase-hydrogen peroxide-halide system. Bronchoconstriction and vasoconstriction unaffected by eosinophil peroxidase inhibition.

Lung glutathione reductase induction in aging catalase-depleted frogs correlates with early survival throughout the life span.

Evidence for peroxidase-mediated metabolism of cyclophosphamide.

Kinetics and cellular localisation of putrescine uptake in human lung tissue.

Ultrastructural features of alveolar epithelial cells in the late fetal pulmonary acinus: a comparison between normal and hypoplastic lungs using a rat model of pulmonary hypoplasia and congenital diaphragmatic hernia.

Subchronic toxicity of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

[Iron deficiency anemia is not always simple].

Resistance to aflatoxin B₁ is associated with the expression of a novel aldo-keto reductase which has catalytic activity towards a cytotoxic aldehyde-containing metabolite of the toxin.

Inhibition of uncoupled respiration in tumor cells. A possible role of mitochondrial Ca²⁺ efflux.

Inactivation of alpha 1-antitrypsin by aqueous coal solutions: possible relation to the emphysema of coal workers.

Human health effects of agrichemical use.

NAD(P)H:quinone oxidoreductase1 (DT-diaphorase) expression in normal and tumor tissues.

Hyperoxic lung injury in Fischer-344 and Sprague-Dawley rats in vivo.

Increased serum catalase activity in rats subjected to thermal skin injury.

Biochemical immaturity of lungs in congenital diaphragmatic hernia.

The natural history of congenital diaphragmatic hernia and pulmonary hypoplasia in the embryo.

A study of the binding of immunoglobulin G and immunoglobulin E from children with bronchial asthma to peptides derived from group II antigen of *Dermatophagoides pteronyssinus*.

The mortality experience of workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin in a trichlorophenol process accident.

Lactoferrin co-purifies with myeloperoxidase and is recognised by anti-neutrophil cytoplasm antibodies.

A sensitive colorimetric assay for the release of tryptase from human lung mast cells in vitro.

[The effect of bovine serum albumin conjugates with polyalkylene oxides on the respiration of heart mitochondria].

Tissue distribution and toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats after intravenous injection.

Cytochrome P4501A1 mediates the metabolism of 2,3,7,8-tetrachlorodibenzofuran in the rat and human.

Induction of neutrophil homotypic adhesion via sialophorin (CD43), a surface sialoglycoprotein restricted to haemopoietic cells.

Purification and characterization of catalase from goat (*Capra capra*) lung.

Comparison of the structures of the quinone-binding sites in beef heart mitochondria.

A ferro-heme protein senses oxygen levels, which modulate the glucagon-dependent activation of the phosphoenolpyruvate carboxykinase gene in rat hepatocyte cultures.

Responses of smooth muscle cells to platelet-derived growth factor are inhibited by herbimycin-A tyrosine kinase inhibitor.

Evaluation of human blood lymphocytes as a model to study the effects of drugs on human mitochondria. Effects of low concentrations of amiodarone on fatty acid oxidation, ATP levels and cell survival.

Influence of some biological response modifiers on swelling of rat liver mitochondria in vitro.

Measurement of the epithelial barrier integrity in tracheal cell cultures exposed to irritant compounds.

Effects of metabolic inhibition on cytoplasmic calcium and contraction in smooth muscle of rat portal vein.

Enhancement of neutrophil-mediated injury to bovine pulmonary endothelial cells by *Pasteurella haemolytica* leukotoxin.

Arsenic-induced DNA-strand breaks associated with DNA-protein crosslinks in human fetal lung fibroblasts.

[Toxicology of tobacco].

NTP Toxicology and Carcinogenesis Studies of Pentachloroanisole (CAS No. 1825-21-4) in F344 Rats and B6C3F1 Mice (Feed Studies).

Mechanism of putrescine transport in human pulmonary artery endothelial cells.

Uncoupling of rat liver mitochondrial oxidative phosphorylation by the fasciolicide triclabendazole and its sulfoxide and sulfone metabolites.

Mitochondria as a source of reactive oxygen species during reductive stress in rat hepatocytes.

Ferrous-iron induces lipid peroxidation with little damage to energy transduction in mitochondria.

Inhibition of mitochondrial oxidative phosphorylation and its electron transport pathway by a polycation in vitro.

Nature and role of xenobiotic metabolizing esterases in rat liver, lung, skin and blood.

Volatile metabolites in occupational exposure to organic sulfur compounds.

Effects of acute sodium arsenite administration on the pulmonary chemical metabolizing enzymes, cytochrome P-450 monooxygenase, NAD(P)H:quinone acceptor oxidoreductase and glutathione S-transferase in guinea pig: comparison with effects in liver and kidney.

Evaluation of the role of reactive oxygen species in the interactive toxicity of carbide-cobalt mixtures on macrophages in culture.

Reabsorption of lung liquid produced by 2,4-dinitrophenol in in vitro lungs from fetal guinea pigs.

Comparative pharmacokinetics of ifosfamide, 4-hydroxyifosfamide, chloroacetaldehyde, and 2- and 3-dechloroethylifosfamide in patients on fractionated intravenous ifosfamide therapy.

A comparison of the effects of aphidicolin and other inhibitors on topoisomerase II-directed cytotoxic drugs.

Resistance of murine lung tumors to xenobiotic-induced cytotoxicity.

[The influence of paraquat on cell cycle--analysis of cell kinetics using DNA/BrdU staining].

Protective effect of liposome-associated alpha-tocopherol against paraquat-induced acute lung toxicity.

One-year toxicity of orally administered acrolein to the beagle dog.

Nitrofen-induced diaphragmatic hernias in rats: pulmonary antioxidant enzyme activities.

Tissue-binding and toxicity of compounds structurally related to the herbicide dichlobenil in the mouse olfactory mucosa.

Association of asthma with use of pesticides. Results of a cross-sectional survey of farmers.

The kidney in the fetal rat model of congenital diaphragmatic hernia induced by nitrofen.

Pulmonary hemodynamics and lung function during chronic paraquat poisoning in sheep. Possible role of reactive oxygen species.

A novel pharmacological approach for paraquat poisoning in rat and A549 cell line using ambroxol, a lung surfactant synthesis inducer.

Acute renal failure in a case of paraquat poisoning with relative absence of pulmonary toxicity.

[A cardiac lesion secondary to paraquat].

Effects of concentration reduction and partial replacement of paraquat by diquat on human toxicity: a clinical survey.

Mitochondrial breakage induced by the herbicide paraquat in cultured human lung cells.

[Toxic and drug-induced lesions of the pulmonary parenchyma].

Alveolar damage due to inhalation of amitrole-containing herbicide.

Paraquat poisoning in children: survival of three cases.

Acute toxicological studies on paraquat: pathological findings in beagle dogs following single subcutaneous injections.

[The effect of Bentazone, a Czechoslovak developmental herbicide, on health status indicators in sheep during subchronic poisoning].

Acute effects of acrolein on breathing: role of vagal bronchopulmonary afferents.

Preferential increase of heterochromatin in venular endothelium of lung in mice after administration of dimethylarsinic acid, a major metabolite of inorganic arsenics.

Effect of lung irradiation on mice following paraquat intoxication.

Relationship of resistance to oxygen free radicals to CuZn-superoxide dismutase activity in transgenic, transfected, and trisomic cells.

Subacute toxicity of paraquat in beagle dogs: clinicopathology and pathologic examinations.

[A successful treatment of patient with paraquat poisoning].

Smoke aldehyde component influences pulmonary edema.

Lung protection against paraquat is calcium dependent.

Mechanisms of aldehyde-induced bronchial reactivity: role of airway epithelium.

Effect of preinduction of metallothionein on paraquat toxicity in mice.

Lung injury induced by paraquat, hyperoxia and cobalt chloride: effects of ambroxol.

Effect of L-cystine on toxicity of paraquat in mice.

Fatal paraquat poisoning: a light microscopic study in eight autopsy cases.

Taurine protection of lungs in hamster models of oxidant injury: a morphologic time study of paraquat and bleomycin treatment.

Immunocytochemical observation of paraquat-induced alveolitis with special reference to class II MHC antigens.

Effect of iron chelators on paraquat toxicity in rats and alveolar type II cells.

Efficacy of whole bowel irrigation using solutions with or without adsorbent in the removal of paraquat in dogs.

Platelet prevention of oxidant lung oedema is not mediated through scavenging of hydrogen peroxide.

The effect of a commercial 2,4-D formulation on chemical- and viral-induced tumor production in mice.

Effect of artificial ventilation on pulmonary antioxidant enzyme activities in a congenital diaphragmatic hernia rat model.

The pharmacological activity of nitroxyl: a potent vasodilator with activity similar to nitric oxide and/or endothelium-derived relaxing factor.

Role of cellular defense against hydrogen peroxide-induced inhibition of myocyte respiration.

Forest worker exposure to airborne herbicide residues in smoke from prescribed fires in the southern United States.

Regulation of hydrogen peroxide generation in cultured endothelial cells.

Paraquat-induced lung injury: prevention by N-tert-butyl-alpha-phenylnitrone, a free-radical spin-trapping agent.

Insight into the nature and site of oxygen-centered free radical generation by endothelial cell monolayers using a novel spin trapping technique.

Mitochondrial ATP-synthase deficiency in a child with 3-methylglutaconic aciduria.

Integrated approach for evaluating species and interindividual differences in responsiveness to dioxins and structural analogs.

Increased serum catalase activity in septic patients with the adult respiratory distress syndrome.

[Pulmonary surfactant in experimental congenital diaphragmatic hernia].

Pulmonary vascular abnormalities in experimentally induced congenital diaphragmatic hernia in rats.

Dynamic changes in the functional characteristics of the interstitial fibroblast during lung repair.

Urinary ortho-cresol concentrations as an indicator of toluene inhalation in glue-sniffers.

Chronic sodium azide treatment impairs learning of the Morris water maze task.

Influence of stepwise uncoupling and temporary anoxia on pancreatic enzyme secretion by isolated rat acini.

Effects of acid-base status on acute hypoxic pulmonary vasoconstriction and gas exchange.

Mitochondrial ATP-synthase activity in cardiomyocytes after aerobic-anaerobic metabolic transition.

Identification of *Candida albicans* antigens reactive with immunoglobulin E antibody of human sera.

Antioxidant activity of bronchoalveolar lavage fluid in the adult respiratory distress syndrome.

Potential antitumor agents. 64. Synthesis and antitumor evaluation of dibenzo[1,4]dioxin-1-carboxamides: a new class of weakly binding DNA-intercalating agents.

Differential ability of occupational chemical contact and respiratory allergens to cause immediate and delayed dermal hypersensitivity reactions in mice.

[Experimental congenital diaphragmatic hernia with pulmonary hypoplasia in a rat model].

Old and new reflections on dioxin.

Reconciling old and new findings on dioxin.

Methylbromide intoxication: a case report.

Energy-dependent processes involved in reduced drug accumulation in multidrug-resistant human lung cancer cell lines without P-glycoprotein expression.

Characterization of volatile sulphur compounds production at individual gingival crevicular sites in humans.

IgE-mediated inhalant allergy in inhabitants of a building infested by the rice weevil (*Sitophilus oryzae*).

Zymosan-triggered tyrosine phosphorylation in mouse bone-marrow-derived macrophages is enhanced by respiratory-burst priming agents.

Ferritin: a cytoprotective antioxidant strategem of endothelium.

Characterization of an Electron Transport Pathway Associated with Glucose and Fructose Respiration in the Intact Chloroplasts of *Chlamydomonas reinhardtii* and Spinach.

[The spatial distribution of mitochondrial respiration and oxidative phosphorylation along the small intestine in rats of different ages].

Mechanism of citrinin-induced dysfunction of mitochondria. II. Effect on respiration, enzyme activities, and membrane potential of liver mitochondria.

Induction of cystine transport in bovine pulmonary artery endothelial cells by sodium arsenite.

Increased hydrogen peroxide concentration in human tumor cells due to a nitroxide free radical.

Dark Respiration Protects Photosynthesis Against Photoinhibition in Mesophyll Protoplasts of Pea (*Pisum sativum*).

Health status and needs of migrant farm workers in the United States: a literature review.

Thermoregulatory, carboxyatractylate-sensitive uncoupling in heart and skeletal muscle mitochondria of the ground squirrel correlates with the level of free fatty acids.

Distribution of cytochrome P450 1A1 and NADPH-cytochrome P450 reductase in lungs of rabbits treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin: ultrastructural immunolocalization and in situ hybridization.

Relation between airborne arsenic trioxide and urinary excretion of inorganic arsenic and its methylated metabolites.

Interaction of C1q receptor with lung surfactant protein A.

Methanol and ethanol oxidase respiratory chains of the methylotrophic acetic acid bacterium, *Acetobacter methanolicus*.

Generation and functional characterization of ovine bone marrow-derived macrophages.

Mechanisms of extracellular reactive oxygen species injury to the pulmonary microvasculature.

Studies on curare-like action of 2,2',2''-tripyrindine in the mouse phrenic nerve-diaphragm.

[The effect of isomeric alkyl (C19--C25) methoxybenzoquinones on mitochondrial respiration].

Tricarboxylic acid cycle activity in perfused rat lungs after O₂ exposure.

Liquid flow across the epithelium of the artificially perfused lung of fetal and postnatal sheep.

Magnetic resonance imaging of Fricke-doped agarose gels for the visualization of radiotherapy dose distributions in a lung phantom.

NTP Toxicology and Carcinogenesis Studies of Monochloroacetic Acid (CAS No. 79-11-8) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

[Production of monoclonal antibody against diquat and its application for forensic medicine].

[Effect of almitrine in acute canine lung injury induced by paraquat].

The upper respiratory tract: mucous membrane irritation.

Marijuana and tobacco smoke gas-phase cytotoxins.

Fructose 1,6-diphosphate augments paraquat injury in isolated dog lungs.

Failure of radiotherapy to resolve fatal lung damage due to paraquat poisoning.

Paraquat poisoning: findings on chest radiography and CT in 42 patients.

[Is it appropriate to consider wood preservative poisoning in the differential diagnosis of chronic recurrent respiratory tract infections?].

[Fatal voluntary poisoning by parenteral paraquat].

Confirmation of chemical sensitivity by means of double-blind inhalant challenge of toxic volatile chemicals.

[Arachidonic acid metabolism and angiotensin converting enzyme activity by cultured porcine pulmonary artery endothelial cells are affected with paraquat].

Protection of rats against the effects of alpha-naphthylthiourea (ANTU) by elevation of non-protein sulphhydryl levels.

Reduction of paraquat and related bipyridylium compounds to free radical metabolites by rat hepatocytes.

Free radical-induced carbonyl content in protein of estrogen-treated hamsters assayed by sodium boro[³H]hydride reduction.

Betamethasone effects on paraquat lung toxicity.

Comparison of one-electron reduction activity against the bipyridylium herbicides, paraquat and diquat, in microsomal and mitochondrial fractions of liver, lung and kidney (in vitro).

The effects of Tordon 202c exposure on urethan-induced lung adenoma formation in female CD-1 mice.

[Changes in the laboratory rat during development after parenteral administration of the herbicide Zeazin S-40. II. Morphologic findings].

Effects of pneumotoxic trialkylphosphorothioates on the pentose phosphate pathway in rat lung slices.

[Observations of the fibrosing process in paraquat lung injury by chest X-ray and CT].

Cellular response to oxidative damage in lung induced by the administration of dimethylarsinic acid, a major metabolite of inorganic arsenics, in mice.

[Occupational asthma caused by scented gravel in cat litter boxes].

Paraquat induced pulmonary fibrosis in three survivors.

Mortality and incidence of cancer at four factories making phenoxy herbicides.

A fatal case of parenteral paraquat poisoning.

Immunohistochemical localization of paraquat in lung and brain.

Taiwan National Poison Center survey of glyphosate--surfactant herbicide ingestions.

Acute toxicology of components of vegetation smoke.

Effects of 2,4,5-trichlorophenoxyacetic acid, pentachlorophenol, methylprednisolone, and Freund's adjuvant on 2-hydroxyethylnitrosourea carcinogenesis in MRC-Wistar rats.

Evaluation of organ injuries in Paraquat intoxication.

Acute and chronic effects of parathion and 2,4 D on the oxygen consumption of *Chasmagnathus granulata* (Decapoda, Brachyura).

Oral and pulmonary toxicology of the surfactant used in roundup herbicide.

Acute poisoning with a glyphosate-surfactant herbicide ('Roundup'): a review of 93 cases.

Compensatory growth in fibrotic lung injury.

Tumor necrosis factor- α increases Mn-SOD expression: protection against oxidant injury.

Steroid responsiveness of fibroblasts of paraquat injured lungs.

Dose-dependent increases in metallothionein synthesis in the lung and liver of paraquat-treated rats.

Mechanism of paraquat-stimulated lipid peroxidation in mouse brain and pulmonary microsomes.

Molecular features necessary for the uptake of diamines and related compounds by the polyamine receptor of rat lung slices.

Effects of MPTP, MPP⁺, and paraquat on NADPH-dependent lipid peroxidation in mouse brain and lung microsomes.

Diamine uptake by rat lung type II cells in vitro.

Different effects of paraquat on microsomal lipid peroxidation in mouse brain, lung and liver.

Occupational exposure of forest workers to glyphosate during brush saw spraying work.

Evaluation of chronic bronchitis, chronic obstructive pulmonary disease, and ventilatory function among workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Decreased activities of ubiquinol:ferricytochrome c oxidoreductase (complex III) and ferrocyclochrome c: oxygen oxidoreductase (complex IV) in liver mitochondria from rats with hydroxycobalamin[c-lactam]-induced methylmalonic aciduria.

Human AH locus polymorphism and cancer: inducibility of CYP1A1 and other genes by combustion products and dioxin.

Arsenite as the probable active species in the human carcinogenicity of arsenic: mouse micronucleus assays on Na and K arsenite, orpiment, and Fowler's solution.

Hemolytic activity of ethylene glycol phenyl ether (EGPE) in rabbits.

Toxic and neoplastic responses in the nasal passages: future research needs.

Chloracne caused by ingestion of olive oil contaminated with PCDDs and PCDFs.

Inhibition of mitochondrial respiratory function by an organic solvent extractable component from an extract of burn eschar.

Ninety day toxicity study of chloroacetic acids in rats.

Agricultural disorders of the lung.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the vitamin A status of Hartley guinea pigs, Sprague-Dawley rats, C57Bl/6 mice, DBA/2 mice, and Golden Syrian hamsters.

Washed human platelets prevent ischemia-reperfusion edema in isolated rabbit lungs.

Promotion of mouse lung tumors by bioaccumulated polychlorinated aromatic hydrocarbons.

Cancer mortality in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

A one-year carcinogenicity study with 2,6-dichlorobenzonitrile (Dichlobenil) in male Swiss mice: preliminary note.

Inhalation exposure of mice to trimellitic anhydride induces both IgG and IgE anti-hapten antibody.

Human exposure to 2,3,7,8-TCDD and risk of cancer.

[Massive hemoptysis ten days after bronchial extraction of an accidentally inhaled tablet of ferrous sulfate].

Altered metabolic response of iron-deficient women during graded, maximal exercise.

Iron lung: bronchoscopic and pathological consequences of aspiration of ferrous sulphate.

Lung calcium-dependent phospholipid-binding proteins: structure and function.

Primary cultures of tracheal epithelial cells for the evaluation of respiratory toxicity.

Nature of enhanced mitochondrial oxidative metabolism by a calf blood extract.

Effect of aclarubicin and doxorubicin on rat liver mitochondrial oxidative phosphorylation.

Glutathione redox cycle is an important defense system of endothelial cells against chronic hyperoxia.

Vagal amplification of phrenic nerve activity at different levels of ventilation in spontaneously breathing cats.

Microphotometric determination of enzymes in brain sections. IV. Isocitrate dehydrogenases.

Studies in tobacco carcinogenesis.

Toxic interactions in the rat nose: pollutants from soiled bedding and methyl bromide.

The role of metabolism in chemical-induced pulmonary toxicity.

A comparative study of the effects of phebrol on the respiratory chains of rat liver, *Biomphalaria glabrata* and *Oncomelania nosophora*.

[The isolation of mitochondria from different sections of the small intestine and their functional characteristics].

Metabolic activation of chlorpromazine by stimulated human polymorphonuclear leukocytes. Induction of covalent binding of chlorpromazine to nucleic acids and proteins.

Protein-ubiquinone interaction in bovine heart mitochondrial succinate-cytochrome c reductase.

Synthesis and biological properties of fluorine substituted ubiquinone derivatives.

Isolation and characterization of rat lung *Pneumocystis carinii* gp120.

A serine esterase released by human alveolar macrophages is closely related to liver microsomal carboxylesterases.

Characterization of a novel glutathione S-transferase isoenzyme from mouse lung and liver having structural similarity to rat glutathione S-transferase 8-8.

NTP Toxicology and Carcinogenesis Studies of Sodium Azide (CAS: 26628-22-8) in F344 Rats (Gavage Studies).

Lung liquid production by in vitro lungs from fetal guinea pigs: studies with metabolic inhibitors.

Hydrogen peroxide production by alveolar type II cells, alveolar macrophages, and endothelial cells.

Uptake of glutathione by renal cortical mitochondria.

Toxicity of 2,6-dichlorothiobenzamide (chlorthiamid) and 2,6-dichlorobenzamide in the olfactory nasal mucosa of mice.

The pyrimido-pyrimidine derivative RA-642: a potent inhibitor of ferrous-induced lipid peroxidation in cell membranes.

Reconstitution of the ethanol oxidase respiratory chain in membranes of quinoprotein alcohol dehydrogenase-deficient *Gluconobacter suboxydans* subsp. alpha strains.

Breath-by-breath measurement of oxygen consumption and FIO₂-FEO₂ with increased oxygen demand.

An evaluation of the redox cycling potencies of paraquat and nitrofurantoin in microsomal and lung slice systems.

[Pesticide-induced pulmonary fibrosis].

[Oxidant-induced lung injury].

Biochemical changes in rat lung during acute paraquat intoxication.

Interactions between paraquat, endogenous lung amines' antioxidants and isolated mouse Clara cells.

[Exposure to agricultural chemicals and oncogenic risk].

[Protective effect of hyperbaric hypoxxygenation for paraquat poisoning in the rat].

Nitrofen-induced diaphragmatic hernias in rats: an animal model.

[Scanning electron microscopic study of rat lungs in experimental chronic paraquat poisoning].

Effects of paraquat on mortality and cardiorespiratory function of catfish fry *Plecostomus commersoni*.

Paraquat poisoning. An overview of the current status.

[Free radicals in industrial medicine: their mechanisms of toxicity and biological relevance].

Mechanism of protection of alveolar type II cells against paraquat-induced cytotoxicity by deferoxamine.

PO₂ modulation of paraquat-induced microvascular injury in isolated dog lungs.

In vitro studies of aldehyde effects related to human respiratory carcinogenesis.

Irreversible binding and toxicity of the herbicide dichlobenil (2,6-dichlorobenzonitrile) in the olfactory mucosa of mice.

[Toxicity of paraquat used in the form of aerosols in experimental studies].

Evaluation of N-acetylcysteine and methylprednisolone as therapies for oxygen and acrolein-induced lung damage.

The effects of drugs, other foreign compounds, and cigarette smoke on the synthesis of protein by lung slices.

An assessment of the role of redox cycling in mediating the toxicity of paraquat and nitrofurantoin.

Xanthine oxidase is increased and contributes to paraquat-induced acute lung injury.

The importance of epithelial uptake systems in lung toxicity.

A novel lung slice system with compromised antioxidant defenses.

Acrolein depletes the neuropeptides CGRP and substance P in sensory nerves in rat respiratory tract.

Involvement of prostaglandins in paraquat intoxication.

[Pulmonary lesion of paraquat poisoning on high resolution CT].

Pulmonary toxicity induced by chemical agents.

Initial accumulation of paraquat in the heart leading to acute death.

Potentialiation of the cell specific toxicity of paraquat by 1,3-bis(2-chloroethyl)-1-nitrosourea (BCNU). Implications for the heterogeneous distribution of glutathione (GSH) in rat lung.

Electroencephalographical analysis of acute paraquat poisoning.

Toxicokinetics of paraquat in humans.

Paraquat pharmacokinetics using a subcutaneous toxic low dose in the rat.

Correlation between lipid peroxidation and morphological manifestation of paraquat-induced lung injury in rats.

An unusual case of fatal accidental paraquat poisoning.

[Structural changes in the lung in the late stage of fatal paraquat poisoning].

Inhibition of lung damage caused by paraquat with lymphokines or cytokines.

Free malondialdehyde levels in the urine of rats intoxicated with paraquat.

Oxygen radicals in lung pathology.

Comparison of the toxicology of the herbicide roundup by oral and pulmonary routes of exposure.

Tyrosine kinase activation during lung injury, fibrosis, and compensatory lung growth.

Role of sulfidopeptide leukotrienes in synthetic smoke inhalation injury in sheep.

Derecruitment of filtration surface area in paraquat-injured isolated dog lungs.

Acid-base balance and cardiac index in SO₂-bronchitic, papaine-empysematous and paraquat-fibrotic rats after isoproterenol treatment.

Alterations of arachidonate metabolism in cardiovascular system by cigarette smoking.

Comparison of uncoupling activities of chlorophenoxy herbicides in rat liver mitochondria.

Aminotriazole effects on lung and heart H₂O₂ detoxifying enzymes and TBA-RS at two pO₂.

End-tidal CO₂, CO₂ production, and O₂ consumption as early indicators of approaching hyperthermia.

Late pulmonary allergic responses in actively but not passively IgE-sensitized rats.

Neutral and acidic human tracheobronchial mucin. Isolation and characterization of core protein.

Ontogeny of mitochondrial calcium transport in spontaneously hypertensive (SHR) and WKY rats.

Intraabdominal sepsis: effects on polymorphonuclear leukocyte Fc receptor-mediated phagocytosis.

Pulmonary diffusing capacities for nitric oxide and carbon monoxide determined by rebreathing in dogs.

[Development of the concept of antidotes: the contribution of clinical toxicology].

[The nature, severity and distribution of obstructive airway lesions in COPD studied by morphometry and computer-assisted 3-D reconstruction].

Purification and characterization of a Mr approximately 66,000 lung-derived (paracrine) growth factor that preferentially stimulates the in vitro proliferation of lung-metastasizing tumor cells.

Effect of sodium azide on hydrogen peroxide production by zymosan-activated human neutrophils.

Experimentally induced congenital diaphragmatic hernia in rats.

Preparation of triazolo[1,5-c]pyrimidines as potential antiasthma agents.

Radiological "metamorphosis" in a patient with severe congenital osteogenesis imperfecta.

Studies on specific serological antigens in metacercariae and juveniles of *Paragonimus westermani* and its monoclonal antibodies.

Histological examination of the temporal bone in medicolegal cases of asphyxia.

Ethylene dichloride: the influence of disulfiram or ethanol on oncogenicity, metabolism, and DNA covalent binding in rats.

Airway opioid receptors mediate inhibition of cough and reflex bronchoconstriction in guinea pigs.

The effect of mitochondrial inhibitors on calcium homeostasis in tumor mast cells.

Neurogenic inflammation, vascular permeability, and mast cells. Capsaicin desensitization fails to influence IgE-anti-DNP induced vascular permeability in rat airways.

Changes in the composition and metabolism of arterial collagens during the development of pulmonary hypertension in rabbits.

Unintentional methyl bromide gas release--Florida, 1988.

Methyl bromide intoxication in four field-workers during removal of soil fumigation sheets.

Unit length as the denominator for quantitation of cell proliferation in nasal epithelia.

Differential enzyme induction of mouse liver and lung following a single low or high dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Lung injury in Fischer but not Sprague-Dawley rats after short-term hyperoxia.

Mitochondrial respiratory inhibition by N-methylated beta-carboline derivatives structurally resembling N-methyl-4-phenylpyridine.

Influence of SK&F 95587 and BN 50730 on bronchoconstrictor responses in the cat.

Dual effect of amiodarone on mitochondrial respiration. Initial protonophoric uncoupling effect followed by inhibition of the respiratory chain at the levels of complex I and complex II.

Uptake and retention of hexakis (2-methoxyisobutyl isonitrile) technetium(I) in cultured chick myocardial cells. Mitochondrial and plasma membrane potential dependence.

[Effect of inflammatory mediators on respiration in rat liver mitochondria].

Carboxyatractylate-sensitive uncoupling in liver mitochondria from ground squirrels during hibernation and arousal.

Hepatic aryl hydrocarbon hydroxylase and cytochrome P450 induction following the transpulmonary absorption of TCDD from intratracheally instilled particles.

Reduction of phosphate-induced dysfunction in rat heart mitochondria by carnitine.

Respiration and Motility in Starfish Spermatozoa at Various Times in the Breeding Season: (starfish/sperm, motility/respiration).

2-Nitrofluorene metabolism in the rat lung. Pharmacokinetic and metabolic effects of beta-naphthoflavone treatment.

Inorganic arsenic methylation by rat tissue slices.

End-tidal carbon dioxide concentration, carbon dioxide production, heart rate, and blood pressure as indicators of induced hyperthermia.

The role of cytochromes P-450 and flavin-containing monooxygenase in the metabolism of (S)-nicotine by rabbit lung.

Glutathione enhancement in various mouse organs and protection by glutathione isopropyl ester against liver injury.

Rapid toxicity testing based on yeast respiratory activity.

Respiratory inhibitors and uncouplers prevent the aeration-induced increase in mitochondrial anion conductivity.

Effect of polymorphonuclear leukocyte-derived oxygen free radicals and hypochlorous acid on cardiac function and some biochemical parameters.

Isolation to homogeneity and partial characterization of a histo-blood group A defined Fuc alpha 1----2Gal alpha 1----3-N-acetylgalactosaminyltransferase from human lung tissue.

Respiratory tract epithelium in primary culture: Effects of ciliotoxic compounds.

Sodium-azide-evoked noradrenaline release from peripheral nerves of rabbit pulmonary artery.

Microphotometric determination of enzymes in brain sections. III. Glutamate dehydrogenase.

Microphotometric determination of enzymes in brain sections. II. GABA transaminase.

Effects of perfluoro-n-decanoic acid on the respiratory activity of isolated rat liver mitochondria.

Metabolism and pulmonary toxicity of cyclophosphamide.

ICRF 187 and polyhydroxyphenyl derivatives fail to protect against bleomycin induced lung injury.

Paraquat poisoning: per vagina.

Total exclusion from external respiration protects lungs from development of fibrosis after paraquat intoxication.

Paraquat poisoning.

Effect of paraquat on serum and lung angiotensin I converting enzyme (AICE) activity in beagle dogs.

Bronchial artery ligation modifies pulmonary edema after exposure to smoke with acrolein.

DNA strand breaks in mammalian tissues induced by methylarsenics.

[Failure of a cyclophosphamide-dexamethasone combination in paraquat poisoning].

[Paraquat poisoning].

[Clinical studies on paraquat poisoning; prognosis and severity index of paraquat poisoning using the urine levels].

Acute vapour inhalation toxicity of acrolein and its influence as a trace contaminant in 2-methoxy-3,4-dihydro-2H-pyran.

[A clinical study of pulmonary edema on paraquat poisoning by double indicator dilution method using heat and sodium].

[Paraquat poisoning. Pulmonary lesions].

Effects of paraquat on canine bronchoalveolar lavage fluid.

The effects of 24% paraquat (1,1'-dimethyl-4,4'-bipyridylium dichloride) on hemodynamics, blood gases, plasma lactate and plasma catecholamines in dogs.

Continuous intravenous infusion of deferoxamine reduces mortality by paraquat in vitamin E-deficient rats.

Free radical effects on lung metabolism.

[Paraquat poisoning: clinical and anatomopathologic aspects in 3 cases].

Dinoseb toxicosis in two dogs.

Effectiveness of vitamin E and colchicine in amelioration of paraquat lung injuries using an experimental model.

A new method for predicting the outcome and survival period in paraquat poisoning.

Mechanistic studies: their role in the toxicological evaluation of pesticides.

[Lung changes in rats under the action of paraquat and the importance of antioxidants].

[Paraquat and diquat: mechanisms of toxicity].

[Problem of correlating the effect of carbon fiber dust on the body and the degree of migration of residual monomers and the products of their thermal destruction in a model biological media].

[The pulmonary lesions in paraquat poisoning].

An immunohistochemical study of the fibrosing process in paraquat lung injury.

Paraquat is not accumulated in B16 tumor cells by the polyamine transport system.

Experimental pulmonary fibrosis induced by paraquat plus oxygen in rats: a morphologic and biochemical sequential study.

Bronchial responsiveness and inflammation in guinea pigs exposed to acrolein.

Evolution of metaplastic squamous cells of alveolar walls in pulmonary fibrosis produced by paraquat. An ultrastructural and immunohistochemical study.

Relationship between changes in alveolar surfactant levels and lung defence mechanisms.

Spermidine uptake by type II pneumocytes: interactions of amine uptake pathways.

Nuclearly inherited diuron-resistant mutations conferring a deficiency in the NADH--or succinate--ubiquinone oxidoreductase activity in *Saccharomyces cerevisiae*.

Resistance of rat pulmonary alveolar epithelial cells to neutrophil- and oxidant-induced injury.

Hydroxylamine is a vasorelaxant and a possible intermediate in the oxidative conversion of L-arginine to nitric oxide.

Sulfidopeptide leukotrienes mediate acrolein-induced bronchial hyperresponsiveness.

N-methylation as a toxication route for xenobiotics. II. In vivo formation of N,N'-dimethyl-4,4'-bipyridyl ion (paraquat) from 4,4'-bipyridyl in the guinea pig.

The accumulation of cystamine and its metabolism to taurine in rat lung slices.

Metallothionein-I accumulation in the rat lung following a single paraquat administration.

Spermidine uptake by type II pulmonary epithelial cells in primary culture.

Teratogenic assessment of 2,4-dichlorophenol in Fischer 344 rats.

Protein kinase-C-induced down-regulation of calcitonin receptors and calcitonin-activated adenylate cyclase in T47D and BEN cells.

Purification and characterization of recombinant human parathyroid hormone-related protein.

Cottonseed meal (gossypol) toxicosis in a swine herd.

Simultaneous determination of L-homoserine and L-homoserine lactone by reversed-phase liquid chromatography in acid hydrolysates of proteins after cyanogen bromide treatment.

Mechanism of tolerance to renal ischemia in harbor seal: role of membranes.

Suppression of aryl hydrocarbon hydroxylase activity in human primary lung carcinoma x mouse hepatoma somatic cell hybrids.

Hemodynamic effects of experimental iron poisoning.

Mitochondrial function in carbon tetrachloride-induced cirrhosis in the rat. Qualitative and quantitative defects.

Absence of alpha 2(1) procollagen synthesis in a clone of SV40-transformed WI-38 human fibroblasts.

[Fibrogenesis and glycoconjugates].

Mode of metabolism is altered in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treated rats.

In vivo susceptibility of *Campylobacter pylori*.

[A case of remarkable bronchial stenosis due to aspiration of delayed-release iron tablet].

Hematotoxic effects in the rat of a toluene dinitro derivative after short-term exposure.

Involvement of ventral medullary surface in respiratory responses induced by 2,4-dinitrophenol.

Antigen-induced bronchopulmonary alterations in the guinea pig: a new model of passive sensitization mediated by mouse IgE antibodies.

The role of mucus sol phase in clearance by simulated cough.

Iodine-131 MIBG scintigraphy in small cell lung cancer.

Collagens of normal and cirrhotic human liver.

Dimethylated arsenics induce DNA strand breaks in lung via the production of active oxygen in mice.

Prolonged aerobic exercise: physiological studies in rat gastrocnemius with additional observations on the effects of acute mitochondrial blockade.

Effects of the new nitrosourea derivative, fotemustine, on the glutathione reductase activity in rat tissues in vivo and in isolated rat hepatocytes.

Bradykinin and inositol 1,4,5-trisphosphate-stimulated calcium release from intracellular stores in cultured bovine endothelial cells.

Effects of metabolic inhibitors and incubation temperature on the saturable uptake of propranolol by isolated rat lung tissue.

Differential effects of osmotic pressure on mitochondrial respiratory chain and indices of oxidative phosphorylation.

Metabolic activation and nucleic acid binding of acetaminophen and related arylamine substrates by the respiratory burst of human granulocytes.

Site-directed inactivation of human lung acidic glutathione S-transferase by 1-chloro-2,4-dinitrobenzene in the absence of glutathione.

Effects of 2,4-dinitrophenol and anoxia on the inorganic-pyrophosphate content of the spadix of *Arum maculatum* and the root apices of *Pisum sativum*.

Effects of hypoxic hypoxia and reoxygenation on H₂O₂ production in rat brain in vivo.

Benzoyl peroxide interaction with mitochondria: inhibition of respiration and induction of rapid, large-amplitude swelling.

Mitochondrial porin regulates the sensitivity of anion carriers to inhibitors.

Iron stimulation of free radical-mediated porphyrinogen oxidation by hepatic and renal mitochondria.

Uptake of CD-349 and nitrendipine into bovine intrapulmonary artery and vein.

Preparation of diastereomeric beta-d-glucuronides of the bronchodilator procaterol using immobilized rabbit liver microsomal enzymes.

Non-mitochondrial calcium ion regulation in rat ventricular myocytes.

Activation of the food-derived mutagen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine by rabbit and human liver microsomes and purified forms of cytochrome P-450.

Rat lung glucose metabolism after 24 h of exposure to 100% oxygen.

Genotoxic effects of paraquat and diquat evaluated by sister-chromatid exchange, chromosomal aberration and cell-cycle rate.

Intestinal maturation: characterization of mitochondrial calcium transport in the rat.

Efficiency of respirator canisters with methyl bromide.

Metabolism of transplacental carcinogens.

Cationic polyelectrolytes: potent opsonic agents which activate the respiratory burst in leukocytes.

Adhering lung macrophages produce superoxide demonstrated with desferal-Mn(IV).

Dimethylthiourea prevents hydrogen peroxide and neutrophil mediated damage to lung endothelial cells in vitro and disappears in the process.

Sodium-azide-evoked noradrenaline and catecholamine release from peripheral sympathetic nerves and chromaffin cells.

H₂O₂ and cGMP may function as an O₂ sensor in the pulmonary artery.

Membrane oxidative metabolism of human eosinophilic cell line EoL-1 in response to phorbol diester and formyl peptide: synergistic augmentation by interferon-gamma and tumor necrosis factor.

Neonatal paraquat poisoning: a case report.

Pulmonary fibrosis following paraquat poisoning.

Influence of bipyridylum compounds on microsomal mixed-function oxidation activities.

Effect of paraquat on lung calcium transport.

Current perspectives on clinical and experimental single lung transplantation.

Brain damage due to paraquat poisoning: a fatal case with neuropathological examination of the brain.

Radiotherapy for the treatment of pulmonary complications of paraquat poisoning.

Prolonged, intravenous paraquat infusion in the rat. II. Paraquat-induced alterations in lung polyamine metabolism.

Early radiotherapy in the treatment of paraquat poisoning.

[Immunohistochemical study of alveolar epithelium in paraquat poisoning].

Pulmonary effects of repeated exposures to paraquat aerosol in guinea pigs.

Paraquat poisoning: biological presentation.

Pathobiological effects of acrolein in cultured human bronchial epithelial cells.

Changes in elastic-related fibers in the human paraquat lung.

Alveolar cell carcinoma in a cook.

Synthetic smoke with acrolein but not HCl produces pulmonary edema.

Ultrastructure of canine lung during the proliferative phase of paraquat toxicity.

Adverse effects of (15S)-15-methyl-prostaglandin E1 in normal and paraquat-exposed rats.

Limited dermal ossification: a case report.

Toxicokinetics of paraquat through the heart-lung block. Six cases of acute human poisoning.

N-acetylcysteine in paraquat toxicity: toxicological and histological evaluation in rats.

Pulmonary elastic fiber degradation in paraquat toxicity. An electron microscopic immunohistochemical study.

[Failure of chemotherapy and radiotherapy in pulmonary fibrosis caused by paraquat].

Immune-mediated glomerulonephritis after exposure to paraquat.

Evaluation of monoclonal antibody against human pulmonary surfactant apoprotein.

[Pathomorphology of lung changes caused by gramoxone poisoning. Human pathologic and animal experimental studies].

Effects of methylprednisolone on acute lung paraquat toxicity in sheep.

Effects of Gramoxone-induced reactive oxygen radicals on eicosanoid synthesis of mouse lung.

Protective role of sulfhydryl reagents in oxidant lung injury.

The effect of paraquat lung on mononuclear cells.

Respiratory chain inhibitors slow gluconeogenesis.

Prolonged, intravenous paraquat infusion in the rat. I. Failure of coinfused putrescine to attenuate pulmonary paraquat uptake, paraquat-induced biochemical changes, or lung injury.

Protective effect of alpha-human atrial natriuretic polypeptide (alpha-hANP) on chemical-induced pulmonary edema.

[The phenomenon of the accumulation of biological and nonbiological corpuscular particles in mammalian lungs].

DNA damage in stomach, kidney, liver and lung of rats treated with atrazine.

Urinary atrazine metabolites as indicators for rat and human exposure to atrazine.

Pulmonary indoleamine 2,3-dioxygenase activity and its significance in the response of rats, mice, and rabbits to oxidative stress.

Molecular basis for resistance to antimycin and diuron, Q-cycle inhibitors acting at the Qi site in the mitochondrial ubiquinol-cytochrome c reductase in *Saccharomyces cerevisiae*.

Toxicokinetics and bioavailability of paraquat in rats following different routes of administration.

The accumulation and localisation of putrescine, spermidine, spermine and paraquat in the rat lung. In vitro and in vivo studies.

Spontaneous lung chemiluminescence upon paraquat administration.

Adult rat lung in dynamic organ culture: a new tool in pharmacology.

Low level chemiluminescence from isolated rat hepatocytes, intact lung and intestine in situ.

Effect of aerosol challenge with sensitising antigen on the permeability of the surface of the rat trachea in life.

Altered production of the active oxygen species is involved in enhanced cytotoxic action of acylated derivatives of ascorbate to tumor cells.

Fibronectin: source of mannose in a highly purified respiratory mucin.

[Respiratory distress syndrome in a case of ferrous sulfate poisoning].

Enzyme-linked immunosorbent assay of core antigens for clinical diagnosis of influenza.

Degrading process of acute ischemic myocardial cells.

Catalase prevents increased lung vascular permeability during air emboli in unanesthetized sheep.

The effect of iron therapy on the exercise capacity of nonanemic iron-deficient adolescent runners.

Effect of catalase on endotoxin-induced acute lung injury in unanesthetized sheep.

Altered elastin and collagen synthesis associated with progressive pulmonary hypertension induced by monocrotaline. A biochemical and ultrastructural study.

Abnormal methylation capacity in human liver cirrhosis.

Mortality among California highway workers.

Farming and exposure to chemicals in male lung cancer patients and their siblings.

Synthesis of ¹¹C-methylated inulin as a radiopharmaceutical for imaging brain edema and pulmonary edema.

The activator protein for glucosylceramide beta-glucosidase from guinea pig liver. Improved isolation method and complete amino acid sequence.

Assessment of the relative hazard involved with airborne irritants with additional hepatotoxic or nephrotoxic properties in mice.

Hydroperoxide metabolism of amphibia: tissue catalases of leopard frogs.

Xenopus spermatozoon: is there any correlation between motility and oxygen consumption?

Alkane production by isolated rat heart and lung.

Central respiratory inhibition by angiotensin II in anesthetized cats.

Metabolism of round spermatids: gossypol induces uncoupling of respiratory chain and oxidative phosphorylation.

Isolation and characterization of two beta-type cardiac myosin in the canine atrium.

The effect of molecular weight/lipophilicity on clearance of organic compounds from lungs.

Teratogenic effects of nitrofen on cellular and functional maturation of the rat lung.

Unexpected stimulation of mitochondrial ADP-ribosylation by cyanide.

Crystal violet as an uncoupler of oxidative phosphorylation in rat liver mitochondria.

Factors regulating activation and DNA alkylation by 4-(N-methyl-N-nitrosamino)-1-(3-pyridyl)-1-butanone and nitrosodimethylamine in rat lung and isolated lung cells, and the relationship to carcinogenicity.

Modulation of the in vitro candidacidal activity of human neutrophil defensins by target cell metabolism and divalent cations.

Role of transferrin and ceruloplasmin in antioxidant activity of lung epithelial lining fluid.

A highly sensitive gas chromatographic method does not detect exhalation of volatile hydrocarbons from isolated ventilated lungs under massive peroxidative stress.

Respiratory Properties of Mitochondria from Rice Seedlings Germinated under Water and Their Changes during Air Adaptation.

Effects of piperine on bioenergetic functions of isolated rat liver mitochondria.

Application of linear integration in the morphometric study of mild and severe pulmonary alveolar injury.

CO₂ production of the chick embryo during the first day of post-laying development.

Regulation of human basophil and lung mast cell function by cyclic adenosine monophosphate.

Cardiac transplantation in a Jehovah's witness.

Comparison of the action of epinephrine and a respiratory chain uncoupler, 2,4-dinitrophenol, on Ca²⁺-mobilization in isolated hepatocytes and perfused livers.

Antigenic contraction of guinea pig tracheal preparations passively sensitized with monoclonal IgE: pharmacological modulation.

Effects of arachidonic acid on respiratory activities in isolated brain mitochondria.

[Inhibition of mitochondrial respiration by mepivacaine].

The pathologic and immunologic effects of inhaled acrolein in rats.

Acute sensitivity of BHT-induced alveolar toxicity to a diquat challenge in murine lungs.

Recovery after radiotherapy from severe interstitial pneumonia due to paraquat poisoning.

Effect of paraquat on plasma fibronectin, serum free hydroxyproline, serum ceruloplasmin and lung collagen content in monkeys.

Lung fibrosis induced by diquat after intratracheal administration.

[Paraquat-induced pulmonary fibrosis].

Eighty-five day postexposure follow-up study in Fischer 344 rats after repeated exposures to methyl isocyanate vapor.

Paraquat (gramoxone) poisoning in south-west Hungary, 1977-1984. Toxicological and histopathological aspects of group intoxication cases.

Specific polyclonal and monoclonal antibody prevents paraquat accumulation into rat lung slices.

[Low-dose radiotherapy of pulmonary complications resulting from paraquat intoxication: report of a case].

[An ultrastructural study of paraquat-induced intra-alveolar fibrosis of the lung].

Concentration-dependent respiratory response of guinea pigs to paraquat aerosol.

Quantifiable morphologic evaluation of paraquat pulmonary toxicity in rats.

Worker exposure to a herbicide applied with ground sprayers in the United Kingdom.

[Therapy of paraquat poisoning].

Paraquat lung: is there a role for radiotherapy?

Paraquat poisoning: the rationale for current treatment regimes.

Unilateral paraquat-induced lung fibrosis: evolution of changes in lung fibronectin and collagen after graded degrees of lung injury.

[Studies of lung damage by paraquat. 2. Effect of vitamin E on acute lung damage caused by paraquat].

Lung hydrolases in paraquat poisoning: early response of alkaline phosphatase.

Repeated hemoperfusion and continuous arteriovenous hemofiltration in a paraquat poisoned patient.

[Clinico-experimental research on acute isoproterenol poisoning in sheep].

[Toxic environmental factors in sudden infant death (SIDS)].

Elimination of paraquat.

Paraquat poisoning: clinical features and immediate general management.

Mechanism of paraquat toxicity in lung and its relevance to treatment.

The search for ideal antidote treatment in Gramoxone intoxication.

Evidence that the flux control coefficient of the respiratory chain is high during gluconeogenesis from lactate in hepatocytes from starved rats. Implications for the hormonal control of gluconeogenesis and action of hypoglycaemic agents.

Elimination kinetics of ethanol and acetaldehyde in healthy men during the calcium carbimide-alcohol flush reaction.

Effects of irritant gases on avoidance/escape performance and respiratory response of the baboon.

Putrescine and 5-hydroxytryptamine accumulation in rat lung slices: cellular localization and responses to cell-specific lung injury.

Hyperoxia increases H₂O₂ production by brain in vivo.

Stimulation of cyclophosphamide-induced pulmonary microsomal lipid peroxidation by oxygen.

Determination of paraquat in tissue using ion-pair chromatography in conjunction with spectrophotometry.

Uptake, efflux and metabolism of the polyamine putrescine in rabbit lung slices.

Glucagon treatment of rats activates the respiratory chain of liver mitochondria at more than one site.

The role of acrolein in allyl alcohol-induced lipid peroxidation and liver cell damage in mice.

Inhibition of rat lung S-adenosylmethionine decarboxylase by N,N'-dimethyl-4,4'-dipyridyl dichloride (paraquat).

Effects of paraquat on mitochondria of rat skeletal muscle.

Mechanisms of mitochondrial photosensitization by the cationic dye, N,N-bis(2-ethyl-1,3-dioxylene)kryptocyanine (EDKC): preferential inactivation of complex I in the electron transport chain.

Biosynthesis and degradation of collagen in X-irradiated mouse lung.

Recognition of a purified Mr-40,000 organ-specific immunogen of human lung cancer by class II-restricted T-cells.

Effects of hypoxia, 2,4-dinitrophenol and ouabain on twitch potentiation elicited following conditioning pulses in the mouse phrenic nerve-diaphragm preparation.

Fungicidal activity of human neutrophils and monocytes on dermatophyte fungi, *Trichophyton quinckeanum* and *Trichophyton rubrum*.

Pulmonary interstitial fibrosis induced in hapten-immune hamsters.

Glycolytic activity and enhancement of serotonin uptake by endothelial cells exposed to hypoxia/anoxia.

The effect of arsenic on urethan-induced adenoma formation in Swiss mice.

[Relation between glutamate and adenine nucleotide levels of heart mitochondria during hypoxia].

Apparent effect of catalase on airway edema in guinea pigs. Role of endotoxin contamination.

Role of phospholipase in the genesis of doxorubicin-induced cardiomyopathy in rats.

Urinary chlorophenols in sawmill workers.

A canine model for the study of hapten-specific suppression of IgE-mediated bronchoconstriction and anaphylaxis.

[Dynamic aspects of mineral metabolism in dry cows, puerperants and calves].

Antineoplastic activity of azacarbazoles. II. Effect of alpha-carboline and its derivatives on transplantable animal neoplasms.

Keynote lecture. Etiologic insights from cancer mapping.

Pesticides and cancer risks in agriculture.

[Acute lung failure--a critical analysis].

Suicidal sodium azide ingestion.

Enhancement of mitochondrial oxidative phosphorylation capability by hypoperfusion in isolated perfused rat heart.

Respiratory enzymes of *Thiobacillus ferrooxidans*. A kinetic study of electron transfer between iron and rusticyanin in sulfate media.

Metabolism and excretion of gallium arsenide and arsenic oxides by hamsters following intratracheal instillation.

4-Chloro-4'-biphenylol as an uncoupler and an inhibitor of mitochondrial oxidative phosphorylation.

Rat hepatic mitochondria are more sensitive to allyl alcohol than are those of mice.

Thermal degradation products from an ethylene methacrylic acid copolymer-partial metal salt as the cause of industrial bronchitis.

[Emotional behavior disorders in rats during the formation of a generator of pathologically enhanced excitation in the basomedial nuclei of the amygdaloid complex].

Chemiluminescence detection of H₂O₂ produced by human neutrophils during the respiratory burst.

Evidence for the existence of three chick lung tropoelastins.

Liposome-mediated augmentation of catalase in alveolar type II cells protects against H₂O₂ injury.

Comparison of the acute toxicity of endothal and cantharidic acid on mouse liver in vivo.

Oxidative metabolism in guinea pig ventricular myocytes protected from proteolytic enzyme activity.

Effect of allyl alcohol-induced sublethal hepatic damage upon doxorubicin metabolism and toxicity in the rabbit.

Effect of metabolic inhibitors on platelet attachment, spreading and aggregation on collagen-coated surfaces.

Ultrastructural changes in the respiratory tract of rats following methyl isocyanate inhalation.

Species-dependent expression and induction of homologues of rabbit cytochrome P-450 isozyme 5 in liver and lung.

Bioactivation of MPTP: reactive metabolites and possible biochemical sequelae.

Induction of Fertilization Membrane Formation and Cyanide-insensitive Respiration in Sea Urchin Eggs by the Treatment with Dimethylsulfoxide Followed by an Incubation in an Ice Bath (dimethylsulfoxide/sea urchin egg/fertilization membrane/respiration/verapamil).

Induction of respiratory deficiency in yeast by salts of chromium, arsenic, cobalt and lead.

Combinations of mesna with cyclophosphamide or adriamycin in the treatment of mice with tumors.

Inability of a human lung tumour cell line (A549) to detect chemically induced organ-specific toxicity to the lung.

Pathobiological effects of aldehydes in cultured human bronchial cells.

Output of bacterial metabolites as a diagnostic means.

Toluene metabolism during exposure to varying concentrations combined with exercise.

[Mitochondrial oxidative phosphorylation in the rat kidney during the perinatal period].

[Action of a dental anesthetic on cell respiration].

Physiological, anatomic and behavioural changes in the respiratory system of *Salmo gairdneri* Rich. On acute and chronic exposure to chlorothalonil.

Protection against paraquat-induced injury by exogenous GSH in pulmonary alveolar type II cells.

Mechanism of nitrofen teratogenesis.

Acute effect of paraquat on lung fluid balance and prostanoid production in awake sheep.

Correlated biochemical and ultrastructural studies on the lung in isolated and combined acute treatment with ethanol and paraquat.

Oxygenation during ventilation by high-frequency oscillation in dogs with acute lung injury.

Failure of radiotherapy to reverse progressive pulmonary fibrosis caused by paraquat.

Glucose ameliorates the depletion of NADPH by paraquat in rat lung slices.

Follow-up chest radiographs in Vietnam veterans: are they useful?

[Effect of "huoxue huayu" injections on pulmonary pathological changes caused by paraquat in the rat].

Severe acute oxidant exposure: morphological damage and aerobic metabolism in the lung.

[Observations on paraquat lung during the recovery course by X-ray CT (three-window method)].

Pharmacokinetic profile of paraquat following intravenous administration to the rabbit.

The corrected collagen content in paraquat lungs.

Effects of phenoxyacetic acids on the induction of chromosome aberrations in vitro and in vivo.

Effects of acrolein on macrophage functions in rats.

Health effects of phenoxy herbicides. A review.

Potential impact of selected agricultural chemical contaminants on a northern prairie wetland: A microcosm evaluation.

The impact of inhaled acrolein on hypertension-sensitive and resistant rats.

Further studies of lipid peroxidation in human paraquat poisoning.

[Histopathological analysis of pulmonary findings of 40 autopsy cases in paraquat poisoning].

Similarity of isozyme pattern of serum lactate dehydrogenase following treatments with O,O,S-trimethyl phosphorothioate and paraquat.

Morphological and biochemical correlates of chemical induced injury in the lung. A discussion.

Management of acute childhood poisonings caused by selected insecticides and herbicides.

Influence of lipid peroxidation on beta-adrenoceptors.

Effects of paraquat on macromolecule synthesis in cultured pneumocytes.

Changes in lung tissue and lavage fibronectin after paraquat injury in rats.

Mortality and lung histopathology after inhalation lung injury. The effect of corticosteroids.

Pseudomembranous colitis in a patient of paraquat intoxication.

Chronic progredient diffuse alveolar damage probably related to exposure to herbicides.

The toxic effect of diquat on the rat lung after intratracheal administration.

[Lung damage caused by paraquat. 1. Histologic, histochemical and pathophysiologic findings in rat lungs following acute paraquat poisoning].

Effects of ascorbic acid in vivo on the fatty acid composition of the tissues of mice treated with Gramoxone.

Elimination of paraquat.

Age-dependent resistance to the toxic effects of paraquat in relation to superoxide dismutase activity in rat lung.

Paraquat-induced neutrophil alveolitis: reduction of the inflammatory response by pretreatment with endotoxin and hyperoxia.

Effects on the fetus of maternal nitrofen exposure in the protein-deprived rat.

The response of the lung to foreign compounds that produce free radicals.

Effect of diquat on cell growth and macromolecule synthesis in cultured pneumocytes.

[Ultrastructural changes on the alveolar surface in experimental respiratory distress syndrome with emphasis on the detection of surfactants].

Bacterial infection and acute lung injury in hamsters.

Drug-alcohol flush reaction and breath acetaldehyde concentration: no interference with an infrared breath alcohol analyzer.

Histamine action in paraquat-induced lung injury.

[Oxidative processes in the lung tissue in respiratory failure].

[Changes in the content and activity of liver and lung microsomal enzymes in experimental pneumonia and their possible correction].

Alteration of the redox state of NADPH and glutathione in perfused rabbit lung by paraquat.

DNA sequence analysis of diuron-resistant mutations in the mitochondrial cytochrome b gene of *Saccharomyces cerevisiae*.

Antioxidant defense mechanisms of endothelial cells: glutathione redox cycle versus catalase.

Energy-dependent uptake of N-methyl-4-phenylpyridinium, the neurotoxic metabolite of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine, by mitochondria.

[Pentachlorophenol inhibition of succinate oxidation by the respiratory chain in submitochondrial particles from the bovine heart].

Fumarate reductase and other mitochondrial activities in *Trypanosoma cruzi*.

Paraquat uptake into freshly isolated rabbit lung epithelial cells and its reduction to the paraquat radical under anaerobic conditions.

Altered lung function and structure in the rat after subchronic exposure to acrolein.

The metabolism of xenobiotics by certain extrahepatic organs and its relation to toxicity.

Bipyridylum herbicide toxicity in vitro: comparative study of the cytotoxicity of paraquat and diquat toward the pulmonary alveolar macrophage.

Ventilatory impairment from pre-harvest retted flax.

O₂ metabolites and neutrophil elastase synergistically cause edematous injury in isolated rat lungs.

Methyl isocyanate subchronic vapor inhalation studies with Fischer 344 rats.

Strain differences in response of Sprague-Dawley and Long Evans Hooded rats to the teratogen nitrofen.

Effects of prenatal nitrofen exposure on cardiac structure and function in the rat.

Lanthanum penetration of the trachea after the immediate response of sensitized rats to aerosol antigen.

Tumor killing by human alveolar macrophages and blood monocytes. Decreased cytotoxicity of human alveolar macrophages.

Oxygen consumption in *Plasmodium berghei*-infected murine red cells: a direct spectrophotometric assay in intact erythrocytes.

[Pneumonitis with fatal pulmonary fibrosis (Hamman-Rich syndrome) due to parathion-(E-605-) poisoning].

Mediation of IgA induced lung injury in the rat. Role of macrophages and reactive oxygen products.

1-Methyl-4-phenylpyridine (MPP⁺) induces oxidative stress in the rodent.

Lung neoplasms in rodents after chronic administration of dimethyl hydrogen phosphite.

Use of the oxidase electrode to determine tumor cell metabolism of peroxide.

A case of fatal sodium azide ingestion.

Liver histology in chronic metribuzin poisoning of the guinea-pig.

Relationship of alterations in energy metabolism to hypophagia in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Occurrence of drug reactions].

Cell number and size in selected organs of fetuses of rats malnourished and exposed to nitrofen.

Possible ethnic difference in toluene metabolism: a comparative study among Chinese, Turkish and Japanese solvent workers.

A quantitative evaluation of the extent of inner mitochondrial membrane destruction after freezing-thawing based on functional studies.

Respiration in Eggs of the Echiuroid, *Urechis unicinctus*, Before and After Fertilization: echiuroid eggs/fertilization/respiration/redox dyes/uncoupler of oxidative phosphorylation.

The cytochrome P-450 monooxygenase system of rabbit lung enzyme components, activities, and induction in the nonciliated bronchiolar epithelial (Clara) cell, alveolar type II cell, and alveolar macrophage.

Rat lung microsomal lipid peroxidation: effects of vitamin E and reduced glutathione.

In vivo and in vitro evaluations of spermatotoxicity induced by 2-ethoxyethanol treatment.

N-alkylaminobenzotriazoles as isozyme-selective suicide inhibitors of rabbit pulmonary microsomal cytochrome P-450.

The action of mouse liver and lung homogenates on the ESR signal of a spin-labelled antiviral compound.

Ah receptor mediating induction of aryl hydrocarbon hydroxylase: detection in human lung by binding of 2,3,7,8-[3H]tetrachlorodibenzo-p-dioxin.

Metabolic inhibitors block anaphase A in vivo.

The glutathione redox cycle as a defense system against hydrogen-peroxide-induced prostanoid formation and vasoconstriction in rabbit lungs.

Evidence that the development of hepatic fatty acid oxidation at birth in the rat is concomitant with an increased intramitochondrial CoA concentration.

Tissue-specific expression of the mouse dioxin-inducible P(1)450 and P(3)450 genes: differential transcriptional activation and mRNA stability in liver and extrahepatic tissues.

Arsenic levels in blood, urine, and hair of workers applying monosodium methanearsonate (MSMA).

The effects of inhalation of organic chemical air contaminants on murine lung host defenses.

Pyruvate metabolism of perfused rat lungs after exposure to 100% oxygen.

The effect of substrate on the expression of activity catalyzed by cytochrome P-450: metabolism mediated by rabbit isozyme 6 in pulmonary microsomal and reconstituted monooxygenase systems.

Influence of pulmonary blood flow and O₂ flux on DO₂ in avian lungs.

Airborne arsenic and urinary excretion of metabolites of inorganic arsenic among smelter workers.

Relevance of gas and particulate phases of tobacco smoke for lung cancer formation: an experimental study in Syrian golden hamsters.

Iron-induced peroxidative injury to isolated rat hepatic mitochondria.

Characterization and control of cytosolic binding proteins for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the rat lung.

Studies on cytochrome-c oxidase, XIII. Amino-acid sequence of the small membrane polypeptide VIIIc from bovine heart respiratory complex IV.

Respiratory adjustments of the unanaesthetized chicken, *Gallus domesticus*, to elevated metabolism elicited by 2,4-dinitrophenol or cold exposure.

Species comparison of drug absorption from the lung after aerosol inhalation or intratracheal injection.

Paraquat toxicity.

Cardio-respiratory effects of paraquat with and without emetics on Wistar rats.

The duration of the pulmonary paraquat toxicity--enhancement effect of O₂ in the rat.

Pulmonary dysfunction during paraquat-induced lung injury: a model of acute alveolar injury.

A new model of diffuse interstitial pulmonary fibrosis in the rat.

Lung irradiation for paraquat toxicity.

A cautionary note on the resolution of paraquat lung damage after radiotherapy.

Stimulation and inhibition of DNA synthesis and cell growth by paraquat in cultured cells.

Mitochondrial injury of pulmonary alveolar epithelial cells in acute paraquat intoxication.

A follow-up study of cancer incidence among workers in manufacture of phenoxy herbicides in Denmark.

Systematically applied chemicals that damage lung tissue.

Sequential bilateral lung transplantation for paraquat poisoning. A case report. The Toronto Lung Transplant group.

[Oxygen therapy in toxic pulmonary edema of various etiologies (review of the literature)].

The postnatal effects of prenatal exposure to low doses of nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether) in Sprague-Dawley rats.

[The development of pulmonary hypertension in lung fibrosis: a morphometric analysis of pulmonary arteries in 21 cases of paraquat intoxication].

Recovery from paraquat pneumonitis.

Lipid peroxidation in human paraquat poisoning.

Steroid pretreatment does not prevent paraquat pneumonitis in rabbits.

Changes in rat lung structure and composition as a result of subchronic exposure to acrolein.

Increased plasma paraquat levels in intoxicated mice following antiparaquat F(ab')₂ treatment.

[Morphology of a paraquat poisoning].

Complete recovery from paraquat poisoning causing severe unilateral pulmonary lesion.

[Morphometric analysis of the disorganization process of the alveolar structures in paraquat toxicity].

Direct toxic effects of paraquat and oxygen on cultured endothelial cells.

Oxidant lung injury: intervention with sulfhydryl reagents.

A critical review of the literature on acrolein toxicity.

Health hazards of natural and introduced chemical components of boatbuilding woods.

Pathogenesis of acute and chronic lung injury induced by foreign compounds.

Mechanisms of tobacco smoke toxicity on pulmonary macrophage cells.

Protective action of sulfur compounds against aldehyde toxicants of cigarette smoke.

[Decrease in the respiration rate in mice as an indicator of the irritating effects of chemical substances on the upper respiratory tract].

Failure of desferrioxamine to modify the toxicity of paraquat in rats.

Paraquat toxicity in vitro. I. Pulmonary alveolar macrophages.

In vivo redox changes in some organs in response to Gramoxone.

Effects of Gramoxone and cooling on the antioxidant enzymes of frog (*Rana esculenta*).

The role of respiratory chain in paraquat toxicity in yeast.

The role of neutrophils in the development of cadmium chloride-induced emphysema in lathyrogen-fed hamsters.

Patterns of pulmonary structural remodeling after experimental paraquat toxicity. The morphogenesis of intraalveolar fibrosis.

Protective effects of trifluralin on benzo(a)pyrene-induced tumors in A/J mice.

Lung surfactant and pulmonary toxicology.

Interaction of paraquat and amine uptake by rat lungs perfused in situ.

Selenium deficiency potentiates paraquat-induced lipid peroxidation in isolated perfused rat lung.

Sensitivity of oligomycin-inhibited respiration of isolated rat liver mitochondria to perfluidone, a fluorinated arylalkylsulfonamide.

Fe²⁺-supported in vivo lipid peroxidation induced by compounds undergoing redox cycling.

Metabolic activation of 2-methylfuran by rat microsomal systems.

Procedure for the determination of 2,4-D and dicamba in inhalation, dermal, hand-wash, and urine samples from spray applicators.

Cyclophosphamide-induced depression of the antioxidant defense mechanisms of the lung.

The pulmonary uptake, accumulation, and metabolism of xenobiotics.

Selective killing of respiratory sufficient yeast cells by paraquat.

Formaldehyde exposure and respiratory and related cancers. A case-referent study among Finnish woodworkers.

Respiratory effects of borax dust.

Surface functions during mitosis in rat basophilic leukemia cells.

Membrane and cytoskeletal changes associated with IgE-mediated serotonin release from rat basophilic leukemia cells.

Two CEA and three NCA species, although distinguishable by monoclonal antibodies, have nearly identical peptide patterns.

Influence of vagal activity on the neonatal ventilatory response to hypoxemia.

Effects of toxic chemicals on the respiratory activity of cultured mouse neuroblastoma cells.

The mortality of boot and shoe makers, with special reference to cancer.

[Adult respiratory distress syndrome and arsenic poisoning caused by Fowler's solution].

Effect of dextran sulfate on the survival time and mitochondrial function of Adriamycin (doxorubicin)-treated mice.

Respiratory functional changes on intratracheal challenge of sensitized rats.

The effect of various aldehydes on the respiration of rat liver and hepatoma AH-130 cells.

[Initiated chemiluminescence of surface-active substances in the lungs and blood serum].

Carcinogenicity study in rats with a mixture of eleven volatile halogenated hydrocarbon drinking water contaminants.

Cytotoxicity, thiol depletion and inhibition of O⁶-methylguanine-DNA methyltransferase by various aldehydes in cultured human bronchial fibroblasts.

Effects of idebenone (CV-2619) and its metabolites on respiratory activity and lipid peroxidation in brain mitochondria from rats and dogs.

NTP Toxicology and Carcinogenesis Studies of Dimethyl Hydrogen Phosphite (CAS No. 868-85-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Inhibition of mitochondrial respiration by asteltoxin, a respiratory toxin from *Emericella variecolor*.

Studies on the effects of copper deficiency on rat liver mitochondria. II. Effects on oxidative phosphorylation.

Effect of vapor concentration on the disposition of inhaled 2,3-dichloropropene in Fischer-344 rats.

Calcium secretion in canine tracheal mucosa.

Redox-dependent activation of 5'-nucleotidase in rat liver plasma membranes.

Leukotriene production in rat peritoneal leukocytes requires intact energy metabolism.

Effects of guanethidine on electron transport and proton movements in rat heart, brain and liver mitochondria.

Blue Light-Reducible Cytochromes in Membrane Fractions from *Neurospora crassa*.

Metabolism of 2-acetylaminofluorene in isolated rabbit pulmonary cells. Evidence for the heterogeneous distribution of monooxygenase activity in lung tissue.

Sensory irritation response to inhaled aldehydes after formaldehyde pretreatment.

Sublethal effects of simulated pulp mill effluents on the respiration and energy metabolism of rainbow trout (*Salmo gairdneri*).

Degradation of peptides and proteins of different sizes by homogenates of human MRC5 lung fibroblasts. Aged cells have a decreased ability to degrade shortened proteins.

Effects of air temperatures and humidities on efficiencies and lifetimes of air-purifying chemical respirator cartridges tested against methyl iodide.

Cyanide and sulfide interact with nitrogenous compounds to influence the relaxation of various smooth muscles.

Induction of thermotolerance and heat shock protein synthesis in normal and respiration-deficient chick embryo fibroblasts.

Carcinogenicity of diallylnitrosamine following intragastric administration to Syrian hamsters.

Influence of cyclosporin A on the respiration of isolated rat kidney mitochondria.

Dual action of respiratory inhibitors: inhibition of germination and prevention of dormancy induction in lettuce seeds.

Disposition of [¹⁴C]methyl bromide in rats after inhalation.

Respiration and energy conservation in the filarial worm *Litomosoides carinii*.

In vivo and in vitro metabolism of 2,4-dinitrotoluene in strain A mice.

[Effect of metabolic inhibitors on formed novocaine and neutral red segregation zones in frog erythrocytes].

Evidence for a role of the amino-terminal region in the biological activity of the classical anaphylatoxin, porcine C5a des-Arg-74.

Evidence for the occurrence of respiratory electron transport in adult *Brugia pahangi* and *Dipetalonema viteae*.

Pharmacokinetic analysis of potassium cyanate in mice using whole blood and expired air.

Effect of various agents and conditions on palmitate oxidation by homogenates of rat liver and rat and human skeletal muscle.

Determination of acute toxic effects in mice following exposure to methyl bromide.

Aminopyrine breath test and zonal hepatic damage in rats.

[Paraquat poisoning in the Netherlands, 1972-1982].

[Roentgenologic structure changes in the lung following paraquat poisoning].

A literature review of paraquat toxicity.

Recovery from severe pulmonary damage due to paraquat administered intravenously and orally.

Ascorbic acid nutritional status does not affect the biochemical response to paraquat.

Paraquat poisoning.

Experimental paraquat poisoning--histological, electron microscopic and autoradiographic changes in the lung.

Paraquat toxicity. The use of hypoxic ventilation.

Paraquat ingestion.

Potential of paraquat lethality in mice by bacterial lipopolysaccharide pretreatment.

Radiotherapy for paraquat lung toxicity.

Lung morphology in experimental acute paraquat poisoning. SEM observations.

Tissue slices in the study of lung metabolism and toxicology.

Human health effects of 2,4,5-T and its toxic contaminants.

Selected responses of hypertension-sensitive and resistant rats to inhaled acrolein.

Acute toxic effects of paraquat on ultrastructure of rat liver.

Collagen stimulating factors from lung in experimental paraquat poisoning demonstrated in vitro and in vivo.

Resolution after radiotherapy of severe pulmonary damage due to paraquat poisoning.

Glutathione status of isolated rabbit lungs. Effects of nitrofurantoin and paraquat perfusion with normoxic and hyperoxic ventilation.

Sensory irritation and pulmonary irritation by airborne allyl acetate, allyl alcohol, and allyl ether compared to acrolein.

Paraquat: model for oxidant-initiated toxicity.

Ready evaluation of lung alveolar toxic damage with histological sections morphometry.

Adenocarcinoma of the lung in Vietnam veterans younger than 35 years.

Single lung transplantation in paraquat intoxication.

Pathogenesis of paraquat-induced pulmonary hemorrhage in hamsters with special reference to arterial constriction.

[Mechanical properties of the lung in paraquat-poisoned rats. Histopathologic correlates].

Paraquat-induced pulmonary fibrosis. Role of the alveolitis in modulating the development of fibrosis.

Tobacco smoke in the workplace: an occupational health hazard.

Lipid metabolism in rabbits exposed to paraquat aerosol.

Release of amino-terminal procollagen peptides in paraquat-induced acute pulmonary fibrosis.

[Changes in the lung tissue of newborn rats after paraquat as a model of respiratory distress].

Transmembrane potential of liver mitochondria from hexachlorobenzene- and iron-treated rats.

Mitochondrial bioenergetics during exposure of rats to perfluidone, a fluorinated arylalkylsulphonamide.

Hyperoxia and paraquat alter the kinetics of platelet serotonin uptake.

A reinvestigation of the usefulness of breath analysis in the determination of blood acetaldehyde concentrations.

Paraquat and putrescine uptake by lung slices of fetal and newborn rats.

Organ and cellular distribution of inhaled metallic mercury in the rat and Marmoset monkey (*Callithrix jacchus*): influence of ethyl alcohol pretreatment.

Selective inactivation of rat lung and liver microsomal NADPH-cytochrome c reductase by acrolein.

Paraquat-induced injury of type II alveolar cells. An in vitro model of oxidant injury.

Disposition of some sulphur-containing hexachlorobenzene (HCB) metabolites: affinity of methylsulphonylpentachlorobenzene for the gray matter of brain, the lungs and the adrenal zona reticularis.

The effect of paraquat on the in vitro activity of cytosol, mitochondrial and microsomal enzyme systems.

Occupational exposure of herbicide applicators to herbicides used along electric power transmission line right-of-way.

In vivo effects of 3-methylcholanthrene, phenobarbital, pyrethrum and 2,4,5-T isooctylester on liver, lung and kidney microsomal mixed-function oxidase system of guinea-pig: a comparative study.

Hepatic angiosarcoma and bronchioloalveolar carcinoma induced by Fowler's solution.

Role of acidosis in early contractile dysfunction during ischemia: evidence from pH_o measurements.

The cromolyn binding protein constitutes the Ca²⁺ channel of basophils opening upon immunological stimulus.

Pharmacologic and genetic studies on the modulatory effects of butylated hydroxytoluene on mouse lung adenoma formation.

The influence of liver disease on the methylation of arsenite in humans.

The pharmacological profile of the thromboxane A₂ antagonist BM 13.177. A new anti-platelet and anti-thrombotic drug.

Acute lung injury in rat caused by immunoglobulin A immune complexes.

[The most common diseases caused by the adverse effect of phenols and chlorophenols].

Ruminal metabolism of plant toxins with emphasis on indolic compounds.

Known occupational carcinogens and their significance.

Characteristics of adenine nucleotide fluxes and transport in human tumor mitochondria.

The differential effects of dimethylnitrosamine and ethionine on mitochondrial and extramitochondrial dehydrogenases in single intact cells.

Acute effects of 12-O-tetradecanoylphorbol-13-acetate, teleocidin B, or 2,3,7,8-tetrachlorodibenzo-p-dioxin on cultured normal human bronchial epithelial cells.

Mortality of workers potentially exposed to organic and inorganic brominated chemicals, DBCP, TRIS, PBB, and DDT.

Experimental study on embryogenesis of congenital diaphragmatic hernia.

Long-term consequences of exposure to ozone. I. Lung collagen content.

Occupational exposure to chlorophenates: toxicology and respiratory effects.

Combined measurement and significance of lipid-bound sialic acid and carcinoembryonic antigen in detection of human cancer.

Cathepsins J and K: high molecular weight cysteine proteinases from human tissues.

Effects of Respiratory Inhibitors on Respiration, ATP Contents, and the Circadian Conidiation Rhythm of *Neurospora crassa*.

Hepatic antioxidant-sensitive respiration. Effect of ethanol, iron and mitochondrial uncoupling.

Peripheral and central actions of sodium azide on circulatory and respiratory homeostasis in anesthetized cats.

Biochemical indices of cyclophosphamide-induced lung toxicity.

Respiration during Postharvest Development of Soursop Fruit, *Annona muricata* L.

Metabolic studies of mammalian cells by ³¹P-NMR using a continuous perfusion technique.

Respiratory tract lesions induced by sensory irritants at the RD50 concentration.

Toxicity evaluation of sub-chronic exposures to cyanogen in monkeys and rats.

Effects of increasing metabolism by 2,4-dinitrophenol on respiration and pulmonary gas exchange in the duck.

Relationships between the flux of lipid metabolism in vivo and the uncoupling of respiratory control.

Magnetometry of ingested particles in pulmonary macrophages.

Spin-trapping of free radicals formed during in vitro and in vivo metabolism of 3-methylindole.

The support of steroid aromatization by mitochondrial metabolic activities of the human placenta.

Sensory irritation structure-activity study of inhaled aldehydes in B6C3F1 and Swiss-Webster mice.

Evidence that the collagen in the culture medium of Chinese hamster lung cells contains components related at the primary structural level to the alpha1(V) collagen chain.

Nippostrongylus brasiliensis: the effect of mitochondrial inhibitors on life-cycle stages.

Respiration in primary cultured cerebellar granule neurons and cerebral cortical neurons.

Metabolism of leukotriene D4 by porcine alveolar macrophages.

Ontogeny of the cytosolic receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver, lung, and thymus.

Differential induction of two 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible forms of cytochrome P-450 in extrahepatic versus hepatic tissues.

Prolonged red cell survival following in vitro treatment with potassium cyanate. A study in patients undergoing open-heart surgery.

Effects of cell swelling on fluid flow across alveolar epithelium.

The isolation and some properties of dairy cow liver mitochondria.

Noninvasive assessment of microsomal enzyme activity in occupational medicine: present state of knowledge and future perspectives.

Nitrofen: a review and perspective.

Fatality due to paraquat intoxication: confirmation by postmortem tissue analysis.

Inhibition of collagen synthesis as a treatment for paraquat poisoning.

[Fatal paraquat poisoning. Presentation of 2 new cases and review of the literature].

The effects on rat pups when nitrofen (4-(2,4-dichlorophenoxy)nitrobenzene) was applied dermally to the dam during organogenesis.

[Fibrotic changes of the lung in ARDS].

[Pathology in firemen].

Malathion and phenthoate carboxylesterase activities in pulmonary alveolar macrophages as indicators of lung injury.

Selective action of prostaglandin F2 alpha during paraquat-induced pulmonary edema in the perfused lung.

Paraquat and marijuana: epidemiologic risk assessment.

Hemoperfusion in a child who ingested diquat and died from pontine infarction and hemorrhage.

[Prognostic factors in acute paraquat poisoning. A retrospective study of cases registered by the Poison Control Center of Paris in 1981].

[Clinical findings and treatment of paraquat poisoning in childhood].

Paraquat poisoning: evidence of systemic toxicity after dermal exposure.

Herbicide exposure and pulmonary disease.

[Deliberate poisoning with paraquat, death in less than 24 hours].

Postnatal evaluation of morphological and functional effects of prenatal exposure to nitrofen in the Long-Evans rat.

[Experimental study on paraquat-induced pneumonitis--therapeutic effects of prednisolone and elastase].

[Hypo-oxygenation in paraquat poisoning. Apropos of 6 cases].

The effects of acrolein exposure on pulmonary antibacterial defenses.

Postnatal developmental alterations following prenatal exposure to the herbicide 2,4-dichlorophenyl-p-nitrophenyl ether: a dose response evaluation in the mouse.

Toxic anti-GBM glomerulonephritis.

Effects of prenatal nitrofen exposure on postnatal lung function in the rat.

Alveolar macrophages versus toxic gases. A controlled in vitro approach.

[The authors' experience in treating acute paraquat poisoning].

Morphological and biochemical studies on liver, kidney and gill of fishes affected by pesticides.

[Pulmonary toxicity of free radicals of oxygen].

Prevention of thiourea-induced pulmonary edema by hydroxyl-radical scavengers.

The role of respiratory protection on increased survival of *Treponema pallidum* (Nichols) when cocultivated with mammalian cells in vitro.

Ether link cleavage is the major pathway of iodothyronine metabolism in the phagocytosing human leukocyte and also occurs in vivo in the rat.

A placebo-controlled double-blind comparative clinical study of the disulfiram- and calcium carbimide-acetaldehyde mediated ethanol reactions in social drinkers.

Studies in occupational epidemiology: the case for international collaboration.

Phase I clinical study of acetylcysteine's preventing ifosfamide-induced hematuria.

Evidence for lipid peroxidation by paraquat in the perfused rat lung.

Formal genesis of pulmonary fibrosis: experimental investigations.

Plasma glutathione and glutathione disulfide in the rat: regulation and response to oxidative stress.

The relationship between paraquat accumulation and covalent binding in rat lung slices.

Intracellular interaction and metabolic fate of arsenite and arsenate in mice and rabbits.

The accumulation of putrescine and paraquat into lung slices taken from BHT treated mice.

Effects of monocrotaline and monocrotaline pyrrole on 5-hydroxytryptamine and paraquat uptake by lung slices.

Whole body and liver distribution of inhaled mercury vapor in the mouse: influence of ethanol and aminotriazole pretreatment.

Paraquat inhibits mixed-function oxidation by rat lung.

Competition between paraquat and putrescine for accumulation by rat lung slices.

Metabolism of [¹⁴C]paraldehyde in mice in vivo, generation and trapping of acetaldehyde.

The effect of ethanol on the absorption, accumulation and biotransformation of xenobiotics by the isolated perfused rabbit lung.

Paraquat concentration and renal function in mice fed purified and cereal-based diets.

Modulation of human granulocyte and monocyte chemiluminescence responses: evidence for distinct free radical generating systems.

The respiration-linked limiting step of tumor cell transition from the non-cycling to the cycling state: its inhibition by oxidizable substrates and its relationships to purine metabolism.

Type I collagen content is increased in lungs of patients with adult respiratory distress syndrome.

The release of surfactant in rat lung by brief periods of hyperventilation.

Immunoperoxidase techniques: the deleterious effect of sodium azide on the activity of peroxidase conjugates.

N-acetylcysteine: its bioavailability and interaction with ifosfamide metabolites.

Effect of vagal cooling on lung functional residual capacity in rats with pneumonia.

Decline of blood and alveolar toluene concentration following two accidental human poisonings.

In vitro ¹⁴C-leucine incorporation into nonsynaptic and synaptic rat brain mitochondria isolated by Ficoll gradients.

Identification and characterization of a plasma membrane phosphoprotein which is present in Chinese hamster lung cells resistant to adriamycin.

Interactions between xenobiotics that increase or decrease the levels of cytochrome P-450 isozymes in rabbit lung and liver.

Mitochondrial respiration inhibitors and human sperm motility: implication in the development of spermicides.

Inhalation of products of combustion.

Elimination of artifactual acetaldehyde in the measurement of human blood acetaldehyde by the use of polyethylene glycol and sodium azide: normal blood acetaldehyde levels in the dog and human after ethanol.

Phosphorylating efficiency of isolated rat liver mitochondria respiring under the conditions of steady-State 4.

Death and injury caused by methyl bromide, an insecticide fumigant.

Characterization of the respiratory activity of mitochondria isolated from an insect cell line CP-1268 *Laspeyresia pomonella*.

Absorption of aerosolized drugs from the rat lung.

Relation between Respiration and Senescence in Oat Leaves.

Amino acid sequence around a "hinge" region and its "autophosphorylation" site in bovine Lung cGMP-dependent protein kinase.

Regulation of Cell Shape in *Euglena gracilis*: I. Involvement of the Biological Clock, Respiration, Photosynthesis, and Cytoskeleton.

[Effect of inhibitors of energy metabolism and protein synthesis on the process of neutral red segregation in frog erythrocytes].

Role of myeloperoxidase in the respiratory burst of human neutrophils.

Energy coupling to nitrite respiration in the sulfate-reducing bacterium *Desulfovibrio gigas*.

Change in the Respiratory Rate of Sea Urchin Spermatozoa following Sperm-egg Interaction in the Absence of Mg(2+) : (sea urchin/sperm-egg interaction/Mg(2+) free sea water/sperm respiration).

Isophosphoramidate mustard, a metabolite of ifosfamide with activity against murine tumours comparable to cyclophosphamide.

Urinary excretion of hippuric acid and o-cresol after laboratory exposure of humans to toluene.

Niacin reduces oxygen toxicity in mouse alveolar macrophages.

The pulmonary ethanol metabolizing system (PET).

Characterization of pulmonary cellular influx differentials to known toxic agents between species.

Methemoglobin formation by paraquat.

Paraquat-poisoned victims in guarded condition.

[Paraquat poisoning. Prognostic and therapeutic evaluation in 28 cases].

[Experimental chronic paraquat poisoning. Functional and histopathological pulmonary changes].

Protection from paraquat-induced lung damage and lethality in adult rats pretreated with clofibrate.

Relevance of NADPH depletion and mixed disulphide formation in rat lung to the mechanism of cell damage following paraquat administration.

Paraquat intoxication: report of a fatal case. Discussion of pathophysiology and rational treatment.

Accumulation of radionuclide-labeled platelets and fibrinogen in paraquat-damaged rat lungs.

Paraquat--the weed and people killer.

[Measurement of V/Q distribution by inert gas elimination method].

[Severe diquat poisoning].

Mechanisms of superoxide radical-mediated toxicity.

[Pulmonary changes in paraquat poisoning].

Paraquat poisoning--a review of four cases.

Prognosis and treatment of paraquat poisoning: a review of 28 cases.

Fatal paraquat poisonings after skin absorption.

[Experimental chronic respiratory failure induced with paraquat in rats--evaluated by growth rate of rats and lung histopathology].

Accumulation of radionuclide-labeled platelets and fibrinogen in paraquat-damaged rat lungs.

PEEP-induced airspace overdistension complicating paraquat lung.

Pathophysiological effects of paraquat intoxication in domestic ruminants: low dose studies.

Studies on the in vitro interaction of mitomycin C, nitrofurantoin and paraquat with pulmonary microsomes. Stimulation of reactive oxygen-dependent lipid peroxidation.

Efficacy of charcoal hemoperfusion in paraquat poisoning.

Studies of the occupational exposure of Malaysian plantation workers to paraquat.

Dinitrophenol poisoning: a diagnosis to consider in undiagnosed fever.

[Massive poisoning by paraquat with early death (19 hours). Apropos of a case with ultrastructure study].

Some new data to the toxicological effects of paraquat and the therapy.

[Paraquat poisoning--an autopsy case].

[Paraquat intoxication, an ultra-structural study of lung lesions. In connection with a case study (author's transl)].

Young Scientists Award lecture 1981: The identification of an accumulation system for diamines and polyamines into the lung and its relevance to paraquat toxicity.

Ultrastructural evidence of pulmonary capillary endothelial damage from paraquat.

[Etiological aspects on fibrosis--tissue damage and repair of pulmonary tissue (author's transl)].

Dose-effect relationship between ethyl alcohol pretreatment and retention and tissue distribution of mercury vapor in rats.

The effect of paraquat on the incorporation of radiolabelled proline into acid-extractable lung proteins and collagens.

Acrolein: a potent modulator of lung macrophage arachidonic acid metabolism.

The accumulation of diamines and polyamines into rat lung slices.

The formation of mixed disulphides in rat lung following paraquat administration. Correlation with changes in intermediary metabolism.

Disruption of phospholipid metabolism by paraquat in cultured pneumocytes.

Depression of serotonin uptake by rat lungs exposed to paraquat.

Possible cardiovascular hazards of the alcohol-calcium carbimide interaction.

Polyamines modify paraquat-induced changes in pulmonary superoxide dismutase and lipid peroxidation.

Altered removal of vasoactive substances in the injured lung: detection of lung microvascular injury.

Inability of niacin to protect from in vivo hyperoxia or in vitro microsomal lipid peroxidation.

Differential effects of 2,4-dinitrophenol and valinomycin (+ K⁺) on uncoupler-stimulated ATPase of human tumor mitochondria.

Morphogenesis of the mitochondrial alterations in muscle diseases.

Medicinal arsenic and internal malignancies.

Experimental and clinical results in shock lung treatment with vitamin E.

A study of oxidative phosphorylative activity and calcium-induced respiration of rat liver mitochondria following living *Escherichia coli* injection.

Health effects of chlorophenol wood preservatives on sawmill workers.

Mortality study of persons exposed to dioxin in a trichlorophenol-process accident that occurred in the BASF AG on November 17, 1953.

Intracellular inactivation, reactivation and dynamic status of prostate androgen receptors.

Effect of thyroidectomy on oxidative phosphorylation mechanisms in rat liver mitochondria.

Effects of salicylate and 2,4-dinitrophenol on respiration and metabolism.

Respiration and cell volume of primary cultured cerebral astrocytes in media of various osmolarities.

In vitro cellular respiration at elevated temperatures in developing rat cerebral cortex.

Physicochemical characteristics of homogeneous bovine lung angiotensin I-converting enzyme. Comparison with human serum enzyme.

Maturation of potassium-stimulated respiration in rat cerebral cortical slices.

Cultivation of *Bacteroides fragilis* in tissue culture.

Down-regulation of the hexose transport system: metabolic basis studied with a fibroblast mutant lacking phosphoglucose isomerase.

An oligomycin-resistant Mg^{2+} -dependent ATPase in rabbit bone marrow mitochondria.

Studies on the interaction of bleomycin A2 with rat lung microsomes. II. Involvement of adventitious iron and reactive oxygen in bleomycin-mediated DNA chain breakage.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin and phenobarbital on the occurrence and distribution of four cytochrome P-450 isozymes in rabbit kidney, lung, and liver.

Evidence for three respiratory terminals in *Trypanosoma cruzi* epimastigotes.

Release of mitochondrial respiratory control by cyanate salts.

Inhibition of Respiration in Sea Urchin Spermatozoa following Interaction with Fixed Unfertilized Eggs VI. Probable Difference between the Species in the Mechanism for the Fixed-Egg-Induced Inhibition of Sperm Respiration: (respiration/sperm/sea urchin/carnitine/sperm-egg interaction).

[Use of the exposure test and the gas concentration measurements in the breathing zones for the evaluation of the workers' exposure to carbon disulfide].

Bacterial metabolism under conditions representing pesticide disposal pits.

Protecting workers who clean up hazardous waste sites.

Transplacental effects of carcinogens and non-carcinogens on activities of pyruvate kinase and lactate dehydrogenase as well as isozymic pattern of LDH in mouse lung.

The enhancement of paraquat toxicity in rats by 85% oxygen: lethality and cell-specific lung damage.

[Experimental models of lung diseases pulmonary fibrosis (idiopathic interstitial pneumonia) (author's transl)].

Drug uptake by lung slices from paraquat-pretreated rats.

[Respiratory insufficiency in paraquat poisoning].

Paraquat poisoning and colchicine treatment.

[Early pattern of pulmonary fibrosis following administration of cytostatics and intoxication by paraquat (author's transl)].

Prolonged survival after paraquat. Role of the lung antioxidant enzyme systems.

Acceleration of lipid peroxidation in human paraquat poisoning.

The effects of paraquat and superoxide dismutase on pulmonary vascular permeability and edema in mice.

A study of the health of Malaysian plantation workers with particular reference to paraquat spraymen.

Inhalation toxicity of acrylic acid.

Intrabronchial instillation of paraquat in rats: lung morphology and retention study.

Repeated exposure to alpha-ethylacrolein vapour: subacute toxicity study in rats.

[Field study of workers with longterm exposure to calcium cyanamide (author's transl)].

In vitro toxicity of oxygen and oxygen-paraquat association on alveolar macrophages surviving in gas phase.

Factors affecting the efflux of paraquat from rat lung slices.

The relationship between phospholipid amount and surface activity of lung washing.

Effect of pneumotoxicants on lactate dehydrogenase activity in airways of rats.

Effects of the herbicide 2, 4-dichlorophenyl-p-nitrophenyl ether (nitrofen) on fetal lung development in rats.

[Cardiogenic gas mixing in dogs with interstitial lung lesion induced by paraquat (author's transl)].

In vitro stimulation by paraquat of reactive oxygen-mediated lipid peroxidation in rat lung microsomes.

[Pulmonary damage caused by cytostatics and paraquat (author's transl)].

[Lung changes after paraquat as an experimental model of the respiratory distress in the newborn and diffuse interstitial fibrosis of the lung].

[Use of histological methods for the demonstration of the anti-inflammatory activity of fusafungin (author's transl)].

The effects of paraquat on neonatal rat lung: a histological and biochemical study.

Pulmonary fibrosis in experimental acute respiratory disease.

Oxidant injury of lung parenchymal cells.

Paraquat and NADPH-dependent lipid peroxidation in lung microsomes.

Binding of [methyl-3H]paraquat to rat, rabbit, hamster, mouse and guinea pig lung proteins, in vitro.

Effect of thyroid status on beta-adrenoreceptors and muscarinic receptors in the rat lung.

Modification of the spectral properties of cytochrome b in mutants of *Saccharomyces cerevisiae* resistant to 3-(3,4-dichlorophenyl)-1,1-dimethylurea. Mapping at two distinct genetic loci of the split mitochondrial gene of cytochrome b.

Structure-activity correlations of amines inhibiting active uptake of paraquat (methyl viologen) into rat lung slices.

The effect of paraquat on the incorporation of ¹⁴C-leucine and ¹⁴C-palmitate into lung proteins and lung lipids of rats and rabbits.

Activity of pyruvate kinase and lactic acid dehydrogenase in mouse lung after transplacental exposure to carcinogenic and non-carcinogenic chemicals.

The accumulation of putrescine into slices of rat lung and brain and its relationship to the accumulation of paraquat.

Acute toxicity testing of some herbicides-, alkaloids-, and antibiotics-metabolizing soil bacteria in the rat.

Evaluation of polyurethane foam as a trapping medium for herbicide vapor in air monitoring and worker inhalation studies.

Quantitation of differences between spontaneous and induced liver tumors in mice with an automated image analyzer.

Specific hypo-responsive granulomatous tissue reactions in *Brugia pahangi*-infected jirds.

Detection of experimentally produced acute pulmonary arterial occlusion by methyl iodide-131 inhalation imaging.

The role of respiration in tumor cell transition from the noncycling to the cycling state.

Effect of ferrous sulfate aerosols and nitrogen dioxide on murine pulmonary defense.

Investigation of type I and type III collagens of the lung in progressive systemic sclerosis.

Inhibitors of oxidative ATP production cause transient vasoconstriction and block subsequent pressor responses in rat lungs.

Energy coupling mechanisms in host-grown *Mycobacterium lepraemurium*.

Early events in herpes simplex virus type 1 infection: photosensitivity of fluorescein isothiocyanate-treated virions.

[Aspiration of Fero-gradumet].

The development and prognosis of chronic intoxication by tetrachlordibenzo-p-dioxin in men.

Arsenic-related hepatic angiosarcoma.

Myxothiazol, a new inhibitor of the cytochrome b-c1 segment of the respiratory chain.

Basement membrane collagen from bovine lung: its chain associations as observed by two-dimensional electrophoresis.

Surfactant release in excised rat lung is stimulated by air inflation.

Hydrogen peroxide contracts airway smooth muscle: a possible endogenous mechanism.

Inhibition in vivo of the formation of adducts between metabolites of benzo(a)pyrene and DNA by aryl hydrocarbon hydroxylase inducers.

Control of ethanol utilization by rat hepatocytes.

Intoxication of cultured human lung fibroblasts with *Clostridium difficile* toxin.

Characterization of the respiratory NADH dehydrogenase of *Escherichia coli* and reconstitution of NADH oxidase in *ndh* mutant membrane vesicles.

Effects of brief and intermediate exposures to sulfate submicron aerosols and sulfate injections and cardiopulmonary function of dogs and tracheal mucous velocity of sheep.

Purification of a soluble, sodium-nitroprusside-stimulated guanylate cyclase from bovine lung.

Characteristics of (+/-)-[14C]-oxprenolol and (+/-)-[14C]-propranolol incorporation by rat lung slices.

Effect of diesel particulate exposure on adenylate and guanylate cyclase of rat and guinea pig liver and lung.

Effect of pyridine homologues on respiratory control and H⁺/O ratio in mitochondria.

The rabbit pulmonary monooxygenase system. partial structural characterization of the cytochrome P-450 components and comparison to the hepatic cytochrome P-450.

Pathways of palmitate metabolism in the isolated rat lung.

Induction by glucose of an antimycin-insensitive, azide-sensitive respiration in the yeast *Kluyveromyces lactis*.

Effect of hypophysectomy and castration on hepatic, pulmonary and intestinal aryl hydrocarbon hydroxylase activities in the rat.

[Comparison between cryoprotective potentials of glycerol, dimethylsulphoxide, dimethylformamide, and ethylene glycol in cryopreservation of human semen (author's transl)].

Enzyme response of cultured endothelial cells to hyperoxia.

Localization of carbonic anhydrase in the rat lung.

Vitamin E and paraquat poisoning.

[Chronic interstitial pneumonia in dogs induced by herbicide paraquat--histological and physiological study].

Paraquat poisoning in a child: vitamin E in amelioration of lung injury.

Early and delayed biochemical effects of paraquat toxicity on rat lung.

[Biochemical and morphological changes in white rat lung and liver tissues in experimental paraquat poisoning].

Biochemical mechanisms in chemical-induced lung injury: roles of metabolic activation.

Non-fatal lung disease due to inhalation of nebulised paraquat.

Marijuana and the lung.

[Paraquat poisoning; clinical toxicological aspects and a case description].

[Paraquat-induced lung injuries in rats with reference to interstitial pneumonia (author's transl)].

Herbicide exposure and tumor mortality. An updated epidemiologic investigation on Swedish railroad workers.

The changing pattern of paraquat poisoning in man.

Action of intensive cigarette smoke inhalations on the rat lung. Role of particulate and gaseous cofactors.

Clinical findings in workers exposed to pentachlorophenol.

Pentose pathway in pulmonary fibrosis due to chronic paraquat poisoning.

The morphology of the lung in the albino rat after paraquat administration.

Lack of in vivo lipid peroxidation in experimental paraquat poisoning.

Contact urticaria from cinnamic aldehyde.

A comparison of the effects of paraquat and diquat on lung compliance, lung volumes and single breath diffusing capacity in the rat.

[Pulmonary histological aspects of acute paraquat poisoning].

The effect of high concentrations of oxygen on paraquat and diquat toxicity in rats.

[Effects of toxic gases and phagocytic defense of the respiratory system. "In vitro" approach].

The effect of paraquat on guanylate cyclase activity in relation to morphological changes of guinea pig lungs.

Hydroperoxide-induced chemiluminescence of the perfused lung.

Prevention of isophosphamide-induced urothelial toxicity with 2-mercaptoethane sulphonate sodium (mesnum) in patients with advanced carcinoma.

Oxygen effects of metabolism and paraquat uptake in rat lung slices.

Normobaric oxygen toxicity of the lung.

Exposure of pesticide applicators to arsenic acid.

[The pathogenesis of hematoxylin bodies--observations on an experimental model in animals (author's transl)].

Rat alveolar macrophages require NADPH for superoxide production in the respiratory burst. Effect of NADPH depletion by paraquat.

Paraquat-stimulated binding of dopa to liver and lung microsomal protein.

The biotransformation of allyl alcohol and acrolein in rat liver and lung preparations.

The influence of paraquat on the in vivo incorporation of lecithin precursors in lung tissue and 'alveolar' lecithin.

The autoradiographic localization of paraquat in the lung.

The effects of ozone and paraquat on PGF₂ alpha and PGE₂ levels in plasma and combined pleural effusion and lung lavage of rats.

Breath and blood acetaldehyde concentrations and their correlation during normal and calcium carbimide-modified ethanol oxidation in man.

Estimation of occupational exposure to phenoxy acids (2,4-D and 2,4,5-T).

Effect of a specific 5HT uptake inhibitor (citalopram) on drug accumulation by rat lung slices.

Interaction of N-(phosphonomethyl)glycine with some respiratory chain enzymes of isolated corn-shoot mitochondria.

Mitochondrial function of rat liver in biliary obstruction.

Modification of mitochondrial respiration by aging and dietary restriction.

Antigen-induced suppression of experimental allergic neuritis in the guinea pig.

Congenital hypothalamic hamartoblastoma, hypopituitarism, imperforate anus and postaxial polydactyly--a new syndrome? Part I: clinical, causal, and pathogenetic considerations.

Use of *Pseudomonas aeruginosa* lipopolysaccharide immunoabsorbents to prepare high potency, mono-specific antibodies.

Structural studies on a collagen-like glycoprotein isolated from lung lavage of normal animal.

Ionophore A23187 induced reductions in toad urinary bladder epithelial cell oxidative phosphorylation and viability: implications for A23187 related declines in epithelial active transport.

Effect of inhibitors of electron transport and oxidative phosphorylation on *Trypanosoma cruzi* respiration and growth.

Changes in the oxidative metabolism during maturation of amphibian oocytes.

Soluble Sugars, Respiration, and Energy Charge during Aging of Excised Maize Root Tips.

Chinese hamster lung cells synthesize and confine to the cellular domain a collagen composed solely of B chains.

Purification and structural comparison of pulmonary and hepatic cytochrome P-450 from rabbits.

Bioassay of a Mixture of 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin and 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (Gavage) for Possible Carcinogenicity (CAS No. 57653-85-7, CAS No. 19408-74-3).

Bioassay of a Mixture of 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin and 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (Dermal Study) for Possible Carcinogenicity (CAS No. 57653-85-7; CAS No. 19408-74-3).

[Cause of the appearance of cyanide-resistant respiration in the yeast *Candida lipolytica*].

Effect of carcinogenic and non-carcinogenic chemicals on the activities of four glycolytic enzymes in mouse lung.

The mechanism of proton translocation driven by the respiratory nitrate reductase complex of *Escherichia coli*.

Metabolism of o-[methyl-¹⁴C]toluidine in the F344 rat.

Calcium accumulation by chick intestinal mitochondria. Regulation by vitamin D-3 and 1,25-dihydroxyvitamin D-3.

Dynamics of O₂ consumption in rat pancreatic islets.

Effects of metabolic and transport inhibitors on sodium transport and CO₂ production of toad bladders: use of an uncoupling agent to distinguish between effects on transport and metabolism.

Respiratory effects and ascorbate reactions with misonidazole and other recently developed drugs.

Effect of ATPase inhibitors on the proton pump of respiratory-deficient yeast.

INHIBITION OF RESPIRATION IN SEA URCHIN SPERMATOOZOA FOLLOWING INTERACTION WITH FIXED UNFERTILIZED EGGS: IV. STATE 4 RESPIRATION IN SPERMATOOZOA OF *HEMICENTROTUS PULCHERRIMUS* AFTER THEIR INTERACTION WITH FIXED UNFERTILIZED EGGS.

Interaction of cytopathogenic toxin from *Clostridium difficile* with cells in tissue culture.

Studies on the biogenesis of an enzymatically active complex III of the respiratory chain from yeast mitochondria.

Respiration in rat cerebral astrocytes from primary culture.

[Paraquat poisoning. Clinical and anatomo-pathological aspects].

The toxicity and renal handling of paraquat in cynomolgus monkeys.

Changes in transglutaminase activity in an experimental model of pulmonary fibrosis induced by paraquat.

Biochemical and morphological correlation of oxidant-induced pulmonary injury: low dose exposure to paraquat, oxygen, and ozone.

Comparison of protection by L-ascorbic acid, L-cysteine, and adrenergic-blocking agents against acetaldehyde, acrolein, and formaldehyde toxicity: implications in smoking.

The effect of chlorpromazine on the uptake and efflux of paraquat in rat lung slices.

Two survivors of severe paraquat intoxication by "continuous hemoperfusion".

[The acute intoxication by paraquat in the rat. Light and E.M. observations (author's transl)].

Effects of paraquat dichloride in male rabbits.

Chronic lung disease. Pulmonary fibrosis.

[A case of acute acrolein poisoning].

Effects of paraquat aerosol on mouse lung.

Changes in the pulmonary uptake and binding of drugs in an experimental model of lung fibrosis.

Uptake and efflux of ¹⁴C-paraquat by rat lung slices: the effect of imipramine and other drugs.

Paraquat or oxygen intoxication? Hypoxygenous artificial ventilation. a variation of PEEP treatment.

[Gaseous aerocontaminants and phagocytic defence of the respiratory tract. Cytotoxicity of NO₂, of ozone and acrolein for alveolar macrophages in gaseous phase (author's transl)].

Early bronchiolar damage following paraquat poisoning in mice.

[Changes of biochemical processes of the lungs caused by air pollutants (author's transl)].

Further clinical observations on the pulmonary effects of paraquat ingestion.

Pulmonary effects of contact exposure to paraquat: a clinical and experimental study.

Paraquat poisoning: an analytical toxicologic study of three cases.

Cigarette smoke components and alveolar macrophage protein synthesis.

Paraquat in marijuana.

The influence of hyperoxia on the acute toxicity of paraquat and diquat.

Butyl hydroxyl toluene (BHT) a lipid-soluble antioxidant in the treatment of experimental paraquat intoxication.

Decrease in mouse lung and liver glutathione peroxidase activity and potentiation of the lethal effects of ozone and paraquat by the superoxide dismutase inhibitor diethyldithiocarbamate.

Models of pulmonary fibrosis: misadventures and ramifications.

Tissue distribution of paraquat and diquat after oral administration in rats.

The inhibitory effect of paraquat on histamine and isoproterenol induced changes of cyclic nucleotides in rat lung slices.

Effect of paraquat treatment on prolyl hydroxylase activity and collagen synthesis of rat lung and kidney.

Involvement of superoxide in the paraquat-induced enhancement of lung collagen synthesis in organ culture.

The effect of paraquat on the covalent binding of radio-labelled DOPA to liver and lung microsomal protein [proceedings].

The effect of oxygen and paraquat on the ¹⁴C-glucose oxidation of rabbit alveolar macrophages and lung slices.

The effect of paraquat on the aerobic metabolism of rabbit alveolar macrophages and lung fibroblasts.

Genetic localization of diuron- and mucidin-resistant mutants relative to a group of loci of the mitochondrial DNA controlling coenzyme QH₂-cytochrome c reductase in *Saccharomyces cerevisiae*.

Oxidant-induced alterations in pulmonary microsomal mixed-function oxidation: acute effects of paraquat and ozone.

Role of peripheral tissue receptors in stimulation of ventilation by 2,4-dinitrophenol.

Acute pulmonary injury in rats by nitrofurantoin and modification by vitamin E, dietary fat, and oxygen.

Structural characterization of a glycoprotein isolated from alveoli of patients with alveolar proteinosis.

Long-term toxicologic studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in laboratory animals.

Isolation and immunochemical characterization of antibodies from the sera of cancer patients which are reactive against human melanoma cell membranes by affinity chromatography.

Longitudinal study of tolyl-reactive IgE antibodies in workers hypersensitive to TDI.

The protective action of inosine on isolated arteries in hypoxia.

Specific IgE antibodies to platinum salts in sensitized workers.

On the adaptation of cultured chick embryo cells to growth in the presence of chloramphenicol.

[Two sites of ubiquinone binding in mitochondrial succinate oxidase].

Effect of sodium chloride on the respiratory function of *Staphylococcus aureus*.

Comparison of the bronchodilator and vasodilator activity of sodium azide and sodium nitroprusside in the guinea-pig.

Respiration and viability of thermally injured *Saccharomyces cerevisiae*.

[Effect of pellet size on respiratory activity and motility of cryopreserved spermatozoa].

Metabolic similarities between fertilization and phagocytosis. Conservation of a peroxidatic mechanism.

Metabolic activation and deactivation of mutagens and carcinogens.

Isolation and tissue localization of type AB2 collagen from normal lung parenchyma.

Detection of carcinogen-induced stimulation of cytochrome P-448-associated enzymes by ¹⁴C¹⁴O₂ breath analysis studies using dimethylaminoazobenzene.

Effects of 2,4-dinitrophenol, amobarbitone and certain other drugs on the rate of oxygen consumption and force of contraction of isolated curarized diaphragm muscle of the rat.

Evaluation of the activity of chlorine-containing pesticides as inhibitors of the mitochondrial respiratory chain.

Pulmonary ultrastructure of the late aspects of human paraquat poisoning.

Paraquat poisoning: a review.

[Are we hunting the wrong villain in the cigarette?].

Percutaneous paraquat absorption. An association with cutaneous lesions and respiratory failure.

Correlation of biochemical and morphologic manifestations of acute pulmonary fibrosis in rats administered paraquat.

An effect of paraquat on the lungs of rabbits. Its implications in smoking contaminated marijuana.

Paraquat goes to pot.

Paraquat and marijuana. Assessing the hazard.

Paraquat lung injury in rabbits.

The influence of paraquat on the in vitro oxygen consumption of rabbit lung.

The pathology and biochemistry of paraquat.

Prevention of acute paraquat toxicity in rats by superoxide dismutase.

Collagen prolyl hydroxylase levels in experimental paraquat poisoning.

Alterations of glucose metabolism during perfusion of rat lung with paraquat.

Oesophageal perforation due to paraquat.

Pulmonary changes in paraquat poisoning.

Pathology of acute respiratory distress in the dog associated with paraquat poisoning.

Repeated exposure to acrolein vapour: subacute studies in hamsters, rats and rabbits.

Enhanced lung toxicity of paraquat in selenium-deficient rats.

Pulmonary histological appearances in fatal paraquat poisoning.

Paraquat ingestion and pulmonary injury.

Report of the 40th meeting of the work group on the pathophysiology of breathing of the Society for Pathophysiology and the Society for Bronchopneumology and Tuberculosis of the DDR. Animal experimental models of acute and chronic lung diseases.

[Changes in the respiratory tract following paraquat intoxication].

[Lung alterations after paraquat poisoning (author's transl)].

Noncardiac pulmonary edema.

Paraquat-induced changes in the rate of collagen biosynthesis by rat lung explants.

Effect of butylated hydroxytoluene and paraquat on urethan tumorigenesis in mouse lung.

Toward less hazardous cigarettes. Current advances.

The effect of paraquat on the respiration of lung cell fractions.

The effects of paraquat on prostaglandin synthesis of guinea pig lungs.

Kinetic evidence for two sites in the inhibition by diuron of the electron transport in the bc1 segment of the respiratory chain in *Saccharomyces cerevisiae*.

Effect of acute and chronic paraquat on rat lung collagen content.

Absorption of paraquat and diquat from the airways of the perfused rat lung.

Binding to radioactivity from [14C] paraquat to rat lung protein, in vitro.

Properties of 3-(3, 4-dichlorophenyl)-1, 1-dimethylurea and other inhibitors of the cytochrome bc1 segment of the mitochondrial respiratory chain in *Saccharomyces cerevisiae*.

[Effect of fungicides on the respiratory activity of moulds from cultural monuments].

Subcellular metabolite concentrations. Dependence of mitochondrial and cytosolic ATP systems on the metabolic state of perfused rat liver.

Lack of tumor-promoting ability of certain environmental chemicals in a two-stage mouse skin tumorigenesis assay.

The reduction of diamide by rat liver mitochondria and the role of glutathione.

Purine metabolism and differential inhibition of spore germination in *Phytophthora infestans*.

[Increase in heat production by muscle contraction caused by 2,4-dinitrophenol].

Properties of the calcium-extruding mechanism of liver cells.

Distribution of clozapine in the rat: localization in lung.

Superoxide production by digitonin-stimulated guinea pig granulocytes. The effects of N-ethyl maleimide, divalent cations; and glycolytic and mitochondrial inhibitors on the activation of the superoxide generating system.

Pulmonary fibrinolytic activity: development of a sensitive radiochromatographic assay.

Bioassay of trifluralin for possible carcinogenicity.

Bioassay of sulfallate for possible carcinogenicity (CAS No. 95-06-7).

Cell-mediated immunity in the lungs of rabbits using conjugated proteins.

The type 1 alveolar lining cells of the mammalian lung. II. In vitro identification via the cell surface and ultrastructure of isolated cells from adult rabbit lung.

Bioenergetic aspects of aerobic glucose metabolism of Escherichia coli K-12 under varying specific growth rates and glucose concentrations.

Some properties of the adenosine triphosphatase associated with herpes simplex virus and nuclear membrane of host cells.

Effect of parenteral zinc on paraquat toxicity in the rat.

[Hemoperfusion with coated activated charcoal for treating acute poisoning by remedies, plant protectants, and fungi. III. Fungi (author's transl)].

Pulmonary reactions to drugs.

A comparison of the effects of paraquat and diquat on the water content of rat lung and the incorporation of thymidine into lung DNA.

Sensory irritation to formaldehyde and acrolein during single and repeated exposures in mice.

[Results of respiratory function analysis carried out on people exposed to herbicides in agriculture].

Paraquat suicide in a young woman: results of therapy directed against the superoxide radical.

[A contribution to the pathogenesis of lethal paraquat poisoning (author's transl)].

Effect of pretreatment with antiinflammatory agents on paraquat toxicity in the rat.

[Paraquat lung (author's transl)].

[Pulmonary injury of mice produced by chronically peroral treatment with different substances (author's transl)].

Acute respiratory distress in the dog associated with paraquat poisoning.

Pulmonary ultrastructure after oral and intravenous dosage of paraquat to rats.

[Severe accidental acrolein intoxication in the home (author's transl)].

Environmental agents altering lung biochemistry.

Treatment of paraquat poisoning with the membrane oxygenator: a case report.

Paraquat toxicity and pulmonary superoxide dismutase: an enzymic deficiency of lung microsomes.

Adverse effect of a cigarette smoke component, acrolein, on pulmonary antibacterial defenses and on viral-bacterial interactions in the lung.

[Experimental substantiation of the maximum permissible concentration of Reglone in the air of a work environment].

[Acute poisonings with Gramoxone (paraquat)].

Effect of paraquat on rat lung prolyl hydroxylase.

Paraquat poisoning. Survival without pulmonary insufficiency after early bleomycin treatment.

Effects of exposure to acrolein vapor in hamsters simultaneously treated with benzo[a]pyrene or diethylnitrosamine.

Sites and specificity of the reaction of bipyridylium compounds with anaerobic respiratory enzymes of *Escherichia coli*. Effects of permeability barriers imposed by the cytoplasmic membrane.

Lung pH and pulmonary absorption of nonvolatile drugs in the rat.

Induction of tumors in mice with the herbicide succinic acid 2,2-dimethylhydrazide.

[Suppression of the anaphylactic response of isolated smooth muscle organs by potassium arsenite].

Spectral and metabolic characteristics of mitochondrial fractions from rotenone-induced tumours.

Poisoning by cresol.

The occurrence of collagen type II in bronchogenic carcinoma.

Methyl iodide toxicity.

Changes in integrated vagal afferent activity induced by model lung diseases in rats.

Mitochondria from human term placenta. III. The role of respiration and energy generation in progesterone biosynthesis.

The respiratory chain of a newly isolated *Methylomonas* P11.

Energy metabolism and T-cell-mediated cytotoxicity. I. Synergism between inhibitors of respiration and glycolysis.

Nitric oxide activates guanylate cyclase and increases guanosine 3':5'-cyclic monophosphate levels in various tissue preparations.

Respiratory activities of hepatocytes isolated from rats of various ages. A brief note.

Regulation of cardiac output during 2,4-dinitrophenol-induced tissue hypermetabolism in the dog.

Actions of insulin in fat cells. Effects of low temperature, uncouplers of oxidative phosphorylation, and respiratory inhibitors.

Metabolism of Oat Leaves during Senescence: V. Senescence in Light.

The effect of organophosphorus compounds on respiration by rat liver mitochondria.

[Effects of methylcyclopentadienyl manganese tricarbonyl (MMT) of rat liver mitochondria. I. Effects, in vitro, on the oxidative phosphorylation (author's transl)].

The role of metabolic energy in the lethal action of basic proteins on *Candida albicans*.

Isolation of type III collagen from human adult parenchymal lung tissue.

Cyanide-insensitive respiration in *Schizophyllum commune*.

[Electron transport particles from beef-heart mitochondria as a test system for inhibitors of the respiratory chain].

Normal newborn and adult human lung collagen--analysis of types.

Hypoxic protection in paraquat poisoning.

Paraquat poisoning: new aspects of therapy.

Letter: Lung involvement of 'verdone'.

Paraquat toxicity: proposed mechanism of action involving lipid peroxidation.

[Paraquat poisoning (author's transl)].

Paraquat poisoning in a child.

[Chloracne, porphyria cutanea tarda, and other poisonings due to the herbicides].

Paraquat revisited.

Interaction of paraquat with the pulmonary microsomal fatty acid desaturase system.

Bioassay of 2, 4, 5-trichlorophenoxyacetic acid for carcinogenicity in mice.

[Diffuse interstitial pneumopathy caused by paraquat poisoning].

Paraquat poisoning in a dog and cat.

Effect of paraquat-induced lung damage on permeability of rat lung to drugs.

Pulmonary effects of paraquat poisoning.

The alveolar lining layer in experimental paraquat poisoning.

Biochemical pathology of lung damage produced by chemicals.

Cellular metabolic control by chemical modification of cell membrane.

Inhibition of paraquat accumulation in rat lung slices by a component of rat plasma and a variety of drugs and endogenous amines.

The relevance of pentose phosphate pathway stimulation in rat lung to the mechanism of paraquat toxicity.

Metabolism in human embryonic lung cell cultures of three phenylurea herbicides: chlorotoluron, fluometuron, and metobromuron.

Effect of paraquat (methyl viologen) on liver function in mice.

Evaluation of redox state of isolated perfused rat lung.

A study of inhalation of pentachlorophenol by rats. IV. Distribution and excretion of inhaled pentachlorophenol.

Binding of organic compounds to rat liver and lung.

The effects of iron deficiency on the respiratory function and cytochrome content of rat heart mitochondria.

[The effect of 2,4-dinitrophenol, moniodine acetate, sodium fluoride and hypoxia on the formation of plasma polyps in the placenta of guinea pigs (author's transl)].

[High incidence of lung cancer in persons with chronic professional exposure to pesticides in agriculture (author's transl)].

Neuromuscular disorder associated with a defect in mitochondrial energy supply.

Collagen polymorphism in idiopathic chronic pulmonary fibrosis.

Structural studies on a glycoprotein isolated from alveoli of patients with alveolar proteinosis.

Luft's disease. Further biochemical and ultrastructural studies of skeletal muscle in the second case.

Toxicity of methyl bromide and other gaseous insecticides to *Triatoma infestans*.

Pentose cycle activity of the isolated perfused rat lung.

Hepatic and extrahepatic metabolism of ¹⁴C-styrene oxide.

Stimulation of rat lung metabolism with 2,4-dinitrophenol and phenazine methosulfate.

The respiratory metabolism of *Mycobacterium lepraemurium*.

Characteristics of acetaldehyde oxidation in rat liver mitochondria.

Comparison of uptake and binding of disodium cromoglycate and phenol red in rat lung.

[Continuous inhalation of small amounts of formaldehyde: experimental study in the rat].

Metabolism of resorcinolic compounds by bacteria: orcinol pathway in *Pseudomonas putida*.

Afferent neural pathway in the regulation of cardiopulmonary responses to tissue hypermetabolism.

The influence of adenine nucleotides and oxidizable substrates on triethyltin-mediated chloride uptake by rat liver mitochondria in potassium chloride media.

Active transport of phenol red by rat lung slices.

Lung collagen heterogeneity. Synthesis of type I and type III collagen by rabbit and human lung cells in culture.

The effects of antipyretics on metabolism processes in rat liver mitochondria. Part I. The action of sodium salicylate, and pyrazolones on the reaction of respiratory chain.

Far-advanced pulmonary interstitial disease with normal findings on a chest radiograph.

[Morphological and toxicological studies of experimental diquat poisoning].

Letter: Unsuccessful immunosuppressant treatment of paraquat poisoning.

[Effects in the rat of a weak dose of acrolein inhaled continuously].

Pulmonary interstitial fibrosis from paraquat in the hamster.

[Paraquat : embryonic mortality and effects on pulmonary apparatus of chick and quail embryos].

[Fatal gramoxone poisoning].

[Resuscitation in 1975].

[Cumulative action of Gramoxone and Reglone].

The pathology of the lung in paraquat poisoning.

Lung function in acute paraquat intoxication.

[Experimental model of pulmonary fibrosis in the rat using paraquat injection].

Pulmonary effects of paraquat in the first day after injection.

Proceedings: Experimental lung disease : effects of general anaesthesia.

Purification, structure and properties of the respiratory nitrate reductase of *Klebsiella aerogenes*.

Influence of IgG antibody and glycopeptide allergens on the correlation between the radioallergosorbent test (RAST) and skin testing or bronchial challenge with *alternaria*.

The detection by immunodiffusion of tumour associated antigenic components in extracts of human bronchogenic carcinoma.

Fatal self-administration of sodium azide.

Energy requirements for the uptake of L-leucine by *Saccharomyces cerevisiae*.

Basement membranes: structural and biosynthetic considerations.

Hepatic mitochondrial function in ketogenic states. Diabetes, starvation, and after growth hormone administration.

Bioassay of alkyl halides and nucleotide base analogs by pulmonary tumor response in strain A mice.

[Stenosis of the main left bronchus after inhalation of a drug with ferrous sulfate base].

Attempted suicide with a pesticide mixture.

Impairment of mitochondrial function following reperfusion of acutely ischemic myocardium.

Asthma in the highlands of New Guinea Total IgE levels and incidence of IgE antibodies to house dust mite and *Ascaris lumbricoides*.

The biological fate in rats of vinyl chloride in relation to its oncogenicity.

Respiratory properties of rat liver mitochondria immobilized on an alkylsilylated glass surface.

Characteristics of sodium and potassium transport in the lung.

Respiratory effects of H⁺ and dinitrophenol injections into the brain stem subarachnoid space of fetal lambs.

Thromboxanes: a new group of biologically active compounds derived from prostaglandin endoperoxides.

Transport of sugars and amino acids in bacteria. XV. Comparative studies on the effects of various energy poisons on the oxidative and phosphorylating activities and energy coupling reactions for the active transport systems for amino acids in *E. coli*.

Mitochondrial ATP-Pi exchange complex and the site of uncoupling of oxidative phosphorylation.

Pseudomonas aeruginosa lipopolysaccharide: an uncoupler of mitochondrial oxidative phosphorylation.

Regulation of phospholipid metabolism in differentiating cells from rat brain cerebral hemispheres in culture. I. Uptake and phosphorylation of [U-¹⁴C]ethanolamine and the effect of various inhibitors.

The control by respiration of the uptake of alpha-methyl glucoside in *Escherichia coli* K12.

Ion transport across the excised bullfrog lung.

Mitochondria from human term placenta. II. Characterization of respiratory pathways and coupling mechanisms.

Studies on the biosynthesis of isocoumarins in carrot root tissues : induction by substances other than ethylene and effects of metabolic inhibitors.

Induction and suppression of hepatic and extrahepatic microsomal foreign-compound-metabolizing enzyme systems by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Hormonal influences in the development of the hypermetabolic state of the liver produced by chronic administration of ethanol.

The effect of nucleotides and inhibitors on respiration in isolated wheat mitochondria.

Formation of the enzymatic apparatus of respiration in growing cells. Communication II. Reorganization of the respiratory cycle of mitochondria in the corn root tip.

[Pulmonary edema due to inhalation of gas and vapors].

Effective treatment for paraquat poisoning in rats and its relevance to treatment of paraquat poisoning in man.

The ultrastructure and time sequence of the early stages of paraquat lung in rats.

Editorial: The paraquat puzzle.

[Paraquat intoxication and isolated aplastic anaemia (author's transl)].

Paraquat lung: a reappraisal.

[Paraquat poisoning in Israel].

The pathogenesis and structure of paraquat-induced pulmonary fibrosis in rats.

Fatal pulmonary intra-alveolar fibrosis after paraquat ingestion.

[Alveolitis and pulmonary fibrosis--an attempt at a synopsis].

[The pathology of various chronic fibrotic lung diseases (with particular regard to clinical cases)].

[Exposure to herbicides--mortality and tumor incidence. An epidemiologic investigation of Swedish railroad workers].

2,4-Dichlorophenyl-p-nitrophenyl ether (TOK): effects on the lung maturation of rat fetus.

Studies on the mechanism of the lung toxicity of paraquat: comparison of tissue distribution and some biochemical parameters in rats and rabbits.

Studies on the pathological biochemistry of lung parenchyma in acute paraquat poisoning.

Toxic effects of the herbicide paraquat.

[Clinical and pathologic-anatomical findings in paraquat-poisoning].

[Amide preparations with herbicidal activity. Experimental findings concerning the acute oral toxicity of propachlor (ramrod)].

[Ultrastructural and light microscopical findings in 3 cases of paraquat poisoning with prolonged lethal course (author's transl)].

[Pathogenesis of paraquat-lung (author's transl)].

Proceedings: The pattern of breathing in the rat.

Two patterns for bronchial damage from inhaled materials.

Prevention of acute pulmonary insufficiency by eriodictyol.

Review of studies on environmental tobacco smoke.

Effect of uncoupling agents and respiratory inhibitors on the growth of *Streptococcus agalactiae*.

Antibodies to collagen in patients with emphysema.

The use of immunoabsorbent columns for the isolation of antibodies specific for antigens associated with human bronchogenic carcinoma.

The Metabolism of Oat Leaves during Senescence: I. Respiration, Carbohydrate Metabolism, and the Action of Cytokinins.

Mode of inhibition of mitochondrial energy transduction by chlorophenoxyisobutyrate.

Lung collagen heterogeneity.

Studies on the respiratory properties of mitochondria isolated from developing winter wheat seedlings.

Table 2A-16 – Titles of Pubmed Records Related to General Adverse Events Following Herbicide Exposure

ABSENTEEISM; *ACUTE*; *CHRONIC*; *DEAD*; *DEATH*; *DEFICIEN*; *DISABILIT*; *DISEASE*; *DISORDER*; *DYSREGULAT*; *FAILURE*; *FATAL*; *HOSPITALIS*; *HOSPITALIZ*; *IMPAIR*; *INJUR*; *MORBIDITY*; *PATHOGENICITY*; *PATHOLOGIC*; *REACTIVAT*; *REACTOGENICITY*; *REJECTION*; *SICKNESS*; *SURGERY*; *SURGICAL*; *SYNDROME*; *TRANSPLANT* (21618)
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Elucidating the effects of pure glyphosate and a commercial formulation on early life stages of zebrafish using a complete biomarker approach: All-or-nothing!

Study on the toxicity prediction model of acetolactate synthase inhibitor herbicides based on human serum albumin and superoxide dismutase binding information.

Melatonin increased antioxidant capacity to ameliorate growth retardation and intestinal epithelial barrier dysfunction in diquat-challenged piglets.

Impact of pesticides exposure on *Archachatina marginata* snails in four Cameroon monomodal rainforest sites.

Integrated analysis of ceRNA-miRNA changes in paraquat-induced pulmonary epithelial-mesenchymal transition via high-throughput sequencing.

Neurotoxicity of glyphosate: Focus on molecular mechanisms probably associated with alterations in cognition and behavior.

A potential mechanism clue to the periodic storm from microglia activation and progressive neuron damage induced by paraquat exposure.

Prometryn exposure disrupts the intestinal health of *Eriocheir sinensis*: Physiological responses and underlying mechanism.

Impact of exposure to glyphosate-based herbicide on morphological and physiological parameters in embryonic and larval development of zebrafish.

Inhaled paraquat-induced lung injury in rat, improved by the extract of *Zataria multiflora* boiss and PPAR γ agonist, pioglitazone.

Targeted upregulation of dMyc restricts JNK-mediated degeneration of dopaminergic neurons in the paraquat-induced Parkinson's disease model of *Drosophila*.

Pelargonidin alleviates acrolein-induced inflammation in human umbilical vein endothelial cells by reducing COX-2 expression through the NF- κ B pathway.

Research on phytotoxicity assessment and photosynthetic characteristics of nicosulfuron residues on *Beta vulgaris* L.

Mitochondrial reactive oxygen species initiate gasdermin D-mediated pyroptosis and contribute to paraquat-induced nephrotoxicity.

Regulation of NCOA4-mediated iron recycling ameliorates paraquat-induced lung injury by inhibiting ferroptosis.

Transcriptomic and behavioral analyses reveal unique target tissues and molecular pathways associated with embryonic exposure to low level glyphosate and metal mixtures in zebrafish.

Melatonin inhibits atrazine-induced mitochondrial impairment in cerebellum of mice: Modulation of cGAS-STING-NLRP3 axis-dependent cell pyroptosis.

Association of UGT1A1 gene variants, expression levels, and enzyme concentrations with 2,3,7,8-TCDD exposure in individuals exposed to Agent Orange/Dioxin.

A combination of silymarin and garlic extract enhances thyroid hormone activation and body metabolism in orally intoxicated male rats with atrazine: Impact on hepatic iodothyronine deiodinase type 1.

Induction of Paraquat-Mediated Parkinsonian Phenotype in Zebrafish.

Glyphosate: Impact on the microbiota-gut-brain axis and the immune-nervous system, and clinical cases of multiorgan toxicity.

Peripubertal exposure of atrazine cause decrease in exploratory activity, deficits in sociability and few alterations on brain monoaminergic systems of rats.

Toxicity assessment of commercial herbicide formulations to *Eisenia andrei* (Bouché, 1972) in oxisols.

Combined effect of fungicide, herbicide and plant elicitor used in apple orchards on non-target epiphytic moss *Hypnum cupressiforme*.

In vivo estrogenicity of glyphosate, its formulations, and AMPA on transgenic zebrafish (*Danio rerio*) embryos.

Paraquat (herbicide) as a cause of Parkinson's Disease.

Comparative deterministic and probabilistic approaches for assessing the aquatic ecological risk of pesticides in a mixed land use basin: A case study in Uruguay.

Abalone peptide increases stress resilience and cost-free longevity via SKN-1-governed transcriptional metabolic reprogramming in *C. elegans*.

Assessment of oxidative stress biomarkers in the threatened annual killifish *Austrolebias charrua* exposed to Roundup.

Investigating adverse effects of chronic dietary exposure to herbicide glyphosate on zootechnical characteristics and clinical, biochemical and immunological blood parameters in broiler chickens.

Glyphosate Disorders Soil Enchytraeid Gut Microbiota and Increases Its Antibiotic Resistance Risk.

The Peptide DH β -(4-pentenyl)-ANPQIR-NH(2) Exhibits Antifibrotic Activity in Multiple Pulmonary Fibrosis Models Induced by Particulate and Soluble Chemical Fibrogenic Agents.

From dysbiosis to neuropathologies: Toxic effects of glyphosate in zebrafish.

Elevated parkinsonism pathological markers in dopaminergic neurons with developmental exposure to atrazine.

Metabolomic Changes in Rat Serum after Chronic Exposure to Glyphosate-Based Herbicide.

Exposure to sublethal concentrations of imidacloprid, pyraclostrobin, and glyphosate harm the behavior and fat body cells of the stingless bee *Scaptotrigona postica*.

The Association of Agent Orange Exposure with the progression of λ monoclonal gammopathy of undetermined significance to multiple myeloma: a population-based study of Vietnam War Era Veterans.

Agent Orange Herbicidal Toxin-Initiation of Alzheimer-Type Neurodegeneration.

Amentoflavone mediated hepatoprotection to counteract paraquat instigated hepatotoxicity via modulating Nrf2/keap1 pathway: A biochemical, inflammatory, apoptotic and histopathological study.

Analysis of abnormal expression of signaling pathways in PQ-induced acute lung injury in SD rats based on RNA-seq technology.

The ROS/SIRT1/STAR axis as a target for melatonin ameliorating atrazine-induced mitochondrial dysfunction and steroid disorders in granulosa cells.

Aqueous leaf extract of *Phyllanthus amarus* protects against oxidative stress and misfiring of dopaminergic neurons in Paraquat-induced Parkinson's disease-like model of adult Wistar rats.

Atrazine exposure caused oxidative stress in male rats and inhibited brain-pituitary-testicular functions.

Evaluation of neurological behavior alterations and metabolic changes in mice under chronic glyphosate exposure.

MicroRNA-217-5p triggers dopaminergic neuronal degeneration via autophagy activation under Atrazine exposure.

Testosterone restores TM3 and TM4 cell viability, reduces reactive oxygen species generation, and protects against atrazine-induced stereological changes in rat testes.

Sulfate radical-based advanced oxidation process effects on tire wear particles aging and ecotoxicity.

Diuron and its metabolites induce mitochondrial dysfunction-mediated cytotoxicity in urothelial cells.

Ferulic acid grafted into β -cyclodextrin nanosponges ameliorates Paraquat-induced human MRC-5 fibroblast injury.

A mixture of glyphosate and 2,4-D herbicides enhances the deleterious reproductive outcomes induced by Western diet in obese male mice.

Ultimate fate, transformation, and toxicological consequences of herbicide pretilachlor to biotic components and associated environment: An overview.

Paraquat and Parkinson's Disease: The Molecular Crosstalk of Upstream Signal Transduction Pathways Leading to Apoptosis.

Atrazine exposure promotes cardiomyocyte pyroptosis to exacerbate cardiotoxicity by activating NF- κ B pathway.

Analysis of the association between urinary glyphosate exposure and fatty liver index: a study for US adults.

Cinnamaldehyde attenuates TNF- α induced skeletal muscle loss in C2C12 myotubes via regulation of protein synthesis, proteolysis, oxidative stress and inflammation.

Glyphosate and neurotoxicity - a call for scientific renewal.

Survival in Agent Orange exposed and unexposed Vietnam-era veterans who were diagnosed with lymphoid malignancies.

Agricultural paraquat dichloride use and Parkinson's disease in California's Central Valley.

Elucidating the mechanisms underlying astrocyte-microglia crosstalk in hippocampal neuroinflammation induced by acute diquat exposure.

Curcumin alleviates atrazine-induced cardiotoxicity by inhibiting endoplasmic reticulum stress-mediated apoptosis in mice through ATF6/Chop/Bcl-2 signaling pathway.

Amphibian-derived peptide RL-RF10 ameliorates paraquat-induced pulmonary fibrosis injury.

Inclusion of trans-cinnamaldehyde and caprylic acid in feed results in detectable concentrations in the chicken gut and reduces foodborne pathogen carriage.

Autophagy mediated FTH1 degradation activates gasdermin E dependent pyroptosis contributing to diquat induced kidney injury.

Memory impairment with symmetrical hippocampal lesions following acute glufosinate-ammonium intoxication.

Association of hair polychlorinated biphenyls and multiclass pesticides with obesity, diabetes, hypertension and dyslipidemia in NESCAV study.

Association Between Urinary Glyphosate Exposure and Cognitive Impairment in Older Adults from NHANES 2013-2014.

ATR induces hepatic lipid metabolism disorder in rats by activating IRE1 α /XBP1 signaling pathway.

Mid-to-late stage diquat accumulation in the central nervous system: A severe case of oral poisoning.

A rat model established by simulating genetic-environmental interactions recapitulates human Alzheimer's disease pathology.

Occult paraquat poisoning causing pneumomediastinum and organizing pneumonia.

Cinnamaldehyde as a Promising Dietary Phytochemical Against Metabolic Syndrome: A Systematic Review.

Vascular read-out for TRP channel functionality on distal peripheral nerve endings in healthy men.

Protective mechanisms of neral as a plant-derived safener against fenoxaprop-p-ethyl injury in rice.

A Forensic Case of Suicide Ingestion of Paraquat Herbicide: New Histological Insights and Revision of the Literature.

Perioperative exposure to volatile organic compounds in neonates undergoing cardiac surgery.

Effects and mechanisms of glyphosate as phosphorus nutrient on element stoichiometry and metabolism in the diatom *Phaeodactylum tricornutum*.

Association of urine glyphosate levels with renal injury biomarkers in children living close to major vegetable-producing regions in China.

Cinnamaldehyde protects cardiomyocytes from oxygen-glucose deprivation/reoxygenation-induced lipid peroxidation and DNA damage via activating the Nrf2 pathway.

Cinnamon and cognitive function: a systematic review of preclinical and clinical studies.

Development and validation of a prognostic nomogram for predicting in-hospital mortality of patients with acute paraquat poisoning.

Exogenous Melatonin Alleviates Atrazine-Induced Glucose Metabolism Disorders in Mice Liver via Suppressing Endoplasmic Reticulum Stress.

Disturbed nutrient accumulation and cell wall metabolism in panicles are responsible for rice straighthead disease.

Grape seed-derived procyanidin inhibits glyphosate-induced hepatocyte ferroptosis via enhancing crosstalk between Nrf2 and FGF12.

Triazine herbicide reduced the toxicity of the harmful dinoflagellate *Karenia mikimotoi* by impairing its photosynthetic systems.

Application of 3D-printed pollen traps as a useful tool for exposure and risk assessment of pesticide residues on bumblebees.

Diuron-induced fetal Leydig cell dysfunction in in vitro organ cultured fetal testes.

Biochemical and teratogenic effects of a mixture of pyriproxyfen and glyphosate.

Methyl viologen-induced changes in the Arabidopsis proteome implicate PATELLIN 4 in oxidative stress responses.

Cinnamic Aldehyde Causing Chronic Oral Mucosal Ulcerations.

Broad host-range pathogens as bioherbicides: managing nontarget plant disease risk.

Machine learning-driven identification of air toxic combinations associated with asthma symptoms among elementary school children in Spokane, Washington, USA.

Proteomic insight towards key modulating proteins regulated by the aryl hydrocarbon receptor involved in ovarian carcinogenesis and chemoresistance.

A regulatory module comprising G3BP1-FBXL5-IRP2 axis determines sodium arsenite-induced ferroptosis.

The aryl hydrocarbon receptor in β^2 -cells mediates the effects of TCDD on glucose homeostasis in mice.

Efficacy and safety of six new antiseizure medications for adjunctive treatment of focal epilepsy and epileptic syndrome: A systematic review and network meta-analysis.

African swine fever virus maintains de novo global cellular protein synthesis and inhibits stress granules formation via dephosphorylating eIF2 $\hat{\pm}$.

Associations of chronic exposure to a mixture of pesticides and type 2 diabetes mellitus in a Chinese elderly population.

Upregulated LncRNA-Meg3 modulates the proliferation and survival of MEPM cells via interacting with Smad signaling in TCDD-induced cleft palate.

Arsenic-induced IGF-1 signaling impairment and neurite shortening: The protective roles of IGF-1 through the PI3K/Akt axis.

Baicalin and lung diseases.

Congenital diaphragmatic hernia: phosphodiesterase-5 and Arginase inhibitors prevent pulmonary vascular hypoplasia in rat lungs.

"Comparative evaluation of different chemical agents induced Autism Spectrum Disorder in experimental Wistar rats".

ALDH2 deficiency exacerbates MCD-diet induced MASLD by modulating bile acid metabolism.

Evaluation of a pharmacist-managed anemia service in pregnant patients.

Regulation of stress granule formation in human oligodendrocytes.

Can our microbiome break our hearts? Collaborative production of p-cresol sulfate and indoxyl sulfate by commensal microbes increases susceptibility to thrombosis.

The association between polychlorinated dibenzo-p-dioxin exposure and cancer mortality in the general population: a cohort study.

Enrichment and distribution of 3,6-dichlorocarbazole in red crucian carp (*Carassius auratus*) and its hepatotoxicity.

Exploring *Caenorhabditis elegans* as Parkinson's Disease Model: Neurotoxins and Genetic Implications.

The characteristics of suicide attempters in Chinese patients: Comparison of adolescents, youths, middle-aged and elderly.

Association between dietary pesticide exposure profiles and body weight change in French adults: Results from the NutriNet-Santé cohort.

Reductions in concomitant antiseizure medication drug load during adjunctive cenobamate therapy: Post-hoc analysis of a subset of patients from a phase 3, multicenter, open-label study.

Prenatal arsenite exposure alters maternal cardiac remodeling during late pregnancy.

Anaemia among school children of different socioeconomical status in a city of Southern Brazil.

Self-heating mitochondrion-induced free radical blast for immunogenic cell death stimulation and HCC immunotherapy.

Characterizing the cumulative health risks of 19 kinds of pesticides in Chinese food from the cancer and non-cancer perspective.

Risk factors for childhood brain tumours: A systematic review and meta-analysis of observational studies from 1976 to 2022.

Investigation of the activity of a novel tropolone in osteosarcoma.

m-Cresol, a pesticide intermediate, induces hepatotoxicity and behavioral abnormalities in zebrafish larvae through oxidative stress, apoptosis.

Dysregulation of CITED2 in abnormal lung development in the nitrofen rat model.

[Analysis on early predictors of respiratory depression in patients with glufosinate poisoning].

Transgenerational Transmission of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Effects in Human Granulosa Cells: The Role of MicroRNAs.

Transcriptomic and metabolomic profile changes in the liver of Sprague Dawley rat offspring after maternal PFOS exposure during gestation and lactation.

A conformationally-locked p-hydroxybenzylidene imidazolinone derivative for detecting $A\beta(42)$ aggregation.

Synthetic GPR40/FFAR1 agonists: An exhaustive survey on the most recent chemical classes and their structure-activity relationships.

Switching from zonisamide to perampanel improved the frequency of seizures caused by hyperthermia in Dravet syndrome: a case report.

Fungicides as a risk factor for the development of neurological diseases and disorders in humans: a systematic review.

The urinary level of 2,4,5-trichlorophenol was positively associated with both all-cause and cause-specific mortalities in general adult residents of United States.

Prenatal treprostinil improves pulmonary arteriolar hypermuscularization in the rabbit model of congenital diaphragmatic hernia.

Design and evaluation of antibacterials crosslinked chitosan nanoparticle as a novel carrier for the delivery of metronidazole to treat bacterial vaginosis.

Case of Hemolytic Disease of the Fetus and Newborn Treated Without Blood Products.

Inhibition of the urea cycle by the environmental contaminant 2,3,7,8-tetrachlorodibenzo-p-dioxin increases serum ammonia levels in mice.

Association between cumulative airborne dioxin exposure and non-Hodgkin's lymphoma risk in a nested case-control study within the French E3N cohort.

Glufosinate-ammonium causes liver injury in zebrafish by blocking the Nrf2 pathway.

Mitochondria-targeted Uncouplers Decrease Inflammatory Reactions in Endothelial Cells by Enhancing Methylation of the ICAM1 Gene Promoter.

Local Regrowth and the Risk of Distant Metastases Among Patients Undergoing Watch-and-Wait for Rectal Cancer: What Is the Best Control Group? Multicenter Retrospective Study.

Gut Microbiota and Uremic Retention Solutes in Adults With Moderate CKD: A 6-Day Controlled Feeding Study.

The role of thioredoxin and glutathione systems in arsenic-induced liver injury in rats under glutathione depletion.

Screening of core microorganisms in healthy and diseased peaches and effect evaluation of biocontrol bacteria (*Burkholderia* sp.).

Mutagenesis of Ile184 in the cd-loop of the photosystem II D1 protein modifies acceptor-side function via spontaneous mutation of D1-His252 in *Synechocystis* sp. PCC 6803.

Environmentally relevant concentrations of 2,3,7,8-TCDD induced inhibition of multicellular alternative splicing and transcriptional dysregulation.

Carbon nitride dots do not impair the growth, development, and telomere length of tadpoles.

Both acute glyphosate and the aminomethylphosphonic acid intoxication decreased the acetylcholinesterase activity in rat hippocampus, prefrontal cortex and gastrocnemius muscle.

Identification of endocrine-disrupting chemicals targeting key DCM-associated genes via bioinformatics and machine learning.

Behavioral and biochemical consequences after chronic exposition to the herbicide atrazine in tadpoles.

Potential AhR-independent mechanisms of 2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibition of human glioblastoma A172 cells migration.

MicroRNA-124-3p Modulates Alpha-Synuclein Expression Levels in a Paraquat-Induced in vivo Model for Parkinson's Disease.

Metabolism of the 4-Hydroxyphenylpyruvate Dioxygenase Inhibitor, Mesotrione, in Multiple-Herbicide-Resistant Palmer amaranth (*Amaranthus palmeri*).

Meptyldinocap induces implantation failure by forcing cell cycle arrest, mitochondrial dysfunction, and endoplasmic reticulum stress in porcine trophoblast and endometrial luminal epithelial cells.

Single-cell RNA-sequencing of cellular heterogeneity and pathogenic mechanisms in paraquat-induced Parkinson's disease with depression.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and kynurenine induce Parkin expression in neuroblastoma cells through different signaling pathways mediated by the aryl hydrocarbon receptor.

Norflurazon causes cell death and inhibits implantation-related genes in porcine trophoblast and uterine luminal epithelial cells.

Identification of novel potential drugs for the treatment and prevention of osteoarthritis.

The uses of zebrafish (*Danio rerio*) as an in vivo model for toxicological studies: A review based on bibliometrics.

Hydrogen sulfide regulates arsenic-induced cell death in yeast cells by modulating the antioxidative system.

Bacterial Strains Isolated from Stingless Bee Workers Inhibit the Growth of *Apis mellifera* Pathogens.

Maternal exposure to glyphosate-based herbicide causes vascular dysfunction in offspring female rats.

Gut microbiota disorders aggravate terbuthylazine-induced mitochondrial quality control disturbance and PANoptosis in chicken hepatocyte through gut-liver axis.

Impact of chronic exposure to field level glyphosate on the food consumption, survival, gene expression, gut microbiota, and metabolomic profiles of honeybees.

Disruption of spermatogenesis in testicular adult Wistar rats after short-term exposure to high dose of glyphosate based-herbicide: Histopathological and biochemical changes.

The exposure in ovo to glyphosate on the integrity of intestinal epithelial tight junctions of chicks.

Short-term effects of sodium arsenite (AsIII) and sodium arsenate (AsV) on carbohydrate metabolism in the perfused rat liver.

Synergistic effect of spermidine and ciprofloxacin against Alzheimer's disease in male rat via ferroptosis modulation.

Effects of Intranasal Dantrolene Nanoparticles on Brain Concentration and Behavior in PS19 Tau Transgenic Mice.

Clinical characteristics of survivors versus non-survivors after acute diquat poisoning: a comparative study-comment.

Ecotoxicity studies reveal that organic cations in dicamba-derived ionic liquids can pose a greater environmental risk than the herbicide itself.

Co-exposure to pentachlorophenol (PCP) and cadmium (Cd) triggers apoptosis-like cell death in *Escherichia coli*.

Geniposide from *Gardeniae Fructus* exerts antipyretic effect in febrile rats through modulating the TLR4/NF- κ B signaling pathway.

Effects of sodium arsenite exposure on behavior, ultrastructure and gene expression of brain in adult zebrafish (*Danio rerio*).

Developmental toxicity and metabolomics analyses of zebrafish (*Danio rerio*) embryos exposed to Fenoxaprop-p-ethyl.

Corrigendum to "Elevated parkinsonism pathological markers in dopaminergic neurons with developmental exposure to atrazine" [Sci. Total Environ. 908 2024: Article 168307].

Loss of flavin-containing monooxygenase 3 modulates dioxin-like polychlorinated biphenyl 126-induced oxidative stress and hepatotoxicity.

MAPK/NF- κ B signaling mediates atrazine-induced cardiorenal syndrome and antagonism of lycopene.

Curative effects of tectochrysin on paraquat-instigated testicular toxicity in rats: A biochemical and histopathological based study.

Stereoselective toxicity of acetochlor chiral isomers on the nervous system of zebrafish larvae.

Metabolites and MRI-Derived Markers of AD/ADRD Risk in a Puerto Rican Cohort.

Pesticide use and inflammatory bowel disease in licensed pesticide applicators and spouses in the Agricultural Health Study.

Renoprotective effect of esculetin against ischemic acute kidney injury-diabetic comorbidity.

Roles of oxidative stress/JNK/ERK signals in paraquat-triggered hepatic apoptosis.

Pesticides in Ethiopian surface waters: A meta-analytic based ecological risk assessment.

Early and transitory hypoactivity and olfactory alterations after chronic atrazine exposure in female Sprague-Dawley rats.

Combined toxicity and adverse outcome pathways of common pesticides on *Chlorella pyrenoidosa*.

Magnolol extends lifespan and improves age-related neurodegeneration in *Caenorhabditis elegans* via increase of stress resistance.

Similar toxicity potential of glyphosate and glyphosate-based herbicide on cerebellar development after maternal exposure in rats.

Chronic arsenic exposure affects stromal cells and signaling in the small intestine in a sex-specific manner.

Assessing and mitigating foodborne acetochlor exposure induced ileum toxicity in broiler chicks: The role of omega-3 polyunsaturated fatty acids supplementation and molecular pathways analysis.

The study of the protective effect of mitochondrial uncouplers during acute toxicity of the fungicide difenoconazole in different organs of mice.

TCDD and CH223191 Alter T Cell Balance but Fail to Induce Anti-Inflammatory Response in Adult Lupus Mice.

Mitochondrial impairment related to the immunotoxicity of the herbicides clomazone, glyphosate and sulfentrazone in THP-1 cells.

Chemical mixture that targets the epidermal growth factor pathway impairs human trophoblast cell functions.

Embryonic Exposure to the Benzotriazole Ultraviolet Stabilizer 2-(2H-benzotriazol-2-yl)-4-methylphenol Decreases Fertility of Adult Zebrafish (*Danio rerio*).

Identification and functional prediction of long non-coding RNAs related to oxidative stress in the jejunum of piglets.

Concentration and non-dietary human health risk assessment of pesticide residues in soil of farms in Golestan province, Iran.

Clarification of the molecular mechanisms underlying glyphosate-induced major depressive disorder: a network toxicology approach.

The BCKDK inhibitor BT2 is a chemical uncoupler that lowers mitochondrial ROS production and de novo lipogenesis.

Influence of triazines and lipopolysaccharide coexposure on inflammatory response and histopathological changes in the testis and liver of BalB/c mice.

The effectiveness of oral bovine lactoferrin compared to iron supplementation in patients with a low hemoglobin profile: A systematic review and meta-analysis of randomized clinical trials.

A Narrative Review of Contemporary Lethal Pesticides: Unveiling the Ongoing Threat of Pesticide Poisoning.

Maternal Fatigue after Postpartum Anemia Treatment with Intravenous Ferric Carboxymaltose vs. Intravenous Ferric Derisomaltose vs. Oral Ferrous Sulphate: A Randomized Controlled Trial.

Aldo-keto reductase 1B10 as a Carcinogenic but Not a Prognostic Factor in Colorectal Cancer.

Immunocytochemical Analysis of Crocin against Oxidative Stress in Trigeminal Sensory Neurons Innervating the Cornea.

Chronic arsenic exposure-provoked biotoxicity involved in liver-microbiota-gut axis disruption in chickens based on multi-omics technologies.

Correction: Glyphosate infiltrates the brain and increases pro-inflammatory cytokine TNF α : implications for neurodegenerative disorders.

Proteomic-miRNA Biomics Profile Reveals 2D Cultures of Human iPSC-Derived Neural Progenitor Cells More Sensitive than 3D Spheroid System Against the Experimental Exposure to Arsenic.

Fluorochloridone induces mitochondrial dysfunction and apoptosis in primary goat Sertoli cells.

Updated Intrinsic Role of Phytochemicals against Glyphosate-induced Neurotoxicity: Systematic Review.

Occupational exposure to polychlorinated biphenyls: Development of neuropsychological functions over time.

Evaluation of *Salvia hispanica* as a Therapeutic Agent against Sodium Arsenic-Induced Testicular Toxicity in a Male Rats Model.

Cardiac Radiofrequency Ablation Exacerbates Myocardial Injury through Pro-Inflammatory Response and Pro-Oxidative Stress in Elderly Patients with Persistent Atrial Fibrillation.

Salvianolic acid A attenuates arsenic-induced ferroptosis and kidney injury via HIF-2 \uparrow /DUOX1/GPX4 and iron homeostasis.

A study of the pesticide residues in rapeseeds in China: Levels, distribution and health risk assessment.

Zingerone attenuates sciatic nerve damage caused by sodium arsenite by inhibiting NF- κ B, caspase-3, and ATF-6/CHOP pathways and activating the Akt2/FOXO1 pathway.

TRPA1 as a promising target in ischemia/reperfusion: A comprehensive review.

Elucidating the efficacy of functionalized multi-walled carbon nanotube in the biogenesis of L-Dopa and antioxidant metabolites in cell cultures of *Hybanthus enneaspermus*.

Impaired Detoxification of Trans, Trans-2,4-Decadienal, an Oxidation Product from Omega-6 Fatty Acids, Alters Insulin Signaling, Gluconeogenesis and Promotes Microvascular Disease.

Persistent Neutrophil Infiltration and Unique Ocular Surface Microbiome Typify Dupilumab-Associated Conjunctivitis in Patients with Atopic Dermatitis.

Examination of urinary pesticide concentrations, protective behaviors, and risk perceptions among Latino and Latina farmworkers in Southwestern Idaho.

Agent Orange Toxicity.

Phenol Toxicity.

Organophosphate Toxicity.

[Favorable evolution of severe paraquat poisoning. Treatment with gastric lavage, activated charcoal, cyclophosphamide + corticoids, and conventional daily hemodialysis: case study at the Franck Joly Hospital Center in French Guiana].

Holistic Assessment Based On Hepatocyte Mitochondria: Lycopene Repairs Oxidized mtDNA to Alleviate Mitochondrial Stress Induced by Atrazine.

Maternal exposure of mice to glyphosate induces depression- and anxiety-like behavior in the offspring via alterations of the gut-brain axis.

Selectivity of herbicides used in corn on *Crotalaria ochroleuca* G. Don.

Dienediamine: A safe surrogate for the herbicide paraquat.

Integrating transcriptome and physiological analyses to elucidate the molecular responses of sorghum to fluxofenim and metolachlor herbicide.

2-Methoxyestradiol ameliorates paraquat-induced pulmonary fibrosis by inhibiting the TGF- β 1/Smad2/3 signaling pathway.

Serum metabolome and liver transcriptome reveal acrolein inhalation-induced sex-specific homeostatic dysfunction.

Self-reported and urinary biomarker-based measures of exposure to glyphosate and mancozeb and sleep problems among smallholder farmers in Uganda.

Modifying effects of 2,4-D and Glyphosate exposures on gut-liver-adipose tissue axis of diet-induced non-alcoholic fatty liver disease in mice.

Effect of atrazine on testicular toxicity involves accommodative disorder of xenobiotic metabolizing enzymes system and testosterone synthesis in European quail (*Coturnix coturnix*).

The inadequacy of current pesticide regulations for protecting brain health: the case of glyphosate and Parkinson's disease.

Unraveling the combined deleterious effects of ochratoxin A and atrazine upon broiler's health: Toxicopathological, serum biochemical and immunological perspectives.

Association of glyphosate exposure with multiple adverse outcomes and potential mediators.

Impact of Agent Orange Exposure on Non-muscle Invasive Bladder Cancer Outcomes.

The effects of metallothionein in paraquat-induced Parkinson disease model of zebrafish.

Fostering temporal crop diversification to reduce pesticide use.

Sub-acute toxicity of the herbicide glufosinate-ammonium exposure in adult red swamp crayfish (*Procambarus clarkii*).

Mutagenicity, hepatotoxicity, and neurotoxicity of glyphosate and fipronil commercial formulations in Amazon turtles neonates (*Podocnemis expansa*).

Investigating the effects of mesotrione/atrazine-based herbicide on honey bee foragers.

Ecotoxicology of the herbicide paraquat: effects on wildlife and knowledge gaps.

The novel peptide DR4penA attenuates the bleomycin- and paraquat-induced pulmonary fibrosis by suppressing the TGF- β 2/Smad signaling pathway.

Toxicity assessment and detoxification metabolism of sodium pentachlorophenol (PCP-Na) on marine economic species: a case study of *Moerella iridescens* and *Exopalaemon carinicauda*.

The effects of *Crocus sativus* extract on inhaled paraquat-induced lung inflammation, oxidative stress, pathological changes and tracheal responsiveness in rats.

Abnormalities of serum lipid metabolism in patients with acute paraquat poisoning caused by ferroptosis.

Phytotoxicity and cytogenotoxicity of pesticide mixtures: analysis of the effects of environmentally relevant concentrations on the aquatic environment.

Molecular mechanism of paraquat-induced ferroptosis leading to pulmonary fibrosis mediated by Keap1/Nrf2 signaling pathway.

Effects of glyphosate exposure on western diet-induced non-alcoholic fatty liver disease in mice.

Cyanobacterial degradation of herbicide 2,4-dichlorophenoxyacetic acid (2,4-D): Its response to the oxidative stress induced by the primary degradation product 2,4-dichlorophenol (2,4-DCP).

Acrolein increases the concentration of intracellular Zn(2)⁺ by producing mitochondrial reactive oxygen species in A549 cells.

Exposure to pesticides and risk of Hodgkin lymphoma in an international consortium of agricultural cohorts (AGRICOH).

Zinc Oxide Nanoparticles and Vitamin C Ameliorate Atrazine-Induced Hepatic Apoptosis in Rat via CYP450s/ROS Pathway and Immunomodulation.

Neurotoxicity of Glyphosate to Planarian *Dugesia japonica*.

Higher urinary glyphosate exposure is associated with increased risk of liver dysfunction in adults: An analysis of NHANES, 2013-2016.

Glyphosate and environmental toxicity with "One Health" approach, a review.

Long-Term Effects of Perinatal Exposure to a Glyphosate-Based Herbicide on Melatonin Levels and Oxidative Brain Damage in Adult Male Rats.

Effects of defoliant exposure and medication use on the development of Parkinson's disease in veterans.

Predicting acute paraquat toxicity using physiologically based kinetic modelling incorporating in vitro active renal excretion via the OCT2 transporter.

Effect of sublethal concentrations of glyphosate-based herbicides (Roundup Active®) on skin of the tropical frog (*Dendropsophus molitor*).

Adverse developmental impacts in progeny of zebrafish exposed to the agricultural herbicide atrazine during embryogenesis.

Hydrolysis of propyrisulfuron in water: Kinetics, influence of 34 environmental factors, transformation products identification, mechanisms and toxicities.

Astaxanthin ameliorates dopaminergic neuron damage in paraquat-induced SH-SY5Y cells and mouse models of Parkinson's disease.

Sulfoxaflor effects depend on the interaction with other pesticides and *Nosema ceranae* infection in the honey bee (*Apis mellifera*).

FAM13A regulates cellular senescence marker p21 and mitochondrial reactive oxygen species production in airway epithelial cells.

Paraquat-induced ferroptosis suppression via NRF2 expression regulation.

Nano-TiO₂ aggravates the adverse effect of pentachlorophenol on antioxidant and immune response in anti-predatory mussels.

The Protective Role of Oleuropein Aglycone against Pesticide-Induced Toxicity in a Human Keratinocytes Cell Model.

Microglia-derived exosomal circZNF1 alleviates paraquat-induced neuronal cell damage via miR-17-5p.

Measurement of an intestinal biomarker during poisonings from select toxicants and toxins.

Effects of acephate and glyphosate-based agrochemicals on the survival and flight of *Plebeia lucii* Moure, 2004 (Apidae: Meliponini).

Acrolein Induces Retinal Abnormalities of Alzheimer's Disease in Mice.

Effects of glyphosate-based herbicides and glyphosate exposure on sex hormones and the reproductive system: From epidemiological evidence to mechanistic insights.

2,4-dichlorophenoxyacetic acid (2,4-D) exposure during postnatal development alters the effects of western diet on mouse prostate.

Chronic dietary exposure to a glyphosate-based herbicide in broiler hens has long-term impacts on the progeny metabolism.

Toxicological effects of ocular acrolein exposure to eyelids in rabbits in vivo.

Acyl-CoA dehydrogenase substrate promiscuity: Challenges and opportunities for development of substrate reduction therapy in disorders of valine and isoleucine metabolism.

Herbicide atrazine impairs metabolic plasticity of mixotrophic organisms: Evidence in photochemistry, morphology, and gene expression.

[Study on the occupational exposure limit of glyphosate in the air of workplace].

Response to oxidative stress of AML12 hepatocyte cells with knockout of methionine sulfoxide reductases.

Assessment of the impact of glyphosate and 2,4-D herbicides on the kidney injury and transcriptome changes in obese mice fed a Western diet.

Subacute exposure to Roundup® changes steroidogenesis and gene expression of the glutathione-glutaredoxin system in rat ovaries: Implications for ovarian toxicity of this glyphosate-based herbicide.

The diabetogenic effects of pesticides: Evidence based on epidemiological and toxicological studies.

A single exposure to sub-lethal concentrations of a glyphosate-based herbicide or fluoxetine-based agent on growth performance in Nile tilapia.

Synergistic toxicity of 2,4-dichlorophenoxyacetic acid and arsenic alters biomarkers in rats.

Development of a microplate-based novel toxicity bioassay using Chlorophyta and Phaeophyceae macroalgae.

Dimethylarsinic acid induces bladder carcinogenesis via the amphiregulin pathway.

Transcriptomic analysis of maize uncovers putative genes involved in metabolic detoxification under four safeners treatment.

Integrated metabolomics and transcriptomics reveal glyphosate based-herbicide induced reproductive toxicity through disturbing energy and nucleotide metabolism in mice testes.

Mitochondrial Complex I Inhibition in Dopaminergic Neurons Causes Altered Protein Profile and Protein Oxidation: Implications for Parkinson's disease.

Acrolein produced during acute kidney injury promotes tubular cell death.

Acute toxicity of three herbicide formulations of *Astyanax altiparanae* (Characiformes, Characidae), an emerging neotropical fish model species.

Variations in the Behaviour, Survival, Haematology, and Biochemistry of *Ctenopharyngodon idella* (Grass Carp) After Exposure to Commercial Grade Atrazine.

Upregulation of mitochondrial calcium uniporter contributes to paraquat-induced neuropathology linked to Parkinson's disease via imbalanced OPA1 processing.

The acute effects of fipronil and 2,4-D, individually and in mixture: a threat to the freshwater Calanoida copepod *Notodiaptomus iheringi*.

The role of acrolein for E-cigarette vapour condensate mediated activation of NADPH oxidase in cultured endothelial cells and macrophages.

Immunotoxicity of relevant mixtures of pesticides and metabolites on THP-1 cells.

Elucidating the effects of acute and chronic exposure to 2,4-Dichlorophenoxyacetic acid on fathead minnow (*Pimephales promelas*) innate immunity.

Selected herbicides screened for toxicity and analysed as inhibitors of both cholinesterases.

Association of PKLR gene copy number, expression levels and enzyme activity with 2,3,7,8-TCDD exposure in individuals exposed to Agent Orange/Dioxin in Vietnam.

Co-exposure of iron oxide nanoparticles with glyphosate herbicides in *Poecilia reticulata*: Fish liver damages is reversible during iron accumulation and elimination period.

Chlorogenic acid protective effects on paraquat-induced pulmonary oxidative damage and fibrosis in rats.

Maternal pre-conceptual glyphosate exposure impacts the offspring hepatic and ovarian proteome.

Comparative toxicity assessment of glyphosate and two commercial formulations in the planarian *Dugesia japonica*.

Embryonic abnormalities and genotoxicity induced by 2,4-dichlorophenoxyacetic acid during indirect somatic embryogenesis in *Coffea*.

Atrazine exposure can dysregulate the immune system and increase the susceptibility against pathogens in honeybees in a dose-dependent manner.

DNA Damage Estimation after Chronic and Combined Exposure to Endocrine Disruptors: An In Vivo Real-Life Risk Simulation Approach.

Cannabidiol Protects Dopaminergic-like Neurons against Paraquat- and Maneb-Induced Cell Death through Safeguarding DJ-1/CYS(106) and Caspase 3 Independently of Cannabinoid Receptors: Relevance in Parkinson's Disease.

Safety profile evaluation of different herbicides used on peach rootstock seedlings.

Intralipid and caffeic acid phenethyl ester reverse the neurotoxic effects of organophosphate poisoning in rats.

[Experimental study on the toxicokinetics and gastrointestinal damage in rats poisoned with acute diquat poisoning at different exposure doses].

Neurotoxic effects of exposure to glyphosate in rat striatum: Effects and mechanisms of action on dopaminergic neurotransmission.

Sex-specific respiratory and systemic endocrine effects of acute acrolein and trichloroethylene inhalation.

Low-dose glyphosate exposure alters gut microbiota composition and modulates gut homeostasis.

The impact of early-life exposure to three agrochemicals on survival, behavior, and gut microbiota of stingless bees (*Partamona helleri*).

Glyphosate induces autophagy in hepatic L8824 cell line through NO-mediated activation of RAS/RAF/MEK/ERK signaling pathway and energy metabolism disorders.

Paraquat-induced neurogenesis abnormalities via Drp1-mediated mitochondrial fission.

Hydrogen sulfide protects Sertoli cells against toxicant Acrolein-induced cell injury.

Evaluation of nano-curcumin against inhaled paraquat-induced lung injury in rats.

Fungal biodegradation of chlorinated herbicides: an overview with an emphasis on 2,4-D in Argentina.

Glyphosate-induced liver and kidney dysfunction, oxidative stress, immunosuppression in Nile tilapia, but ginger showed a protection role.

Highly Diluted Glyphosate Mitigates Its Effects on *Artemia salina*: Physicochemical Implications.

Nitric oxide-mediated the therapeutic properties of induced pluripotent stem cell for paraquat-induced acute lung injury.

Melatonin ameliorates acute lung injury caused by paraquat poisoning by promoting PINK1 and BNIP3 expression.

Prepubertal to adulthood exposure to low doses of glyphosate-based herbicide increases the expression of the Havcr1 (Kim1) biomarker and causes mild kidney alterations.

Looking beyond Cancer: Glyphosate and Liver, Metabolic Diseases in Youth.

Glyphosate-based formulation affects *Tetragonisca angustula* worker's locomotion, behavior and biology.

Toxicity of fipronil and 2,4-D pesticides in *Daphnia similis*: a multiple endpoint approach.

Xylopia aethiopica suppresses markers of oxidative stress, inflammation, and cell death in the brain of Wistar rats exposed to glyphosate.

Therapeutic effect of gossypetin against paraquat-induced testicular damage in male rats: a histological and biochemical study.

Toxicity of antifouling biocides on planktonic and benthic neotropical species.

A mixture of 13 pesticides, contaminants, and food additives below individual NOAELs produces histopathological and organ weight changes in rats.

Pendimethalin exposure disrupts mitochondrial function and impairs processes related to implantation.

Predicting structural features of selected flavonoids responsible for neuroprotection in a *Drosophila* model of Parkinson's disease.

The Parkinson-Associated Toxin Paraquat Shifts Physiological β -Synuclein Tetramers toward Monomers That Can Be Calpain-Truncated and Form Oligomers.

Prolonged exposure to the herbicide atrazine promotes kidney fibrosis by activating Wnt/ β -catenin signaling in rats.

Glyphosate Interference in Follicular Organization in the Wall Lizard *Podarcis siculus*.

The interplay between lncRNA NR_030777 and SF3B3 in neuronal damage caused by paraquat.

Atrazine contaminated sites and bullfrog tadpoles: evasive trends and biochemical consequences.

Realistic scenarios of pesticide exposure alters multiple biomarkers in BOANA PULCHELLA (ANURA) Adult Frogs.

Role of NF- κ B/IL-1 β Pathway and Caspase 3 in Mediating the Hepatoprotective Effect of Rutin against Paraquat-Induced Liver Toxicity in Male Rats.

Sulforaphane suppresses paraquat-induced oxidative damage in bovine *in vitro*-matured oocytes through Nrf2 transduction pathway.

Therapeutic potential of amitriptyline for paraquat-induced pulmonary fibrosis: Involvement of caveolin-1-mediated anti-epithelial-mesenchymal transition and inhibition of apoptosis.

Human 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure and thyroid cancer risk.

An analysis of birth defects and developmental disabilities for children of participants of the Air Force Health Study.

Impact of sub-acute acrolein inhalation on the molecular regulation of mitochondrial metabolism in rat lung.

Lycopene ameliorates atrazine-induced spatial learning and memory impairments by inhibiting ferroptosis in the hippocampus of mice.

A novel mechanism of Dimethyl ester of Alpha-ketoglutarate in suppressing Paraquat-induced BEAS-2B cell injury by alleviating GSDME dependent pyroptosis.

A search for acrolein scavengers among food components.

Complex mixtures of pesticides and metabolites modulate the malignant phenotype of murine melanoma B16-F1 cells.

Effects of the herbicide ametryn on development and thyroidogenesis of bullfrog tadpoles (*Aquarana catesbeiana*) under different temperatures.

Piranhea trifoliata extracts ameliorate muscular decline in *Drosophila melanogaster* exposed to Paraquat.

Using membrane-water partition coefficients in a critical membrane burden approach to aid the identification of neutral and ionizable chemicals that induce acute toxicity below narcosis levels.

Perinatal exposure to high concentration glyphosate-based herbicides induces intestinal apoptosis by activating endoplasmic reticulum stress in offspring.

A Roundup herbicide causes high mortality and impairs development of *Chrysoperla carnea* (Stephens) (Neuroptera: Chrysopidae).

Contrasting effects of fungicide and herbicide active ingredients and their formulations on bumblebee learning and behaviour.

Investigating the effects of glyphosate on the bumblebee proteome and microbiota.

Parasite and Pesticide Impacts on the Bumblebee (*Bombus terrestris*) Haemolymph Proteome.

The Tobacco Smoke Component, Acrolein, as a Major Culprit in Lung Diseases and Respiratory Cancers: Molecular Mechanisms of Acrolein Cytotoxic Activity.

Cyhalofop-butyl exposure induces the severe hepatotoxicity and immunotoxicity in zebrafish embryos.

Toxicity of herbicide glyphosate to planarian *Dugesia japonica* and its potential molecular mechanisms.

Atrazine induces phagocytotic dysfunction of microglia depends on nucleocytoplasmic translocation of acetylated HMGB1.

Maternal exposure to a glyphosate-based herbicide impairs placental development through endoplasmic reticulum stress in mice.

Tripterygium wilfordii Hook.f. ameliorates paraquat-induced lung injury by reducing oxidative stress and ferroptosis via Nrf2/HO-1 pathway.

Toxicity of POEA-containing glyphosate-based herbicides to amphibians is mainly due to the surfactant, not to the active ingredient.

Adult exposure of atrazine alone or in combination with carbohydrate diet hastens the onset/progression of type 2 diabetes in *Drosophila*.

Screening potential toxicity of currently used herbicides in the freshwater amphipod *Gammarus fossarum* based on multi-level biomarker responses to field-realistic exposures.

Phytogenotoxicity of thymol and semisynthetic thymoxyacetic acid in pre/post emergence of model plants and weeds.

Transcriptome analysis reveals the mechanisms of hepatic injury caused by long-term environmental exposure to atrazine in juvenile common carp (*Cyprinus carpio* L.).

Behavioral and neuroinflammatory changes caused by glyphosate: Base herbicide in mice offspring.

Combined toxicity of Cd and 2,4-dichlorophenoxyacetic acid on the earthworm *Eisenia andrei* under biochar amendment.

Glyphosate-triggered hepatocyte ferroptosis via suppressing Nrf2/GSH/GPX4 axis exacerbates hepatotoxicity.

Rapid determination of polyethoxylated tallow amine surfactants in human plasma by LC-MSMS.

Does atrazine induce changes in predator recognition, growth, morphology, and metamorphic traits of larval skipper frogs (*Euphyctis cyanophlyctis*)?

Chitooligosaccharides Derivatives Protect ARPE-19 Cells against Acrolein-Induced Oxidative Injury.

Integrin Mac1 mediates paraquat and maneb-induced learning and memory impairments in mice through NADPH oxidase-NLRP3 inflammasome axis-dependent microglial activation.

Human health risks and hepatotoxicity associated with exposure to atrazine surveyed in drinking water from Ijebu-North, Southwest, Nigeria.

Sorption behaviour and toxicity of an herbicide safener "cyprosulfamide".

Single-cell transcriptome analysis reveals liver injury induced by glyphosate in mice.

Bioinformatics analysis of the potential mechanisms of Alzheimer's disease induced by exposure to combined triazine herbicides.

Dimethyl fumarate attenuates paraquat-induced pulmonary oxidative stress, inflammation and fibrosis in mice.

Alterations in cell viability, reactive oxygen species production, and modulation of gene expression involved in mitogen-activated protein kinase/extracellular regulating kinase signaling pathway by glyphosate and its commercial formulation in hepatocellular carcinoma cells.

Glyphosate based-herbicide disrupts energy metabolism and activates inflammatory response through oxidative stress in mice liver.

Water quality criteria derivation and tiered ecological risk evaluation of antifouling biocides in marine environment.

Multi-and transgenerational synergistic effects of glyphosate and chlorpyrifos at environmentally relevant concentrations in the estuarine rotifer *Proales similis*.

Global warming and glyphosate toxicity (I): Adult zebrafish modelling with behavioural, immunohistochemical and metabolomic approaches.

Mitigating effect of L-carnitine against atrazine-induced hepatotoxicity: histopathological and biochemical analyses in albino rats.

Effect of three commercial algaecides on cyanobacteria and microcystin-LR: implications for drinking water treatment using activated carbon.

Pterostilbene Confers Protection against Diquat-Induced Intestinal Damage with Potential Regulation of Redox Status and Ferroptosis in Broiler Chickens.

[The risk prediction value of paraquat poisoning dose, urine protein and myocardial enzymes].

Responses of *Chironomus sancticarloi* to the simulation of environmental contamination by sugarcane management practices: Water and sediment toxicity.

Field-realistic acute exposure to glyphosate-based herbicide impairs fine-color discrimination in bumblebees.

Is nanoparaquat safer than bulk paraquat? An in vitro and in vivo evaluation.

Exposure to the pesticides linuron, dimethomorph and imazalil alters steroid hormone profiles and gene expression in developing rat ovaries.

Ecotoxicological relevance of glyphosate and flazasulfuron to soil habitat and retention functions - Single vs combined exposures.

Disruption of the Molecular Regulation of Mitochondrial Metabolism in Airway and Lung Epithelial Cells by Cigarette Smoke: Are Aldehydes the Culprit?

Magnolol supplementation alleviates diquat-induced oxidative stress via PI3K-Akt in broiler chickens.

Can herbicides of different mode of action cause injury symptoms in non-herbicide-tolerant young soybean due to simulated drift?

Soybean injury caused by the application of subdoses of 2,4-D or dicamba, in simulated drift.

Physiological and growth responses of cacao to glyphosate exposure.

Effect of zinc supplementation on immunotoxicity induced by subchronic oral exposure to glyphosate-based herbicide (GOBARA[®]) in Wistar rats.

Evaluation of acute toxicity and histology effect on liver of glyphosate and atrazine in the African catfish *Clarias gariepinus* (Burchell 1822).

Herbicide prometryn adversely affects the development and reproduction of *Tigriopus japonicus* by disturbing the ecdysone signal pathway and chitin metabolic pathway.

Ecogenotoxicity of environmentally relevant atrazine concentrations: A threat to aquatic bioindicators.

Maternal exposure to glyphosate-based herbicide causes changes in the vascular function of offspring adult rats.

Paraquat induces different programmed cell death patterns in *Microcystis aeruginosa* and *Chlorella luteoviridis*.

DNA methylation and histone methylation involved in multi-/trans-generational reproductive effects in *Caenorhabditis elegans* induced by Atrazine.

Human serum lipidomics analysis revealed glyphosate may lead to lipid metabolism disorders and health risks.

HIF-1 α promotes paraquat induced acute lung injury and implicates a role NF- κ B and Rac2 activity.

Disturbance of cellular calcium homeostasis plays a pivotal role in glyphosate-based herbicide-induced oxidative stress.

Chronic effects of environmental concentrations of antifoulant diuron on two marine fish: Assessment of hormone levels, immunity, and antioxidant defense system.

Comparison of the effect of glyphosate and glyphosate-based herbicide on hippocampal neurogenesis after developmental exposure in rats.

Toxicity comparison of atrazine on *Eisenia fetida* in artificial soil and three natural soils.

Short and long-term exposure to the pesticides fipronil and 2,4-D: Effects on behavior and life history of *Daphnia magna*.

Cryptotanshinone protects against oxidative stress in the paraquat-induced Parkinson's disease model.

The aquatic macrophyte *Salvinia molesta* mitigates herbicides (glyphosate and aminomethylphosphonic acid) effects to aquatic invertebrates.

Synergistic toxicity of ethanol and 2,4-dichlorophenoxyacetic acid enhances oxidant status, DNA damage, inflammation, and apoptosis in rats.

Systematic literature review of the epidemiology of glyphosate and neurological outcomes.

Suppressor of cytokine signaling 3-derived peptide as a therapeutic for inflammatory and oxidative stress-induced damage to the retina.

A mass event of paraquat poisoning via inhalation.

Structure-based discovery of pyrazole-benzothiadiazole hybrid as human HPPD inhibitors.

[Protective effect of metformin on pulmonary fibrosis caused by paraquat through activating AMP-activated protein kinase pathway].

Exposure to Agent Orange and Hepatocellular Carcinoma Among US Military Personnel.

Integrated untargeted and targeted proteomics to unveil plasma prognostic markers for patients with acute paraquat poisoning: A pilot study.

Subchronic feeding study of glyphosate-tolerant maize GG2 with the gr79-epsps and gat genes in Wistar Han RCC rats.

Effects of glyphosate exposure on gut-liver axis: Metabolomic and mechanistic analysis in grass carp (*Ctenopharyngodon idellus*).

Effect of glyphosate-based herbicide roundup on hemato-biochemistry of *Labeo rohita* (Hamilton, 1822) and susceptibility to *Aeromonas hydrophila* infection.

Metabolomics analyses of cancer tissue from patients with colorectal cancer.

106 Cases of homicide poisoning in China-A retrospective study.

Evaluating the Anti-Melanoma Effects and Toxicity of Cinnamaldehyde Analogues.

Genetic Susceptibility to Neurotoxicity Related to Prenatal Inorganic Arsenic Exposure in Young Spanish Children.

Study on the therapeutic effect of glucocorticoids on acute kidney injury in rats exposed to diquat.

Single-chemical and mixture effects of multiple volatile organic compounds exposure on liver injury and risk of non-alcoholic fatty liver disease in a representative general adult population.

Acrolein produced by glioma cells under hypoxia inhibits neutrophil AKT activity and suppresses anti-tumoral activities.

A review of the characteristic properties of selected tobacco chemicals and their associated etiological risks.

Computational biology and in vitro studies for anticipating cancer-related molecular targets of sweet wormwood (*Artemisia annua*).

Remarkable Recovery in a Patient with Lethal Dose Paraquat Poisoning: A Case Report.

Clinical and pathological characteristics of acute kidney injury caused by diquat poisoning.

Sympathetic and angiotensinergic activity in spontaneously hypertensive rats treated with 3-amino-1,2,4-triazole.

Assessment of pulmonary fibrosis induced by paraquat using Al(18)F-NODA-FAPI-04 PET/CT.

Hydralazine Promotes Central Nervous System Recovery after Spinal Cord Injury by Suppressing Oxidative Stress and Inflammation through Macrophage Regulation.

Impacts of the COVID-19 pandemic on landfilling and recycling in the city of Fargo, North Dakota, USA.

Exposure to environmental concentrations of glyphosate induces cardiotoxicity through cellular senescence and reduced cell proliferation capacity.

Soluble thrombomodulin alleviates Diquat-induced acute kidney injury by inhibiting the HMGB1/IL-1 β /NF- κ B signalling pathway.

Triazine herbicides exposure, natural immunoglobulin M antibodies, and fasting plasma glucose changes: Association and mediation analyses in general Chinese urban adults.

CtBP Neuroprotective Role in Toxin-Based Parkinson's Disease Models: From Expression Pattern to Dopaminergic Survival.

The contribution of initial concussive forces and resulting acrolein surge to β -amyloid accumulation and functional alterations in neuronal networks using a TBI-on-a-chip model.

[Predictive value of serum lactate dehydrogenase on prognosis of patients with paraquat poisoning].

Glyphosate Causes Vascular Toxicity through Cellular Senescence and Lipid Accumulation.

PRKN/parkin-mediated mitophagy is induced by the probiotics *Saccharomyces boulardii* and *Lactococcus lactis*.

Acrolein adducts and responding autoantibodies correlate with metabolic disturbance in Alzheimer's disease.

[Epidemiological characteristics of pesticide poisoning in Chengdu City from 2012 to 2021].

TRPA1 deficiency aggravates dilated cardiomyopathy by promoting S100A8 expression to induce M1 macrophage polarization in rats.

Paraquat, Parkinson's Disease, and Agnotology.

Trehalose prevents glyphosate-induced hepatic steatosis in roosters by activating the Nrf2 pathway and inhibiting NLRP3 inflammasome activation.

Acrolein Exposure Impaired Glucose Homeostasis and Increased Risk of Type 2 Diabetes: An Urban Adult Population-Based Cohort Study with Repeated Measures.

Hypoxia inducible factor-1 α (HIF-1 α) as an early predictor of acute hydrogen cyanamide (Dormex) poisoning.

Glyphosate-induced autophagy inhibition results in hepatic steatosis via mediating epigenetic reprogramming of PPAR α in roosters.

Hydralazine plays an immunomodulation role of pro-regeneration in a mouse model of spinal cord injury.

[A case of delayed peripheral neuropathy caused by diquat poisoning].

Inactivation of microglia dampens blood-brain barrier permeability and loss of dopaminergic neurons in paraquat-lesioned mice.

Paraquat exposure produces sex-dependent reduction in binge-like alcohol drinking in high alcohol-preferring mice.

Sensitization of GSH synthesis by curcumin curtails acrolein-induced alveolar epithelial apoptosis via Keap1 cysteine conjugation: A randomized controlled trial and experimental animal model of pneumonitis.

Diet as a Source of Acrolein: Molecular Basis of Aldehyde Biological Activity in Diabetes and Digestive System Diseases.

Proximity to residential and workplace pesticides application and the risk of progression of Parkinson's diseases in Central California.

Association of Lifetime Exposure to Glyphosate and Aminomethylphosphonic Acid (AMPA) with Liver Inflammation and Metabolic Syndrome at Young Adulthood: Findings from the CHAMACOS Study.

Prenatal exposure to pesticides and domain-specific neurodevelopment at age 12 and 18 months in Nanjing, China.

Inhibition of soluble epoxide hydrolase reduces paraquat neurotoxicity in rodents.

Snake venom nerve growth factor-inspired designing of novel peptide therapeutics for the prevention of paraquat-induced apoptosis, neurodegeneration, and alteration of metabolic pathway genes in the rat pheochromocytoma PC-12 cell.

The trend of ammonia levels in patients with glufosinate ammonium poisoning with respect to neurotoxicity.

[Effect of pirfenidone on paraquat-induced pulmonary fibrosis in rats].

[Effects of Nintedanib associated with Shenfu Injection on paraquat-induced lung injury in rats].

Glyphosate in house dust and risk of childhood acute lymphoblastic leukemia in California.

Sodium arsenite and dimethylarsenic acid induces apoptosis in OC3 oral cavity cancer cells.

Organotin and organochlorine toxicants activate key translational regulatory proteins in human immune cells.

Dietary cinnamaldehyde improves muscle protein content by promoting muscle fiber growth via PTP1B/IGF1/PI3K/AKTs-TOR/FOXO3a signaling pathway in grass carp (*Ctenopharyngodon idella*).

Clinical and pathological characteristics of diquat poisoning-related acute kidney injury.

Urinary Amino Acid-Conjugated Acrolein and Taurine as New Biomarkers for Detection of Dementia.

Follow-up of patients with a 5-year survival after paraquat poisoning using computed tomography images and spirometry.

Dose ingested, vomiting, and outcome in patients ingesting a standard paraquat 20SL formulation.

Arsenic exposure and prevalence of human papillomavirus in the US male population.

A neuroprotective dose of trehalose is harmless to metabolic organs: comprehensive histopathological analysis of liver, pancreas, and kidney.

[A Preliminary Study on the Plasma Metabolomic Profiles of Patients Suffering From Acute Diquat Poisoning].

Sciadopitysin mitigates spermatological and testicular damage instigated by paraquat administration in male albino rats.

Polyamine-Derived Aminoaldehydes and Acrolein: Cytotoxicity, Reactivity and Analysis of the Induced Protein Modifications.

Herbicides may threaten advances in biological control of diseases and pests.

Selenium-dependent glutathione peroxidase 1 regulates transcription of elongase 3 in murine tissues.

Methylothetic methanogens and bacteria synergistically demethylate dimethylarsenate in paddy soil and alleviate rice straighthead disease.

Terminal Residue and Dietary Risk Assessment of Atrazine and Isoxaflutole in Corn Using High-Performance Liquid Chromatography-Tandem Mass Spectrometry.

The herbicide glyphosate inhibits hippocampal long-term potentiation and learning through activation of pro-inflammatory signaling.

[A Meta-analysis of the predictive value of peripheral blood neutrophil to lymphocyte ratio in mortality of patients with acute paraquat poisoning].

Human health risk assessment based on direct and indirect exposure to endocrine disrupting herbicides in drinking, ground, and surface water in Croatia.

Roundup® disrupts tissue architecture, attenuates Na(+)/K(+)-ATPase expression, and induces protein oxidation/nitration, cellular apoptosis, and antioxidant enzyme expressions in the gills of goldfish, *Carassius auratus*.

The effects of glyphosate-based herbicide on the hypothalamic-pituitary thyroid axis are tissue-specific and dependent on age exposure.

Teratogenic effects of the dicamba herbicide in Zebrafish (*Danio rerio*) embryos.

Herbicide exposure during occupational knapsack spraying in French gardeners and municipal workers.

Contaminant occurrence, water quality criteria and tiered ecological risk assessment in water: A case study of antifouling biocides in the Qiantang River and its estuary, Eastern China.

Peroxiredoxin 5 overexpression decreases oxidative stress and dopaminergic cell death mediated by paraquat.

Fitness assessment of *Mytilus galloprovincialis* Lamarck, 1819 after exposure to herbicide metabolite propachlor ESA.

Simultaneous determination and dietary intake risk assessment of 60 herbicide residues in aquatic products.

Novel In Vitro Intestinal Microbiome Model to Study Lipidomic and Metabolomic Adaptations Due to Exposure to Glyphosate, Perfluorooctanoic Acid, and Docusate Sodium.

The significance of APACHE II as a predictor of mortality in paraquat poisoning: A systematic review and meta-analysis.

Farm Machinery Injuries: A Retrospective Analysis of Admissions at a Level I Trauma Center in North Dakota.

Influences of glyphosate residues and different concentrate feed proportions in dairy cow rations during early gestation on performance, blood parameters, functional properties and DNA damage of blood cells in cows and their offspring.

Opinion: "High-Dose Immunosuppression to Prevent Death after Paraquat Self-Poisoning"- Under Estimation of a Significant Effect with Small Mortality Rate Reduction.

Tracking Targets of Dynamic Super-Enhancers in Vitro to Better Characterize Osteoclastogenesis and to Evaluate the Effect of Diuron on the Maturation of Human Bone Cells.

Ovaries of guppies (*Poecilia reticulata*) investigated in pre-embryonic, embryonic and post-embryonic stages after exposure to maghemite nanoparticles ($\gamma\text{-Fe(2)O(3)}$) associated with Roundup® and glyphosate, followed by recovery period evaluation.

Metabolomics profile of plasma in acute diquat-poisoned patients using gas chromatography-mass spectrometry.

Chemical monitoring and risk assessment of 56 pesticides in the Ave River and adjoining Atlantic coastline (Iberian Peninsula, Portugal).

Mutation of Arabidopsis SME1 and Sm core assembly improves oxidative stress resilience.

Occurrence, fate, seasonal variability, and risk assessment of twelve triazine herbicides and eight related derivatives in source, treated, and tap water of Wuhan, Central China.

Melatonin ameliorates glyphosate- and hard water-induced renal tubular epithelial cell senescence via PINK1-Parkin-dependent mitophagy.

Insights into the effects of sublethal doses of pesticides glufosinate-ammonium and sulfoxaflor on honey bee health.

Safety assessment of subchronic feeding of insect-resistant and herbicide-resistant transgenic soybeans to juvenile channel catfish (*Ictalurus punctatus*).

HPLC-MS/MS determination and the postmortem distribution or postmortem redistribution of paraquat and its metabolites in four fatal intoxication cases.

Associations of arsenic exposure with liver injury in US adults: NHANES 2003-2018.

Evaluating pesticide mixture risks in French Mediterranean coastal lagoons waters.

Comprehensive Assessment of Enantioselective Bioactivity, Toxicity, and Dissipation in Soil of the Chiral Herbicide Flurtamone.

Refining acute human exposure assessment to pesticides in surface water: An integrated data-driven modeling approach.

Dose-dependent inhibitory effects of glyphosate on invasive *Pomacea canaliculata* reproductive and developmental growth under oxidative deposition.

Cyhalofop-butyl and pyribenzoxim-induced oxidative stress and transcriptome changes in the muscle of crayfish (*Procambarus clarkii*).

The retinoid metabolism of *Gammarus fossarum* is disrupted by exogenous all-trans retinoic acid, citral, and methoprene but not by the technical formulation of glyphosate.

Urine glyphosate exposure and serum sex hormone disruption within the 2013-2014 National Health and Nutrition Examination survey (NHANES).

Glyphosate metabolism in *Tetrahymena thermophila*: A shotgun proteomic analysis approach.

Field evaluation of spray drift and nontargeted soybean injury from unmanned aerial spraying system herbicide application under acceptable operation conditions.

Impact of Chronic Multi-Generational Exposure to an Environmentally Relevant Atrazine Concentration on Testicular Development and Function in Mice.

Chronic dietary exposure to total arsenic, inorganic arsenic and water-soluble organic arsenic species based on results of the first German total diet study.

Developmental toxicity of prometryn induces mitochondrial dysfunction, oxidative stress, and failure of organogenesis in zebrafish (*Danio rerio*).

Molecular Characteristics of Toxicity of Acrolein Produced from Spermine.

The role of surface activity on the amyloid fibrillation pathway of bovine serum albumin upon interaction with glyphosate.

Pharmacokinetic and Permeation Studies in Rat Brain of Natural Compounds Led to Investigate Eugenol as Direct Activator of Dopamine Release in PC12 Cells.

Reduction of Dimethylarsenate to Highly Toxic Dimethylarsenite in Paddy Soil and Rice Plants.

Ecological risk assessment of glyphosate and its possible effect on bacterial community in surface sediments of a typical shallow Lake, northern China.

Arsenic exposure induces urinary metabolome disruption in Pakistani male population.

Multi-site field trials demonstrate the effectiveness of silicon fertilizer on suppressing dimethylarsenate accumulation and mitigating straighthead disease in rice.

New insights from a plant immune receptor may help design of disease resistant crops.

The effect and mechanism of Fushen Granule on gut microbiome in the prevention and treatment of chronic renal failure.

Chaenomeles sinensis polysaccharide and its carboxymethylated derivative alleviate dextran sulfate sodium-induced ulcerative colitis via suppression of inflammation and oxidative stress.

m(6)A methylation-mediated PGC-1 α contributes to ferroptosis via regulating GSTK1 in arsenic-induced hepatic insulin resistance.

Untargeted serum metabolomics reveals novel metabolite associations and disruptions in amino acid and lipid metabolism in Parkinson's disease.

Inflammation and cardiometabolic diseases induced by persistent organic pollutants and nutritional interventions: Effects of multi-organ interactions.

Arsenic exposure caused male infertility indicated by testis and sperm metabolic dysfunction in SD rats.

Static Magnetic Field Reduces Intracellular ROS Levels and Protects Cells Against Peroxide-Induced Damage: Suggested Roles for Catalase.

Effect of acupuncture at neck-Jiaji (EX-B 2) and tuina on the cognitive function in the patients with subjective cognitive decline.

Terbutylazine exposure induces innate immune response and inflammation through activating cGAS-STING/NF- κ B pathway in myocardium of broiler chicken (Gallus gallus).

Nephroprotective effect of diosmin against sodium arsenite-induced renal toxicity is mediated via attenuation of oxidative stress and inflammation in mice.

Associations between relapse and drinking behaviors in patients with alcohol use disorders: A 6-month prospective study.

Kynurenine attenuates mitochondrial depolarization and neuronal cell death induced by rotenone exposure independently of AhR-mediated parkin induction in SH-SY5Y differentiated cells.

Arsenic induces metabolome remodeling in mature human adipocytes.

Urinary arsenic metabolism, genetic susceptibility, and their interaction on type 2 diabetes.

CDNF overexpression prevents motor-cognitive dysfunction by intrastriatal CPP-based delivery system in a Parkinson's disease animal model.

Apply Anticoagulants after Discharge not Benefit to the Incidence of Symptomatic Thrombus in High-Altitude Areas: A Retrospective Study.

Safety and efficacy of once-daily HU6 versus placebo in people with non-alcoholic fatty liver disease and high BMI: a randomised, double-blind, placebo-controlled, phase 2a trial.

Airway Injury Caused by Aspiration of Iron Sulfate Pills: A Series of 11 Cases.

Metformin alleviates sodium arsenite-induced hepatotoxicity and glucose intolerance in mice by suppressing oxidative stress, inflammation, and apoptosis.

Metformin and Trehalose-Modulated Autophagy Exerts a Neurotherapeutic Effect on Parkinson's Disease.

The sodium borate relieves the hypertrophic damage induced during pregnancy, it improves contractibility, reduces oxidative stress and stimulates cell proliferation.

Characterization of the congenital diaphragmatic hernia model in C57BL/6J fetal mice: a step toward lineage tracing experiments.

Developmental and neurobehavioral toxicity of 2,2'-methylenebis(6-tert-butyl-4-methylphenol) (antioxidant AO2246) during the early life stage of zebrafish.

Shenqi formula delayed Alzheimer's disease-like symptoms by skn-1 pathway in *Caenorhabditis elegans*.

Copper-Loaded Nanoheterojunction Enables Superb Orthotopic Osteosarcoma Therapy via Oxidative Stress and Cell Cuproptosis.

Anti-inflammatory effects of antenatal administration of stem cell derived extracellular vesicles in the brain of rat fetuses with congenital diaphragmatic hernia.

Remote effects of kidney drug transporter OAT1 on gut microbiome composition and urate homeostasis.

Characterization of Oyster Protein Hydrolysate-Iron Complexes and their In Vivo Protective Effects against Iron Deficiency-Induced Symptoms in Mice.

Occupational exposure to pesticides and endometrial cancer in the Screenwide case-control study.

Xenobiotic Exposure and Migraine-Associated Signaling: A Multimethod Experimental Study Exploring Cellular Assays in Combination with Ex Vivo and In Vivo Mouse Models.

Agricultural exposures and risk of childhood neuroblastoma: a systematic review and meta-analysis.

High-Soluble-Fiber Diet Attenuates Hypoxia-Induced Vascular Remodeling and the Development of Hypoxic Pulmonary Hypertension.

Dysregulated meta-organismal metabolism of aromatic amino acids in alcohol-associated liver disease.

Phloretin as an add-on therapy to losartan attenuates diabetes-induced AKI in rats: A potential therapeutic approach targeting TLR4-induced inflammation.

Incorporating Uremic Solute-mediated Inhibition of OAT1/3 Improves PBPK Prediction of Tenofovir Renal and Systemic Disposition in Patients with Severe Kidney Disease.

Overactivated Epithelial NF- κ B Disrupts Lung Development in Congenital Diaphragmatic Hernia.

The Use of Multiple Biomarkers to Assess the Health of Anuran Amphibians in the Brazilian Cerrado Savanna: An Ecotoxicological Approach.

Mitochondrial Dysfunction After Repeated Mild Blast Traumatic Brain Injury Is Attenuated by a Mild Mitochondrial Uncoupling Prodrug.

Postictal hypoxia involves reactive oxygen species and is ameliorated by chronic mitochondrial uncoupling.

Knockdown of IL4I1 Improved High Glucose-evoked Insulin Resistance in HepG2 Cells by Alleviating Inflammation and Lipotoxicity Through AHR Activation.

A Novel Quinazoline Derivative Prevents and Treats Arsenic-Induced Liver Injury by Regulating the Expression of RecQ Family Helicase.

Effect of Long-Term Low-Dose Arsenic Exposure on DNA Methylation and Gene Expression in Human Liver Cells.

Haloxyfop-P-methyl induces immunotoxicity and glucose metabolism disorders and affects the Nrf2/ARE pathway mediated antioxidant system in *Chiromantes dehaani*.

Comparing the enantioselective toxicity on cell cycle and apoptosis of DL-glufosinate and L-glufosinate to SH-SY5Y cells.

SLC22A11 Inserts the Uremic Toxins Indoxyl Sulfate and P-Cresol Sulfate into the Plasma Membrane.

Characterizing the impact of simvastatin co-treatment of cell specific TCDD-induced gene expression and systemic toxicity.

Irritant asthma and work: cases from the UK SWORD reporting scheme from 1999 to 2018.

Exposure to bromoxynil octanoate herbicide induces oxidative stress, inflammation, and apoptosis in testicular tissue via modulating NF- κ B pathway.

Gene deletion of long-chain acyl-CoA synthetase 4 attenuates xenobiotic chemical-induced lung injury via the suppression of lipid peroxidation.

Association between maternal use of spray formulations and offspring urological anomalies: The Japan Environment and Children's Study.

Effect of cresol isomers on reproduction and gene expression in *Daphnia magna*.

Female-to-male differential transcription patterns of miRNA-mRNA networks in the livers of dioxin-exposed mice.

p-Cresol Sulfate Is a Sensitive Urinary Marker of Fecal Microbiota Transplantation and Antibiotics Treatments in Human Patients and Mouse Models.

2,4-Dinitrophenol does not exert neuro-regenerative potential in experimental autoimmune neuritis.

Human Preadipocytes Differentiated under Hypoxia following PCB126 Exposure during Proliferation: Effects on Differentiation, Glucose Uptake and Adipokine Profile.

2,3,7,8-tetrachlorodibenzo-p-dioxin induces multigenerational testicular toxicity and biosynthetic disorder of testosterone in BALB/C mice: Transcriptional, histopathological and hormonal determinants.

Assessing farmer's exposure to pesticides and the risk for non-communicable diseases: A biomonitoring study.

Iron Preparations in the Management of Iron Deficiency Anemia in Infants and Children: A Systematic Review and Meta-Analysis.

Sublethal toxicities of 2,4-dinitrophenol as inferred from online self-reports.

Deciphering migraine pain mechanisms through electrophysiological insights of trigeminal ganglion neurons.

[Hyperoxia caused intestinal metabolism disorder in mice].

Antimicrobial effect of oral care gel containing hinokitiol and 4-isopropyl-3-methylphenol against intraoral pathogenic microorganisms.

Persistent organic pollutants promote aggressiveness in prostate cancer.

Iron deficiency in young basketball players: Is a 100 µg/L ferritin cut-off appropriate for iron supplementation?: Results of a randomized placebo-controlled study.

Chronic exposure to inorganic arsenic and fluoride induces redox imbalance, inhibits the transsulfuration pathway, and alters glutamate receptor expression in the brain, resulting in memory impairment in adult male mouse offspring.

Alterations in interleukin-1^β and nuclear factor kappa beta activity (NF-κB) in rat liver due to the co-exposure of Cadmium and Arsenic: Protective role of curcumin.

CKBA suppresses mast cell activation via ERK signaling pathway in murine atopic dermatitis.

Neonatal outcomes from a randomized controlled trial of maternal treatment of iron deficiency anemia with intravenous ferumoxytol vs oral ferrous sulfate.

Intravenous infusions of ferumoxytol compared to oral ferrous sulfate for the treatment of anemia in pregnancy: a randomized controlled trial.

Antibiotics augment the impact of iron deficiency on metabolism in a piglet model.

In vitro phenotypic evidence for the utilization of iron from different sources and siderophores production in the fish pathogen *Tenacibaculum dicentrarchi*.

Intestinal GPDH-1 regulates high glucose diet induced lifespan extension in aged worms.

A phenome-wide association study (PheWAS) to identify the health impacts of 4-cresol sulfate in the Nagahama Study.

Arsenic exposure and lung fibrotic changes-evidence from a longitudinal cohort study and experimental models.

Atlas of gut microbe-derived products from aromatic amino acids and risk of cardiovascular morbidity and mortality.

Uremic Toxins Induce THP-1 Monocyte Endothelial Adhesion and Migration through Specific miRNA Expression.

Increased Production of Pathogenic, Airborne Fungal Spores upon Exposure of a Soil Mycobiota to Chlorinated Aromatic Hydrocarbon Pollutants.

Magnesium lithospermate B ameliorates diabetic nephropathy by suppressing the uremic toxin formation mediated by gut microbiota.

The health risk of acetochlor metabolite CMEPA is associated with lipid accumulation induced liver injury.

Endocrine-disrupting chemicals and autoimmune diseases.

Occupational exposure to pesticides and symptoms of depression in agricultural workers. A systematic review.

High quality diet attenuated the positive association between polychlorinated biphenyls and premature mortality among middle-aged and older adults.

Glycopolymer-based multifunctional antibacterial hydrogel dressings for accelerating cutaneous wound healing.

Arsenic trioxide (ATO) up-regulates cytochrome P450 1A (CYP1A) enzymes in murine hepatoma Hepa-1c1c7 cell line.

Arsenic, polycyclic aromatic hydrocarbons, and metal exposure and risk assessment of stroke.

Hepatoprotective and anti-hyperglycemic effects of ferulic acid in arsenic-exposed mice.

Is exposure to chemical pollutants associated with sleep outcomes? A systematic review.

Correlation of heavy metals' exposure with the prevalence of coronary heart disease among US adults: findings of the US NHANES from 2003 to 2018.

Aryl hydrocarbon receptor (AHR): Towards understanding intestinal microbial ligands including vitamin B12 and folic acid as natural antagonists.

Targeting Colon Cancer Cells with Pyrazino-Imidazolinone Derivatives: Synthesis, Molecular Docking, and in Vitro Evaluation of Anti-Proliferative and Pro-Apoptotic Activities.

Establishment and characterization of Yellow River carp (*Cyprinus carpio haematopterus*) muscle cell line and its application to fish virology and immunology.

Is a Lower Dose of More Bioavailable Iron (18-mg Ferrous Bisglycinate) Noninferior to 60-mg Ferrous Sulfate in Increasing Ferritin Concentrations While Reducing Gut Inflammation and Enteropathogen Detection in Cambodian Women? A Randomized Controlled Noninferiority Trial.

Proteomic Profiling of Hypoplastic Lungs Suggests an Underlying Inflammatory Response in the Pathogenesis of Abnormal Lung Development in Congenital Diaphragmatic Hernia.

Untargeted Multiomics Approach Coupling Lipidomics and Metabolomics Profiling Reveals New Insights in Diabetic Retinopathy.

Hypoxia-induced mitochondrial stress granules.

Altered Gut Microbiota as Potential Biomarkers for Autism Spectrum Disorder in Early Childhood.

TCDD dysregulation of lncRNA expression, liver zonation and intercellular communication across the liver lobule.

Impact of the pentose phosphate pathway on metabolism and pathogenesis of *Staphylococcus aureus*.

Biomolecular phase separation in stress granule assembly and virus infection.

Effects of food-derived oligopeptide iron chelates on liver injury and gut microbiota homeostasis in iron-deficiency anemia female rats: a pilot study.

Resveratrol ameliorates ortho- polychlorinated biphenyls' induced toxicity in ovary cells.

Temporary alteration of neuronal network communication is a protective response to redox imbalance that requires GPI-anchored prion protein.

Torsemide increases arsenic concentrations by inhibition of multidrug resistance protein 4 in arsenic trioxide treated acute promyelocytic leukemia patients.

Exposure to phenols, chlorophenol pesticides, phthalate and PAHs and mortality risk: A prospective study based on 6 rounds of NHANES.

Borax regulates iron chaperone- and autophagy-mediated ferroptosis pathway in glioblastoma cells.

Diosmin exerts hepatoprotective and antihyperglycemic effects against sodium arsenite-induced toxicity through the modulation of oxidative stress and inflammation in mice.

Toxicity effects of disinfection byproduct chloroacetic acid to *Microcystis aeruginosa*: Cytotoxicity and mechanisms.

Durvillaea antarctica: A Seaweed for Enhancing Immune and Cardiometabolic Health and Gut Microbiota Composition Modulation.

Surveillance of pesticide poisoning in an East and a West Malaysian hospital: characteristics of pesticide poisoning and the early impact of a national Paraquat ban.

Fetal and neonatal dioxin exposure causes sex-specific metabolic alterations in mice.

Single-cell transcriptomic profiling of microvascular endothelial cell heterogeneity in congenital diaphragmatic hernia.

Development of a novel PET ligand, [(11)C]GO289 targeting CK2 expressed in the brain.

Histoplasma capsulatum Relies on Tryptophan Biosynthesis To Proliferate within the Macrophage Phagosome.

Transcriptional, hormonal and histological alterations in the ovaries of BALB/c mice exposed to TCDD in connection with multigenerational female infertility.

Possible Effects of Uremic Toxins p-Cresol, Indoxyl Sulfate, p-Cresyl Sulfate on the Development and Progression of Colon Cancer in Patients with Chronic Renal Failure.

Nephroprotective Effects of Selenium Nanoparticles Against Sodium Arsenite-Induced Damages.

Biological Hyperthermia-Inducing Nanoparticles for Specific Remodeling of the Extracellular Matrix Microenvironment Enhance Pro-Apoptotic Therapy in Fibrosis.

Changes in metabolic landscapes shape divergent but distinct mutational signatures and cytotoxic consequences of redox stress.

Concomitant inhibition of TLR-4 and SGLT2 by phloretin and empagliflozin prevents diabetes-associated ischemic acute kidney injury.

Poisonous Plants of the Genus Pimelea: A Menace for the Australian Livestock Industry.

Synthesis of Antiepileptic Drug (R)-Lacosamide and Chronic Pain Reliever (S)-Lacosamide from Chiral Glycine Enolate Equivalent.

Clinical features of COVID-19 rapid antigen test exposures reported by an Australian poisons information centre: a prospective study.

Disruption of the mouse liver epitranscriptome by long-term aroclor 1260 exposure.

Maternal polychlorinated biphenyl 126 (PCB 126) exposure modulates offspring gut microbiota irrespective of diet and exercise.

An active new formulation of iron carried by aspartyl casein for iron-deficiency anemia: results of the ACCESS trial.

Ferrous sulfate reverses cerebral metabolic abnormality induced by minimal hepatic encephalopathy.

Carvacrol reduces abnormal and dead sperm counts by attenuating sodium arsenite-induced oxidative stress, inflammation, apoptosis, and autophagy in the testicular tissues of rats.

Environmentally Mediated Health Disparities.

Impaired pancreatic beta-cell function after a single dose of oral iron: A before-and-after (pre-post) study.

Stress Granules Inhibit Coxsackievirus B3-Mediated Cell Death via Reduction of Mitochondrial Reactive Oxygen Species and Viral Extracellular Release.

[A study on occupational peripheral nerve disorders: a general view].

Corn-Based Fluorescent Light-Up Biosensors with Improved Signal-to-Background Ratio for Label-Free Detection of Long Noncoding RNAs.

Biodegradable Hollow Nanoscavengers Restore Liver Functions to Reverse Insulin Resistance in Type 2 Diabetes.

Experimental models of chemically induced Parkinson's disease in zebrafish at the embryonic larval stage: a systematic review.

A pesticide and iPSC dopaminergic neuron screen identifies and classifies Parkinson-relevant pesticides.

The effect of *Alnus incana* (L.) Moench extracts in ameliorating iron overload-induced hepatotoxicity in male albino rats.

The effects of sucrose and arsenic on muscular insulin signaling pathways differ between the gastrocnemius and quadriceps muscles.

Serum Levels of Indoxyl Sulfate and P-cresol in Type II Diabetic Patients With and Without Nephropathy.

Citicoline ameliorates arsenic-induced hepatotoxicity and diabetes in mice by overexpression of VAMP2, PPAR- β , As3MT, and SIRT3.

Effect of the probiotic strain, *Lactiplantibacillus plantarum* P9, on chronic constipation: A randomized, double-blind, placebo-controlled study.

Modeling historic environmental pollutant exposures and non-Hodgkin lymphoma risk.

Long-term reproductive effects in male rats prenatally exposed to sodium arsenite.

A Tracheal Aspirate-derived Airway Basal Cell Model Reveals a Proinflammatory Epithelial Defect in Congenital Diaphragmatic Hernia.

Polyhalogenated carbazoles induce hepatic metabolic disorders in mice via alteration in gut microbiota.

Steatosis and Metabolic Disorders Associated with Synergistic Activation of the CAR/RXR Heterodimer by Pesticides.

Fetal lung hypoxia and energetic cell failure in the nitrofen-induced congenital diaphragmatic hernia rat model.

Individual, Independent, and Joint Associations of Toxic Metals and Manganese on Hypertensive Disorders of Pregnancy: Results from the MIREC Canadian Pregnancy Cohort.

Thioredoxin A of *Streptococcus suis* Serotype 2 Contributes to Virulence by Inhibiting the Expression of Pentraxin 3 to Promote Survival Within Macrophages.

The vitamin B(12) analog cobinamide ameliorates azide toxicity in cells, *Drosophila melanogaster*, and mice.

α -Lipoic acid eliminates dioxin-induced offspring sexual immaturity by improving abnormalities in folic acid metabolism.

Zingerone reduces sodium arsenite-induced nephrotoxicity by regulating oxidative stress, inflammation, apoptosis and histopathological changes.

Efficacy of ferric carboxymaltose for treatment of iron deficiency anemia diagnosed in the third trimester of pregnancy: A case-control study.

Detection of drug safety signal of drug-induced neutropenia and agranulocytosis in all-aged patients using electronic medical records.

NOX1 is essential for TNF α -induced intestinal epithelial ROS secretion and inhibits M cell signatures.

Reduced Transcriptome Analysis of Zebrafish Embryos Prioritizes Environmental Compounds with Adverse Cardiovascular Activities.

Electrochemical and Optical Sensors for the Detection of Chemical Carcinogens Causing Leukemia.

Intravenous ferric carboxymaltose versus oral ferrous sulfate replacement in elderly patients after acute non-variceal gastrointestinal bleeding (FIERCE): protocol of a multicentre, open-label, randomised controlled trial.

Associations of metal mixtures with metabolic-associated fatty liver disease and non-alcoholic fatty liver disease: NHANES 2003-2018.

A novel non-invasive colorectal cancer diagnostic method: Volatile organic compounds as biomarkers.

Ifosfamide - History, efficacy, toxicity and encephalopathy.

Identification of key genes in hepatocellular carcinoma associated with exposure to TCDD and $\hat{\pm}$ -endosulfan by WGCNA.

Acetaldehyde dehydrogenase 2 activation attenuates sepsis-induced brain injury through NLRP3 inflammasome regulation.

Is it really safe to replace decabromodiphenyl ether (BDE209) with decabromodiphenyl ethane (DBDPE)?: A perspective from hepatotoxicity.

Chronic exposure to metam sodium-based pesticide in mice during adulthood elevated anxiety and depression-like behaviors: Involvement of serotonergic depletion and gut microbiota dysbiosis.

The capsaicinoid nonivamide suppresses the inflammatory response and attenuates the progression of steatosis in a NAFLD-rat model.

Gestational organophosphate ester exposure and preschool attention-deficit/hyperactivity disorder in the Norwegian Mother, Father, and Child cohort study.

A screening test proposal for congenital defects based on maternal serum metabolomics profile.

A Paternal Fish Oil Diet Preconception Reduces Lung Inflammation in a Toxicant-Driven Murine Model of New Bronchopulmonary Dysplasia.

Adverse health effects of emerging contaminants on inflammatory bowel disease.

Assessment of uremic toxins in advanced chronic kidney disease patients on maintenance hemodialysis by LC-ESI-MS/MS.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces liver lipid metabolism disorder via the ROS/AMPK/CD36 signaling pathway.

Role of Astrocytes in Parkinson's Disease Associated with Genetic Mutations and Neurotoxicants.

Vitamin E protective effects on genomic and cellular damage caused by paediatric preventive supplementation for anaemia: an experimental model.

Acute Pesticide Poisoning in Tobacco Farming, According to Different Criteria.

Evolutionary emergence and divergence of an Ig regulatory node: An environmental sensor getting cues from the aryl hydrocarbon receptor?

NKG2D Ligand Expression Induced by Oxidative Stress Mitigates Cutaneous Ischemia-Reperfusion Injury.

Alternate day versus daily oral iron for treatment of iron deficiency anemia: a randomized controlled trial.

Rapid and sustainable HPLC method for the determination of uremic toxins in human plasma samples.

Mechanistic insights on the possible protective role of polyphenols extracted from *Tamarix aphylla* aerial parts against sodium arsenite-induced hepatotoxicity in rats.

Arsenic compounds activate MAPK and inhibit Akt pathways to induce apoptosis in MA-10 mouse Leydig tumor cells.

Iron pill-induced gastritis: an unrecognized side effect of iron-deficiency anemia.

A Comprehensive Investigation on Potential Risk Factors for NSCLC/P in a Rural District of Hebei Province, China.

Single-cell transcriptomics shows dose-dependent disruption of hepatic zonation by TCDD in mice.

Metabolomic Analyses to Identify Candidate Biomarkers of Cystinosis.

Supplementation with sesame oil suppresses genotoxicity, hepatotoxicity and enterotoxicity induced by sodium arsenite in rats.

Sample preparation and chromatographic methods for the determination of protein-bound uremic retention solutes in human biological samples: An overview.

Diagnostic biomarker panels of osteoarthritis: UPLC-QToF/MS-based serum metabolic profiling.

Food for thought-The link between *Clostridioides difficile* metabolism and pathogenesis.

Prion Protein Overexpression in Adipose-Derived Mesenchymal Stem Cells (ADMSCs) Effectively Protected Rodent Kidney Against Ischemia-Reperfusion Injury Via Enhancing ATP/Mitochondrial Biogenesis-Role of ADMSC Rejuvenation and Proliferation.

Toward an understanding of the role of the exposome on fragile X phenotypes.

[Clinical case report of acute dinitrophenol poisoning with a fatal outcome of Udmurt Republic].

Effectiveness of curcumin-based antimicrobial photodynamic therapy against *Staphylococcus aureus*.

Improved β_2 -Microglobulin and Phosphorous Removal with Expanded Hemodialysis and Online Hemodiafiltration versus High-Flux Hemodialysis: A Cross-Over Randomized Clinical Trial.

Exposure to bisphenol A or its phenolic analogs during early life induces different types of anxiety-like behaviors after maturity in male mice.

Association of the gut microbiome with kidney function and damage in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL).

Paternal occupational exposures and infant congenital heart defects in the Japan Environment and Children's Study.

DPP4 Inhibitor Sitagliptin Reduces Inflammatory Responses and Mast Cell Activation in Allergic Rhinitis.

The Aryl Hydrocarbon Receptor Ligand 6-Formylindolo(3,2-b)carbazole Promotes Estrogen Receptor Alpha and c-Fos Protein Degradation and Inhibits MCF-7 Cell Proliferation and Migration.

Bile acid metabolism involved into the therapeutic action of Xiaojianzhong Tang via gut microbiota to treat chronic atrophic gastritis in rats.

Alpha-lipoic acid inhibits sodium arsenite-mediated autophagic death of rat insulinoma cells.

PD-L1 upregulation promotes drug-induced pulmonary fibrosis by inhibiting vimentin degradation.

Upregulated TSP1 and CD47 expression in the lung in nitrofen-induced congenital diaphragmatic hernia.

Porcine deltacoronavirus uses heparan sulfate as an attachment receptor.

Endocrine disruptors and endometriosis.

The environmental pollutant, polychlorinated biphenyl 126, alters liver function in a rodent model of alcohol-associated liver disease.

In vitro and in vivo assessments of the genotoxic potential of 3-chloroallyl alcohol.

Early functional analysis on the pulmonary hemodynamic effects of Transamniotic Stem Cell Therapy (TRASCET) in the nitrofen model of congenital diaphragmatic hernia.

Multi-omics reveals diet-induced metabolic disorders and liver inflammation via microbiota-gut-liver axis.

Temporal decline of sperm concentration: role of endocrine disruptors.

Betaine protects against sodium arsenite-induced diabetes and hepatotoxicity in mice.

The Mechanisms Underlying the Pharmacological Effects of GuiPi Decoction on Major Depressive Disorder based on Network Pharmacology and Molecular Docking.

Systematic Review: Association of Pesticide Exposure and Child Wheeze and Asthma.

Elucidations of Molecular Mechanism and Mechanistic Effects of Environmental Toxicants in Neurological Disorders.

Iron supplementation given to nonanemic infants: neurocognitive functioning at 16 years.

Comparing Sequential Organ Failure Assessment Score, Acute Physiology and Chronic Health Evaluation II, Modified Acute Physiology and Chronic Health Evaluation II, Simplified Acute Physiology Score II and Poisoning Severity Score for Outcome Prediction of Pesticide Poisoned Patients Admitted to the Intensive Care Unit.

Effect of glyphosate, its metabolite AMPA, and the glyphosate formulation Roundup(®) on brown trout (*Salmo trutta f. fario*) gut microbiome diversity.

Exosomes released by environmental pollutant-stimulated Keratinocytes/PBMCs can trigger psoriatic inflammation in recipient cells via the AhR signaling pathway.

Gold@mesoporous polydopamine nanoparticles modified self-healing hydrogel for sport-injuring therapy.

Nano-Agrochemicals as Substitutes for Pesticides: Prospects and Risks.

Club Cells-A Guardian against Occupational Hazards.

Metabolic Communication by SGLT2 Inhibition.

Corrigendum: Development of skin diseases following systemic exposure: example of dioxins.

Effect of Arabinogalactans on Induction of White-Opaque Somatic Embryos of Avocado (*Persea americana* Mill.) cv. Duke-7.

Association between 2,4-dichlorophenoxyacetic acid and cognitive impairment in older adults: a cross-sectional study from NHANES 2001-2002 and 2011-2014.

Cytotoxicity of 19 Pesticides in Rainbow Trout Gill, Liver, and Intestinal Cell Lines.

Lipid peroxidation: Reactive carbonyl species, protein/DNA adducts, and signaling switches in oxidative stress and cancer.

loxynil and diethylstilbestrol impair cardiac performance and shell growth in the mussel *Mytilus coruscus*.

Acute Toxicity Assays with Adult Coral Fragments: A Method for Standardization.

Ginkgo Biloba Extract Can Antagonize Subchronic Arsenite Exposure-Induced Hepatocyte Senescence by Inhibiting Oxidative Damage and Inflammation in Rats.

Buspironone Enhances Cell Survival and Preserves Structural Integrity during Oxidative Injury to the Retinal Pigment Epithelium.

Endoscopic Diagnosis of Hookworm Disease in a Patient with Severe Iron Deficiency Anemia: A Case Report.

Dysregulation of immunity by cigarette smoking promotes inflammation and cancer: A review.

An insight into the critical role of gut microbiota in triggering the phthalate-induced toxicity and its mitigation using probiotics.

Toxicological evaluation of TBBPA by common carp (*Cyprinus carpio*) about the in vivo/vitro disturbance of the AHR pathway.

Differential Effects of Paraquat, Rotenone, and MPTP on Cellular Bioenergetics of Undifferentiated and Differentiated Human Neuroblastoma Cells.

Plasma metabolites of aromatic amino acids associate with clinical severity and gut microbiota of Parkinson's disease.

Arsenic-Induced Thyroid Hormonal Alterations and Their Putative Influence on Ovarian Follicles in Balb/c Mice.

Delta Storage Pool Deficiency: A Pediatric Case Report and Review of the Literature.

Insight into the emerging and common experimental in-vivo models of Alzheimer's disease.

Sub-lethal but potentially devastating - The novel insecticide flupyradifurone impairs collective brood care in bumblebees.

Clinical characteristics of survivors versus non-survivors after acute diquat poisoning: a comparative study.

Analysis of gasoline-related pollutant exposures and risks in California between 1996 and 2014.

Management of Acute Ferrous Sulfate Poisoning Using Activated Charcoal Monotherapy: A Case Report.

Population fraction of Parkinson's disease attributable to preventable risk factors.

The Role of BNIP3 and Blocked Autophagy Flux in Arsenic-Induced Oxidative Stress-Induced Liver Injury in Rats.

Hormonal Status of Transgenic Birch with a Pine Glutamine Synthetase Gene during Rooting In Vitro and Budburst Outdoors.

Indoor metabolites and chemicals outperform microbiome in classifying childhood asthma and allergic rhinitis.

MiR-96-5p Suppresses Progression of Arsenite-Induced Human Keratinocyte Proliferation and Malignant Transformation by Targeting Denticleless E3 Ubiquitin Protein Ligase Homolog.

Acute oral poisoning due to pretilachlor herbicide - a rare case report from Nepal.

Effects of terbuthylazine on myocardial oxidative stress and ferroptosis via Nrf2/HO-1 signaling pathway in broilers.

Plant-derived squalene supplementation improves growth performance and alleviates acute oxidative stress-induced growth retardation and intestinal damage in piglets.

Effects of glyphosate herbicide ingestion on kidney function in rats on a balanced diet.

Paraquat ingestion in an adult with cystic fibrosis (CF): Diagnostic and management dilemmas.

Hemoadsorption and continuous venovenous hemodiafiltration in the management of paraquat poisoning during pregnancy: A case report.

Age-dependent changes in the gut microbiota and serum metabolome correlate with renal function and human aging.

Thiosulfate sulfurtransferase deficiency promotes oxidative distress and aberrant NRF2 function in the brain.

Ultrasonic neural regulation over two-dimensional graphene analog biomaterials: Enhanced PC12 cell differentiation under diverse ultrasound excitation.

How single-cell transcriptomics provides insight on hepatic responses to TCDD.

Paraquat induced acute kidney and lung injury with a dramatic response to methylprednisolone: A case report.

Carnosine synthase deficiency aggravates neuroinflammation in multiple sclerosis.

Sodium arsenite exposure enhances H3K14 acetylation and impairs male spermatogenesis in rat testes.

Development of a simplified human embryonic stem cell-based retinal pre-organoid model for toxicity evaluations of common pollutants.

The worm Adult Activity Test (wAAT): A de novo mathematical model for detecting acute chemical effects in *Caenorhabditis elegans*.

Developmental synapse pathology triggered by maternal exposure to the herbicide glufosinate ammonium.

Evaluation of arsenic metabolism and tight junction injury after exposure to arsenite and monomethylarsonous acid using a rat in vitro blood-Brain barrier model.

Differential transcriptomic alterations in nasal versus lung tissue of acrolein-exposed rats.

Metabolic Pathways for Removing Reactive Aldehydes are Diminished in Atrophic Muscle During Heart Failure.

Transcriptome-wide profiling of acute stress induced changes in ribosome occupancy level using external standards.

An overview of ATP synthase, inhibitors, and their toxicity.

Analysis of mitochondrial DNA copy number variation in Brazilian farmers occupationally exposed to pesticides.

The response of nitrifying activated sludge to chlorophenols: Insights from metabolism and redox homeostasis.

Exposure to the aryl hydrocarbon receptor agonist dioxin disrupts formation of the muscle, nerves, and vasculature in the developing jaw.

Caffeic acid recarbonization: A green chemistry, sustainable carbon nano material platform to intervene in neurodegeneration induced by emerging contaminants.

Association between glyphosate exposure and cognitive function, depression, and neurological diseases in a representative sample of US adults: NHANES 2013-2014 analysis.

Suppressed Histone H3 Lysine 18 Acetylation Is Involved in Arsenic-Induced Liver Fibrosis in Rats by Triggering the Dedifferentiation of Liver Sinusoidal Endothelial Cells.

Microbe-derived uremic solutes enhance thrombosis potential in the host.

Glyphosate impairs aversive learning in bumblebees.

Discussion to AATS 2023: Exposure to Agent Orange is associated with increased recurrence after surgical treatment of stage I non-small cell lung cancer.

The Effects of Dietary Silybin Supplementation on the Growth Performance and Regulation of Intestinal Oxidative Injury and Microflora Dysbiosis in Weaned Piglets.

Neurotoxicity Assessment in Adult *Danio rerio* using a Battery of Behavioral Tests in a Single Tank.

Effect of Hydralazine on Angiotensin II-Induced Abdominal Aortic Aneurysm in Apolipoprotein E-Deficient Mice.

Epidemiology and etiology of diffuse large B-cell lymphoma.

Mild Oxidative Stress Induced by Sodium Arsenite Reduces Lipocalin-2 Expression Levels in Cortical Glial Cells.

Bifenox compromises porcine trophectoderm and luminal epithelial cells in early pregnancy by arresting cell cycle progression and impairing mitochondrial and calcium homeostasis.

Bifenox induces programmed cell death in bovine mammary epithelial cells by impairing calcium homeostasis, triggering ER stress, and altering the signaling cascades of PI3K/AKT and MAPK.

3-Methylglutaryl-carnitine: A biomarker of mitochondrial dysfunction.

Alcohol degradation, learning, and memory-enhancing effect of *Acetobacter pasteurianus* BP2201 in *Caenorhabditis elegans* model.

Hepatic cholesterol biosynthesis and dioxin-induced dysregulation: A multiscale computational approach.

Biomechanical performance of talon cannulated compression device in pauwels type III fractures: a comparative study.

The neuroprotective effect of quercetin nanoparticles in the therapy of neuronal damage stimulated by acrolein.

Urinary acrolein protein conjugates-to-creatinine ratio is positively associated with diabetic peripheral neuropathy in patients with type 2 diabetes mellitus.

Dimethenamid promotes oxidative stress and apoptosis leading to cardiovascular, hepatic, and pancreatic toxicities in zebrafish embryo.

Nilotinib alleviates paraquat-induced hepatic and pulmonary injury in rats via the Nrf2/Nf-kB axis.

Deeper insights into the effects of low dietary levels of polychlorinated biphenyls on pig metabolism using gas chromatography-high resolution mass spectrometry metabolomics.

Gut Microbiota and Its Role in the Brain-Gut-Kidney Axis in Hypertension.

Acrolein induces mitochondrial dysfunction and insulin resistance in muscle and adipose tissues in vitro and in vivo.

Huangqi Jianzhong Tang treats chronic atrophic gastritis rats by regulating intestinal flora and conjugated bile acid metabolism.

Analysis of Human microRNA Expression Profiling During Diquat-Induced Renal Proximal Tubular Epithelial Cell Injury.

Bacterial respiratory inhibition triggers dispersal of *Pseudomonas aeruginosa* biofilms.

A Review on the Role of Phytoconstituents Chrysin on the Protective Effect on Liver and Kidney.

2,4-Dichlorophenoxyacetic Acid Induces Degeneration of mDA Neurons In Vitro.

Predicting mortality in paraquat poisoning through clinical findings, with a focus on pulmonary and cardiovascular system disorders.

Reproducibility, reliability, and regulatory relevance of plant visual injury assessments.

Propyrisulfuron plus cyhalofop butyl as one-shot herbicides provide high weed control efficiency and net economic performance in mechanically transplanted rice.

Changes in Whole Blood Polyamine Levels and Their Background in Age-Related Diseases and Healthy Longevity.

Microbial signatures in amniotic fluid at preterm birth and association with bronchopulmonary dysplasia.

Micropollutants but high risks: Human multiple stressors increase risks of freshwater ecosystems at the megacity-scale.

Exposure to metam sodium-based pesticide impaired cognitive performances in adult mice: Involvement of oxidative damage and glial activation.

Transcriptome reveals the toxicity difference of dimethyl disulfide by contact and fumigation on *Meloidogyne incognita* through calcium channel-mediated oxidative phosphorylation.

Regulating mechanism of denitrifier *Comamonas* sp. YSF15 in response to carbon deficiency: Based on carbon/nitrogen functions and bioaggregation.

Fibroblast Growth Factor 21 in Gestational Diabetes Mellitus and Type 2 Diabetes Mellitus.

Investigation of the Persistence, Toxicological Effects, and Ecological Issues of S-Triazine Herbicides and Their Biodegradation Using Emerging Technologies: A Review.

Autoantibodies to beta tubulin in autoimmune liver diseases - relation to pANCA and clinical relevance.

A review of food contaminant 2,3,7,8-tetrachlorodibenzo-p-dioxin and its toxicity associated with metabolic disorders.

The Association of Agent Orange (AO) Exposure with Monoclonal Gammopathy of Undetermined Significance (MGUS) to Multiple Myeloma (MM) Progression: A Population-based Study of Vietnam War Era Veterans.

Atrazine: cytotoxicity, oxidative stress, apoptosis, testicular effects and chemopreventive Interventions.

Total analysis system for the determination of uremic toxins in human plasma based on bead injection solid phase extraction hyphenated to mass spectrometry.

2,4-Dichlorophenol Shows Estrogenic Endocrine Disruptor Activity by Altering Male Rat Sexual Behavior.

Early-Life Exposure to Paraquat Aggravates Sex-Specific and Progressive Abnormal Non-Motor Neurobehavior in Aged Mice.

Protective effect of didymin against 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin-induced reproductive toxicity in male rats.

Memory Reflections of the Microbiota-Gut and Oligodendrocyte Axis.

Untargeted Metabolomic Analyses of Body Fluids to Differentiate TBI DOC and NTBI DOC.

Sexually dimorphic mechanisms of VGLUT-mediated protection from dopaminergic neurodegeneration.

Effect of TCDD exposure in adult female and male mice on the expression of miRNA in the ovaries and testes and associated reproductive functions.

Biological Characterization of Cleome felina L.f. Extracts for Phytochemical, Antimicrobial, and Hepatoprotective Activities in Wister Albino Rats.

Evaluating the potential of Hibiscus sabdariffa beverage to address the prevalence of iron deficiency in sub-Saharan Africa.

Acute paraquat poisoning complicated by acute kidney injury and lung fibrosis: a case report from Nepal.

Parkinson's disease updates: Addressing the pathophysiology, risk factors, genetics, diagnosis, along with the medical and surgical treatment.

Carbonyl cyanide-4-(trifluoromethoxy)phenylhydrazone-induced toxicities in rats: comparative study with other mitochondrial uncouplers (2,4-dinitrophenol, OPC-163493 and tolcapone).

Role of NRF2 and reactive aldehydes in acute cellular rejection in liver transplant recipients.

Microbial dietary protein metabolism regulates GLP-1 mediated intestinal transit.

Evaluation of Lac and NGAL on the Condition and Prognosis of Patients with Diquat Poisoning.

Ferroptosis contributes to cyclophosphamide-induced hemorrhagic cystitis.

Alterations of Bax/Bcl-2 ratio contribute to NaAsO₂ induced thyrotoxicity in human thyroid follicular epithelial cells and SD rats.

Dynamic relationship between the aryl hydrocarbon receptor and long noncoding RNA balances cellular and toxicological responses.

Effects of temperature-humidity index on blood metabolites of German dairy cows and their female calves.

Biliverdin as a disease-modifying agent: An integrated viewpoint.

Ethyl caffeate attenuates Al^{3+} -induced toxicity in *Caenorhabditis elegans* AD models via the insulin/insulin-like growth factor-1 signaling pathway.

Terbutryn causes developmental toxicity in zebrafish (*Danio rerio*) via apoptosis and major organ malformation in the early stages of embryogenesis.

Attenuation of sodium arsenite mediated ovarian DNA damage, follicular atresia, and oxidative injury by combined application of vitamin E and C in post pubertal Wistar rats.

Prenatal Arsenite Exposure Alters Maternal Cardiac Remodeling During Late Pregnancy.

Effect of Intestinal Flora on Hyperuricemia-Induced Chronic Kidney Injury in Type 2 Diabetic Patients and the Therapeutic Mechanism of New Anti-Diabetic Prescription Medications.

Profile of Acute Poisoning among Adult Patients at the Emergency Room of a Tertiary Hospital, South-western Nigeria.

The impact of Parkinson's disease-associated gut microbiota on the transcriptome in *Drosophila*.

Acute diquat poisoning case with multiorgan failure and a literature review: A case report.

Aberrant differentiation of epithelial progenitors is accompanied by a hypoxic microenvironment in the paraquat-injured human lung.

Carcinogenic and non-carcinogenic health risk assessment of organic compounds and heavy metals in electronic cigarettes.

Optimization of Plant Growth Regulators for In Vitro Mass Propagation of a Disease-Free 'Shine Muscat' Grapevine Cultivar.

Fate, detection technologies and toxicity of heterocyclic PAHs in the aquatic and soil environments.

Levels of Urinary Mercapturic Acids of Acrolein, Methacrolein, Crotonaldehyde, and Methyl Vinyl Ketone in Relationship to Chronic Obstructive Pulmonary Disease in Cigarette Smokers of the Subpopulations and Intermediate Outcome Measures in COPD Study (SPIROMICS).

Single and combined effects of polyethylene microplastics and acetochlor on accumulation and intestinal toxicity of zebrafish (*Danio rerio*).

Pesticide residues in honey bee (*Apis mellifera*) pollen collected in two ornamental plant nurseries in Connecticut: Implications for bee health and risk assessment.

Effects of Chronic Roundup Exposure on Medaka Larvae.

Alleviation of banded leaf and sheath blight disease incidence in maize by bacterial volatile organic compounds and molecular docking of targeted inhibitors in *Rhizoctonia solani*.

Prognostic Value of the Average Lung CT Number in Patients with Acute Paraquat Poisoning.

Exposure to Agent Orange is associated with increased recurrence after surgical treatment of stage I non-small cell lung cancer.

Oral iron supplementation ameliorated alterations in iron uptake and utilization in copper-toxic female Wistar rats.

Chronic Interstitial Nephritis in Agricultural Communities: Observational and Mechanistic Evidence Supporting the Role of Nephrotoxic Agrochemicals.

Association between urinary glyphosate levels and serum neurofilament light chain in a representative sample of US adults: NHANES 2013-2014.

Impact of pesticide regulations on mortality from suicide by pesticide in China: an interrupted time series analysis.

Features of fatal pesticide ingestion in South Australia.

The survival and flight capacity of commercial honeybees and endangered stingless bees are impaired by common agrochemicals.

The response of microbial compositions and functions to chronic single and multiple antibiotic exposure by batch experiment.

Exposure to arsenic, polycyclic aromatic hydrocarbons, metals, and association with skin cancers in the US adults.

Acetobacter pasteurianus BP2201 alleviates alcohol-induced hepatic and neuro-toxicity and modulate gut microbiota in mice.

Fluchloralin induces developmental toxicity in heart, liver, and nervous system during early zebrafish embryogenesis.

Uro-protective role of chrysin against cyclophosphamide-induced hemorrhagic cystitis in rats involving the turning-off NF- κ B/P38-MAPK, NO/PARP-1 and STAT-3 signaling cascades.

Increased anti-oxidative action compensates for collagen tissue degeneration in vitiligo dermis.

Metformin Overcomes the Consequences of NKX3.1 Loss to Suppress Prostate Cancer Progression.

Development of skin diseases following systemic exposure: example of dioxins.

Three-Way Cell-Based Screening of Antistress Compounds: Identification, Validation, and Relevance to Old-Age-Related Pathologies.

Case report: Reversible splenic lesion syndrome caused by diquat poisoning.

Predictors of Testicular Cancer Mortality in Brazil: A 20-Year Ecological Study.

The BCKDK inhibitor BT2 is a chemical uncoupler that lowers mitochondrial ROS production and de novo lipogenesis.

Impact of occupational pesticide exposure on the human gut microbiome.

Subchronic Arsenite Exposure Induced Atrophy and Erythropoietin Sensitivity Reduction in Skeletal Muscle Were Relevant to Declined Serum Melatonin Levels in Middle-Aged Rats.

Iron pill aspiration syndrome: A case report and literature review.

Air Pollutant Patterns and Human Health Risk following the East Palestine, Ohio, Train Derailment.

Restoration of energy homeostasis under oxidative stress: Duo synergistic AMPK pathways regulating arginine kinases.

The Arabidopsis Target of Rapamycin kinase regulates ammonium assimilation and glutamine metabolism.

Effects of Prometryn Exposure on Hepatopancreas Oxidative Stress and Intestinal Flora in *Eriocheir sinensis* (Crustacea: Decapoda).

Case report: Occupational poisoning incident from a leak of chloroacetyl chloride in Jinan, Shandong, China.

Acute and chronic effects of sublethal neonicotinoid thiacloprid to Asian honey bee (*Apis cerana cerana*).

Updating "Dataset of transcriptomic changes that occur in human preadipocytes over a 3-day course of exposure to 3,3',4,4',5-Pentachlorobiphenyl (PCB126)" with additional data on exposure to 2,2',5,5'-tetrachlorobiphenyl (PCB52) or its 4-hydroxy metabolite (4-OH-PCB52).

Comparative analysis of toxicity and metabolomic profiling of rac-glufosinate and L-glufosinate in zebrafish.

Bioactive superparamagnetic iron oxide-gold nanoparticles regulated by a dynamic magnetic field induce neuronal Ca(2+) influx and differentiation.

Prevention of DSS-induced colitis in mice with water kefir microbiota via anti-inflammatory and microbiota-balancing activity.

Environmental cadmium exposure alters the internal microbiota and metabolome of Sprague-Dawley rats.

Synthesis, X-ray Structures, and Optical and Magnetic Properties of Cu(II) Octafluoro-octakisperfluoro(isopropyl)phthalocyanine: The Effects of Electron Addition and Fluorine Accretion.

Rapid Detection of Volatile Organic Metabolites in Urine by High-Pressure Photoionization Mass Spectrometry for Breast Cancer Screening: A Pilot Study.

Agent Orange Causes Metabolic Dysfunction and Molecular Pathology Reminiscent of Alzheimer's Disease.

Protective Effects of Polyphenol-Rich Extracts against Neurotoxicity Elicited by Paraquat or Rotenone in Cellular Models of Parkinson's Disease.

Microbial metabolite p-cresol inhibits gut hormone expression and regulates small intestinal transit in mice.

Case report: Lung transplantation for treatment of paraquat intoxication: timing of transplantation.

Protective effect of vitamin C against tetrachlorobenzoquinone-induced 5-hydroxymethylation-dependent apoptosis in HepG2 cells mainly via the mitochondrial apoptosis pathway.

Adsorption of glyphosate and metabolite aminomethylphosphonic acid (AMPA) from water by polymer-based spherical activated carbon (PBSAC).

Untargeted Analysis of Serum Metabolomes in Dogs with Exocrine Pancreatic Insufficiency.

Internet-Purchased Sodium Azide Used in a Fatal Suicide Attempt: A Case Report and Review of the Literature.

Cystoisospora suis in Portugal: an observational study of prevalence, management, and risk factors.

Exploring breast tissue microbial composition and the association with breast cancer risk factors.

Anti-osteoporotic drugs affect the pathogenesis of gut microbiota and its metabolites: a clinical study.

Noninvasive Colorimetric Detection of Acetic Acid in Human Breath Based on an Alginate/Ni-Al-LDH/Dye Composite Film.

The regulation of TRPA1 expression and function by Th1 and Th2-type inflammation in human A549 lung epithelial cells.

Pollution and risk assessment of phenolic compounds in drinking water sources from South-Western Nigeria.

Protein adducts with lipid peroxidation products in patients with psoriasis.

E-cigarette effects on vascular function in animals and humans.

Mechanistic investigation of the differential synergistic neurotoxicity between pesticide metam sodium and copper or zinc.

RNA-binding proteins that are highly expressed and enriched in healthy cartilage but suppressed in osteoarthritis.

Aquatic photolysis of high-risk chemicals of emerging concern from secondary effluent mediated by sunlight irradiation for ecological safety and the enhanced methods.

Safety monitoring of oral iron supplements in pregnant women with anemia: a multi-center observational clinical study.

Effects of prometryn on oxidative stress, immune response and apoptosis in the hepatopancreas of *Eriocheir sinensis* (Crustacea: Decapoda).

Biogenic polymer-based patches for congenital cardiac surgery: a feasibility study.

The exposure to volatile organic chemicals associates positively with rheumatoid arthritis: a cross-sectional study from the NHANES program.

Herbicide propisochlor exposure induces intestinal barrier impairment, microbiota dysbiosis and gut pyroptosis.

Agent Orange exposure and prostate cancer risk in the Million Veteran Program.

Herbicides in Water Sources: Communicating Potential Risks to the Population of Mangaung Metropolitan Municipality, South Africa.

The Effect of Oral Iron Supplementation on Gut Microbial Composition: a Secondary Analysis of a Double-Blind, Randomized Controlled Trial among Cambodian Women of Reproductive Age.

Long-term exposure to arsenic in drinking water leads to myocardial damage by oxidative stress and reduction in NO.

Human amnion-derived mesenchymal stem cells attenuate acute lung injury in two different acute lung injury mice models.

Combining crop-exposure matrices and land use data to estimate indices of environmental and occupational exposure to pesticides.

Altered fecal microbiome and metabolome profiles in rat models of short bowel syndrome.

The herbicides glyphosate and glufosinate and the cyanotoxin \hat{I}^2 -N-methylamino-l-alanine induce long-term motor disorders following postnatal exposure: the importance of prior asymptomatic maternal inflammatory sensitization.

Homeostatic Effect of Glyphosate on the Morphology, Physiology and Metabolism of Coffee Plants.

Sucrosomial(\hat{A} [®]) Iron: An Updated Review of Its Clinical Efficacy for the Treatment of Iron Deficiency.

Diagnostic Dilemma in Fatal Paraquat Poisoning: An Autopsy Case Report.

Dissecting the effects of paraquat-induced pulmonary injury in rats using UPLC-Q-TOF-MS/MS-based metabolomics.

Caustic injury resulting from borax powder ingestion.

Bensulide exposure causes cell division cycle arrest and apoptosis in porcine trophectoderm and uterine luminal epithelial cells.

The antifungal effect induced by itraconazole in *Candida parapsilosis* largely depends on the oxidative stress generated at the mitochondria.

Exposure to the persistent organic pollutant 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD, dioxin) disrupts development of the zebrafish inner ear.

Associations between biomarkers of nicotine/tobacco exposure and respiratory symptoms among adults who exclusively smoke cigarettes in the U.S.: Findings from the PATH Study Waves 1-4 (2013-2017).

Pesticide residues in nectar and pollen of melon crops: Risk to pollinators and effects of a specific pesticide mixture on *Bombus terrestris* (Hymenoptera: Apidae) micro-colonies.

Ecotoxicological risk assessment of 14 pesticides and corresponding metabolites to groundwater and soil organisms using China-PEARL model and RQ approach.

Minocycline as a Neuroprotective Agent in Arsenic-Induced Neurotoxicity in PC12 Cells.

Rarely Encountered Gram-Negative Rods and Lung Transplant Recipients: A Narrative Review.

GC-MS based untargeted metabolomics reveals the metabolic response of earthworm (*Eudrilus eugeniae*) after chronic combinatorial exposure to three different pesticides.

Population fraction of Parkinson's disease attributable to preventable risk factors.

Mobitz type I as manifestation of acute lithium cardiotoxicity.

Development of Biocellulose Sheet Incorporating Aloe vera Gel Extract for Diabetic Wound Healing.

Sublethal exposure to agrochemicals impairs zooplankton ability to face future global change challenges.

Chemical Survey and Risk Assessment of 56 Pesticides in the Sado River Estuary (Iberian Peninsula, Portugal).

Arsenite-induced cytotoxicity is regulated by poly-ADP ribose polymerase 1 activation and parthanatos in p53-deficient H1299 cells: The roles of autophagy and p53.

Pentachlorophenol-induced hemotoxicity diminishes antioxidant potential and oxidizes proteins, thiols, and lipids in rat blood: An in vivo study.

Modulating AHR function offers exciting therapeutic potential in gut immunity and inflammation.

Effects of perinatal stress on the metabolites and lipids in plasma of dairy goats.

Effects of intranasal dantrolene nanoparticles on brain concentration and behavior in PS19 tau transgenic mice.

In utero arsenic exposure and early childhood motor development in the New Hampshire Birth Cohort Study.

(\pm)-3-Deoxyradicinin Induces Stomata Opening and Chloroplast Oxidative Stress in Tomato (*Solanum lycopersicum* L.).

The herbicide glyphosate inhibits hippocampal long-term potentiation and learning through activation of pro-inflammatory signaling.

Effect of butachlor on *Microcystis aeruginosa*: Cellular and molecular mechanisms of toxicity.

Inhibition of the Beta-oxidation Pathway of Fatty Acids and Dopamine- Beta-hydroxylase by Phenyl Derivatives of Short- Chain Fatty Acids from Gastrointestinal Clostridia Bacteria is a (the) Major Cause of Autism.

An autopsy report with a diagnostic clinical profile on fatal overdose of life-saving iron supplement.

Clinical characteristics of acute kidney injury in patients with glyphosate surfactant herbicide poisoning.

Metabolomics Differences of the Donor Livers Between In Situ and Ex Situ Conditions During Ischemia-free Liver Transplantation.

Exposure to oxyfluorfen-induced hematobiochemical alterations, oxidative stress, genotoxicity, and disruption of sex hormones in male African catfish and the potential to confront by *Chlorella vulgaris*.

The relationship between experimental 2,4-Dinitrophenol administration and neurological oxidative stress: in terms of dose, time and gender differences.

4-Chloro-2-Methyl-Phenoxy Acetic Acid-Induced Liver Injury: A Case Report.

Safety Evaluation and Probabilistic Health Risk Assessment of Cow Milk Produced in Northern Italy According to Dioxins and PCBs Contamination Levels.

Urine Metabolomic Signature of People Diagnosed with Balkan Endemic Nephropathy and Other Types of Chronic Kidney Disease Compared with Healthy Subjects in Romania.

Differentiation Disorders of *Chara vulgaris* Spermatids following Treatment with Propyzamide.

Biological effects of sub-lethal doses of glyphosate and AMPA on cardiac myoblasts.

Chemical and genetic carotenoid deficiency delays growth in dark-grown *Euglena gracilis*.

Post-thaw quality of ram sperm frozen with different concentrations of low-density lipoproteins associated with non-enzymatic antioxidants.

Exposure and Risk Assessment to Airborne dl-PCBs and Dioxins in the Population Living in the Neighborhood of a Cement Plant: A Pilot Study in the Valencian Region of Spain.

Enhancing Immune Protection in Hemodialysis Patients: Role of the Polymethyl Methacrylate Membrane.

Retrospective analysis of 217 fatal intoxication autopsy cases from 2009 to 2021: temporal trends in fatal intoxication at Tongji center for medicolegal expertise, Hubei, China.

Picolinafen exposure induces ROS accumulation and calcium depletion, leading to apoptosis in porcine embryonic trophectoderm and uterine luminal epithelial cells during the peri-implantation period.

Two decades of the EU Water Framework Directive: Evidence of success and failure from a lowland arable catchment (River Wensum, UK).

Pretreatment of ellagic acid protects ifosfamide-induced acute nephrotoxicity in rat kidneys: A mitochondrial, histopathological and oxidative stress approaches.

Sodium arsenite-induced changes in the wood of esca-diseased grapevine at cytological and metabolomic levels.

Construction of a clinical nursing pathway for acute paraquat poisoning: Evidence-based research.

Abcisic Acid Inhibits Cortical Microtubules Reorganization and Enhances Ultraviolet-B Tolerance in *Arabidopsis thaliana*.

Effect of 650 nm laser photobiomodulation therapy on the HT-7 (shenmen) acupoint in the *Mus musculus* model of Parkinson's disease.

Cell cycle dysregulation on prenatal and postnatal arsenic exposure in skin of Wistar rat neonates.

Erratum: Plasma Oligomeric Beta Amyloid in Alzheimer's Disease with History of Agent Orange Exposure.

Berberine ameliorates chronic kidney disease through inhibiting the production of gut-derived uremic toxins in the gut microbiota.

The capillary-leakage syndrome caused by glyphosate poisoning: a case report.

Toxicity and ecological risk assessment for two AhR agonistic pesticides mepanipyrim and cyprodinil and their metabolites.

Investigating the bioaccumulation potential of anionic organic compounds using a permanent rainbow trout liver cell line.

Oryzalin impairs maternal-fetal interaction during early pregnancy via ROS-mediated P38 MAPK/AKT and OXPHOS downregulation.

Small molecule agonist of mitochondrial fusion repairs mitochondrial dysfunction.

Pesticides and Parabens Contaminating Aquatic Environment: Acute and Sub-Chronic Toxicity towards Early-Life Stages of Freshwater Fish and Amphibians.

Contaminants of Emerging Concern (CECs) and Male Reproductive Health: Challenging the Future with a Double-Edged Sword.

Prenatal Environmental Stressors and DNA Methylation Levels in Placenta and Peripheral Tissues of Mothers and Neonates Evaluated by Applying Artificial Neural Networks.

Endometriosis: Update of Pathophysiology, (Epi) Genetic and Environmental Involvement.

Sexual dysfunction precedes motor defects, dopaminergic neuronal degeneration, and impaired dopamine metabolism: Insights from Drosophila model of Parkinson's disease.

Serum Level of Protein-Bound Uraemic Toxins in Haemodialysis Patients with Chronic Kidney Disease-Associated Pruritus: Myths and Facts.

Pyruvate kinase M2 modification by a lipid peroxidation byproduct acrolein contributes to kidney fibrosis.

Exposure to the persistent organic pollutant 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD, dioxin) disrupts development of the zebrafish inner ear.

Associations between residential volatile organic compound exposures and liver injury markers: The role of biological sex and race.

Contamination Pattern and Risk Assessment of Polar Compounds in Snow Melt: An Integrative Proxy of Road Runoffs.

Molecular and Biochemical Evidence of the Toxic Effects of Terbutylazine and Malathion in Zebrafish.

A case of severe paraquat poisoning treated by continuous hemodiafiltration without sequelae.

Interpretation of ametryn biodegradation in rice based on joint analyses of transcriptome, metabolome and chemo-characterization.

Research progress on residual characteristics, ecological risk, and abatement of fomesafen in farmland soil.

Rural Land Management and Kidney Health.

A Nomogram for Early Diagnosis of Community-Acquired Pneumonia Based on Bronchoalveolar Lavage Fluid Metabolomics.

SIRT1/PGC-1 β is involved in arsenic-induced male reproductive damage through mitochondrial dysfunction, which is blocked by the antioxidative effect of zinc.

Comparison of the chronic and multigenerational toxicity of racemic glufosinate and l-glufosinate to *Caenorhabditis elegans* at environmental concentrations.

The use of a simple model for the regulatory environmental risk assessment of pesticides in Ethiopia.

Protective effects of *Acetobacter ghanensis* against gliadin toxicity in intestinal epithelial cells with immunoregulatory and gluten-digestive properties.

Chorioallantoic membrane assay revealed the role of TIPARP (2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible poly (ADP-ribose) polymerase) in lung adenocarcinoma-induced angiogenesis.

Microbial Virulence Factors, Antimicrobial Resistance Genes, Metabolites, and Synthetic Chemicals in Cabins of Commercial Aircraft.

Effects of *Pseudomonas plecoglossicida* 2,4-D and Humic Substances on the Growth, Pigment Indices and Concentration of Hormones in Wheat Seedlings Grown under Water Deficit.

Organochlorine pesticides and polycyclic aromatic hydrocarbons in serum of Beijing population: Exposure and health risk assessment.

Effects of the Vitamin D3 on Alleviating the Oxidative Stress Induced by Diquat in Wenchang Chickens.

Multi-Omics Analyses Reveal the Mechanisms of Early Stage Kidney Toxicity by Diquat.

Vineyard Management and Physicochemical Parameters of Soil Affect Native *Trichoderma* Populations, Sources of Biocontrol Agents against *Phaeoacremonium minimum*.

Development toxicity and cytotoxicity of pyroxsulam on embryos and adults of zebrafish (*Danio rerio*).

LC-MS/MS Based Volatile Organic Compound Biomarkers Analysis for Early Detection of Lung Cancer.

Randomized Controlled Trial Comparing Ferrous Sulfate and Iron Sucrose in Iron Deficiency Anemia in Pregnancy.

Pesticide exposure and asthma morbidity in children residing in urban, multi-family housing.

Melatonin Ameliorates Diquat-Induced Testicular Toxicity via Reducing Oxidative Stress, Inhibiting Apoptosis, and Maintaining the Integrity of Blood-Testis Barrier in Mice.

Acute pesticide poisoning in the central part of Iran: A 4-year cross-sectional study.

Could Vitamins Have a Positive Impact on the Treatment of Parkinson's Disease?

Absorption and Transport Mechanism of Red Meat-Derived N-glycolylneuraminic Acid and Its Damage to Intestinal Barrier Function through the NF- κ B Signaling Pathway.

Changes of Gut Microbiome in Adolescent Patients with Chronic Spontaneous Urticaria After Omalizumab Treatment.

Case report: Successful outcome of a young patient with rhabdomyolysis and shock caused by diquat poisoning.

Overview of Adductomics in Toxicology.

Ecological risk assessment of pesticides in sediments of Pampean streams, Argentina.

Melatonin alleviates arsenic (As) toxicity in rice plants via modulating antioxidant defense system and secondary metabolites and reducing oxidative stress.

Mixture Toxicity of Three Unconventional Gas Fracking Chemicals, Barium, O-Cresol, and Sodium Chloride, to the Freshwater Shrimp *Paratya australiensis*.

Do changes in persistent organic pollutants after bariatric surgery cause endocrine disruption?

Biotransformation and oxidative stress responses in fish (*Astyanax aeneus*) inhabiting a Caribbean estuary contaminated with pesticide residues from agricultural runoff.

Transcriptomics provides insights into toxicological effects and molecular mechanisms associated with the exposure of Chinese mitten crab, *Eriocheir sinensis*, to dioxin.

Inorganic arsenic alters the development of dopaminergic neurons but not serotonergic neurons and induces motor neuron development via Sonic hedgehog pathway in zebrafish.

Poisoning Regulation, Research, Health, and the Environment: The Glyphosate-Based Herbicides Case in Canada.

Dual role of Apolipoprotein D as long-term instructive factor and acute signal conditioning microglial secretory and phagocytic responses.

The kidney drug transporter OAT1 regulates gut microbiome-dependent host metabolism.

Neurodevelopmental Effects of Perinatal TCDD Exposure Differ from Those of Other PCDD/Fs in Vietnamese Children Living near the Former US Air Base in Da Nang, Vietnam.

[Preliminary study on the effect of fecal microbiota transplantation on neurobehavior and gut microbiota of offspring rats exposed to arsenic].

Selectively mixed matrix hemodialysis membrane for adequate clearance of p-cresol by the incorporation of imprinted zeolite.

Effects of Pollution on Pregnancy and Infants.

Negligible Toxicokinetic Differences of Glyphosate by Different Vehicles in Rats.

Enhanced Glycolysis Confers Resistance Against Photon but Not Carbon Ion Irradiation in Human Glioma Cell Lines.

Rhamnazin ameliorates 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin-evoked testicular toxicity by restoring biochemical, spermatogenic and histological profile in male albino rats.

Evaluation of the cytotoxicity and genotoxicity of glufosinate-ammonium at technical and commercial grades in HepG2 cells.

Gestational arsenic exposure induces anxiety-like behaviors in F1 female mice by dysregulation of neurological and immunological markers.

The possible cytotoxicity and genotoxicity assessment of indaziflam on HepG2 cells.

Andrographolide alleviates paraquat-induced acute lung injury by activating the Nrf2/HO-1 pathway.

Mutual promotion of mitochondrial fission and oxidative stress contributes to mitochondrial-DNA-mediated inflammation and epithelial-mesenchymal transition in paraquat-induced pulmonary fibrosis.

The Effect of Sub-chronic Linuron Exposure on Thyroid, Liver, and Kidney Function in Male Wistar Rats.

Ameliorating effect of *Mucuna pruriens* seed extract on sodium arsenite-induced testicular toxicity and hepato-renal histopathology in rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces multigenerational alterations in the expression of microRNA in the thymus through epigenetic modifications.

Andrographolide-based potential anti-inflammatory transcription inhibitors against nuclear factor NF-kappa-B p50 subunit (NF- κ B p50): an integrated molecular and quantum mechanical approach.

Occurrence, spatiotemporal dynamics, and ecological risk of fungicides in a reservoir-regulated basin.

Bioactive diterpenoids and sesquiterpenoids with different skeletons from *Salvia digitaloides* Diels.

Assessment of exposure to volatile organic compounds through urinary concentrations of their metabolites in pet dogs and cats from the United States.

Neurotoxic and behavioral deficit in *Drosophila melanogaster* co-exposed to rotenone and iron.

Environmentally relevant uptake, elimination, and metabolic changes following early embryonic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish.

Trehalose prevents glyphosate-induced testicular damage in roosters via its antioxidative properties.

Epidemiology and renal injury following 2-methyl-4-chlorophenoxyacetic acid (MCPA) poisoning.

Insulin Signaling Disruption and INF- γ Upregulation Induce A β (1-42) and Hyperphosphorylated-Tau Proteins Synthesis and Cell Death after Paraquat Treatment of Primary Hippocampal Cells.

Glyphosate effects on the female reproductive systems: a systematic review.

Characterization of glyphosate-induced cardiovascular toxicity and apoptosis in zebrafish.

Probiotics ameliorate growth retardation of glyphosate by regulating intestinal microbiota and metabolites in crucian carp (*Carassius auratus*).

Glyphosate disturbs various epigenetic processes in vitro and in vivo - A mini review.

Impact of Glyphosate on the Development of Insulin Resistance in Experimental Diabetic Rats: Role of NF- κ B Signalling Pathways.

Treatment of Gastrointestinal Corrosive Burns Caused by Highly Lethal Glyphosate Solution Poisoning.

[Effects and significance of continuous hemoperfusion on patients with diquat poisoning].

Tannic acid antagonizes atrazine exposure-induced autophagy and DNA damage crosstalk in grass carp hepatocytes via NO/iNOS/NF- κ B signaling pathway to maintain stable immune function.

SRT1720 as an SIRT1 activator for alleviating paraquat-induced models of Parkinson's disease.

Glyphosate-Based Herbicide Causes Cellular Alterations to Gut Epithelium of the Neotropical Stingless Bee *Melipona quadrifasciata quadrifasciata* (Hymenoptera: Meliponini).

Environmental quality and ecotoxicity of sediments from the lower Salado River basin (Santa Fe, Argentina) on amphibian larvae.

Toxic Effects Induced by Diuron and Its Metabolites in *Caenorhabditis elegans*.

Perinatal exposure to glyphosate-based herbicides impairs progeny health and placental angiogenesis by disturbing mitochondrial function.

Atrazine exposure induces necroptosis through the P450/ROS pathway and causes inflammation in the gill of common carp (*Cyprinus carpio*L.).

Protective effect of biogenic selenium nanoparticles against diquat-induced acute toxicity via regulation of gut microbiota and its metabolites.

Comparative assessment of individual and mixture chronic toxicity of glyphosate and glufosinate ammonium on amphibian tadpoles: A multibiomarker approach.

Anxiety-related behavior and associated brain transcriptome and epigenome alterations in adult female zebrafish exposed to atrazine during embryogenesis.

Glyphosate excessive use chronically disrupts the shikimate pathway and can affect photosynthesis and yield in citrus trees.

Exposure to the environmentally toxic pesticide maneb induces Parkinson's disease-like neurotoxicity in mice: A combined proteomic and metabolomic analysis.

Persistent and transgenerational effects of pesticide residues in zebrafish.

Glyphosate differentially affects the allergic immune response across generations in mice.

2,4-Dichlorophenoxyacetic acid (2,4-D) affects DNA integrity and retina structure in zebrafish larvae.

Cannabinoid Analogue WIN 55212-2 Protects Paraquat-Induced Lung Injury and Enhances Macrophage M2 Polarization.

Heavy Metals, Halogenated Hydrocarbons, Phthalates, Glyphosate, Cordycepin, Alcohol, Drugs, and Herbs, Assessed for Liver Injury and Mechanistic Steps.

Pre-Conceptional Exposure to Glyphosate Affects the Maternal Hepatic and Ovarian Proteome.

Effects of Subtoxic Concentrations of Atrazine, Cypermethrin, and Vinclozolin on microRNA-Mediated PI3K/Akt/mTOR Signaling in SH-SY5Y Cells.

YAP1 silencing attenuated lung injury/fibrosis but worsened diaphragmatic function by regulating oxidative stress and inflammation response in mice.

Avoidance responses by *Danio rerio* reveal interactive effects of warming, pesticides and their mixtures.

Smoking-Associated Exposure of Human Primary Bronchial Epithelial Cells to Aldehydes: Impact on Molecular Mechanisms Controlling Mitochondrial Content and Function.

Phlebotomy-induced iron deficiency attenuates the pulmonary toxicity of paraquat in mice.

Acute toxicity of atrazine, alachlor, and chlorpyrifos mixtures to honey bees.

Pendimethalin exposure induces bovine mammary epithelial cell death through excessive ROS production and alterations in the PI3K and MAPK signaling pathways.

Oocyte Development and Quality in Young and Old Mice following Exposure to Atrazine.

Impairment of Endothelial Function by Cigarette Smoke Is Not Caused by a Specific Smoke Constituent, but by Vagal Input From the Airway.

Identification of environmental factors that promote intestinal inflammation.

Transcriptome analysis reveals hepatotoxicity in zebrafish induced by cyhalofop-butyl.

Mechanism of 2,4-Dichlorophenoxyacetic acid-induced damage to rat testis via Fas/FasL pathway and the protective effect of *Lycium barbarum* polysaccharides.

Gut dysfunction may be the source of pathological aggregation of alpha-synuclein in the central nervous system through Paraquat exposure in mice.

Paraquat induces microglial cause early neuronal synaptic deficits through activation of the classical complement cascade response.

Perinatal exposure to a glyphosate pesticide formulation induces offspring liver damage.

Paraquat exposure induces Parkinsonism by altering lipid profile and evoking neuroinflammation in the midbrain.

Atrazine and estradiol effects on development of *Acris blanchardi* (Blanchard's cricket frog) exposed in outdoor enclosures.

Degradation of micropollutants in flow-through UV/chlorine reactors: Kinetics, mechanism, energy requirement and toxicity evaluation.

Combining Polar Organic Chemical Integrative Samplers (POCIS) with Toxicity Testing on Microalgae to Evaluate the Impact of Herbicide Mixtures in Surface Waters.

Effects of glyphosate and glyphosate-based herbicides like Roundup[®] on the mammalian nervous system: A review.

Histopathological, immunohistochemical, and molecular investigation of atrazine toxic effect on some organs of adult male albino rats with a screening of *Acacia nilotica* as a protective trial.

E-cigarettes and their lone constituents induce cardiac arrhythmia and conduction defects in mice.

Pathogenic and Commensal Gut Bacteria Harboring Glycerol/Diol Dehydratase Metabolize Glycerol and Produce DNA-Reactive Acrolein.

Intra-specific variation in sensitivity of *Bombus terrestris* and *Osmia bicornis* to three pesticides.

The exposure in ovo of embryos belonging to Amazonian turtle species *Podocnemis expansa* (Testudines) to commercial glyphosate and fipronil formulations impairs their growth and changes their skeletal development.

Lycopene Ameliorate Atrazine-Induced Oxidative Damage in the B Cell Zone via Targeting the miR-27a-3p/Foxo1 Axis.

Pathophysiological Changes in Rhesus Monkeys with Paraquat-Induced Pulmonary Fibrosis.

Cyclooxygenase-2 activates the free radical-mediated apoptosis of polymorphonuclear leukocytes in the maneb- and paraquat-intoxicated rats.

Diazabicyclo derivatives as safeners protect cotton from injury caused by flumioxazin.

Effects of the herbicide glyphosate on fish from embryos to adults: a review addressing behavior patterns and mechanisms behind them.

Immunosuppressive therapies attenuate paraquat-induced renal dysfunction by suppressing inflammatory responses and lipid peroxidation.

Evidence for the efficacy of the emetic PP796 in paraquat SL20 formulations - a narrative review of published and unpublished evidence.

Bumblebees can be Exposed to the Herbicide Glyphosate when Foraging.

A dose-related positive effect of inhaled simvastatin-loaded PLGA nanoparticles on paraquat-induced pulmonary fibrosis in rats.

Perinatal exposure to glyphosate-based herbicides induced neurodevelopmental behaviors impairments and increased oxidative stress in the prefrontal cortex and hippocampus in offspring.

Glyphosate decreases bovine oocyte quality by inducing oxidative stress and apoptosis.

Molecular signatures associated with diuron exposure on rat urothelial mitochondria.

Molecularly imprinted core-shell Au nanoparticles for 2,4-dichlorophenoxyacetic acid detection in milk using surface-enhanced Raman spectroscopy.

Neurotoxicity of pesticides - A link to neurodegeneration.

Agent Orange Exposure and Risk of Idiopathic Pulmonary Fibrosis among U.S. Veterans.

Chronic dietary exposure to a glyphosate-based herbicide results in total or partial reversibility of plasma oxidative stress, cecal microbiota abundance and short-chain fatty acid composition in broiler hens.

Digestive tract toxicity associated with exposure to 2,4-dichlorophenoxyacetic acid in rats.

What you don't know can still hurt you - underreporting in EU pesticide regulation.

The toxicokinetics of acute paraquat poisoning in specific patients: a case series.

Potential Mechanisms Involved in Chronic Kidney Disease of Unclear Etiology.

Cross-sectional and longitudinal associations of acrolein exposure with pulmonary function alteration: Assessing the potential roles of oxidative DNA damage, inflammation, and pulmonary epithelium injury in a general adult population.

Biochemical and cellular responses of the freshwater mussel, *Hyriopsis bialata*, to the herbicide atrazine.

Potential of paraquat toxicity by inhibition of the antioxidant defenses and protective effect of the natural antioxidant, 4-hydroxyisophthalic acid in *Drosophila melanogaster*.

Mitoquinone mitigates paraquat-induced A549 lung epithelial cell injury by promoting MFN1/MFN2-mediated mitochondrial fusion.

Ginsenoside Rg1 suppresses paraquat-induced epithelial cell senescence by enhancing autophagy in an ATG12-dependent manner.

Pentachlorophenol mediated regulation of DAMPs and inflammation: In vitro study.

Effect of dielectric barrier discharge plasma on persulfate activation for rapid degradation of atrazine: Optimization, mechanism and energy consumption.

Verbascoside inhibits paraquat-induced pulmonary toxicity via modulating oxidative stress, inflammation, apoptosis and DNA damage in A549 cell.

IL-6/STAT3/Foxo1 axis as a target of lycopene ameliorates the atrazine-induced thymic mitophagy and pyroptosis cross-talk.

Roundup and glyphosate's impact on GABA to elicit extended proconvulsant behavior in *Caenorhabditis elegans*.

[Study on the Protective effect and mechanism of Nicotinamide Riboside on lung injury in paraquat intoxicated mice].

Citric Acid-Derived Carbon Quantum Dots Attenuate Paraquat-Induced Neuronal Compromise In Vitro and In Vivo.

Potential Effects on Mental Health Status Associated with Occupational Exposure to Pesticides among Thai Farmers.

New is not always better: Toxicity of novel copper based algacides to *Daphnia magna*.

Melatonin ameliorates renal dysfunction in glyphosate- and hard water-treated mice.

Metabolomics analysis of the potential toxicological mechanisms of diquat dibromide herbicide in adult zebrafish (*Danio rerio*) liver.

Time-resolved proteome and transcriptome of paraquat-induced pulmonary fibrosis.

Effects of glyphosate on cladocera: A synthetic review.

UV activated sodium percarbonate to accelerate degradation of atrazine: Mechanism, intermediates, and evaluation on residual toxicity by metabolomics.

Influence of temperature on growth, development and thyroid metabolism of American bullfrog tadpoles (*Lithobates catesbeianus*) exposed to the herbicide tebuthiuron.

Chronic dietary exposure to a glyphosate-based herbicide results in reversible increase early embryo mortality in chicken.

Effects of atrazine and diuron on life parameters, antioxidant response, and multixenobiotic resistance in non-targeted marine zooplankton.

Effects of environmentally relevant concentrations of atrazine and glyphosate herbicides, isolated and in mixture, on two generation of the freshwater microcrustacean *Daphnia magna*.

Neurotoxicological Profiling of Paraquat in Zebrafish Model.

Glyphosate-based herbicide induces long-lasting impairment in neuronal and glial differentiation.

Curcumin improves the protective effects of quercetin against atrazine-induced testicular injury in adult Wistar rats.

Herbicide Roundup shows toxic effects in nontarget organism *Drosophila*.

Alternation between toxic and proliferative effects of Roundup® on human thyroid cells at different concentrations.

A Case of Severe 2,4-Dichlorophenoxyacetic Acid Poisoning Causing Diagnostic and Treatment Challenges.

The adverse impact of herbicide Roundup Ultra Plus in human spermatozoa plasma membrane is caused by its surfactant.

Glyphosate infiltrates the brain and increases pro-inflammatory cytokine TNF α : implications for neurodegenerative disorders.

Glyphosate-based herbicide exposure: effects on gill microbiota of rainbow trout (*Oncorhynchus mykiss*) and the aquatic bacterial ecosystem.

Effects of Curcumin on Mitochondrial Function, Endoplasmic Reticulum Stress, and Mitochondria-Associated Endoplasmic Reticulum Membranes in the Jejunum of Oxidative Stress Piglets.

Acer pseudoplatanus: A Potential Risk of Poisoning for Several Herbivore Species.

Molecular Physicochemical Properties of Selected Pesticides as Predictive Factors for Oxidative Stress and Apoptosis-Dependent Cell Death in Caco-2 and HepG2 Cells.

Modulation of atrazine-induced chromosomal aberrations and cyclin-dependent kinases by aqueous extract of *Roylea cinerea* (D. Don) Baillon leaves in *Allium cepa*.

Rapid Communication: oxidative stress induced by mixed exposure to glyphosate and silver nanoparticles.

Glyphosate-based herbicide causes spermatogenesis disorder and spermatozoa damage of the Chinese mitten crab (*Eriocheir sinensis*) by affecting testes characteristic enzymes, antioxidant capacities and inducing apoptosis.

Acrolein, an environmental toxicant and its applications to in vivo and in vitro atherosclerosis models: An update.

The Cardiotoxic Effect of Roundup® is not Induced by Glyphosate: A Non-specific Blockade of Human Ca(V)_{1.2} Channels.

Neuro-hepatopathological changes in juvenile *Oreochromis niloticus* exposed to sublethal concentrations of commercial herbicides.

Investigating mitochondria-immune responses in zebrafish, *Danio rerio* (Hamilton, 1822): A case study with the herbicide dinoseb.

The study of human serum metabolome on the health effects of glyphosate and early warning of potential damage.

Impaired initial development and behavior in zebrafish exposed to environmentally relevant concentrations of widely used pesticides.

Derivation of water quality criteria for glyphosate and its formulations to protect aquatic life in China.

Agent Orange and dioxin-induced myeloid leukemia: a weaponized vehicle of leukemogenesis.

Pterocarpus mildbraedii leaf extract ebbs propanil-induced oxidative and apoptotic damage in the liver of rats.

The Association Between 2, 4-Dichlorophenoxyacetic Acid and Erectile Dysfunction.

Co-exposure of Monensin Increased the Risks of Atrazine to Earthworms.

Comparative study of oral versus parenteral crocin in mitigating acrolein-induced lung injury in albino rats.

Risk assessment of glyphosate and malathion pollution and their potential impact on *Oreochromis niloticus*: role of organic selenium supplementation.

Pesticides and farmers' health: an analysis of variables related to management and property.

Community metabolomics provides insights into mechanisms of pollution-induced community tolerance of periphyton.

Isorhapontigenin Modulates SOX9/TOLLIP Expression to Attenuate Cell Apoptosis and Oxidative Stress in Paraquat-Induced Acute Kidney Injury.

Ginkgolide C Alleviates Acute Lung Injury Caused by Paraquat Poisoning via Regulating the Nrf2 and NF- κ B Signaling Pathways.

Glyphosate impairs bee thermoregulation.

Glyphosate impairs collective thermoregulation in bumblebees.

Gelatin-derived carbon quantum dots mitigate herbicide-induced neurotoxic effects in vitro and in vivo.

Glyphosate exposure modulates lipid composition, histo-architecture and oxidative stress status and induces neurotoxicity in the smooth scallop *Flexopecten glaber*.

Subacute dermal toxicity study of bensulfuron-methyl in Sprague-Dawley rats.

Paraquat-induced oxidative stress regulates N6-methyladenosine (m(6)A) modification of long noncoding RNAs in Neuro-2a cells.

A time-course study of microglial activation and dopaminergic neuron loss in the substantia nigra of mice with paraquat-induced Parkinson's disease.

Cellular and Molecular Events Leading to Paraquat-Induced Apoptosis: Mechanistic Insights into Parkinson's Disease Pathophysiology.

An in vitro strategy using multiple human induced pluripotent stem cell-derived models to assess the toxicity of chemicals: A case study on paraquat.

Glyphosate and neurological outcomes: A systematic literature review of animal studies.

Lifelong Exposure to a Low-Dose of the Glyphosate-Based Herbicide RoundUp(®) Causes Intestinal Damage, Gut Dysbiosis, and Behavioral Changes in Mice.

Urinary Levels of Sirtuin-1, γ -Glutathione S-Transferase, and Mitochondrial DNA in Maize Farmer Occupationally Exposed to Herbicide.

Age-related tolerance to paraquat-induced parkinsonism in *Drosophila melanogaster*.

Role of OCT3 and DRP1 in the Transport of Paraquat in Astrocytes: A Mouse Study.

Ameliorative effect of selenium yeast supplementation on the physio-pathological impacts of chronic exposure to glyphosate and or malathion in *Oreochromis niloticus*.

Developmental toxicity of glyphosate on embryo-larval zebrafish (*Danio rerio*).

Paraquat-induced intracellular Zn(2+) dysregulation causes dopaminergic degeneration in the substantia nigra, but not in the striatum.

Endocrine, immune and renal toxicity in male largemouth bass after chronic exposure to glyphosate and Rodeo®.

A review of molecular mechanisms linked to potential renal injury agents in tropical rural farming communities.

Differential effects of two prevalent environmental pollutants on host-pathogen dynamics.

2,4-dichlorophenoxyacetic acid induces ROS activation in NLRP3 inflammatory body-induced autophagy disorder in microglia and the protective effect of Lycium barbarum polysaccharide.

Integrating network pharmacology and in vitro model to investigate hippocampal neurotoxicity induced by atrazine.

3,4-Dihydroxybenzaldehyde attenuates pentachlorophenol-induced cytotoxicity, DNA damage and collapse of mitochondrial membrane potential in isolated human blood cells.

Protective effect of Thymus munbyanus aqueous extract against 2,4-dichlorophenoxyacetic acid-induced nephrotoxicity in Wistar rats.

Vesicle transport related protein Synaptotagmin-1 mediates paraquat transport to antagonize paraquat toxicity.

Clinicohematological, Mutagenic, and Oxidative Stress Induced by Pendimethalin in Freshwater Fish Bighead Carp (*Hypophthalmichthys nobilis*).

Toxic Effects of Glyphosate on the Nervous System: A Systematic Review.

[Dynamic changes of locus coeruleus damage in Parkinson's disease-like mice induced by paraquat].

Tracing brain genotoxic stress in Parkinson's disease with a novel single-cell genetic sensor.

Do commonly used herbicides (atrazine and glyphosate) have the potential to impair the contractions, prostaglandin releasing and conducting of oxytocin signal at the bovine cervix in vitro?

Realistic exposure to fipronil, 2,4-D, vinasse and their mixtures impair larval amphibian physiology.

Paraquat Inhibits Autophagy Via Intensifying the Interaction Between HMGB1 and α -Synuclein.

Acrolein, an endogenous aldehyde induces synaptic dysfunction in vitro and in vivo: Involvement of RhoA/ROCK2 pathway.

Chronic environmentally relevant levels of pesticides disrupt energy reserves, feeding rates, and life-cycle responses in the amphipod *Hyalella meinerti*.

Ameliorative effect of N-acetylcysteine on the testicular tissue of adult male albino rats after glyphosate-based herbicide exposure.

Histopathological, Immunohistochemical, And Molecular Alterations In Brain Tissue And Submandibular Salivary Gland Of Atrazine-Induced Toxicity In Male Rats.

Autonomic behavioral impairment induced by simazine exposure during early life of male mouse is mediated by Lmx1a/Wnt1 pathway.

Mechanisms of acrolein induces toxicity in human umbilical vein endothelial cells: Oxidative stress, DNA damage response, and apoptosis.

First report on the production of phytotoxic metabolites by *Mycoleptodiscus indicus* under optimized conditions of submerged fermentation.

Aqueous *Thunbergia laurifolia* leaf extract alleviates paraquat-induced lung injury in rats by inhibiting oxidative stress and inflammation.

Lycopene ameliorates atrazine-induced pyroptosis in spleen by suppressing the Ox-mtDNA/Nlrp3 inflammasome pathway.

[Preliminary study on time-dependent changes of intestinal tract and brain-gut axis in mice model of Parkinson's disease induced by paraquat].

Human Amnion-Derived MSCs Alleviate Acute Lung Injury and Hinder Pulmonary Fibrosis Caused by Paraquat in Rats.

Toxicity of commercial atrazine in *Rattus norvegicus* organs as a function of concentration: histopathological, ultrastructural and hematological evaluation.

Effects of Phosphonate Herbicides on the Secretions of Plant-Beneficial Compounds by Two Plant Growth-Promoting Soil Bacteria: A Metabolomics Investigation.

Prediction of the human pharmacokinetics of epyrifenacil and its major metabolite, S-3100-CA, by a physiologically based pharmacokinetic modeling using chimeric mice with humanized liver.

Mild chronic exposure to pesticides alters physiological markers of honey bee health without perturbing the core gut microbiota.

Individual and combined multigenerational effects induced by polystyrene nanoplastic and glyphosate in *Daphnia magna* (Strauss, 1820).

Metabolomic and Transcript Analysis Revealed a Sex-Specific Effect of Glyphosate in Zebrafish Liver.

Decarboxylases as hypothetical targets for actions of organophosphates: Molecular modeling for prediction of hidden and unexpected health threats.

Nicosulfuron, a sulfonylurea herbicide, alters embryonic development and oxidative status of hatchlings at environmental concentrations in an amphibian species.

Effects of subchronic exposure to environmentally relevant concentrations of a commercial fluridone formulation on fathead minnows (*Pimephales promelas*).

Integrated metabolomics and transcriptomics analysis reveals new biomarkers and mechanistic insights on atrazine exposures in MCF-7 cells.

Changes in defense capacity to infectious hematopoietic necrosis virus (IHNV) in rainbow trout intergenerationally exposed to glyphosate.

Impact of glyphosate-based herbicide on early embryonic development of the amphibian *Xenopus laevis*.

Apiaceous vegetables protect against acrolein-induced pulmonary injuries through modulating hepatic detoxification and inflammation in C57BL/6 male mice.

Effects of algae and fungicides on the fate of a sulfonylurea herbicide in a water-sediment system.

Phenolic-rich extract of avocado *Persea americana* (var. Colinred) peel blunts paraquat/maneb-induced apoptosis through blocking phosphorylation of LRRK2 kinase in human nerve-like cells.

Low concentrations of glyphosate alone affect the pubertal male rat meiotic step: An in vitro study.

Impacts of early-life paraquat exposure on gut microbiota and body weight in adult mice.

Pathogenic potential and phytotoxic effects of *Coniolaria gamsii* Iran 2506C on Iranian knapweed (*Centaurea depressa*).

Ecotoxicity of herbicide carfentrazone-ethyl towards earthworm *Eisenia fetida* in soil.

Acute exposure to paraquat affects the phenotypic differentiation of substantia nigra microglia in rats.

Dimethylmonothioarsinic acid and dimethyldithioarsinic acid in the environment: Sorption characteristics on 2-line ferrihydrite and acute toxicity to *Daphnia magna*.

The protective effect of fluted pumpkin seeds against atrazine-induced testicular injury.

A Novel Algicidal Bacterium, *Microbulbifer* sp. YX04, Triggered Oxidative Damage and Autophagic Cell Death in *Phaeocystis globosa*, Which Causes Harmful Algal Blooms.

Nontarget Impacts of Herbicides on Spiders in Orchards.

DNA Double-Strand Breaks Induced in Human Cells by 6 Current Pesticides: Intercomparisons and Influence of the ATM Protein.

Environmental relevant herbicide prometryn induces developmental toxicity in the early life stages of marine medaka (*Oryzias melastigma*) and its potential mechanism.

Exploring the molecular mechanisms of the inhibition of acrolein-induced BEAS-2B cytotoxicity by luteolin using network pharmacology and cell biology technology.

5-Aminosalicylic acid attenuates paraquat-induced lung fibroblast activation and pulmonary fibrosis of rats.

Paraquat mediates BV-2 microglia activation by raising intracellular ROS and inhibiting Akt1 phosphorylation.

Paraquat exposure impairs porcine oocyte meiotic maturation.

A Case of a Lethal Diquat Ingestion in a Toddler.

The influence of preconditioning with low dose of LPS on paraquat-induced neurotoxicity, microglia activation and expression of α -synuclein and synphilin-1 in the dopaminergic system.

Benchmark dose and the adverse effects of exposure to pendimethalin at low dose in female rats.

Attenuating effect of *Prosopis cineraria* against paraquat-induced toxicity in prepubertal mice, *Mus musculus*.

The protective role of lycopene against toxic effects induced by the herbicide Harness[®] and its active ingredient acetochlor on the African catfish *Clarias gariepinus* (Burchell, 1822).

Tenascin-C Participates Pulmonary Injury Induced by Paraquat Through Regulating TLR4 and TGF- β^2 Signaling Pathways.

The STING-IRF3 pathway contributes to paraquat-induced acute lung injury.

Prolonged atrazine exposure beginning in utero and adult uterine morphology in mice.

Toxicity mechanism of acrolein on DNA damage and apoptosis in BEAS-2B cells: Insights from cell biology and molecular docking analyses.

[Effects on extravascular lung water of lung protective ventilation strategy applied on piglets with acute respiratory distress syndrome induced by paraquat].

Glyphosate-induced gut microbiota dysbiosis facilitates male reproductive toxicity in rats.

Ellagic acid ameliorates paraquat-induced liver injury associated with improved gut microbial profile.

Resveratrol protected acrolein-induced ferroptosis and insulin secretion dysfunction via ER-stress-related PERK pathway in MIN6 cells.

The effects of low-toxic herbicide Roundup and glyphosate on mitochondria.

MicroRNA-200b-3p as a biomarker for diagnosis and survival prognosis of multiple organ dysfunction syndrome caused by acute paraquat poisoning.

Protective Effects of N-acetylcysteine Niosome Nanoparticles on Paraquat-induced Nephrotoxicity in Male Rats.

Silymarin protects the rats against paraquat-induced acute kidney injury via Nrf2.

Cytotoxic and genotoxic effects induced by associated commercial glyphosate and 2,4-D formulations using the *Allium cepa* bioassay.

Hydrogen sulfide as a potent scavenger of toxicant acrolein.

Analysis of serum levels of organochlorine pesticides and related factors in Parkinson's disease.

The Longitudinal Profile of a Stream Contaminated With 2,4-D and its Effects on Non-Target Species.

Perinatal exposure to the thyroperoxidase inhibitors methimazole and amitrole perturbs thyroid hormone system signaling and alters motor activity in rat offspring.

Evaluation of the efficiency of simvastatin loaded PLGA nanoparticles against acute paraquat-intoxicated rats.

Prenatal exposure to paraquat and nanoscaled TiO₂ aerosols alters the gene expression of the developing brain.

Atrazine uptake, translocation, bioaccumulation and biodegradation in cattail (*Typha latifolia*) as a function of exposure time.

The relationship between pesticide exposure during critical neurodevelopment and autism spectrum disorder: A narrative review.

The potential risks of herbicide butachlor to immunotoxicity via induction of autophagy and apoptosis in the spleen.

Farming, pesticide exposure and respiratory health: a cross-sectional study in Thailand.

Prediction of optical coherence tomography-detected calcified nodules using coronary computed tomography angiography.

[The relevance of electrocardiographic abnormalities and prognosis in patients with paraquat poisoning].

Toxicity of extracellular alpha-synuclein is independent of intracellular alpha-synuclein.

Characterization and Quantification of Acrolein-Induced Modifications in Hemoglobin by Mass Spectrometry—Effect of Cigarette Smoking.

Cinnamaldehyde causes developmental neurotoxicity in zebrafish via the oxidative stress pathway that is rescued by astaxanthin.

An ecological study regarding the association between paraquat exposure and end stage renal disease.

Lung transplantation in a woman with paraquat poisoning that led to pulmonary fibrosis—Widely reported by the media: A case report.

[Glyphosate detection in the duodenal fluid of horses with gastric ulcer syndrome].

A proposed NAM-based tiered phototoxicity testing and human risk assessment framework for agrochemicals.

Paraquat is an agonist of STIM1 and increases intracellular calcium levels.

Case series: Diquat poisoning with acute kidney failure, myocardial damage, and rhabdomyolysis.

Network pharmacology and molecular docking-based prediction of active compounds and mechanisms of action of *Cnidii Fructus* in treating atopic dermatitis.

Lung Cancer in the French West Indies: Role of Sugarcane Work and Other Occupational Exposures.

Metolachlor Poisoning with Lactic Acidosis Improved by Thiamine Administration: A Case Report.

The Therapeutic Roles of Cinnamaldehyde against Cardiovascular Diseases.

Cinnamaldehyde-based poly(thioacetal): A ROS-awakened self-amplifying degradable polymer for enhanced cancer immunotherapy.

Acrolein plays a culprit role in the pathogenesis of diabetic nephropathy in vitro and in vivo.

Acute fungicide self-poisoning - a prospective case series.

Novel anti-arthritic mechanisms of trans-cinnamaldehyde against complete Freund's adjuvant-induced arthritis in mice: involvement of NF- κ B/TNF- α and IL-6/IL-23/IL-17 pathways in the immunoinflammatory responses.

Acute diquat poisoning causes rhabdomyolysis.

Impact of Environmental Risk Factors on Mitochondrial Dysfunction, Neuroinflammation, Protein Misfolding, and Oxidative Stress in the Etiopathogenesis of Parkinson's Disease.

A Comparative Study on the Effect of Acute Pharyngeal Stimulation with TRP Agonists on the Biomechanics and Neurophysiology of Swallow Response in Patients with Oropharyngeal Dysphagia.

A Composition of Phytonutrients for Glycemic and Weight Management.

Plasma treatment effects on destruction and recovery of *Porphyromonas gingivalis* biofilms.

Prediction of mortality and morbidity following paraquat poisoning based on trend of liver and kidney injury.

pH-responsive cinnamaldehyde-TiO₂ nanotube coating: fabrication and functions in a simulated diabetes condition.

Antagonism of Cyanamide-3-O-glucoside and protocatechuic acid on Aflatoxin B₁-induced toxicity in zebrafish larva (*Danio rerio*).

The methyltransferase METTL3-mediated fatty acid metabolism revealed the mechanism of cinnamaldehyde on alleviating steatosis.

Toxic effects of glyphosate on the intestine, liver, brain of carp and on epithelioma papulosum cyprinid cells: Evidence from in vivo and in vitro research.

Pretilachlor Poisoning: A Rare Case of Herbicide Poisoning with Neurotoxicity.

Cinnamaldehyde protects against ligature-induced periodontitis through the inhibition of microbial accumulation and inflammatory responses of host immune cells.

Pesticide use, agricultural outputs, and pesticide poisoning deaths in Japan.

Utilizing novel TBI-on-a-chip device to link physical impacts to neurodegeneration and decipher primary and secondary injury mechanisms.

A triphenylphosphine coordinated cinnamaldehyde-derived copper(I) Fenton-like agent with mitochondrial aggregation damage for chemodynamic therapy.

Protective Effects of Cinnamaldehyde on the Oxidative Stress, Inflammatory Response, and Apoptosis in the Hepatocytes of *Salmonella Gallinarum*-Challenged Young Chicks.

Widespread pesticide contamination of drinking water and impact on cancer risk in Brazil.

LncRNA BIRF Promotes Brain Ischemic Tolerance Induced By Cerebral Ischemic Preconditioning Through Upregulating GLT-1 via Sponging miR-330-5p.

Genomic Analyses Identify Manganese Homeostasis as a Driver of Group B Streptococcal Vaginal Colonization.

Cinnamaldehyde Mitigates Atherosclerosis Induced by High-Fat Diet via Modulation of Hyperlipidemia, Oxidative Stress, and Inflammation.

Evaluation of cinnamaldehyde mucoadhesive patches on minor recurrent aphthous stomatitis: a randomized, double-blind, placebo-controlled clinical trial.

Protective effect of cinnamaldehyde on channel catfish infected by drug-resistant *Aeromonas hydrophila*.

[Imaging features of 10 patients with toxic encephalopathy caused by diquat].

Targeted delivery of acrolein scavenger hydralazine in spinal cord injury using folate-linker-drug conjugation.

Effects of cinnamaldehyde on glucose-6-phosphate dehydrogenase activity, some biochemical and hematological parameters in diabetic rats.

Homicidal paraquat poisoning: Poisoned while drinking.

Acute diquat poisoning resulting in toxic encephalopathy: a report of three cases.

Trans-cinnamaldehyde protects against phenylephrine-induced cardiomyocyte hypertrophy through the CaMKII/ERK pathway.

[A case of acute poisoning caused by oral administration of large dose hexazinone].

Theranostic Copolymers Neutralize Reactive Oxygen Species and Lipid Peroxidation Products for the Combined Treatment of Traumatic Brain Injury.

Wnt-induced secreted proteins-1 play an important role in paraquat-induced pulmonary fibrosis.

The acute paraquat poisoning mortality (APPM) score to predict the risk of death in paraquat-poisoned patients.

Investigation of anti-Parkinson activity of dicyclomine.

Acrolein inhalation acutely affects the regulation of mitochondrial metabolism in rat lung.

[Clinical features of 86 cases of acute diquat poisoning].

Mechanisms of cinnamic aldehyde against myocardial ischemia/hypoxia injury in vivo and in vitro: Involvement of regulating PI3K/AKT signaling pathway.

Successful Treatment of Severe Toxic Hepatitis and Encephalopathy Without Respiratory Failure Caused by Paraquat Intoxication.

Histopathological Findings in a Fatal Case of Paraquat Poisoning.

Major component causing neurological toxicity in acute glufosinate ammonium poisoning: determination of glufosinate, 1-methoxy-2-propanol, and ammonia in serum and cerebrospinal fluid.

Cinnamaldehyde induces autophagy-mediated cell death through ER stress and epigenetic modification in gastric cancer cells.

[A five-year follow-up report on lung imaging and exercise endurance of a patient with paraquat poisoning].

C. elegans as an in vivo model system for the phenotypic drug discovery for treating paraquat poisoning.

MyD88 deficiency ameliorates weight loss caused by intestinal oxidative injury in an autophagy-dependent mechanism.

The phytonutrient cinnamaldehyde limits intestinal inflammation and enteric parasite infection.

Quaternion of paraquat poisoning: icterus, oral ulceration, acute respiratory and renal failure.

Effect of Cinnamaldehyde on *C. albicans* cell wall and (1,3)- β -D-glucans in vivo.

Comparison of Biochemical Parameters between Mouse Model and Human after Paraquat Poisoning.

[Analysis of 1 case of convulsion death caused by large dose of diquat poisoning].

Trans-cinnamaldehyde suppresses microtubule detyrosination and alleviates cardiac hypertrophy.

Asthma attacks: Patients who survived paraquat poisoning.

Acrolein, an endogenous aldehyde induces Alzheimer's disease-like pathologies in mice: A new sporadic AD animal model.

Taurine protects dopaminergic neurons in paraquat-induced Parkinson's disease mouse model through PI3K/Akt signaling pathways.

Combination of TRP channel dietary agonists induces energy expending and glucose utilizing phenotype in HFD-fed mice.

Association of urinary arsenic and sleep disorder in the US population: NHANES 2015-2016.

Lessons for the clinical nephrologist: acute kidney injury by a glyphosate-surfactant herbicide.

Cinnamaldehyde attenuates kidney senescence and injury through PI3K/Akt pathway-mediated autophagy via downregulating miR-155.

Oxidative stress-induced phosphorylation of JIP4 regulates lysosomal positioning in coordination with TRPML1 and ALG2.

Dinitroaniline herbicides: a comprehensive review of toxicity and side effects on animal non-target organisms.

Interactive effects of high temperature and pesticide exposure on oxidative status, apoptosis, and renin expression in kidney of goldfish: Molecular and cellular mechanisms of widespread kidney damage and renin attenuation.

Using Computational Drug-Gene Analysis to Identify Novel Therapeutic Candidates for Retinal Neuroprotection.

Chemical fumigants control apple replant disease: Microbial community structure-mediated inhibition of *Fusarium* and degradation of phenolic acids.

Ellagic acid prevents gut damage via ameliorating microbe-associated intestinal lymphocyte imbalance.

Fluroxypyr-1-methylheptyl ester induced ROS production and mitochondrial apoptosis through the MAPK signaling cascade in porcine trophectoderm and uterine luminal epithelial cells.

A reactive oxygen species-replenishing coordination polymer nanomedicine disrupts redox homeostasis and induces concurrent apoptosis-ferroptosis for combinational cancer therapy.

Peripheral tissular analysis of rapamycin's effect as a neuroprotective agent in vivo.

Aryl hydrocarbon receptor agonist diuron and its metabolites cause reproductive disorders in male marine medaka (*Oryzias melastigma*).

Application of trinity emergency nursing pathway in comprehensive treatment of acute paraquat poisoning.

The shikimate pathway regulates programmed cell death.

The absence of the queuosine tRNA modification leads to pleiotropic phenotypes revealing perturbations of metal and oxidative stress homeostasis in *Escherichia coli* K12.

[Effects of arsenic and its main metabolites on A549 cell apoptosis and the expression of pro-apoptotic genes Bad and Bik].

Sociodemographic and clinical characteristics related to the final condition of patients intoxicated by paraquat in a hospital in southwestern Colombia.

Recovery of virus-free Almond (*Prunus dulcis*) cultivars by somatic embryogenesis from meristem undergone thermotherapy.

Ablation of FUNDC1-dependent mitophagy renders myocardium resistant to paraquat-induced ferroptosis and contractile dysfunction.

Physicochemical Changes in Bone Bioapatite During the Late Postmortem Interval Pre- and Post-Burning.

Cinnamaldehyde-Based Self-Nanoemulsion (CA-SNEDDS) Accelerates Wound Healing and Exerts Antimicrobial, Antioxidant, and Anti-Inflammatory Effects in Rats' Skin Burn Model.

Ethalfuralin impairs implantation by aggravation of mitochondrial viability and function during early pregnancy.

Molecular Mechanisms of Acute Organophosphate Nephrotoxicity.

Dinitramine induces implantation failure by cell cycle arrest and mitochondrial dysfunction in porcine trophectoderm and luminal epithelial cells.

A clinico-epidemiological Study of acute Self-poisoning by different Types of herbicidal Substances used in agricultural Fields: A Study from Patients admitted in a Tertiary Care Hospital in West Bengal.

NRF2 activation by 2-methoxycinnamaldehyde attenuates inflammatory responses in macrophages via enhancing autophagy flux.

Pesticide pollutants in the environment - A critical review on remediation techniques, mechanism and toxicological impact.

Acute toxicity, bioaccumulation and elimination of prometryn in tilapia (*Oreochromis niloticus*).

Cinnamaldehyde prevents intergenerational effect of paternal depression in mice via regulating GR/miR-190b/BDNF pathway.

Occurrence of Banned and Currently Used Herbicides, in Groundwater of Northern Greece: A Human Health Risk Assessment Approach.

Determination of Glyphosate and AMPA in Blood Can Predict the Severity of Acute Glyphosate Herbicide Poisoning.

A Deadly Herbicide 'Paraquat Poisoning' and Miserable Death of a 19 Years Boy.

Bioremediation of quinclorac injury on tobacco by a rhizosphere bacterium.

Soybean dose-response to 2,4-D and dicamba at vegetative and reproductive growth stages.

Combined effects of S-metolachlor and benoxacor on embryo development in zebrafish (*Danio rerio*).

Enhanced photoelectrochemical aptasensing triggered by nitrogen deficiency and cyano group simultaneously engineered 2D carbon nitride for sensitively monitoring atrazine.

Acid-Responsive Micelles Releasing Cinnamaldehyde Enhance RSL3-Induced Ferroptosis in Tumor Cells.

The effects of aerobic exercise training with octopamine supplementation on cardiomyocyte apoptosis induced by deep-frying oil: The role of caspase and procaspase 3.

Cinnamaldehyde Regulates the Generation of $\hat{\Gamma}^3$ -aminobutyric Acid to Exert Sedation via Irreversible Inhibition of ENO1 in the Cerebellar Granular Layer.

Design and synthesis of amphiphilic carboxyl-functionalized magnetic polymer microspheres for fast determination of paraquat and its four metabolites in human urine samples prior to ultra-high performance liquid chromatography-high resolution mass spectrometry.

Impacts of dietary exposure to pesticides on faecal microbiome metabolism in adult twins.

Dynamic changes of serum cytokines in acute paraquat poisoning and changes in patients' immune function.

Metabolic Investigation on the Interaction Mechanism between Dietary Dihydrochalcone Intake and Lipid Peroxidation Product Acrolein Reduction.

Alterations at biochemical, proteomic and transcriptomic levels in liver of tilapia (*Oreochromis niloticus*) under chronic exposure to environmentally relevant level of glyphosate.

Association of Glyphosate Exposure with Blood DNA Methylation in a Cross-Sectional Study of Postmenopausal Women.

Metabolomics insight into the influence of environmental factors in responses of freshwater biofilms to the model herbicide diuron.

Comparison of modes of action between fish, cell and mitochondrial toxicity based on toxicity correlation, excess toxicity and QSAR for class-based compounds.

Single-Center Experience With Paraquat Exposure in Nine Patients.

Parental diuron exposure causes lower hatchability and abnormal ovarian development in offspring of medaka (*Oryzias melastigma*).

Glyphosate applied at a hormetic dose improves ripening without impairing sugarcane productivity and ratoon sprouting.

The combination of organic and inorganic fertilizers influence the weed growth, productivity and soil fertility of monsoon rice.

Phytochemicals mitigation of Brassica napus by IAA grown under Cd and Pb toxicity and its impact on growth responses of *Anagallis arvensis*.

Development and validation of a sensitive and high throughput UPLC-MS/MS method for determination of paraquat and diquat in human plasma and urine: application to poisoning cases at emergency departments of hospitals.

Comprehending the Role of Endocrine Disruptors in Inducing Epigenetic Toxicity.

CHANGES IN THE STATE OF VEGETATIVE NERVOUS SYSTEM OF ALBINO RATS AT THE BACKGROUND OF CHRONIC ROUNDUP POISONING.

The early impact of paraquat ban on suicide in Taiwan.

Behavioral, histopathological, and biochemical evaluations on the effects of cinnamaldehyde, naloxone, and their combination in morphine-induced cerebellar toxicity.

The effect of tracheal occlusion in congenital diaphragmatic hernia in the nitrofen rat lung explant model.

Probiotic Bifidobacteria Mitigate the Deleterious Effects of para-Cresol in a *Drosophila melanogaster* Toxicity Model.

Pro-Inflammatory Interactions of Dolutegravir with Human Neutrophils in an In Vitro Study.

Iron deficiency anemia in infants in Sousa (PB), Brazil: an association with nutritional status.

The significance of thymoquinone administration on liver toxicity of diazinon and cholinesterase activity; a recommendation for prophylaxis among individuals at risk.

Nano-formulations in treatment of iron deficiency anaemia: An overview.

Protocol for a multicenter, double-blinded placebo-controlled randomized controlled trial comparing intravenous ferric derisomaltose to oral ferrous sulfate for the treatment of iron deficiency anemia in pregnancy: The IVIDA2 trial.

Impact of mixtures of persistent organic pollutants on breast cancer aggressiveness.

Promising hepatoprotective effects of lycopene in different liver diseases.

Hibiscus sabdariffa L. polyphenolic-rich extract promotes muscle glucose uptake and inhibits intestinal glucose absorption with concomitant amelioration of Fe(2+) -induced hepatic oxidative injury.

Evaluation of the mode of action and human relevance of liver tumors in male mice treated with epyrifenacil.

Functional analysis of RYR1 variants in patients with confirmed susceptibility to malignant hyperthermia.

Effects of neuron autophagy induced by arsenic and fluoride on spatial learning and memory in offspring rats.

A CRISPR-based lateral flow assay for plant genotyping and pathogen diagnostics.

Impact of environmental toxicants exposure on gut-brain axis in Parkinson disease.

Efficacy and Mechanism of Buxue Yimu Pills on Gynecological Anemia: A Combination of Clinical and Network Pharmacology Study.

Pesticide exposure and risk of cardiovascular disease: A systematic review.

The Clostridium Metabolite P-Cresol Sulfate Relieves Inflammation of Primary Biliary Cholangitis by Regulating Kupffer Cells.

Understanding In Vitro Pathways to Drug Discovery for TDP-43 Proteinopathies.

Lactobacillus reuteri tryptophan metabolism promotes host susceptibility to CNS autoimmunity.

Oral Ferrous Sulphate Improves Functional Capacity on Heart Failure Patients with Iron Deficiency Anemia.

BDE-209 and TCDD enhance metastatic characteristics of melanoma cells after chronic exposure.

A cell-based evaluation of human tyrosinase-mediated metabolic activation of leukoderma-inducing phenolic compounds.

[Protective effect of active vitamin D on liver fibrosis induced by sodium arsenite in SD rats].

Impact of the National Amyotrophic Lateral Sclerosis Registry: Analysis of Registry-funded Research.

Flurochloridone induced abnormal spermatogenesis by damaging testicular Sertoli cells in mice.

Ferrous sulfate-loaded hydrogel cures Staphylococcus aureus infection via facilitating a ferroptosis-like bacterial cell death in a mouse keratitis model.

Potential for TCDD to induce regulatory functions in B cells as part of the mechanism for T cell suppression in EAE.

Thiobencarb induces phenotypic abnormalities, apoptosis, and cardiovascular toxicity in zebrafish embryos through oxidative stress and inflammation.

Association between trichlorophenols and neurodegenerative diseases: A cross-sectional study from NHANES 2003-2010.

Pharmacological testing of therapeutics using normothermic machine perfusion: A pilot study of 2,4-dinitrophenol delivery to steatotic human livers.

Betaine attenuates sodium arsenite-induced renal dysfunction in rats.

Lamp1 Deficiency Enhances Sensitivity to α -Synuclein and Oxidative Stress in Drosophila Models of Parkinson Disease.

2,4-Dinitrophenol as an Uncoupler Augments the Anthracyclines Toxicity against Prostate Cancer Cells.

The synergy of β amyloid 1-42 and oxidative stress in the development of Alzheimer's disease-like neurodegeneration of hippocampal cells.

Extended Conjugation Tuning Carbon Nitride for Non-sacrificial H₂ O₂ Photosynthesis and Hypoxic Tumor Therapy.

Treatment with Amniotic Fluid Stem Cell Extracellular Vesicles Promotes Fetal Lung Branching and Cell Differentiation at Canalicular and Saccular Stages in Experimental Pulmonary Hypoplasia Secondary to Congenital Diaphragmatic Hernia.

Analysis of environmental chemical mixtures and nonalcoholic fatty liver disease: NHANES 1999-2014.

Tolerability of Oral Supplementation with Microencapsulated Ferric Saccharate Compared to Ferrous Sulphate in Healthy Premenopausal Woman: A Crossover, Randomized, Double-Blind Clinical Trial.

Rapid and convenient detection of SARS-CoV-2 using a colorimetric triple-target reverse transcription loop-mediated isothermal amplification method.

N-myc downstream regulated gene 1 (ndrg1) functions as a molecular switch for cellular adaptation to hypoxia.

Carbamylation of β 2-glycoprotein I generates new autoantigens for antiphospholipid syndrome: a new tool for diagnosis of 'seronegative' patients.

Severe methyl bromide poisoning causing early acute renal failure and anuria: a case report.

Dual-dynamic-bond cross-linked injectable hydrogel of multifunction for intervertebral disc degeneration therapy.

A Combination Therapy Using Electrical Stimulation and Adaptive, Conductive Hydrogels Loaded with Self-Assembled Nanogels Incorporating Short Interfering RNA Promotes the Repair of Diabetic Chronic Wounds.

Comparative plasma metabolomic analysis to identify biomarkers for lead-induced cognitive impairment.

LC-MS metabolomics of urine reveals distinct profiles for non-muscle-invasive and muscle-invasive bladder cancer.

Physicochemical and microbiological stability of insulin eye drops in an artificial tear vehicle used in the treatment of refractory neurotrophic keratopathy.

Transcriptomics analysis of human iPSC-derived dopaminergic neurons reveals a novel model for sporadic Parkinson's disease.

Polyhalogenated carbazoles (PHCZs) induce cardiotoxicity and behavioral changes in zebrafish at early developmental stages.

Histopathological and immunohistochemical evaluation for detecting changes in blood hormone levels caused by endocrine disruptors in a 28-day repeated-dose study in rats.

Urinary organic acids spectra in children with altered gut microbiota composition and autistic spectrum disorder.

Damaged DNA Is an Early Event of Neurodegeneration in Induced Pluripotent Stem Cell-Derived Motoneurons with UBQLN2(P497H) Mutation.

Trace Element Interactions, Inflammatory Signaling, and Male Sex Implicated in Reduced Growth Following Excess Oral Iron Supplementation in Pre-Weanling Rats.

The Autism Spectrum Disorder-Associated Bacterial Metabolite p-Cresol Derails the Neuroimmune Response of Microglial Cells Partially via Reduction of ADAM17 and ADAM10.

Synbiotics, prebiotics and probiotics for solid organ transplant recipients.

Enzobiotics-A Novel Therapy for the Elimination of Uremic Toxins in Patients with CKD (EETOX Study): A Multicenter Double-Blind Randomized Controlled Trial.

Mechanism underlying the targeted regulation of the SOD1 3'UTR by the AUF1/Dicer1/miR-155/SOD1 pathway in sodium arsenite-induced liver injury.

Metabolomics for exposure assessment and toxicity effects of occupational pollutants: current status and future perspectives.

Legacy and new chlorinated persistent organic pollutants in the rivers of south India: Occurrences, sources, variations before and after the outbreak of the COVID-19 pandemic.

Correlation of inflammatory biomarkers with the diversity of Bacteroidaceae, Bifidobacteriaceae, Prevotellaceae and Lactobacillaceae families in the intestinal microbiota of patients with end stage renal disease.

Dioxin-elicited decrease in cobalamin redirects propionyl-CoA metabolism to the β^2 -oxidation-like pathway resulting in acrylyl-CoA conjugate buildup.

The SH-SY5Y human neuroblastoma cell line, a relevant in vitro cell model for investigating neurotoxicology in human: Focus on organic pollutants.

Arsenic induces bronchial epithelial carcinogenesis with mitochondrial dysfunction through AKAP95-mediated cell cycle alterations.

Urinary polycyclic aromatic hydrocarbon, arsenic, and metal exposure and correlation with emphysema in smokers.

Long-term effects of defoliant exposure on brain atrophy progression in humans.

Perinatal arsenic exposure-induced sustained microglial activation leads to impaired cognitive response in BALB/c mice.

Developmental, toxicological effects and recovery patterns in *Xenopus laevis* after exposure to penconazole-based fungicide during the metamorphosis process.

Lactoferrin for iron-deficiency anemia in children with inflammatory bowel disease: a clinical trial.

The effect of iron sulfate nanoparticles and their fortified bread on Wistar rats and human cell lines.

Sub-lethal concentration of metamifop exposure impair gut health of zebrafish (*Danio rerio*).

Transcriptome sequencing of 3,3',4,4',5-Pentachlorobiphenyl (PCB126)-treated human preadipocytes demonstrates progressive changes in pathways associated with inflammation and diabetes.

M1-linked ubiquitination facilitates NF- κ B activation and survival during sterile inflammation.

The Accumulation of Gut Microbiome-derived Indoxyl Sulfate and P-Cresyl Sulfate in Patients With End-stage Renal Disease.

Ameliorative role of inducible nitric oxide synthase inhibitors against sodium arsenite-induced renal and hepatic dysfunction in rats.

Assessment of the Proton Pump Inhibitor, Esomeprazole Magnesium Hydrate and Trihydrate, on Pathophysiological Markers of Preeclampsia in Preclinical Human Models of Disease.

Water-Tree Characteristics and Its Mechanical Mechanism of Crosslinked Polyethylene Grafted with Polar-Group Molecules.

Barbaloin attenuates pulmonary fibrosis through TGF- β 1/Smads/p38 pathway.

Damage of uremic myocardium by p-cresyl sulfate and the ameliorative effect of Klotho by regulating SIRT6 ubiquitination.

Autophagy Is Impaired in Fetal Hypoplastic Lungs and Rescued by Administration of Amniotic Fluid Stem Cell Extracellular Vesicles.

Recombinant FGF21 Attenuates Polychlorinated Biphenyl-Induced NAFLD/NASH by Modulating Hepatic Lipocalin-2 Expression.

Ginsenoside Rg1 protects mice against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced liver injury by inhibiting CYP1A1 through the aryl hydrocarbon receptor.

Fortification of foods with nano-iron: its uptake and potential toxicity: current evidence, controversies, and research gaps.

Hot Air Treatment Elicits Disease Resistance against *Colletotrichum gloeosporioides* and Improves the Quality of Papaya by Metabolomic Profiling.

Multiomics analysis of the impact of polychlorinated biphenyls on environmental liver disease in a mouse model.

Efficacy of cenobamate for uncontrolled focal seizures in patients with previous epilepsy-related surgery: Post hoc analysis of a phase 3, multicenter, open-label study.

Ingestion poisoning related lung injury- a pictorial review.

Effects of perinatal TCDD exposure on colonic microbiota and metabolism in offspring and mother mice.

Spatial-temporal distribution, cancer risk, and disease burden attributed to the dietary dioxins exposure of Chinese residents.

Association between environmental toxic metals, arsenic and polycyclic aromatic hydrocarbons and chronic obstructive pulmonary disease in the US adult population.

Suppressed farnesoid X receptor by iron overload in mice and humans potentiates iron-induced hepatotoxicity.

Nano-silica particles synergistically IgE-mediated mast cell activation exacerbating allergic inflammation in mice.

The Association between Blood Concentrations of PCDD/DFs, DL-PCBs and the Risk of Type 2 Diabetes Mellitus and Thyroid Cancer in South Korea.

Identification of the shared gene signatures and pathways between polycystic ovary syndrome and endometrial cancer: An omics data based combined approach.

Arsenic Speciation and Metallomics Profiling of Human Toenails as a Biomarker to Assess Prostate Cancer Cases: Atlantic PATH Cohort Study.

Characterization of Developmental Neurobehavioral Toxicity in a Zebrafish MPTP-Induced Model: A Novel Mechanism Involving Anemia.

MRI Spectrum of Toxic Encephalopathy-An Institutional Experience.

[The Role of Emergency Departments in Cross-Contamination: The Case of VRE].

Prenatal treprostinil reduces the pulmonary hypertension phenotype in the rat model of congenital diaphragmatic hernia.

Efficacy of cenobamate by focal seizure subtypes: Post-hoc analysis of a phase 3, multicenter, open-label study.

Flurochloridone induces responses of free radical reactions and energy metabolism disorders to BRL-3A cell.

Radiosynthesis and characterization of a carbon-11 PET tracer for receptor-interacting protein kinase 1.

Neonatal rodent ventilation and clinical correlation in congenital diaphragmatic hernia.

A novel surgical toxicological-free model of diaphragmatic hernia in fetal rats.

Xanthogranulomatous pyelonephritis in a pediatric patient.

Prognostic value of neutrophil to lymphocyte ratio in the diagnosis of neurotoxicity after glufosinate ammonium poisoning.

Quizalofop-P-ethyl induced developmental toxicity and cardiotoxicity in early life stage of zebrafish (Danio rerio).

HIF-1 α /VEGF pathway mediates 1,3,6,8-tetrabromo-9 β -H-carbazole-induced angiogenesis: a potential vascular toxicity of an emerging contaminant.

Quercetin Reduces the Development of 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Induced Cleft Palate in Mice by Suppressing CYP1A1 via the Aryl Hydrocarbon Receptor.

A Paternal Fish Oil Diet Preconception Modulates the Gut Microbiome and Attenuates Necrotizing Enterocolitis in Neonatal Mice.

Aryl Hydrocarbon Receptor Promotes Cell Growth, Stemness Like Characteristics, and Metastasis in Human Ovarian Cancer via Activation of PI3K/Akt, β -Catenin, and Epithelial to Mesenchymal Transition Pathways.

Thermogenic T cells: a cell therapy for obesity?

Integration of toxicodynamic and toxicokinetic new approach methods into a weight-of-evidence analysis for pesticide developmental neurotoxicity assessment: A case-study with DL- and L-glufosinate.

Occupational exposures to pesticides and other chemicals: a New Zealand motor neuron disease case-control study.

Pesticide use and risk of systemic autoimmune diseases in the Agricultural Health Study.

Eyelid malignancies in young individuals: clinical peculiarities.

Mild Mitochondrial Uncoupling Decreases Experimental Atherosclerosis, A Proof of Concept.

A combination of amino-functionalized fibrous silica (KCC-1-NH₂)/effectively and efficiently oxidized graphene oxide (EEGO) nanocomposite for dispersive solid-phase extraction, pre-concentration and fluorescence determination of total para-cresol in plasma samples of chronic kidney disease patients.

Supercomplex supercomplexes: Raison d'etre and functional significance of supramolecular organization in oxidative phosphorylation.

Feeding cats with chronic kidney disease food supplemented with betaine and prebiotics increases total body mass and reduces uremic toxins.

N⁶-Acetyl-L-Lysine and p-Cresol as Key Metabolites in the Pathogenesis of COVID-19 in Obese Patients.

Comparison of Ferric Sodium EDTA in Combination with Vitamin C, Folic Acid, Copper Gluconate, Zinc Gluconate, and Selenomethionine as Therapeutic Option for Chronic Kidney Disease Patients with Improvement in Inflammatory Status.

The Aryl Hydrocarbon Receptor Modulates T Follicular Helper Cell Responses to Influenza Virus Infection in Mice.

[Effect of panlong needling at Jiaji (EX-B 2) on motor dysfunction in patients with Parkinson's disease of liver and kidney deficiency: a randomized controlled trial].

Kunitz-Type Peptides from Sea Anemones Protect Neuronal Cells against Parkinson's Disease Inductors via Inhibition of ROS Production and ATP-Induced P2X7 Receptor Activation.

Gut-derived bacterial toxins impair memory CD4+ T cell mitochondrial function in HIV-1 infection.

Effects of hypericin encapsulated on Pluronic F127 photodynamic therapy against triple negative breast cancer.

The metabolite p-cresol impairs dendritic development, synaptogenesis, and synapse function in hippocampal neurons: Implications for autism spectrum disorder.

Yes-associated protein is dysregulated during nitrofen-induced hypoplastic lung development due to congenital diaphragmatic hernia.

Casein kinase I inhibitor D4476 influences autophagy and apoptosis in chloroquine-induced adult retinal pigment epithelial-19 cells.

Redox-dependent loss of flavin by mitochondria complex I is different in brain and heart.

Application of FeOOH Nano-Ellipsoids as a Novel Nano-Based Iron Supplement: an In Vivo Study.

Flumioxazin, a PPO inhibitor: A weight-of-evidence consideration of its mode of action as a developmental toxicant in the rat and its relevance to humans.

Clostridioides difficile Infection Dysregulates Brain Dopamine Metabolism.

OXPHOS deficiencies affect peroxisome proliferation by downregulating genes controlled by the SNF1 signaling pathway.

Bacterial neurotoxic metabolites in multiple sclerosis cerebrospinal fluid and plasma.

Rosmarinus officinalis L. Leaf Extracts and Their Metabolites Inhibit the Aryl Hydrocarbon Receptor (AhR) Activation In Vitro and in Human Keratinocytes: Potential Impact on Inflammatory Skin Diseases and Skin Cancer.

Phenoxyaromatic Acid Analogues as Novel Radiotherapy Sensitizers: Design, Synthesis and Biological Evaluation.

Severe cresol poisoning caused by massive dermal exposure.

Inhibition of neurite outgrowth and enhanced effects compared to baseline toxicity in SH-SY5Y cells.

A Phase 1 Clinical Study Evaluating the Effects of Cenobamate on the QT Interval.

TCDD aggravates the formation of the atherosclerotic plaque in ApoE KO mice with a sexual dimorphic pattern.

Lactic acid bacteria feeding reversed the malformed eye structures and ameliorated gut microbiota profiles of *Drosophila melanogaster* Alzheimer's disease model.

Arsenic alters nitric oxide signaling similar to autism spectrum disorder and Alzheimer's disease-associated mutations.

Environmental Substances Associated with Chronic Obstructive Pulmonary Disease-A Scoping Review.

Lentinan alleviates arsenic-induced hepatotoxicity in mice via downregulation of OX40/IL-17A and activation of Nrf2 signaling.

Flavoring agent dihydrocoumarin alleviates IgE-mediated mast cell activation and allergic inflammation.

Nontoxic Metal-Free Visible Light-Responsive Carbon Nitride Quantum Dots Cause Oxidative Stress and Cancer-Specific Membrane Damage.

Monomeric C-Reactive Protein: Current Perspectives for Utilization and Inclusion as a Prognostic Indicator and Therapeutic Target.

A Novel Ferritin-Core Analog Is a Safe and Effective Alternative to Oral Ferrous Iron for Treating Iron Deficiency during Pregnancy in Mice.

Application of neurotoxin- and pesticide-induced animal models of Parkinson's disease in the evaluation of new drug delivery systems.

Phage therapy for refractory periapical periodontitis caused by *Enterococcus faecalis* in vitro and in vivo.

Toenail speciation biomarkers in arsenic-related disease: a feasibility study for investigating the association between arsenic exposure and chronic disease.

Oxidative stress-induced alterations in retinal glucose metabolism in Retinitis Pigmentosa.

Developmental toxicity studies on triclopyr acid, triclopyr butoxyethyl ester and triclopyr triethylamine salt in the rabbit.

Iron contributes to photoreceptor degeneration and Müller glia proliferation in the zebrafish light-treated retina.

Applying reflective multicriteria decision analysis to understand the value of therapeutic alternatives in the management of gestational and peripartum anaemia in Spain.

Tryptophan Metabolites Regulate Neuropentraxin 1 Expression in Endothelial Cells.

Iron from nanostructured ferric phosphate: absorption and biodistribution in mice and bioavailability in iron deficient anemic women.

Natural Dietary Compound Xanthohumol Regulates the Gut Microbiota and Its Metabolic Profile in a Mouse Model of Alzheimer's Disease.

Integrated molecular biology and metabolomics approach to understand the mechanism underlying reduction of insulin resistance by corn silk decoction.

Bis-Amiridines as Acetylcholinesterase and Butyrylcholinesterase Inhibitors: N-Functionalization Determines the Multitarget Anti-Alzheimer's Activity Profile.

Inhibiting DHN- and DOPA-melanin biosynthesis pathway increased the therapeutic value of itraconazole in *Madurella mycetomatis* infected *Galleria mellonella*.

Cold Atmospheric Plasma Apoptotic and Oxidative Effects on MCF7 and HCC1806 Human Breast Cancer Cells.

Acute Dyspnea and Hemoptysis in an 84-Year-Old Man With Multiple Comorbidities.

Arsenic compounds induce apoptosis by activating the MAPK and caspase pathways in FaDu oral squamous carcinoma cells.

Supplementation with Sucrosomial[®] iron leads to favourable changes in the intestinal microbiome when compared to ferrous sulfate in mice.

Chemically induced models of Parkinson's disease.

Epidemiology of hospitalizations due to pesticide intoxication-associated acute kidney injury in China.

Oral iron supplementation in patients with chronic kidney disease: Can it be harmful to the gut microbiota?

PCB126 induced toxic actions on liver energy metabolism is mediated by AhR in rats.

Comparative Effects between Oral Lactoferrin and Ferrous Sulfate Supplementation on Iron-Deficiency Anemia: A Comprehensive Review and Meta-Analysis of Clinical Trials.

A randomized double-blind cross-over trial to study the effects of resistant starch prebiotic in chronic kidney disease (ReSPECKD).

Measurement of Urinary Triclocarban and 2,4-Dichlorophenol Concentration and Their Relationship with Obesity and Predictors of Cardiovascular Diseases among Children and Adolescents in Kerman, Iran.

Ni(2+) Catalyzed Cleavage of TrpLE-Fused Small Transmembrane Peptides.

Reduced Colonic Mucosal Injury in 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Poly ADP-Ribose Polymerase (TIPARP/PARP7)-Deficient Mice.

An evidence-based definition of anemia for singleton, uncomplicated pregnancies.

An Electrochemiluminescence Biosensor for the Detection of Alzheimer's Tau Protein Based on Gold Nanostar Decorated Carbon Nitride Nanosheets.

Evaluation of novel cathepsin-X inhibitors in vitro and in vivo and their ability to improve cathepsin-B-directed antitumor therapy.

Impact of Uremic Toxins on Endothelial Dysfunction in Chronic Kidney Disease: A Systematic Review.

Development and Characterization of Curcumin-Silver Nanoparticles as a Promising Formulation to Test on Human Pterygium-Derived Keratinocytes.

Evaluation of the prescription pattern of ferrous sulfate as a therapy for preventing iron deficiency anemia in infants.

Oxidative Stress and Toxicity in Reproductive Biology and Medicine: A Comprehensive Update on Male Infertility Volume II - Conclusion.

Quantification of Very-Long-Chain and Branched-Chain Fatty Acids in Plasma by Liquid Chromatography-Tandem Mass Spectrometry.

Potential therapies for sodium azide intoxication; a case report and review of the literature.

Minocycline improves the functional recovery after traumatic brain injury via inhibition of aquaporin-4.

Novel intestinal dialysis interventions and microbiome modulation to control uremia.

Long-term individual retention with cenobamate in adults with focal seizures: Pooled data from the clinical development program.

Gut mobilization improves behavioral symptoms and modulates urinary p-cresol in chronically constipated autistic children: A prospective study.

How to Optimize the Effectiveness and Safety of Parkinson's Disease Therapy? - A Systematic Review of Drugs Interactions with Food and Dietary Supplements.

Gut Microbiome-Dependent Metabolic Pathways and Risk of Lethal Prostate Cancer: Prospective Analysis of a PLCO Cancer Screening Trial Cohort.

Biotic Supplements in Patients With Chronic Kidney Disease: Meta-Analysis of Randomized Controlled Trials.

Associations between persistent organic pollutants and endometriosis: A multiblock approach integrating metabolic and cytokine profiling.

Metabolome-wide association study of serum exogenous chemical residues in a cohort with 5 major chronic diseases.

The potential of lactic acid bacteria in mediating the control of plant diseases and plant growth stimulation in crop production - A mini review.

Acrolein-inducing ferroptosis contributes to impaired peripheral neurogenesis in zebrafish.

Roundup in the Reproduction of Crucian Carp (*Carassius carassius*): An In Vitro Effect on the Pituitary Gland and Ovary.

Ecological risk assessment of pesticides in the Ngouoh Ngouoh watershed of the Foubot Municipality in the west region of Cameroon using the PRIMET model.

The calcium cyanamide and polyethylene blocks the secondary transmission and infection of vegetable leaf diseases.

Rare fatal poisoning through dermal exposure to paraquat.

Mitochondrial uncoupler DNP induces coexistence of dual-state hyper-energy metabolism leading to tumor growth advantage in human glioma xenografts.

Treatment with MDL 72527 Ameliorated Clinical Symptoms, Retinal Ganglion Cell Loss, Optic Nerve Inflammation, and Improved Visual Acuity in an Experimental Model of Multiple Sclerosis.

Fossil-fuel and combustion-related air pollution and hypertension in the Sister Study.

Carbonyl Profiles of Electronic Nicotine Delivery System (ENDS) Aerosols Reflect Both the Chemical Composition and the Numbers of E-Liquid Ingredients-Focus on the In Vitro Toxicity of Strawberry and Vanilla Flavors.

Insights into metabolic and pharmacological profiling of *Aspergillus ficuum* through bioinformatics and experimental techniques.

Quercetin Zinc and Iron Metal Complexes Protect against Sodium Arsenite Intoxication in the Hepato-Renal System of Wistar Rats via the Oxidative Stress Pathway.

Evaluation of Sulfur-Based Biostimulants for the Germination of *Sclerotium cepivorum* Sclerotia and Their Interaction with Soil.

Leukemic stem cells and advances in hematopoietic stem cell transplantation for acute myeloid leukemia: a narrative review of clinical trials.

Ethnicity Associated Microbial and Metabonomic Profiling in Newly Diagnosed Ulcerative Colitis.

Environmentally relevant atrazine exposure leads to increases in DNA damage and changes in morphology in the hepatopancreas of crayfish (*Faxonius virilis*).

E2F1 regulates miR-215-5p to aggravate paraquat-induced pulmonary fibrosis via repressing BMPR2 expression.

Can probiotic, prebiotic, and synbiotic supplementation modulate the gut-liver axis in type 2 diabetes? A narrative and systematic review of clinical trials.

DEAD box RNA helicases protect Antarctic *Pseudomonas syringae* Lz4W against oxidative stress.

Determination of the relative potencies of brominated dioxins for risk assessment in aquatic environments using the early-life stage of Japanese medaka.

The environmental pollutant 3-methyl-4-nitrophenol reduces the regulatory T cells in the intestine.

Responses of bitter melon saponins to oxidative stress and aging via the IIS pathway linked with sir-2.1 and hih-30.

Estimated daily intake of phthalates, parabens, and bisphenol A in hospitalised very low birth weight infants.

Exposure to pyrazosulfuron-ethyl induces immunotoxicity and behavioral abnormalities in zebrafish embryos.

Toxic effects of pesticides on cellular and humoral immunity: an overview.

Proper modulation of AHR signaling is necessary for establishing neural connectivity and oligodendrocyte precursor cell development in the embryonic zebrafish brain.

Extracellular matrix and cyclic stretch alter fetal cardiomyocyte proliferation and maturation in a rodent model of heart hypoplasia.

Shoot organogenesis and somatic embryogenesis from leaf and petiole explants of endangered *Euryodendron excelsum*.

Comparison of the effect of ferrous sulfate and ferrous gluconate on prophylaxis of iron deficiency in toddlers 6-24 months old: A randomized clinical trial.

Toxic tests show the sensitivity of the *Daphnia similis* (Crustacea, Cladocera) and *Pseudokirchneriella subcapitata* (Chlorophyceae) to commercial pesticides.

Acetobacter tropicalis bacteraemia in an immunocompromised patient: case report.

Post-Translational Modifications Evoked by Reactive Carbonyl Species in Ultraviolet-A-Exposed Skin: Implication in Fibroblast Senescence and Skin Photoaging.

The modulation of gut microbiota by herbal medicine to alleviate diabetic kidney disease - A review.

Glycine Alleviated Intestinal Injury by Inhibiting Ferroptosis in Piglets Challenged with Diquat.

Comparative Biochemical Profiling of Aluminum Chloride and Sodium Azide Induced Neuroinflammation and Cardiometabolic Disturbance.

Epigallocatechin-3-Gallate Decreases Plasma and Urinary Levels of p-Cresol by Modulating Gut Microbiota in Mice.

Endocrine disruptor chemicals as obesogen and diabetogen: Clinical and mechanistic evidence.

Effect of water diuresis with hydrogen saturation on the course of acute kidney damage during the separation of oxidation and phosphorylation.

Diffusion-Weighted Imaging for Detecting Glufosinate Ammonium Intoxication: A Case Report.

Aclonifen could induce implantation failure during early embryonic development through apoptosis of porcine trophoderm and uterine luminal epithelial cells.

Reduced acute functional tolerance and enhanced preference for ethanol in *Caenorhabditis elegans* exposed to lead during development: Potential role of alcohol dehydrogenase.

The desmoplastic growth pattern is associated with second-stage completion and longer survival in 2-stage hepatectomy for colorectal cancer liver metastases.

Integrated biomarker approach strongly explaining in vivo sub-lethal acute toxicity of butachlor on *Labeo rohita*.

Ethoxyquin is a Competent Radical-Trapping Antioxidant for Preventing Ferroptosis in Doxorubicin Cardiotoxicity.

Sodium acetate/sodium butyrate alleviates lipopolysaccharide-induced diarrhea in mice via regulating the gut microbiota, inflammatory cytokines, antioxidant levels, and NLRP3/Caspase-1 signaling.

Targeted medical examinations for workers exposed to fumigants.

AhR Mediated Activation of Pro-Inflammatory Response of RAW 264.7 Cells Modulate the Epithelial-Mesenchymal Transition.

Plastid methylerythritol phosphate pathway participates in the hypersensitive response-related cell death in *Nicotiana benthamiana*.

Low-Dose Dioxin Reduced Glucose Uptake in C2C12 Myocytes: The Role of Mitochondrial Oxidative Stress and Insulin-Dependent Calcium Mobilization.

Metabolite Profiling of Paraquat Tolerant *Arabidopsis thaliana* Radical-induced Cell Death1 (rcd1)-A Mediator of Antioxidant Defence Mechanisms.

The Role of Acrolein in Neurodegenerative Diseases and Its Protective Strategy.

Oxaloacetate acid ameliorates paraquat-induced acute lung injury by alleviating oxidative stress and mitochondrial dysfunction.

Elevated congenital heart disease birth prevalence rates found in Central Vietnam and dioxin TCDD residuals from the use of 2, 4, 5-T herbicides (Agent Orange) in the Da Nang region.

Metabolic reprogramming enables the auxiliary diagnosis of breast cancer by automated breast volume scanner.

C-X-C-Chemokine-Receptor-Type-4 Inhibitor AMD3100 Attenuates Pulmonary Inflammation and Fibrosis in Silicotic Mice.

Ryanodine receptor-active non-dioxin-like polychlorinated biphenyls cause neurobehavioral deficits in larval zebrafish.

The Fallout of Catastrophic Technogenic Emissions of Toxic Gases Can Negatively Affect Covid-19 Clinical Course.

Changing spectrum of acute poisoning in North India: A hospital-based descriptive study.

Protective efficacy of *Coriandrum sativum* seeds against arsenic induced toxicity in Swiss albino mice.

Idiopathic unilateral third nerve palsy with pupillary sparing in 10-year-old child -a case report.

Lethal diquat poisoning manifests as acute central nervous system injury and circulatory failure: A retrospective cohort study of 50 cases.

Pendimethalin induces apoptotic cell death through activating ER stress-mediated mitochondrial dysfunction in human umbilical vein endothelial cells.

The involvement of branched-chain amino acids (BCAAs) in aromatic trihalogenated DBP exposure-induced kidney damage in mice.

Bergenin ameliorates cognitive deficits and neuropathological alterations in sodium azide-induced experimental dementia.

Somatic embryogenesis and plant regeneration from transverse thin cell layers of adult peach palm (*Bactris gasipaes*) lateral offshoots.

Intoxication-Related Deaths in a Poisoning Center in Isfahan: Demographic and Other-Related Factors.

The efficacy of hemodialysis on paraquat poisoning mortality: A systematic review and meta-analysis.

Approaches for the establishment of optimized co-culture system of multiple *Trichoderma* strains for culture metabolites highly effective in cucumber growth promotion.

Altered gut microbiota and gut-derived p-cresyl sulfate serum levels in peritoneal dialysis patients.

Interference of Dihydrocoumarin with Hormone Transduction and Phenylpropanoid Biosynthesis Inhibits Barnyardgrass (*Echinochloa crus-galli*) Root Growth.

Regulation of gut microbiota of *Astragali Radix* in treating for chronic atrophic gastritis rats based on metabolomics coupled with 16S rRNA gene sequencing.

Differential Effects of Arsenic in Drinking Water on Mouse Hepatic and Intestinal Heme Oxygenase-1 Expression.

Machine Learning Models for Identification and Prediction of Toxic Organic Compounds Using *Daphnia magna* Transcriptomic Profiles.

Cobinamide is a strong and versatile antioxidant that overcomes oxidative stress in cells, flies, and diabetic mice.

Neuroprotective effects of crocin and crocin-loaded niosomes against the paraquat-induced oxidative brain damage in rats.

Periplaneta americana Extract Pretreatment Alleviates Oxidative Stress and Inflammation and Increases the Abundance of Gut *Akkermansia muciniphila* in Diquat-Induced Mice.

In Vitro Induction of Eryptosis by Uremic Toxins and Inflammation Mediators in Healthy Red Blood Cells.

loxylinil and diethylstilbestrol increase the risks of cardiovascular and thyroid dysfunction in zebrafish.

Protection against Paraquat-Induced Oxidative Stress by *Curcuma longa* Extract-Loaded Polymeric Nanoparticles in Zebrafish Embryos.

Food-derived bioactive oligopeptide iron complexes ameliorate iron deficiency anemia and offspring development in pregnant rats.

Altered levels of variant cholinesterase transcripts contribute to the imbalanced cholinergic signaling in Alzheimer's and Parkinson's disease.

Evaluation of the toxicological effects of atrazine-metolachlor in male rats: in vivo and in silico studies.

Single-cell analysis of gene expression in the substantia nigra pars compacta of a pesticide-induced mouse model of Parkinson's disease.

Down-regulation of hepatic cytochromes P450 1A1 and 1A2 by arsenic trioxide (ATO) in vivo and in vitro: A role of heme oxygenase 1.

Vitamin C supplementation rescued meiotic arrest of spermatocytes in Balb/c mice exposed to BDE-209.

Borax relieved the acrylamide-induced hematotoxic, hepatotoxic, immunotoxic and genotoxic damages in rainbow trout by regulating apoptosis and Nrf2 signaling pathway.

Bisphenol A and 2,3,7,8-tetrachlorodibenzo-p-dioxin at non-cytotoxic doses alter the differentiation potential and cell function of rat adipose-stem cells.

The toxicological profile of polychlorinated naphthalenes (PCNs).

Removal of micropollutants by UASB reactor and post-treatment by Fenton and photo-Fenton: Matrix effect and toxicity responses.

Iron nanoparticles as a promising compound for food fortification in iron deficiency anemia: a review.

Morphology and cytochemical patterns of peripheral blood cells of tiger frog (*Rana rugulosa*).

Small molecule-mediated allosteric activation of the base excision repair enzyme 8-oxoguanine DNA glycosylase and its impact on mitochondrial function.

Sn(1/3)Na(2/3)Sn(OH)(6) Perovskite with Sn(4+)/Na(+) Disorder for Photocatalytic Degradation of 2,4-Dichlorophenol.

Ammonium tetrathiomolybdate triggers autophagy-dependent NRF2 activation in vascular endothelial cells.

Chronic atrazine exposure increases the expression of genes associated with GABAergic and glutamatergic systems in the brain of male albino rat.

The Significance of Estimated Glomerular Filtration Rate for Predicting Mortality in Glyphosate Herbicide-Intoxicated Patients: A Single-Center, Retrospective Observational Study.

Automating Predictive Toxicology Using ComptoxAI.

Selected Political Criminal Poisonings in the Years 1978-2020: Detection and Treatment.

Adult health and transition stage-specific rotenone-mediated *Drosophila* model of Parkinson's disease: Impact on late-onset neurodegenerative disease models.

Mild pentachlorophenol-mediated uncoupling of mitochondria depletes ATP but does not cause an oxidized redox state or dopaminergic neurodegeneration in *Caenorhabditis elegans*.

Beneficial effect on the soil microenvironment of *Trichoderma* applied after fumigation for cucumber production.

Agent Orange Exposure, Transformation From MGUS to Multiple Myeloma, and Outcomes in Veterans.

Arsenic exposure diminishes ovarian follicular reserve and induces abnormal steroidogenesis by DNA methylation.

Oral administration of pentachlorophenol impairs antioxidant system, inhibits enzymes of brush border membrane, causes DNA damage and histological changes in rat intestine.

Supporting discovery and development of medical countermeasures for chemical injury to eye and skin.

Multiresidue analysis and probabilistic dietary risk assessment of 241 pesticides in wheatgrass (*Triticum* sp.) using LC-MS/MS in combination with QuEChERS extraction.

Defensing against oxidative stress in *Caenorhabditis elegans* of a polysaccharide LFP-05S from *Lycii fructus*.

Tetrachlorobisphenol A mediates reproductive toxicity in *Caenorhabditis elegans* via DNA damage-induced apoptosis.

Effects of three surfactants on the degradation and environmental risk of metolachlor in aquatic environment.

Beta-glucan effects on 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity in liver and brain.

Efficacy of Oral Versus Injectable Iron in Patients With Chronic Kidney Disease: A Two-Year Cross-Sectional Study Conducted at a Rural Teaching Hospital.

Boron Compounds Exhibit Protective Effects against Aluminum-Induced Neurotoxicity and Genotoxicity: In Vitro and In Vivo Study.

Two Foreign Antimicrobial Peptides Expressed in the Chloroplast of *Porphyridium purpureum* Possessed Antibacterial Properties.

Importance of Locations of Iron Ions to Elicit Cytotoxicity Induced by a Fenton-Type Reaction.

Diquat Herbicide Organophosphate Poisoning and Multi-Organ Failure: A Case Report.

An Investigation of the Neurotoxic Effects of Malathion, Chlorpyrifos, and Paraquat to Different Brain Regions.

Genetic background modulates the sensitivity of *Caenorhabditis elegans* to the toxic effects of vehicular air pollution.

Atrazine Exposure Induces Hepatic Metabolism Disorder in Male Adult Zebrafish.

The Effects of Resistant Starch Consumption in Adult Patients With Chronic Kidney Disease: A Systematic Review.

AQP9 (Aquaporin 9) Determines Arsenic Uptake and Tolerance in Human Hepatocellular Carcinoma Cells In Vitro.

Effects of Different Environment-Friendly Gibberellic Acid Microcapsules on Herbicide Injury of Wheat.

In Silico Conformation of the Drug Colchicine into Tubulin Models and Acute Phytotoxic Activity on *Cucumis sativus* Radicles.

Paraquat induced oxidative stress, DNA damage, and cytotoxicity in lymphocytes.

Integrated Multilayer Omics Reveals the Genomic, Proteomic, and Metabolic Influences of Histidyl Dipeptides on the Heart.

Porcine Epidemic Diarrhea Virus Infection Subverts Arsenite-Induced Stress Granules Formation.

Cytomegalovirus-related Cystitis in a Patient with Membranous Glomerulonephritis Receiving Cyclophosphamide: A Case Study.

Modeling Risk Dynamics of Contaminants of Emerging Concern in a Temperate-region Wastewater Effluent-dominated Stream.

Insight into 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced disruption of zebrafish spermatogenesis via single cell RNA-seq.

[Determination of dazomet and its metabolite methyl isothiocyanate residues in plant-derived foods by gas chromatography-triple quadrupole mass spectrometry].

Hepatic Burdens of PCB and PCDD/F Congeners in Federally Endangered Shortnose Sturgeon and Atlantic Sturgeon from the Hudson River, New York, USA: Burden Patterns and Potential Consequences in Offspring.

Effects of dietary 2-(2H-benzotriazol-2-yl)-4-methylphenol (UV-P) exposure on Japanese medaka (*Oryzias latipes*) in a short-term reproduction assay.

Borax exerts protective effect against ferrocene-induced neurotoxicity in *Oncorhynchus mykiss*.

Comparison of "click-to-sense" assay with frozen section analysis using simulated surgical margins in breast cancer patients.

Fungal insecticidal activity elevated by non-risky markerless overexpression of an endogenous cysteine-free protein gene in *Beauveria bassiana*.

[2]Rotaxane as a switch for molecular electronic memory application: A molecular dynamics study.

Optimisation of an automated high-throughput micronucleus (HiTMiN) assay to measure genotoxicity of environmental contaminants.

Critical role of mitochondrial aldehyde dehydrogenase 2 in acrolein sequestering in rat spinal cord injury.

Chronic Effects of Dietary Pesticides on the Gut Microbiome and Neurodevelopment.

In vivo toxicity evaluations of halophenolic disinfection byproducts in drinking water: A multi-omics analysis of toxic mechanisms.

A New Treatment Approach for Acute Propanil Poisoning: A Case Report.

Melatonin Prevents NaAsO₂-Induced Developmental Cardiotoxicity in Zebrafish through Regulating Oxidative Stress and Apoptosis.

Effects of Autophagy Modulators and Dioxin on the Expression of Epidermal Differentiation Proteins on Psoriasis-Like Keratinocytes in vitro and ex vivo.

Dietary supplementation with biogenic selenium nanoparticles alleviate oxidative stress-induced intestinal barrier dysfunction.

Ecological Integrity Impairment and Habitat Fragmentation for Neotropical Macroinvertebrate Communities in an Agricultural Stream.

Chronic Toxicity of Primary Metabolites of Chloroacetamide and Glyphosate to Early Life Stages of Marbled Crayfish *Procambarus virginalis*.

Effects of the Herbicide Atrazine on Crustacean Reproduction. Mini-Review.

Presenilin Deficiency Increases Susceptibility to Oxidative Damage in Fibroblasts.

Exposure to the Dioxin-like Pollutant PCB 126 Afflicts Coronary Endothelial Cells via Increasing 4-Hydroxy-2 Nonenal: A Role for Aldehyde Dehydrogenase 2.

Dietary High Dose of Iron Aggravates the Intestinal Injury but Promotes Intestinal Regeneration by Regulating Intestinal Stem Cells Activity in Adult Mice With Dextran Sodium Sulfate-Induced Colitis.

Associations of Smokeless Tobacco Use With Cardiovascular Disease Risk: Insights From the Population Assessment of Tobacco and Health Study.

Oxidative Stress Protection by Canary Seed (*Phalaris canariensis* L.) Peptides in Caco-2 Cells and *Caenorhabditis elegans*.

Histopathological Alterations in the Livers of Chronic Hepatitis Patients Exposed to Agent Orange/Dioxin in Vietnam.

Detection of pesticide residues and risk assessment from the local fruits and vegetables in Incheon, Korea.

Impact of a 7-day homogeneous diet on interpersonal variation in human gut microbiomes and metabolomes.

Interference of Arabidopsis N-Acetylglucosamine-1-P Uridyltransferase Expression Impairs Protein N-Glycosylation and Induces ABA-Mediated Salt Sensitivity During Seed Germination and Early Seedling Development.

Trouble for Horses in Paradise: Toxicity and Fatality Resulting from the Consumption of *Indigofera spicata* (Fabaceae) on Oahu Island.

Organic and Conventional Bean Pesticides in Development of Autochthonous *Trichoderma* Strains.

Magnetic Resonance Imaging of Tumor-Infiltrating Lymphocytes by Anti-CD3-Conjugated Iron Oxide Nanoparticles.

Effect of cyanocobalamin (vitamin B12) on paraquat-induced brain injury in mice.

Genotoxic, biochemical and histological biomarkers of subacute concentrations of paraquat and glyphosate in Nile Tilapia.

Red propolis reduces inflammation in cyclophosphamide-induced hemorrhagic cystitis in rats.

Alachlor breaks down intracellular calcium homeostasis and leads to cell cycle arrest through JNK/MAPK and PI3K/AKT signaling mechanisms in bovine mammary gland epithelial cells.

Mitochondrial uncouplers induce proton leak by activating AAC and UCP1.

Spatial distribution, ecological and health risk assessment of organophosphorus pesticides identified in the water of Naseri artificial wetland, Iran.

Effects of 1,3,7-tribromodibenzo-p-dioxin, a natural dioxin on chicken embryos: Comparison with effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

A glyphosate-based herbicide disrupted hematopoiesis and induced organ toxicities, ameliorated by vitamin B(12) in a mouse model.

Characteristics, influence factors, and health risk assessment of volatile organic compounds through one year of high-resolution measurement at a refinery.

Metabolomics and lipidomics to identify biomarkers of effect related to exposure to non-dioxin-like polychlorinated biphenyls in pigs.

Temporal variation of imidacloprid concentration and risk in waterways discharging to the Great Barrier Reef and potential causes.

Glycine alleviated diquat-induced hepatic injury via inhibiting ferroptosis in weaned piglets.

Transgenerational male reproductive effect of prenatal arsenic exposure: abnormal spermatogenesis with Igf2/H19 epigenetic alteration in CD1 mouse.

Antimicrobial Mechanism and Secondary Metabolite Profiles of Biocontrol Agent *Streptomyces lydicus* M01 Based on Ultra-High-Performance Liquid Chromatography Connected to a Quadrupole Time-of-Flight Mass Spectrometer Analysis and Genome Sequencing.

The Anti-CGRP Antibody Fremanezumab Lowers CGRP Release from Rat Dura Mater and Meningeal Blood Flow.

Risk factors and optimal predictive scoring system of mortality for children with acute paraquat poisoning.

Investigating the Role of Spermidine in a Model System of Alzheimer's Disease Using Correlative Microscopy and Super-resolution Techniques.

Mitochondrial Inhibition by Sodium Azide Induces Assembly of eIF2 γ Phosphorylation-Independent Stress Granules in Mammalian Cells.

N-Acetylcysteine Priming Alleviates the Transplanting Injury of Machine-Transplanted Rice by Comprehensively Promoting Antioxidant and Photosynthetic Systems.

Metformin Regulates Alveolar Macrophage Polarization to Protect Against Acute Lung Injury in Rats Caused by Paraquat Poisoning.

Polyphenols Sourced from *Ilex latifolia* Thunb. Relieve Intestinal Injury via Modulating Ferroptosis in Weanling Piglets under Oxidative Stress.

Toxic Exposure to Endocrine Disruptors Worsens Parkinson's Disease Progression through NRF2/HO-1 Alteration.

Clinical characteristics, treatment and outcomes of acute propanil poisoning in a 7-year retrospective cohort study.

Daily versus every other day oral iron supplementation in patients with iron deficiency anemia (DEODO): study protocol for a phase 3 multicentered, pragmatic, open-label, pilot randomized controlled trial.

Novel Imidazole Phenoxyacetic Acids as Inhibitors of USP30 for Neuroprotection Implication via the Ubiquitin-Rho-110 Fluorometric Assay: Design, Synthesis, and In Silico and Biochemical Assays.

Response of faba bean to intercropping, biological and chemical control against broomrape and root rot diseases.

Tea polyphenols alleviates acetochlor-induced apoptosis and necroptosis via ROS/MAPK/NF- κ B signaling in Ctenopharyngodon idellus kidney cells.

Dioxin-like polychlorinated biphenyl 126 (PCB126) disrupts gut microbiota-host metabolic dysfunction in mice via aryl hydrocarbon receptor activation.

Associations of total urinary arsenic with total cholesterol and high-density lipoprotein among 12-17-year-old participants from the 2009-2016 NHANES cycles: A cross-sectional study.

Evaluation of the Acute Effects of Arsenic on Adults of the Neotropical Native Fish *Cnesterodon decemmaculatus* Using a Set of Biomarkers.

International trends in systemic human exposures to 2,4 dinitrophenol reported to poisons centres.

Anxiety and Gene Expression Enhancement in Mice Exposed to Glyphosate-Based Herbicide.

Effects of Different Formulations of Glyphosate on Rumen Microbial Metabolism and Bacterial Community Composition in the Rumen Simulation Technique System.

Preclinical In Vitro Model to Assess the Changes in Permeability and Cytotoxicity of Polarized Intestinal Epithelial Cells during Exposure Mimicking Oral or Intravenous Routes: An Example of Arsenite Exposure.

Role of Programmed Cell Death Protein-1 and Lymphocyte Specific Protein Tyrosine Kinase in the Aryl Hydrocarbon Receptor-Mediated Impairment of the IgM Response in Human CD5(+) Innate-Like B Cells.

Multiple Methods Synergistically Promote the Synchronization of Somatic Embryogenesis Through Suspension Culture in the New Hybrid Between *Pinus elliottii* and *Pinus caribaea*.

Perinatal Dioxin Exposure and Attention Deficit Hyperactivity Disorder (ADHD) Symptoms in Children Living in a Dioxin Contamination Hotspot in Vietnam.

Pesticide Exposure and Risk of Rheumatoid Arthritis: A Systematic Review and Meta-Analysis.

Cytotoxic effects of Roundup Classic and its components on NE-4C and MC3T3-E1 cell lines determined by biochemical and flow cytometric assays.

[A case of occupational allyl alcohol inhalation poisoning].

Effects of Montelukast on Arsenic-Induced Epithelial-Mesenchymal Transition and the Role of Reactive Oxygen Species Production in Human Bronchial Epithelial Cells.

Suicide and Suicide Attempts Among Patients Attending Primary Health Care Facilities in Uganda: A Medical Records Review.

Environmental induced transgenerational inheritance impacts systems epigenetics in disease etiology.

Residential proximity to crops and agricultural pesticide use and cause-specific mortality: A prospective census-based cohort study in the Netherlands.

The bZIP Ap1 transcription factor is a negative regulator of virulence attributes of the anthropophilic dermatophyte *Trichophyton rubrum*.

Citrullus colocynthis Seed Ameliorates Layer Performance and Immune Response under Acute Oxidative Stress Induced by Paraquat Injection.

A retrospective analysis of honey bee (*Apis mellifera*) pesticide toxicity data.

Atrazine and Diuron Effects on Survival, Embryo Development, and Behavior in Larvae and Adult Zebrafish.

Agent Orange Reviewed: Potential Role in Peripheral Neuropathy and Neurodegeneration.

Paraquat Induces Lung Injury via miR-199-Mediated SET in a Mouse Model.

Thunbergia laurifolia aqueous leaf extract ameliorates paraquat-induced kidney injury by regulating NADPH oxidase in rats.

Kidney and lung injury in rats following acute diquat exposure.

JAK2/STAT3 pathway regulates microglia polarization involved in hippocampal inflammatory damage due to acute paraquat exposure.

Somatic embryogenesis from flower tepals of *Hippeastrum* aiming regeneration of virus-free plants.

Diquat Poisoning: Care Management and Medico-Legal Implications.

Sodium arsenite accelerates D-galactose-induced aging in the testis of the rat: Evidence for mitochondrial oxidative damage, NF- κ B, JNK, and apoptosis pathways.

Efficacy and economics evaluation of seed rhizome treatment combined with preplant soil fumigation on ginger soilborne disease, plant growth, and yield promotion.

Insight in Hypoxia-Mimetic Agents as Potential Tools for Mesenchymal Stem Cell Priming in Regenerative Medicine.

Antifungal Volatile Organic Compounds from *Streptomyces setonii* WY228 Control Black Spot Disease of Sweet Potato.

Effects of sequential blood purification on the organ function and lethality in patients with paraquat-induced multiple organ dysfunction syndrome.

A Critical Review of Zebrafish Models of Parkinson's Disease.

NMR Spectroscopy Identifies Chemicals in Cigarette Smoke Condensate That Impair Skeletal Muscle Mitochondrial Function.

Low-toxic herbicides Roundup and Atrazine disturb free radical processes in Daphnia in environmentally relevant concentrations.

Paraquat modulates immunological function in bone marrow-derived macrophages.

Is the Use of Glyphosate in Modern Agriculture Resulting in Increased Neuropsychiatric Conditions Through Modulation of the Gut-brain-microbiome Axis?

Disulfiram Produces Potent Anxiolytic-Like Effects Without Benzodiazepine Anxiolytics-Related Adverse Effects in Mice.

Genome-wide alteration of histone methylation profiles associated with cognitive changes in response to developmental arsenic exposure in mice.

More than Meets the Eye: The Aryl Hydrocarbon Receptor is an Environmental Sensor, Physiological Regulator and a Therapeutic Target in Ocular Disease.

Metabolic profiling of serum and urine in lactating dairy cows affected by subclinical ketosis using proton nuclear magnetic resonance spectroscopy.

Lead acetate versus cadmium sulfate in the modulation of main physiological pathways controlling detrusor muscle contractility in rat.

Significant Correlations between p-Cresol Sulfate and Mycophenolic Acid Plasma Concentrations in Adult Kidney Transplant Recipients.

Gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin primes cortical microglia to tissue injury.

Distinguish oral-source VOCs and control their potential impact on breath biomarkers.

Concentrations and Toxic Implications of Dioxin-Like Polychlorinated Biphenyls in Soil Samples from Electrical Power Stations in Lagos, Nigeria.

Exploring breath biomarkers in BLM-induced pulmonary fibrosis mice with associative ionization time-of-flight mass spectrometry.

Method development, validation, monitoring, seasonal effect and risk assessment of multiclass multi pesticide residues in surface and ground water of new alluvial zone in eastern India.

Effects of the L-tyrosine-derived bacterial metabolite p-cresol on colonic and peripheral cells.

Plant-Derived Molecule 4-Methylumbelliferone Suppresses Fc ϵ RI-Mediated Mast Cell Activation and Allergic Inflammation.

The Toxic Influence of Excess Free Iron on Red Blood Cells in the Biophysical Experiment: An In Vitro Study.

Role of ACSL4 in the chemical-induced cell death in human proximal tubule epithelial HK-2 cells.

Glyphosate induces immune dysregulation in honey bees.

Î±-Tocopherol Prevents Sperm Apoptosis and Necrosis in Rats Exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Assessment of Selected Morphological, Physical and Chemical Parameters of the Teeth of the Offspring of Female Rats Exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD), Taking into Account the Protective Role of Selected Antioxidants-Preliminary Study.

Pharmacological Inhibition of Spermine Oxidase Suppresses Excitotoxicity Induced Neuroinflammation in Mouse Retina.

Inhibitory effect of individual and mixtures of nitrophenols on anaerobic toxicity assay of anaerobic systems: Metabolism and evaluation modeling.

Diet and food type affect urinary pesticide residue excretion profiles in healthy individuals: results of a randomized controlled dietary intervention trial.

Effect of prooxidants and chelator Desferal on the oxidative status and sperm motility of Muscovy semen.

Extranodal Diffuse Large B-Cell Lymphoma of Bone and Soft Tissue Presenting With Marked Lymphedema and Hypercalcemia.

Uncommon manifestation of poisoning with a mixture of pesticides.

Aclonifen induces bovine mammary gland epithelial cell death by disrupting calcium homeostasis and inducing ROS production.

Correlations of gestational hemoglobin level, placental trace elements content, and reproductive performances in pregnant sows.

Altered transsulfuration pathway enzymes and redox homeostasis in inherited retinal degenerative diseases.

SOD1 mutations cause hypersensitivity to high-pressure-induced oxidative stress in *Saccharomyces cerevisiae*.

Health risks of sulfentrazone exposure during zebrafish embryo-larvae development at environmental concentration.

Identifying potential thyroid hormone disrupting effects among diphenyl ether structure pesticides and their metabolites in silico.

Agricultural contaminants in amphibian breeding ponds: Occurrence, risk and correlation with agricultural land use.

Liver-specific decrease in Tff3 gene expression in infant mice perinatally exposed to 2,3,7,8-tetrabromodibenzofuran or 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Probiotic Bacillus Alleviates Oxidative Stress-Induced Liver Injury by Modulating Gut-Liver Axis in a Rat Model.

6-Formylindolo[3,2-b]carbazole, a Potent Ligand for the Aryl Hydrocarbon Receptor Produced Both Endogenously and by Microorganisms, can Either Promote or Restrain Inflammatory Responses.

Why Do High-Risk Patients Develop or Not Develop Coronary Artery Disease? Metabolic Insights from the CAPIRE Study.

Ellagic Acid Alleviates Oxidative Stress by Mediating Nrf2 Signaling Pathways and Protects against Paraquat-Induced Intestinal Injury in Piglets.

Rare co-inherited alpha-thalassemia minor and beta-thalassemia minor with heterozygous H63D mutation mistaken as iron deficiency anemia: a case report.

Calycosin Alleviates Paraquat-Induced Neurodegeneration by Improving Mitochondrial Functions and Regulating Autophagy in a Drosophila Model of Parkinson's Disease.

Alkaline Diuresis as Treatment for 2,4-D Dimethylamine Herbicide Intoxication.

Retraction Note: Carvacrol and PPAR β agonist, pioglitazone, affects inhaled paraquat-induced lung injury in rats.

Glyphosate vs. Glyphosate-Based Herbicides Exposure: A Review on Their Toxicity.

Oxyfluorfen induces hepatotoxicity through lipo-sugar accumulation and inflammation in zebrafish (*Danio rerio*).

Simazine perturbs the maturational competency of mouse oocyte through inducing oxidative stress and DNA damage.

Two genomic regions of a sodium azide induced rice mutant confer broad-spectrum and durable resistance to blast disease.

TCDD Inhibition of IgG1 Production in Experimental Autoimmune Encephalomyelitis (EAE) and In Vitro.

Arctigenin attenuates paraquat-induced human lung epithelial A549 cell injury by suppressing ROS/p38 mitogen-activated protein kinases-mediated apoptosis.

Serial blood concentration of polyethoxylated tallow amine and clinical presentations in acute herbicide poisoning.

Gut neurotoxin p-cresol induces brain-derived neurotrophic factor secretion and increases the expression of neurofilament subunits in PC-12 cells.

Paraquat poisoning with spontaneous pneumothorax in the era of online shopping.

Temporal Modulation of Differential Alternative Splicing in HaCaT Human Keratinocyte Cell Line Chronically Exposed to Arsenic for up to 28 Wk.

A direct and simple immobilization route for immunosensors by CNBr activation for covalent attachment of anti-leptin: obesity diagnosis point of view.

Isatis phytoegenic relieved atrazine induced growth retardation, hepato-renal dysfunction, and oxidative stress in Nile tilapia.

Cytoprotective effect of taurine against sodium chlorate-induced oxidative damage in human red blood cells: an ex vivo study.

5-Aminosalicylic Acid, A Weak Agonist for Aryl Hydrocarbon Receptor That Induces Splenic Regulatory T Cells.

Identification of known and novel nonpolar endocrine disruptors in human amniotic fluid.

Effects of glufosinate-ammonium on male reproductive health: Focus on epigenome and transcriptome in mouse sperm.

Sprays and diffusers as indoor air fresheners: Exposure and health risk assessment based on measurements under realistic indoor conditions.

Exposome of attention deficit hyperactivity disorder in Taiwanese children: exploring risks of endocrine-disrupting chemicals.

Soybean isoflavones protect SH-SY5Y neurons from atrazine-induced toxicity by activating mitophagy through stimulation of the BEX2/BNIP3/NIX pathway.

Generational effects of a chronic exposure to a low environmentally relevant concentration of glyphosate on rainbow trout, *Oncorhynchus mykiss*.

Naringenin alleviates paraquat-induced dopaminergic neuronal loss in SH-SY5Y cells and a rat model of Parkinson's disease.

Alterations in small RNA profiles in liver following a subchronic exposure to a low-dose pesticide mixture in Sprague-Dawley rats.

Salicylic Acid Acts Antagonistically to Plastid Retrograde Signaling by Promoting the Accumulation of Photosynthesis-associated Proteins in Arabidopsis.

Repeated Low-Dose Acrolein Triggers Irreversible Lamina Propria Edema in Urinary Bladder, Transient Voiding Behavior and Widening of Eyes to Mechanical Stimuli.

Chaperon-mediated autophagy can regulate diquat-induced apoptosis by inhibiting α -synuclein accumulation cooperatively with macroautophagy.

Toxicity effect of Diuron on gill tissue structure and the tissue residue of blood cockles (*Tegillarca granosa*).

Lung inflammation from repeated exposure to LPS and glyphosate.

Application of the health risk assessment of acetochlor in the development of water quality criteria.

LncRNA MIAT Inhibits MPP(+)-Induced Neuronal Damage Through Regulating the miR-132/SIRT1 Axis in PC12 Cells.

Long Noncoding RNA NEAT1 Knockdown Ameliorates 1-Methyl-4-Phenylpyridine-Induced Cell Injury Through MicroRNA-519a-3p/SP1 Axis in Parkinson Disease.

Effects of chronic prometryn exposure on antioxidative status, intestinal morphology, and microbiota in sea cucumber (*Apostichopus japonicus*).

A novel flowchart to predict mortality and analyse effectiveness of routinely used pharmacological regimens in paraquat poisoning.

Elevated pulmonary levels of Axin2 in mice exposed to herbicide 2,4-D with or without endotoxin.

First evaluation of the periphyton recovery after glyphosate exposure.

Berberine Attenuates MPP(+)-Induced Neuronal Injury by Regulating LINC00943/miR-142-5p/KPNA4/NF- κ B Pathway in SK-N-SH Cells.

Paraquat-induced oxidative stress regulates N6-methyladenosine (m(6)A) modification of circular RNAs.

Assessment of glufosinate-containing herbicide exposure: A multi-center retrospective study.

Bioaccumulation of current-use herbicides in fish from a global biodiversity hotspot: Lake St Lucia, South Africa.

A subchronic low-dose exposure of a glyphosate-based herbicide induces depressive and anxious-like behavior in mice: quercetin therapeutic approach.

Acute exposition to Roundup Transorb[®] induces systemic oxidative stress and alterations in the expression of newly sequenced genes in silverside fish (*Odontesthes humensis*).

Thoracic radiographic features of fatal paraquat intoxication in eleven dogs.

Inflammatory, Oxidative Stress, and Apoptosis Effects in Zebrafish Larvae after Rapid Exposure to a Commercial Glyphosate Formulation.

Atrazine Inhalation Worsen Pulmonary Fibrosis Regulating the Nuclear Factor-Erythroid 2-Related Factor (Nrf2) Pathways Inducing Brain Comorbidities.

Vitamin D(3) Protects Mice from Diquat-Induced Oxidative Stress through the NF- κ B/Nrf2/HO-1 Signaling Pathway.

Evaluation of the genotoxic, mutagenic, and histopathological hepatic effects of polyoxyethylene amine (POEA) and glyphosate on *Dendropsophus minutus* tadpoles.

Thioredoxin-1 mediates neuroprotection of Schisanhenol against MPP(+)-induced apoptosis via suppression of ASK1-P38-NF- κ B pathway in SH-SY5Y cells.

Quinoxaline derivatives as herbicide safeners by improving *Zea mays* tolerance.

Whole-body bioconcentration and biochemical and morphological responses of gills of the neotropical fish *Prochilodus lineatus* exposed to 2,4-dichlorophenoxyacetic acid or fipronil individually or in a mixture.

Exposure to Atrazine through gestation and lactation period led to impaired sexual maturation and subfertility in F1 male rats with congenital deformities in F2 progeny.

Atrazine intoxication in cattle, confirmed by gas chromatography-mass spectrometry.

Bacopaside-I Alleviates the Detrimental Effects of Acute Paraquat Intoxication in the Adult Zebrafish Brain.

Efficacy of an organically modified bentonite to adsorb 2,4-dichlorophenoxyacetic acid (2,4-D) and prevent its phytotoxicity.

Alterations in blood parameters, DNA damage, oxidative stress and antioxidant enzymes and immune-related genes expression in Nile tilapia (*Oreochromis niloticus*) exposed to glyphosate-based herbicide.

The effect of atrazine on intestinal histology, microbial community and short chain fatty acids in *Pelophylax nigromaculatus* tadpoles.

Conjugated linoleic acid protects brain mitochondrial function in acrolein induced male rats.

Bidirectional role of reactive oxygen species during inflammasome activation in acrolein-induced human EAhy926 cells pyroptosis.

Subchronic exposure to a glyphosate-based herbicide causes dysplasia in the digestive tract of Wistar rats.

Herbicide atrazine exposure induce oxidative stress, immune dysfunction and WSSV proliferation in red swamp crayfish *Procambarus clarkii*.

Exposure to the herbicide butachlor activates hepatic stress signals and disturbs lipid metabolism in mice.

Recovery trend to co-exposure of iron oxide nanoparticles (Fe_3O_4) and glyphosate in liver tissue of the fish *Poecilia reticulata*.

Chronic Exposure to Paraquat Induces Alpha-Synuclein Pathogenic Modifications in *Drosophila*.

Toxicological Parameters of a Formulation Containing Cinnamaldehyde for Use in Treatment of Oral Fungal Infections: An In Vivo Study.

Farmers' Knowledge, Attitudes, and Perceptions Regarding Carcinogenic Pesticides in Fez Meknes Region (Morocco).

Paraquat promotes acute lung injury in rats by regulating alveolar macrophage polarization through glycolysis.

Sex-dependent acrolein sensitivity in mice is associated with differential lung cell, protein, and transcript changes.

Functional roles of polyamines and their metabolite acrolein in eukaryotic cells.

Pectin/chitosan/tripolyphosphate encapsulation protects the rat lung from fibrosis and apoptosis induced by paraquat inhalation.

Negative impacts of microcystin-LR and glyphosate on zebrafish intestine: Linked with gut microbiota and microRNAs?

Effects of co-formulants on the absorption and secretion of active substances in plant protection products in vitro.

Activation of Nrf2 by methylene blue is associated with the neuroprotection against MPP(+) induced toxicity via ameliorating oxidative stress and mitochondrial dysfunction.

Melatonin Increases Life Span, Restores the Locomotor Activity, and Reduces Lipid Peroxidation (LPO) in Transgenic Knockdown Parkin *Drosophila melanogaster* Exposed to Paraquat or Paraquat/Iron.

Widespread agrochemicals differentially affect zooplankton biomass and community structure.

Short exposure to glyphosate induces locomotor, craniofacial, and bone disorders in zebrafish (*Danio rerio*) embryos.

Toxicity of 2-methyl-4-chlorophenoxy acetic acid alone and in combination with cyhalofop-butyl to *Cyprinus carpio* embryos.

Prenatal exposure to organophosphate and pyrethroid insecticides and the herbicide 2,4-dichlorophenoxyacetic acid and size at birth in urban pregnant women.

Global transcriptome profiling reveals antagonizing response of head kidney of juvenile common carp exposed to glyphosate.

Investigating the Effects of Pesticides on Ramshorn Snails (*Planorbella* [*Helisoma*] *trivolvis*) Infected with *Echinostoma* spp.

Exposure to 2,4-D herbicide induces hepatotoxicity in zebrafish larvae.

Co-formulants and adjuvants affect the acute aquatic and terrestrial toxicity of a cycloxydim herbicide formulation to European common frogs (*Rana temporaria*).

Improving pollutants environmental risk assessment using a multi model toxicity determination with in vitro, bacterial, animal and plant model systems: The case of the herbicide alachlor.

Whose Jurisdiction Is Home Contamination? Para-Occupational 'Take-Home' Herbicide Residue Exposure Risks among Forestry Workers' Families in South Africa.

Chemical Burns from Secondary Exposure to Paraquat Through Mishandling Urine of a Patient with Toxic Exposure.

Impaired mammalian sperm function and lower phosphorylation signaling caused by the herbicide Roundup® Ultra Plus are due to its surfactant component.

Neuroprotective Effect of 1,4-Naphthoquinones in an In Vitro Model of Paraquat and 6-OHDA-Induced Neurotoxicity.

Paraquat-induced cholesterol biosynthesis proteins dysregulation in human brain microvascular endothelial cells.

Epigenome-Wide DNA Methylation and Pesticide Use in the Agricultural Lung Health Study.

Perinatal exposure to a glyphosate-based herbicide causes dysregulation of dynorphins and an increase of neural precursor cells in the brain of adult male rats.

Does paraquat cause Parkinson's disease? A review of reviews.

Transient glyphosate encephalopathy due to a suicide attempt.

Increased Temperature Influenced Growth and Development of *Lithobates pipiens* Tadpoles Exposed to Leachates of the Invasive Plant European Buckthorn (*Rhamnus cathartica*) and a Triclopyr Herbicide.

CD34+ derived macrophage and dendritic cells display differential responses to paraquat.

Prolonged exposure to the herbicide atrazine suppresses immune cell functions by inducing spleen cell apoptosis in rats.

Systemic inflammation and oxidative stress induced by inhaled paraquat in rat improved by carvacrol, possible role of PPAR α receptors.

Glyphosate exposure attenuates testosterone synthesis via NR1D1 inhibition of StAR expression in mouse Leydig cells.

In vivo toxicological assessment of diquat dibromide: cytotoxic, genotoxic, and biochemical approach.

Glyphosate and Polyoxyethyleneamine Ingestion Leading to Renal, Hepatic, and Pulmonary Failure.

The effect of *Zataria multiflora* hydroalcoholic extract on memory and lung changes induced by rats that inhaled paraquat.

Immunological and metabolic effects of acute sublethal exposure to glyphosate or glyphosate-based herbicides on juvenile rainbow trout, *Oncorhynchus mykiss*.

Silicon Improves the Redox Homeostasis to Alleviate Glyphosate Toxicity in Tomato Plants-Are Nanomaterials Relevant?

Multi-generational exposure to fipronil, 2,4-D, and their mixtures in *Chironomus sancticarloi*: Biochemical, individual, and population endpoints.

Neuroprotection against 1-Methyl-4-phenylpyridinium-induced cytotoxicity by naturally occurring polydatin through activation of transcription factor MEF2D.

Fragment Recombination Design, Synthesis, and Safener Activity of Novel Ester-Substituted Pyrazole Derivatives.

Subchronic impacts of 2,4-D herbicide Weedestroy[®]AM40 on associative learning in juvenile yellow perch (*Perca flavescens*).

Developmental effect of parental or direct chronic exposure to environmental concentration of glyphosate on the larvae of rainbow trout, *Oncorhynchus mykiss*.

Evaluation of atrazine neurodevelopment toxicity in vitro-application of hESC-based neural differentiation model.

Roles of Bak and Sirt3 in Paraquat-Induced Cochlear Hair Cell Damage.

Toxicological status changes the susceptibility of the honey bee *Apis mellifera* to a single fungicidal spray application.

Pulmonary inflammatory response from co-exposure to LPS and glyphosate.

Ameliorative effect of N-acetylcysteine against glyphosate-induced hepatotoxicity in adult male albino rats: histopathological, biochemical, and molecular studies.

Atrazine Inhalation Causes Neuroinflammation, Apoptosis and Accelerating Brain Aging.

Influence of Herbicide Exposure and Ranavirus Infection on Growth and Survival of Juvenile Red-Eared Slider Turtles (*Trachemys scripta elegans*).

Assessment of the risk of death of *Clarias gariepinus* and *Oreochromis niloticus* pulse-exposed to selected agricultural pesticides.

User-safe and efficient chitosan-gated porous carbon nanopesticides and nanoherbicides.

Overexpression of TOLLIP Protects against Acute Kidney Injury after Paraquat Intoxication through Inhibiting NLRP3 Inflammasome Activation Modulated by Toll-Like Receptor 2/4 Signaling.

New Target in an Old Enemy: Herbicide (R)-Dichlorprop Induces Ferroptosis-like Death in Plants.

Phytotoxicity of *Schiekia timida* Seed Extracts, a Mixture of Phenylphenalenones.

Low-Dose Acrolein, an Endogenous and Exogenous Toxic Molecule, Inhibits Glucose Transport via an Inhibition of Akt-Regulated GLUT4 Signaling in Skeletal Muscle Cells.

N-acetylcysteine is more effective than ellagic acid in preventing acrolein induced dysfunction in mitochondria isolated from rat liver.

Paraquat induces redox imbalance and disrupts glutamate and energy metabolism in the hippocampus of prepubertal rats.

Proteome of *Saccharomyces cerevisiae* under paraquat stress regulated by therapeutic concentration of copper ions.

Exposure to multiple pesticides and neurobehavioral outcomes among smallholder farmers in Uganda.

Morphological, behavioral and genotoxic effects of glyphosate and 2,4-D mixture in tadpoles of two native species of South American amphibians.

Toxicity of fipronil and 2,4-D formulations (alone and in a mixture) to the tropical amphipod *Hyaella meinerti*.

Toxic effects of atrazine on immune function in BALB/c mice.

Meta-analysis and experimental validation identified atrazine as a toxicant in the male reproductive system.

Assessment of oxidative DNA damage, oxidative stress responses and histopathological alterations in gill and liver tissues of *Oncorhynchus mykiss* treated with linuron.

Glucocorticoid with cyclophosphamide for oral paraquat poisoning.

Unravelling Phytotoxicity and Mode of Action of Tripyrasulfone, a Novel Herbicide.

Inflammatory state and autism-like behavioral phenotype of offspring induced by maternal exposure to low-dose chemical mixtures during pregnancy in mice.

Possible effects of agent orange and posttraumatic stress disorder on hyperglycemia in Korean veterans from the US-Vietnam war.

Exposure to glyphosate and risk of non-Hodgkin lymphoma: an updated meta-analysis.

Perinatal exposure to low doses of glyphosate-based herbicide combined with a high-fat diet in adulthood causes changes in the jejunums of mice.

Acrolein-conjugated proteomics in brains of adult C57BL/6 mice chronically exposed to acrolein and aged APP/PS1 transgenic AD mice.

Neuroprotective effect of selumetinib on acrolein-induced neurotoxicity.

AQP2 as a target of lycopene protects against atrazine-induced renal ionic homeostasis disturbance.

Physiological and metagenomic strategies uncover the rhizosphere bacterial microbiome succession underlying three common environmental stresses in cassava.

Can the exposure system adopted influence the results of the atrazine toxicity in hepatic tissue of fish?

Isorhynchophylline ameliorates paraquat-induced acute kidney injury by attenuating oxidative stress and mitochondrial damage via regulating toll-interacting expression.

Glyphosate exposure induces synaptic impairment in hippocampal neurons and cognitive deficits in developing rats.

Ground-glass hepatocellular inclusions are associated with polypharmacy.

Fluorofenidone attenuates paraquat-induced pulmonary fibrosis by regulating the PI3K/Akt/mTOR signaling pathway and autophagy.

Neurotoxin-Induced Rodent Models of Parkinson's Disease: Benefits and Drawbacks.

Atrazine-induced cell-mediated immunotoxicity in rabbits and the ameliorating role of glycyrrhizic acid.

Synergy between glyphosate and cypermethrin formulations on zooplankton: evidences from a single-specie test and a community mesocosm experiment.

The hepatotoxicity of atrazine exposure in mice involves the intestinal microbiota.

Prognostic value of liver and kidney function parameters and their correlation with the ratio of urine-to-plasma paraquat in patients with paraquat poisoning.

Embryonic atrazine exposure and later in life behavioral and brain transcriptomic, epigenetic, and pathological alterations in adult male zebrafish.

Temperature and Aging Affect Glyphosate Toxicity and Fatty Acid Composition in *Allonychiurus kimi* (Lee) (Collembola).

The effects of carbon monoxide releasing molecules on paraquat-induced pulmonary interstitial inflammation and fibrosis.

Micronucleus Formation Induced by Glyphosate and Glyphosate-Based Herbicides in Human Peripheral White Blood Cells.

Epigenetic Changes Associated With Exposure to Glyphosate-Based Herbicides in Mammals.

Atrazine impairs testicular function in BalB/c mice by affecting Leydig cells.

Agrochemical pesticide production, trade, and hazard: Narrowing the information gap in Colombia.

Analysis of Biomechanical Parameters of Muscle Soleus Contraction and Blood Biochemical Parameters in Rat with Chronic Glyphosate Intoxication and Therapeutic Use of C(60) Fullerene.

Pendimethalin-based herbicide impairs cellular immune response and haemocyte morphology in a beneficial ground beetle.

Use of nontarget organism *Chironomus sancticarloi* to study the toxic effects of nanoatrazine.

Lipoxin A4 protects against paraquat-induced acute lung injury by inhibiting the TLR4/MyD88-mediated activation of the NF- κ B and PI3K/AKT pathways.

Growth performance and reproductive function impairment of glyphosate-based herbicide in male guinea pig (*Cavia porcellus*).

Evaluation of the hepatoprotective effects of curcumin and nanocurcumin against paraquat-induced liver injury in rats: Modulation of oxidative stress and Nrf2 pathway.

Chronic ciprofloxacin and atrazine co-exposure aggravates locomotor and exploratory deficits in non-target detritivore speckled cockroach (*Nauphoeta cinerea*).

Physiological and morphoanatomical effects of glyphosate in *Eugenia uniflora*, a Brazilian plant species native to the Atlantic Forest biome.

Toxicological parameters of aqueous residue after using *Plectranthus neochilus* for 2,4-D phytoremediation.

Suppression of tau-induced phenotypes by vitamin E demonstrates the dissociation of oxidative stress and phosphorylation in mechanisms of tau toxicity.

The effects of the herbicides terbutylazine and metazachlor at environmental concentration on the burrowing behaviour of red swamp crayfish.

Urinary microRNAs as non-invasive biomarkers for toxic acute kidney injury in humans.

HFE H63D Limits Nigral Vulnerability to Paraquat in Agricultural Workers.

Fluorochloridone induces autophagy in TM4 Sertoli cells: involvement of ROS-mediated AKT-mTOR signaling pathway.

Reproductive activation in honeybee (*Apis mellifera*) workers protects against abiotic and biotic stress.

[The mechanism of HDAC6 in paraquat-induced autophagy dysfunction of dopaminergic neurons by mediating aggresome-autophagy-lysosomal pathway].

Sea Cucumber-Derived Peptides Alleviate Oxidative Stress in Neuroblastoma Cells and Improve Survival in *C. elegans* Exposed to Neurotoxic Paraquat.

Aspirin eugenol ester ameliorates paraquat-induced oxidative damage through ROS/p38-MAPK-mediated mitochondrial apoptosis pathway.

Multi-omics phenotyping of the gut-liver axis reveals metabolic perturbations from a low-dose pesticide mixture in rats.

Carvacrol and PPAR α agonist, pioglitazone, affects inhaled paraquat-induced lung injury in rats.

Applied pesticide toxicity shifts toward plants and invertebrates, even in GM crops.

Hemodynamic and electromechanical effects of paraquat in rat heart.

Resting egg banks can facilitate recovery of zooplankton communities after short exposure to glyphosate.

Cardiovascular damage associated with subchronic exposure to the glyphosate herbicide in Wistar rats.

Paraquat herbicide diminishes chemoreflex sensitivity, induces cardiac autonomic imbalance and impair cardiac function in rats.

Melatonin rescues the reproductive toxicity of low-dose glyphosate-based herbicide during mouse oocyte maturation via the GPER signaling pathway.

Agent Orange Exposure and Dementia Diagnosis in US Veterans of the Vietnam Era.

Carcinogenicity and chronic toxicity of acrolein in rats and mice by two-year inhalation study.

Characterizing the protracted neurobiological and neuroanatomical effects of paraquat in a murine model of Parkinson's disease.

Glutathione is a potential therapeutic target for acrolein toxicity in the cornea.

Mitochondrial biochemical and histopathological defects induced by the herbicide pendimethalin in tilapia fish (*Oreochromis niloticus*).

Multigenerational Toxic Effects on *Daphnia magna* Induced by Silver Nanoparticles and Glyphosate Mixture.

A novel idea for establishing Parkinson's disease mouse model by intranasal administration of paraquat.

Pneumoperitoneum from pneumomediastinum in paraquat poisoning.

Modulation of BAG3 expression in human normal urothelial cells by Diuron.

Specific collagens maintain the cuticle permeability barrier in *Caenorhabditis elegans*.

Protection by rhynchophylline against MPTP/MPP(+)-induced neurotoxicity via regulating PI3K/Akt pathway.

Occupational Paraquat and Glyphosate Exposure May Decline Renal Functions among Rural Farming Communities in Sri Lanka.

Developmental toxicity and transcriptome analysis of zebrafish (*Danio rerio*) embryos following exposure to chiral herbicide safener benoxacor.

Could Glyphosate and Glyphosate-Based Herbicides Be Associated With Increased Thyroid Diseases Worldwide?

Chemical composition and phytotoxicity of essential oil from invasive plant, *Ambrosia artemisiifolia* L.

Clinical study and observation on the effect of hemoperfusion therapy treatment on central nervous system injury in patients with 2,4-dichlorophenoxyacetic acid poisoning.

2,4-Dichlorophenoxyacetic acid induced hepatic and renal toxicological perturbations in rat model: Attenuation by selenium supplementation.

A case of fatal intoxication by ingestion of an herbicide formulation containing fluroxypyr-meptyl and triclopyr.

Dietary squalene supplementation alleviates diquat-induced oxidative stress and liver damage of broiler chickens.

Drp1-mediated mitochondrial fission contributes to mitophagy in paraquat-induced neuronal cell damage.

Simultaneous determination of paraquat and diquat in human plasma by HPLC-DAD: Its application in acute poisoning patients induced by these two herbicides.

The herbicide dinitramine affects the proliferation of murine testicular cells via endoplasmic reticulum stress-induced calcium dysregulation.

Evaluation of the potential teratogenic and toxic effect of the herbicide 2,4-D (DMA[®] 806) in bullfrog embryos and tadpoles (*Lithobates catesbeianus*).

Reproductive toxicity of Roundup WG[®] herbicide: impairments in ovarian follicles of model organism *Danio rerio*.

Water contamination with atrazine: is nitric oxide able to improve *Pistia stratiotes* phytoremediation capacity?

Paraquat Inhalation, a Translationally Relevant Route of Exposure: Disposition to the Brain and Male-Specific Olfactory Impairment in Mice.

SOX21-AS1 modulates neuronal injury of MMP(+)-treated SH-SY5Y cells via targeting miR-7-5p and inhibiting IRS2.

Pre-differentiation exposure to low-dose of atrazine results in persistent phenotypic changes in human neuronal cell lines.

Drift, dissipation and risk to wildlife following targeted herbicide applications on boreal transmission rights-of-way.

PET nanoplastics interactions with water contaminants and their impact on human cells.

Effects of glyphosate residues and different concentrate feed proportions in dairy cow rations on hepatic gene expression, liver histology and biochemical blood parameters.

Chronic toxicity of technical atrazine to the fathead minnow (*Pimephales promelas*) during a full life-cycle exposure and an evaluation of the consistency of responses.

GardeninA confers neuroprotection against environmental toxin in a *Drosophila* model of Parkinson's disease.

Low-dose exposure of glyphosate-based herbicides disrupt the urine metabolome and its interaction with gut microbiota.

Development and Validation of a Radiomics Nomogram for Prognosis Prediction of Patients with Acute Paraquat Poisoning: A Retrospective Cohort Study.

A Phosphonate Natural Product Made by *Pantoea ananatis* is Necessary and Sufficient for the Hallmark Lesions of Onion Center Rot.

Hepatotoxic Effects of Atrazine on *Clarias gariepinus* (Burchell, 1822): Biochemical and Histopathological Studies.

Huang Lian Jie Du Tang attenuates paraquat-induced mitophagy in human SH-SY5Y cells: A traditional decoction with a novel therapeutic potential in treating Parkinson's disease.

Aqueous chlorination of herbicide metribuzin: Identification and elucidation of "new" disinfection by-products, degradation pathway and toxicity evaluation.

The use of combined high-fructose diet and glyphosate to model rats type 2 diabetes symptomatology.

Genotoxic and epigenetic effects of diuron in the Pacific oyster: in vitro evidence of interaction between DNA damage and DNA methylation.

Characterization, genome functional analysis, and detoxification of atrazine by *Arthrobacter* sp. C2.

A single gene inherited trait confers metabolic resistance to chlorsulfuron in grain sorghum (*Sorghum bicolor*).

Evaluation on reprogramed biological processes in transgenic maize varieties using transcriptomics and metabolomics.

A Two-in-One Strategy: Target and Nontarget Site Mechanisms Both Play Important Role in IMI-Resistant Weedy Rice.

Modeling paraquat-induced lung fibrosis in *C. elegans* reveals KRIT1 as a key regulator of collagen gene transcription.

LncRNA XIST sponges miR-199a-3p to modulate the Sp1/LRRK2 signal pathway to accelerate Parkinson's disease progression.

The effect of chronic exposure to chloridazon and its degradation product chloridazon-desphenyl on signal crayfish *Pacifastacus leniusculus*.

The agrochemical S-metolachlor disrupts molecular mediators and morphology of the swim bladder: Implications for locomotor activity in zebrafish (*Danio rerio*).

Effects of subchronic exposure to environmentally relevant concentrations of the herbicide atrazine in the Neotropical fish *Astyanax altiparanae*.

Paraquat exposure over generation affects lifespan and reproduction through mitochondrial disruption in *C. elegans*.

Melatonin alleviates the deterioration of oocytes and hormonal disorders from mice subjected to glyphosate.

Inflammatory lncRNA AK039862 regulates paraquat-inhibited proliferation and migration of microglial and neuronal cells through the Pafah1b1/Foxa1 pathway in co-culture environments.

Design, Synthesis, and SAR of Novel 1,3-Disubstituted Imidazolidine or Hexahydropyrimidine Derivatives as Herbicide Safeners.

Additional observations regarding glyphosate-based herbicides and developmental toxicity.

Reply to Reeves and Dunn: Risk for autism in offspring after maternal glyphosate exposure.

A novel simple risk model to predict the prognosis of patients with paraquat poisoning.

Interaction between pesticides applied alone or in mixtures in corn.

Tank mixture of glyphosate and 2,4-D applied on RR[®] maize crop.

Cholemic Nephrosis: An Autopsy Study of a Forgotten Entity.

Neurotoxicity associated with chronic exposure to dichlorophenoxyacetic acid (2,4-D) - a simulation of environmental exposure in adult rats.

Ecotoxicology of Glyphosate, Its Formulants, and Environmental Degradation Products.

Glyphosate poisoning - a case report.

Growth regulation of bermudagrass (*Cynodon dactylon*) and zoysiagrass (*Zoysia japonica*) with glyphosate.

The herbicide paraquat-induced molecular mechanisms in the development of acute lung injury and lung fibrosis.

The protective function of taurine on pesticide-induced permanent neurodevelopmental toxicity in juvenile rats.

RNA-Seq transcriptome analysis to identify candidate genes involved in non-target site-based mesosulfuron-methyl resistance in *Beckmannia syzigachne*.

Picolinafen exerts developmental toxicity via the suppression of oxidative stress and angiogenesis in zebrafish embryos.

Impact of chronic exposure of rainbow trout, *Oncorhynchus mykiss*, to low doses of glyphosate or glyphosate-based herbicides.

Different effects of an N-phenylimide herbicide on heme biosynthesis between human and rat erythroid cells.

Glyphosate targets fish monoaminergic systems leading to oxidative stress and anxiety.

Genotoxic effects of glyphosate on *Physalaemus* tadpoles.

Risk assessment and acute toxicological effects of atrazine on Nile tilapia larvae after stress.

Changes induced by atrazine in *Clarias gariepinus* provide insight into alterations in ovarian histoarchitecture and direct effects on oogenesis.

Using benchmark dose modeling for the quantitative risk assessment: Carbon nanotubes, asbestos, glyphosate.

Agrochemicals in freshwater systems and their potential as endocrine disrupting chemicals: A South African context.

Exposure of the alga *Pseudokirchneriella subcapitata* to environmentally relevant concentrations of the herbicide metolachlor: Impact on the redox homeostasis.

Effects of chronic glyphosate exposure on antioxidative status, metabolism and immune response in tilapia (GIFT, *Oreochromis niloticus*).

Impacts of subchronic exposure to a commercial 2,4-D herbicide on developmental stages of multiple freshwater fish species.

Fipronil and 2,4-D effects on tropical fish: Could avoidance response be explained by changes in swimming behavior and neurotransmission impairments?

Exposure to paraquat associated with periodontal disease causes motor damage and neurochemical changes in rats.

Protective efficacy of phenoxyacetyl oxazolidine derivatives as safeners against nicosulfuron toxicity in maize.

Resveratrol: Isolation, and Its Nanostructured Lipid Carriers, Inhibits Cell Proliferation, Induces Cell Apoptosis in Certain Human Cell Lines Carcinoma and Exerts Protective Effect Against Paraquat-Induced Hepatotoxicity.

Life-threatening triclopyr poisoning due to diethylene glycol monoethyl ether solvent.

Cinnamaldehyde and eugenol protect against LPS-stimulated oxidative stress and inflammation in Raw 264.7 cells.

Diquat poisoning in a pregnant woman resulting in a miscarriage and maternal death.

Effects of Trans-Cinnamaldehyde on Reperfused Ischemic Skeletal Muscle and the Relationship to Laminin.

Paraquat Poisoning in Children: A 5-Year Review.

Study on the Efficacy and Safety of Ambroxol Combined with Methylprednisolone in Patients with Acute Lung Injury.

Research on the Mechanism of Guizhi to Treat Nephrotic Syndrome Based on Network Pharmacology and Molecular Docking Technology.

Carnosine quenches the reactive carbonyl acrolein in the central nervous system and attenuates autoimmune neuroinflammation.

Differences in epithelial-mesenchymal-transition in paraquat-induced pulmonary fibrosis in BALB/C and BALB/C (nu/nu) nude mice.

Digital image processing: a useful tool in the analysis of lung injuries caused by chronic inhalation of agricultural herbicides.

Evidence of acrolein in synovial fluid of dogs with osteoarthritis as a potential inflammatory biomarker.

Impact of cinnamaldehyde on innate immunity and immune gene expression in *Channa striatus* against *Aphanomyces invadans*.

Inhibition of NLRP3 inflammasome by glibenclamide attenuated dopaminergic neurodegeneration and motor deficits in paraquat and maneb-induced mouse Parkinson's disease model.

Evaluation of prophylactic efficacy of cinnamaldehyde in murine model against *Paradendryphiella arenariae* mycotoxin tenuazonic acid-induced oxidative stress and organ toxicity.

Biofunctional chemistry and reactivity of biogenic acrolein for cancer diagnosis and therapy.

Identification of hub genes and key pathways of paraquat-induced human embryonic pulmonary fibrosis by bioinformatics analysis and in vitro studies.

[Two case reports: chronic obstructive pulmonary disease developed in long term survived patients after acute paraquat poisoning].

Coniferyl aldehyde alleviates LPS-induced WI-38 cell apoptosis and inflammation injury via JAK2-STAT1 pathway in acute pneumonia.

Reduced Acrolein Detoxification in *akr1a1a* Zebrafish Mutants Causes Impaired Insulin Receptor Signaling and Microvascular Alterations.

Cinnamaldehyde inhibits psoriasis-like inflammation by suppressing proliferation and inflammatory response of keratinocytes via inhibition of NF- κ B and JNK signaling pathways.

Neuroprotective Effect of Cinnamaldehyde on Secondary Brain Injury After Traumatic Brain Injury in a Rat Model.

Protective effect of genistein pre-treatment on paraquat hepatotoxicity in rats.

Urinary arsenic and heart disease mortality in NHANES 2003-2014.

The relationship between chronic arsenic exposure and body measures among US adults: National Health and Nutrition Examination Survey 2009-2016.

Monomethylated arsenic was the Major methylated arsenic in Red blood cells of acute promyelocytic leukemia patients treated with arsenic trioxide.

Antibiotics and Imiquimod for Cutaneous T-Cell Lymphoma in Veterans: A Patient Population with Agent Orange Exposure.

Psychosocial impairment following mild blast-induced traumatic brain injury in rats.

Celecoxib promotes survival and upregulates the expression of neuroprotective marker genes in two different in vitro models of Parkinson's disease.

[Clinical research of the differences between hematocrit and serum albumin for evaluating the severity of acute paraquat poisoning].

Association between pesticide exposure and colorectal cancer risk and incidence: A systematic review.

Acrolein Induces Systemic Coagulopathy via Autophagy-dependent Secretion of von Willebrand Factor in Mice after Traumatic Brain Injury.

Evaluation of Multiple Organ Dysfunction Score (MODS) and the Sequential Organ Failure Assessment (SOFA) score as in-hospital outcome predictors among cases of hydrogen cyanamide exposure: a cross-sectional study.

Antimicrobial Resistance Phenotypes and Genotypes of Escherichia coli Isolates from Broiler Chickens Fed Encapsulated Cinnamaldehyde and Citral.

The Stage at Presentation and Oncologic Outcomes for Agent Orange Exposed and Non-Exposed United States Veterans Diagnosed With Prostate Cancer.

Ferritinophagy-Mediated Ferroptosis Involved in Paraquat-Induced Neurotoxicity of Dopaminergic Neurons: Implication for Neurotoxicity in PD.

Novel approaches to circumvent the devastating effects of pests on sugarcane.

High-dose diquat poisoning: a case report.

Cinnamaldehyde Improves Metabolic Functions in Streptozotocin-Induced Diabetic Mice by Regulating Gut Microbiota.

Health-Related Quality of Life and Angina in Fractional Flow Reserve- Versus Angiography-Guided Coronary Artery Bypass Grafting: FARGO Trial (Fractional Flow Reserve Versus Angiography Randomization for Graft Optimization).

Dietary cinnamaldehyde nanoemulsion boosts growth and transcriptomes of antioxidant and immune related genes to fight *Streptococcus agalactiae* infection in Nile tilapia (*Oreochromis niloticus*).

[Four cases of acute diquat poisoning with prominent epileptoid seizure and literature review].

Pilot study on the urinary excretion of the glyphosate metabolite aminomethylphosphonic acid and breast cancer risk: The Multiethnic Cohort study.

Glyphosate inhibits melanization and increases susceptibility to infection in insects.

Reasons for under-reporting of paraquat poisoning in India.

Mechanistic role of antioxidants in rescuing delayed gastric emptying in high fat diet induced diabetic female mice.

Protective effect of lutein against acrolein-induced ototoxicity in rats.

Cinnamaldehyde and hesperetin attenuate TNBS-induced ulcerative colitis in rats through modulation of the JAK2/STAT3/SOCS3 pathway.

Acrolein scavenger dimercaprol offers neuroprotection in an animal model of Parkinson's disease: implication of acrolein and TRPA1.

Neuroprotective effects of pomegranate (*Punica granatum* L.) juice and seed extract in paraquat-induced mouse model of Parkinson's disease.

Inhibition of Lipopolysaccharide-Induced Inflammatory and Oxidative Responses by Trans-cinnamaldehyde in C2C12 Myoblasts.

The Onset of Systemic Oxidative Stress Associated with the Accumulation of Lipid Peroxidation Product Acrolein in the Skin of Patients with Small-Vessel Vasculitis.

Protective Effects of Cinnamaldehyde on the Inflammatory Response, Oxidative Stress, and Apoptosis in Liver of *Salmonella typhimurium*-Challenged Mice.

Esophagitis dissecans superficialis associated with acute transoral paraquat poisoning: Clinical study of 15 cases.

Effect of Fluorofenidone Against Paraquat-Induced Pulmonary Fibrosis Based on Metabolomics and Network Pharmacology.

Application of Acrolein Imines to Organic Synthesis, Biofunctional Studies, and Clinical Practice.

Neuroprotective potential of cinnamon and its metabolites in Parkinson's disease: Mechanistic insights, limitations, and novel therapeutic opportunities.

Corrosive Airway and Esophageal Injury in Paraquat Intoxication.

Effect and Safety of Cinnamaldehyde on Immunosuppressed Mice with Invasive Pulmonary Candidiasis.

[Progress in the study of pulmonary fibrosis signaling pathways caused by paraquat poisoning].

Coniferaldehyde prevents articular cartilage destruction in a murine model via Nrf2/HO-1 pathway.

Cinnamaldehyde mitigates placental vascular dysfunction of gestational diabetes and protects from the associated fetal hypoxia by modulating placental angiogenesis, metabolic activity and oxidative stress.

Taurine improves neuron injuries and cognitive impairment in a mouse Parkinson's disease model through inhibition of microglial activation.

Polyamine biomarkers as indicators of human disease.

Development of 'multiresistance rice' by an assembly of herbicide, insect and disease resistance genes with a transgene stacking system.

Association of Agricultural, Occupational, and Military Inhalants With Autoantibodies and Disease Features in US Veterans With Rheumatoid Arthritis.

Plasma acrolein level in rheumatoid arthritis increases independently of the disease characteristics.

[Analysis of the level of T lymphocyte subsets and the relationship with the prognosis of pulmonary fibrosis in patients with paraquat poisoning].

Microdesigned Nanocellulose-Based Flexible Antibacterial Aerogel Architectures Impregnated with Bioactive Cinnamomum cassia.

Pediococcus pentosaceus ZJUF-4 relieves oxidative stress and restores the gut microbiota in diquat-induced intestinal injury.

Suppression of Th17 cell differentiation via sphingosine-1-phosphate receptor 2 by cinnamaldehyde can ameliorate ulcerative colitis.

Thal protects against paraquat-induced lung injury through a microRNA-141/HDAC6/Î²-tubulin-NF-Î²B axis in rat and cell models.

Arenaria kansuensis attenuates pulmonary fibrosis in mice via the activation of Nrf2 pathway and the inhibition of NF-Î²B/TGF-beta1/Smad2/3 pathway.

Urinary Levels of the Acrolein Conjugates of Carnosine Are Associated with Cardiovascular Disease Risk.

Glyphosate-induced lipid metabolism disorder contributes to hepatotoxicity in juvenile common carp.

Novel FXR agonist nelumal A suppresses colitis and inflammation-related colorectal carcinogenesis.

An Unusual Case of Paraquat-Induced Rhabdomyolysis and Hepatic Injury Presenting With Takotsubo Cardiomyopathy.

Gallic acid exerts anti-inflammatory, anti-oxidative stress, and nephroprotective effects against paraquat-induced renal injury in male rats.

The Keap1/Nrf2-ARE signaling pathway is involved in atrazine induced dopaminergic neurons degeneration via microglia activation.

Potential of *Trichoderma harzianum* and Its Metabolites to Protect Wheat Seedlings against *Fusarium culmorum* and 2,4-D.

Plasma Concentration After the First Hemoperfusion has a High Predictive Value in Medium Level Acute Paraquat-Poisoned Patients.

Antibacterial and herbicidal properties of secondary metabolites from fungi.

Adduct Formation of Acrolein with Cyanidin-3-O-glucoside and Its Degradants/Metabolites during Thermal Processing or In Vivo after Consumption of Red Bayberry.

Interconversion and Acrolein-Trapping Capacity of Cardamonin/Alpinetin and Their Metabolites In Vitro and In Vivo.

Primary Human Hepatocyte Spheroids as Tools to Study the Hepatotoxic Potential of Non-Pharmaceutical Chemicals.

Antifungal activity of glyphosate against fungal blast disease on glyphosate-tolerant OsmEPSPS transgenic rice.

Translation, ribosome biogenesis, and oxidative damage caused by chlorpyrifos exposure to common carp (*Cyprinus carpio* L.) liver: application of combined RNA-seq with sRNA-seq in risk evaluation of environmental toxicant chlorpyrifos.

Epigenome-wide association study for glyphosate induced transgenerational sperm DNA methylation and histone retention epigenetic biomarkers for disease.

[Analysis of clinical characteristics and prognostic factors in 40 cases of acute glyphosate poisoning].

Inhibition of amyloid formation of amyloid β (1-42), amylin and insulin by 1,5-diazacyclooctanes, a spermine-acrolein conjugate.

Alveolar-arterial partial pressure difference as an early predictor for patients with acute paraquat poisoning.

Acrolein but not its metabolite, 3-Hydroxypropylmercapturic acid (3HPMA), activates vascular transient receptor potential Ankyrin-1 (TRPA1): Physiological to toxicological implications.

Essential Oil-Based Bioherbicides: Human Health Risks Analysis.

Involvement of mitochondrial fission in renal tubular pyroptosis in mice exposed to high and environmental levels of glyphosate combined with hard water.

A simple method for the determination of glyphosate, glufosinate and their metabolites in biological specimen by liquid chromatography/tandem mass spectrometry: an application for forensic toxicology.

The Arabidopsis mediator complex subunit 8 regulates oxidative stress responses.

Chronic exposure to glyphosate in Florida manatee.

[The effect of diallyl sulfide on the lung tissue of rats poisoned by paraquat].

Metribuzin-induced non-adverse liver changes result in rodent-specific non-adverse thyroid effects via uridine 5'-diphospho-glucuronosyltransferase (UDPGT, UGT) modulation.

Effect of carrier volume and spray quality on glyphosate-resistant soybean response to sublethal dicamba exposure.

Paraquat Treatment Compromises the Clearance of β -Amyloid and Tau Proteins and Induces Primary Hippocampal Neuronal Cell Death through HSP70, P20S, and TFEB Disruption.

The TRPA1 Agonist Cinnamaldehyde Induces the Secretion of HCO₃⁽⁻⁾ by the Porcine Colon.

Origins, fate, and actions of methylated trivalent metabolites of inorganic arsenic: progress and prospects.

Exposure to volatile organic compounds - acrolein, 1,3-butadiene, and crotonaldehyde - is associated with vascular dysfunction.

Cytotoxicity and genotoxicity of methomyl, carbaryl, metalaxyl, and pendimethalin in human umbilical vein endothelial cells.

Efficient chemosensors for toxic pollutants based on photoluminescent Zn(ii) and Cd(ii) metal-organic networks.

Differential sensitivity of cinnamaldehyde-evoked calcium fluxes to ruthenium red in guinea pig and mouse trigeminal sensory neurons.

Coexisting antibiotic changes the persistence and metabolic profile of atrazine in the environment.

An Intensified Acrolein Exposure Can Affect Memory and Cognition in Rat.

Trans-cinnamaldehyde protects C2C12 myoblasts from DNA damage, mitochondrial dysfunction and apoptosis caused by oxidative stress through inhibiting ROS production.

Low Doses of Glyphosate/Roundup Alter Blood-Testis Barrier Integrity in Juvenile Rats.

Anti-Enterococcus Faecalis, Cytotoxicity, Phytotoxicity, and Anticancer Studies on Clausena excavata Burum. f. (Rutaceae) Leaves.

New Insights into the Antimicrobial Action of Cinnamaldehyde towards Escherichia coli and Its Effects on Intestinal Colonization of Mice.

Aquaculture-derived distribution, partitioning, migration, and transformation of atrazine and its metabolites in seawater, sediment, and organisms from a typical semi-closed mariculture bay.

Subchronic toxicity study in rats evaluating herbicide-tolerant soybean DAS-68416-4.

A dicamba resistance-endowing IAA16 mutation leads to significant vegetative growth defects and impaired competitiveness in kochia (Bassia scoparia) (L.) .

Effects of simazine and food deprivation chronic stress on energy allocation among the costly physiological processes of male lizards (Eremias argus).

Ecological risk assessment of current-use pesticides and biocides in soils, sediments and surface water of a mixed land-use basin of the Pampas region, Argentina.

Extracellular pH and high concentration of potassium regulate the primary necrosis in the yeast *Saccharomyces cerevisiae*.

Preparation of S-iron-enriched yeast using siderophores and its effect on iron deficiency anemia in rats.

Cardioprotective and nephroprotective effects of Quercetin against different toxic agents.

Proximity-dependent biotinylation detects associations between SARS coronavirus nonstructural protein 1 and stress granule-associated proteins.

Arsenic-induced lung inflammation and fibrosis in a rat model: Contribution of the HMGB1/RAGE, PI3K/AKT, and TGF- β 1/SMAD pathways.

Efficacy of cenobamate for uncontrolled focal seizures: Post hoc analysis of a Phase 3, multicenter, open-label study.

Cortical Synaptic Reorganization Under Chronic Arsenic Exposure.

Low-dose PCB126 exposure disrupts cardiac metabolism and causes hypertrophy and fibrosis in mice.

Chemical constituents and medicinal properties of *Allium* species.

An Unusual Type of *Neoechinorhynchus cylindratus* (Acanthocephala: Neoechinorhynchidae) from *Gambusia affinis* in Peru, with Notes on Introductions.

Probing Loop-Mediated Isothermal Amplification (LAMP) targeting two gene-fragments of rose rosette virus.

Aryl Hydrocarbon Receptor Repressor Is Hypomethylated in Psoriasis and Promotes Psoriasis-like Inflammation in HaCaT Cells.

Aryl Hydrocarbon Receptor (AhR) Activation by 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) Dose-Dependently Shifts the Gut Microbiome Consistent with the Progression of Non-Alcoholic Fatty Liver Disease.

The Binding of Aripiprazole to Plasma Proteins in Chronic Renal Failure Patients.

Gut Microbiota and Their Derived Metabolites, a Search for Potential Targets to Limit Accumulation of Protein-Bound Uremic Toxins in Chronic Kidney Disease.

Role of AHR Ligands in Skin Homeostasis and Cutaneous Inflammation.

Neurons die with heightened but functional macro- and chaperone mediated autophagy upon increased amyloid- β induced toxicity with region-specific protection in prolonged intermittent fasting.

The Role of Iron and Zinc in the Treatment of ADHD among Children and Adolescents: A Systematic Review of Randomized Clinical Trials.

Polychlorinated environmental toxicants affect sphingolipid metabolism during neurogenesis in vitro.

Dinitramine induces cardiotoxicity and morphological alterations on zebrafish embryo development.

Aryl hydrocarbon receptor (AHR) functions in infectious and sterile inflammation and NAD(+)-dependent metabolic adaptation.

Potential role of dietary chitosan nanoparticles against immunosuppression, inflammation, oxidative stress, and histopathological alterations induced by pendimethalin toxicity in Nile tilapia.

A randomized controlled trial comparing the efficacy, tolerability, and cost of oral iron preparations in iron-deficiency anemia in pregnancy.

Impaired Tubular Secretion of Organic Solutes in Advanced Chronic Kidney Disease.

Untargeted serum metabolomics and potential biomarkers for Sjögren's syndrome.

DNA Damage and Expression Profile of Genes Associated with Nephrotoxicity Induced by Butralin and Ameliorating Effect of Arabic Gum in Female Rats.

Respiratory characteristics of the tammar wallaby pouch young and functional limitations in a newborn with skin gas exchange.

Computational studies on bacterial secondary metabolites against breast cancer.

The protective effect of Xanthoceras sorbifolia Bunge husks on cognitive disorder based on metabolomics and gut microbiota analysis.

An Overview: The Toxicity of Ageratina adenophora on Animals and Its Possible Interventions.

Analysis of cannabis seizures by non-targeted liquid chromatography-tandem mass spectrometry.

Passage Number-Induced Replicative Senescence Modulates the Endothelial Cell Response to Protein-Bound Uremic Toxins.

Discovery of a Potent and Selective JNK3 Inhibitor with Neuroprotective Effect Against Amyloid β -Induced Neurotoxicity in Primary Rat Neurons.

These boots are made for burnin': Inferring the position of the corpse and the presence of leather footwears during cremation through isotope (^{13}C , ^{18}O) and infrared (FTIR) analyses of experimentally burnt skeletal remains.

Human prostate epithelial cells and prostate-derived stem cells malignantly transformed in vitro with sodium arsenite show impaired Toll like receptor -3 (TLR3)-associated anti-tumor pathway.

Sphingolipid imbalance and inflammatory effects induced by uremic toxins in heart and kidney cells are reversed by dihydroceramide desaturase 1 inhibition.

Effects of prebiotic oligofructose-enriched inulin on gut-derived uremic toxins and disease progression in rats with adenine-induced chronic kidney disease.

Oral Iron Absorption Test: A Simple Test with Relevance in the Clinical Setting.

Combining in vitro assays and mathematical modelling to study developmental neurotoxicity induced by chemical mixtures.

AMP deamination is sufficient to replicate an atrophy-like metabolic phenotype in skeletal muscle.

Iron distribution in different tissues of homozygous Mask (msk/msk) mice and the effects of oral iron treatments.

Metabolomics profiling for identification of potential biomarkers in chickens infected with avian leukosis virus subgroup J (ALV-J).

Dinitrophenol-mediated modulation of an anti-PD-L1 VHH for Fc-dependent effector functions and prolonged serum half-life.

The protein-bound uremic toxin p-cresyl-sulfate promotes intracellular ROS production and lipid peroxidation in 3T3-L1 adipose cells.

Lipid metabolism disorders associated with dioxin exposure in a cohort of Chinese male workers revealed by a comprehensive lipidomics study.

Prenatal exposure to arsenic and lung function in children from the New Hampshire Birth Cohort Study.

Characteristics of arsenic species in cerebrospinal fluid (CSF) of acute promyelocytic leukaemia (APL) patients treated with arsenic trioxide plus mannitol.

Protein-Bound Uremic Toxins Lowering Effect of Sevelamer in Pre-Dialysis Chronic Kidney Disease Patients with Hyperphosphatemia: A Randomized Controlled Trial.

The consequences of altered microbiota in immune-related chronic kidney disease.

Transcriptome-based analysis of blood samples reveals elevation of DNA damage response, neutrophil degranulation, cancer and neurodegenerative pathways in Plasmodium falciparum patients.

Exposure to pesticides and childhood leukemia risk: A systematic review and meta-analysis.

Comparative Evaluation of Sucrosomial Iron and Iron Oxide Nanoparticles as Oral Supplements in Iron Deficiency Anemia in Piglets.

HSF-1 and SIR-2.1 linked insulin-like signaling is involved in goji berry (*Lycium spp.*) extracts promoting lifespan extension of *Caenorhabditis elegans*.

Evaluation of arsenic species in leukocytes and granulocytes of acute promyelocytic leukemia patients treated with arsenic trioxide.

A UVB-responsive common variant at chromosome band 7p21.1 confers tanning response and melanoma risk via regulation of the aryl hydrocarbon receptor, AHR.

YAP prevents premature senescence of astrocytes and cognitive decline of Alzheimer's disease through regulating CDK6 signaling.

Long-term safety of adjunctive cenobamate in patients with uncontrolled focal seizures: Open-label extension of a randomized clinical study.

Effect of renal impairment on arsenic accumulation, methylation capacity, and safety in acute promyelocytic leukemia (APL) patients treated with arsenic trioxide.

The Pharmacology and Clinical Efficacy of Antiseizure Medications: From Bromide Salts to Cenobamate and Beyond.

Relationship between acute kidney injury and mortality in poisoning - a systematic review and metanalysis.

Effects of the prenatal environment on cryptorchidism: A narrative review.

Mechanism of Gene-Environment Interactions Driving Glial Activation in Parkinson's Diseases.

Uremic endothelial-derived extracellular vesicles: Mechanisms of formation and their role in cell adhesion, cell migration, inflammation, and oxidative stress.

Fluroxypyr-1-methylheptyl ester interferes with the normal embryogenesis of zebrafish by inducing apoptosis, inflammation, and neurovascular toxicity.

Efficient flavinylation of glycosomal fumarate reductase by its own ApbE domain in *Trypanosoma brucei*.

Citrullinated and homocitrullinated low-density lipoprotein in rheumatoid arthritis.

Metastasizing Ameloblastoma: A 10 Year Clinicopathological Review with an Insight Into Pathogenesis.

New perspective on the regulation of acetylcholinesterase via the aryl hydrocarbon receptor.

Oral high-dose sucrosomial iron vs intravenous iron in sideropenic anemia patients intolerant/refractory to iron sulfate: a multicentric randomized study.

A case of iron deficiency anemia with extremely hyperferritinemia responds well to oral iron: the first identified hereditary hyperferritinemia cataract syndrome in China.

Prenatal Molecular Hydrogen Administration Ameliorates Several Findings in Nitrofen-Induced Congenital Diaphragmatic Hernia.

The effects of 2-aminoethoxydiphenyl borate and dantrolene on rat bones treated with NaAsO₂.

Maternal 3,3-Dimethyl-1-Butanol Therapy Protects Adult Male Rat Offspring against Hypertension Programmed by Perinatal TCDD Exposure.

2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD)-Inducible Poly-ADP-Ribose Polymerase (TIPARP/PARP7) Catalytic Mutant Mice (TiparpH532A) Exhibit Increased Sensitivity to TCDD-Induced Hepatotoxicity and Lethality.

Fenofibrate, a peroxisome proliferator-activated receptor- α agonist, blocks steatosis and alters the inflammatory response in a mouse model of inflammation-dioxin interaction.

Dietary Selenium Deficiency Partially Mimics the Metabolic Effects of Arsenic.

Evaluation of Salivary Indoxyl Sulfate with Proteinuria for Predicting Graft Deterioration in Kidney Transplant Recipients.

Association between occupational exposures and sarcoma incidence and mortality: systematic review and meta-analysis.

Baseline Hemoglobin, Hepcidin, Ferritin, and Total Body Iron Stores are Equally Strong Diagnostic Predictors of a Hemoglobin Response to 12 Weeks of Daily Iron Supplementation in Cambodian Women.

In Vitro and Clinical Pharmacokinetic Studies of the Effects of Iron-containing Agents on Vadadustat, an Oral Hypoxia-inducible Factor-Prolyl Hydroxylase Inhibitor.

Overexpression of miR-19a and miR-20a in iPS-MSCs preserves renal function of chronic kidney disease with acute ischaemia-reperfusion injury in rat.

Perspective on prenatal polychlorinated biphenyl exposure and the development of the progeny nervous system (Review).

Sodium azide poisoning: a narrative review.

Direct and specific analysis of nitrite and nitrate in biological and non-biological samples by capillary ion analysis for the rapid identification of fatal intoxications with sodium nitrite.

8-Formyllophipogonanone B antagonizes doxorubicin-induced cardiotoxicity by suppressing heme oxygenase-1-dependent myocardial inflammation and fibrosis.

Glutathione: An Old and Small Molecule with Great Functions and New Applications in the Brain and in Alzheimer's Disease.

Association Between Kidney Clearance of Secretory Solutes and Cardiovascular Events: The Chronic Renal Insufficiency Cohort (CRIC) Study.

Differential activation of eMI by distinct forms of cellular stress.

A molecular signature for the metabolic syndrome by urine metabolomics.

Importance of pesticides for lethal poisoning in India during 1999 to 2018: a systematic review.

Untargeted metabolomics and transcriptomics identified glutathione metabolism disturbance and PCS and TMAO as potential biomarkers for ER stress in lung.

Staphylococcus aureus Peptide Methionine Sulfoxide Reductases Protect from Human Whole-Blood Killing.

Antioxidant and food additive BHA prevents TNF cytotoxicity by acting as a direct RIPK1 inhibitor.

Circulating p-Cresyl Sulfate, Non-Hepatic Alkaline Phosphatase and Risk of Bone Fracture Events in Chronic Kidney Disease-Mineral Bone Disease.

The microbial metabolite p-Cresol induces autistic-like behaviors in mice by remodeling the gut microbiota.

Surface-Enhanced Raman Spectroscopy of Bacterial Metabolites for Bacterial Growth Monitoring and Diagnosis of Viral Infection.

Comparison of efficacy & safety of iron polymaltose complex & ferrous ascorbate with ferrous sulphate in pregnant women with iron-deficiency anaemia.

A successful protocol for desensitization to iron salts.

Agricultural Pesticides and Shingles Risk in a Prospective Cohort of Licensed Pesticide Applicators.

Paraquat lung - a rare cause of diffuse parenchymal lung disease.

Intravenous iron is non-inferior to oral iron regarding cell growth and iron metabolism in colorectal cancer associated with iron-deficiency anaemia.

Iron preparations for women of reproductive age with iron deficiency anaemia in pregnancy (FRIDA): a systematic review and network meta-analysis.

Skeletal myopathy in CKD: a comparison of adenine-induced nephropathy and 5/6 nephrectomy models in mice.

A novel imidazolinone metformin-methylglyoxal metabolite promotes endothelial cell angiogenesis via the eNOS/HIF-1 α pathway.

Novel edible toys as iron carrier to prevent iron deficiency of postweaned pigs.

Dynamic alteration in miRNA and mRNA expression profiles at different stages of chronic arsenic exposure-induced carcinogenesis in a human cell culture model of skin cancer.

Iron overload during the embryonic period develops hyperactive like behavior and dysregulation of biogenic amines in *Drosophila melanogaster*.

Metam sodium exposure during pregnancy and lactation in mice caused behavioral abnormalities and oxidative stress in offspring.

Chloracne: a case series on cutaneous expression of CYP1A1 as diagnostic biomarker.

Role of inhibiting Chk1-p53 pathway in hepatotoxicity caused by chronic arsenic exposure from coal-burning.

Gallic acid ameliorates sodium arsenite-induced renal and hepatic toxicity in rats.

Oral Ferric Maltol Does Not Adversely Affect the Intestinal Microbiome of Patients or Mice, But Ferrous Sulphate Does.

The Ability of AhR Ligands to Attenuate Delayed Type Hypersensitivity Reaction Is Associated With Alterations in the Gut Microbiota.

Analysis of the Oxidative Stress Regulon Identifies soxS as a Genetic Target for Resistance Reversal in Multidrug-Resistant *Klebsiella pneumoniae*.

Effect of Fortification with Multiple Micronutrient Powder on the Prevention and Treatment of Iron Deficiency and Anaemia in Brazilian Children: A Randomized Clinical Trial.

Unconjugated p-cresol activates macrophage macropinocytosis leading to increased LDL uptake.

Association between pesticide exposure and obesity: A cross-sectional study of 20,295 farmers in Thailand.

Urinary Volatilomics Unveils a Candidate Biomarker Panel for Noninvasive Detection of Clear Cell Renal Cell Carcinoma.

Inhibition of triple negative breast cancer metastasis and invasiveness by novel drugs that target epithelial to mesenchymal transition.

Gene expression profile analysis and target gene discovery of Mycobacterium tuberculosis biofilm.

[The Comparison of Iron Deficiency Anemia Rat Treated with Hydroxypropyl Chitosan Ferrous Ion Complex and Ferrous Sulfate].

Pharmacology of Cenobamate: Mechanism of Action, Pharmacokinetics, Drug-Drug Interactions and Tolerability.

Detrimental effects of 6 months exposure to very low doses of a mixture of six pesticides associated with chronic vitamin deficiency on rats.

Regulated hypothermia in response to endotoxin in birds.

Testing in vitro tools for the prediction of cholestatic liver injury induced by non-pharmaceutical chemicals.

Prenatal exposure to pesticides and risk of preeclampsia among pregnant women: Results from the ELFE cohort.

Beverages containing Lactobacillus paracasei LC-37 improved functional dyspepsia through regulation of the intestinal microbiota and their metabolites.

Prolonged Low-Dose Dioxin Exposure Impairs Metabolic Adaptability to High-Fat Diet Feeding in Female but Not Male Mice.

Randomized Trial of Oral Iron and Diet Advice versus Diet Advice Alone in Young Children with Nonanemic Iron Deficiency.

Can curcumin supplementation reduce plasma levels of gut-derived uremic toxins in hemodialysis patients? A pilot randomized, double-blind, controlled study.

Thidiazuron suppresses breast cancer via targeting miR-132 and dysregulation of the PI3K-Akt signaling pathway mediated by the miR-202-5p-PTEN axis.

Poisonings due to storage in a secondary container reported to the National Poison Data System, 2007-2017.

Toxicology and predictors of death in 2,4-dinitrophenol (DNP) toxicity.

Susceptibility to DNA damage caused by abrogation of Rad54 homolog B: A putative mechanism for chemically induced cleft palate.

Biochemistry of Terpenes and Recent Advances in Plant Protection.

[Risk factors associated with acute kidney injury caused by pesticide poisoning].

Developmental and lifelong dioxin exposure induces measurable changes in cardiac structure and function in adulthood.

The role of MEG3 in the proliferation of palatal mesenchymal cells is related to the TGF β ²/Smad pathway in TCDD inducing cleft palate.

The aryl hydrocarbon receptor suppresses immunity to oral squamous cell carcinoma through immune checkpoint regulation.

Nematicidal Volatiles from *Bacillus atrophaeus* GBSC56 Promote Growth and Stimulate Induced Systemic Resistance in Tomato against *Meloidogyne incognita*.

TP53INP1 exerts neuroprotection under ageing and Parkinson's disease-related stress condition.

Multi-Nutrient Fortified Dairy-Based Drink Reduces Anaemia without Observed Adverse Effects on Gut Microbiota in Anaemic Malnourished Nigerian Toddlers: A Randomised Dose-Response Study.

Role of Endocrine-Disrupting Chemicals in the Pathogenesis of Non-Alcoholic Fatty Liver Disease: A Comprehensive Review.

Immunomorphological Changes in Neuronal and Non-Neuronal Structures in the Rat Intestine in a Toxin-Induced Model of Parkinsonism.

Effects of Low-Dose Gestational TCDD Exposure on Behavior and on Hippocampal Neuron Morphology and Gene Expression in Mice.

Hard as Iron: A Case of Delayed Presentation of Severe Iron Toxicity With Diagnostic and Treatment Dilemmas.

Pathology of salivary gland dysfunction and restoration of function.

Neurobehavioral and neurochemical effects in rats offspring co-exposed to arsenic and fluoride during development.

Associations among total p-cresylsulfate, indoxyl sulfate and hippuric acid levels with hemodialysis quality indicators in maintenance hemodialysis patients.

COPD-derived fibroblasts secrete higher levels of senescence-associated secretory phenotype proteins.

Nutritional Intervention with Dried Bonito Broth for the Amelioration of Aggressive Behaviors in Children with Prenatal Exposure to Dioxins in Vietnam: A Pilot Study.

Glycine-Conjugated Bile Acids Protect RPE Tight Junctions against Oxidative Stress and Inhibit Choroidal Endothelial Cell Angiogenesis In Vitro.

Postnatal Iron Supplementation with Ferrous Sulfate vs. Ferrous Bis-Glycinate Chelate: Effects on Iron Metabolism, Growth, and Central Nervous System Development in Sprague Dawley Rat Pups.

Dietary Strategies for Management of Metabolic Syndrome: Role of Gut Microbiota Metabolites.

Circulating short and medium chain fatty acids are associated with normoalbuminuria in type 1 diabetes of long duration.

Ferric carboxymaltose vs. ferrous sulfate for the treatment of anemia in advanced chronic kidney disease: an observational retrospective study and cost analysis.

High Serum-Induced AhRL Is Associated with Prevalent Metabolic Syndrome and Future Impairment of Glucose Tolerance in the Elderly.

Ephedra Herb, Mao, Inhibits Antigen-Induced Mast Cell Degranulation by Induction of the Affinity Receptor for IgE Internalization.

Attenuation of growth hormone production at the fetal stage is critical for dioxin-induced developmental disorder in rat offspring.

2,4-Dinitrophenol overdose - Everything old is new again.

Anti-seizure medications and efficacy against focal to bilateral tonic-clonic seizures: A systematic review with relevance for SUDEP prevention.

Pre- and post-diagnostic blood profiles of chlorinated persistent organic pollutants and metabolic markers in type 2 diabetes mellitus cases and controls; a pilot study.

Inorganic arsenic induces sex-dependent pathological hypertrophy in the heart.

Environmental exposures and the etiopathogenesis of Alzheimer's disease: The potential role of BACE1 as a critical neurotoxic target.

Protective effect of toll-interacting protein overexpression against paraquat-induced lung injury in mice and A549 cells through inhibiting oxidative stress, inflammation, and NF- κ B signaling pathway.

"That's Not His Regular Formula": A Case of Organophosphate Poisoning in an Infant.

Regulation of Mitochondrial Function by Epac2 Contributes to Acute Inflammatory Hyperalgesia.

Vitamin D improves pulmonary function in a rat model for congenital diaphragmatic hernia.

Influences of Selenium-Enriched Yeast on Growth Performance, Immune Function, and Antioxidant Capacity in Weaned Pigs Exposure to Oxidative Stress.

Bayesian Group Index Regression for Modeling Chemical Mixtures and Cancer Risk.

Environmental exposures to endocrine disrupting chemicals (EDCs) and their role in endometriosis: a systematic literature review.

Thrombolome and Its Emerging Role in Chronic Kidney Diseases.

Iron Protein Succinylate in the Management of Iron Deficiency Anemia: A Comparative Study with Ferrous Sulphate at Low and High Therapeutic Doses.

Peripheral nerve injury in patients exposed to n-hexane: an analysis of eight cases.

Effects of maternal exposure to arsenic on social behavior and related gene expression in F2 male mice.

Therapeutic potential of diosmin, a citrus flavonoid against arsenic-induced neurotoxicity via suppression of NOX 4 and its subunits.

Impact of congenital diaphragmatic hernia on diaphragm muscle function in neonatal rats.

Microbial metabolism of L-tyrosine protects against allergic airway inflammation.

Mitochondria exert age-divergent effects on recovery from spinal cord injury.

The in vitro laboratory tests and mass spectrometry-assisted quality assessment of commercial polyvalent antivenom raised against the 'Big Four' venomous snakes of India.

Assessment of fibrotic pathways induced by environmental chemicals using 3D-human liver microtissue model.

The antioxidant study proprieties of Thymus munbyanus aqueous extract and its beneficial effect on 2, 4-Dichlorophenoxyacetic acid -induced hepatic oxidative stress in albino Wistar rats.

Non-dioxin-like polychlorinated biphenyl neurotoxic equivalents found in environmental and human samples.

Cenobamate: Neuroprotective Potential of a New Antiepileptic Drug.

Clinical usefulness of a rapid molecular assay, ID NOW[®], for influenza A & B 2, in adults.

Attenuation of sodium arsenite-induced cardiotoxicity and neurotoxicity with the antioxidant, anti-inflammatory, and antiapoptotic effects of hesperidin.

Inhibition of anti-viral stress granule formation by coronavirus endoribonuclease nsp15 ensures efficient virus replication.

The Role of Gut Bacterial Metabolites in Brain Development, Aging and Disease.

Sustained high expression of NRF2 and its target genes induces dysregulation of cellular proliferation and apoptosis is associated with arsenite-induced malignant transformation of human bronchial epithelial cells.

AhR Ligands Differentially Regulate miRNA-132 Which Targets HMGB1 and to Control the Differentiation of Tregs and Th-17 Cells During Delayed-Type Hypersensitivity Response.

The Aryl Hydrocarbon Receptor Attenuates Acute Cigarette Smoke-Induced Airway Neutrophilia Independent of the Dioxin Response Element.

The relationship of indoxyl sulfate and p-cresyl sulfate with target cardiovascular proteins in hemodialysis patients.

Key Considerations for Policymakers-Iodized Salt as a Vehicle for Iron Fortification: Current Evidence, Challenges, and Knowledge Gaps.

Mechanisms involved in the possible protective effect of chrysin against sodium arsenite-induced liver toxicity in rats.

Comparison between oral ferrous sulfate and intravenous ferric carboxymaltose in children with restless sleep disorder.

Proportionate mortality study of unionized maintenance of way railroad workers.

pH-Dependent Protein Binding Properties of Uremic Toxins In Vitro.

A Positive Relationship between Exposure to Heavy Metals and Development of Chronic Diseases: A Case Study from Chile.

The aryl hydrocarbon receptor and the gut-brain axis.

Predicting changes in renal metabolism after compound exposure with a genome-scale metabolic model.

Cancer- and noncancer-specific cumulative incidence of death after exposure to polychlorinated biphenyls and dioxins: A competing risk analysis among Yusho patients.

Arsenite suppresses IL-2-dependent tumoricidal activities of natural killer cells.

Efficacy and safety of intravenous ferric carboxymaltose compared with oral iron for the treatment of iron deficiency anaemia in women after childbirth in Tanzania: a parallel-group, open-label, randomised controlled phase 3 trial.

Ameliorative role of bosentan, an endothelin receptor antagonist, against sodium arsenite-induced renal dysfunction in rats.

Pbx1, Meis1, and Runx1 Expression Is Decreased in the Diaphragmatic and Pulmonary Mesenchyme of Rats with Nitrofen-Induced Congenital Diaphragmatic Hernia.

IRE1 \pm /NOX4 signaling pathway mediates ROS-dependent activation of hepatic stellate cells in NaAsO(2)-induced liver fibrosis.

Epithelial Alteration Associated With Recovery From Laryngeal Squamous Metaplasia in Rats: Kinetics of Recovery From a Test Item-Related Change.

TCDD attenuates EAE through induction of FasL on B cells and inhibition of IgG production.

Novel tankyrase inhibitors suppress TDP-43 aggregate formation.

Gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice: Neurobehavioral effects on female offspring.

Adverse effects of iron deficiency anemia on pregnancy outcome and offspring development and intervention of three iron supplements.

Aryl Hydrocarbon Receptor and Dioxin-Related Health Hazards-Lessons from Yusho.

Uraemic toxins impair skeletal muscle regeneration by inhibiting myoblast proliferation, reducing myogenic differentiation, and promoting muscular fibrosis.

The impact of dextran sodium sulphate and probiotic pre-treatment in a murine model of Parkinson's disease.

An enriched biosignature of gut microbiota-dependent metabolites characterizes maternal plasma in a mouse model of fetal alcohol spectrum disorder.

Impact of prenatal arsenic exposure on the testes and epididymides of prepubertal rats.

Cardiovascular risk factors associated with coronary ectasia and acute myocardial infarction.

Elucidation of the species differences of epyrifenacil-induced hepatotoxicity between mice and humans by mass spectrometry imaging analysis in chimeric mice with humanized liver.

Exposure of Environmental Contaminants and Development of Neurological Disorders.

Toxin-Related Acute Kidney Injury.

Alginate-coated activated charcoal enhances fecal excretion of 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice, with fewer side effects than uncoated one.

Protein-Bound Uremic Toxins and Immunity.

Reno-Hepatoprotective and Antidiabetic Properties of Methanol Leaf Extract of *Laportea Aestuans* in Wistar Rats.

Transamniotic Stem Cell Therapy for Experimental Congenital Diaphragmatic Hernia: Structural, Transcriptional, and Cell Kinetics Analyses in the Nitrofen Model.

Biological Therapies for Atopic Dermatitis: A Systematic Review.

Effects of Uremic Toxins on the Binding of Aripiprazole to Human Serum Albumin.

Amniotic fluid metabolic fingerprinting indicated metabolites which may play a role in the pathogenesis of foetal Down syndrome - a preliminary report.

Catalase deficiency induces reactive oxygen species mediated pexophagy and cell death in the liver during prolonged fasting.

DNA Methylation Patterns in CD4+ T Cells of Na⁺ and Influenza A Virus-Infected Mice Developmentally Exposed to an Aryl Hydrocarbon Receptor Ligand.

P-cresol and Indoxyl Sulfate Impair Osteogenic Differentiation by Triggering Mesenchymal Stem Cell Senescence.

Gut microbiota as a target to limit toxic effects of traditional Chinese medicine: Implications for therapy.

Arsenic metabolism differs between child and adult patients during acute arsenic poisoning.

Forensic taphonomy: Characterization of the gravesoil chemistry using a multivariate approach combining chemical and volatile analyses.

A rat subchronic study transcriptional point of departure estimates a carcinogenicity study apical point of departure.

Effects of Probiotic Preparations on Inflammatory Cytokines in Chronic Kidney Disease Patients: A Systematic Review and Meta-Analysis.

TriTACs, a Novel Class of T-Cell-Engaging Protein Constructs Designed for the Treatment of Solid Tumors.

Epithelial cell-adhesion protein cadherin 26 is dysregulated in congenital diaphragmatic hernia and congenital pulmonary airway malformation.

Carbon nitride-based nanocaptor: An intelligent nanosystem with metal ions chelating effect for enhanced magnetic targeting phototherapy of Alzheimer's disease.

Pesticide exposure and incident thyroid cancer among male pesticide applicators in agricultural health study.

A treatise on Organophosphate pesticide pollution: Current strategies and advancements in their environmental degradation and elimination.

Hypusination of Eif5a regulates cytoplasmic TDP-43 aggregation and accumulation in a stress-induced cellular model.

Single-Nuclei RNA Sequencing Assessment of the Hepatic Effects of 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Exposure to pollutants altered glucocorticoid signaling and clock gene expression in female mice. Evidence of tissue- and sex-specificity.

A protocol of situation-dependent transfusion, erythropoietin and tranexamic acid reduces transfusion in fronto-orbital advancement for metopic and coronal craniosynostosis.

Phytotoxic metabolites produced by *Diaporthe eres* involved in cane blight of grapevine in Italy.

Synergistic properties of bioavailable phenolic compounds from olive oil: electron transfer and neuroprotective properties.

Differences in exposure to toxic and/or carcinogenic volatile organic compounds between Black and White cigarette smokers.

Co-exposure to nTiO₂ impairs arsenic metabolism and affects antioxidant capacity in the marine shrimp *Litopenaeus vannamei*.

Sex-specific Associations Between Type 2 Diabetes Incidence and Exposure to Dioxin and Dioxin-like Pollutants: A Meta-analysis.

Evidence-Based Challenges to the Continued Recommendation and Use of Peroxidatively-Susceptible Polyunsaturated Fatty Acid-Rich Culinary Oils for High-Temperature Frying Practises: Experimental Revelations Focused on Toxic Aldehydic Lipid Oxidation Products.

Associations Between Residential Exposure to Volatile Organic Compounds and Liver Injury Markers.

A Preconception Paternal Fish Oil Diet Prevents Toxicant-Driven New Bronchopulmonary Dysplasia in Neonatal Mice.

Genetic Control of MAP3K1 in Eye Development and Sex Differentiation.

Correction to: Orally delivered water soluble coenzyme Q10 (Ubisol-Q10) blocks on-going neurodegeneration in rats exposed to paraquat: potential for therapeutic application in Parkinson's disease.

Dietary supplements consumption and its association with socioeconomic factors, obesity and main non-communicable chronic diseases in the north of Iran: the PERSIAN Guilan Cohort Study (PGCS).

Neurological Sequela of Acute Pesticide Poisoning Among Adults in Central Taiwan.

Protracted Impairment of Maternal Metabolic Health in Mouse Dams Following Pregnancy Exposure to a Mixture of Low Dose Endocrine-Disrupting Chemicals, a Pilot Study.

Risk Assessment of Ozone Fumigation Under Vacuum to Control Potential Infestation of Coffee Berry Borer and Coffee Leaf Rust in Green Coffee Beans Imported Into Hawaii.

The Promising Role of Chitosan-Poloxamer 188 Nanocrystals in Improving Diosmin Dissolution and Therapeutic Efficacy against Ferrous Sulfate-Induced Hepatic Injury in Rats.

Proteomics and metabolic phenotyping define principal roles for the aryl hydrocarbon receptor in mouse liver.

The Improvement of the Adaptation Process of Tocopherol and Acetylsalicylic Acid in Offspring of Mothers Exposed to TCDD.

Resveratrol and its derivative pterostilbene attenuate oxidative stress-induced intestinal injury by improving mitochondrial redox homeostasis and function via SIRT1 signaling.

Arabidopsis aldehyde oxidase 3, known to oxidize abscisic aldehyde to abscisic acid, protects leaves from aldehyde toxicity.

Effects of Iron Supplementation on Attention Deficit Hyperactivity Disorder in Children Treated with Methylphenidate.

Case Report: Delayed Lung Transplantation With Intraoperative ECMO Support for Herbicide Intoxication-Related Irreversible Pulmonary Fibrosis: Strategy and Outcome.

Chronic Dietary Exposure of Roosters to a Glyphosate-Based Herbicide Increases Seminal Plasma Glyphosate and AMPA Concentrations, Alters Sperm Parameters, and Induces Metabolic Disorders in the Progeny.

Pulmonary histopathology in fatal paraquat poisoning.

Formation of Cytoplasmic Actin-Cofilin Rods is Triggered by Metabolic Stress and Changes in Cellular pH.

Use of the Species Sensitivity Distribution Approach to Derive Ecological Threshold of Toxicological Concern (eco-TTC) for Pesticides.

Inhibitory effect of pirfenidone on pulmonary fibrosis in patients with acute paraquat poisoning.

Exposure to acetochlor impairs swim bladder formation, induces heat shock protein expression, and promotes locomotor activity in zebrafish (*Danio rerio*) larvae.

Paraquat Toxicogenetics: Strain-Related Reduction of Tyrosine Hydroxylase Staining in Substantia Nigra in Mice.

Developmental Toxicology of Metal Mixtures in *Drosophila*: Unique Properties of Potency and Interactions of Mercury Isoforms.

Development and Validation of an LC-MS-MS Method for the Quantification of Cyanate in Rat Plasma and Its Application to Toxicokinetic Bioanalysis.

Could Mesna and Celery Seed Cotherapy Modulate Oxidative Stress and Inflammation of the Urinary Bladder Induced by Ifosfamide in Rabbits?

Paraquat-induced acute kidney and liver injury: Case report of a survivor from Bangladesh.

Seasonal Urinary Levels of Glyphosate in Children From Agricultural Communities.

Paraquat Poisoning Associated With Daisley Barton Syndrome: A Case Report.

Antioxidant, anti-inflammatory and protective potential of gallic acid against paraquat-induced liver toxicity in male rats.

Effects of Acute 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Exposure on the Circulating and Cecal Metabolome Profile.

Lipid Peroxide-Derived Reactive Carbonyl Species as Mediators of Oxidative Stress and Signaling.

Comparative Genotoxicity and Mutagenicity of Cigarette, Cigarillo, and Shisha Tobacco Products in Epithelial and Cardiac Cells.

The Role of Bacterial-Derived Aromatic Amino Acids Metabolites Relevant in Autism Spectrum Disorders: A Comprehensive Review.

On the Flip Side of Mask Wearing: Increased Exposure to Volatile Organic Compounds and a Risk-Reducing Solution.

Provision of folic acid for reducing arsenic toxicity in arsenic-exposed children and adults.

Cytokine changes in fatal cases of paraquat poisoning.

Short-Chain Fatty Acids Alleviate Hepatocyte Apoptosis Induced by Gut-Derived Protein-Bound Uremic Toxins.

Comparing the Invertebrate Communities and the Decomposition Dynamics Between Dead Native and Non-Native Trees in a Seasonal Everglades Wetland.

CRISPR-mediated Mutation in Cinnamoyl-CoA Reductase 4 in Allohexaploid Oilseed Crop *Camelina sativa*, Revealed its Pivotal Role in Resistance Against *Sclerotinia sclerotiorum*.

Low-Dose Cyclophosphamide Induces Nerve Injury and Functional Overactivity in the Urinary Bladder of Rats.

Absence of prostacyclin greatly relieves cyclophosphamide-induced cystitis and bladder pain in mice.

PCB cause global DNA hypomethylation of human peripheral blood monocytes in vitro.

Potential inoculum sources of *Fusarium* species involved in asparagus decline syndrome and evaluation of soil disinfestation methods by qPCR protocols.

Arsenic disrupts neuronal insulin signaling through increasing free PI3K-p85 and decreasing PI3K activity.

Compositions, sources, and potential health risks of volatile organic compounds in the heavily polluted rural North China Plain during the heating season.

Impact of whole-body versus nose-only inhalation exposure systems on systemic, respiratory, and cardiovascular endpoints in a 2-month cigarette smoke exposure study in the ApoE(-/-) mouse model.

A Novel Supplement Attenuates Oxidative Stress-Induced TDP-43-Related Pathogenesis in TDP-43-Expressed Cells.

Variables Affecting Shoot Growth and Plantlet Recovery in Tissue Cultures of Drug-Type Cannabis sativa L.

Author Correction: Acute thiamethoxam toxicity in honeybees is not enhanced by common fungicide and herbicide and lacks stress-induced changes in mRNA splicing.

[Vigilance against a highly lethal insecticide chlorfenapyr poisoning (report of 4 cases and literature review)].

Dilated Cardiomyopathy Associated with Paraquat Herbicide Poisoning.

The AST-120 Recovers Uremic Toxin-Induced Cognitive Deficit via NLRP3 Inflammasome Pathway in Astrocytes and Microglia.

UV and temperature effects on chloroacetanilide and triazine herbicides degradation and cytotoxicity.

The use of biomarkers associated with leaky gut as a diagnostic tool for early intervention in autism spectrum disorder: a systematic review.

Rapid Glomerulotubular Nephritis as an Initial Presentation of a Lethal Diquat Ingestion.

Foliar Application of Sodium Nitroprusside Boosts Solanum lycopersicum L. Tolerance to Glyphosate by Preventing Redox Disorders and Stimulating Herbicide Detoxification Pathways.

ROCK1 Mediates Retinal Glial Cell Migration Promoted by Acrolein.

[Toxic effects of sublethal acetochlor with sublethal doses on earthworms in soil using multi-endpoints system].

Sugarcane Workweek Study: Risk Factors for Daily Changes in Creatinine.

Transcriptional profiling of Chinese hamster ovary (CHO) cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

GDNF requires HIF-1 α and RET activation for suppression of programmed cell death of enteric neurons by metabolic challenge.

Curcumin pre-treatment may protect against mitochondrial damage in LRRK2-mutant Parkinson's disease and healthy control fibroblasts.

Xenopus laevis tadpoles exposed to metamifop: Changes in growth, behavioral endpoints, neurotransmitters, antioxidant system and thyroid development.

Exposure to pesticides and oxidative stress in Brazilian agricultural communities.

Acclimation to cold stress reduces injury from low temperature and bispyribac-sodium on rice.

Clothianidin alters leukocyte profiles and elevates measures of oxidative stress in tadpoles of the amphibian, *Rana pipiens*.

Mechanisms of Neurotoxicity Associated with Exposure to the Herbicide Atrazine.

Autism-like Behaviors in Male Juvenile Offspring after Maternal Glyphosate Exposure.

Effect of paraquat on cytotoxicity involved in oxidative stress and inflammatory reaction: A review of mechanisms and ecological implications.

Exploring the Biological Mechanism of Huang Yam in Treating Tumors and Preventing Antitumor Drug-Induced Cardiotoxicity Using Network Pharmacology and Molecular Docking Technology.

Pelargonic acid vanillylamide and rosuvastatin protect against oxidized low-density lipoprotein-induced endothelial dysfunction by inhibiting the NF- κ B/NLRP3 pathway and improving cell-cell junctions.

Impact of broad-spectrum pesticides used in the agricultural and forestry sector on the pesticide profile in wild boar, roe deer and deer and risk assessment for venison consumers.

Experimental Evidence of 2,3,7,8-Tetrachlordibenzo-p-Dioxin (TCDD) Transgenerational Effects on Reproductive Health.

The flavin monooxygenase Bs3 triggers cell death in plants, impairs growth in yeast and produces H₂O₂ in vitro.

Impact of Estrogen Withdrawal and Replacement in Female Mice along the Intestinal Tract. Comparison of E2 Replacement with the Effect of a Mixture of Low Dose Pollutants.

Colorimetry-Based Detection of Nitric Oxide from Exhaled Breath for Quantification of Oxidative Stress in Human Body.

Predictive Biomarkers of Intensive Care Unit and Mechanical Ventilation Duration in Critically-Ill Coronavirus Disease 2019 Patients.

P2X7 Receptor Blockade Protects Against Acrolein-Induced Bladder Damage: A Potential New Therapeutic Approach for the Treatment of Bladder Inflammatory Diseases.

Effects of Acute Diquat Poisoning on Liver Mitochondrial Apoptosis and Autophagy in Ducks.

Formulation and Characterization of a New Injectable Bone Substitute Composed PVA/Borax/CaCO₃ and Demineralized Bone Matrix.

Effects of sublethal concentration of metamifop on hepatic lipid metabolism in adult zebrafish (*Danio rerio*).

Mechanistic Investigation of Xuebijing for Treatment of Paraquat-Induced Pulmonary Fibrosis by Metabolomics and Network Pharmacology.

Bioassays to screen the toxicity in drinking water samples collected in Brazilian rural area.

Fine particulate matter air pollution and aortic perivascular adipose tissue: Oxidative stress, leptin, and vascular dysfunction.

Arc1 and the microbiota together modulate growth and metabolic traits in *Drosophila*.

Subchronic exposure to high-density polyethylene microplastics alone or in combination with chlortoluron significantly affected valve activity and daily growth of the Pacific oyster, *Crassostrea gigas*.

Pesticide use and kidney function among farmers in the Biomarkers of Exposure and Effect in Agriculture study.

Neurons expressing the aryl hydrocarbon receptor in the locus coeruleus and island of Calleja major are novel targets of dioxin in the mouse brain.

Trends in concentrations of selected dioxins and furans across various stages of kidney function for US adults.

Ceramide/protein phosphatase 2A axis is engaged in gap junction impairment elicited by PCB153 in liver stem-like progenitor cells.

Comparative evaluation of HET-CAM and ICE methods for objective assessment of ocular irritation caused by selected pesticide products.

Chronic exposure to environmentally realistic levels of diuron impacts the behaviour of adult marine medaka (*Oryzias melastigma*).

Can kissing cause paraquat poisoning: A case report and review of literature.

Resveratrol Attenuates Diquat-Induced Oxidative Stress by Regulating Gut Microbiota and Metabolome Characteristics in Piglets.

The Aryl Hydrocarbon Receptor Suppresses Chronic Smoke-Induced Pulmonary Inflammation.

Acute Administration of Bioavailable Curcumin Alongside Ferrous Sulphate Supplements Does Not Impair Iron Absorption in Healthy Adults in a Randomised Trial.

α-Synuclein E46K Mutation and Involvement of Oxidative Stress in a *Drosophila* Model of Parkinson's Disease.

Per- and polyfluoroalkyl mixtures toxicity assessment "Proof-of-Concept" illustration for the hazard index approach.

Determination of Pendimethalin Dynamic Residual Distribution in Crucian Carp Tissues and Associated Risk Assessment.

A mechanism linking perinatal 2,3,7,8 tetrachlorodibenzo-p-dioxin exposure to lower urinary tract dysfunction in adulthood.

Cell wall damage attenuates root hair patterning and tissue morphogenesis mediated by the receptor kinase STRUBBELIG.

Metagenomic and phytochemical analyses of kefir water and its subchronic toxicity study in BALB/c mice.

Effects of Different Ammonia Levels on Tribenuron Methyl Toxicity in *Daphnia magna*.

TCDD induced lipid accumulation by impairment of autophagic flux in THP-1 macrophages.

Advancing continuous subcutaneous insulin infusion in vivo: New insights into tissue challenges.

Protective and therapeutic effect of hydrogen sulfide on hemorrhagic cystitis and testis dysfunction induced with cyclophosphamide.

An Overview on the Potential Hazards of Pyrethroid Insecticides in Fish, with Special Emphasis on Cypermethrin Toxicity.

Estimation of chronic dietary intake of pesticide residues.

Impacts of Sodium Arsenite on Wood Microbiota of Esca-Diseased Grapevines.

In Vitro Selection of Probiotics, Prebiotics, and Antioxidants to Develop an Innovative Synbiotic (NatuREN G) and Testing Its Effect in Reducing Uremic Toxins in Fecal Batches from CKD Patients.

Glyphosate Interaction with eEF1 \pm 1 Indicates Altered Protein Synthesis: Evidence for Reduced Spermatogenesis and Cytostatic Effect.

Ecological risk assessment of pesticides in the Mijares River (eastern Spain) impacted by citrus production using wide-scope screening and target quantitative analysis.

Inhibition of cell expansion enhances cortical microtubule stability in the root apex of *Arabidopsis thaliana*.

Determination of Azide Ions in Blood by Pentafluorobenzyl Derivation Followed by GC-MS.

Quality of end-of-life care for Vietnam-era Veterans: Implications for practice and policy.

Mitochondrial activities play a pivotal role in regulating cell cycle in response to doxorubicin.

Injectable hydrogels based on oxidized alginate-gelatin reinforced by carbon nitride quantum dots for tissue engineering.

Aquatic toxicity of waterpipe wastewater chemicals.

Case fatality of agricultural pesticides after self-poisoning in Sri Lanka: a prospective cohort study.

Autonomic and cholinergic mechanisms mediating cardiovascular and temperature effects of donepezil in conscious mice.

The endocrine disrupting effects of sodium arsenite in the rat testis is not mediated through macrophage activation.

LncRNA XIST Promoted OGD-Induced Neuronal Injury Through Modulating/miR-455-3p/TIPARP Axis.

Crucial cytotoxic and antimicrobial activity changes driven by amount of doped silver in biocompatible carbon nitride nanosheets.

Xanthohumol prolongs lifespan and decreases stress-induced mortality in *Drosophila melanogaster*.

Aclonifen causes developmental abnormalities in zebrafish embryos through mitochondrial dysfunction and oxidative stress.

Changes induced by chronic exposure to high arsenic concentrations in the intestine and its microenvironment.

Recombinant Expression of Thrombolytic Agent Reteplase in Marine Microalga *Tetraselmis subcordiformis* (Chlorodendrales, Chlorophyta).

Mortality from Parkinson's disease and other causes among a workforce manufacturing paraquat: an updated retrospective cohort study.

Genetics-Based Approach to Identify Novel Genes Regulated by the Aryl Hydrocarbon Receptor in Mouse Liver.

Evaluation of pentoxifylline and ferrous sulfate for treatment of lower limb venous ulcers.

Ablation of *Selenbp1* Alters Lipid Metabolism via the *Ppar α* Pathway in Mouse Kidney.

Data-science based analysis of perceptual spaces of odors in olfactory loss.

Role of Fucoidan on the Growth Behavior and Blood Metabolites and Toxic Effects of Atrazine in Nile Tilapia *Oreochromis niloticus* (Linnaeus, 1758).

2,4-Dinitrophenol: 'diet' drug death following major trauma.

Assessing Vesicular Monoamine Transport and Toxicity Using Fluorescent False Neurotransmitters.

Distribution and toxicity of persistent organic pollutants and methoxylated polybrominated diphenylethers in different tissues of the green turtle *Chelonia mydas*.

New insight into increased toxicity during ozonation of chlorophenol: The significant contribution of oxidizing intermediates.

Hidroxi (H₂O²) Counteracts Cyclophosphamide-Induced Male Infertility through NRF2 Pathways in a Mouse Model.

Contamination of Foods from Cameroon with Residues of 20 Halogenated Pesticides, and Health Risk of Adult Human Dietary Exposure.

Acute and early life-stage toxicity of atrazine in sheepshead minnow (*Cyprinodon variegatus*).

The enantioselective study of the toxicity effects of chiral acetochlor in HepG2 cells.

Granulocyte-colony stimulating factor, a potential candidate for the treatment of Parkinson's disease.

Disruption of the Diurnal Cortisol Hormone Pattern by Pesticide Use in a Longitudinal Study of Farmers in Thailand.

Drivers of adoption of crop protection and soil fertility management practices among smallholder soybean farmers in Tolon district of Ghana.

Removal of the fishy malodor from *Bangia fusco-purpurea* via fermentation of *Saccharomyces cerevisiae*, *Acetobacter pasteurianus*, and *Lactobacillus plantarum*.

Simultaneous determination and dietary risk assessment of clethodim and its metabolites in different fruits and vegetables.

2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure disrupts development of the visceral and ocular vasculature.

Concentration Addition, Independent Action, and Quantitative Structure-Activity Relationships for Chemical Mixture Toxicities of the Disinfection By products of Haloacetic Acids on the Green Alga *Raphidocelis subcapitata*.

Effect of exposure to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and polychlorinated biphenyls (PCBs) on mitochondrial DNA (mtDNA) copy number in rats.

Tenuazonic Acid-Triggered Cell Death Is the Essential Prerequisite for *Alternaria alternata* (Fr.) Keissler to Infect Successfully Host *Ageratina adenophora*.

Resveratrol in Rodent Models of Parkinson's Disease: A Systematic Review of Experimental Studies.

Enantioselective toxicity and oxidative stress effects of acetochlor on earthworms (*Eisenia fetida*) by mediating the signaling pathway.

Dicopper(II) Complexes of p-Cresol-2,6-Bis(dpa) Amide-Tether Ligands: Large Enhancement of Oxidative DNA Cleavage, Cytotoxicity, and Mechanistic Insight by Intracellular Visualization.

Exposures to 2,4-Dichlorophenoxyacetic acid with or without endotoxin upregulate small cell lung cancer pathway.

Uremic Toxins in Organ Crosstalk.

Complex Coronary Instant Chronic Total Occlusion Lesions: Oxidative Stress, Inflammation, and Coronary Stent Lengths.

Impact of Chronic Exposure to Sublethal Doses of Glyphosate on Honey Bee Immunity, Gut Microbiota and Infection by Pathogens.

Chlorination decreases acute toxicity of iodophenols through the formation of iodate and chlorinated aliphatic disinfection byproducts.

Chronic pesticide exposure elicits a subtle carry-over effect on the metabolome of *Aurelia coerulea* ephyrae.

Matrix composition during ozonation of N-containing substances may influence the acute toxicity towards *Daphnia magna*.

Weeds as Pathogen Hosts and Disease Risk for Crops in the Wake of a Reduced Use of Herbicides: Evidence from Yam (*Dioscorea alata*) Fields and *Colletotrichum* Pathogens in the Tropics.

Combined Ubisol-Q(10) and Ashwagandha Root Extract Target Multiple Biochemical Mechanisms and Reduces Neurodegeneration in a Paraquat-Induced Rat Model of Parkinson's Disease.

Ethanol extract of *Vitellaria paradoxa* (Gaertn, F) leaves protects against sodium arsenite - induced toxicity in male wistar rats.

Tetrahydroxystilbene glucoside protects against sodium azide-induced mitochondrial dysfunction in human neuroblastoma cells.

Paraquat poisoning in Andaman and Nicobar Islands - Government must intervene.

Prolonged cognitive dysfunction in patient with splenic lesion of the corpus callosum caused by glufosinate ammonium poisoning.

AGENT ORANGE-INDUCED Anaplastic Large-Cell Lymphoma (ALCL) with Cutaneous Involvement.

The Association between Child and Parent Psychiatric Disorders in Families Exposed to Flood and/or Dioxin.

Acute toxicity and morphology alterations of glyphosate-based herbicides to *Daphnia magna* and *Cyclops vicinus*.

Borax-loaded injectable alginate hydrogels promote muscle regeneration in vivo after an injury.

In vitro and in vivo digestion of red cured cooked meat: oxidation, intestinal microbiota and fecal metabolites.

Dysregulation of murine immune functions on inhalational exposure to ammonia, dimethyl disulfide, 3-methylindole, or propionic acid.

PCB and TCDD derived embryonic cardiac defects result from a novel AhR pathway.

Toxicity of boric acid, borax and other boron containing compounds: A review.

Toxicokinetic analysis of commonly used pesticides using data on acute poisoning cases from Hyderabad, South India.

Zingiber officinale ethanolic extract attenuates oxidative stress, steroidogenic gene expression alterations, and testicular histopathology induced by sodium arsenite in male rats.

Impact of multigenerational exposure to AgNO₃ or NM300K Ag NPs on antioxidant defense and oxidative stress in *Caenorhabditis elegans*.

Acute liver injury associated with Oxyfluorfen toxicity.

Adaptation of *Dinoroseobacter shibae* to oxidative stress and the specific role of RirA.

Assessment of Commercial Fungicides against Onion (*Allium cepa*) Basal Rot Disease Caused by *Fusarium oxysporum* f. sp. *cepae* and *Fusarium acutatum*.

Experimental acute arsenic toxicity in Balb/c mice: organic markers and splenic involvement.

Therapeutic effects of TP5, a Cdk5/p25 inhibitor, in in vitro and in vivo models of Parkinson's disease.

Acute and chronic effects of Titanium dioxide (TiO₂) PM₁ on honey bee gut microbiota under laboratory conditions.

Detoxification of Reactive Aldehydes by Alda-1 Treatment Ameliorates Experimental Autoimmune Encephalomyelitis in Mice.

Opposing Effects of TGF β ² and BMP in the Pulmonary Vasculature in Congenital Diaphragmatic Hernia.

Immune and Nervous Systems Interaction in Endocrine Disruptors Toxicity: The Case of Atrazine.

Saul-Wilson Syndrome Missense Allele Does Not Show Obvious Golgi Defects in a *C. elegans* Model.

HGF-Modified Dental Pulp Stem Cells Mitigate the Inflammatory and Fibrotic Responses in Paraquat-Induced Acute Respiratory Distress Syndrome.

Sodium arsenite induces spatial learning and memory impairment associated with oxidative stress and activates the Nrf2/PPAR γ ³ pathway against oxidative injury in mice hippocampus.

Toxicity studies of hexachlorobenzene administered by gavage to female Sprague Dawley (Hsd:Sprague Dawley SD) rats.

Oxidative testicular injury: effect of L-leucine on redox, cholinergic and purinergic dysfunctions, and dysregulated metabolic pathways.

Novel phenylpyrimidine derivatives containing a hydrazone moiety protect rice seedlings from injury by metolachlor.

Effect of uncouplers of oxidative phosphorylation on metabolism of propionate in liver explants from dairy cows.

A novel study for joint toxicity of typical aromatic compounds in coal pyrolysis wastewater by *Tetrahymena thermophile*.

Effects of 2,4,6-trichlorophenol and its intermediates on acute toxicity of sludge from wastewater treatment and functional gene expression.

Bach1 plays an important role in angiogenesis through regulation of oxidative stress.

Dioxins and dioxin-like PCBs in the ambient air of the Valencian Region (Spain): Levels, human exposure, and risk assessment.

Simultaneous removal of ammonia and volatile organic compounds from composting of dead pigs and manure using pilot-scale biofilter.

Beyond the Tip of the Blade: An Investigation of Upper Extremity Machete Injuries in Honduras.

Antioxidant effects of *Embllica officinalis* and *Zingiber officinalis* on arsenic and lead induced toxicity on Albino rats.

Heavy Metals and Pesticides Toxicity in Agricultural Soil and Plants: Ecological Risks and Human Health Implications.

The Impacts of Illegal Toxic Waste Dumping on Children's Health: A Review and Case Study from Pasir Gudang, Malaysia.

Endocrine Disruptor Potential of Short- and Long-Chain Perfluoroalkyl Substances (PFASs)-A Synthesis of Current Knowledge with Proposal of Molecular Mechanism.

Environmental Toxins Found Historically in the Polycythemia Vera Cluster Area and their Potential for Inducing DNA Damage.

Genome-wide association study in hexaploid wheat identifies novel genomic regions associated with resistance to root lesion nematode (*Pratylenchus thornei*).

Dual Roles of GSNOR1 in Cell Death and Immunity in Tetraploid *Nicotiana tabacum*.

Importance of monitoring arsenic methylation metabolism in acute promyelocytic leukemia patients receiving the treatment of arsenic trioxide.

WITHDRAWN: Trimethylation of H4K20 regulated by RBL1/KMT5B/E2F3 signaling pathway played a protective role in attenuating paraquat-induced acute lung injury.

Benfuresate induces developmental toxicity in zebrafish larvae by generating apoptosis and pathological modifications.

The insulin-like growth factor system: A target for endocrine disruptors?

Tetrachlorobenzoquinone exposure triggers ferroptosis contributing to its neurotoxicity.

Effect of chemical alternatives to methyl bromide on soil-borne disease incidence and fungal populations in Spanish strawberry nurseries: A long-term study.

Design of epidermal growth factor immobilization on 3D biocompatible scaffolds to promote tissue repair and regeneration.

Report of a Case of Paraquat Poisoning and Mediastinal Involvement.

Cyclophosphamide arrhythmogenicity testing using human-induced pluripotent stem cell-derived cardiomyocytes.

Simultaneous Determination of Multiple Reactive Carbonyl Species in High Fat Diet-Induced Metabolic Disordered Mice and the Inhibitory Effects of Rosemary on Carbonyl Stress.

Quercetin Alleviates Oxidative Damage by Activating Nuclear Factor Erythroid 2-Related Factor 2 Signaling in Porcine Enterocytes.

Downregulation of epithelial DUOX1 in chronic obstructive pulmonary disease.

Targeted Metabolomics Identifies Plasma Biomarkers in Mice with Metabolically Heterogeneous Melanoma Xenografts.

A directional 3D neurite outgrowth model for studying motor axon biology and disease.

Acute Changes in Thyroid Hormone Levels among Thai Pesticide Sprayers.

Acute 2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure in adult mice does not alter the morphology or inflammatory response of cortical microglia.

Identification of molecular toxicity pathways across early life-stages of zebrafish exposed to PCB126 using a whole transcriptomics approach.

PCB153 reduces apoptosis in primary cultures of murine pituitary cells through the activation of NF- κ B mediated by PI3K/Akt.

Oxidative Stress and Lipid Mediators Modulate Immune Cell Functions in Autoimmune Diseases.

Lysosomal SLC46A3 modulates hepatic cytosolic copper homeostasis.

Acrolein and other toxicant exposures in relation to cardiovascular disease among marijuana and tobacco smokers in a longitudinal cohort of HIV-positive and negative adults.

Genome Sequence of *Acetobacter tropicalis* DmPark25_167, a Bacterium Isolated from a *Drosophila melanogaster* Genetic Model of Parkinson's Disease.

Protective effect of melatonin against herbicides-induced hepatotoxicity in rats.

Disturbances in Microbial and Metabolic Communication across the Gut-Liver Axis Induced by a Dioxin-like Pollutant: An Integrated Metagenomics and Metabolomics Analysis.

Chlorogenic acid abates male reproductive dysfunction in arsenic-exposed mice via attenuation of testicular oxido-inflammatory stress and apoptotic responses.

Glyphosate disrupts sperm quality and induced DNA damage of rainbow trout (*Oncorhynchus mykiss*) sperm.

[Risks associated with the consumption of inorganic and organic arsenic].

Endocrine disrupting chemicals and reproductive disorders in women, men, and animal models.

Identification of odor biomarkers in irradiation injury urine based on headspace SPME-GC-MS.

Evaluation of aryl hydrocarbon receptor expression in oral squamous cell carcinoma and normal oral mucosa using western blot.

Performance of extracorporeal membrane oxygenation in patients with fatal paraquat poisoning: grasp for straws?

Role of epithelial-to-mesenchymal transition in the pulmonary fibrosis induced by paraquat in rats.

Oleuropein attenuates the 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-perturbing effects on pancreatic β -cells.

Cruciferous vegetables (*Brassica oleracea*) confer cytoprotective effects in *Drosophila* intestines.

Short-term metabolic disruptions in urine of mouse models following exposure to low doses of oxygen ion radiation.

Liquid Biopsies in a Veteran Patient Population With Advanced Prostate and Lung Non-Small Cell Carcinomas: A New Paradigm and Unique Challenge in Personalized Medicine.

Renal tubular injury induced by glyphosate combined with hard water: the role of cytosolic phospholipase A2.

Pro-inflammatory Mediators and Oxidative Stress: Therapeutic Markers for Recurrent Angina Pectoris after Coronary Artery Stenting in Elderly Patients.

Effects of heat stress on the biological Maillard reaction, oxidative stress, and occurrence of internal browning in Japanese radish (*Raphanus sativus* L.).

Tetrachlorobisphenol A induced immunosuppression and uterine injury in mice.

Neurophysiological and behavioral responses of blacklegged ticks to host odors.

G protein-coupled receptor kinase 2 modifies the ability of *Caenorhabditis elegans* to survive oxidative stress.

Transgenerational disease specific epigenetic sperm biomarkers after ancestral exposure to dioxin.

Military service and related risk factors for amyotrophic lateral sclerosis.

The Effect of Organophosphate Exposure on Neuronal Cell Coenzyme Q(10) Status.

Identify the Early Predictor of Mortality in Patients with Acute Paraquat Poisoning.

Epigenome-wide association study for atrazine induced transgenerational DNA methylation and histone retention sperm epigenetic biomarkers for disease.

Roundup causes embryonic development failure and alters metabolic pathways and gut microbiota functionality in non-target species.

Is Gluten the Only Culprit for Non-Celiac Gluten/Wheat Sensitivity?

Effects on Ultrastructure, Composition and Specific Surface Area of the Gills of *Odontesthes bonariensis* Under Subchronic Glyphosate-Based Herbicide Exposure.

A 90-day subchronic toxicity study of transgenic cotton expressing Cry1Ac, Cry2A and CP4-EPSPS proteins in Sprague-Dawley rats.

The impact and toxicity of glyphosate and glyphosate-based herbicides on health and immunity.

Renal tubular injury by glyphosate-based herbicide.

Exposure to the herbicide 2,4-dichlorophenoxyacetic acid impairs mitochondrial function, oxidative status, and behavior in adult zebrafish.

Impact of herbicide pretilachlor on reproductive physiology of walking catfish, *Clarias batrachus* (Linnaeus).

Glyphosate-based herbicide formulations and reproductive toxicity in animals.

Ion transport mechanisms for smoke inhalation-injured airway epithelial barrier.

Mucosal-associated invariant T-Cell (MAIT) activation is altered by chlorpyrifos- and glyphosate-treated commensal gut bacteria.

Neuroprotective Metabolites from Vietnamese Marine Derived Fungi of *Aspergillus* and *Penicillium* Genera.

Chronic Atrazine Exposure Beginning Prenatally Impacts Liver Function and Sperm Concentration With Multi-Generational Consequences in Mice.

Impairment of motor coordination and interneuron migration in perinatal exposure to glufosinate-ammonium.

The glyphosate formulation Roundup® LB plus influences the global metabolome of pig gut microbiota in vitro.

[Protective effects of taurine on neurons and microglia in Parkinson's disease-like mouse model induced by paraquat].

Acrolein: A Potential Mediator of Oxidative Damage in Diabetic Retinopathy.

Lanostane Triterpenoid Metabolites from a *Penares* sp. Marine Sponge Protect Neuro-2a Cells against Paraquat Neurotoxicity.

Spn modulates lipid droplet content in adult *Drosophila* glial cells and protects against paraquat toxicity.

ROBO2 signaling in lung development regulates SOX2/SOX9 balance, branching morphogenesis and is dysregulated in nitrofen-induced congenital diaphragmatic hernia.

Piperine-Coated Gold Nanoparticles Alleviate Paraquat-Induced Neurotoxicity in *Drosophila melanogaster*.

Î-opioid receptor activation protects against Parkinson's disease-related mitochondrial dysfunction by enhancing PINK1/Parkin-dependent mitophagy.

[Simultaneous determination of paraquat and diquat in plasma and urine by ion chromatography-triple quadrupole mass spectrometry].

Historical trends of the ecotoxicological pesticide risk from the main grain crops in Rolling Pampa (Argentina).

[Atrazine changes meiosis and reduces spermatogenesis in male mice].

Quantitative in Vitro to in Vivo Extrapolation (QIVIVE) for Predicting Reduced Anogenital Distance Produced by Anti-Androgenic Pesticides in a Rodent Model for Male Reproductive Disorders.

A rabbit model for evaluating ocular damage from acrolein toxicity in vivo.

Cellular injury leading to oxidative stress in acute poisoning with potassium permanganate/oxalic acid, paraquat, and glyphosate surfactant herbicide.

Reduced Dpp expression accelerates inflammation-mediated neurodegeneration through activated glial cells during altered innate immune response in *Drosophila*.

Reduction by, ligand exchange among, and covalent binding to glutathione and cellular thiols link metabolism and disposition of dietary arsenic species with toxicity.

DP-2216-6 maize does not adversely affect rats in a 90-day feeding study.

Cigarette Smoke Extract and Its Cytotoxic Factor Acrolein Inhibit Nitric Oxide Production in Human Vascular Endothelial Cells.

Acute and chronic toxicity of 2,4-D and fipronil formulations (individually and in mixture) to the Neotropical cladoceran *Ceriodaphnia silvestrii*.

Kidney developmental effects of metal-herbicide mixtures: Implications for chronic kidney disease of unknown etiology.

Assessment of lethal and sublethal effects of imidacloprid, ethion, and glyphosate on aversive conditioning, motility, and lifespan in honey bees (*Apis mellifera* L.).

Acrolein in cigarette smoke attenuates the innate immune responses mediated by surfactant protein D.

LncRNA NR_030777 Alleviates Paraquat-Induced Neurotoxicity by Regulating Zfp326 and Cpne5.

Otreotide alleviates pancreatic damage caused by paraquat in rats by reducing inflammatory responses and oxidative stress.

Toxicological impacts of herbicide paraquat dichloride on histological profile (gills, liver, and kidney) of freshwater fish *Channa punctatus* (Bloch).

Waterborne agrichemicals compromise the anti-predatory behavior of zebrafish.

Combined effects of exposure to sub-lethal concentration of the insecticide chlorpyrifos and the herbicide glyphosate on the biochemical changes in the freshwater crayfish *Pontastacus leptodactylus*.

New Lead Discovery of Herbicide Safener for Metolachlor Based on a Scaffold-Hopping Strategy.

Differential effects of pollution on adult and recruits of a canopy-forming alga: implications for population viability under low pollutant levels.

Injury to dopaminergic neurons development via the Lmx1a/Wnt1 autoregulatory loop induced by simazine.

Paraquat induces pulmonary fibrosis through Wnt/ β -catenin signaling pathway and myofibroblast differentiation.

FoxF1 protects rats from paraquat-evoked lung injury following HDAC2 inhibition via the microRNA-342/KLF5/ β /NF- κ B p65 axis.

The dietary risk index system: a tool to track pesticide dietary risks.

Toxicities of Neonicotinoid-Containing Pesticide Mixtures on Nontarget Organisms.

Life-History Traits Response to Effects of Fish Predation (Kairomones), Fipronil and 2,4-D on Neotropical Cladoceran *Ceriodaphnia silvestrii*.

Evaluation of Juvenile Freshwater Mussel Sensitivity to Multiple Forms of Florpyrauxifen-Benzyl.

Chronic exposure of human glioblastoma tumors to low concentrations of a pesticide mixture induced multidrug resistance against chemotherapy agents.

Inhibition of the antioxidant enzyme PRDX1 activity promotes MPP(+)-induced death in differentiated SH-SY5Y cells and may impair its colocalization with eEF1A2.

Knockdown of TLR4 Represses the Paraquat-Induced Neuroinflammation and Microglial M1 Polarization.

Transcriptome analysis of *Penaeus vannamei* hepatopancreas reveals differences in toxicity mechanisms between phoxim and prometryne.

Developmental toxicity of chlorpropham induces pathological changes and vascular irregularities in zebrafish embryos.

The PARK2 Mutation Associated with Parkinson's Disease Enhances the Vulnerability of Peripheral Blood Lymphocytes to Paraquat.

Individual and mixture toxicity of carbofuran and diuron to the protozoan *Paramecium caudatum* and the cladoceran *Ceriodaphnia silvestrii*.

Acrolein-Trapping Mechanism of Theophylline in Green Tea, Coffee, and Cocoa: Speedy and Successful.

Larval pesticide exposure impacts monarch butterfly performance.

Exposure to glyphosate during pregnancy induces neurobehavioral alterations and downregulation of Wnt5a-CaMKII pathway.

Perinatal exposure to glyphosate or a glyphosate-based formulation disrupts hormonal and uterine milieu during the receptive state in rats.

Ovarian mitochondrial and oxidative stress proteins are altered by glyphosate exposure in mice.

Absence of glyphosate-induced effects on ovarian folliculogenesis and steroidogenesis.

Hydrogen sulfide alleviates oxidative stress injury and reduces apoptosis induced by MPP(+) in Parkinson's disease cell model.

Brain alterations in GABA, glutamate and glutamine markers after chronic atrazine exposure in the male albino rat.

Depletion of NK cells attenuates paraquat-induced acute lung injury by manipulating macrophage polarization.

Determination of arsenicals in mouse tissues after simulated exposure to arsenic from rice for sixteen weeks and the effects on histopathological features.

Paraquat increases Interleukin-1 β in hippocampal dentate gyrus to impair hippocampal neurogenesis in adult mice.

Polyps of the Jellyfish *Aurelia aurita* Are Unaffected by Chronic Exposure to a Combination of Pesticides.

Orthotopic foetal lung tissue direct injection into lung showed a preventive effect against paraquat-induced acute lung injury in mice.

[Nursing care of esophagitis dissecans superficialis caused by acute paraquat poisoning].

Chemical and Genetic Zebrafish Models to Define Mechanisms of and Treatments for Dopaminergic Neurodegeneration.

Systemic Paraquat Intoxication Presenting with Peripheral Ulcerative Keratitis: A Case Report and Literature Review.

A Pilot Study to Assess Inhalation Exposures among Sugarcane Workers in Guatemala: Implications for Chronic Kidney Disease of Unknown Origin.

AhR-activating pesticides increase the bovine ABCG2 efflux activity in MDCKII-bABCG2 cells.

Glyphosate-induced Delayed Pyloric Obstruction, Ulcer and Scar Changes.

Effect of zinc supplementation on chronic hepatorenal toxicity following oral exposure to glyphosate-based herbicide (Bushfire[®]) in rats.

Correction to: Response to comments on: Perinatal exposure to a glyphosate-based herbicide impairs female reproductive outcomes and induces second-generation adverse effects in Wistar rats.

The Nrf2-mediated defense mechanism associated with HFE genotype limits vulnerability to oxidative stress-induced toxicity.

Pesticides used in Europe and autism spectrum disorder risk: can novel exposure hypotheses be formulated beyond organophosphates, organochlorines, pyrethroids and carbamates? - A systematic review.

Does pendimethalin develop in pancreatic cancer induced inflammation?

Difficulties in establishing a causal link between chemical exposures and cancer cannot be overcome by court assessments.

Characterization of a Parkinson's disease rat model using an upgraded paraquat exposure paradigm.

Glyphosate and its formulation Roundup impair pig oocyte maturation.

Albumin Protects Lung Cells against Acrolein Cytotoxicity and Acrolein-Adducted Albumin Increases Heme Oxygenase 1 Transcripts.

Combined signaling of NF- κ B and IL-17 contributes to Mesenchymal stem cells-mediated protection for Paraquat-induced acute lung injury.

The MUC5B Mucin Is Involved in Paraquat-Induced Lung Inflammation.

Mitochondria-Associated Degradation Pathway (MAD) Function beyond the Outer Membrane.

Evaluation of buccal damage associated with acute inhalation exposure to 2,4-dichlorophenoxyacetic acid (2,4-D) in mice.

Protective effects of *Lactobacillus fermentum* U-21 against paraquat-induced oxidative stress in *Caenorhabditis elegans* and mouse models.

Influence of strengthened hemoperfusion combined with continuous venovenous hemofiltration on prognosis of patients with acute paraquat poisoning: SHP+CVVH improve prognosis of acute PQ patients.

[Treatment of "hydration therapy" for acute paraquat poisoning].

Changes in thyroid hormone levels and related gene expressions in embryo-larval zebrafish exposed to binary combinations of bifenthrin and acetochlor.

Link between increased cellular senescence and extracellular matrix changes in COPD.

Rapid toxicity assessment of six antifouling booster biocides using a microplate-based chlorophyll fluorescence in *Undaria pinnatifida* gametophytes.

Systems Genetics and Systems Biology Analysis of Paraquat Neurotoxicity in BXD Recombinant Inbred Mice.

Haloxyfop-P-methyl induces developmental defects in zebrafish embryos through oxidative stress and anti-vasculogenesis.

The Effect of Herbicide Formulations and Herbicide-Adjuvant Mixtures on Aquatic Food Web Species of the Sacramento-San Joaquin Delta, California, USA.

Long-term effects of in ovo exposure to an environmentally relevant dose of atrazine on the thyroid gland of *Caiman latirostris*.

The enantioselective enrichment, metabolism, and toxicity of fenoxaprop-ethyl and its metabolites in zebrafish.

Embryotoxicity of atrazine and its degradation products to early life stages of zebrafish (*Danio rerio*).

[Study on the protective effect and mechanism of somatostatin on renal injury in paraquat intoxicated mice].

SSADH Variants Increase Susceptibility of U87 Cells to Mitochondrial Pro-Oxidant Insult.

Control of the neuroprotective Lipocalin Apolipoprotein D expression by alternative promoter regions and differentially expressed mRNA 5' UTR variants.

Agrochemicals and neurogenesis.

Induction of Autophagy by Vasicinone Protects Neural Cells from Mitochondrial Dysfunction and Attenuates Paraquat-Mediated Parkinson's Disease Associated α -Synuclein Levels.

Investigation of simple, objective, and effective indicators for predicting acute paraquat poisoning outcomes.

Increased basal antioxidant levels in RCAN1 - deficient mice lowers oxidative injury after acute paraquat insult.

[Predictive value of early indicators changes in blood test on the prognosis of patients with acute paraquat poisoning].

Exploration of therapeutic role of montelukast and dexamethasone combination against paraquat induced inhalational toxicity.

Osteonecrosis of Femoral Head, An Overlooked Long-Term Complication after Paraquat Intoxication: A Retrospective Cohort Study.

Pterostilbene as a protective antioxidant attenuates diquat-induced liver injury and oxidative stress in 21-day-old broiler chickens.

Glyphosate Induces Metaphase II Oocyte Deterioration and Embryo Damage by Zinc Depletion and Overproduction of Reactive Oxygen Species.

Exposure to inorganic arsenic and its methylated metabolites alters metabolomics profiles in INS-1 832/13 insulinoma cells and isolated pancreatic islets.

Glyphosate induces lymphocyte cell dysfunction and apoptosis via regulation of miR-203 targeting of PIK3R1 in common carp (*Cyprinus carpio* L.).

Accounting for Multiple Comparisons in Statistical Analysis of the Extensive Bioassay Data on Glyphosate.

Cytogenotoxic effect of propanil using the *Lens culinaris* Med and *Allium cepa* L test.

Sub-acute toxicological and behavioural effects of two candidate therapeutics, cinnamaldehyde and eugenol, for treatment of ESBL producing-quinolone resistant pathogenic Enterobacteriaceae.

Exposure to Spectracide[®] causes behavioral deficits in *Drosophila melanogaster*: Insights from locomotor analysis and molecular modeling.

Atrazine induces penis abnormalities including hypospadias in mice.

Maternal glyphosate exposure causes autism-like behaviors in offspring through increased expression of soluble epoxide hydrolase.

[Clinical analysis of 15 cases of acute glufosinate poisoning].

[Effect of bone marrow mesenchymal stem cells on paraquat-induced pulmonary fibrosis in rats].

[The expression of Nrf2 in the lung tissue of rats with acute diquat poisoning and the distribution of diquat in lungs].

Relationship between agrochemical compounds and mammary gland development and breast cancer.

Transgenerational epigenetic effects from male exposure to endocrine-disrupting compounds: a systematic review on research in mammals.

Integrin CD11b mediates locus coeruleus noradrenergic neurodegeneration in a mouse Parkinson's disease model.

Prenatal exposure to glufosinate ammonium disturbs gut microbiome and induces behavioral abnormalities in mice.

Environmental Pollution, Oxidative Stress and Thioretinaco Ozonide: Effects of Glyphosate, Fluoride and Electromagnetic Fields on Mitochondrial Dysfunction in Carcinogenesis, Atherogenesis and Aging.

Dynamic assessment of lung injury by ultrasound in patients with acute paraquat poisoning.

Comparison of the effects of resveratrol and its derivative pterostilbene on hepatic oxidative stress and mitochondrial dysfunction in piglets challenged with diquat.

Correction to: Lack of adverse effects in subchronic and chronic toxicity/carcinogenicity studies on the glyphosate-resistant genetically modified maize NK603 in Wistar Han RCC rats.

Acrolein contributes to urothelial carcinomas in patients with chronic kidney disease.

Effects of Herbicides on Flowering.

Ecotoxicological effects of new C-substituted derivatives of N-phosphonomethylglycine (glyphosate) and their preliminary evaluation towards herbicidal application in agriculture.

Effect of Exposure to Agent Orange on the Risk of Monoclonal Gammopathy and Subsequent Transformation to Multiple Myeloma: A Single-Center Experience From the Veterans Affairs Hospital, Detroit.

Reproductive cycle progression arrest and modification of cell morphology (shape and biovolume) in the alga *Pseudokirchneriella subcapitata* exposed to metolachlor.

Morphometric and proteomic responses of early-life stage rainbow trout (*Oncorhynchus mykiss*) to the aquatic herbicide diquat dibromide.

Pre- and postnatal exposure to glyphosate-based herbicide causes behavioral and cognitive impairments in adult mice: evidence of cortical and hippocampal dysfunction.

The endoplasmic reticulum stress and related signal pathway mediated the glyphosate-induced testosterone synthesis inhibition in TM3 cells.

Sub-chronic exposure to Kalach 360 SL, Glyphosate-based Herbicide, induced bone rarefaction in female Wistar rats.

[One case successfully rescued acute poisoning caused by misadministration of large amount of glufosinate].

Paternal exposure to a common herbicide alters the behavior and serotonergic system of zebrafish offspring.

Serum microRNA profiles among dioxin exposed veterans with monoclonal gammopathy of undetermined significance.

Comparing passive dosing and solvent spiking methods to determine the acute toxic effect of pentachlorophenol on *Daphnia magna*.

Cyclosporine attenuates Paraquat-induced mitophagy and pulmonary fibrosis.

A novel sigma class glutathione S-transferase gene in freshwater planarian *Dugesia japonica*: cloning, characterization and protective effects in herbicide glyphosate stress.

Postnatal zinc or paraquat administration increases paraquat or zinc-induced loss of dopaminergic neurons: insight into augmented neurodegeneration.

Correlation between neutrophil gelatinase-associated lipocalin and soluble CD14 subtype on the prognosis evaluation of acute paraquat poisoning patients.

The Ocular Protective Effects of Nano/Submicron Particles Prepared from *Lycium barbarum* Fruits Against Oxidative Stress in an Animal Model.

Exposure to diclofop-methyl induces cardiac developmental toxicity in zebrafish embryos.

HMGB1 Mediates Paraquat-Induced Neuroinflammatory Responses via Activating RAGE Signaling Pathway.

Toxicity to *Rhinella arenarum* tadpoles (Anura, Bufonidae) of herbicide mixtures commonly used to treat fallow containing resistant weeds: glyphosate-dicamba and glyphosate-flurochloridone.

Biochemical responses and DNA damage induced by herbicide QYR301 in earthworm (*Eisenia fetida*).

To evaluate the toxicity of atrazine on the freshwater microalgae *Chlorella* sp. using sensitive indices indicated by photosynthetic parameters.

Glyphosate-based herbicide exposure during pregnancy and lactation malprograms the male reproductive morphofunction in F1 offspring.

Where ferroptosis inhibitors and paraquat detoxification mechanisms intersect, exploring possible treatment strategies.

Female Guinea Pig Model for Cough Studies and Its Response to Most Common Tussive Substances.

Exposure of the African mound building termite, *Macrotermes bellicosus* workers to commercially formulated 2,4-D and atrazine caused high mortality and impaired locomotor response.

[Clinical analysis of seven cases of acute glufosinate poisoning].

[Autophagic dysfunction contributes to α -synuclein accumulation in dopaminergic neurons induced by paraquat].

Roundup-induced biochemical and histopathological changes in the liver and kidney of rats: the ameliorative effects of *Linum usitatissimum* oil.

Proconvulsant effect of trans-cinnamaldehyde in pentylenetetrazole-induced kindling model of epilepsy: The role of TRPA1 channels.

Acute toxicity assessment of arsenic, chromium and almix 20WP in *Euphyctis cyanophlyctis* tadpoles.

Attenuation of paraquat-induced inflammation by inhibitors of phosphorylation of mitogen-activated protein kinases in BV(2) microglial cells.

Sestrin2 as Serum Protein Marker and Potential Therapeutic Target for Parkinson's Disease.

Acute pesticide poisoning amongst adolescent girls and women in northern Tanzania.

Hyperamylasemia as an early predictor of mortality in patients with acute paraquat poisoning.

Dipteryx alata, a tree native to the Brazilian Cerrado, is sensitive to the herbicide nicosulfuron.

Intranasal glyphosate-based herbicide administration alters the redox balance and the cholinergic system in the mouse brain.

Association of urinary metabolites of organophosphate and pyrethroid insecticides, and phenoxy herbicides with endometriosis.

Soybean isoflavones prevent atrazine-induced neurodegenerative damage by inducing autophagy.

Acrolein-induced apoptosis of smooth muscle cells through NEAT1-Bmal1/Clock pathway and a protection from asparagus extract.

The effects of glyphosate and AMPA on the mediterranean mussel *Mytilus galloprovincialis* and its microbiota.

RNA-seq analysis of testes from flurochloridone-treated rats.

Potential Role of Selenium Against Hepatotoxicity Induced by 2,4-Dichlorophenoxyacetic Acid in Albino Wistar Rats.

Increased severity associated with tallowamine in acute glyphosate poisoning.

Parkinson's Disease in Louisiana, 1999-2012: Based on Hospital Primary Discharge Diagnoses, Incidence, and Risk in Relation to Local Agricultural Crops, Pesticides, and Aquifer Recharge.

Exposure to glyphosate and risk of non-Hodgkin lymphoma and multiple myeloma: an updated meta-analysis.

[CT manifestations and prognosis of acute paraquat induced lung injury].

[The assessment value of urinary NGAL combined with blood NLR in the early prognosis of patients with acute paraquat poisoning].

Glyphosate-based herbicide impairs energy metabolism and increases autophagy in C6 astrogloma cell line.

Human amniotic mesenchymal stem cells alleviate paraquat-induced pulmonary fibrosis in rats by inhibiting the inflammatory response.

2,4-Dichlorophenoxyacetic Thiosemicarbazides as a New Class of Compounds Against Stomach Cancer Potentially Intercalating with DNA.

A comprehensive analysis of the animal carcinogenicity data for glyphosate from chronic exposure rodent carcinogenicity studies.

Toxicology of paraquat and pharmacology of the protective effect of 5-hydroxy-1-methylhydantoin on lung injury caused by paraquat based on metabolomics.

Chronic pesticide mixture exposure including paraquat and respiratory outcomes among Colombian farmers.

Assessment of anilofos-induced mutagenicity in bone marrow and germ cells of Swiss albino mice.

Electrocardiographic abnormalities associated with acute glyphosate toxicity.

Genotoxicity of mixtures of glyphosate with 2,4-dichlorophenoxyacetic acid chemical forms towards *Cnesterodon decemmaculatus* (Pisces, Poeciliidae).

Effects of L-Glufosinate-ammonium and temperature on reproduction controlled by neuroendocrine system in lizard (*Eremias argus*).

Chemical behaviors and toxic effects of ametryn during the UV/chlorine process.

Primary hippocampal estrogenic dysfunction induces synaptic proteins alteration and neuronal cell death after single and repeated paraquat exposure.

Effects of a mixture of low doses of atrazine and benzo[a]pyrene on the rat seminiferous epithelium either during or after the establishment of the blood-testis barrier in the rat seminiferous tubule culture model.

Effects of acrolein in comparison to its prodrug cyclophosphamide on human primary endothelial cells in vitro.

In vitro effects of glyphosate and Roundup on Sertoli cell physiology.

The surfactant polyethoxylated tallowamine (POEA) reduces lifespan and inhibits fecundity in *Drosophila melanogaster*- In vivo and in vitro study.

Hydrogen Sulfide Protects against Paraquat-Induced Acute Liver Injury in Rats by Regulating Oxidative Stress, Mitochondrial Function, and Inflammation.

Seasonal variations in the dose-response relationship of acetylcholinesterase activity in freshwater fish exposed to chlorpyrifos and glyphosate.

Toxic effects of fluridone on early developmental stages of Japanese Medaka (*Oryzias latipes*).

A Biostimulant Obtained from the Seaweed *Ascophyllum nodosum* Protects *Arabidopsis thaliana* from Severe Oxidative Stress.

Evaluation of genotoxicity after acute and chronic exposure to 2,4-dichlorophenoxyacetic acid herbicide (2,4-D) in rodents using machine learning algorithms.

Aberrant miR-219-5p is correlated with TLR4 and serves as a novel biomarker in patients with multiple organ dysfunction syndrome caused by acute paraquat poisoning.

The protective impact of Trans-Cinnamaldehyde (TCA) against the IL-1b induced inflammation in in vitro osteoarthritis model by regulating PI3K/AKT pathways.

Continuous hemoperfusion relieves pulmonary fibrosis in patients with acute mild and moderate paraquat poisoning.

Analysis of microRNA expression profiling during paraquat-induced injury of murine lung alveolar epithelial cells.

Comparative acute toxicity of glyphosate-based herbicide (GBH) to *Daphnia magna*, *Tisbe longicornis*, and *Emerita analoga*.

Secretogranin III upregulation is involved in parkinsonian toxin-mediated astroglia activation.

The herbicide alachlor severely affects photosystem function and photosynthetic gene expression in the marine dinoflagellate *Prorocentrum minimum*.

Morphoanatomical injuries in *Pistia stratiotes* L. (Araceae) as a result of exposure to clomazone in water.

Immunosuppressive drugs to reduce the mortality rate in patients with moderate to severe paraquat poisoning: A Meta-analysis.

Antioxidant studies of citric acid and citrus fruits towards paraquat by cyclic voltammetry: An antidote of paraquat poisoning.

Fetal outcomes after intentional ingestion of paraquat: A case report.

Comment on response from Milesi et al. to 'Perinatal exposure to a glyphosate-based herbicide impairs female reproductive outcomes and induces second-generation adverse effects in Wistar rats'.

Frequently encountered pesticides can cause multiple disorders in developing worker honey bees.

Oxidative stress, histopathological alterations and anti-oxidant capacity in different tissues of largemouth bass (*Micropterus salmoides*) exposed to a newly developed sodium carbonate peroxyhydrate granular algaecide formulated with hydrogen peroxide.

DNA damage in kidney and parenchymal and non-parenchymal liver cells of adult Wistar rats after subchronic oral treatment with tembotrione.

A Synthetic Snake-Venom-Based Tripeptide Protects PC12 Cells from the Neurotoxicity of Acrolein by Improving Axonal Plasticity and Bioenergetics.

Involvement of ADAM10 in acrolein-induced astrocytic inflammation.

Transgene Stacking as Effective Tool for Enhanced Disease Resistance in Plants.

Environmentally relevant atrazine exposures cause DNA damage in cells of the lateral antennules of crayfish (*Faxonius virilis*).

Magnesium supplementation ameliorates toxic effects of 2,4-dichlorophenoxyacetic acid in rat model.

Early Postnatal Exposure to Paraquat and Maneb in Mice Increases Nigrostriatal Dopaminergic Susceptibility to a Re-challenge with the Same Pesticides at Adulthood: Implications for Parkinson's Disease.

Effects of DNA polymerase kappa and mismatch repair on dose-responses of chromosome aberrations induced by three oxidative genotoxins in human cells.

Posterior reversible leukoencephalopathy after cyanamide overdose.

Ischemic stroke disrupts the endothelial glycocalyx through activation of proHPSE via acrolein exposure.

Disease-associated acrolein: A possible diagnostic and therapeutic substrate for in vivo synthetic chemistry.

Protective Effects of Cinnamaldehyde against Mesenteric Ischemia-Reperfusion-Induced Lung and Liver Injuries in Rats.

Evaluation of antifungal activity of cinnamaldehyde against *Cryptococcus neoformans* var. *grubii*.

Anti-Allergic Potential of Cinnamaldehyde via the Inhibitory Effect of Histidine Decarboxylase (HDC) Producing *Klebsiella pneumoniae*.

[Effects of acute paraquat poisoning on cognitive ability in humans].

Natural Cinnamaldehyde and Its Derivatives Ameliorate Neuroinflammatory Pathways in Neurodegenerative Diseases.

Coniferaldehyde ameliorates the lipid and glucose metabolism in palmitic acid-induced HepG2 cells via the LKB1/AMPK signaling pathway.

In vitro and in vivo activity of cinnamaldehyde against *Eimeria kofoidi* in chukar partridge (*Alectoris chukar*).

Anti-hypertensive effect of hydrogen peroxide acting centrally.

Pathological Role of Unsaturated Aldehyde Acrolein in Diabetic Retinopathy.

Endoplasmic reticulum stress-related neuroinflammation and neural stem cells decrease in mice exposure to paraquat.

Analysis of Acrolein Exposure Induced Pulmonary Response in Seven Inbred Mouse Strains and Human Primary Bronchial Epithelial Cells Cultured at Air-Liquid Interface.

Cinnamaldehyde Attenuates the Progression of Rheumatoid Arthritis through Down-Regulation of PI3K/AKT Signaling Pathway.

Apolipoprotein D-mediated preservation of lysosomal function promotes cell survival and delays motor impairment in Niemann-Pick type A disease.

Inhibition of TBK1 by amlexanox attenuates paraquat-induced acute lung injury.

Acrolein Aggravates Secondary Brain Injury After Intracerebral Hemorrhage Through Drp1-Mediated Mitochondrial Oxidative Damage in Mice.

The Use of Genetic and Gene Technologies in Shaping Modern Rapeseed Cultivars (*Brassica napus* L.).

Synthesis of Pyranopyrans Related to Diplopyrone and Evaluation as Antibacterials and Herbicides.

Coniferyl Aldehyde Inhibits the Inflammatory Effects of Leptomeningeal Cells by Suppressing the JAK2 Signaling.

Effects of Cinnamon (*Cinnamomum* spp.) in Dentistry: A Review.

Combination of ellagic acid and trans-cinnamaldehyde alleviates aging-induced cognitive impairment via modulation of mitochondrial function and inflammatory and apoptotic mediators in the prefrontal cortex of aged rats.

The modulatory effects of cinnamaldehyde on uric acid level and IL-6/JAK1/STAT3 signaling as a promising therapeutic strategy against benign prostatic hyperplasia.

Cinnamaldehyde protects against rat intestinal ischemia/reperfusion injuries by synergistic inhibition of NF- κ B and p53.

Combination Therapy with Cinnamaldehyde and Hyperthermia Induces Apoptosis of A549 Non-Small Cell Lung Carcinoma Cells via Regulation of Reactive Oxygen Species and Mitogen-Activated Protein Kinase Family.

Broaden sources and reduce expenditure: Tumor-specific transformable oxidative stress nanoamplifier enabling economized photodynamic therapy for reinforced oxidation therapy.

Combination of Quercetin, Hirudin and Cinnamaldehyde Promotes Schwann Cell Differentiation and Myelination against High Glucose by Inhibiting ERK Signaling Pathway.

Dicamba use and cancer incidence in the agricultural health study: an updated analysis.

Co-hybridized composite nanovesicles for enhanced transdermal eugenol and cinnamaldehyde delivery and their potential efficacy in ulcerative colitis.

Cystitis-Related Bladder Pain Involves ATP-Dependent HMGB1 Release from Macrophages and Its Downstream H(2)S/Ca(v)3.2 Signaling in Mice.

Cinnamaldehyde Ameliorates Vascular Dysfunction in Diabetic Mice by Activating Nrf2.

Lethal diquat poisoning manifesting as central pontine myelinolysis and acute kidney injury: A case report and literature review.

[Therapeutic effect of cinnamaldehyde on ulcerative colitis in mice induced by dextran sulfate sodium with *Candida albicans* colonization and its effect on dectin-1/TLRs/NF- κ B signaling pathway].

In vitro efficacy study of *Cinnamomum zeylanicum* essential oil and cinnamaldehyde against the larval stage of *Echinococcus granulosus*.

Cinnamaldehyde protects against oxidative stress and inhibits the TNF α -induced inflammatory response in human umbilical vein endothelial cells.

Identification of a cytochrome P450 hydroxylase, CYP81E22, as a causative gene for the high sensitivity of soybean to herbicide bentazon.

Trans-Cinnamaldehyde Alleviates Amyloid-Beta Pathogenesis via the SIRT1-PGC1 β -PPAR γ Pathway in 5XFAD Transgenic Mice.

Glyphosate exposure exacerbates the dopaminergic neurotoxicity in the mouse brain after repeated administration of MPTP.

Cardiospecific Overexpression of ATPGD1 (Carnosine Synthase) Increases Histidine Dipeptide Levels and Prevents Myocardial Ischemia Reperfusion Injury.

Occupational Pesticide Use and Risk of Renal Cell Carcinoma in the Agricultural Health Study.

Klotho Alleviates Lung Injury Caused by Paraquat via Suppressing ROS/P38 MAPK-Regulated Inflammatory Responses and Apoptosis.

Topical Delivery of Four Neuroprotective Ingredients by Ethosome-Gel: Synergistic Combination for Treatment of Oxaliplatin-Induced Peripheral Neuropathy.

Cinnamaldehyde Inhibits Inflammation of Human Synoviocyte Cells Through Regulation of Jak/Stat Pathway and Ameliorates Collagen-Induced Arthritis in Rats.

Biogenic selenium nanoparticles synthesized by *Lactobacillus casei* ATCC 393 alleviate diquat-induced intestinal barrier dysfunction in C57BL/6 mice through their antioxidant activity.

Poloxamer 188-mediated anti-inflammatory effect rescues cognitive deficits in paraquat and maneb-induced mouse model of Parkinson's disease.

Rationally Designed Polymer Conjugate for Tumor-Specific Amplification of Oxidative Stress and Boosting Antitumor Immunity.

Weak acidic stable carbazate modified cellulose membranes target for scavenging carbonylated proteins in hemodialysis.

The role of Cinnamaldehyde and Phenyl ethyl alcohol as two types of precipitants affecting protein hydration levels.

Treatment with cinnamaldehyde reduces the visceral adiposity and regulates lipid metabolism, autophagy and endoplasmic reticulum stress in the liver of a rat model of early obesity.

Myelodysplastic syndromes (MDS) occurring in Agent Orange exposed individuals carry a mutational spectrum similar to that of de novo MDS.

Neuro-amelioration of cinnamaldehyde in aluminum-induced Alzheimer's disease rat model.

Glyphosate Excretion is Associated With Steatohepatitis and Advanced Liver Fibrosis in Patients With Fatty Liver Disease.

[Hydrogen water alleviates paraquat-induced lung fibroblast injury in vitro by enhancing Nrf2 expression].

Effects of encapsulated cinnamaldehyde and citral on the performance and cecal microbiota of broilers vaccinated or not vaccinated against coccidiosis.

Sub-chronic oral cinnamaldehyde treatment prevents scopolamine-induced memory retrieval deficit and hippocampal Akt and MAPK dysregulation in male mice.

Use of human neuroblastoma SH-SY5Y cells to evaluate glyphosate-induced effects on oxidative stress, neuronal development and cell death signaling pathways.

Combination of herbal components (curcumin, carvacrol, thymol, cinnamaldehyde) in broiler chicken feed: Impacts on response parameters, performance, fatty acid profiles, meat quality and control of coccidia and bacteria.

Assessing acrolein for determination of the severity of brain stroke, dementia, renal failure, and Sjögren's syndrome.

trans-Cinnamaldehyde Prevents Oxidative Stress-Induced Apoptosis in V79-4 Chinese Hamster Lung Fibroblasts through the Nrf2-Mediated HO-1 Activation.

Transmission Electron Microscopy and Morphometry of the CNS White Matter.

Coniferaldehyde attenuates Alzheimer's pathology via activation of Nrf2 and its targets.

Aldehyde Dehydrogenase Inhibition Ameliorates Cardiac Dysfunction and Exacerbates Hypotension Caused by Alcohol in Female Rats.

Glyphosate exposures and kidney injury biomarkers in infants and young children.

Phoneutria toxin PnTx3-5 inhibits TRPV1 channel with antinociceptive action in an orofacial pain model.

Acrolein is involved in ischemic stroke-induced neurotoxicity through spermidine/spermine-N1-acetyltransferase activation.

Cinnamon extract inhibits allergen-specific immune responses in human and murine allergy models.

Cinnamaldehyde Analogs: Docking Based Optimization, COX-2 Inhibitory In Vivo and In Vitro Studies.

Docking Prediction, Antifungal Activity, Anti-Biofilm Effects on *Candida* spp., and Toxicity against Human Cells of Cinnamaldehyde.

Trapping Acrolein by Theophylline/Caffeine and Their Metabolites from Green Tea and Coffee in Mice and Humans.

Use of low-molecular-weight heparin in severe paraquat poisoning: a case report.

Toxicity Changes of Heavily Polluted River Sediments on *Daphnia magna* Before and After Dredging.

A retrospective analysis reveals a predictor of survival for the patient with paraquat intoxication.

Pterocarpus mildbraedii (Harms) extract resolves propanil-induced hepatic injury via repression of inflammatory stress responses in Wistar rats.

Dicamba elevates concentrations of S-adenosyl methionine but does not induce oxidative stress or alter DNA methylation in rainbow trout (*Oncorhynchus mykiss*) hepatocytes.

[NEURO-HUMORAL DISORDERS OF THE ADAPTATION SYSTEM UNDER THE ACTION OF CERTAIN CLASSES OF PESTICIDES].

Strategies of cellular energy allocation to cope with paraquat-induced oxidative stress: Chironomids vs Planarians and the importance of using different species.

Proteomic signatures of acute oxidative stress response to paraquat in the mouse heart.

Presence and risk assessment of herbicides in the marine environment of Camps Bay (Cape Town, South Africa).

Metabolic profiling of rats poisoned with paraquat and treated with Xuebijing using a UPLC-QTOF-MS/MS metabolomics approach.

Cytotoxicity and hormonal activity of glyphosate-based herbicides.

Dysregulation of prostaglandine E2 and BDNF signaling mediated by estrogenic dysfunction induces primary hippocampal neuronal cell death after single and repeated paraquat treatment.

Safening activity and metabolism of the safener cyprosulfamide in maize and wheat.

Dimethylarsinic acid is the causal agent inducing rice straighthead disease.

Anti-Inflammatory Activity and ROS Regulation Effect of Sinapaldehyde in LPS-Stimulated RAW 264.7 Macrophages.

Sub-lethal toxicity assessment of the phenylurea herbicide linuron in developing zebrafish (*Danio rerio*) embryo/larvae.

Herbicide biomonitoring in agricultural workers in Valle del Mayo, Sonora Mexico.

Suppression of water-bloom cyanobacterium *Microcystis aeruginosa* by algaecide hydrogen peroxide maximized through programmed cell death.

Protective effects of paeoniflorin on acrolein-induced apoptosis in H9c2 cardiomyocytes.

Understanding the Functional Impact of VOC-Ozone Mixtures on the Chemistry of RNA in Epithelial Lung Cells.

Meta-analysis of the efficacy of Xuebijing combined with hemoperfusion in treating paraquat poisoning.

Effects of quercetin loaded nanostructured lipid carriers on the paraquat-induced toxicity in human lymphocytes.

The quick and the dead: a new model for the essential role of ABA accumulation in synthetic auxin herbicide mode of action.

Transcriptomics in *Erigeron canadensis* reveals rapid photosynthetic and hormonal responses to auxin herbicide application.

Ecological risk assessment of glyphosate in surface water when it is used to control floating aquatic macrophytes.

[Efficacy of hemoperfusion combined with continuous veno-venous hemofiltration on the treatment of paraquat poisoning: a Meta-analysis].

Can environmental concentrations of glyphosate affect survival and cause malformation in amphibians? Effects from a glyphosate-based herbicide on *Physalaemus cuvieri* and *P. gracilis* (Anura: Leptodactylidae).

Impaired pesticide removal and detoxification by biomixtures during the simulated pesticide application cycle of a tropical agricultural system.

Chronic exposure to glyphosate induces transcriptional changes in honey bee larva: A toxicogenomic study.

Determination of acute oral toxicity of glyphosate isopropylamine salt in rats.

Disruption of cytochrome P450 enzymes in the liver and small intestine in chicken embryos in ovo exposed to glyphosate.

Low-dose Roundup induces developmental toxicity in bovine preimplantation embryos in vitro.

Supramolecular Hunter Stationed on Red Blood Cells for Detoxification Based on Specific Molecular Recognition.

Combined cell death of co-exposure to aldehyde mixtures on human bronchial epithelial BEAS-2B cells: Molecular insights into the joint action.

Influence of eco-friendly phytotoxic metabolites from *Lasiodiplodia pseudotheobromae* C1136 on physiological, biochemical, and ultrastructural changes on tested weeds.

Honeybee and consumer's exposure and risk characterisation to glyphosate-based herbicide (GBH) and its degradation product (AMPA): Residues in beebread, wax, and honey.

Do trifluralin and tebuthiuron impair isolated rat liver mitochondria?

Hepatoprotective role of berberine against paraquat-induced liver toxicity in rat.

Dissipation of Pendimethalin in Soil Under Direct Seeded and Transplanted Rice Field.

Maternal and Fetal Blood Pharmacokinetics and Organ Distribution of Atrazine, Propazine, Simazine, and Their Metabolites in Pregnant Rats After Chronic Oral Administration.

Do you smell the danger? Effects of three commonly used pesticides on the olfactory-mediated antipredator response of zebrafish (*Danio rerio*).

Modification of HDL by reactive aldehydes alters select cardioprotective functions of HDL in macrophages.

Rapamycin attenuates the paraquat-induced pulmonary fibrosis through activating Nrf2 pathway.

Utilization of GC-MS untargeted metabolomics to assess the delayed response of glufosinate treatment of transgenic herbicide resistant (HR) buffalo grasses (*Stenotaphrum secundatum* L.).

Acid-sensitive oxidative stress inducing and photoabsorbing polysaccharide nanoparticles for combinational anticancer therapy.

Loss of CNDP causes a shorter lifespan and higher sensitivity to oxidative stress in *Drosophila melanogaster*.

Cinnamaldehyde Enhanced Functional Recovery after Sciatic Nerve Crush Injury in Rats.

Disease Profile of Paraquat Poisoning: Andaman and Nicobar experiences (Indian Islands) - DP3 study.

Levothyroxine Therapy in Thyroidectomized Patients.

The Aryl Hydrocarbon Receptor in Energy Balance: The Road from Dioxin-Induced Wasting Syndrome to Combating Obesity with Ahr Ligands.

AggreCount: an unbiased image analysis tool for identifying and quantifying cellular aggregates in a spatially defined manner.

AhR Activation Leads to Alterations in the Gut Microbiome with Consequent Effect on Induction of Myeloid Derived Suppressor Cells in a CXCR2-Dependent Manner.

Long-term spatial tracking of cells affected by environmental insults.

Gestational arsenic exposure and paternal intergenerational epigenetic inheritance.

Comparison between Iberet Folic(®) and Zincofer(®) in treatment of iron deficiency anaemia in pregnancy.

The Impact of Low-Level Iron Supplements on the Faecal Microbiota of Irritable Bowel Syndrome and Healthy Donors Using In Vitro Batch Cultures.

The carcinogenicity of pesticides used in New Zealand.

Arsenic compounds activate the MAPK and caspase pathways to induce apoptosis in OECM1 gingival epidermal carcinoma.

Female mice exposed to low doses of dioxin during pregnancy and lactation have increased susceptibility to diet-induced obesity and diabetes.

Comparative efficacy of Nano and Bulk Monoisomyl DMSA against arsenic-induced neurotoxicity in rats.

miR-200 family expression during normal and abnormal lung development due to congenital diaphragmatic hernia at the later embryonic stage in the nitrofen rat model.

ALS-Linked Mutant SOD1 Associates with TIA-1 and Alters Stress Granule Dynamics.

The ubiquitination and acetylation of histones are associated with male reproductive disorders induced by chronic exposure to arsenite.

Aryl hydrocarbon receptor (AHR)-mediated inflammation and resolution: Non-genomic and genomic signaling.

Pesticide use and incident Parkinson's disease in a cohort of farmers and their spouses.

Catechol protects against iron-mediated oxidative brain injury by restoring antioxidative metabolic pathways; and modulation of purinergic and cholinergic enzymes activities.

Epigenetic effects of low-level sodium arsenite exposure on human liver HepaRG cells.

Ferritin readings in young adult, female university student recreational runners.

Histone demethylase JHDM2A regulates H3K9 dimethylation in response to arsenic-induced DNA damage and repair in normal human liver cells.

Exposure to Endocrine Disrupting Chemicals and Risk of Breast Cancer.

An LC-MS/MS analytical method for the determination of uremic toxins in patients with end-stage renal disease.

Anti-Tumor Effects of Sodium Meta-Arsenite in Glioblastoma Cells with Higher Akt Activities.

Effects of Fecal Microbiota Transplantation on Composition in Mice with CKD.

Study on association between shear wave elastography parameters and clinicopathological characteristics in breast cancer: A protocol for systematic review.

Increased photoinactivation stress tolerance of *Streptococcus agalactiae* upon consecutive sublethal phototreatments.

Selenoprotein V protects against endoplasmic reticulum stress and oxidative injury induced by pro-oxidants.

Integrative transcriptomics and metabolomics explore the mechanism of kaempferol on improving nonalcoholic steatohepatitis.

A universal dual mechanism immunotherapy for the treatment of influenza virus infections.

4E-BP1 Protects Neurons from Misfolded Protein Stress and Parkinson's Disease Toxicity by Inducing the Mitochondrial Unfolded Protein Response.

Randomized, Placebo-Controlled Trial of Rifaximin Therapy for Lowering Gut-Derived Cardiovascular Toxins and Inflammation in CKD.

Polyphenol-rich fraction of *Alchornea cordifolia* leaf ameliorates arsenite-induced infertility in male rats.

Cenobamate (XCOPRI): Can preclinical and clinical evidence provide insight into its mechanism of action?

Toxin-Induced Parkinsonism.

Evaluation of the effectiveness of valproic acid for treating cyanotic breath holding spells: A Pilot prospective study.

Chronic stress induces formation of stress granules and pathological TDP-43 aggregates in human ALS fibroblasts and iPSC-motoneurons.

Weight of Evidence and Human Relevance Evaluation of the Benfluralin Mode of Action in Rats (Part II): Thyroid carcinogenesis.

Weight of evidence and human relevance evaluation of the benfluralin mode of action in rodents (Part I): Liver carcinogenesis.

Metabolic and Hematological Responses to Endotoxin-Induced Inflammation in Chicks Experiencing Embryonic 2,3,7,8-Tetrachlorodibenzodioxin Exposure.

Levels of polychlorinated biphenyls and organochlorine pesticides in donkey milk: Correlation with the infection level by intestinal strongyles.

Nephroprotective effects of chlorogenic acid against sodium arsenite-induced oxidative stress, inflammation, and apoptosis.

Thymoquinone protection against 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin induced nephrotoxicity in rats.

Quercetin may repair the impaired oxidant-antioxidant balance in 1, 2, 3, 4-tetrachlorodibenzo-p-dioxin induced cardiac injury in male rats.

Serum indoxyl sulfate concentrations associate with progression of chronic kidney disease in children.

From Suppressor T cells to Regulatory T cells: How the Journey That Began with the Discovery of the Toxic Effects of TCDD Led to Better Understanding of the Role of AhR in Immunoregulation.

High-Resolution Respirometry Reveals MPP(+) Mitochondrial Toxicity Mechanism in a Cellular Model of Parkinson's Disease.

Distinct Fecal and Plasma Metabolites in Children with Autism Spectrum Disorders and Their Modulation after Microbiota Transfer Therapy.

Inflammation response after the cessation of chronic arsenic exposure and post-treatment of natural astaxanthin in liver: potential role of cytokine-mediated cell-cell interactions.

Knockdown of CK2 $\hat{\pm}$ reduces P-cresol-induced fibrosis in human renal proximal tubule epithelial cells via the downregulation of profilin-1.

[Omphalomesenteric fistulas; epidemiological diagnostic and therapeutic features: study of four cases in the Department of Pediatric Surgery at the Aristide Le Dantec University Hospital in Dakar].

Comparison of the biological behaviors of palatal mesenchymal and epithelial cells induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in vitro.

A competence of embryo-derived tissues of tetraploid cultivated wheat species *Triticum dicoccum* and *Triticum timopheevii* for efficient and stable transgenesis mediated by particle inflow gun.

Boron improves cardiac contractility and fibrotic remodeling following myocardial infarction injury.

Autophagy mediates bronchial cell malignant transformation induced by chronic arsenic exposure via MEK/ERK1/2 pathway.

Interactions of arsenic metabolism with arsenic exposure and individual factors on diabetes occurrence: Baseline findings from Arsenic and Non-Communicable disease cohort (AsNCD) in China.

Mechanisms and pathogenesis underlying environmental chemical-induced necroptosis.

Evaluation of ameliorative effect of two selected plant drugs on experimentally induced arsenic toxicity in sheep.

Developmental 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure of either parent enhances the risk of necrotizing enterocolitis in neonatal mice.

A metabolomics approach to investigate urine levels of neurotransmitters and related metabolites in autistic children.

Exposure to Oxadiazon-Butachlor causes cardiac toxicity in zebrafish embryos.

In vitro propagation of three mosaic disease resistant cassava cultivars.

Effects of p-Cresol on Senescence, Survival, Inflammation, and Odontoblast Differentiation in Canine Dental Pulp Stem Cells.

Protein arginine methyltransferase-1 stimulates dopaminergic neuronal cell death in a Parkinson's disease model.

Arsenic induces dose-dependent structural and ultrastructural pathological remodeling in the heart of Wistar rats.

p-Cresol Sulfate Caused Behavior Disorders and Neurodegeneration in Mice with Unilateral Nephrectomy Involving Oxidative Stress and Neuroinflammation.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) dysregulates hepatic one carbon metabolism during the progression of steatosis to steatohepatitis with fibrosis in mice.

A Parkinson's disease CircRNAs Resource reveals a link between circSLC8A1 and oxidative stress.

Effect of Ferric Citrate versus Ferrous Sulfate on Iron and Phosphate Parameters in Patients with Iron Deficiency and CKD: A Randomized Trial.

The Succession of Flies of Forensic Importance Is Influenced by Volatiles Organic Compounds Emitted During the First Hours of Decomposition of Chicken Remains.

In-vitro testing of bacteriostatic and bactericidal efficacy of commercial disinfectants against *Salmonella* *Infantis* reveals substantial differences between products and bacterial strains.

Treatment of maternal anemia by using oral iron drugs combined with diet therapy.

Investigation of the biochemical and apoptotic changes in breast cancer cells treated with leaf extract from tea (*Camellia sinensis* L.) grown with added boric acid.

Teleost Model as an Alternative in Parkinson's Disease.

Guideline No. 405: Screening and Counselling for Alcohol Consumption During Pregnancy.

Rapid and visual detection of novel astroviruses causing fatal gout in goslings using one-step reverse transcription loop-mediated isothermal amplification.

Phase I clinical trial of KML001 monotherapy in patients with advanced solid tumors.

Optimization of the spontaneous tail coiling test for fast assessment of neurotoxic effects in the zebrafish embryo using an automated workflow in KNIME®.

Acute Consumption of Prebiotic Galacto-Oligosaccharides Increases Iron Absorption from Ferrous Fumarate, but not from Ferrous Sulfate and Ferric Pyrophosphate: Stable Iron Isotope Studies in Iron-Depleted Young Women.

Association of Serum Indoxyl Sulfate Levels with Skeletal Muscle Mass and Strength in Chronic Hemodialysis Patients: A 2-year Longitudinal Analysis.

Extracellular vesicles influence the pulmonary arterial extracellular matrix in congenital diaphragmatic hernia.

Cancer incidence in the vicinity of a waste incineration plant in the Nice area between 2005 and 2014.

Rosa persica hydroalcoholic extract improves cadmium-hepatotoxicity by modulating oxidative damage and tumor necrosis factor-alpha status.

Evaluation of the Aryl Hydrocarbon Receptor Response in LMH 3D Spheroids.

Blood vessels are primary targets for 2,3,7,8-tetrachlorodibenzo-p-dioxin in pre-cardiac edema formation in larval zebrafish.

In vitro study of pharmacobezoar formation in simulated acetaminophen overdose.

Influence of Resveratrol on the Cardiovascular Health Effects of Chronic Kidney Disease.

Evolution in crop improvement approaches and future prospects of molecular markers to CRISPR/Cas9 system.

Impaired Tubular Secretion of Organic Solutes in Acute Kidney Injury.

Effects of 2,3,7,8-Tetrachlorodibenzo-p-dioxin on T Cell Differentiation in Primary Biliary Cholangitis.

[Effects and mechanism of mitochondrial transcription factor A and cytochrome c oxidase pathway in the energy production of hypoxic cardiomyocytes of rats regulated by tumor necrosis factor receptor associated protein 1].

Pycnogenol(®) Supplementation Attenuates Memory Deficits and Protects Hippocampal CA1 Pyramidal Neurons via Antioxidative Role in a Gerbil Model of Transient Forebrain Ischemia.

Is untargeted iron supplementation harmful when iron deficiency is not the major cause of anaemia? Study protocol for a double-blind, randomised controlled trial among non-pregnant Cambodian women.

Synthesis and biological evaluation of thioadatsenin and its dialkylated products as partial 5-HT_{1A} agonists and 5-HT_{2A} antagonists for potential use in depression and anxiety disorders.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and Polychlorinated Biphenyl Coexposure Alters the Expression Profile of MicroRNAs in the Liver Associated with Atherosclerosis.

TCDD promotes liver fibrosis through disordering systemic and hepatic iron homeostasis.

Coupling of translation quality control and mRNA targeting to stress granules.

Gestational dioxin exposure suppresses prolactin-stimulated nursing in lactating dam rats to impair development of postnatal offspring.

Aryl hydrocarbon receptor (AHR) functions: Balancing opposing processes including inflammatory reactions.

Single-cell RNA-seq Analysis Reveals That Prenatal Arsenic Exposure Results in Long-term, Adverse Effects on Immune Gene Expression in Response to Influenza A Infection.

Extracellular Vesicles Attenuate Nitrofen-Mediated Human Pulmonary Artery Endothelial Dysfunction: Implications for Congenital Diaphragmatic Hernia.

In utero exposure to arsenite contributes to metabolic and reproductive dysfunction in male offspring of CD-1 mice.

Effect of sucroferic oxyhydroxide on gastrointestinal microbiome and uremic toxins in patients with chronic kidney disease undergoing hemodialysis.

Longitudinal metabolic and gut bacterial profiling of pregnant women with previous bariatric surgery.

Impact of pesticide exposure on adipose tissue development and function.

Melatonin Suppresses Renal Cortical Fibrosis by Inhibiting Cytoskeleton Reorganization and Mitochondrial Dysfunction through Regulation of miR-4516.

Scavenging Intracellular ROS Attenuates p-Cresyl Sulfate-Triggered Osteogenesis through MAPK Signaling Pathway and NF- κ B Activation in Human Arterial Smooth Muscle Cells.

Characterization of a multicenter pediatric-hydrocephalus shunt biobank.

Occupational Exposure to Pesticides and Chronic Lymphocytic Leukaemia in the MCC-Spain Study.

Efficacy of a High-Iron Dietary Intervention in Women with Celiac Disease and Iron Deficiency without Anemia: A Clinical Trial.

AHR is a tunable knob that controls HTLV-1 latency-reactivation switching.

Wheat flour fortification with iron for reducing anaemia and improving iron status in populations.

Vitamin B12 and folic acid alleviate symptoms of nutritional deficiency by antagonizing aryl hydrocarbon receptor.

A comprehensive analysis of AHRR gene as a candidate for cleft lip with or without cleft palate.

2,6-Diisobornyl-4-Methylphenol Reduces Postischemic Myocardium Remodeling in Delayed Period after Ischemia/Reperfusion in Rats.

Effects of agrochemical pollution on schistosomiasis transmission: a systematic review and modelling analysis.

A rapid novel visualized loop-mediated isothermal amplification method for Salmonella detection targeting at fimW gene.

Environmental Toxic Exposures Using Companion Animals as an Indicator of Human Toxicity: A Case Report and Discussion.

High Prevalence of Iron Deficiency Despite Standardized High-Dose Iron Supplementation During Recombinant Erythropoietin Therapy in Extremely Low Gestational Age Newborns.

Capsaicinoid nonivamide improves nonalcoholic fatty liver disease in rats fed a high-fat diet.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) alters hepatic polyunsaturated fatty acid metabolism and eicosanoid biosynthesis in female Sprague-Dawley rats.

Microbiota Composition and Metabolism Are Associated With Gut Function in Parkinson's Disease.

Protocol for a systematic review and meta-analysis of human exposure to pesticide residues in honey and other bees' products.

Leucine-rich repeat kinase-2 (LRRK2) modulates microglial phenotype and dopaminergic neurodegeneration.

Ferrous sulfate oral solution in young children with iron deficiency anemia: An open-label trial of efficacy, safety, and acceptability.

Maternal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin suppresses male reproductive functions in their adulthood.

Role of endothelial microvesicles released by p-cresol on endothelial dysfunction.

Marrubium vulgare L.: A Phytochemical and Pharmacological Overview.

Antimicrobial Efficacy of Pelargonic Acid Micelles against Salmonella varies by Surfactant, Serotype and Stress Response.

Cross-crop resistance of Spodoptera frugiperda selected on Bt maize to genetically-modified soybean expressing Cry1Ac and Cry1F proteins in Brazil.

Uremic Toxins and Vascular Dysfunction.

Therapeutic Targeting of Aristolochic Acid Induced Uremic Toxin Retention, SMAD 2/3 and JNK/ERK Pathways in Tubulointerstitial Fibrosis: Nephroprotective Role of Propolis in Chronic Kidney Disease.

Randomized phase 2 study of adjunctive cenobamate in patients with uncontrolled focal seizures.

Arsenic intoxication: general aspects and chelating agents.

Gut microbiota generation of protein-bound uremic toxins and related metabolites is not altered at different stages of chronic kidney disease.

Volatile Organic Compounds of Endophytic Burkholderia pyrrocinia Strain JK-SH007 Promote Disease Resistance in Poplar.

Associations between functional polychlorinated biphenyls in adipose tissues and prognostic biomarkers of breast cancer patients.

Overexpression of miR-455-5p affects retinol (vitamin A) absorption by downregulating STRA6 in a nitrofen-induced CDH with lung hypoplasia rat model.

Phenotypic traits of Burkholderia spp. associated with ecological adaptation and plant-host interaction.

Prebiotic inulin consumption reduces dioxin-like PCB 126-mediated hepatotoxicity and gut dysbiosis in hyperlipidemic Ldlr deficient mice.

Therapeutic potential of aryl hydrocarbon receptor ligands derived from natural products in rheumatoid arthritis.

Black urine due to cresol intoxication.

Low Doses of Arsenic in a Mouse Model of Human Exposure and in Neuronal Culture Lead to S-Nitrosylation of Synaptic Proteins and Apoptosis via Nitric Oxide.

Oct4 plays a role in 2, 3, 7, 8 - tetrachlorobenzo-p-dioxin (TCDD) inducing cleft palate and inhibiting mesenchymal proliferation.

Small molecule proteomics quantifies differences between normal and fibrotic pulmonary extracellular matrices.

Toxoplasma gondii requires its plant-like heme biosynthesis pathway for infection.

Aryl Hydrocarbon Receptor-Dependent inductions of omega-3 and omega-6 polyunsaturated fatty acid metabolism act inversely on tumor progression.

Eckol from Ecklonia cava Suppresses Immunoglobulin E-mediated Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice.

Effects of the oral adsorbent AST-120 on fecal p-cresol and indole levels and on the gut microbiota composition.

Chronic Kidney Disease-Associated Immune Dysfunctions: Impact of Protein-Bound Uremic Retention Solutes on Immune Cells.

Chronic Systemic Exposure to Low-Dose Rotenone Induced Central and Peripheral Neuropathology and Motor Deficits in Mice: Reproducible Animal Model of Parkinson's Disease.

A Prospective, Randomized, Interventional Study of Oral Iron Supplementation Comparing Daily Dose with Alternate Day Regimen Using Hepcidin as a Biomarker in Iron Deficiency Anemia.

Human Induced Pluripotent Stem Cell-Derived 3D-Neurospheres are Suitable for Neurotoxicity Screening.

Sonodynamically-induced Anticancer Effects of Polyethylene Glycol-Modified Carbon Nano Tubes.

Quantification of microbiota-related phenols and aromatic acids in mouse feces of a diabetic nephropathy model by simultaneous BDAPE derivatization using ultra-performance liquid chromatography-tandem mass spectrometry.

Genomic data reveal international lineages of critical priority *Escherichia coli* harbouring wide resistome in Andean condors (*Vultur gryphus* Linnaeus, 1758).

The role of PSMB5 in sodium arsenite-induced oxidative stress in L-02 cells.

Transgenerational epigenetic and transcriptomic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in rat.

Arsenic Exposure Decreases Adiposity During High-Fat Feeding.

Iron pill-induced duodenitis: A distinct pattern of duodenal mucosal injury in a patient with a duodenal mass.

Identification of environmental chemicals targeting miscarriage genes and pathways using the comparative toxicogenomics database.

A murine model of *Staphylococcus aureus* infected chronic diabetic wound: A new tool to develop alternative therapeutics.

Death of an apprentice bodybuilder following 2,4-dinitrophenol and clenbuterol intake.

2,4-Dinitrophenol exposures and deaths in Australia after the 2017 up-scheduling.

Prenatal pesticide exposure and childhood leukemia - A California statewide case-control study.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on spontaneous movement of human neuroblastoma cells.

Delayed iron improves iron status without altering malaria risk in severe malarial anemia.

Identification and characterization of differentially expressed lncRNA in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cleft palate.

Role of Metallothionein-1 and Metallothionein-2 in the Neuroprotective Mechanism of Sevoflurane Preconditioning in Mice.

Inulin-type fructan intervention restricts the increase in gut microbiome-generated indole in patients with peritoneal dialysis: a randomized crossover study.

Low concentrations of sodium arsenite induce hepatotoxicity in prepubertal male rats.

Iron absorption from supplements is greater with alternate day than with consecutive day dosing in iron-deficient anemic women.

Urine metabolomic analysis in clear cell and papillary renal cell carcinoma: A pilot study.

Applying mass spectrometry-based assays to explore gut microbial metabolism and associations with disease.

Streptococcal H₂O₂ inhibits IgE-triggered degranulation of RBL-2H3 mast cell/basophil cell line by inducing cell death.

Dimethyl disulfide exerts antifungal activity against *Sclerotinia minor* by damaging its membrane and induces systemic resistance in host plants.

Demyelination associated with chronic arsenic exposure in Wistar rats.

Gut-Derived Metabolites and Their Role in Immune Dysfunction in Chronic Kidney Disease.

A combination of monosodium glutamate and high-fat and high-fructose diets increases the risk of kidney injury, gut dysbiosis and host-microbial co-metabolism.

COVID-19: Hygiene and Public Health to the front.

Historical Perspective: Models of Parkinson's Disease.

Fractional iron absorption from enteric-coated ferrous sulphate tablet.

Research Note: Evaluation of dietary administration of sodium chlorate and sodium nitrate for *Histomonas meleagridis* prophylaxis in turkeys.

Lactobacillus salivarius BP121 prevents cisplatin-induced acute kidney injury by inhibition of uremic toxins such as indoxyl sulfate and p-cresol sulfate via alleviating dysbiosis.

Polymorphisms in arsenic (+³ oxidation state) methyltransferase (AS3MT) predict the occurrence of hyperleukocytosis and arsenic metabolism in APL patients treated with As₂O₃.

Diet aid or aid to die: an update on 2,4-dinitrophenol (2,4-DNP) use as a weight-loss product.

Arsenic and benzo[a]pyrene co-exposure acts synergistically in inducing cancer stem cell-like property and tumorigenesis by epigenetically down-regulating SOCS3 expression.

Association between prenatal arsenic exposure, birth outcomes, and pregnancy complications: An observational study within the National Children's Study cohort.

Embelin impact on paraquat-induced lung injury through suppressing oxidative stress, inflammatory cascade, and MAPK/NF- κ B signaling pathway.

Occupational exposures and odds of gastric cancer: a StoP project consortium pooled analysis.

Combined toxicity of imidacloprid, acetochlor, and tebuconazole to zebrafish (*Danio rerio*): acute toxicity and hepatotoxicity assessment.

Dioxin and endometriosis: a new possible relation based on epigenetic theory.

The association between pesticide use and cutaneous melanoma: a systematic review and meta-analysis.

The P5-type ATPase Spf1 is required for development and virulence of the rice blast fungus *Pyricularia oryzae*.

Genetically modified crops: current status and future prospects.

Role of Aryl Hydrocarbon Receptor Activation and Autophagy in Psoriasis-Related Inflammation.

Composition-based prediction and rational manipulation of prion-like domain recruitment to stress granules.

The anti-inflammatory effect of omega-3 polyunsaturated fatty acids dramatically decreases by iron in the hippocampus of diabetic rats.

2,4-Dichlorophenol induces feminization of zebrafish (*Danio rerio*) via DNA methylation.

Isolation and Quantification of Uremic Toxin Precursor-Generating Gut Bacteria in Chronic Kidney Disease Patients.

Effect of fatty fish or nut consumption on concentrations of persistent organic pollutants in overweight or obese men and women: A randomized controlled clinical trial.

Pesticide exposure and risk of aggressive prostate cancer among private pesticide applicators.

A Case of a 15-Month-Old With Periorbital Edema and Severe Anemia.

Nucleation and kinetics of SOD1 aggregation in human cells for ALS1.

M2-like polarization of THP-1 monocyte-derived macrophages under chronic iron overload.

Nicotine exposure potentiates lung tumorigenesis by perturbing cellular surveillance.

Monitoring oral iron therapy in children with iron deficiency anemia: an observational, prospective, multicenter study of AIEOP patients (Associazione Italiana Emato-Oncologia Pediatrica).

Temporal and tissue-specific activation of aryl hydrocarbon receptor in discrete mouse models of kidney disease.

Dose addition in chemical mixtures inducing craniofacial malformations in zebrafish (*Danio rerio*) embryos.

Randomized, Placebo-Controlled Trial of Ferrous Sulfate to Treat Insomnia in Children With Autism Spectrum Disorders.

Is 1,8-Cineole-Rich Extract of Small Cardamom Seeds More Effective in Preventing Alzheimer's Disease than 1,8-Cineole Alone?

Cytochrome P450 1A2 activity and incidence of thyroid disease and cancer after chronic or acute exposure to dioxins.

Preliminary Results, Perspectives, and Proposal for a Screening Method of In Vitro Susceptibility of Prototheca Species to Antimicrotubular Agents.

The impaired redox balance in peroxisomes of catalase knockout mice accelerates nonalcoholic fatty liver disease through endoplasmic reticulum stress.

Characterization of Glyceollins as Novel Aryl Hydrocarbon Receptor Ligands and Their Role in Cell Migration.

The Natural Metabolite 4-Cresol Improves Glucose Homeostasis and Enhances β^2 -Cell Function.

A Comparison of Potential Azide Antidotes in a Mouse Model.

Antioxidative and antiapoptosis: Neuroprotective effects of dauricine in Alzheimer's disease models.

Parental occupational exposure to pesticides, animals and organic dust and risk of childhood leukemia and central nervous system tumors: Findings from the International Childhood Cancer Cohort Consortium (I4C).

CharXgen-Activated Bamboo Charcoal Encapsulated in Sodium Alginate Microsphere as the Absorbent of Uremic Toxins to Retard Kidney Function Deterioration.

Evidence Implicating Non-Dioxin-Like Congeners as the Key Mediators of Polychlorinated Biphenyl (PCB) Developmental Neurotoxicity.

Evolution-guided discovery of antibiotics that inhibit peptidoglycan remodelling.

Simple and visible detection of duck hepatitis B virus in ducks and geese using loop-mediated isothermal amplification.

Association of Maternal Exposure to Persistent Organic Pollutants in Early Pregnancy With Fetal Growth.

Improving the clearance of protein-bound uremic toxins using cationic liposomes as an adsorbent in dialysate.

Prenatal exposure to the pesticide metam sodium induces sensorimotor and neurobehavioral abnormalities in mice offspring.

Chlorogenic acid prevents hepatotoxicity in arsenic-treated mice: role of oxidative stress and apoptosis.

Prenatal exposure to glycol ethers and response inhibition in 6-year-old children: The PELAGIE cohort study.

Longitudinal association of biomarkers of pesticide exposure with cardiovascular disease risk factors in youth with diabetes.

Congenital diaphragmatic hernia as a potential target for transamniotic stem cell therapy.

Cecal Tumorigenesis in Aryl Hydrocarbon Receptor-Deficient Mice Depends on Cecum-Specific Mitogen-Activated Protein Kinase Pathway Activation and Inflammation.

Higher cerebrospinal fluid to plasma ratio of p-cresol sulfate and indoxyl sulfate in patients with Parkinson's disease.

Reproductive disorders in female rats after prenatal exposure to sodium arsenite.

Understanding ligands driven mechanism of wild and mutant aryl hydrocarbon receptor in presence of phytochemicals combating Parkinson's disease: an in silico and in vivo study.

Tagetnoic acid, a new lipoxygenase inhibitor peroxy fatty acid from *Tagetes minuta* growing in Saudi Arabia.

Clinical and Lifestyle Factors and Risk of Amyotrophic Lateral Sclerosis: A Population-Based Case-Control Study.

Ginseng protein protects against mitochondrial dysfunction and neurodegeneration by inducing mitochondrial unfolded protein response in *Drosophila melanogaster* PINK1 model of Parkinson's disease.

Long-term metabolic consequences of acute dioxin exposure differ between male and female mice.

Effectiveness of outpatient treatment with intravenous iron in selected primary Care patients.

P-Cresylsulfate, the Protein-Bound Uremic Toxin, Increased Endothelial Permeability Partly Mediated by Src-Induced Phosphorylation of VE-Cadherin.

Anemia management in non-menopausal women in a primary care setting: a prospective evaluation of clinical practice.

Molecular and Cellular Mechanisms that Induce Arterial Calcification by Indoxyl Sulfate and P-Cresyl Sulfate.

Multiple distinct pathways lead to hyperubiquitylated insoluble TDP-43 protein independent of its translocation into stress granules.

Health effects of nutrients and environmental pollutants in Baltic herring and salmon: a quantitative benefit-risk assessment.

High-throughput sequencing analysis of intestinal flora changes in ESRD and CKD patients.

An unsupervised learning approach to identify novel signatures of health and disease from multimodal data.

In vivo acute toxicity and anti-gastric evaluation of a novel dichloro Schiff base: Bax and HSP70 alteration.

Acute occupational phosphine intoxications in the maritime shipping sector: Belgian and French reported cases.

[The use of retinoids to stimulate the regenerative process in trepanation cavity after "open" sanitizing surgery on the middle ear].

Recommendation and use of ferrous sulphate in 12- and 24-month-old children: evaluation in the 2015 Pelotas Birth Cohort.

Bibliometrics and Visualization of the Mechanisms of Parkinson's Diseases Based on Animal Models.

Denouement of Chemicals on Amyotrophic Lateral Sclerosis: Is Green Chemistry the Answer.

Resveratrol Regulates Nrf2-Mediated Expression of Antioxidant and Xenobiotic Metabolizing Enzymes in Pesticides-Induced Parkinsonism.

Gut Microbiota as Diagnostic Tools for Mirroring Disease Progression and Circulating Nephrotoxin Levels in Chronic Kidney Disease: Discovery and Validation Study.

Quantitative Mass Spectrometric Assay of Whole and CNBr-Cleaved Amyloid- β Peptides in Human Brain.

Identification and Functional Analysis of RYR1 Variants in a Family with a Suspected Myopathy and Associated Malignant Hyperthermia.

Transfusion-Free Cranial Vault Remodeling: A Novel, Multifaceted Approach.

Tandem mass tag (TMT) proteomic analysis of fetal lungs revealed differential expression of tight junction proteins in a rat model of congenital diaphragmatic hernia.

Prenatal dioxin exposure and glucose metabolism in the Seveso Second Generation study.

A mitochondrial uncoupler prodrug protects dopaminergic neurons and improves functional outcome in a mouse model of Parkinson's disease.

Preliminary evaluation of fecal fatty acid concentrations in cats with chronic kidney disease and correlation with indoxyl sulfate and p-cresol sulfate.

Procyanidin B2 Suppresses Lipopolysaccharides-Induced Inflammation and Apoptosis in Human Type II Alveolar Epithelial Cells and Lung Fibroblasts.

Arsenic-induced immunomodulatory effects disorient the survival-death interface by stabilizing the Hsp90/Beclin1 interaction.

The Dark Side of Iron.

Microbiome and Metabolome Profiles Associated With Different Types of Short Bowel Syndrome: Implications for Treatment.

Bowel Habits and the Association With Uremic Toxins in Non-Dialysis-Dependent Chronic Kidney Disease Patients.

Prostate Cancer Screening Guidelines for African American Veterans: A New Perspective.

Ferric-Induced Pancreatic Injury Involves Exacerbation of Cholinergic and Proteolytic Activities, and Dysregulation of Metabolic Pathways: Protective Effect of Caffeic Acid.

Distribution and Determinants of Chronic Kidney Disease of Unknown Etiology: A Brief Overview.

A comparative study to evaluate oral iron and intravenous iron sucrose for treatment of anemia in pregnancy in a poor socioeconomic region of Northeast India.

Pesticide exposure among Bolivian farmers: associations between worker protection and exposure biomarkers.

May agricultural water sources containing mixtures of agrochemicals cause hormonal disturbances?

How many premature deaths from pesticide suicide have occurred since the agricultural Green Revolution?

Distribution and risk factor analysis for Clostridium difficile-associated diarrhea among hospitalized children over one year of age.

The developmental neurotoxicity of legacy vs. contemporary polychlorinated biphenyls (PCBs): similarities and differences.

Ferulic acid attenuates arsenic-induced cardiotoxicity in rats.

Risk factors for abdominal wall defects.

Uremic toxins promote accumulation of oxidized protein and increased sensitivity to hydrogen peroxide in endothelial cells by impairing the autophagic flux.

TCDD inhibited the osteogenic differentiation of human fetal palatal mesenchymal cells through AhR and BMP-2/TGF- β ²/Smad signaling.

Cyclophosphamide-induced cystitis results in NLRP3-mediated inflammation in the hippocampus and symptoms of depression in rats.

Impact of environmental contaminants on reproductive health of male domestic ruminants: a review.

Curcumin ameliorates oxidative stress-induced intestinal barrier injury and mitochondrial damage by promoting Parkin dependent mitophagy through AMPK-TFEB signal pathway.

Loss of the mitochondrial lipid cardiolipin leads to decreased glutathione synthesis.

Soil contact bioassay for rapid determination of acute toxicity with *Eisenia foetida*.

New disease-resistant, seedless grapes are developed using embryo rescue and molecular markers.

Anti-inflammatory Effect of AZD6244 on Acrolein-Induced Neuroinflammation.

2,3,7,8-Tetrachlorodibenzo-p-dioxin and up-regulation of neurofilament expression in neuronal cells: Evaluation of AhR and MAPK pathways.

Naturally-derived diterpenoid sphaeropsidin C as an activator of Nrf2/ARE pathway and its potential capability of relieving intracellular oxidative stress in human lung epithelial cells.

In vitro effects of PNP and PNMC on apoptosis and proliferation in the hen ovarian stroma and prehierarchal follicles.

Which chemicals should be grouped together for mixture risk assessments of male reproductive disorders?

Analysis of 2,4-Dinitrophenol in Postmortem Blood and Urine by Gas Chromatography-Mass Spectrometry: Method Development and Validation and Report of Three Fatalities in the United States.

Transient receptor potential ankyrin 1 (TRPA1)-mediated toxicity: friend or foe?

Involvement of metallothionein, homocysteine and B-vitamins in the attenuation of arsenic-induced uterine disorders in response to the oral application of hydro-ethanolic extract of *Moringa oleifera* seed: a preliminary study.

Paraquat Reduces the Female Fertility by Impairing the Oocyte Maturation in Mice.

Changes in the Serum Metabolome of Patients Treated With Broad-Spectrum Antibiotics.

HspB5 protects mouse neural stem/progenitor cells from paraquat toxicity.

A Paper-Based Analytical Device for Analysis of Paraquat in Urine and Its Validation with Optical-Based Approaches.

[The role of noninvasive hemodynamic monitoring in the evaluation of acute and severe pesticide poisoning].

Fast and Easy Phage-Tagging and Live/Dead Analysis for the Rapid Monitoring of Bacteriophage Infection.

The Protective Effect of Aspirin Eugenol Ester on Paraquat-Induced Acute Liver Injury Rats.

The Metabolomics of Childhood Atopic Diseases: A Comprehensive Pathway-Specific Review.

Holly (*Ilex latifolia* Thunb.) Polyphenols Extracts Alleviate Hepatic Damage by Regulating Ferroptosis Following Diquat Challenge in a Piglet Model.

Paecilomyces and Its Importance in the Biological Control of Agricultural Pests and Diseases.

Characterization, Genetic Analyses, and Identification of QTLs Conferring Metabolic Resistance to a 4-Hydroxyphenylpyruvate Dioxygenase Inhibitor in Sorghum (*Sorghum bicolor*).

Cytotoxicity and Oxidative Stress Responses of Imidacloprid and Glyphosate in Human Prostate Epithelial WPM-Y.1 Cell Line.

A Case of Paraquat Poisoning Presenting With Spontaneous Pneumothorax and Pneumomediastinum.

Reduction of Management Costs and Avoidance of Air Release of Carcinogens Through a Waste Segregation Program in a Brazilian Medical Institution.

The Resistance of *Drosophila melanogaster* to Oxidative, Genotoxic, Proteotoxic, Osmotic Stress, Infection, and Starvation Depends on Age According to the Stress Factor.

In Vitro and In Vivo Inhibitory Effect of Citrus Junos Tanaka Peel Extract against Oxidative Stress-Induced Apoptotic Death of Lung Cells.

Whether Gametophytes are Reduced or Unreduced in Angiosperms Might Be Determined Metabolically.

Telomeric injury by KML001 in human T cells induces mitochondrial dysfunction through the p53-PGC-1 β pathway.

Risk-Benefit Modeling to Guide Health Research in Collaboration with Great Lakes Fish Consuming Native American Communities.

Impact of environmental toxin exposure on male fertility potential.

Oral mucosa changes associated with chronic oral and inhalation exposure to 2,4-dichlorophenoxyacetic acid (2,4-D) in Wistar rats.

Pretilachlor poisoning: A rare case of a herbicide masquerading as organophosphate toxicity.

Mucuna pruriens in Parkinson's and in some other diseases: recent advancement and future prospective.

Effects on the Liver Transcriptome in Baltic Salmon: Contributions of Contamination with Organohalogen Compounds and Origin of Salmon.

Telomeres as targets for the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and polychlorinated biphenyls (PCBs) in rats.

Dioxin Disrupts Dynamic DNA Methylation Patterns in Genes That Govern Cardiomyocyte Maturation.

Heat-not-burn tobacco products: an emerging threat to cardiovascular health.

An aryl hydrocarbon receptor agonist suppresses the growth of human umbilical vein endothelial cells in vitro: Potent effect with polyunsaturated fatty acids.

The MT1G Gene in LUHMES Neurons Is a Sensitive Biomarker of Neurotoxicity.

Development of an in vitro approach to point-of-contact inhalation toxicity testing of volatile compounds, using organotypic culture and air-liquid interface exposure.

Metabolomics Profiling and Diagnosis Biomarkers Searching for Drug-Induced Liver Injury Implicated to *Polygonum multiflorum*: A Cross-Sectional Cohort Study.

Wrangling Shape-Shifting Morpheins to Tackle Disease and Approach Drug Discovery.

Pesticide mixtures show potential toxicity to aquatic life in U.S. streams, water years 2013-2017.

Aspirin Eugenol Ester Protects Vascular Endothelium From Oxidative Injury by the Apoptosis Signal Regulating Kinase-1 Pathway.

Sub-ohm vaping increases the levels of carbonyls, is cytotoxic, and alters gene expression in human bronchial epithelial cells exposed at the air-liquid interface.

Emerging contaminant 1,3,6,8-tetrabromocarbazole induces oxidative damage and apoptosis during the embryonic development of zebrafish (*Danio rerio*).

Amperometric Cytosensor for Studying Mitochondrial Interferences Induced by Plasticizers Bisphenol B and Bisphenol A.

A Comprehensive Review on Source, Types, Effects, Nanotechnology, Detection, and Therapeutic Management of Reactive Carbonyl Species Associated with Various Chronic Diseases.

Multi-sites polycyclodextrin adsorbents for removal of protein-bound uremic toxins combining with hemodialysis.

Outcome of Canine Multicentric Lymphoma after Single or Divided Treatment with Cyclophosphamide in Multidrug Chemotherapy.

Environmental neurotoxic pollutants: review.

Photo-polymerizable ferrous sulfate liposomes as vehicles for iron fortification of food.

Occupational exposure to organophosphorus and carbamates in farmers in La Cienega, Jalisco, Mexico: oxidative stress and membrane fluidity markers.

Occupational pesticide use and self-reported olfactory impairment in US farmers.

Aspirin Eugenol Ester Attenuates Paraquat-Induced Hepatotoxicity by Inhibiting Oxidative Stress.

Reducing toxicity and antimicrobial activity of a pesticide mixture via photo-Fenton in different aqueous matrices using iron complexes.

Continuous, Automated Breathing Rate and Body Motion Monitoring of Rats With Paraquat-Induced Progressive Lung Injury.

Behavioral Tests in Neurotoxin-Induced Animal Models of Parkinson's Disease.

Effects of oral exposure to arsenite on arsenic metabolism and transport in rat kidney.

Does Hemoperfusion Increase Survival in Acute Paraquat Poisoning? A Retrospective Multicenter Study.

2,3,7,8-Tetrachlorodibenzo-p-Dioxin Regulates the Expression of Aryl Hydrocarbon Receptor-Related Factors and Cytokines in Peripheral Blood Mononuclear Cells and CD4+ T cells from Patients with Atopic Dermatitis and Psoriasis.

[Biocontrol potential of *Talaromyces purpogenus* and its regulation on soil microbial community].

In vitro effects of selected endocrine disruptors (DEHP, PCB118, BPA) on narrow-clawed crayfish (*Astacus leptodactylus*) primary cells.

Environmental risk dynamics of pesticides toxicity in a Mediterranean micro-estuary.

Mitochondrial Complex I Mutations Predispose *Drosophila* to Isoflurane Neurotoxicity.

Serum metabolic changes associated with dioxin exposure in a Chinese male cohort.

In Vitro Detoxification Studies of p-Cresol by Intestinal Bacteria Isolated from Human Feces.

Effects of curcumin, D-pinitol alone or in combination in cytotoxicity induced by arsenic in PC12 cells.

Functional analysis of newly identified RYR1 variants in patients susceptible to malignant hyperthermia.

Effects of Different Doses of Excessive Iron in Diets on Oxidative Stress in Immune Organs of Sheep.

Chronic High Glyphosate Exposure Delays Individual Worker Bee (*Apis mellifera* L.) Development under Field Conditions.

Sublethal Paraquat Confers Multidrug Tolerance in *Pseudomonas aeruginosa* by Inducing Superoxide Dismutase Activity and Lowering Envelope Permeability.

Separating the Empirical Wheat From the Pseudoscientific Chaff: A Critical Review of the Literature Surrounding Glyphosate, Dysbiosis and Wheat-Sensitivity.

Is arsenic responsible for the toxicity of the hyperaccumulating mushroom *Sarcosphaera coronaria*?

Dibenzoylthiamine Has Powerful Antioxidant and Anti-Inflammatory Properties in Cultured Cells and in Mouse Models of Stress and Neurodegeneration.

Exposures to uranium and arsenic alter intraepithelial and innate immune cells in the small intestine of male and female mice.

Dietary Iron Overload Differentially Modulates Chemically-Induced Liver Injury in Rats.

Comparison of the basic morphology and function of 3D lung epithelial cultures derived from several donors.

Herbicide Widespread: The Effects of Pethoxamid on Nonalcoholic Fatty Liver Steatosis In Vitro.

Inhibition of rat brain and human red cell acetylcholinesterase by thiocarbamate herbicides.

Role of CAPE in reducing oxidative stress in animal models with traumatic brain injury.

Chronic and acute arsenic exposure enhance EGFR expression via distinct molecular mechanisms.

SVCT2-Dependent plasma and mitochondrial membrane transport of ascorbic acid in differentiating myoblasts.

Behavioral impairments in infant and adult mouse offspring exposed to 2,3,7,8-tetrabromodibenzofuran in utero and via lactation.

Oxidative stress via the Maillard reaction is associated with the occurrence of internal browning in roots of sweetpotato (*Ipomoea batatas*).

Over-gene expression in the apoptotic, oxidative damage and liver injury in female rats exposed to butralin.

PCB52 exposure alters the neurotransmission ligand-receptors in male offspring and contributes to sex-specific neurodevelopmental toxicity.

Adverse effects of pesticides on the functions of immune system.

Environmental risk assessment of pesticides currently applied in Ghana.

Course of matrix metalloproteinase-1 and pulmonary oxygenation in acute respiratory distress syndrome caused by oral ingestion of large doses of oxadiazon/butachlor emulsion: a case report.

Comparative assessment of the acute toxicity, haematological and genotoxic effects of ten commonly used pesticides on the African Catfish, *Clarias gariepinus* Burchell 1822.

How the AHR Became Important in Intestinal Homeostasis-A Diurnal FICZ/AHR/CYP1A1 Feedback Controls Both Immunity and Immunopathology.

Protective Effect of Fenofibrate on Oxidative Stress-Induced Apoptosis in Retinal-Choroidal Vascular Endothelial Cells: Implication for Diabetic Retinopathy Treatment.

Dietary Components, Microbial Metabolites and Human Health: Reading between the Lines.

Protective effect of *Mucuna pruriens* against arsenic-induced liver and kidney dysfunction and neurobehavioral alterations in rats.

P-cresyl sulfate causes mitochondrial hyperfusion in H9C2 cardiomyoblasts.

Metabolic and proteomic analysis of nitrogen metabolism mechanisms involved in the sugarcane - *Fusarium verticillioides* interaction.

Visual system: An understudied target of aquatic toxicology.

Bioactivity of the Novel Fungicide SYP-14288 Against Plant Pathogens and the Study of its Mode of Action Based on Untargeted Metabolomics.

Net release and uptake of xenometabolites across intestinal, hepatic, muscle, and renal tissue beds in healthy conscious pigs.

Introducing of potent cytotoxic novel 2-(aroylamino)cinnamamide derivatives against colon cancer mediated by dual apoptotic signal activation and oxidative stress.

Agrochemicals disrupt multiple endocrine axes in amphibians.

Protective effects of phenelzine administration on synaptic and non-synaptic cortical mitochondrial function and lipid peroxidation-mediated oxidative damage following TBI in young adult male rats.

Assessment of the absorbed dose after exposure to surgical smoke in an operating room.

Chronic arsenic exposure induces the time-dependent modulation of inflammation and immunosuppression in spleen.

Efficacy of high-dose ambroxol for paraquat poisoning: A meta-analysis of randomized controlled trials.

Kaempferol Protects Blood Vessels From Damage Induced by Oxidative Stress and Inflammation in Association With the Nrf2/HO-1 Signaling Pathway.

Piceatannol Ameliorates Hepatic Oxidative Damage and Mitochondrial Dysfunction of Weaned Piglets Challenged with Diquat.

Severe chemical burns related to dermal exposure to herbicide containing glyphosate and glufosinate with surfactant in Korea.

Dryland Cropping Systems, Weed Communities, and Disease Status Modulate the Effect of Climate Conditions on Wheat Soil Bacterial Communities.

Organic selenium supplement partially alleviated diquat-induced oxidative insults and hepatic metabolic stress in nursery pigs.

Cardiac amyloidosis possibly secondary to Agent Orange exposure.

Neuroprotection Against Parkinson's Disease Through the Activation of Akt/GSK3 β Signaling Pathway by Tovophyllin A.

Shoot organogenesis and somatic embryogenesis from leaf and root explants of *Scaevola sericea*.

Quantitative Proteomic Profiling of Mitochondrial Toxicants in a Human Cardiomyocyte Cell Line.

Short-term e-cigarette vapour exposure causes vascular oxidative stress and dysfunction: evidence for a close connection to brain damage and a key role of the phagocytic NADPH oxidase (NOX-2).

Toxicity of Gold Nanoparticles in Mice due to Nanoparticle/Drug Interaction Induces Acute Kidney Damage.

Uroprotective mechanisms of natural products against cyclophosphamide-induced urinary bladder toxicity: A comprehensive review.

Dioxin-like and non-dioxin-like PCBs differentially regulate the hepatic proteome and modify diet-induced nonalcoholic fatty liver disease severity.

Functional modulation of sarcolemmal K(ATP) channels by atrial natriuretic peptide-elicited intracellular signaling in adult rabbit ventricular cardiomyocytes.

Rethinking toxicity testing: Influence of aging on the outcome of long-term toxicity testing and possible remediation.

Review of Health Consequences of Electronic Cigarettes and the Outbreak of Electronic Cigarette, or Vaping, Product Use-Associated Lung Injury.

Cross-Sectional and Longitudinal Effects of PCB Exposure on Human Stress Hormones in the German HELPCB Surveillance Program.

Effect of Oral Supplementation of Healthy Pregnant Sows with Sucrosomial Ferric Pyrophosphate on Maternal Iron Status and Hepatic Iron Stores in Newborn Piglets.

Platelet-Rich Fibrin Can Neutralize Hydrogen Peroxide-Induced Cell Death in Gingival Fibroblasts.

SKN-1 is involved in combination of apple peels and blueberry extracts synergistically protecting against oxidative stress in *Caenorhabditis elegans*.

Pharmacological inhibition of lipid peroxidative damage by the 21-aminosteroid U-74389G improves cortical mitochondrial function following traumatic brain injury in young adult male rats.

Longitudinal Study of Metabolic Biomarkers among Conventional and Organic Farmers in Thailand.

Complex Regulatory Role of the TRPA1 Receptor in Acute and Chronic Airway Inflammation Mouse Models.

Enhanced alcohol degradation and hepatic protective effects of an *Acetobacter Pasteurianus*-derived product, CureZyme-ACE, in an acute intoxication rat model.

Regulation of Spermine Oxidase through Hypoxia-Inducible Factor-1 α Signaling in Retinal Glial Cells under Hypoxic Conditions.

Protective effects of taurine against muscle damage induced by diquat in 35-day weaned piglets.

[Injury of L-02 hepatocytes induced by NaAsO₂ is related to down-regulated expression of p14ARF and increased expression of MDM2 and p53].

Evaluation of different types of arsenic methylation and its relationship with metabolic syndrome in an area chronically exposed to arsenic.

Polydatin relieves paraquat-induced human MRC-5 fibroblast injury through inhibiting the activation of the NLRP3 inflammasome.

Oxidative stress delays development and alters gene expression in the agricultural pest moth, *Helicoverpa armigera*.

In older women, a high-protein diet including animal-sourced foods did not impact serum levels and urinary excretion of trimethylamine-N-oxide.

The aryl hydrocarbon receptor mediates sex ratio distortion in the embryos sired by TCDD-exposed male mice.

Circulating oxidized LDL, increased in patients with acute myocardial infarction, is accompanied by heavily modified HDL.

Agronomic Factors Associated with Bacterial Leaf Streak Development Caused by *Xanthomonas vasicola* pv. *vasculorum* in Corn.

Multigenerational and transgenerational effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on ovarian reserve and follicular development through AMH/AMHR2 pathway in adult female rats.

Cytoprotection, Genoprotection, and Dermal Exposure Assessment of Chitosan-Based Agronomofungicides.

Taurine Alleviates Intestinal Injury by Mediating Tight Junction Barriers in Diquat-Challenged Piglet Models.

The Role of Vitamin D Receptor Gene Polymorphisms in Colorectal Cancer Risk.

Iron Overload in Gastric Mucosa: Underdiagnosed Condition Rarely Documented in Clinical and Pathology Reports.

New insight into Parkinson's disease pathogenesis from reactive oxygen species-mediated extracellular Zn(2+) influx.

Non-Targeted Metabolomic Profiling of Coronary Heart Disease Patients With Taohong Siwu Decoction Treatment.

Devil's claw (*Harpagophytum procumbens*) ameliorates the neurobehavioral changes and neurotoxicity in female rats exposed to arsenic.

Microglia depletion prior to lipopolysaccharide and paraquat treatment differentially modulates behavioral and neuronal outcomes in wild type and G2019S LRRK2 knock-in mice.

Toxicity in Goats Exposed to Arsenic in the Region Lagunera, Northern Mexico.

N,O-Nucleoside Analogues: Metabolic and Apoptotic Activity.

Arsenic represses airway epithelial mucin expression by affecting retinoic acid signaling pathway.

Strawberries at the Crossroads: Management of Soilborne Diseases in California Without Methyl Bromide.

Sodium arsenite toxicity on hematology indices and reproductive parameters in Teddy goat bucks and their amelioration with vitamin C.

Chronic arsenic exposure impairs adaptive thermogenesis in male C57BL/6J mice.

Pro-inflammatory cytokines, oxidative stress and diffuse coronary reocclusions in elderly patients after coronary stenting.

Daily stream samples reveal highly complex pesticide occurrence and potential toxicity to aquatic life.

Exposure effects of iron oxide nanoparticles and iron salts in blackfish (*Capoeta fusca*): Acute toxicity, bioaccumulation, depuration, and tissue histopathology.

Immunohistochemical and histological evaluations of cyclophosphamide-induced acute cardiotoxicity in wistar rats: The role of turmeric extract (curcuma).

Correlation and prognostic significance of serum amylase, serum lipase, and plasma cholinesterase in acute organophosphorus poisoning.

Decreased Glucose Utilization Contributes to Memory Impairment in Patients with Glufosinate Ammonium Intoxication.

Metabolomic Profiling Revealed Potential Biomarkers in Patients With Moyamoya Disease.

Occurrence and risk assessment of organic micropollutants in freshwater systems within the Lake Victoria South Basin, Kenya.

Ferrous Sulfate-Induced Esophageal Injury Leading to Esophagitis Dissecans Superficialis.

Chitosan-Based Agronofungicides as a Sustainable Alternative in the Basal Stem Rot Disease Management.

P-cresol Alters Brain Dopamine Metabolism and Exacerbates Autism-Like Behaviors in the BTBR Mouse.

Sarcoidosis: Causes, Diagnosis, Clinical Features, and Treatments.

Assessing the impact of arsenic metabolism efficiency on DNA methylation using Mendelian randomization.

Air quality biomonitoring of trace elements in the metropolitan area of Huancayo, Peru using transplanted *Tillandsia capillaris* as a biomonitor.

Dietary Puerarin Supplementation Alleviates Oxidative Stress in the Small Intestines of Diquat-Challenged Piglets.

Acute toxicity dataset for QSAR modeling and predicting missing data of six pesticides.

Chemical characterization, phytotoxic, and cytotoxic activities of essential oil of *Mentha longifolia*.

EGCG ameliorates neuronal and behavioral defects by remodeling gut microbiota and TotM expression in *Drosophila* models of Parkinson's disease.

Dietary exposure to pesticide residues and associated health risks in infants and young children - Results of the French infant total diet study.

Biological variation in kidney injury and kidney function biomarkers among farmers in Lamphun province, Thailand.

Chronic exposure to arsenite enhances influenza virus infection in cultured cells.

Effect of α -lipoic acid on spatial memory and structural integrity of developing hippocampal neurons in rats subjected to sodium arsenite exposure.

Urinary Arsenic Species are Detectable in Urban Underserved Hispanic/Latino Populations: A Pilot Study from the Study of Latinos: Nutrition & Physical Activity Assessment Study (SOLNAS).

Profile and outcome of patients presenting with agrochemical poisoning to the emergency department.

High-Sensitivity Detection of the Lung Cancer Biomarker CYFRA21-1 in Serum Samples Using a Carboxyl-MoS₂ Functional Film for SPR-Based Immunosensors.

Herbicide Diuron as Endocrine Disrupting Chemicals (EDCs) through Histopathological Analysis in Gonads of Javanese Medaka (*Oryzias javanicus*, Bleeker 1854).

Manipulating Gibberellin Control Over Growth and Fertility as a Possible Target for Managing Wild Radish Weed Populations in Cropping Systems.

Selenium-Enriched Yeast Alleviates Oxidative Stress-Induced Intestinal Mucosa Disruption in Weaned Pigs.

An Experimental Swallow Evoked Potential Protocol to Investigate the Neural Substrates of Swallowing.

Simultaneous Analysis and Dietary Exposure Risk Assessment of Fomesafen, Clomazone, Clethodim and Its Two Metabolites in Soybean Ecosystem.

Arsenic induces platelet shape change through altering focal adhesion kinase-mediated actin dynamics, contributing to increased platelet reactivity.

Gut neurotoxin p-cresol induces differential expression of GLUN2B and GLUN2A subunits of the NMDA receptor in the hippocampus and nucleus accumbens in healthy and audiogenic seizure-prone rats.

Efficacy of Divinylbenzenic Resin in Removing Indoxyl Sulfate and P-Cresol Sulfate in Hemodialysis Patients: Results From an In Vitro Study and An In Vivo Pilot Trial (xuanro4-Nature 3.2).

Metformin lowers glucose 6-phosphate in hepatocytes by activation of glycolysis downstream of glucose phosphorylation.

Paraquat Poisoning: A Retrospective Study of 55 Patients From a Tertiary Care Center in Southern India.

Chronic methyl bromide toxicity is ameliorated by haemodialysis.

Use of Insecticides in Agriculture and the Prevention of Vector-Borne Diseases: Population Knowledge, Attitudes, Practices and Beliefs in Elibou, South CÔte d'Ivoire.

Clinical significance of serum levels of microRNA-27a and its correlation with interleukin-10 in patients with multiple organ dysfunction syndrome caused by acute paraquat poisoning.

Cigarette smoke extract induces ferroptosis in vascular smooth muscle cells.

Primary Metabolite Responses to Oxidative Stress in Early-Senescing and Paraquat Resistant Arabidopsis thaliana rcd1 (Radical-Induced Cell Death1).

Uncovering pathophysiological changes in frontotemporal dementia using serum lipids.

Early Neurotoxic Effects of Inorganic Arsenic Modulate Cortical GSH Levels Associated With the Activation of the Nrf2 and NFÎB Pathways, Expression of Amino Acid Transporters and NMDA Receptors and the Production of Hydrogen Sulfide.

Effect of cAMP Receptor Protein Gene on Growth Characteristics and Stress Resistance of Haemophilus parasuis Serovar 5.

Plant Lipid Bodies Traffic on Actin to Plasmodesmata Motorized by Myosin XIs.

Lactobacillus probiotics improved the gut microbiota profile of a Drosophila melanogaster Alzheimer's disease model and alleviated neurodegeneration in the eye.

Regulation of Aryl Hydrocarbon Receptor Signaling Pathway and Dioxin Toxicity by Novel Agonists and Antagonists.

Bioisosteric Replacement of Amide Group with 1,2,3-Triazoles in Acetaminophen Addresses Reactive Oxygen Species-Mediated Hepatotoxic Insult in Wistar Albino Rats.

Corrigendum to "Transgenerational impairment of ovarian induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) associated with Igf2 and H19 in adult female rat" [Toxicology 428 (2019) 152311].

Plant tissue analysis as a tool for predicting fertiliser needs for low cyanogenic glucoside levels in cassava roots: An assessment of its possible use.

When scientists become detectives: investigating systematic tree poisoning in a protected cove.

Identification of Serum-Based Metabolic Feature and Characteristic Metabolites in Paraquat Intoxicated Mouse Models.

Characterization of Volatile Organic Compound Metabolites in Cigarette Smokers, Electronic Nicotine Device Users, Dual Users, and Nonusers of Tobacco.

Diabetes and Toxicant Exposure.

Mechanisms of Metabolism Interaction Between p-Cresol and Mycophenolic Acid.

Iron Deficiency in Menstruating Adult Women: Much More than Anemia.

Evaluation of the Effects of Agro Pesticides Use on Liver and Kidney Function in Farmers from Buea, Cameroon.

The Arabidopsis receptor kinase STRUBBELIG regulates the response to cellulose deficiency.

High resolution respirometry to assess function of mitochondria in native homogenates of human heart muscle.

In-Vivo Optical Monitoring of the Efficacy of Epidermal Growth Factor Receptor Targeted Photodynamic Therapy: The Effect of Fluence Rate.

ROCK inhibitors upregulate the neuroprotective Parkin-mediated mitophagy pathway.

Arsenic and smokeless tobacco exposure induces DNA damage and oxidative stress in reproductive organs of female Swiss albino mice.

Noscapine Modulates Neuronal Response to Oxygen-glucose Deprivation/Reperfusion Injury Via Activation of Sigma-1 Receptor in Primary Cortical Cultures.

Curcumin Attenuates Acrolein-induced COX-2 Expression and Prostaglandin Production in Human Umbilical Vein Endothelial Cells.

Intra-Amniotic Sildenafil Treatment Promotes Lung Growth and Attenuates Vascular Remodeling in an Experimental Model of Congenital Diaphragmatic Hernia.

Evaluation of gastric lavage efficiency and utility using a rapid quantitative method in a swine paraquat poisoning model.

Effects of sublethal and realistic concentrations of the commercial herbicide atrazine in Pacu (*Piaractus mesopotamicus*): Long-term exposure and recovery assays.

Graves' disease: Epidemiology, genetic and environmental risk factors and viruses.

Acute obstructive fibrinous laryngotracheobronchitis induced by severe glyphosate surfactant intoxication: A case report.

An Analysis of Biomarkers in Patients with Chronic Pain.

Neuropsychiatric manifestations of methyl iodide toxicity.

Erratum: Esophageal perforation and death following glyphosate poisoning.

Green-Synthesized FeSO₄ Nanoparticles Exhibit Antibacterial and Cytotoxic Activity by DNA Degradation.

Developmental Exposure to PCB153 (2,2',4,4',5,5'-Hexachlorobiphenyl) Alters Circadian Rhythms and the Expression of Clock and Metabolic Genes.

Biologically Active Echinulin-Related Indolediketopiperazines from the Marine Sediment-Derived Fungus *Aspergillus niveoglaucus*.

Microplastics modify the toxicity of glyphosate on *Daphnia magna*.

Distract, delay, disrupt: examples of manufactured doubt from five industries.

Acute thiamethoxam toxicity in honeybees is not enhanced by common fungicide and herbicide and lacks stress-induced changes in mRNA splicing.

Acute and chronic toxicity of herbicides and their mixtures measured by *Aliivibrio fischeri* ecotoxicological assay.

A cellular defense memory imprinted by early life toxic stress.

Adipocyte epigenetic alterations and potential therapeutic targets in transgenerationally inherited lean and obese phenotypes following ancestral exposures.

Sub-chronic exposure to Kalach 360 SL-induced damage in rats' liver and hematological system.

Diosmin ameliorative effects on oxidative stress and fibrosis in paraquat-induced lung injury in mice.

Response to comments on: Perinatal exposure to a glyphosate-based herbicide impairs female reproductive outcomes and induces second-generation adverse effects in Wistar rats.

Comparative cyto- and genotoxicity assessment of glyphosate and glyphosate-based herbicides in human peripheral white blood cells.

Glycyrrhizic acid modulates the atrazine-induced apoptosis in rabbit spleen.

Impact of electronic cigarette heating coil resistance on the production of reactive carbonyls, reactive oxygen species and induction of cytotoxicity in human lung cancer cells in vitro.

Acute uterine effects and long-term reproductive alterations in postnatally exposed female rats to a mixture of commercial formulations of endosulfan and glyphosate.

Atrazine-induced toxicity in goat spermatozoa is alleviated to some extent by polyphenol-enriched feed.

Clethodim exposure induced development toxicity and behaviour alteration in early stages of zebrafish life.

Comparative effects of parent and heated cinnamaldehyde on the function of human iPSC-derived cardiac myocytes.

Accidental paraquat induced hypersalivation: a case report.

Curcumin relieves paraquat-induced lung injury through inhibiting the thioredoxin interacting protein/NLR pyrin domain containing 3-mediated inflammatory pathway.

Effect of the herbicide atrazine and its major metabolite, DACT, on bovine sperm cryotolerance.

Gut microbiota and neurological effects of glyphosate.

Effects of environmental chemicals on the proliferation and differentiation of neural stem cells.

Ozonation of the algaecide irgarol: Kinetics, transformation products, and toxicity.

Single and joint effects of chronic exposure to chlorpyrifos and glyphosate based pesticides on structural biomarkers in *Cnesterodon decemmaculatus*.

Autophagy Stimulation Decreases Dopaminergic Neuronal Death Mediated by Oxidative Stress.

Costo de la intoxicación por Paraquat en Colombia.

Assessing crop damage from dicamba on non-dicamba-tolerant soybean by hyperspectral imaging through machine learning.

Diuron exposure and Akt overexpression promote glioma formation through DNA hypomethylation.

Ventilator settings and outcome of respiratory failure in paraquat-induced pulmonary injury.

Responses of morphological, physiological, and biochemical characteristics of maize (*Zea mays* L.) seedlings to atrazine stress.

Factors adversely influencing neurodevelopment.

[Xuebijing improves clinical prognosis and reduces mortality in patients with acute paraquat poisoning: a Meta-analysis included 1 429 patients].

Atrazine induces necroptosis by miR-181-5p targeting inflammation and glycometabolism in carp lymphocytes.

The organochlorine pesticides pentachlorophenol and dichlorodiphenyltrichloroethane increase secretion and production of interleukin 6 by human immune cells.

A glyphosate-based herbicide induces sub-lethal effects in early life stages and liver cell line of rainbow trout, *Oncorhynchus mykiss*.

Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels.

Protective effect of *Ganoderma atrum* polysaccharide on acrolein-induced macrophage injury via autophagy-dependent apoptosis pathway.

Effects of chronic glyphosate exposure to pregnant mice on hepatic lipid metabolism in offspring.

N-acetylcysteine alleviated paraquat-induced mitochondrial fragmentation and autophagy in primary murine neural progenitor cells.

Paraquat as an Environmental Risk Factor in Parkinson's Disease Accelerates Age-Related Degeneration Via Rapid Influx of Extracellular Zn(2+) into Nigral Dopaminergic Neurons.

Metformin Activates the Protective Effects of the AMPK Pathway in Acute Lung Injury Caused by Paraquat Poisoning.

Effects of 2,4-D-based herbicide (DMA® 806) on sensitivity, respiration rates, energy reserves and behavior of tadpoles.

Safeners Improve Maize Tolerance under Herbicide Toxicity Stress by Increasing the Activity of Enzymes in Vivo.

Decrease in Butyrylcholinesterase Accompanied by Intermediate-like Syndrome after Massive Ingestion of a Glyphosate-surfactant.

Hepatoprotective effect of N-acetylcystein loaded niosomes on liver function in paraquat-induced acute poisoning.

Cellular, humoral and molecular responses in rainbow trout (*Oncorhynchus mykiss*) exposed to a herbicide and subsequently infected with infectious hematopoietic necrosis virus.

Hepatoprotective effects of the n-butanol extract from *Perralderia coronopifolia* Coss. against PCP-induced toxicity in Wistar albino rats.

Toxicity of the aquatic herbicide, reward[®], to the northwestern salamander.

Hemotoxic effects of some herbicides on juvenile of Nile tilapia *Oreochromis niloticus*.

Ghrelin ameliorates A549 cell apoptosis caused by paraquat via p38-MAPK regulated mitochondrial apoptotic pathway.

Nuclear receptor AHR-mediated xenobiotic detoxification pathway involves in atrazine-induced nephrotoxicity in quail (*Coturnix C. coturnix*).

Paraquat induced impaired reproductive function and modulation of retinal and extra-retinal photoreceptors in Japanese quail (*Coturnix coturnix japonica*).

Animal models in the neurotoxicology of 2,4-D.

Glyphosate- and Fipronil-Based Agrochemicals and Their Mixtures Change Zebrafish Behavior.

The Effects of Maternal Atrazine Exposure and Swimming Training on Spatial Learning Memory and Hippocampal Morphology in Offspring Male Rats via PSD95/NR2B Signaling Pathway.

Identification of miRNA-7 as a regulator of brain-derived neurotrophic factor/ α -synuclein axis in atrazine-induced Parkinson's disease by peripheral blood and brain microRNA profiling.

Genotoxic effect of dimethylarsinic acid and the influence of co-exposure to titanium nanodioxide (nTiO₂) in *Laonereis culveri* (Annelida, Polychaeta).

Chronic Kidney Disease in Agricultural Communities.

The evaluation of the potential ecotoxicity of pyroligneous acid obtained from fast pyrolysis.

Protective mechanism of 1-methylhydantoin against lung injury induced by paraquat poisoning.

[High frequency hearing among rural workers exposed to pesticides].

Comparison of four pharmacological strategies aimed to prevent the lung inflammation and paraquat-induced alveolar damage.

Innate immune responses to paraquat exposure in a *Drosophila* model of Parkinson's disease.

Neutrophil-lymphocyte ratio as an early predictor for patients with acute paraquat poisoning: A retrospective analysis.

Design, Synthesis and Evaluation of Novel Trichloromethyl Dichlorophenyl Triazole Derivatives as Potential Safener.

Ameliorative role of aspirin in paraquat-induced lung toxicity via mitochondrial mechanisms.

Arsenite and its trivalent methylated metabolites inhibit glucose-stimulated calcium influx and insulin secretion in murine pancreatic islets.

Reprotoxicity of glyphosate-based formulation in *Caenorhabditis elegans* is not due to the active ingredient only.

Effect of endoplasmic reticulum calcium on paraquat-induced apoptosis of human lung type II alveolar epithelial A549 cells.

Xenobiotic mediated diabetogenesis: Developmental exposure to dichlorvos or atrazine leads to type 1 or type 2 diabetes in *Drosophila*.

Clinical features and risk factors of acute kidney injury in children with acute paraquat intoxication.

Paraquat modulates microglia M1/M2 polarization via activation of TLR4-mediated NF- κ B signaling pathway.

Biochemical and molecular impacts of glyphosate-based herbicide on the gills of common carp.

Maternal glyphosate-based herbicide exposure alters antioxidant-related genes in the brain and serum metabolites of male rat offspring.

Neurotoxicity of pesticides.

Serum ammonia as an early predictor of in-hospital mortality in patients with glufosinate poisoning.

Lymphocyte and its CD4+ and CD8+ subgroup changes after paraquat poisoning.

Molecular mechanisms of adaptive evolution revealed by global selection for glyphosate resistance.

Subacute acrolein exposure to rat larynx in vivo.

Determination of LCt(50) of aerosolized paraquat and its pulmonary toxic implications in non-anesthetized rats.

Spirometric Pulmonary Restriction in Herbicide-Exposed U.S. Vietnam War Veterans.

Chloramphenicol Mitigates Oxidative Stress by Inhibiting Translation of Mitochondrial Complex I in Dopaminergic Neurons of Toxin-Induced Parkinson's Disease Model.

[Protective effects of oligomeric proanthocyanidins in mice exposed to paraquat].

Perinatal dioxin exposure and neurodevelopment of 2-year-old Vietnamese children in the most contaminated area from Agent Orange in Vietnam.

Conserved roles of glucose in suppressing reactive oxygen species-induced cell death and animal survival.

Low dose of flurochloridone affected reproductive system of male rats but not fertility and early embryonic development.

[Experience of continuous fluid therapy in successfully rescuing a patient with acute severe paraquat poisoning].

[Early white blood cell count in predicting mortality after acute paraquat poisoning: a Meta-analysis].

Lethal toxicity of the herbicides acetochlor, ametryn, glyphosate and metribuzin to tropical frog larvae.

Cardiotoxicity in African clawed frog (*Xenopus laevis*) sub-chronically exposed to environmentally relevant atrazine concentrations: Implications for species survival.

Effects of atrazine on life parameters, oxidative stress, and ecdysteroid biosynthetic pathway in the marine copepod *Tigriopus japonicus*.

Acute in vitro exposure to environmentally relevant atrazine levels perturbs bovine preimplantation embryo metabolism and cell number.

Atrazine induced transgenerational reproductive effects in medaka (*Oryzias latipes*).

Acute exposure to chlorpyrifos and glyphosate induces changes in hemolymph biochemical parameters in the crayfish, *Astacus leptodactylus* (Eschscholtz, 1823).

Serial measurement of glyphosate blood concentration in a glyphosate potassium herbicide-intoxicated patient: A case report.

Gene expression, genotoxicity, and physiological responses in an Amazonian fish, *Colossoma macropomum* (CUVIER 1818), exposed to Roundup® and subsequent acute hypoxia.

The effects of Roundup® in embryo development and energy metabolism of the zebrafish (*Danio rerio*).

Exposures to the environmental contaminants pentachlorophenol and dichlorodiphenyltrichloroethane increase production of the proinflammatory cytokine, interleukin-1 β , in human immune cells.

Cytotoxic activity of pentachlorophenol and its active metabolites in SH-SY5Y neuroblastoma cells.

Burning mouth syndrome triggered by cinnamal present in a denture fixative cream.

Reducing injection ameliorates paraquat-induced acute lung injury by regulating AMPK/MAPK/NF- κ B signaling.

Clinical outcome of paraquat poisoning during pregnancy.

Glyphosate's Synergistic Toxicity in Combination with Other Factors as a Cause of Chronic Kidney Disease of Unknown Origin.

Thyroid Hormones in Conventional and Organic Farmers in Thailand.

Detoxification, Apoptosis, and Immune Transcriptomic Responses of the Gill Tissue of Bay Scallop Following Exposure to the Algicide Thiazolidinedione 49.

[Treatment and nursing of one patient with burns on perineal region and complicated by secondary multiple organ injuries by exposing to paraquat fluid].

Exposure to Roundup® affects behaviour, head regeneration and reproduction of the freshwater planarian *Girardia tigrina*.

Fate and effects of two pesticide formulations in the invertebrate *Folsomia candida* using a natural agricultural soil.

Monocytes as an Early Predictor for Patients with Acute Paraquat Poisoning: A Retrospective Analysis.

Glyphosate-based herbicides at low doses affect canonical pathways in estrogen positive and negative breast cancer cell lines.

Glyphosate induces benign monoclonal gammopathy and promotes multiple myeloma progression in mice.

Surgical treatment of pyloric stenosis caused by glyphosate poisoning: A case report.

Systematic review and meta-analysis of the efficacy and safety of immunosuppressive pulse therapy in the treatment of paraquat poisoning.

Auxinic herbicides induce oxidative stress on *Cnesterodon decemmaculatus* (Pisces: Poeciliidae).

Evaluating sub-lethal stress from Roundup® exposure in *Artemia franciscana* using ¹H NMR and GC-MS.

Combined cytotoxicity of co-exposure to aldehyde mixtures on human bronchial epithelial BEAS-2B cells.

A new split-luciferase complementation assay identifies pentachlorophenol as an inhibitor of apoptosome formation.

Mechanisms behind the atherothrombotic effects of acrolein, a review.

Development and application of a multispecies toxicity test with tropical freshwater microalgae.

Beclin 1, LC3, and p62 expression in paraquat-induced pulmonary fibrosis.

Human exposure to banned pesticides reported to the French Poison Control Centers: 2012-2016.

Parkinsonism Relating to Intoxication with Glyphosate.

Conditional Haploinsufficiency of β -Catenin Aggravates Neuronal Damage in a Paraquat-Based Mouse Model of Parkinson Disease.

[Clinical analysis of 6 cases of acute diquat poisoning].

Unravelling mesosulfuron-methyl phytotoxicity and metabolism-based herbicide resistance in *Alopecurus aequalis*: Insight into regulatory mechanisms using proteomics.

Foliar Roundup application has minor effects on the compositional and functional diversity of soil microorganisms in a short-term greenhouse experiment.

Leucine-rich repeat kinase-2 (LRRK2) modulates paraquat-induced inflammatory sickness and stress phenotype.

Impact of the glyphosate-based commercial herbicide, its components and its metabolite AMPA on non-target aquatic organisms.

Insight into the confusion over surfactant co-formulants in glyphosate-based herbicides.

Reactive oxygen species trigger the fast action of glufosinate.

Chemometric modeling of *Daphnia magna* toxicity of agrochemicals.

Toxicological effects of anthropogenic activities in *Geophagus brasiliensis* from a coastal river of southern Brazil: A biomarker approach.

Neuroprotective effects of PACAP against paraquat-induced oxidative stress in the *Drosophila* central nervous system.

Renal cortical hypoperfusion caused by glyphosate-surfactant herbicide.

Inhibition of mesenchymal stromal cells' chemotactic effect to ameliorate paraquat-induced pulmonary fibrosis.

Glimepiride prevents paraquat-induced Parkinsonism in mice: involvement of oxidative stress and neuroinflammation.

Blockade of Rapid Influx of Extracellular Zn(2+) into Nigral Dopaminergic Neurons Overcomes Paraquat-Induced Parkinson's Disease in Rats.

Inflammatory Effects of Subacute Exposure of Roundup in Rat Liver and Adipose Tissue.

[Establishment and evaluation of acute diquat poisoning model in Wistar rats].

[Doxycycline inhibits paraquat-induced pulmonary fibrosis via TGF- β 1/Smad pathway].

The significance of serum HMGB1 level in humans with acute paraquat poisoning.

Rosiglitazone attenuates paraquat-induced lung fibrosis in rats in a PPAR gamma-dependent manner.

Toxicity of diuron in HepG2 cells and zebrafish embryos.

How Glyphosate Impairs Liver Condition in the Field Lizard *Podarcis siculus* (Rafinesque-Schmaltz, 1810): Histological and Molecular Evidence.

Mutational signatures of redox stress in yeast single-strand DNA and of aging in human mitochondrial DNA share a common feature.

Toxicological Effects of Traumatic Acid and Selected Herbicides on Human Breast Cancer Cells: In Vitro Cytotoxicity Assessment of Analyzed Compounds.

Platelet-lymphocyte ratio is not a prognostic predictor for acute paraquat-intoxicated patients: A retrospective analysis.

Retrospective study of clinical features and prognosis of edaravone in the treatment of paraquat poisoning.

Histopathological and ultrastructural indices for the assessment of glyphosate-based herbicide cytotoxicity in decapod crustacean hepatopancreas.

Prenatal exposure to the herbicide 2,4-D is associated with deficits in auditory processing during infancy.

NF- κ B/mTOR-mediated autophagy can regulate diquat-induced apoptosis.

Acrolein Is Involved in the Synergistic Potential of Cigarette Smoking- and Betel Quid Chewing-Related Human Oral Cancer.

Laboratory and field tests for risk assessment of metsulfuron-methyl-based herbicides for soil fauna.

Paraquat Exposure Increases Oxidative Stress Within the Dorsal Striatum of Male Mice With a Genetic Deficiency in One-carbon Metabolism.

Pulmonary Tumor Thrombotic Microangiopathy Mimicking Inhalation Lung Injury.

Homicidal Paraquat Poisoning.

Rapamycin reduces mortality in acute-stage paraquat-induced toxicity in zebrafish.

Chemical profiling, cytotoxicity and phytotoxicity of foliar volatiles of *Hyptis suaveolens*.

Broad-scale effect of herbicides on functional properties in benthic invertebrate communities of rivers: An integrated analysis of biomonitoring and exposure evaluations.

The Alexipharmic Mechanisms of Five Licorice Ingredients Involved in CYP450 and Nrf2 Pathways in Paraquat-Induced Mice Acute Lung Injury.

Use of Pesticides and Health Risk among Farmers in Sunsari District, Nepal.

Pesticides use and exposure among yam farmers in the Nanumba traditional area of Ghana.

Assessment of Glyphosate Induced Epigenetic Transgenerational Inheritance of Pathologies and Sperm Epimutations: Generational Toxicology.

[Lung transplantation in patients with paraquat poisoning: a case report and literature review].

Melittin Exerts Beneficial Effects on Paraquat-Induced Lung Injuries In Mice by Modifying Oxidative Stress and Apoptosis.

TLR3 is involved in paraquat-induced acute renal injury.

Metabolomics Analysis in Acute Paraquat Poisoning Patients Based on UPLC-Q-TOF-MS and Machine Learning Approach.

The MEK/ERK/CREB signaling pathway is involved in atrazine induced hippocampal neurotoxicity in Sprague Dawley rats.

Mesenchymal Stem Cells Alleviate Acute Lung Injury and Inflammatory Responses Induced by Paraquat Poisoning.

What'S New in Shock, April 2019?

Metabolic profiling of amino acids in paraquat-induced acute kidney injury.

DNA damage exerted by mixtures of commercial formulations of glyphosate and imazethapyr herbicides in *Rhinella arenarum* (Anura, Bufonidae) tadpoles.

Role of bone marrow mesenchymal stem cells in the development of PQ-induced pulmonary fibrosis.

Antioxidant and cytoprotective effects of N-acetylcysteine against subchronic oral glyphosate-based herbicide-induced oxidative stress in rats.

NADPH oxidase regulates paraquat and maneb-induced dopaminergic neurodegeneration through ferroptosis.

Lack of adverse effects in subchronic and chronic toxicity/carcinogenicity studies on the glyphosate-resistant genetically modified maize NK603 in Wistar Han RCC rats.

High-Dose Paraquat Induces Human Bronchial 16HBE Cell Death and Aggravates Acute Lung Intoxication in Mice by Regulating Keap1/p65/Nrf2 Signal Pathway.

Inhibition of MAPKs Signaling Pathways Prevents Acrolein-Induced Neurotoxicity in HT22 Mouse Hippocampal Cells.

Paraquat affects the differentiation of neural stem cells and impairs the function of vascular endothelial cells: a study of molecular mechanism.

Is soil contamination by a glyphosate commercial formulation truly harmless to non-target plants? - Evaluation of oxidative damage and antioxidant responses in tomato.

2,4-Dichlorophenoxyacetic acid containing herbicide impairs essential visually guided behaviors of larval fish.

Effects of glyphosate and aminomethylphosphonic acid on an isogenic model of the human blood-brain barrier.

Combined effects of pentachlorophenol and its byproduct hexachlorobenzene on endocrine and reproduction in zebrafish.

The GMO90+ Project: Absence of Evidence for Biologically Meaningful Effects of Genetically Modified Maize-based Diets on Wistar Rats After 6-Months Feeding Comparative Trial.

Developmental effects of neonatal fractionated co-exposure to low-dose gamma radiation and paraquat on behaviour in adult mice.

The Impact of Agent Orange Exposure on Prostate Cancer Outcomes.

Short-term glucose dysregulation following acute poisoning with organophosphorus insecticides but not herbicides, carbamate or pyrethroid insecticides in South Asia.

Use of qSOFA Score in Predicting the Outcomes of Patients With Glyphosate Surfactant Herbicide Poisoning Immediately Upon Arrival at the Emergency Department.

Protective effects of 3^β-angeloyloxy-8^β, 10^β-dihydroxyremophila-7(11)-en-12, 8^β-lactone on paraquat-induced oxidative injury in SH-SY5Y cells.

Intra-abdominal follicular lymphoma masquerading as severe cardiopulmonary disease in a Vietnam War veteran exposed to agent orange.

Prenatal and infant exposure to ambient pesticides and autism spectrum disorder in children: population based case-control study.

Quantitative and Site-Specific Chemoproteomic Profiling of Targets of Acrolein.

Subchronic low-dose 2,4-D exposure changed plasma acylcarnitine levels and induced gut microbiome perturbations in mice.

The Ramazzini Institute 13-week pilot study glyphosate-based herbicides administered at human-equivalent dose to Sprague Dawley rats: effects on development and endocrine system.

Acute toxic limbic encephalopathy following glyphosate intoxication.

The life-threatening rash of poisoning.

Comment on 'Perinatal exposure to a glyphosate-based herbicide impairs female reproductive outcomes and induces second-generation adverse effects in Wistar rats', Arch Toxicol 92:2629-2643 : On the impairment of female reproductive performance by developmental exposure to a glyphosate-based herbicide.

Toxicological impact of oxyfluorfen 24% herbicide on the reproductive system, antioxidant enzymes, and endocrine disruption of *Biomphalaria alexandrina* (Ehrenberg, 1831) snails.

Learning and memory impairments associated to acetylcholinesterase inhibition and oxidative stress following glyphosate based-herbicide exposure in mice.

Tribolium castaneum as a whole-animal screening system for the detection and characterization of neuroprotective substances.

Impact, recovery and carryover effect of Roundup® on predator recognition in common spiny loach, *Lepidocephalichthys thermalis*.

Maternal pentachlorophenol exposure induces developmental toxicity mediated by autophagy on pregnancy mice.

Hepatotoxicity and reproductive disruption in male lizards (*Eremias argus*) exposed to glufosinate-ammonium contaminated soil.

Cellular uptake of paraquat determines subsequent toxicity including mitochondrial damage in lung epithelial cells.

Effects of cypermethrin (pyrethroid), glyphosate and chlorpyrifos (organophosphorus) on the endocrine and immune system of *Salvator merianae* (Argentine tegu).

Fenoxaprop-ethyl affects mouse oocyte quality and the underlying mechanisms.

Alleviation of paraquat-induced oxidative lung injury by betaine via regulation of sulfur-containing amino acid metabolism despite the lack of betaine-homocysteine methyltransferase (BHMT) in the lung.

Analysis of Acrolein-Derived 1, N(2)-Propanodeoxyguanosine Adducts in Human Lung DNA from Smokers and Nonsmokers.

Burden of paraquat poisoning in the department of Antioquia, Colombia.

[Clinical effect of haemoperfusion combined with continuous veno-veno haemofiltration in treatment of paraquat poisoning: a Meta-analysis].

Successful extracorporeal membrane oxygenation support for severe acute diquat and glyphosate poisoning: A case report.

Cyanobacterial antimetabolite 7-deoxy-sedoheptulose blocks the shikimate pathway to inhibit the growth of prototrophic organisms.

Acute exposure to a glyphosate-containing herbicide formulation inhibits Complex II and increases hydrogen peroxide in the model organism *Caenorhabditis elegans*.

Aspirin-triggered resolvin D1 alleviates paraquat-induced acute lung injury in mice.

Effects of AT-RvD1 on paraquat-induced acute renal injury in mice.

Histological evaluation of vital organs of the livebearer *Jenynsia multidentata* (Jenyns, 1842) exposed to glyphosate: A comparative analysis of Roundup(®) formulations.

The effects of 3 fish oil emulsion-based parenteral nutrition plus combination treatment for acute paraquat poisoning.

Adverse effects of acrolein, a ubiquitous environmental toxicant, on muscle regeneration and mass.

Increased 90-Day Mortality in Spontaneously Breathing Patients With Paraquat Poisoning: In Addition to Disease Severity, Lung Strain May Play a Role.

Ambient Particulate Matter and Acrolein Co-Exposure Increases Myocardial Dyssynchrony in Mice via TRPA1.

Exogenous Tetranectin Protects Against 1-Methyl-4-Phenylpyridine-Induced Neurotoxicity by Inhibiting Apoptosis and Autophagy Through Ribosomal Protein S6 Kinase Beta-1.

Sodium tanshinone IIA sulfate protects myocardium against paraquat-induced toxicity through activating the Nrf2 signaling pathway in rats.

Identification of intermediates, acute toxicity removal, and kinetics investigation to the Ametryn treatment by direct photolysis (UV(254)), UV(254)/H(2)O(2), Fenton, and photo-Fenton processes.

Environmental Control of Astrocyte Pathogenic Activities in CNS Inflammation.

Claudins, VEGF, Nrf2, Keap1, and Nonspecific Airway Hyper-Responsivity Are Increased in Mice Co-Exposed to Allergen and Acrolein.

Resveratrol improves intestinal barrier function, alleviates mitochondrial dysfunction and induces mitophagy in diquat challenged piglets(1).

A Synthetic Receptor as a Specific Antidote for Paraquat Poisoning.

Epigenetic disruption of estrogen receptor alpha is induced by a glyphosate-based herbicide in the preimplantation uterus of rats.

Linalool- and α -terpineol-induced programmed cell death in *Chlamydomonas reinhardtii*.

Using mathematical modeling to infer the valence state of arsenicals in tissues: A PBPK model for dimethylarsinic acid (DMA(V)) and dimethylarsinous acid (DMA(III)) in mice.

Paraquat and Parkinson's disease: a systematic review and meta-analysis of observational studies.

Protective Effect of Taurine on Paraquat-Induced Lung Epithelial Cell Injury.

Pequi enriched diets protect *Drosophila melanogaster* against paraquat-induced locomotor deficits and oxidative stress.

Development, characterisation and efficacy evaluation of biochemical fungicidal formulations for postharvest control of anthracnose (*Colletotrichum gloeosporioides* Penz) disease in mango.

Degradation of atrazine by catalytic ozonation in the presence of iron scraps: performance, transformation pathway, and acute toxicity.

Effects of s-metolachlor on early life stages of marbled crayfish.

Increasing tolerance to bispyribac-sodium is able to allow glutathione homeostasis to recover in indica rice compared with japonica rice.

Bacopa monnieri Supplements Offset Paraquat-Induced Behavioral Phenotype and Brain Oxidative Pathways in Mice.

Changes in hemocytes of *Biomphalaria glabrata* infected with *Echinostoma paraensei* and exposed to glyphosate-based herbicide.

Roundup® Herbicide Decreases Quality Parameters of Spermatozoa of Silversides *Odontesthes Humensis*.

Neuroprotective action of Eicosapentaenoic (EPA) and Docosahexaenoic (DHA) acids on Paraquat intoxication in *Drosophila melanogaster*.

Paraquat exposure and Parkinson's disease: A systematic review and meta-analysis.

Comment on: Perinatal exposure to a glyphosate-based herbicide impairs female reproductive outcomes and induces second-generation adverse effects in Wistar rats.

Oxadiazon affects the expression and activity of aldehyde dehydrogenase and acylphosphatase in human striatal precursor cells: A possible role in neurotoxicity.

Biomarkers at different levels of organisation after atrazine formulation (SIPTRAN 500SC(®)) exposure in *Rhinella schneideri* (Anura: Bufonidae) Neotropical tadpoles.

Atrazine exposure triggers common carp neutrophil apoptosis via the CYP450s/ROS pathway.

Short-term to long-term extrapolation of lethal effects of an herbicide on the marine mysid shrimp *Americamysis Bahía* by use of the General Unified Threshold Model of Survival (GUTS).

Carfentrazone-ethyl and glyphosate drift inhibits uredinial formation of *Austropuccinia psidii* on *Eucalyptus grandis* leaves.

Prognostic factor determination mortality of acute glufosinate-poisoned patients.

Cinnamaldehyde and Phenyl Ethyl Alcohol promote the entrapment of intermediate species of HEWL, as revealed by structural, kinetics and thermal stability studies.

Cinnamaldehyde inhibits type three secretion system in *Salmonella enterica* serovar Typhimurium by affecting the expression of key effector proteins.

Dual drug-loaded cubic liquid crystal gels for transdermal delivery: inner structure and percutaneous mechanism evaluations.

The effect of coniferaldehyde on neurite outgrowth in neuroblastoma Neuro2a cells.

Loss of methionine sulfoxide reductases increases resistance to oxidative stress.

In vitro activity of carvacrol, cinnamaldehyde and thymol combined with antifungals against *Malassezia pachydermatis*.

The effects of Cinnamaldehyde on early brain injury and cerebral vasospasm following experimental subarachnoid hemorrhage in rabbits.

Side Effects of Coronary Stenting such as Severe Coronary Stenosis and Multiple Coronary Chronic Total Occlusions in Elderly Patients via Induced Proinflammatory and Prooxidative Stress.

Cinnamaldehyde inhibits *Candida albicans* growth by causing apoptosis and its treatment on vulvovaginal candidiasis and oropharyngeal candidiasis.

Cardioprotective Effects of Atorvastatin Are Mediated Through PPAR γ in Paraquat-Exposed Rats.

Trans-cinnamaldehyde improves neuroinflammation-mediated NMDA receptor dysfunction and memory deficits through blocking NF- κ B pathway in presenilin1/2 conditional double knockout mice.

Characterization of the Basic Membrane Properties of Neurons of the Rat Dorsal Motor Nucleus of the Vagus in Paraquat-Induced Models of Parkinsonism.

Trans-cinnamaldehyde shows anti-depression effect in the forced swimming test and possible involvement of the endocannabinoid system.

Conjugal multiple system atrophy: Chance, shared risk factors, or evidence of transmissibility?

Cinnamaldehyde enhances apoptotic effect of oxaliplatin and reverses epithelial-mesenchymal transition and stemness in hypoxic colorectal cancer cells.

Effect of Fenofibrate on the Expression of Inflammatory Mediators in a Diabetic Rat Model.

Association of plasma folate, vitamin B12 levels, and arsenic methylation capacity with developmental delay in preschool children in Taiwan.

Evaluation of relaxant responses properties of cinnamon essential oil and its major component, cinnamaldehyde on human and rat corpus cavernosum.

Clock-Bmal1 mediates MMP9 induction in acrolein-promoted atherosclerosis associated with gut microbiota regulation.

Neuroprotective Effects of Methylene Blue In Vivo and In Vitro.

Neuroprotective Effects of Methanolic Extract of Avocado Persea americana (var. Colinred) Peel on Paraquat-Induced Locomotor Impairment, Lipid Peroxidation and Shortage of Life Span in Transgenic knockdown Parkin Drosophila melanogaster.

Vaporized E-Cigarette Liquids Induce Ion Transport Dysfunction in Airway Epithelia.

Effect of Vasicinone against Paraquat-Induced MAPK/p53-Mediated Apoptosis via the IGF-1R/PI3K/AKT Pathway in a Parkinson's Disease-Associated SH-SY5Y Cell Model.

Cinnamaldehyde attenuates atherosclerosis via targeting the $\text{I}\hat{\text{I}}^{\text{a}}\text{B}/\text{NF-}\hat{\text{I}}^{\text{a}}\text{B}$ signaling pathway in high fat diet-induced ApoE(-/-) mice.

Speciation analysis of arsenic in urine samples from APL patients treated with single agent As(2)O(3) by HPLC-HG-AFS.

The relationship between acrolein and oxidative stress in COPD: in systemic plasma and in local lung tissue.

Cinnamaldehyde Ameliorates High-Glucose-Induced Oxidative Stress and Cardiomyocyte Injury Through Transient Receptor Potential Ankyrin 1.

Acrolein-mediated alpha-synuclein pathology involvement in the early post-injury pathogenesis of mild blast-induced Parkinsonian neurodegeneration.

Photobiomodulation therapy reduces acute pain and inflammation in mice.

Altered gastric tone and motility response to brain-stem dopamine in a rat model of parkinsonism.

Doxycycline alleviates paraquat-induced acute lung injury by inhibiting neutrophil-derived matrix metalloproteinase 9.

Oxidative stress in vagal neurons promotes parkinsonian pathology and intercellular $\hat{\text{I}}^{\text{I}}\text{-synuclein}$ transfer.

Paraquat Preferentially Induces Apoptosis of Late Stage Effector Lymphocyte and Impairs Memory Immune Response in Mice.

Anti-oxidant and anti-inflammatory effects of cinnamaldehyde and eugenol on mononuclear cells of rheumatoid arthritis patients.

Effects of pesticides on exposure and susceptibility to parasites can be generalised to pesticide class and type in aquatic communities.

Combined effect of conventional antimicrobials with essential oils and their main components against resistant *Streptococcus suis* strains.

trans-Cinnamaldehyde mitigated intestinal inflammation induced by *Cronobacter sakazakii* in newborn mice.

Anti-inflammatory effect of trans-4-methoxycinnamaldehyde from *Etilingera pavieana* in LPS-stimulated macrophages mediated through inactivation of NF- κ B and JNK/c-Jun signaling pathways and in rat models of acute inflammation.

Trans-Cinnamaldehyde Inhibits IL-1 β -Stimulated Inflammation in Chondrocytes by Suppressing NF- κ B and p38-JNK Pathways and Exerts Chondrocyte Protective Effects in a Rat Model of Osteoarthritis.

Efficacy of plant-derived antimicrobials for controlling *Salmonella Schwarzengrund* on dry pet food.

Combined treatment with 2'-hydroxycinnamaldehyde and temozolomide suppresses glioblastoma tumorspheres by decreasing stemness and invasiveness.

The inhibition of hypoxia-induced angiogenesis and metastasis by cinnamaldehyde is mediated by decreasing HIF-1 α protein synthesis via PI3K/Akt pathway.

Activation of Nrf2 attenuates delayed gastric emptying in obesity induced diabetic (T2DM) female mice.

Cinnamaldehyde regulates H₂O₂-induced skeletal muscle atrophy by ameliorating the proteolytic and antioxidant defense systems.

Topical Application of Cinnamaldehyde Promotes Faster Healing of Skin Wounds Infected with *Pseudomonas aeruginosa*.

Time course of arsenic species in red blood cells of acute promyelocytic leukemia (APL) patients treated with single agent arsenic trioxide.

Selective mitochondrial superoxide generation in vivo is cardioprotective through hormesis.

Exposure to atrazine during puberty reduces sperm viability, increases weight gain and alters the expression of key metabolic genes in the liver of male mice.

Upregulated lncRNA small nucleolar RNA host gene 1 promotes 1-methyl-4-phenylpyridinium ion-induced cytotoxicity and reactive oxygen species production through miR-15b-5p/GSK3 β axis in human dopaminergic SH-SY5Y cells.

Protective effects of febuxostat against paraquat-induced lung toxicity in rats: Impact on RAGE/PI3K/Akt pathway and downstream inflammatory cascades.

Inhibition of the Nrf2/HO-1 Axis Suppresses the Mitochondria-Related Protection Promoted by Gastrodin in Human Neuroblastoma Cells Exposed to Paraquat.

Acid-responsive nanoparticles as a novel oxidative stress-inducing anticancer therapeutic agent for colon cancer.

Cinnamaldehyde and eugenol attenuates collagen induced arthritis via reduction of free radicals and pro-inflammatory cytokines.

Valuable Lung Injury Lessons From a Little Known Disease.

Suppression of miR-21 and miR-155 of macrophage by cinnamaldehyde ameliorates ulcerative colitis.

The Methodological Challenges of Using Veterans Benefits Administration Disability Codes to Ascertain Agent Orange Exposure Among Vietnam Theater Veterans With Service-connected Disabilities.

Cinnamaldehyde ameliorates STZ-induced rat diabetes through modulation of IRS1/PI3K/AKT2 pathway and AGEs/RAGE interaction.

Revisiting the Paraquat-Induced Sporadic Parkinson's Disease-Like Model.

Overview of Biotechnology-Derived Herbicide Tolerance and Insect Resistance Traits in Plant Agriculture.

Mitochondrial superoxide generation induces a parkinsonian phenotype in zebrafish and huntingtin aggregation in human cells.

Urinary acrolein metabolite levels in severe acute alcoholic hepatitis patients.

The potential role of acrolein in plant ferroptosis-like cell death.

Herbicide-tolerant endophytic bacteria of rice plants as the biopriming agents for fertility recovery and disease suppression of unhealthy rice seeds.

Assessment of hematological, hepato-renal, antioxidant, and hormonal responses of *Clarias gariepinus* exposed to sub-lethal concentrations of oxyfluorfen.

Short-term developmental toxicity and potential mechanisms of the herbicide metamifop to zebrafish (*Danio rerio*) embryos.

Auxin protects *Arabidopsis thaliana* cell suspension cultures from programmed cell death induced by the cellulose biosynthesis inhibitors thaxtomin A and isoxaben.

Short-chain lipid peroxidation products form covalent adducts with pyruvate kinase and inhibit its activity in vitro and in breast cancer cells.

Mitochondrial Oxidative Stress Impairs Energy Metabolism and Reduces Stress Resistance and Longevity of *C. elegans*.

Mitigating the risk of atrazine exposure: Identifying hot spots and hot times in surface waters across Nebraska, USA.

Dietary determinants of inorganic arsenic exposure in the Strong Heart Family Study.

Forkhead box O3 protects the heart against paraquat-induced aging-associated phenotypes by upregulating the expression of antioxidant enzymes.

Cellular Uptake and Clearance of Oxidatively-modified Apolipoprotein E3 by Cerebral Cortex Endothelial Cells.

The effect of cinnamaldehyde on passive avoidance memory and hippocampal Akt, ERK and GSK-3 β in mice.

Anti-cancer effects of cinnamon: Insights into its apoptosis effects.

Effects of flavoring compounds used in electronic cigarette refill liquids on endothelial and vascular function.

Toxicity of atrazine and the products of its homogeneous photocatalytic degradation on the aquatic organisms *Lemna minor* and *Daphnia magna*.

2,4-D causes oxidative stress induction and apoptosis in human dental pulp stem cells (hDPSCs).

Effect of in vitro glyphosate on *Fusarium* spp. growth and disease severity in maize.

Loss of RNA binding protein, human antigen R enhances mitochondrial elongation by regulating Drp1 expression in SH-SY5Y cells.

Metabolism and disposition of arsenic species from controlled dosing with dimethylarsinic acid (DMA(V)) in adult female CD-1 mice. V. Toxicokinetic studies following oral and intravenous administration.

Cinnamaldehyde protects from methylglyoxal-induced vascular damage: Effect on nitric oxide and advanced glycation end products.

A urinary metabolomics study of a Polish subpopulation environmentally exposed to arsenic.

Inorganic arsenic exposure and neuropsychological development of children of 4-5 years of age living in Spain.

Impairment of testicular function in electronic cigarette (e-cig, e-cigs) exposed rats under low-voltage and nicotine-free conditions.

Biological effect of protein modifications by lipid peroxidation products.

Common E-Cigarette Flavoring Chemicals Impair Neutrophil Phagocytosis and Oxidative Burst.

Possible involvement of transcriptional activation of nuclear factor erythroid 2-related factor 2 (Nrf2) in the protective effect of caffeic acid on paraquat-induced oxidative damage in *Drosophila melanogaster*.

Chlorogenic acid prevents paraquat-induced apoptosis via Sirt1-mediated regulation of redox and mitochondrial function.

Alkaline Ceramidase Mediates the Oxidative Stress Response in *Drosophila melanogaster* Through Sphingosine.

Pentachlorophenol-induced cytotoxicity in human erythrocytes: enhanced generation of ROS and RNS, lowered antioxidant power, inhibition of glucose metabolism, and morphological changes.

The effects of cinnamaldehyde on acute or chronic stress-induced anxiety-related behavior and locomotion in male mice.

â€¦ Fell Upas Sits, the Hydra-Tree of Death (â€¦), or the Phytotoxicity of Trees.

Interaction of methyl viologen-induced chloroplast and mitochondrial signalling in Arabidopsis.

Removal of batch effects using stratified subsampling of metabolomic data for in vitro endocrine disruptors screening.

Glyphosate disrupts redox status and up-regulates metallothionein I and II genes expression in the liver of adult rats. Alleviation by quercetin.

Cinnamaldehyde in flavored e-cigarette liquids temporarily suppresses bronchial epithelial cell ciliary motility by dysregulation of mitochondrial function.

Redox-dependent catalase mimetic cerium oxide-based nanozyme protect human hepatic cells from 3-AT induced acatalasemia.

Lignan and flavonoid support the prevention of cinnamon against oxidative stress related diseases.

Response to The Methodological Challenges of Using Veterans Benefits Administration Disability Codes to Ascertain Agent Orange Exposure Among Vietnam Theater Veterans With Service-connected Disabilities.

Reduced Absorption and Impaired Translocation Endows Glyphosate Resistance in *Amaranthus palmeri* Harvested in Glyphosate-Resistant Soybean from Argentina.

Metabolic activity testing can underestimate acute drug cytotoxicity as revealed by HepG2 cell clones overexpressing cytochrome P450 2C19 and 3A4.

Carnosine protects cardiac myocytes against lipid peroxidation products.

Effective attenuation of glyphosate-induced oxidative stress and granulosa cell apoptosis by vitamins C and E in caprines.

Serum Proteomic Profiling Analysis of Rats Chronically Exposed to Arsenic.

Serum P-Cresyl Sulfate Is a Predictor of Central Arterial Stiffness in Patients on Maintenance Hemodialysis.

Siderophore (from *Synechococcus* sp. PCC 7002)-Chelated Iron Promotes Iron Uptake in Caco-2 Cells and Ameliorates Iron Deficiency in Rats.

Studies on Dibenzylamines as Inhibitors of Venezuelan Equine Encephalitis Virus.

[Brain abscess revealing trilogy of Fallot in a child: about a case at the University Teaching Hospital of Parakou, Benin].

Geographic distribution and environmental risk factors of lymphoma in dogs under primary-care in the UK.

Activation of aryl hydrocarbon receptor by dioxin directly shifts gut microbiota in zebrafish.

Aryl hydrocarbon receptor pathway: Role, regulation and intervention in atherosclerosis therapy (Review).

Transgenerational impairment of ovarian induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) associated with Igf2 and H19 in adult female rat.

Environmental challenges for the nervous system and the brain in Japan.

Disease modifying mitochondrial uncouplers, MP101, and a slow release ProDrug, MP201, in models of Multiple Sclerosis.

The gut microbiota and its relationship with chronic kidney disease.

First steps in the development of a liquid biopsy in situ hybridization protocol to determine circular RNA biomarkers in rat biofluids.

Environmental exposures in young adults with declining kidney function in a population at risk of Mesoamerican nephropathy.

Simultaneous quantification of estrogens and glucocorticoids in human adipose tissue by liquid-chromatography-tandem mass spectrometry.

An intra-amniotic injection of mesenchymal stem cells promotes lung maturity in a rat congenital diaphragmatic hernia model.

LncRNA-241 inhibits 1,2-Dichloroethane-induced hepatic apoptosis.

Mitochondrial Uncoupling Coordinated With PDH Activation Safely Ameliorates Hyperglycemia via Promoting Glucose Oxidation.

Indoxyl sulfate associates with cardiovascular phenotype in children with chronic kidney disease.

High fat diet deteriorates the memory impairment induced by arsenic in mice: a sub chronic in vivo study.

Clinical association between the metabolite of healthy gut microbiota, 3-indolepropionic acid and chronic kidney disease.

Carbon Nanotube/Conducting Polymer Hybrid Nanofibers as Novel Organic Bioelectronic Interfaces for Efficient Removal of Protein-Bound Uremic Toxins.

Prostate Cancer-associated SPOP mutations enhance cancer cell survival and docetaxel resistance by upregulating Caprin1-dependent stress granule assembly.

Star-PAP controlled alternative polyadenylation coupled poly(A) tail length regulates protein expression in hypertrophic heart.

Plasma Metabolic Profiling Analysis of Gout Party on Acute Gout Arthritis Rats Based on UHPLC-Q-TOF/MS Combined with Multivariate Statistical Analysis.

Expression and Functional Analysis of Hepcidin from Mandarin Fish (*Siniperca chuatsi*).

Metabolomics for improved treatment monitoring of phenylketonuria: urinary biomarkers for non-invasive assessment of dietary adherence and nutritional deficiencies.

(11)C-Labeled Pictilisib (GDC-0941) as a Molecular Tracer Targeting Phosphatidylinositol 3-Kinase (PI3K) for Breast Cancer Imaging.

Extracorporeal treatment in children with acute severe poisoning.

Lesion of the Locus Coeruleus Damages Learning and Memory Performance in Paraquat and Maneb-induced Mouse Parkinson's Disease Model.

Common differentially expressed proteins were found in mouse cleft palate models induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin and retinoic acid.

Exosomal MALAT1 derived from hepatic cells is involved in the activation of hepatic stellate cells via miRNA-26b in fibrosis induced by arsenite.

Discovery of HWL-088: A highly potent FFA1/GPR40 agonist bearing a phenoxyacetic acid scaffold.

Functions of aryl hydrocarbon receptor (AHR) and CD38 in NAD metabolism and nonalcoholic steatohepatitis (NASH).

Increase of core temperature affected the progression of kidney injury by repeated heat stress exposure.

Associations between persistent organic pollutants and risk of breast cancer metastasis.

In utero dioxin exposure and cardiometabolic risk in the Seveso Second Generation Study.

Administration of ferrous sulfate drops has significant effects on the gut microbiota of iron-sufficient infants: a randomised controlled study.

NLRX1 Regulation Following Acute Mitochondrial Injury.

In Vitro and In Vivo Evaluations of Mesoporous Iron Particles for Iron Bioavailability.

Radiomics Nomogram Analyses for Differentiating Pneumonia and Acute Paraquat Lung Injury.

Alternative Protein and Iron Sources from Edible Insects but Not *Solanum torvum* Improved Body Composition and Iron Status in Malnourished Rats.

Unambiguous Characterization of p-Cresyl Sulfate, a Protein-Bound Uremic Toxin, as Biomarker of Heart and Kidney Disease.

The effect of chronic vitamin deficiency and long term very low dose exposure to 6 pesticides mixture on neurological outcomes - A real-life risk simulation approach.

[Clinical observation on the inflammatory indexes in septic gastrointestinal dysfunction treated with acupuncture at Jiaji (EX-B 2)].

Epidemic of Chronic Kidney Disease of Nontraditional Etiology in El Salvador: Integrated Health Sector Action and South-South Cooperation.

Creatine is Neuroprotective to Retinal Neurons In Vitro But Not In Vivo.

Occupational Health and Safety in the Palm Oil Industry: A Systematic Review.

AhR Activation Leads to Massive Mobilization of Myeloid-Derived Suppressor Cells with Immunosuppressive Activity through Regulation of CXCR2 and MicroRNA miR-150-5p and miR-543-3p That Target Anti-Inflammatory Genes.

Metal-induced nephrotoxicity to diabetic and non-diabetic Wistar rats.

Magnetic nanoparticles-loaded liposomes as a novel treatment agent for iron deficiency anemia: In vivo study.

Impaired intestinal barrier function in a mouse model of hyperuricemia.

RNA processing bodies are disassembled during Old World alphavirus infection.

Dietary iron deficiency impaired intestinal immune function of on-growing grass carp under the infection of *Aeromonas hydrophila*: Regulation of NF- κ B and TOR signaling.

Oral ferrous citrate or ferrous sulfate use during predialysis may reduce serum phosphate level at dialysis initiation©.

NEAT1 is overexpressed in Parkinson's disease substantia nigra and confers drug-inducible neuroprotection from oxidative stress.

Design, synthesis and biological evaluation of novel FFA1/GPR40 agonists: New breakthrough in an old scaffold.

Killing Effects of IFN R(-/-) Mouse NK Cells Activated by HN Protein of NDV on Mouse Hepatoma Cells and Possible Mechanism with Syk and NF- κ B.

Pesticide use and risk of non-Hodgkin lymphoid malignancies in agricultural cohorts from France, Norway and the USA: a pooled analysis from the AGRICOH consortium.

The negative impact of the environment on methylation/epigenetic marking in gametes and embryos: A plea for action to protect the fertility of future generations.

Borax Alleviates Copper-Induced Renal Injury via Inhibiting the DNA Damage and Apoptosis in Rainbow Trout.

Comparison of ferrous sulfate, polymaltose complex and iron-zinc in iron deficiency anemia.

8-plex LC-MS/MS Analysis of Permethylated N-Glycans Achieved by Using Stable Isotopic Iodomethane.

Identification and Molecular Characterization of Superoxide Dismutases Isolated From A Scuticociliate Parasite: Physiological Role in Oxidative Stress.

Mass spectrometry-based urinary metabolomics for the investigation on the mechanism of action of *Eleutherococcus senticosus* (Rupr. & Maxim.) Maxim. leaves against ischemic stroke in rats.

Assessment of the carcinogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin using mouse embryonic stem cells to form teratoma in vivo.

Circular RNA TLK1 Aggravates Neuronal Injury and Neurological Deficits after Ischemic Stroke via miR-335-3p/TIPARP.

Development and validation of a UHPLC-MS/MS method for measurement of a gut-derived uremic toxin panel in human serum: An application in patients with kidney disease.

Novel polymerase spiral reaction assay for the visible molecular detection of porcine circovirus type 3.

Flow Cytometry Reveals the Nature of Oncotic Cells.

An assessment for diagnostic and therapeutic modalities for management of pediatric Iron deficiency Anemia in Saudi Arabia: a cross-sectional study.

Asymptomatic Helicobacter Pylori Infection in Preschool Children and Young Women Does Not Predict Iron Bioavailability from Iron-Fortified Foods.

Tissue-Specific Peculiarities of Vibration-Induced Hypoxia in Rabbit Liver and Kidney.

Food as medicine: Selenium enriched lentils offer relief against chronic arsenic poisoning in Bangladesh.

2,3,7,8-Tetrachlorodibenzo-p-dioxin promotes injury-induced vascular neointima formation in mice.

Aryl Hydrocarbon Receptor Signaling Prevents Activation of Hepatic Stellate Cells and Liver Fibrogenesis in Mice.

Multi-Compartment Profiling of Bacterial and Host Metabolites Identifies Intestinal Dysbiosis and Its Functional Consequences in the Critically Ill Child.

Novel diterpenoid-type activators of the Keap1/Nrf2/ARE signaling pathway and their regulation of redox homeostasis.

NO/cGMP/PKG activation protects Drosophila cells subjected to hypoxic stress.

Understanding Environmental Contaminants' Direct Effects on Non-alcoholic Fatty Liver Disease Progression.

Role of epigenetic regulation of Igf2 and H19 in 2,3,7,8-Tetrachlorobenzo-p-dioxin (TCDD)-induced ovarian toxicity in offspring rats.

Targetome analysis of chaperone-mediated autophagy in cancer cells.

Atypical myopathy-associated hypoglycin A toxin remains in sycamore seedlings despite mowing, herbicidal spraying or storage in hay and silage.

CDK4/6 inhibitor palbociclib suppresses IgE-mediated mast cell activation.

Does Improvement of Low Serum Ferritin Improve Symptoms of Restless Legs Syndrome in a Cohort of Pediatric Patients?

Incidence and mortality trends and geographic patterns of follicular lymphoma in Canada.

Daily versus twice daily dose of ferrous sulphate supplementation in pregnant women: A randomized clinical trial.

Evaluating the efficacy of a ferrous-ion-chelating peptide from Alaska pollock frame for the improvement of iron nutritional status in rats.

A case of fatal 2,4-dinitrophenol (2,4-DNP) intoxication with delayed onset methaemoglobinaemia.

Death is in the air: Confirmation of decomposition without a corpse.

Protective effect of gallic acid against arsenic-induced anxiety-/depression- like behaviors and memory impairment in male rats.

The potential therapeutic benefit of resveratrol on Th17/Treg imbalance in immune thrombocytopenic purpura.

Effects of dietary fat on gut microbiota and faecal metabolites, and their relationship with cardiometabolic risk factors: a 6-month randomised controlled-feeding trial.

The role of posttranslational modifications of α -synuclein and LRRK2 in Parkinson's disease: Potential contributions of environmental factors.

Establishing a role for environmental toxicant exposure induced epigenetic remodeling in malignant transformation.

Oxidative Stress and Genomic Damage Induced In Vitro in Human Peripheral Blood by Two Preventive Treatments of Iron Deficiency Anemia.

Iron bioavailability of four iron sources used to fortify infant cereals, using anemic weaning pigs as a model.

Industrial, Biocide, and Cosmetic Chemical Inducers of Cholestasis.

LC-MS/MS study of the degradation processes of nitisinone and its by-products.

Childhood Drug and Non-Drug Poisoning in Nigeria: An Economic Appraisal.

Comparison of iron-reduced and iron-supplemented semisynthetic diets in T cell transfer colitis.

A Bifunctional Adsorber Particle for the Removal of Hydrophobic Uremic Toxins from Whole Blood of Renal Failure Patients.

Effects of Aryl Hydrocarbon Receptor Deficiency on PCB-77-Induced Impairment of Glucose Homeostasis during Weight Loss in Male and Female Obese Mice.

Selective Transport of Protein-Bound Uremic Toxins in Erythrocytes.

Gene expression alterations of human liver cancer cells following borax exposure.

Advances in nanomaterials for use in photothermal and photodynamic therapeutics (Review).

Development of a rapid viability polymerase chain reaction method for detection of *Yersinia pestis*.

Stress granules are formed in renal proximal tubular cells during metabolic stress and ischemic injury for cell survival.

Improving rates of ferrous sulfate prescription for suspected iron deficiency anaemia in infants.

Bioaccumulation, behavior changes and physiological disruptions with gender-dependent in lizards (*Eremias argus*) after exposure to glufosinate-ammonium and l-glufosinate-ammonium.

Antioxidant, immunomodulatory, oxidative stress inhibitory and iron supplementation effect of Astragalus membranaceus polysaccharide-iron (III) complex on iron-deficiency anemia mouse model.

Molecular analysis and genotyping of pathogenicity locus in *Clostridioides difficile* strains isolated from patients in Tehran hospitals during the years 2007-2010.

Persistent organic pollutants, pesticides, and the risk of thyroid cancer: systematic review and meta-analysis.

Cardioprotective properties of opioid receptor agonists in rats with stress-induced cardiac injury.

The AtHSP17.4C1 Gene Expression Is Mediated by Diverse Signals that Link Biotic and Abiotic Stress Factors with ROS and Can Be a Useful Molecular Marker for Oxidative Stress.

In Vitro and In Vivo Anti-Breast Cancer Activities of Some Newly Synthesized 5-(thiophen-2-yl)thieno-[2,3-d]pyrimidin-4-one Candidates.

[Effect of electroacupuncture at "Jiaji" (EX-B 2) points combined with nerve mobilization on motor function and mRNA and protein expression of RhoA in rabbits with sciatic nerve injury].

Extragenital cutaneous warts - clinical presentation, diagnosis and treatment.

Regeneration and evaluation of somaclones of sugarcane variety Co86032 for yellow leaf disease resistance and yield traits.

Role of dantrolene in dinitrophenol (DNP) overdose: A continuing question?

Rapid Analysis of Effects of Environmental Toxicants on Tumorigenesis and Inflammation Using a Transgenic Zebrafish Model for Liver Cancer.

Arsenic and sulfur dioxide co-exposure induce renal injury via activation of the NF- κ B and caspase signaling pathway.

Grapevine trunk diseases under thermal and water stresses.

Association of the human aryl hydrocarbon receptor repressor (AhRR)-c.565C>G transversion with male infertility: A case-control study from Iran.

Preventing complications by persistence with iron replacement therapy: a comprehensive literature review.

Wound healing potential of oil extracted from *Parrotiopsis jacquemontiana* (Decne) Rehder.

Disruption of Telomere Integrity and DNA Repair Machineries by KML001 Induces T Cell Senescence, Apoptosis, and Cellular Dysfunctions.

The Effect of Sevelamer on Serum Levels of Gut-Derived Uremic Toxins: Results from In Vitro Experiments and A Multicenter, Double-Blind, Placebo-Controlled, Randomized Clinical Trial.

High temperature aggravates the effects of pesticides in goldfish.

3-Methylcholanthrene Induces Chylous Ascites in TCDD-Inducible Poly-ADP-Ribose Polymerase (Tiparp) Knockout Mice.

Comparative liver function assessment of natural and available drug (Ferrous sulfate) for iron-deficiency anemia in rat model.

Chronic Interstitial Nephritis in Agricultural Communities (CINAC) in Sri Lanka.

Rescue of degenerating neurons and cells by stem cell released molecules: using a physiological renormalization strategy.

Consumption of Galacto-Oligosaccharides Increases Iron Absorption from Ferrous Fumarate: A Stable Iron Isotope Study in Iron-Depleted Young Women.

A Study on Deliberately Self-Poisoned In-Hospital Patients in a Tertiary Health Care Center in Northeast India: A Cross-Sectional Review.

Inorganic arsenic exposure induces sex-disparate effects and exacerbates ischemia-reperfusion injury in the female heart.

Pulmonary hypertension secondary to congenital diaphragmatic hernia: factors and pathways involved in pulmonary vascular remodeling.

Prenatal exposure to organohalogen compounds and children's mental and motor development at 18 and 30 months of age.

Increasing the removal of protein-bound uremic toxins by liposome-supported hemodialysis.

Prenatal microRNA miR-200b Therapy Improves Nitrofen-induced Pulmonary Hypoplasia Associated With Congenital Diaphragmatic Hernia.

Environmental toxins and the impact of other endocrine disrupting chemicals in women's reproductive health.

RYR1 Sequence Variants in Myopathies: Expression and Functional Studies in Two Families.

Intracellular Fe(2+) accumulation in endothelial cells and pericytes induces blood-brain barrier dysfunction in secondary brain injury after brain hemorrhage.

The proportion of alveolar type 1 cells decreases in murine hypoplastic congenital diaphragmatic hernia lungs.

Development of the LC-MS/MS method for determining the p-cresol level in plasma.

Characterization of dissolved organic carbon in shallow groundwater of chronic kidney disease affected regions in Sri Lanka.

Measuring serum total and free indoxyl sulfate and p-cresyl sulfate in chronic kidney disease using UPLC-MS/MS.

The 2nd to 4th digit length ratio (2D:4D) among children of Seveso women exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Inhibition of NADPH oxidase by apocynin prevents learning and memory deficits in a mouse Parkinson's disease model.

Respiratory analysis as a tool to detect physiological changes in Anisakis larvae subjected to stress.

Improved dialysis removal of protein-bound uremic toxins by salvianolic acids.

Mangiferin alleviates arsenic induced oxidative lung injury via upregulation of the Nrf2-HO1 axis.

MIF inhibition enhances pulmonary angiogenesis and lung development in congenital diaphragmatic hernia.

Use of a Probiotic to Enhance Iron Absorption in a Randomized Trial of Pediatric Patients Presenting with Iron Deficiency.

Excess active P13K rescues huntingtin-mediated neuronal cell death but has no effect on axonal transport defects.

2,3,7,8-tetrachlorodibenzo-p-dioxin suppresses the growth of human colorectal cancer cells in vitro: Implication of the aryl hydrocarbon receptor signaling.

Effect of continuous venovenous haemodialysis on outcome and pharmacokinetics of arsenic species in a patient with acute promyelocytic leukaemia and acute kidney injury.

Polychlorinated biphenyls influence on autism spectrum disorder risk in the MARBLES cohort.

Role of thymoquinone and ebselen in the prevention of sodium arsenite-induced nephrotoxicity in female rats.

Disease model organism for Parkinson disease: *Drosophila melanogaster*.

Arsenic induces fibrogenic changes in human kidney epithelial cells potentially through epigenetic alterations in DNA methylation.

Non-targeted metabolomic biomarkers and metabolotypes of type 2 diabetes: A cross-sectional study of PREDIMED trial participants.

Crizotinib-induced erosive esophagitis in a pediatric patient with neuroblastoma.

Role of Aryl Hydrocarbon Receptor (AhR) in the Regulation of Immunity and Immunopathology During *Trypanosoma cruzi* Infection.

PCB 126 induces monocyte/macrophage polarization and inflammation through AhR and NF- κ B pathways.

Nrf2 deficiency aggravates the increase in osteoclastogenesis and bone loss induced by inorganic arsenic.

Characterizing Dysgeusia in Hemodialysis Patients.

[Mortality in the population surrounding an aluminum foundry in Eastern Piedmont, Italy, 1980-2017].

Cardiovascular Effects of PCB 126 (3,3',4,4',5-Pentachlorobiphenyl) in Zebrafish Embryos and Impact of Co-Exposure to Redox Modulating Chemicals.

A novel target for the promotion of dermal wound healing: Ryanodine receptors.

Arsenic-induced BRCA1 CpG promoter methylation is associated with the downregulation of ER α and resistance to tamoxifen in MCF7 breast cancer cells and mouse mammary tumor xenografts.

Sodium azide induces mitochondria-mediated apoptosis in PC12 cells through Pgc β -associated signaling pathway.

Cell surface heparan sulfate proteoglycans are involved in the extracellular Hsp90-stimulated migration and invasion of cancer cells.

Prenatal Iron Deficiency and Replete Iron Status Are Associated with Adverse Birth Outcomes, but Associations Differ in Ghana and Malawi.

Iron Oversupplementation Causes Hippocampal Iron Overloading and Impairs Social Novelty Recognition in Nursing Piglets.

The fecal microbiome and serum concentrations of indoxyl sulfate and p-cresol sulfate in cats with chronic kidney disease.

Bioluminescence imaging of Arc expression in mouse brain under acute and chronic exposure to pesticides.

Associations between endocrine disrupting chemicals and equine metabolic syndrome phenotypes.

Urinary 2,5-dichlorophenol and 2,4-dichlorophenol concentrations and prevalent disease among adults in the National Health and Nutrition Examination Survey (NHANES).

The aquaporin-4 inhibitor AER-271 blocks acute cerebral edema and improves early outcome in a pediatric model of asphyxial cardiac arrest.

hsa-miR-500a-3P alleviates kidney injury by targeting MLKL-mediated necroptosis in renal epithelial cells.

Exposure to 3-methyl-4-nitrophenol facilitates development of intestinal allergy.

Identification of Metabolites Associated with Onset of CAD in Diabetic Patients Using CE-MS Analysis: A Pilot Study.

Enhanced PAPSS2/VCAN sulfation axis is essential for Snail-mediated breast cancer cell migration and metastasis.

Moderate Physical Activity in an Aquatic Environment During Pregnancy (SWEP Study) and Its Influence in Preventing Postpartum Depression.

Manganese Detoxification by MntE Is Critical for Resistance to Oxidative Stress and Virulence of Staphylococcus aureus.

Zirconium-Based Metal-Organic Frameworks for the Removal of Protein-Bound Uremic Toxin from Human Serum Albumin.

A Neuron-Glial Trans-Signaling Cascade Mediates LRRK2-Induced Neurodegeneration.

[Effect of emodin on gut microbiota of rats with acute kidney failure].

Synbiotic meal decreases uremic toxins in hemodialysis individuals: A placebo-controlled trial.

Aryl hydrocarbon receptor pathway participates in myocardial ischemia reperfusion injury by regulating mitochondrial apoptosis.

KML001, an arsenic compound, as salvage chemotherapy in refractory biliary tract cancers: A prospective study.

Evolution of protein-bound uremic toxins indoxyl sulphate and p-cresyl sulphate in acute kidney injury.

Sodium arsenite exposure impairs B cell proliferation and enhances vascular inflammation in *Plasmodium berghei* mouse model.

Mitochondrial Impairment in Oligodendroglial Cells Induces Cytokine Expression and Signaling.

Expression of Nitric Oxide Synthase Interacting Protein (NOSIP) is Decreased in the Pulmonary Vasculature of Nitrofen-Induced Congenital Diaphragmatic Hernia.

Cytotoxic and genotoxic effect of oxyfluorfen on hemocytes of *Biomphalaria glabrata*.

Gas chromatography-mass spectrometry based metabolomics profile of hippocampus and cerebellum in mice after chronic arsenic exposure.

Integrating data gap filling techniques: A case study predicting TEFs for neurotoxicity TEQs to facilitate the hazard assessment of polychlorinated biphenyls.

Konzo: a distinct neurological disease associated with food (cassava) cyanogenic poisoning.

Stabilization of cell-cell junctions by active vitamin D ameliorates uraemia-induced loss of human endothelial barrier function.

TUDCA-Treated Mesenchymal Stem Cells Protect against ER Stress in the Hippocampus of a Murine Chronic Kidney Disease Model.

Differences in Dialysis Efficacy Have Limited Effects on Protein-Bound Uremic Toxins Plasma Levels over Time.

Polychlorinated biphenyl exposures differentially regulate hepatic metabolism and pancreatic function: Implications for nonalcoholic steatohepatitis and diabetes.

Transition metal-coordinated graphitic carbon nitride dots as a sensitive and facile fluorescent probe for $\text{A}\beta$ -amyloid peptide detection.

A Toxicogenomic Approach Reveals a Novel Gene Regulatory Network Active in In Vitro and In Vivo Models of Thyroid Carcinogenesis.

Iron for the treatment of restless legs syndrome.

Role of mitochondrial DNA in oxidative damage induced by sodium arsenite in human bronchial epithelial cells.

Sodium Arsenite Inhibits Lung Fibroblast Differentiation and Pulmonary Fibrosis.

Cardiotoxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure through lactation in mice.

The problem of acute pesticide poisonings of agricultural workers in Ukraine under the conditions of the new business patterns.

Depressed prostaglandins and leukotrienes in veterans with Gulf War illness.

Biochanin A prevents 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced adipocyte dysfunction in cultured 3T3-L1 cells.

Hygienic assessment of the effects of pesticides application on children population morbidity with thyroid gland diseases.

Protein-Bound Solute Clearance During Hemodialysis.

High Pesticide Exposure Events and Olfactory Impairment among U.S. Farmers.

Iron Deficiency in Heart Failure: An Overview.

Determining Pollen-Mediated Gene Flow in Transgenic Cotton.

Exposure to environmental concentrations of hexachlorobenzene induces alterations associated with endometriosis progression in a rat model.

Endoplasmic reticulum stress response is activated in pulmonary hypoplasia secondary to congenital diaphragmatic hernia, but is decreased by administration of amniotic fluid stem cells.

Assessment of the nitrofen model of congenital diaphragmatic hernia and of the dysregulated factors involved in pulmonary hypoplasia.

Expression of dispatched RND transporter family member 1 is decreased in the diaphragmatic and pulmonary mesenchyme of nitrofen-induced congenital diaphragmatic hernia.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces peripheral blood abnormalities and plasma cell neoplasms resembling multiple myeloma in mice.

Metabolism and disposition of arsenic species from oral dosing with sodium arsenite in neonatal CD-1 mice. IV. Toxicokinetics following gavage administration and lactational transfer.

Circulating miR-421 Targeting Leucocytic Angiotensin Converting Enzyme 2 Is Elevated in Patients with Chronic Kidney Disease.

Novel metabolites from *Trichoderma atroviride* against human prostate cancer cells and their inhibitory effect on *Helicobacter pylori* and *Shigella* toxin producing *Escherichia coli*.

Prepubertal exposure to low doses of sodium arsenite impairs spermatogenesis and epididymal histophysiology in rats.

A "seasonal bromoderma" in a farmer.

Long-term arsenite exposure induces testicular toxicity by redox imbalance, G2/M cell arrest and apoptosis in mice.

Effects of Simvastatin on Fetal Cardiac Impairment in the Diaphragmatic Experimental Hernia Model.

Moderate Renal Impairment and Toxic Metabolites Produced by the Intestinal Microbiome: Dietary Implications.

The specific impact of uremic toxins upon cognitive domains: a review.

Comprehensive Analysis of Neurotoxin-Induced Ablation of Dopaminergic Neurons in Zebrafish Larvae.

[Determination of arsenic species compound in blood by high performance liquid chromatographyatomic fluorescence spectrometry].

Environmental Chemical Diethylhexyl Phthalate Alters Intestinal Microbiota Community Structure and Metabolite Profile in Mice.

Improvised method for urinary p-cresol detection and measurement using high performance liquid chromatography/mass spectrometry.

Integrative Metabolomic and Metallomic Analysis in a Case-Control Cohort With Parkinson's Disease.

Assessment of Acute Serum Iron, Non-Transferrin-Bound Iron, and Gastrointestinal Symptoms with 3-Week Consumption of Iron-Enriched *Aspergillus oryzae* Compared with Ferrous Sulfate.

Paraquat: The Poison Potion.

Associations of Benzo(ghi)perylene and Heptachlorodibenzo-p-dioxin in Serum of Service Personnel Deployed to Balad, Iraq, and Bagram, Afghanistan Correlates With Perturbed Amino Acid Metabolism in Human Lung Fibroblasts.

Oxidative stress, lysosomal damage and dysfunctional autophagy in molluscan hepatopancreas (digestive gland) induced by chemical contaminants.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Disrupts Control of Cell Proliferation and Apoptosis in a Human Model of Adult Liver Progenitors.

Soil attribute regulates assimilation of roxarsone metabolites by rice (*Oryza sativa* L.).

Loss of Tiparp Results in Aberrant Layering of the Cerebral Cortex.

Coupling the Patern $\tilde{\Delta}^2$ -B $\tilde{\Delta}^{\frac{1}{2}}$ chi (PB) Reaction With Mass Spectrometry to Study Unsaturated Fatty Acids in Mouse Model of Multiple Sclerosis.

Extracellular vesicles derived from human Wharton's jelly mesenchymal stem cells protect hippocampal neurons from oxidative stress and synapse damage induced by amyloid- β^2 oligomers.

Prometryn induces apoptotic cell death through cell cycle arrest and oxidative DNA damage.

Activation of cannabinoid receptor type 2 reduces lung ischemia reperfusion injury through PI3K/Akt pathway.

Gut Microbiota in Alcoholic Hepatitis is Disparate from Those in Acute Alcoholic Pancreatitis and Biliary Disease.

Therapeutic potential of *Origanum vulgare* leaf hydroethanolic extract against renal oxidative stress and nephrotoxicity induced by paraquat in rats.

Characterizing the Role of HMG-CoA Reductase in Aryl Hydrocarbon Receptor-Mediated Liver Injury in C57BL/6 Mice.

Wnt1 silencing enhances neurotoxicity induced by paraquat and maneb in SH-SY5Y cells.

A dual mixture of persistent organic pollutants modifies carbohydrate metabolism in the human hepatic cell line HepaRG.

Effect of in ovo glyphosate injection on embryonic development, serum biochemistry, antioxidant status and histopathological changes in newly hatched chicks.

Ultrasonic energy-assisted in-situ synthesis of Ru(0)/PANI/g-C(3)N(4) nanocomposite: Application for picomolar-level electrochemical detection of endocrine disruptor (Bisphenol-A) in humans and animals.

Metabolism and disposition of arsenic species from controlled dosing with sodium arsenite in adult and neonatal rhesus monkeys. VI. Toxicokinetic studies following oral administration.

The Customizable E-cigarette Resistance Influences Toxicological Outcomes: Lung Degeneration, Inflammation, and Oxidative Stress-Induced in a Rat Model.

Cholestatic liver disease results increased production of reactive aldehydes and an atypical periportal hepatic antioxidant response.

Chronic unpredictable stress influenced the behavioral but not the neurodegenerative impact of paraquat.

Detection of mitochondrial dysfunction in vitro by laser-induced autofluorescence.

8-Formylpiperonyl piperazine B Antagonizes Paraquat-Induced Hepatotoxicity by Suppressing Oxidative Stress.

Acetaldehyde Induces an Endothelium-Dependent Relaxation of Superior Mesenteric Artery: Potential Role in Postprandial Hyperemia.

Botrysphin D attenuates arsenic-induced oxidative stress in human lung epithelial cells via activating Nrf2/ARE signaling pathways.

TCDD-Inducible Poly-ADP-Ribose Polymerase (TIPARP), A Novel Therapeutic Target Of Breast Cancer.

AhR Activation by TCDD (2,3,7,8-Tetrachlorodibenzo-p-dioxin) Attenuates Pertussis Toxin-Induced Inflammatory Responses by Differential Regulation of Tregs and Th17 Cells Through Specific Targeting by microRNA.

Effects of the Herbicide Glyphosate on Honey Bee Sensory and Cognitive Abilities: Individual Impairments with Implications for the Hive.

Clinical Features, Treatment, Prognosis, and Mortality in Paraquat Poisonings: A Hospital-Based Study in Iran.

Temporal Dynamics of the Soil Metabolome and Microbiome During Simulated Anaerobic Soil Disinfection.

Effectiveness of Iron Therapy on Breath Holding Spells in the Children.

Energy Metabolism and Redox State in Brains of Wistar Audiogenic Rats, a Genetic Model of Epilepsy.

Estrogen withdrawal and replacement differentially target liver and adipose tissues in female mice fed a high-fat high-sucrose diet: impact of a chronic exposure to a low-dose pollutant mixture(â~†).

Arsenic impairs GLUT1 trafficking through the inhibition of the calpain system in lymphocytes.

Nrf2-regulated miR-380-3p Blocks the Translation of Sp3 Protein and Its Mediation of Paraquat-Induced Toxicity in Mouse Neuroblastoma N2a Cells.

Arsenic exposure during prepuberty alters prostate maturation in pubescent rats.

Enhancement of fipronil degradation with eliminating its toxicity in a microbial fuel cell and the catabolic versatility of anodic biofilm.

Association of Serum Paraoxonase/Arylesterase Activity With All-Cause Mortality in Maintenance Hemodialysis Patients.

Probiotic Bacillus Attenuates Oxidative Stress- Induced Intestinal Injury via p38-Mediated Autophagy.

Glyphosate Primes Mammary Cells for Tumorigenesis by Reprogramming the Epigenome in a TET3-Dependent Manner.

Novel Thiazole Phenoxy pyridine Derivatives Protect Maize from Residual Pesticide Injury Caused by PPO-Inhibitor Fomesafen.

Acute toxicity evolution during ozonation of mono-chlorophenols and initial identification of highly toxic intermediates.

Quantitation of Lipid Peroxidation Product DNA Adducts in Human Prostate by Tandem Mass Spectrometry: A Method That Mitigates Artifacts.

Toxicogenomic analyses of the effects of BDE-47/209, TBBPA/S and TCBPA on early neural development with a human embryonic stem cell in vitro differentiation system.

Neuroprotective effects of anthocyanins and its major component cyanidin-3-O-glucoside (C3G) in the central nervous system: An outlined review.

The successful treatment of systemic toxic induced paraquat poisoning by skin absorption: case reports and a literature review.

Zinc treatment modulates hematological and morphological changes in rat erythrocytes following arsenic exposure.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced aryl hydrocarbon receptor activation enhanced the suppressive function of mesenchymal stem cells against splenocyte proliferation.

Application of qualitative and quantitative uncertainty assessment tools in developing ranges of plausible toxicity values for 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Pyrazinamide may possess cardioprotective properties.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the differentiation of embryonic stem cells towards pancreatic lineage and pancreatic beta cell function.

Relationship between pesticide accumulation in transplanted zebra mussel (*Dreissena polymorpha*) and community structure of aquatic macroinvertebrates.

Subcellular Targets of Zinc Oxide Nanoparticles During the Aging Process: Role of Cross-talk Between Mitochondrial Dysfunction and Endoplasmic Reticulum Stress in the Genotoxic Response.

Obesity and cancer: A mechanistic overview of metabolic changes in obesity that impact genetic instability.

Effects of astrocyte conditioned medium on neuronal AChE expression upon 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Recovery after surgery: do not forget to check iron status before.

Severe ARDS Complicating an Acute Intentional Cresol Poisoning.

Comparison of Urinary Biomarkers of Exposure in Humans Using Electronic Cigarettes, Combustible Cigarettes, and Smokeless Tobacco.

Bioconcentrations of herbicides used in sugarcane crops in tilapia (*Oreochromis niloticus*) and the risk for human consumption.

2,3,7,8-Tetrachlorodibenzo-p-dioxin modifies alternative splicing in mouse liver.

Screening of Amaryllidaceae alkaloids in bulbs and tissue cultures of *Narcissus papyraceus* and four varieties of *N. tazetta*.

Surgical decontamination in ferrous sulfate intoxication.

Astrocytic Oxidative/Nitrosative Stress Contributes to Parkinson's Disease Pathogenesis: The Dual Role of Reactive Astrocytes.

Ecological risk assessment of agricultural pesticides in the highly productive Ndop flood plain in Cameroon using the PRIMET model.

Oxidative stress resistance as a factor in aging: evidence from an extended longevity phenotype of *Drosophila melanogaster*.

Joint Probabilistic Analysis of Risk for Aquatic Species and Exceedence Frequency for the Agricultural Use of Chlorpyrifos in the Pampean Region, Argentina.

Presenilin 1 Regulates $[Ca^{2+}]_i$ and Mitochondria/ER Interaction in Cultured Rat Hippocampal Neurons.

Effects of cenobamate (YKP3089), a newly developed anti-epileptic drug, on voltage-gated sodium channels in rat hippocampal CA3 neurons.

Status Epilepticus Caused by an Herbicide Poisoning.

3-Chloro-5-trifluoromethylpyridine-2-carboxylic acid, a Metabolite of the Fungicide Fluopyram, Causes Growth Disorder in *Vitis vinifera*.

Esophageal Pharmacobezoar in a Patient with Achalasia: A Case Report.

Proposed Key Characteristics of Female Reproductive Toxicants as an Approach for Organizing and Evaluating Mechanistic Data in Hazard Assessment.

Effects of Low, Subchronic Exposure of 2,4-Dichlorophenoxyacetic Acid (2,4-d) and Commercial 2,4-d Formulations on Early Life Stages of Fathead Minnows (*Pimephales promelas*).

Subchronic Toxicity of 2,4-Dichlorophenoxyacetic Acid (2,4-D) to Early Life Stages of Fish.

Effect of Seed Treatment and Foliar Crop Protection Products on Sudden Death Syndrome and Yield of Soybean.

Effect of the SSeCKS-TRAF6 interaction on gastrodin-mediated protection against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced astrocyte activation and neuronal death.

The protective effects of bone mesenchymal stem cells on paraquat-induced acute lung injury via the muc5b and ERK/MAPK signaling pathways.

Altered Gene Expression in Dioxin-Like and Non-Dioxin-Like PCB Exposed Peripheral Blood Mononuclear Cells.

PAX3 Confers Functional Heterogeneity in Skeletal Muscle Stem Cell Responses to Environmental Stress.

Development of a carbon-11 PET radiotracer for imaging TRPC5 in the brain.

Panax Notoginseng Saponins Ameliorate $\text{A}\beta^2$ -Mediated Neurotoxicity in *C. elegans* through Antioxidant Activities.

Review of a Case of Paraquat Poisoning in a Tertiary Care Rural-based ICU.

The Chemical Forms of Iron in Commercial Prenatal Supplements Are Not Always the Same as Those Tested in Clinical Trials.

DISC1 promotes translation maintenance during sodium arsenite-induced oxidative stress.

Pollutants released from the pulp paper industry: Aquatic toxicity and their health hazards.

Identification of contaminants of concern in the upper Tagus river basin (central Spain). Part 2: Spatio-temporal analysis and ecological risk assessment.

Relative Importance of Posttraumatic Stress Disorder and Depression in Predicting Risk of Suicide among a Cohort of Vietnam Veterans.

Flavin Oxidase-Induced ROS Generation Modulates PKC Biphasic Effect of Resveratrol on Endothelial Cell Survival.

The Effect of UVB Irradiation and Oxidative Stress on the Skin Barrier-A New Method to Evaluate Sun Protection Factor Based on Electrical Impedance Spectroscopy.

L-tryptophan Enhances Intestinal Integrity in Diquat-Challenged Piglets Associated with Improvement of Redox Status and Mitochondrial Function.

Measurement of Respiration Rate in Live *Caenorhabditis elegans*.

Physiological disorder of plants depending on clopyralid concentration in the soil and plant.

Very Low Protein Diet for Patients with Chronic Kidney Disease: Recent Insights.

A Nutraceutical Strategy to Slowing Down the Progression of Cone Death in an Animal Model of Retinitis Pigmentosa.

Exposure to arsenic during embryogenesis impairs olfactory sensory neuron differentiation and function into adulthood.

Thiamine and benfotiamine protect neuroblastoma cells against paraquat and β -amyloid toxicity by a coenzyme-independent mechanism.

ifl54 (*ifl*) plays a central role in carbon metabolism in the industrially relevant *Clostridium beijerinckii*.

Occurrence of disinfection by-products in swimming pools and the estimated resulting cytotoxicity.

A Potent Antifungal Agent for Basal Stem Rot Disease Treatment in Oil Palms Based on Chitosan-Dazomet Nanoparticles.

Growth and metabolite production of a grape sour rot yeast-bacterium consortium on different carbon sources.

Identification of acrolein metabolites in human buccal cells, blood, and urine after consumption of commercial fried food.

Food risk characterization from exposure to persistent organic pollutants and metals contaminating eels from an Italian lake.

Attenuation of the effects of oxidative stress by the MAO-inhibiting antidepressant and carbonyl scavenger phenelzine.

Comparison of temperate and tropical freshwater species' acute sensitivities to chemicals: An update.

High resolution approaches for the identification of amyloid fragments in brain.

Sodium Arsenite Injection Induces Ovarian Oxidative Stress and Affects Steroidogenesis in Rats.

Arsenic-Induced Neurotoxicity by Dysfunctional Cholinergic and Dopaminergic System in Brain of Developing Rats.

Metabolic functions of the human gut microbiota: the role of metalloenzymes.

An In Vitro Study on Mitochondrial Compensatory Response Induced by Gliadin Peptides in Caco-2 Cells.

Effects of Phenelzine Administration on Mitochondrial Function, Calcium Handling, and Cytoskeletal Degradation after Experimental Traumatic Brain Injury.

Astrocytes Do Not Forfeit Their Neuroprotective Roles After Surviving Intense Oxidative Stress.

Synthesis of 2-Monochloropropanol Fatty Acid Esters and Their Acute Oral Toxicities in Swiss Mice.

Polychlorinated Biphenyls and Nonalcoholic Fatty Liver Disease.

Effects of acetochlor on neurogenesis and behaviour in zebrafish at early developmental stages.

Data on the sub-chronic toxicity in rats after 30 days of oral realgar administration and the accumulation and distribution of arsenic species.

Synthesis and preclinical evaluation of the CRTH2 antagonist [(11)C]MK-7246 as a novel PET tracer and potential surrogate marker for pancreatic beta-cell mass.

Alpha-lipoic acid attenuates p-cresyl sulfate-induced renal tubular injury through suppression of apoptosis and autophagy in human proximal tubular epithelial cells.

Immunomodulatory effects of synthetic endocrine disrupting chemicals on the development and functions of human immune cells.

TRPA1 channel contributes to myocardial ischemia-reperfusion injury.

Administration of Fenugreek Seed Extract Produces Better Effects in Glibenclamide-Induced Inhibition in Hepatic Lipid Peroxidation: An in vitro Study.

Enzyme kinetics of dUTPase from the planarian *Dugesia ryukyuensis*.

Lipidomic profiling of subchronic As(4)S(4) exposure identifies inflammatory mediators as sensitive biomarkers in rats.

Transcriptomic Impact of IMA-08401, a Novel AHR Agonist Resembling Laquinimod, on Rat Liver.

Trends in pesticide suicide in South Korea, 1983-2014.

Extract of *Deschampsia antarctica* (EDA) Prevents Dermal Cell Damage Induced by UV Radiation and 2,3,7,8-Tetrachlorodibenzo-p-dioxin.

Effects of fermentable high fiber diet supplementation on gut derived and conventional nitrogenous product in patients on maintenance hemodialysis: a randomized controlled trial.

The histone methyltransferase G9a regulates tolerance to oxidative stress-induced energy consumption.

Excessive Reactive Iron Impairs Hematopoiesis by Affecting Both Immature Hematopoietic Cells and Stromal Cells.

Compositional and Functional Differences between Microbiota and Cervical Carcinogenesis as Identified by Shotgun Metagenomic Sequencing.

Protective effects of resveratrol on biomarkers of oxidative stress, biochemical and histopathological changes induced by sub-chronic oral glyphosate-based herbicide in rats.

Acute toxicity of copper hydroxide and glyphosate mixture in *Clarias gariepinus*: interaction and prediction using mixture assessment models.

An isopentenyl-substituted flavonoid norartocarpin activates Nrf2 signalling pathway and prevents oxidative insults in human lung epithelial cells.

Ioxynil and diethylstilbestrol disrupt vascular and heart development in zebrafish.

Enhancement of corneal epithelium cell survival, proliferation and migration by red light: Relevance to corneal wound healing.

Oxidative stress induces release of 2'-AMP from microglia.

Neuroprotective effects of baicalein in animal models of Parkinson's disease: A systematic review of experimental studies.

Evaluation of PCDD/Fs, dioxin-like PCBs and PBDEs in sperm whales from the Mediterranean Sea.

Dioxin and AHR impairs mesoderm gene expression and cardiac differentiation in human embryonic stem cells.

The Oral NOAEL of Flurochloridone in Male Wistar Rats in Ninety-Day Subchronic Toxicity Test Was 3mg/kg/day.

Effectiveness of AOS-iron on iron deficiency anemia in rats.

Hatching failure and accumulation of organic pollutants through the terrestrial food web of a declining songbird in Western Europe.

Extended suspect screening strategy to identify characteristic toxicants in the discharge of a chemical industrial park based on toxicity to *Daphnia magna*.

The testing of an artificial modified bacterial cellulose auricle skeleton in an animal model.

IPSE, a urogenital parasite-derived immunomodulatory protein, ameliorates ifosfamide-induced hemorrhagic cystitis through downregulation of pro-inflammatory pathways.

The effects of hesperidin on sodium arsenite-induced different organ toxicity in rats on metabolic enzymes as antidiabetic and anticholinergics potentials: A biochemical approach.

TRPA1 Channel as a Regulator of Neurogenic Inflammation and Pain: Structure, Function, Role in Pathophysiology, and Therapeutic Potential of Ligands.

Chronic low dose arsenic exposure preferentially perturbs mitotic phase of the cell cycle.

Nrf2 overexpression protects against paraquat-induced A549 cell injury primarily by upregulating P-glycoprotein and reducing intracellular paraquat accumulation.

Acute toxicities and effects on multixenobiotic resistance activity of eight pesticides to the earthworm *Eisenia andrei*.

Molecular mechanism involved in cyclophosphamide-induced cardiotoxicity: Old drug with a new vision.

Primary green turtle (*Chelonia mydas*) skin fibroblasts as an in vitro model for assessing genotoxicity and oxidative stress.

Environmental pollutant-mediated disruption of gut microbial metabolism of the prebiotic inulin.

Ecological risk assessment of pesticide residues in arable soils of the Czech Republic.

Newer pharmacological approaches for antioxidant neuroprotection in traumatic brain injury.

Does hemoperfusion in combination with other treatments reduce the mortality of patients with paraquat poisoning more than hemoperfusion alone: A systematic review with meta-analysis.

Correction: Identification of potential serum biomarkers of acute paraquat poisoning in humans using an iTRAQ quantitative proteomic.

An Efficient Somatic Embryo Liquid Culture System for Potential Use in Large-Scale and Synchronic Production of *Anthurium andraeanum* Seedlings.

Phenazine and 1-Undecene Producing *Pseudomonas chlororaphis* subsp. *aurantiaca* Strain KNU17Pc1 for Growth Promotion and Disease Suppression in Korean Maize Cultivars.

Cascade Reaction in Human Live Tissue Allows Clinically Applicable Diagnosis of Breast Cancer Morphology.

Acute glufosinate-based herbicide treatment in rats leads to increased ocular interleukin-1 β and c-Fos protein levels, as well as intraocular pressure.

RiboTag translomic profiling of *Drosophila* oenocytes under aging and induced oxidative stress.

Ameliorative effect of gallic acid on sodium arsenite-induced spleno-, cardio- and hemato-toxicity in rats.

Lung injury from inhaling butane hash oil mimics pneumonia.

Paternal Environmental Toxicant Exposure and Risk of Adverse Pregnancy Outcomes.

Estimation of potential risk of allyl alcohol induced liver injury in diabetic patients using type 2 diabetes spontaneously diabetic Torii-Lepr(fa) (SDT fatty) rats.

Bioactive Lipids in Cancer, Inflammation and Related Diseases : Acute and Chronic Mild Traumatic Brain Injury Differentially Changes Levels of Bioactive Lipids in the CNS Associated with Headache.

Association of East Asian Variant Aldehyde Dehydrogenase 2 Genotype (ALDH2*2*) with Coronary Spasm and Acute Myocardial Infarction.

Evaluation of in vitro genotoxic effects induced by in vitro anther culture conditions in sunflower.

BubR1 Is Essential for Thio-Dimethylarsinic Acid-Induced Spindle Assembly Checkpoint and Mitotic Cell Death for Preventing the Accumulation of Abnormal Cells.

RESPIRATORY IMPACT OF ELECTRONIC CIGARETTES AND "LOW-RISK" TOBACCO.

An imazamox-based herbicide causes apoptotic changes in rat liver and pancreas.

Taurine rescues the arsenic-induced injury in the pancreas of rat offsprings and in the INS-1 cells.

Acetochlor poisoning presenting as acute genital edema: A case report.

Protective effect of lycopen against chemical and natural toxins: A review.

Characterization of Bacteria in Nigerian Yogurt as Promising Alternative to Antibiotics in Gastrointestinal Infections.

Effect of sub-chronic ferrous sulfate treatment on motor skills, hematological and biochemical parameters in rats.

[Predictive value of neutrophil-to-lymphocyte ratio in 30-day mortality of patients with acute paraquat poisoning].

Estimated Residential Exposure to Agricultural Chemicals and Premature Mortality by Parkinson's Disease in Washington State.

[Exploration about the protection mechanism of 5-hydroxy-1-methylhydantoin on paraquat poisoning model].

Differential impact of pure glyphosate and glyphosate-based herbicide in a model of peripheral nervous system myelination.

Glyphosate is lethal and Cry toxins alter the development of the stingless bee *Melipona quadrifasciata*.

Apigenin reverses lung injury and immunotoxicity in paraquat-treated mice.

Protective effects of SOD2 overexpression in human umbilical cord mesenchymal stem cells on lung injury induced by acute paraquat poisoning in rats.

Assessment of adverse outcome of Excel Mera 71 in *Anabas testudineus* by histological and ultrastructural alterations.

Multiple effects of the herbicide glufosinate-ammonium and its main metabolite on neural stem cells from the subventricular zone of newborn mice.

Bacopa monnieri alleviates paraquat induced toxicity in *Drosophila* by inhibiting jnk mediated apoptosis through improved mitochondrial function and redox stabilization.

Atrazine induced oxidative stress and mitochondrial dysfunction in quail (*Coturnix C. coturnix*) kidney via modulating Nrf2 signaling pathway.

Effects of glyphosate on the ovarian function of pregnant mice, the secretion of hormones and the sex ratio of their fetuses.

Immunofluorescence/fluorescence assessment of brain-derived neurotrophic factor, c-Fos activation, and apoptosis in the brain of zebrafish (*Danio rerio*) larvae exposed to glufosinate.

LGK974, a PORCUPINE inhibitor, mitigates cytotoxicity in an in vitro model of Parkinson's disease by interfering with the WNT/ β -CATENIN pathway.

Evaluating Mode of Action of Acrolein Toxicity in an In Vitro Human Airway Tissue Model.

Chronic toxicity of metolachlor OA on growth, ontogenetic development, antioxidant biomarkers and histopathology of early life stages of marbled crayfish.

Involvement of PINK1/Parkin-mediated mitophagy in paraquat- induced apoptosis in human lung epithelial-like A549 cells.

Glyphosate-based herbicides modulate oxidative stress response in the nematode *Caenorhabditis elegans*.

Assessment of river sediment toxicity: Combining empirical zebrafish embryotoxicity testing with in silico toxicity characterization.

Cinnamaldehyde and related phenylpropanoids, natural repellents, and insecticides against *Sitophilus zeamais* (Motsch.). A chemical structure-bioactivity relationship.

Specialisation events of fungal metacommunities exposed to a persistent organic pollutant are suggestive of augmented pathogenic potential.

Lycopene Triggers Nrf2-AMPK Cross Talk to Alleviate Atrazine-Induced Nephrotoxicity in Mice.

[The experimental study of diquat on the half-Lethal dose and pathological injury of related organs in wistar rats].

Pendimethalin-induced oxidative stress, DNA damage and activation of anti-inflammatory and apoptotic markers in male rats.

Sequential organ failure assessment in predicting mortality after paraquat poisoning: A meta-analysis.

Atorvastatin attenuates paraquat poisoning-induced epithelial-mesenchymal transition via downregulating hypoxia-inducible factor-1 alpha.

Evaluation of Dermal Exposure to the Herbicide Alachlor Among Vegetable Farmers in Thailand.

Enantioselective Acute Toxicity and Bioactivity of Carfentrazone-ethyl enantiomers.

Exploring the potential benefit of natural product extracts in paraquat toxicity.

Role of Cerium Oxide Nanoparticles in a Paraquat-Induced Model of Oxidative Stress: Emergence of Neuroprotective Results in the Brain.

Effects of whey protein and conjugated linoleic acid on acrolein-induced cardiac oxidative stress, mitochondrial dysfunction and dyslipidemia in rats.

Mice exposure to haloxyfop-p-methyl ester at predicted environmentally relevant concentrations leads to anti-predatory response deficit.

Assessment of the oxidative and genotoxic effects of the glyphosate-based herbicide roundup on the freshwater shrimp, *Macrobrachium nipponensis*.

Modification of Wnt signaling pathway on paraquat-induced inhibition of neural progenitor cell proliferation.

Acute renal toxicity of sodium chlorate: Redox imbalance, enhanced DNA damage, metabolic alterations and inhibition of brush border membrane enzymes in rats.

Mutation of hop-1 and pink-1 attenuates vulnerability of neurotoxicity in *C. elegans*: the role of mitochondria-associated membrane proteins in Parkinsonism.

Behavior responses of zebrafish (*Danio rerio*) to aquatic environmental stresses in the characteristic of circadian rhythms.

Increased plasma prothrombin time is associated with poor prognosis in patients with paraquat poisoning.

Paraquat and Maneb Exposure Alters Rat Neural Stem Cell Proliferation by Inducing Oxidative Stress: New Insights on Pesticide-Induced Neurodevelopmental Toxicity.

The qSOFA Score: A Simple and Accurate Predictor of Outcome in Patients with Glyphosate Herbicide Poisoning.

Human and experimental toxicology of diquat poisoning: Toxicokinetics, mechanisms of toxicity, clinical features, and treatment.

Presumption of Herbicide Exposure and Presumption of Disability During Service for Reservists Presumed Exposed to Herbicides. Final rule.

Glyphosate impairs learning in *Aedes aegypti* mosquito larvae at field-realistic doses.

A commercial Roundup[®] formulation induced male germ cell apoptosis by promoting the expression of XAF1 in adult mice.

A new leaf.

Glyphosate affects the larval development of honey bees depending on the susceptibility of colonies.

Paraquat poisoning in Western French Guyana: a public health problem persisting ten years after its withdrawal from the French market.

Protective effects of curcumin on acrolein-induced neurotoxicity in HT22 mouse hippocampal cells.

Evidence of risks of renal function reduction due to occupational exposure to agrochemicals: A systematic review.

Does cyclophosphamide still play a role in glomerular diseases?

LC3-II may mediate ATR-induced mitophagy in dopaminergic neurons through SQSTM1/p62 pathway.

Procyanidin B2 protects rats from paraquat-induced acute lung injury by inhibiting NLRP3 inflammasome activation.

2,4-D poisoning: a review with illustration of two cases.

Acrolein induces ribotoxic stress in human cancer cells regardless of p53 status.

Exposure Through Runoff and Ground Water Contamination Differentially Impact Behavior and Physiology of Crustaceans in Fluvial Systems.

Effects of low, subchronic exposure of 2,4-Dichlorophenoxyacetic acid (2,4-D) and commercial 2,4-D formulations on early life stages of fathead minnows (*Pimephales promelas*).

Acrolein-induced autophagy-dependent apoptosis via activation of the lysosomal-mitochondrial pathway in EAhy926 cells.

Acute and subchronic effects of three herbicides on biomarkers and reproduction in earthworm *Dendrobaena veneta*.

Formulants of glyphosate-based herbicides have more deleterious impact than glyphosate on TM4 Sertoli cells.

Epigallocatechin-3-Gallate Protects and Prevents Paraquat-Induced Oxidative Stress and Neurodegeneration in Knockdown dj-1- $\hat{1}^2$ *Drosophila melanogaster*.

Perinatal Glyphosate-Based Herbicide Exposure in Rats Alters Brain Antioxidant Status, Glutamate and Acetylcholine Metabolism and Affects Recognition Memory.

NF- $\hat{1}^B$ /p53-activated inflammatory response involves in diquat-induced mitochondrial dysfunction and apoptosis.

Vitamin D treatment abrogates the inflammatory response in paraquat-induced lung fibrosis.

Pesticide Use and Incident Hypothyroidism in Pesticide Applicators in the Agricultural Health Study.

Mesotrione herbicide does not cause genotoxicity, but modulates the genotoxic effects of Atrazine when assessed in mixture using a plant test system (*Allium cepa*).

Transchem project - Part I: Impact of long-term exposure to pendimethalin on the health status of rainbow trout (*Oncorhynchus mykiss* L.) genitors.

Tanshinone IIA attenuates paraquat-induced acute lung injury by modulating angiotensin-converting enzyme 2/angiotensin(1-7) in rats.

Atrazine promotes immunomodulation by melanomacrophage centre alterations in spleen and vascular disorders in gills from *Oreochromis niloticus*.

Naringin protects acrolein-induced pulmonary injuries through modulating apoptotic signaling and inflammation signaling pathways in mice.

Acute toxicity and effects of Roundup Original \hat{A} [®] on pintado da Amaz \hat{A} 'nia.

Effects of water temperature and light intensity on the acute toxicity of herbicide thiobencarb to a green alga, *Raphidocelis subcapitata*.

Opposite effects of mixtures of commercial formulations of glyphosate with auxinic herbicides on the ten spotted live-bearer fish *Cnesterodon decemmaculatus* (Pisces, Poeciliidae).

Atrazine-xenobiotic nuclear receptor interactions induce cardiac inflammation and endoplasmic reticulum stress in quail (*Coturnix coturnix coturnix*).

Ameliorative effect of resveratrol on testicular oxidative stress, spermatological parameters and DNA damage in glyphosate-based herbicide-exposed rats.

Toxicity prediction and assessment of an environmentally realistic pesticide mixture to *Daphnia magna* and *Raphidocelis subcapitata*.

Sensitivities of three tropical indigenous freshwater invertebrates to single and mixture exposures of diuron and carbofuran and their commercial formulations.

Marine environmental risk assessment and acute water quality criterion for pentachlorophenol in coastal waters.

Diabetes, Cardiovascular Disorders and 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Body Burden in Czech Patients 50 Years After the Intoxication.

Reduced oxygen tension culturing conditionally alters toxicogenic response of differentiated H9c2 cardiomyoblasts to acrolein.

Effects of glyphosate formulations on the population dynamics of two freshwater cladoceran species.

Seagrass wasting disease: Nitrate enrichment and exposure to a herbicide (Diuron) increases susceptibility of *Zostera marina* to infection.

Embryonic atrazine exposure elicits proteomic, behavioral, and brain abnormalities with developmental time specific gene expression signatures.

Enhanced mitochondrial DNA repair of the common disease-associated variant, Ser326Cys, of hOGG1 through small molecule intervention.

Predictive value of the maximum serum creatinine value and growth rate in acute paraquat poisoning patients.

A new sight for paraquat poisoning from immunology.

Pancreatic function and histoarchitecture in Wistar rats following chronic exposure to Bushfire[®]: the mitigating role of zinc.

Toxic effects of cyhalofop-butyl on embryos of the Yellow River carp (*Cyprinus carpio* var.): alters embryos hatching, development failure, mortality of embryos, and apoptosis.

Decay of Quinclorac in Acidic Paddy Soil and Risk Evaluation to the Subsequent Crop, Tobacco (*Nicotiana tabacum* L.).

Perinatal exposure to a glyphosate-based herbicide impairs female reproductive outcomes and induces second-generation adverse effects in Wistar rats.

Biochemical and histological effects of sub-chronic exposure to atrazine in crayfish *Cherax destructor*.

Postnatal exposure to a glyphosate-based herbicide modifies mammary gland growth and development in Wistar male rats.

The presence of algae mitigates the toxicity of copper-based algaecides to a nontarget organism.

High-dose acute exposure of paraquat induces injuries of swim bladder, gastrointestinal tract and liver via neutrophil-mediated ROS in zebrafish and their relevance for human health risk assessment.

An integrative omics approach to unravel toxicity mechanisms of environmental chemicals: effects of a formulated herbicide.

A user-friendly herbicide derived from photo-responsive supramolecular vesicles.

A retrospective analysis of leucocyte count as a strong predictor of survival for patients with acute paraquat poisoning.

[The effects of Xuebijing injection on apoptosis and expression of regulatory factors TNF- α , NF- κ B and Caspase-3 expression in the lung tissues of acute paraquat-induced rats].

Sex-specific effects of perinatal dioxin exposure on eating behavior in 3-year-old Vietnamese children.

Characteristics of acute occupational pesticide exposures reported to poison control centers in Texas, 2000-2015.

Circular RNA expression profiles in hippocampus from mice with perinatal glyphosate exposure.

[Acute pulmonary fibrosis associated with Paraquat poisoning. Report of one case].

A survival case of intravenous paraquat intoxication: A case report.

Jock McCulloch (1945-2018): A Tribute.

Comparative Assessment on Mechanism Underlying Renal Toxicity of Commercial Formulation of Roundup Herbicide and Glyphosate Alone in Male Albino Rat.

Effects of the chloro-s-triazine herbicide terbuthylazine on DNA integrity in human and mouse cells.

Reactive oxygen species, antioxidant enzyme activity, and gene expression patterns in a pair of nearly isogenic lines of nicosulfuron-exposed waxy maize (*Zea mays* L.).

NFE2L2, PPAR γ , and pesticides and Parkinson's disease risk and progression.

Paraquat and MPTP induce alteration in the expression profile of long noncoding RNAs in the substantia nigra of mice: Role of the transcription factor Nrf2.

Effects of glyphosate and its commercial formulation, Roundup(®) Ultramax, on liver histology of tadpoles of the neotropical frog, *Leptodactylus latrans* (amphibia: Anura).

Paraquat initially damages cochlear support cells leading to anoikis-like hair cell death.

Yeast polyubiquitin gene UBI4 deficiency leads to early induction of apoptosis and shortened replicative lifespan.

High-dose immunosuppression to prevent death after paraquat self-poisoning - a randomised controlled trial.

Atrazine Triggers Mitochondrial Dysfunction and Oxidative Stress in Quail (*Coturnix C. coturnix*) Cerebrum via Activating Xenobiotic-Sensing Nuclear Receptors and Modulating Cytochrome P450 Systems.

A comparison of the effects of agricultural pesticide uses on peripheral nerve conduction in China.

Efficacy of initial haemopurification strategy for acute paraquat poisoning in adults: study protocol for a randomised controlled trial (HeSAPP).

Metabolome disruption of pregnant rats and their offspring resulting from repeated exposure to a pesticide mixture representative of environmental contamination in Brittany.

Glyphosate affects the secretion of regulators of uterine contractions in cows while it does not directly impair the motoric function of myometrium in vitro.

Label-free optical biosensor for real-time monitoring the cytotoxicity of xenobiotics: A proof of principle study on glyphosate.

Redox imbalance caused by pesticides: a review of OPENTOX-related research.

Oxidative stress, cholinesterase activity, and DNA damage in the liver, whole blood, and plasma of Wistar rats following a 28-day exposure to glyphosate.

Protective role of thymoquinone against paraquat-induced hepatotoxicity in mice.

Interactions between tetrahydroisoindoline-1,3-dione derivatives and human serum albumin via multiple spectroscopy techniques.

Influences of *Chlorella vulgaris* dietary supplementation on growth performance, hematology, immune response and disease resistance in *Oreochromis niloticus* exposed to sub-lethal concentrations of penoxsulam herbicide.

Effects of environmentally relevant sub-chronic atrazine concentrations on African clawed frog (*Xenopus laevis*) survival, growth and male gonad development.

Investigating global trends in paraquat intoxication research from 1962 to 2015 using bibliometric analysis.

Identification of circular RNAs and their alterations involved in developing male *Xenopus laevis* chronically exposed to atrazine.

Glyphosate residues in Swiss market foods: monitoring and risk evaluation.

The impact of Agent Orange exposure on prognosis and management in patients with chronic lymphocytic leukemia: a National Veteran Affairs Tumor Registry Study.

The relationship between serum ammonia level and neurologic complications in patients with acute glufosinate ammonium poisoning: A prospective observational study.

Neuroprotective effects of *Cassia tora* against paraquat-induced neurodegeneration: relevance for Parkinson's disease.

Paraquat induced acute kidney injury and lung fibrosis: a case report from Bangladesh.

The Ramazzini Institute 13-week study on glyphosate-based herbicides at human-equivalent dose in Sprague Dawley rats: study design and first in-life endpoints evaluation.

[The anti-inflammatory effect of hesperetin on lung damage induced by paraquat in rats].

[The effect of pulmonary injury in rats induced by paraquat].

Mitochondrial oxidative stress causes insulin resistance without disrupting oxidative phosphorylation.

Apple procyanidins promote mitochondrial biogenesis and proteoglycan biosynthesis in chondrocytes.

Impact of presumed service-connected diagnosis on the Department of Veterans Affairs healthcare utilization patterns of Vietnam-Theater Veterans: A cross-sectional study.

Neuroprotective action of 4-Hydroxyisophthalic acid against paraquat-induced motor impairment involves amelioration of mitochondrial damage and neurodegeneration in *Drosophila*.

Glyphosate based- herbicide exposure affects gut microbiota, anxiety and depression-like behaviors in mice.

Atrazine affects craniofacial chondrogenesis and axial skeleton mineralization in zebrafish (*Danio rerio*).

Taurine protects noradrenergic locus coeruleus neurons in a mouse Parkinson's disease model by inhibiting microglial M1 polarization.

Serum immune responses in common carp (*Cyprinus carpio* L.) to paraquat exposure: The traditional parameters and circulating microRNAs.

Proteomic analysis of ametryn toxicity in zebrafish embryos.

Impact of a commercial glyphosate formulation on adsorption of Cd(II) and Pb(II) ions on paddy soil.

Do recommended doses of glyphosate-based herbicides affect soil invertebrates? Field and laboratory screening tests to risk assessment.

Synergism of mixtures of dicamba and 2,4-dichlorophenoxyacetic acid herbicide formulations on the neotropical fish *Cnesterodon decemmaculatus* (Pisces, Poeciliidae).

Reversible Parkinsonism induced by acute exposure glyphosate.

HFE Genotype Restricts the Response to Paraquat in a Mouse Model of Neurotoxicity.

Lethal and Sublethal Effects of the Herbicide Atrazine in the Early Stages of Development of *Physalaemus gracilis* (Anura: Leptodactylidae).

Treatment of Paraquat-Induced Lung Injury With an Anti-C5a Antibody: Potential Clinical Application.

Succession of Fungal and Oomycete Communities in Glyphosate-Killed Wheat Roots.

Paraquat and MPTP alter microRNA expression profiles, and downregulated expression of miR-17-5p contributes to PQ-induced dopaminergic neurodegeneration.

Investigation of Acute and Chronic Toxicity Trends of Pesticides Using High-Throughput Bioluminescence Assay Based on the Test Organism *Vibrio fischeri*.

Impaired associative learning after chronic exposure to pesticides in young adult honey bees.

Patients with mild paraquat poisoning treated with prolonged low-dose methylprednisolone have better lung function: A retrospective analysis.

Clinical features and prognosis of paraquat poisoning in French Guiana: A review of 62 cases.

Taurine protects dopaminergic neurons in a mouse Parkinson's disease model through inhibition of microglial M1 polarization.

Melatonin preserves ovarian tissues of rats exposed to chronic TCDD: An electron microscopic approach to effects of TCDD on ovarian cells.

Changes in gene expression following long-term in vitro exposure of *Macaca mulatta* trophoblast stem cells to biologically relevant levels of endocrine disruptors.

Low concentrations of glyphosate-based herbicide cause complete loss of sperm motility of yellowtail tetra fish *Astyanax lacustris*.

Effects of atrazine on vitellogenesis, steroid levels and lipid peroxidation, in female red swamp crayfish *Procambarus clarkii*.

Sub-lethal effects of herbicides penoxsulam, imazamox, fluridone and glyphosate on Delta Smelt (*Hypomesus transpacificus*).

Protective effect of *Uncaria tomentosa* extract against oxidative stress and genotoxicity induced by glyphosate-Roundup® using zebrafish (*Danio rerio*) as a model.

Assessment of atrazine toxicity to the estuarine phytoplankton, *Dunaliella tertiolecta* (Chlorophyta), under varying nutrient conditions.

Acute and single repeated dose effects of low concentrations of chlorpyrifos, diuron, and their combination on chicken.

Acute and chronic toxicity of pesticides on tadpoles of *Physalaemus cuvieri* (Anura, Leptodactylidae).

Evaluation of 30% DAS-444~6-6 soybean meal in a subchronic rat toxicity study.

A glyphosate-based herbicide reduces fertility, embryonic upper thermal tolerance and alters embryonic diapause of the threatened annual fish *Austrolebias nigrofasciatus*.

Seizures in patients with acute pesticide intoxication, with a focus on glufosinate ammonium.

Is endotracheal intubation a non-beneficial treatment in patients with respiratory failure due to paraquat poisoning?

Deficiency of Atg6 impairs beneficial effect of metformin on intestinal stem cell aging in *Drosophila*.

Mesenchymal stem cell therapy for paraquat poisoning: A systematic review and meta-analysis of preclinical studies.

Metabolic Profiling of Amino Acids Associated with Mortality in Patients with Acute Paraquat Poisoning.

Effects of surface charge and palladium on hepatic and kidney injury induced by polystyrene nanoparticles co-administered to mice with paraquat and cisplatin.

Lipopolysaccharide-Induced Striatal Nitrosative Stress and Impaired Social Recognition Memory Are Not Magnified by Paraquat Coexposure.

Caloric restriction ameliorates acrolein-induced neurotoxicity in rats.

Effects of glyphosate on early life stages: comparison between *Cyprinus carpio* and *Danio rerio*.

Celecoxib, a cyclooxygenase-2 inhibitor, offers chemoprevention against reproductive and neurobehavioural abnormalities induced by atrazine in male Wistar rats.

Isolated and mixed effects of diuron and its metabolites on biotransformation enzymes and oxidative stress response of Nile tilapia (*Oreochromis niloticus*).

Sirt3 confers protection against acrolein-induced oxidative stress in cochlear nucleus neurons.

Fluorochloridone induces primary cultured Sertoli cells apoptosis: Involvement of ROS and intracellular calcium ions-mediated ERK1/2 activation.

Induction of chronic migraine phenotypes in a rat model after environmental irritant exposure.

Triptolide suppresses paraquat induced idiopathic pulmonary fibrosis by inhibiting TGF β 1-dependent epithelial mesenchymal transition.

Environmental and health effects of the herbicide glyphosate.

Hepatotoxicity of paraquat on common carp (*Cyprinus carpio* L.).

Prognostic comparison of goal-oriented hemoperfusion and routine hemoperfusion combined with continuous venovenous hemofiltration for paraquat poisoning.

Do host-associated gut microbiota mediate the effect of an herbicide on disease risk in frogs?

Potential biomarkers for monitoring the toxicity of long-term exposure to atrazine in rat by metabonomic analysis.

Sodium Selenite Prevents Paraquat-Induced Neurotoxicity in Zebrafish.

Ratio of Injured Lung Volume Fraction in Prognosis Evaluation of Acute PQ Poisoning.

Protective Effects of Olive Leaf Extract on Acrolein-Exacerbated Myocardial Infarction via an Endoplasmic Reticulum Stress Pathway.

Atrazine suppresses FSH-induced steroidogenesis and LH-dependent expression of ovulatory genes through PDE-cAMP signaling pathway in human cumulus granulosa cells.

Oxidative stress and DNA damage in common carp (*Cyprinus carpio*) exposed to the herbicide mesotrione.

Evidence the U.S. autism epidemic initiated by acetaminophen (Tylenol) is aggravated by oral antibiotic amoxicillin/clavulanate (Augmentin) and now exponentially by herbicide glyphosate (Roundup).

A glyphosate micro-emulsion formulation displays teratogenicity in *Xenopus laevis*.

Pirfenidone protects against paraquat-induced lung injury and fibrosis in mice by modulation of inflammation, oxidative stress, and gene expression.

Acrolein toxicity at advanced age: present and future.

PBPK/PD assessment for Parkinson's disease risk posed by airborne pesticide paraquat exposure.

Neurotransmitter changes in rat brain regions following glyphosate exposure.

Mitochondrial bioenergetics and locomotor activity are altered in zebrafish (*Danio rerio*) after exposure to the bipyridylum herbicide diquat.

Silymarin attenuated paraquat-induced cytotoxicity in macrophage by regulating Trx/TXNIP complex, inhibiting NLRP3 inflammasome activation and apoptosis.

Are the damaging effects induced by the imazethapyr formulation Pivot(®) H in *Boana pulchella* (Anura) reversible upon ceasing exposure?

Assessment of hepatic metabolism-dependent nephrotoxicity on an organs-on-a-chip microdevice.

Arsenite and methylarsonite inhibit mitochondrial metabolism and glucose-stimulated insulin secretion in INS-1 832/13 β^2 cells.

Analysis of earthworm sublethal toxic responses to atrazine exposure using (1) H nuclear magnetic resonance (NMR)-based metabolomics.

Neurological and Neurophysiological Findings in Workers with Chronic 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Intoxication 50 Years After Exposure.

Subchronic exposure to kalach 360 SL-induced endocrine disruption and ovary damage in female rats.

Preference of Aerosolized Pirfenidone to Oral Intake: An Experimental Model of Pulmonary Fibrosis by Paraquat.

Cardiovascular Effects and Fatality May Differ According to the Formulation of Glyphosate Salt Herbicide.

Cellular Senescence Is Induced by the Environmental Neurotoxin Paraquat and Contributes to Neuropathology Linked to Parkinson's Disease.

[The impact of electronic cigarettes usage on the endothelial function and the progression of atherosclerosis].

[The protective effect of Xuebijing on paraquat-induced HK-2 cells apoptosis and the underlying mechanisms].

Glyphosate ingestion causing multiple organ failure: a near-fatal case report.

Effects on metabolic parameters in young rats born with low birth weight after exposure to a mixture of pesticides.

MnTMPyP inhibits paraquat-induced pulmonary epithelial-like cell injury by inhibiting oxidative stress.

Transcription factor NFE2L2/NRF2 modulates chaperone-mediated autophagy through the regulation of LAMP2A.

A simple and economical method of gas chromatography-mass spectrometry to determine the presence of 6 pesticides in human plasma and its clinical application in patients with acute poisoning.

Necrosis in human neuronal cells exposed to paraquat.

A comparative study on subacute toxicity of arsenic trioxide and dimethylarsinic acid on antioxidant status in Crandell Rees feline kidney (CRFK), human hepatocellular carcinoma (PLC/PRF/5), and epithelioma papulosum cyprini (EPC) cell lines.

HIV and paraquat poisoning: fighting fire with fire?

Toxicity of formulants and heavy metals in glyphosate-based herbicides and other pesticides.

Chronic exposure to a glyphosate-containing pesticide leads to mitochondrial dysfunction and increased reactive oxygen species production in *Caenorhabditis elegans*.

Estrogenic and anti-androgenic effects of the herbicide tebuthiuron in male Nile tilapia (*Oreochromis niloticus*).

Treatment Outcome of Combined Continuous Venovenous Hemofiltration and Hemoperfusion in Acute Paraquat Poisoning: A Prospective Controlled Trial.

Effect on the dopaminergic metabolism induced by oral exposure to simazine during the prepubertal period in rats.

Atrazine-induced environmental nephrosis was mitigated by lycopene via modulating nuclear xenobiotic receptors-mediated response.

Ovarian growth impairment after chronic exposure to Roundup Ultramax[®] in the estuarine crab *Neohelice granulata*.

Mitigating effects of pollen during paraquat exposure on gene expression and pathogen prevalence in *Apis mellifera* L.

Paraquat affects mitochondrial bioenergetics, dopamine system expression, and locomotor activity in zebrafish (*Danio rerio*).

Effects of endosulfan, thiamethoxam, and indoxacarb in combination with atrazine on multi-biomarkers in *Gammarus kischineffensis*.

Chronic toxicity of 1,3,5-triazine herbicides in the postembryonic development of the western clawed frog *Silurana tropicalis*.

Neuroprotective Effects of Baicalein on Acrolein-induced Neurotoxicity in the Nigrostriatal Dopaminergic System of Rat Brain.

Lethal Bentazone Intoxication - A Report of Two Cases.

Effects of prolonged methylprednisolone treatment after pulse therapy for paraquat-intoxicated rats.

TRPM2 Promotes Neurotoxin MPP(+)/MPTP-Induced Cell Death.

Trans-cinnamaldehyde Modulates Hippocampal Nrf2 Factor and Inhibits Amyloid Beta Aggregation in LPS-Induced Neuroinflammation Mouse Model.

Lack of superoxide dismutase in a rad51 mutant exacerbates genomic instability and oxidative stress-mediated cytotoxicity in *Saccharomyces cerevisiae*.

The effect of commercial herbicide exposure on the life history and insecticide resistance phenotypes of the major malaria vector *Anopheles arabiensis* (Diptera: culicidae).

Protective Effects of a Rho Kinase Inhibitor on Paraquat-Induced Acute Lung Injuries in Rats.

Whole Genome Sequencing of a Vietnamese Family from a Dioxin Contamination Hotspot Reveals Novel Variants in the Son with Undiagnosed Intellectual Disability.

Neuroprotective Activity of Some Marine Fungal Metabolites in the 6-Hydroxydopamin- and Paraquat-Induced Parkinson's Disease Models.

Cytotoxicity of the natural herbicidal chemical, berberine, on *Nicotiana tabacum* Bright yellow-2 cells.

Letter to the editor re: Cheng, YH., Chou, WC., Yang, YF. et al. *Environ Sci Pollut Res* (2017).
<https://doi.org/10.1007/s11356-017-0875-4>.

Response to "Letter to the editor re: Cheng YH, Chou WC, Yang YF, et al. *Environ Sci Pollut Res* (2018).
<https://doi.org/10.107/s11356-017-0875-4>".

"Reversible Parkinsonism" following glyphosate exposure.

Reply for the comment on "Reversible Parkinsonism induced by acute exposure glyphosate".

Prolonged low-dose cyclophosphamide treatment after pulse therapy attenuates lung injury in rats with paraquat intoxication.

Commercial AHAS-inhibiting herbicides are promising drug leads for the treatment of human fungal pathogenic infections.

Cinnamic aldehyde inhibits vascular smooth muscle cell proliferation and neointimal hyperplasia in Zucker Diabetic Fatty rats.

Self-reported physician-diagnosed chronic obstructive pulmonary disease and spirometry patterns in Vietnam Era US Army Chemical Corps veterans: A retrospective cohort study.

The KCa3.1 blocker TRAM-34 inhibits proliferation of fibroblasts in paraquat-induced pulmonary fibrosis.

'Real-world' compensatory behaviour with low nicotine concentration e-liquid: subjective effects and nicotine, acrolein and formaldehyde exposure.

Novel action of vinpocetine in the prevention of paraquat-induced parkinsonism in mice: involvement of oxidative stress and neuroinflammation.

Paraquat toxicity is attenuated by 4-phenylbutyrate-induced phosphorylation of ERK2 via PI3K in A549 cells.

Cinnamaldehyde Improves Lifespan and Healthspan in *Drosophila melanogaster* Models for Alzheimer's Disease.

NRF2 Activation Inhibits Both TGF- β 1- and IL-13-Mediated Periostin Expression in Fibroblasts: Benefit of Cinnamaldehyde for Antifibrotic Treatment.

Aldehyde dehydrogenase 2 activation ameliorates cyclophosphamide-induced acute cardiotoxicity via detoxification of toxic aldehydes and suppression of cardiac cell death.

Effects of arsenic methylation and metabolism on the changes of arsenic-related skin lesions.

Acrolein Contributes to the Neuropathic Pain and Neuron Damage after Ischemic-Reperfusion Spinal Cord Injury.

The activation of STIM1 mediates S-phase arrest and cell death in paraquat induced acute lung intoxication.

Necrostatin-1 Protects Against Paraquat-Induced Cardiac Contractile Dysfunction via RIP1-RIP3-MLKL-Dependent Necroptosis Pathway.

Protective Effects of Brain Infarction by N-Acetylcysteine Derivatives.

FGF21 attenuates pulmonary fibrogenesis through ameliorating oxidative stress in vivo and in vitro.

Submicron emulsion of cinnamaldehyde ameliorates bleomycin-induced idiopathic pulmonary fibrosis via inhibition of inflammation, oxidative stress and epithelial-mesenchymal transition.

Time for Targeted Therapies in Acute Respiratory Distress Syndrome? Understanding Every Single Piece of the Puzzle.

Targeting Aged Astrocytes May Be a New Therapeutic Strategy in Parkinson's Disease.

Short communication: Investigation of antibiotic alternatives to improve health and growth of veal calves.

Autolytic enzymes are responsible for increased melanization of carbon stressed *Aspergillus nidulans* cultures.

Glyphosate Use and Cancer Incidence in the Agricultural Health Study.

How glyphosate affects plant disease development: it is more than enhanced susceptibility.

Protective effect of ALDH2 against cyclophosphamide-induced acute hepatotoxicity via attenuating oxidative stress and reactive aldehydes.

Varying susceptibility of clinical and environmental *Scedosporium* isolates to chemical oxidative stress in conidial germination.

Acrolein-mediated neuronal cell death and alpha-synuclein aggregation: Implications for Parkinson's disease.

Complement receptor 3 mediates NADPH oxidase activation and dopaminergic neurodegeneration through a Src-Erk-dependent pathway.

Neutrophil extracellular traps in acrolein promoted hepatic ischemia reperfusion injury: Therapeutic potential of NOX2 and p38MAPK inhibitors.

Astrocytic JWA deletion exacerbates dopaminergic neurodegeneration by decreasing glutamate transporters in mice.

Enhanced Production of Fatty Acids via Redirection of Carbon Flux in Marine Microalga *Tetraselmis* sp.

Agrochemicals increase risk of human schistosomiasis by supporting higher densities of intermediate hosts.

The Neuroprotective Effects of Cinnamic Aldehyde in an MPTP Mouse Model of Parkinson's Disease.

Protective Effects of Chymostatin on Paraquat-Induced Acute Lung Injury in Mice.

Combination Therapy with Pirfenidone plus Prednisolone Ameliorates Paraquat-Induced Pulmonary Fibrosis.

Neuroprotective effects of coenzyme Q10 on paraquat-induced Parkinson's disease in experimental animals.

Purinergic receptor P2Y6 contributes to 1-methyl-4-phenylpyridinium-induced oxidative stress and cell death in neuronal SH-SY5Y cells.

Immunomodulatory and therapeutic role of *Cinnamomum verum* extracts in collagen-induced arthritic BALB/c mice.

[Analysis of acute pesticide poisoning in Ningbo city from 2011 to 2016].

6-OHDA-induced dopaminergic neurodegeneration in *Caenorhabditis elegans* is promoted by the engulfment pathway and inhibited by the transthyretin-related protein TTR-33.

Mutations in *Caenorhabditis elegans* neuroligin-like glit-1, the apoptosis pathway and the calcium chaperone crt-1 increase dopaminergic neurodegeneration after 6-OHDA treatment.

Acid-activatable oxidative stress-inducing polysaccharide nanoparticles for anticancer therapy.

DJ-1 Suppresses Cytoplasmic TDP-43 Aggregation in Oxidative Stress-Induced Cell Injury.

Molecular characterization and efficacy evaluation of a transgenic corn event for insect resistance and glyphosate tolerance.

Glyphosate and AMPA of agricultural soil, surface water, groundwater and sediments in areas prevalent with chronic kidney disease of unknown etiology, Sri Lanka.

Orofacial antinociceptive effect of *Mimosa tenuiflora* (Willd.) Poiret.

Alterations in Acrolein Metabolism Contribute to Alzheimer's Disease.

Acrolein: An Effective Biomarker for Tissue Damage Produced from Polyamines.

Molecular cloning, characterization, expression and enzyme activity of catalase from planarian *Dugesia japonica* in response to environmental pollutants.

Hesperetin mitigates acrolein-induced apoptosis in lung cells in vitro and in vivo.

Acrolein induces NLRP3 inflammasome-mediated pyroptosis and suppresses migration via ROS-dependent autophagy in vascular endothelial cells.

Anti-inflammatory effects of cinnamon extract and identification of active compounds influencing the TLR2 and TLR4 signaling pathways.

Inhibition of catalase activity with 3-amino-1,2,4-triazole intensifies bisphenol A (BPA)-induced toxicity in granulosa cells of female albino rats.

Low-concentration exposure to glyphosate-based herbicide modulates the complexes of the mitochondrial respiratory chain and induces mitochondrial hyperpolarization in the *Danio rerio* brain.

Gene expression in response to glyphosate treatment in fleabane (*Conyza bonariensis*) - glyphosate death response and candidate resistance genes.

Exercise and β^2 -alanine supplementation on carnosine-acrolein adduct in skeletal muscle.

[Effect of hemoperfusion combined with continuous veno-venous hemofiltration on acute paraquat poisoning: a Meta-analysis].

Multidrug Resistance Protein 1 (MRP1/ABCC1)-Mediated Cellular Protection and Transport of Methylated Arsenic Metabolites Differs between Human Cell Lines.

Extended fish short term reproduction assays with the fathead minnow and Japanese medaka: No evidence of impaired fecundity from exposure to atrazine.

Developmental Exposure to Atrazine Impairs Spatial Memory and Downregulates the Hippocampal D1 Dopamine Receptor and cAMP-Dependent Signaling Pathway in Rats.

Dietary flavonoids improve urinary arsenic elimination among Mexican women.

Effects of an early-life paraquat exposure on adult resistance to oxidative stress, plumage colour and sperm performance in a wild bird.

Chronic adriamycin treatment impairs CGRP-mediated functions of meningeal sensory nerves.

Chimeric mice with humanized liver as a model for testing organophosphate and carbamate pesticide exposure.

Diquat-induced oxidative stress increases intestinal permeability, impairs mitochondrial function, and triggers mitophagy in piglets.

Glyphosate application increased catabolic activity of gram-negative bacteria but impaired soil fungal community.

Cultivable fungi present in Antarctic soils: taxonomy, phylogeny, diversity, and bioprospecting of antiparasitic and herbicidal metabolites.

Glyphosate resistance in *Ambrosia trifida*: Part 1. Novel rapid cell death response to glyphosate.

Acute and chronic toxicity of diuron and carbofuran to the neotropical cladoceran *Ceriodaphnia silvestrii*.

CpMCA, a novel metacaspase gene from the harmful dinoflagellate *Cochlodinium polykrikoides* and its expression during cell death.

Potential risks of dietary exposure to chlorpyrifos and cypermethrin from their use in fruit/vegetable crops and beef cattle productions.

Silicon Decreases Dimethylarsinic Acid Concentration in Rice Grain and Mitigates Straighthead Disorder.

Genome-wide (ChIP-seq) identification of target genes regulated by BdbZIP10 during paraquat-induced oxidative stress.

No subchronic toxicity of multiple herbicide-resistant soybean FG72 in Sprague-Dawley rats by 90-days feeding study.

Effects of the herbicides linuron and S-metolachlor on Perez's frog embryos.

An assessment of the acute dietary exposure to glyphosate using deterministic and probabilistic methods.

Taurine Inhibits TRPV-Dependent Activity to Overcome Oxidative Stress in *Caenorhabditis elegans*.

Chronic low-dose pro-oxidant treatment stimulates transcriptional activity of telomeric retroelements and increases telomere length in *Drosophila*.

Target vs non-target analysis to determine pesticide residues in fruits from Saudi Arabia and influence in potential risk associated with exposure.

Is the tier-1 effect assessment for herbicides protective for aquatic algae and vascular plant communities?

Dantrolene is not the answer to 2,4-dinitrophenol poisoning: more heated debate.

The utility of saliva testing in the estimation of uremic toxin levels in serum.

EF-Tu From Non-typeable *Haemophilus influenzae* Is an Immunogenic Surface-Exposed Protein Targeted by Bactericidal Antibodies.

Key role of singlet oxygen and peroxynitrite in viral RNA damage during virucidal effect of plasma torch on feline calicivirus.

Could resistant starch supplementation improve inflammatory and oxidative stress biomarkers and uremic toxins levels in hemodialysis patients? A pilot randomized controlled trial.

Association between Protein-Bound Uremic Toxins and Asymptomatic Cardiac Dysfunction in Patients with Chronic Kidney Disease.

The Aryl Hydrocarbon Receptor and the Maintenance of Lung Health.

Retinoic acid co-treatment aggravates severity of dioxin-induced skin lesions in hairless mice via induction of inflammatory response.

A study of the intrinsic variability and the effect of environmental conditions on the formation of a postmortem root band.

Effect of *Lactobacillus Rhamnosus* on serum uremic toxins (phenol and P-Cresol) in hemodialysis patients: A double blind randomized clinical trial.

Dioxins as potential risk factors for autism spectrum disorder.

Characteristics of Resistance to *Puccinia coronata* f. sp. *avenae* in *Avena fatua*.

Cleft palate formation after palatal fusion occurs due to the rupture of epithelial basement membranes.

Associations of cumulative exposure to heavy metal mixtures with obesity and its comorbidities among U.S. adults in NHANES 2003-2014.

Chiral pharmaceuticals: Environment sources, potential human health impacts, remediation technologies and future perspective.

Sociodemographic and clinical characteristics of old-old suicide attempters compared with young-old and middle-aged attempters.

Profile of three boron-containing compounds on the body weight, metabolism and inflammatory markers of diabetic rats.

Hexachloronaphthalene (HxCN) as a potential endocrine disruptor in female rats.

Maternal exposure to TCDD during gestation advanced sensory-motor development, but induced impairments of spatial learning and memory in adult male rat offspring.

Impairment of ovaries by 2,3,7,8-tetrachlorobenzo-p-dioxin (TCDD) exposure in utero associated with BMP15 and GDF9 in the female offspring rat.

AHR gene-dioxin interactions and birthweight in the Seveso Second Generation Health Study.

Dinitrophenol (DNP) Fatality Associated with a Falsely Elevated Salicylate Level: a Case Report with Verification of Laboratory Cross Reactivity.

A follow-up study of the development of skin lesions associated with arsenic exposure duration.

Recognising the return of nutritional deficiencies: a modern pellagra puzzle.

Development of Biomarkers for Inhibition of SLC6A19 (B⁰AT1)-A Potential Target to Treat Metabolic Disorders.

Prenatal treatment with rosiglitazone attenuates vascular remodeling and pulmonary monocyte influx in experimental congenital diaphragmatic hernia.

Genetic background and window of exposure contribute to thyroid dysfunction promoted by low-dose exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice.

Contributing factors to iron deficiency anemia in women in Jordan: A single-center cross-sectional study.

Dioxin-like PCB 126 increases intestinal inflammation and disrupts gut microbiota and metabolic homeostasis.

Contribution of uraemic toxins to the vascular fibrosis associated with chronic kidney disease.

Morphological evaluation of liposomal iron carriers.

Fetal lung transcriptome patterns in an ex vivo compression model of diaphragmatic hernia.

Ketogenic diet regulates the antioxidant catalase via the transcription factor PPAR α .

Impaired lipid and glucose homeostasis in male mice offspring after combined exposure to low-dose bisphenol A and arsenic during the second half of gestation.

Shen-Shuai-Ning granule decreased serum concentrations of indoxyl sulphate in uremic patients undergoing peritoneal dialysis.

Defining the viability of tardigrades with a molecular sensor related to death.

Cohort study of workers at a New Zealand agrochemical plant to assess the effect of dioxin exposure on mortality.

Eleven Weeks of Iron Supplementation Does Not Maintain Iron Status for an Entire Competitive Season in Elite Female Volleyball Players: A Follow-Up Study.

An optogenetic toolbox of LOV-based photosensitizers for light-driven killing of bacteria.

Uremia Impacts VE-Cadherin and ZO-1 Expression in Human Endothelial Cell-to-Cell Junctions.

Effect of Norepinephrine on Intracellular Ca²⁺ Levels in Malignant Hyperthermia-Susceptible B Cells: Pilot Study in the Search for a New Diagnostic Test for Malignant Hyperthermia.

A Prospective Randomised Controlled Trial of a Single Intravenous Infusion of Ferric Carboxymaltose vs Single Intravenous Iron Polymaltose or Daily Oral Ferrous Sulphate in the Treatment of Iron Deficiency Anaemia in Pregnancy.

Sperm epigenome as a marker of environmental exposure and lifestyle, at the origin of diseases inheritance.

Preliminary study of urinary arsenic concentration and arsenic methylation capacity effects on neurodevelopment in very low birth weight preterm children under 24 months of corrected age.

Anemia in Older Adults.

Iron Fortification of Spiced Vinegar in the Philippines.

Preoperative Epoetin- α with Intravenous or Oral Iron for Major Orthopedic Surgery: A Randomized Controlled Trial.

2,3,7,8-tetrachlorodibenzo-p-dioxin suppresses the growth of human liver cancer HepG2 cells in vitro: Involvement of cell signaling factors.

Mitochondrial uncoupling prodrug improves tissue sparing, cognitive outcome, and mitochondrial bioenergetics after traumatic brain injury in male mice.

Risk of Alzheimer's disease with metal concentrations in whole blood and urine: A case-control study using propensity score matching.

Neuroprotective effects of dietary borax in the brain tissue of rainbow trout (*Oncorhynchus mykiss*) exposed to copper-induced toxicity.

Comparing the Effects of Ferulic Acid and Sugarcane Aqueous Extract in In Vitro and In Vivo Neurotoxic Models.

Isolated hypospadias: The impact of prenatal exposure to pesticides, as determined by meconium analysis.

Sleep disorders among Yusho patients highly intoxicated with dioxin-related compounds: A 140-case series.

Hepatocyte-Specific Deletion of TIPARP, a Negative Regulator of the Aryl Hydrocarbon Receptor, Is Sufficient to Increase Sensitivity to Dioxin-Induced Wasting Syndrome.

Prevalence of elevated blood lead levels among pregnant women and sources of lead exposure in rural Bangladesh: A case control study.

Paternal developmental toxicant exposure is associated with epigenetic modulation of sperm and placental Pgr and Igf2 in a mouse model.

miR-145 via targeting ERCC2 is involved in arsenite-induced DNA damage in human hepatic cells.

Nitration of microtubules blocks axonal mitochondrial transport in a human pluripotent stem cell model of Parkinson's disease.

Generation, clearance, toxicity, and monitoring possibilities of unaccounted uremic toxins for improved dialysis prescriptions.

Biomarkers for detection, prognosis and therapeutic assessment of neurological disorders.

The Impact of Uremic Toxicity Induced Inflammatory Response on the Cardiovascular Burden in Chronic Kidney Disease.

Efficacy of Lactoferrin Oral Administration in the Treatment of Anemia and Anemia of Inflammation in Pregnant and Non-pregnant Women: An Interventional Study.

Sucrosomial($\text{A}^{\text{®}}$) Iron Supplementation in Mice: Effects on Blood Parameters, Hepcidin, and Inflammation.

Pharmacological induction of heat shock proteins ameliorates toxicity of mutant PKC δ^3 in spinocerebellar ataxia type 14.

Weanling Offspring of Dams Maintained on Serine-Deficient Diet Are Vulnerable to Oxidative Stress.

Aryl hydrocarbon receptor enhances the expression of miR-150-5p to suppress in prostate cancer progression by regulating MAP3K12.

Peak AAA fatty acid homolog contaminants present in the dietary supplement L-Tryptophan associated with the onset of eosinophilia-myalgia syndrome.

Para-cresol production by *Clostridium difficile* affects microbial diversity and membrane integrity of Gram-negative bacteria.

Exploring a Novel Screening Method for Patients with Oral Squamous Cell Carcinoma: A plasma Metabolomics Analysis.

Impacts of Indoxyl Sulfate and p-Cresol Sulfate on Chronic Kidney Disease and Mitigating Effects of AST-120.

Uremic Toxins Activates Na/K-ATPase Oxidant Amplification Loop Causing Phenotypic Changes in Adipocytes in In Vitro Models.

Angptl2 deficiency attenuates paraquat (PQ)-induced lung injury in mice by altering inflammation, oxidative stress and fibrosis through NF- κ B pathway.

Expression of extracellular polysaccharides and proteins by clinical isolates of *Pseudomonas aeruginosa* in response to environmental conditions.

Diagnostic meaning of blood p-cresol concentration in forensic autopsy cases.

Transchem project - Part II: Transgenerational effects of long-term exposure to pendimethalin at environmental concentrations on the early development and viral pathogen susceptibility of rainbow trout (*Oncorhynchus mykiss*).

Aryl hydrocarbon receptor, a tumor grade-associated marker of oral cancer, is directly downregulated by polydatin: A pilot study.

Predictive metabolomic signatures of end-stage renal disease: A multivariate analysis of population-based data.

Incident thyroid disease in female spouses of private pesticide applicators.

Effect of various calcium salts on non-heme iron bioavailability in fasted women of childbearing age.

Health Risk Assessment of Occupationally Pesticide-Exposed Population of Cancer Prone Area of Punjab.

Acute Maneb Exposure Significantly Alters Both Glycolysis and Mitochondrial Function in Neuroblastoma Cells.

Lung function and pulmonary artery blood flow following prenatal maternal retinoic acid and imatinib in the nitrofen model of congenital diaphragmatic hernia.

Acute poisoning in Shenyang, China: a retrospective and descriptive study from 2012 to 2016.

Efficacy and safety of ferric carboxymaltose versus ferrous sulfate for iron deficiency anemia during pregnancy: subgroup analysis of Korean women.

Cytochrome C oxidase Inhibition and Cold Plasma-derived Oxidants Synergize in Melanoma Cell Death Induction.

Pesticides and cardiotoxicity. Where do we stand?

Chemical Tools for Targeted Amplification of Reactive Oxygen Species in Neutrophils.

Ursodeoxycholic acid improves liver function via phenylalanine/tyrosine pathway and microbiome remodelling in patients with liver dysfunction.

[Clinical features and prognosis analysis of the elderly and youth patients with acute severe poisoning].

Quercetin modulates iron homeostasis and iNOS expression of splenic macrophages in a rat model of iron deficiency anemia.

Elevated Arsenic Exposure Is Associated with an Increased Risk of Chronic Hepatitis B Virus Infection: NHANES (2003-2014) in U.S. Adults.

Integrated transcriptomics and metabolomics reveal signatures of lipid metabolism dysregulation in HepaRG liver cells exposed to PCB 126.

Pea Ferritin Stability under Gastric pH Conditions Determines the Mechanism of Iron Uptake in Caco-2 Cells.

Ellagic acid mitigates sodium arsenite-induced renal and hepatic toxicity in male Wistar rats.

Immune response induced by major environmental pollutants through altering neutrophils in zebrafish larvae.

Clinical pharmacokinetics and safety profile of single agent arsenic trioxide by continuous slow-rate infusion in patients with newly diagnosed acute promyelocytic leukemia.

Associations of Arsenic Exposure With Telomere Length and Na⁺-ve T Cells in Childhood-A Birth Cohort Study.

The aryl hydrocarbon receptor is indispensable for dioxin-induced defects in sexually-dimorphic behaviors due to the reduction in fetal steroidogenesis of the pituitary-gonadal axis in rats.

LC-Q-TOF-MS based plasma metabolomic profile of subclinical pelvic inflammatory disease: A pilot study.

Adaptive changes in global gene expression profile of lung carcinoma A549 cells acutely exposed to distinct types of AhR ligands.

N(6)-methyladenosine mediates the cellular proliferation and apoptosis via microRNAs in arsenite-transformed cells.

RASopathic comedone-like or cystic lesions induced by vemurafenib: a model of skin lesions similar but not identical to those induced by dioxins MADISH.

The Association of Arsenic Exposure and Arsenic Metabolism With the Metabolic Syndrome and Its Individual Components: Prospective Evidence From the Strong Heart Family Study.

Protective Effect of Ellagic Acid Against Sodium Arsenite-Induced Cardio- and Hematotoxicity in Rats.

Loop diuretic down-titration in stable chronic heart failure is often achievable, especially when urinary chloride concentration is low.

Evaluation of metabolic reactivity in macrophages from mice with chronic sodium arsenite intake and experimental carcinogenesis.

Oxymatrine attenuates lipopolysaccharide-induced acute lung injury by activating the epithelial sodium channel and suppressing the JNK signaling pathway.

A splicing mutation in aryl hydrocarbon receptor associated with retinitis pigmentosa.

Probiotics in the treatment of chronic kidney disease: a systematic review.

Phenol and chlorinated phenols exhibit different apoptotic potential in human red blood cells (in vitro study).

ALDH2 Protects Against Ischemic Stroke in Rats by Facilitating 4-HNE Clearance and AQP4 Down-Regulation.

Residual Function Effectively Controls Plasma Concentrations of Secreted Solutes in Patients on Twice Weekly Hemodialysis.

Associations between persistent organic pollutants and metabolic syndrome in morbidly obese individuals.

Low arsenic concentrations impair memory in rat offspring exposed during pregnancy and lactation: Role of $\alpha 7$ nicotinic receptor, glutamate and oxidative stress.

Arsenic speciation in hair and nails of acute promyelocytic leukemia (APL) patients undergoing arsenic trioxide treatment.

Polymorphisms of Arsenic (+3 Oxidation State) Methyltransferase and Arsenic Methylation Capacity Affect the Risk of Bladder Cancer.

2,4 Dinitrophenol Attenuates Mitochondrial Dysfunction and Improves Neurobehavioral Outcomes Postanoxia in Neonatal Rats.

Arsenic induces cardiac rhythm dysfunction and acylcarnitines metabolism perturbation in rats.

Endoribonuclease YbeY Is Linked to Proper Cellular Morphology and Virulence in *Brucella abortus*.

Uremic Toxin Clearance and Cardiovascular Toxicities.

Increasing kynurenine brain levels reduces ethanol consumption in mice by inhibiting dopamine release in nucleus accumbens.

Of mice and men - environmental temperature, body temperature, and treatment of obesity.

2,3,7,8-Tetrachlorodibenzo-p-dioxin dose-dependently increases bone mass and decreases marrow adiposity in juvenile mice.

Serum folate and cobalamin levels and urinary dimethylarsinic acid in US children and adults.

TLQP Peptides in Amyotrophic Lateral Sclerosis: Possible Blood Biomarkers with a Neuroprotective Role.

Lab-scale evaluation of aerated burial concept for treatment and emergency disposal of infectious animal carcasses.

Anti-amyloidgenic and neurotrophic effects of tetrahydroxystilbene glucoside on a chronic mitochondrial dysfunction rat model induced by sodium azide.

The Effect of Boric Acid and Borax on Oxidative Stress, Inflammation, ER Stress and Apoptosis in Cisplatin Toxication and Nephrotoxicity Developing as a Result of Toxication.

Iron pill aspiration: Cytologic and histologic findings of a potential life-threatening airway injury. A Case report and literature review.

Plasma p-cresol lowering effect of sevelamer in non-dialysis CKD patients: evidence from a randomized controlled trial.

Low doses of bioherbicide favour prion aggregation and propagation in vivo.

Photosensitized Protein-Damaging Activity, Cytotoxicity, and Antitumor Effects of P(V)porphyrins Using Long-Wavelength Visible Light through Electron Transfer.

Genetic or pharmacological superoxide-hydrogen peroxide imbalances modulate the in vitro effects of lithium on glycogen synthase kinase-3 β .

Hazard assessment of three haloacetic acids, as byproducts of water disinfection, in human urothelial cells.

Metabolic profiles in community-acquired pneumonia: developing assessment tools for disease severity.

Mining a Kr β hnke Pyridine Library for Anti-Arenavirus Activity.

Towards Resolving the Pro- and Anti-Tumor Effects of the Aryl Hydrocarbon Receptor.

[The establishment of the immortalized mouse brain microvascular pericytes model and its preliminary application in screening of cerebrovascular toxicants].

Protective Effect of Azadirachta indica and Vitamin E Against Arsenic Acid-Induced Genotoxicity and Apoptosis in Rats.

Stress Granule Assembly Disrupts Nucleocytoplasmic Transport.

[Three-generation study on neuroethology and cognitive ability of genetically modified maize with Cry1Ab and epsps genes on the SD rats].

Loss of the Thioretinaco Ozonide Oxygen Adenosine Triphosphate Complex from Mitochondria Produces Mitochondrial Dysfunction and Carcinogenesis.

The effect of ellagic acid on photodynamic therapy in leukemia cells.

Impact of Double-Fortified Salt with Iron and Iodine on Hemoglobin, Anemia, and Iron Deficiency Anemia: A Systematic Review and Meta-Analysis.

Deficiency of aldose reductase exacerbates early pressure overload-induced cardiac dysfunction and autophagy in mice.

Metabolism and disposition of arsenic species after repeated oral dosing with sodium arsenite in drinking water. II. Measurements in pregnant and fetal CD-1 mice.

Vocalization as a novel endpoint of atypical attachment behavior in 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed infant mice.

Does Low-Protein Diet Influence the Uremic Toxin Serum Levels From the Gut Microbiota in Nondialysis Chronic Kidney Disease Patients?

Microglial activation and the nitric oxide/cGMP/PKG pathway underlie enhanced neuronal vulnerability to mitochondrial dysfunction in experimental multiple sclerosis.

Sex-Dependent Influence of Developmental Toxicant Exposure on Group B Streptococcus-Mediated Preterm Birth in a Murine Model.

Modulation of intestinal microbiota, control of nitrogen products and inflammation by pre/probiotics in chronic kidney disease: a systematic review.

Quercetin-3-O- β -l-arabinopyranoside protects against retinal cell death via blue light-induced damage in human RPE cells and Balb-c mice.

Acute Metam Sodium Poisoning Caused by Occupational Exposure at a Flower Farm - Uganda, October 2016.

Fucoidan Rescues p-Cresol-Induced Cellular Senescence in Mesenchymal Stem Cells via FAK-Akt-TWIST Axis.

Cholinesterase research outreach project (CROP): point of care cholinesterase measurement in an Australian agricultural community.

Food and nutrition insecurity indicators associated with iron deficiency anemia in Brazilian children: a systematic review.

The possible neuroprotective effect of ellagic acid on sodium arsenate-induced neurotoxicity in rats.

Alterations in DNA methyltransferases and methyl-CpG binding domain proteins during cleft palate formation as induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice.

Relationship between serum trimethylamine N-oxide and exposure to dioxin-like pollutants.

Genetic and functional analysis of the RYR1 mutation p.Thr84Met revealed a susceptibility to malignant hyperthermia.

Dioxin-like PCB 126 Increases Systemic Inflammation and Accelerates Atherosclerosis in Lean LDL Receptor-Deficient Mice.

Role of Peroxiredoxin 2 in the Protection Against Ferrous Sulfate-Induced Oxidative and Inflammatory Injury in PC12 Cells.

In rats gestational iron deficiency does not change body fat or hepatic mitochondria in the aged offspring.

Phase III randomized trial comparing intravenous to oral iron in patients with cancer-related iron deficiency anemia not on erythropoiesis stimulating agents.

Anti-inflammatory evaluation and characterization of leaf extract of *Ananas comosus*.

Pesticide Use and Asthma in Alberta Grain Farmers.

Effects of low-level prenatal exposure to dioxins on cognitive development in Japanese children at 42months.

Comparative roles of *clpA* and *clpB* in the survival of *S. Typhimurium* under stress and virulence in poultry.

Sucrosomial Iron Supplementation in Anemic Patients with Celiac Disease Not Tolerating Oral Ferrous Sulfate: A Prospective Study.

Extended Duration Nocturnal Hemodialysis and Changes in Plasma Metabolite Profiles.

Exploration of the Fecal Microbiota and Biomarker Discovery in Equine Grass Sickness.

Performance Verification of Alternative Quality Control Materials for Urine Albumin Assessment.

[Adherence to iron supplementation in pregnant women].

Diterpene ginkgolides meglumine injection protects against paraquat-induced lung injury and pulmonary fibrosis in rats.

What can we do to optimize stem and progenitor cell therapy for heart failure?

Decreased activity of glutathione peroxidase with oral ferrous iron administration: A cause of oxidative stress.

Contributory Role of Gut Microbiota and Their Metabolites Toward Cardiovascular Complications in Chronic Kidney Disease.

Microbial volatiles as plant growth inducers.

Immediate tooth replantation: root canal filling for delayed initiation of endodontic treatment.

p-Cresyl sulfate decreases peripheral B cells in mice with adenine-induced renal dysfunction.

The impaired immune function and structural integrity by dietary iron deficiency or excess in gill of fish after infection with *Flavobacterium columnare*: Regulation of NF- κ B, TOR, JNK, p38MAPK, Nrf2 and MLCK signalling.

Environmental pollutant hexachlorobenzene induces hypertension in a rat model.

Gestational exposure to inorganic arsenic (iAs³⁺) alters glutamate disposition in the mouse hippocampus and ionotropic glutamate receptor expression leading to memory impairment.

Anti-oxidants correct disturbance of redox enzymes in the hearts of rat fetuses with congenital diaphragmatic hernia.

Can resveratrol attenuate testicular damage in neonatal and adult rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin during gestation?

Metabolic characterization of human aqueous humor in the cataract progression after pars plana vitrectomy.

Prenatal exposure to TCDD and atopic conditions in the Seveso second generation: a prospective cohort study.

Does bird metabolic rate influence mosquito feeding preference?

Probiotic/prebiotic correction for adverse effects of iron fortification on intestinal resistance to *Salmonella* infection in weaning mice.

iTRAQ-based quantitative proteomic analysis reveals important metabolic pathways for arsenic-induced liver fibrosis in rats.

[Effects of prenatal tetrandrine treatment on the expression of Kruppel-like factor 5 and Survivin in the lung of congenital diaphragmatic hernia rat model induced by nitrofen].

Vascular Hyperpermeability Response in Animals Systemically Exposed to Arsenic.

Disorder of gut amino acids metabolism during CKD progression is related with gut microbiota dysbiosis and metagenome change.

The association of adverse mental health effects with repeated exposure to disasters.

The perspective of primary health care pediatricians regarding childhood anemia and iron supplementation.

Being in control? A thematic content analysis of 14 in-depth interviews with 2,4-dinitrophenol users.

Differences in fecal microbial metabolites and microbiota of children with autism spectrum disorders.

PCB95 and PCB153 change dopamine levels and turn-over in PC12 cells.

Safety evaluation of DAS-44406-6 soybeans in Wistar rats.

Association of urinary concentrations of four chlorophenol pesticides with cardiometabolic risk factors and obesity in children and adolescents.

Risk perceptions of public health and food safety hazards in poultry husbandry by citizens, poultry farmers and poultry veterinarians.

Pesticide use in agriculture and Parkinson's disease in the AGRICAN cohort study.

Arsenic exposure induces glucose intolerance and alters global energy metabolism.

Role of microRNAs in senescence and its contribution to peripheral neuropathy in the arsenic exposed population of West Bengal, India.

Increased CaSR and TRPC6 pulmonary vascular expression in the nitrofen-induced model of congenital diaphragmatic hernia.

Aberrant expression of miR-451a contributes to 1,2-dichloroethane-induced hepatic glycerol gluconeogenesis disorder by inhibiting glycerol kinase expression in NIH Swiss mice.

Occupational pesticide exposure and subclinical hypothyroidism among male pesticide applicators.

Downregulated Elastin Microfibril Interfacer 1 Expression in the Pulmonary Vasculature of Experimental Congenital Diaphragmatic Hernia.

Decreased Expression of Integrin Subunits $\alpha 3$, $\alpha 6$, and $\alpha 8$ in the Branching Airway Mesenchyme of Nitrofen-Induced Hypoplastic Lungs.

Decreased Rac1 Cardiac Expression in Nitrofen-Induced Diaphragmatic Hernia.

Arsenic Induces Thioredoxin 1 and Apoptosis in Human Liver HHL-5 Cells.

The Role of Cytochromes P450 in Infection.

The effect of association between inefficient arsenic methylation capacity and demographic characteristics on the risk of skin lesions.

The Influence of Genetic Stability on *Aspergillus fumigatus* Virulence and Azole Resistance.

Circular RNA BARD1 (Hsa_circ_0001098) overexpression in breast cancer cells with TCDD treatment could promote cell apoptosis via miR-3942/BARD1 axis.

Latent forms of the carious lesion of human lower third molars.

Novel Protective Effects of *Cistanche Tubulosa* Extract Against Low-Luminance Blue Light-Induced Degenerative Retinopathy.

Efficacy of Probiotics Supplementation On Chronic Kidney Disease: a Systematic Review and Meta-Analysis.

Recent decreasing trends of exposure to PCDDs/PCDFs/dioxin-like PCBs in general populations, and associations with diabetes, metabolic syndrome, and gout/hyperuricemia.

Untargeted metabolomics approach (UPLC-Q-TOF-MS) explores the biomarkers of serum and urine in overweight/obese young men.

Pesticide use, allergic rhinitis, and asthma among US farm operators.

Novel insight into circular RNA HECTD1 in astrocyte activation via autophagy by targeting MIR142-TIPARP: implications for cerebral ischemic stroke.

[About a cresol intoxication].

[Importance of Two Birth Cohorts (n=20,926 and n=514): 15 Years' Experience of the Hokkaido Study on Environment and Children's Health: Malformation, Development and Allergy].

[Genetic and Environmental Factors in Childhood Affecting High Brain Function].

Neurotoxin-Induced Animal Models of Parkinson Disease: Pathogenic Mechanism and Assessment.

Hygienic assessment of the effects of pesticides application on adult population morbidity with thyroid gland diseases.

Thymoquinone is protective against 2,3,7,8-tetrachlorodibenzo-p-dioxin induced hepatotoxicity.

The protective action of tocopherol and acetylsalicylic acid on the behavior of rats treated with dioxins.

Dioxin induces expression of hsa-miR-146b-5p in human neuroblastoma cells.

Efficacy of Supplementation with Iron Sulfate Compared to Iron Bisglycinate Chelate in Preterm Infants.

[Amyloid-selective Photooxygenation toward Treatment for Amyloid Diseases].

STATs in Lung Development: Distinct Early and Late Expression, Growth Modulation and Signaling Dysregulation in Congenital Diaphragmatic Hernia.

Perturbations in Endothelial Dysfunction-Associated Pathways in the Nitrofen-Induced Congenital Diaphragmatic Hernia Model.

Evidence for estrogeno-mimetic effects of a mixture of low-dose pollutants in a model of ovariectomized mice.

Epigenetic Therapy: Novel Translational Implications for Arrest of Environmental Dioxin-Induced Disease in Females.

Neuroprotective effects of hydrogen sulfide on sodium azide-induced oxidative stress in PC12 cells.

Role of endogenous hydrogen sulfide in cardiac mitochondrial preservation during ischemia reperfusion injury.

Association of blood polychlorinated biphenyls and cholesterol levels among Canadian Inuit.

Morbidity in New Zealand pesticide producers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Microbiota-derived uremic retention solutes: perpetrators of altered nonrenal drug clearance in kidney disease.

Probiotic Supplementation in Chronic Kidney Disease: A Double-blind, Randomized, Placebo-controlled Trial.

Perinatal Exposure to the Cyanotoxin β -N-Methylamino-L-Alanine (BMAA) Results in Long-Lasting Behavioral Changes in Offspring-Potential Involvement of DNA Damage and Oxidative Stress.

Utility of fur as a biomarker for persistent organic pollutants in Australian fur seals (*Arctocephalus pusillus doriferus*).

Short androgen receptor poly-glutamine-promoted endometrial cancer is associated with benzo[a]pyrene-mediated aryl hydrocarbon receptor activation.

Screening the ToxCast phase II libraries for alterations in network function using cortical neurons grown on multi-well microelectrode array (mwMEA) plates.

Morphological characteristics and human papillomavirus genotype predict the treatment response in cutaneous warts.

Effects of Endocrine-Disrupting Chemicals and Epigenetic Modifications in Ovarian Cancer: A Review.

Iron deficiency anemia interfering the diagnosis of compound heterozygosity for Hb constant spring and Hb Paks β : The first case report.

Slow Ca²⁺ Efflux by Ca²⁺/H⁺ Exchange in Cardiac Mitochondria Is Modulated by Ca²⁺ Re-uptake via MCU, Extra-Mitochondrial pH, and H⁺ Pumping by F₀F₁-ATPase.

Elucidating Conserved Transcriptional Networks Underlying Pesticide Exposure and Parkinson's Disease: A Focus on Chemicals of Epidemiological Relevance.

Developmental Dioxin Exposure Alters the Methylome of Adult Male Zebrafish Gonads.

Parkinsonian Neurotoxins Impair the Pro-inflammatory Response of Glial Cells.

Acute toxicity and behavioural responses in *Clarias batrachus* (Linnaeus) exposed to herbicide pretilachlor.

Animal Models of Parkinson's Disease.

[Cases of treatment experience of acute atrazine poisoning].

Colorimetric Detection of Carcinogenic Alkylating Fumigants on Nylon-6 Nanofibrous Membrane. Part I: Investigation of 4-(p-Nitrobenzyl)pyridine as a "New" Sensing Agent with Ultrahigh Sensitivity.

Occurrence of emerging pollutants in estuaries of the Basque Country: Analysis of sources and distribution, and assessment of the environmental risk.

Release and toxicity of adipose tissue-stored TCDD: Direct evidence from a xenografted fat model.

CYP1A1 and 1B1-mediated metabolic pathways of dolutegravir, an HIV integrase inhibitor.

Differences in reproductive toxicity of TBBPA and TCBPA exposure in male *Rana nigromaculata*.

Perivascular adipose tissue protects against the vascular dysfunction induced by acute ethanol intake: Role of hydrogen peroxide.

Pesticide-Poisoned Patients: Can They Be Used as Potential Organ Donors?

Glutathione-S-transferase-theta genotypes and the risk of cyclophosphamide toxicity in dogs.

Near infrared laser irradiation induces NETosis via oxidative stress and autophagy.

Corrigendum #2 to "Effects of Chronic Exposure to Sodium Arsenite on Expressions of VEGF and VEGFR2 Proteins in the Epididymis of Rats".

[Could Huatuo Jiaji (EX-B 2) Acupoint Be Assigned to the Governor Vessel ?].

[Paraquat induced acute pulmonary injury: an update on mechanisms].

Persistent Organic Pollutant Burden, Experimental POP Exposure, and Tissue Properties Affect Metabolic Profiles of Blubber from Gray Seal Pups.

2,6-Dihydroxybenzaldehyde Analogues of the Iron Chelator Salicylaldehyde Isonicotinoyl Hydrazone: Increased Hydrolytic Stability and Cytoprotective Activity against Oxidative Stress.

Pesticide toxicity: a mechanistic approach.

Induction of intracellular ferritin expression in embryo-derived *Ixodes scapularis* cell line (ISE6).

A novel decarboxylating amidohydrolase involved in avoiding metabolic dead ends during cyanuric acid catabolism in *Pseudomonas* sp. strain ADP.

Dynamics study on the role of curcumin on TGF- β 1 expression and pathological changes in acute paraquat poisoned rats.

Metabolism and disposition of arsenic species from controlled dosing with sodium arsenite in adult female CD-1 mice. III. Toxicokinetic studies following oral and intravenous administration.

Brazil nut improves the oxidative metabolism of superoxide-hydrogen peroxide chemically-imbalanced human fibroblasts in a nutrigenomic manner.

Acute stimulatory effect of tumor necrosis factor on the basolateral 50 pS K channels in the thick ascending limb of the rat kidney.

Glutathione S-transferase P deficiency induces glucose intolerance via JNK-dependent enhancement of hepatic gluconeogenesis.

Characteristics of AccSTIP1 in *Apis cerana cerana* and its role during oxidative stress responses.

Integrative transcriptome and microRNome analysis identifies dysregulated pathways in human Sertoli cells exposed to TCDD.

Multiple pesticide analysis in hair samples of pregnant French women: Results from the ELFE national birth cohort.

Screening of bacterial endophytes as potential biocontrol agents against soybean diseases.

Narrow windrow burning canola (*Brassica napus* L.) residue for *Sclerotinia sclerotiorum* (Lib.) de Bary sclerotia destruction.

Toward Integrative Bacterial Monitoring of Metolachlor Toxicity in Groundwater.

Sodium arsenite exposure inhibits histone acetyltransferase p300 for attenuating H3K27ac at enhancers in mouse embryonic fibroblast cells.

Effects of Agronomic Management and Climate on Leaf Phenolic Profiles, Disease Severity, and Grain Yield in Organic and Conventional Wheat Production Systems.

Photophysical properties and photodynamic therapy activity of highly water-soluble Zn(II) phthalocyanines.

Diagnostic Usefulness of Serum Albumin as a Predictor of Diabetic Ketoacidosis.

The effects of an osmoregulator, carbohydrates and polyol on maturation and germination of 'Golden THB' papaya somatic embryos.

Screening of bacteria that antagonize the main pathogen fungi of apple replantation disorders from anaerobic fermented fluid of organic material and its inhibitory effect.

Utility of Serum miR-122, Liver Enzymes, and Hepatic Histopathology in Response to Hepatotoxicants in Sprague-Dawley Rats.

Sevoflurane inhibits cardiac function in pulmonary fibrosis mice through the TLR4 signaling pathway.

PCB 95 promotes dendritic growth in primary rat hippocampal neurons via mTOR-dependent mechanisms.

Reduced intestinal epithelial mitochondrial function enhances in vitro interleukin-8 production in response to commensal *Escherichia coli*.

The Chemical Compositions of *Angelica pubescens* Oil and Its Prevention of UV-B Radiation-Induced Cutaneous Photoaging.

Environmental phenols and parabens in adipose tissue from hospitalized adults in Southern Spain.

Pesticide monitoring and ecotoxicological risk assessment in surface water bodies and sediments of a tropical agro-ecosystem.

Effects of 4-chlorophenol wastewater treatment on sludge acute toxicity, microbial diversity and functional genes expression in an activated sludge process.

Lymphocyte-Specific Protein Tyrosine Kinase (LCK) is Involved in the Aryl Hydrocarbon Receptor-Mediated Impairment of Immunoglobulin Secretion in Human Primary B Cells.

Prolonged DADLE exposure epigenetically promotes Bcl-2 expression and elicits neuroprotection in primary rat cortical neurons via the PI3K/Akt/NF- κ B pathway.

Supplementation of Short-Chain Fatty Acid, Sodium Propionate, in Patients on Maintenance Hemodialysis: Beneficial Effects on Inflammatory Parameters and Gut-Derived Uremic Toxins, A Pilot Study (PLAN Study).

Ingestion of subthreshold doses of environmental toxins induces ascending Parkinsonism in the rat.

Pioglitazone Protects Mesenchymal Stem Cells against P-Cresol-Induced Mitochondrial Dysfunction via Up-Regulation of PINK-1.

Psychic euosmia and obsessive compulsive personality disorder.

sox9b is required in cardiomyocytes for cardiac morphogenesis and function.

Bushfire smoke is pro-inflammatory and suppresses macrophage phagocytic function.

RXFP1 Receptor Activation by Relaxin-2 Induces Vascular Relaxation in Mice via a $G\hat{\pm}(i2)$ -Protein/PI3K $\hat{\pm}/\hat{\pm}^3$ /Nitric Oxide-Coupled Pathway.

Correction: Efficacy of initial haemopurification strategy for acute paraquat poisoning in adults: study protocol for a randomised controlled trial (HeSAPP).

Pseudomelanosis intestini "from pylorus to jejunum:" A rare endoscopic finding in a patient with GI bleeding.

n-Propanol extract of boiled and fermented koro benguk (*Mucuna pruriens* seed) shows a neuroprotective effect in paraquat dichloride-induced Parkinson's disease rat model.

Inter-relationships among physical dimensions, distal-proximal rank orders, and basal GCaMP fluorescence levels in Ca(2+) imaging of functionally distinct synaptic boutons at *Drosophila* neuromuscular junctions.

Renal Energy Metabolism Following Acute Dichloroacetate and 2,4-Dinitrophenol Administration: Assessing the Cumulative Action with Hyperpolarized [1-(13)C]Pyruvate MRI.

Delayed death following paraquat poisoning: three case reports and a literature review.

A review of current studies on cellular and molecular mechanisms underlying pulmonary fibrosis induced by chemicals.

Low dose exposure to HBCD, CB-153 or TCDD induces histopathological and hormonal effects and changes in brain protein and gene expression in juvenile female BALB/c mice.

Degradation of triclosan by chlorine dioxide: Reaction mechanism, 2,4-dichlorophenol accumulation and toxicity evaluation.

Transcriptomic and methylomic analysis reveal the toxicological effect of 2,3,7,8-Tetrachlorodibenzodioxin on human embryonic stem cell.

Early-life stress induces motor coordination dysfunction in adult mice.

Distinct psychopathology of patients who attempted suicide with rodenticide in Taiwan: a comparative study with patients of suicide with paraquat.

The effect of two bromfenvinphos impurities: BDCEE and $\hat{\pm}^2$ -ketophosphonate on oxidative stress induction, acetylcholinesterase activity, and viability of human red blood cells.

Volatile Organic Compounds of Malignant Breast Cancer Wounds: Identification and Odors.

Microbiome-Metabolomics Analysis of the Impacts of Long-Term Dietary Advanced-Glycation-End-Product Consumption on C57BL/6 Mouse Fecal Microbiota and Metabolites.

Synaptic Mitochondria are More Susceptible to Traumatic Brain Injury-induced Oxidative Damage and Respiratory Dysfunction than Non-synaptic Mitochondria.

Author Correction: Multiomics reveal non-alcoholic fatty liver disease in rats following chronic exposure to an ultra-low dose of Roundup herbicide.

Protein phosphatase 2A stimulates activation of TFEB and TFE3 transcription factors in response to oxidative stress.

Waterborne and Dietborne Toxicity of Inorganic Arsenic to the Freshwater Zooplankton *Daphnia magna*.

Toxicity assessment of agrochemical Almix in *Heteropneustes fossilis* through histopathological alterations.

Epigenetic underpinnings of developmental immunotoxicity and autoimmune disease.

Gut microbiota influences Alzheimer's disease pathogenesis by regulating acetate in *Drosophila* model.

Seasonal variations of contamination and exoskeletal malformations in the white shrimps *Palaemon longirostris* in the Gironde estuary, France.

Ancestral TCDD Exposure Induces Multigenerational Histologic and Transcriptomic Alterations in Gonads of Male Zebrafish.

Sources of free radicals and oxidative stress in the oral cavity.

Effects of Prebiotic Fiber Xylooligosaccharide in Adenine-Induced Nephropathy in Mice.

Acetyl-L-Carnitine Attenuates Arsenic-Induced Oxidative Stress and Hippocampal Mitochondrial Dysfunction.

The Burden of Acute Pesticide Poisoning and Pesticide Regulation in Korea.

Aryl Hydrocarbon Receptor Regulates Apoptosis and Inflammation in a Murine Model of Experimental Autoimmune Uveitis.

Metabolomics Discovers Early-Response Metabolic Biomarkers that Can Predict Chronic Reproductive Fitness in Individual *Daphnia magna*.

Food Chemicals Disrupt Human Gut Microbiota Activity And Impact Intestinal Homeostasis As Revealed By In Vitro Systems.

Modulation of the Oxidative Stress and Lipid Peroxidation by Endocannabinoids and Their Lipid Analogues.

Metabolomic analysis of serum from rats following long-term intake of Chinese sausage.

Aldehydes are the predominant forces inducing DNA damage and inhibiting DNA repair in tobacco smoke carcinogenesis.

Long noncoding RNA MANTIS relieved the protein-bound uremic toxin-induced injury on human umbilical vein endothelial cells in chronic kidney disease and end-stage renal disease.

Grapevine Trunk Diseases: A Review of Fifteen Years of Trials for Their Control with Chemicals and Biocontrol Agents.

Freeze-induced cyanide toxicity does not maintain the cyanogenesis polymorphism in white clover (*Trifolium repens*).

Cigarette smoke alters lung vascular permeability and endothelial barrier function (2017 Grover Conference Series).

Lung injury caused by paraquat poisoning results in increased interleukin-6 and decreased microRNA-146a levels.

Ellagic acid: A promising protective remedy against testicular toxicity induced by arsenic.

Safety evaluation of genetically modified DAS-40278-9 maize in a subchronic rodent feeding study.

Relative effective potencies of dioxin-like compounds in rodent and human lung cell models.

Toward an adverse outcome pathway for impaired growth: Mitochondrial dysfunction impairs growth in early life stages of the fathead minnow (*Pimephales promelas*).

Xanthohumol ameliorates 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cellular toxicity in cultured MC3T3-E1 osteoblastic cells.

Arsenic methylation capacity in relation to nutrient intake and genetic polymorphisms in one-carbon metabolism.

Antioxidant properties and anti-mutagenic potential of Piper Cubeba fruit extract and molecular docking of certain bioactive compounds.

Lithium Treatment Aggregates the Adverse Effects on Erythrocytes Subjected to Arsenic Exposure.

Pharmacologic modeling of primary mitochondrial respiratory chain dysfunction in zebrafish.

Melatonin Rescues Mesenchymal Stem Cells from Senescence Induced by the Uremic Toxin p-Cresol via Inhibiting mTOR-Dependent Autophagy.

Exposure to Environmental Contaminants and Lung Function in Adolescents-Is There a Link?

Biogenic Synthesis of Novel Functionalized Selenium Nanoparticles by *Lactobacillus casei* ATCC 393 and Its Protective Effects on Intestinal Barrier Dysfunction Caused by Enterotoxigenic *Escherichia coli* K88.

Transcriptomic evidence for involvement of reactive oxygen species in *Rhizoctonia solani* AG1 IA sclerotia maturation.

Systemic Acrolein Elevations in Mice With Experimental Autoimmune Encephalomyelitis and Patients With Multiple Sclerosis.

Antimicrobial agent triclosan disrupts mitochondrial structure, revealed by super-resolution microscopy, and inhibits mast cell signaling via calcium modulation.

Elicitor-Based Biostimulant PSP1 Protects Soybean Against Late Season Diseases in Field Trials.

Impact of a proposed revision of the IESTI equation on the acute risk assessment conducted when setting maximum residue levels (MRLs) in the European Union (EU): A case study.

Plasma Oligomeric Beta Amyloid in Alzheimer's Disease with History of Agent Orange Exposure.

Validation and bioinformatics analysis of differentially expressed circRNAs involved in developing male *Xenopus laevis* chronically exposed to atrazine.

Fertility in male rats: Disentangling adverse effects of arsenic compounds.

Protein-bounded uremic toxin p-cresylsulfate induces vascular permeability alternations.

Toxicity evaluation of 4,4'-di-CDPS and 4,4'-di-CDE on green algae *Scenedesmus obliquus*: growth inhibition, change in pigment content, and oxidative stress.

A stress-enhanced model for discovery of disease-modifying gene: Ece1-suppresses the toxicity of α -synuclein A30P.

PCB126 Inhibits the Activation of AMPK-CREB Signal Transduction Required for Energy Sensing in Liver.

Continuous Infusion of Phenyelzine, Cyclosporine A, or Their Combination: Evaluation of Mitochondrial Bioenergetics, Oxidative Damage, and Cytoskeletal Degradation following Severe Controlled Cortical Impact Traumatic Brain Injury in Rats.

Ecotoxicological potential of the biocides terbutryn, octhilinone and methylisothiazolinone: Underestimated risk from biocidal pathways?

Species-specific bioaccumulation and correlated health risk of arsenic compounds in freshwater fish from a typical mine-impacted river.

Elevated Nrf-2 responses are insufficient to mitigate protein carbonylation in hepatospecific PTEN deletion mice.

Overview of air pollution and endocrine disorders.

Characterization and risk assessment of seasonal and weather dynamics in organic pollutant mixtures from discharge of a separate sewer system.

Convergent Loss of ABC Transporter Genes From *Clostridioides difficile* Genomes Is Associated With Impaired Tyrosine Uptake and p-Cresol Production.

Effects of biochar on the fate and toxicity of herbicide fenoxaprop-ethyl in soil.

Anterograde Amnesia after Acute Glufosinate Ammonium Intoxication.

Berberine protects the liver and kidney against functional disorders and histological damages induced by ferrous sulfate.

Electrochemical simulation of triclosan metabolism and toxicological evaluation.

Shielding effect of anethole against arsenic induced genotoxicity in cultured human peripheral blood lymphocytes and effect of GSTO1 polymorphism.

Reproductive success and contaminant associations in tree swallows (*Tachycineta bicolor*) used to assess a Beneficial Use Impairment in U.S. and Binational Great Lakes' Areas of Concern.

Suppression of the IgM Response by Aryl Hydrocarbon Receptor Activation in Human Primary B Cells Involves Impairment of Immunoglobulin Secretory Processes.

sEcad and EGF Levels Increased in Urine of Non-ferrous Metal Workers and Medium of Uroepithelial Cell Line Treated by Arsenic.

Lower tier toxicity risk assessment of agriculture pesticides detected on the Río Madre de Dios watershed, Costa Rica.

Palmitic acid induces neurotoxicity and gliotoxicity in SH-SY5Y human neuroblastoma and T98G human glioblastoma cells.

Dietary cyanogen exposure and early child neurodevelopment: An observational study from the Democratic Republic of Congo.

Environmental Toxin Screening Using Human-Derived 3D Bioengineered Liver and Cardiac Organoids.

Low Oxidative Stress-Mediated Proliferation Via JNK-FOXO3a-Catalase Signaling in Transplanted Adult Stem Cells Promotes Wound Tissue Regeneration.

Clostridium Bacteria and Autism Spectrum Conditions: A Systematic Review and Hypothetical Contribution of Environmental Glyphosate Levels.

A New Treatment Approach for Acute Paraquat Poisoning.

Linking mode of action of the model respiratory and photosynthesis uncoupler 3,5-dichlorophenol to adverse outcomes in *Lemna minor*.

Prenatal exposure to glycol ethers and sex steroid hormones at birth.

Potential impurities in drug substances: Compound-specific toxicology limits for 20 synthetic reagents and by-products, and a class-specific toxicology limit for alkyl bromides.

Cellular and Molecular Effects of Prolonged Low-Level Sodium Arsenite Exposure on Human Hepatic HepaRG Cells.

Neuromodulatory Burst Therapy for Agent Orange-Induced Peripheral Neuropathy: A Case Report.

Identification of novel Nrf2 activators from *Cinnamomum chartophyllum* H.W. Li and their potential application of preventing oxidative insults in human lung epithelial cells.

Protocol to assess the impact of tobacco-induced volatile organic compounds on cardiovascular risk in a cross-sectional cohort: Cardiovascular Injury due to Tobacco Use study.

Enzyme polymorphism, oxygen and injury: a lipidomic analysis of flight-induced oxidative damage in a succinate dehydrogenase d (Sdh-d)-polymorphic insect.

Transplantation of endothelial progenitor cells attenuated paraquat-induced acute lung injury via miR-141-3p-Notch-Nrf2 axis.

Identification of potential serum biomarkers of acute paraquat poisoning in humans using an iTRAQ quantitative proteomic.

Evaluation of allyl isothiocyanate as a soil fumigant against soil-borne diseases in commercial tomato (*Lycopersicon esculentum* Mill.) production in China.

ER-stress mobilization of death-associated protein kinase-1-dependent xenophagy counteracts mitochondria stress-induced epithelial barrier dysfunction.

AHR2 required for normal behavioral responses and proper development of the skeletal and reproductive systems in zebrafish.

Differential microRNA expression in the prefrontal cortex of mouse offspring induced by glyphosate exposure during pregnancy and lactation.

Hypoxia-inducible factor-1 α regulates epithelial-to-mesenchymal transition in paraquat-induced pulmonary fibrosis by activating lysyl oxidase.

Acetobacter indonesiensis Pneumonia after Lung Transplantation.

Effect of activated charcoal hemoperfusion on renal function in patients with paraquat poisoning.

Green synthesis of NiO nanoparticles using *Aegle marmelos* leaf extract for the evaluation of in-vitro cytotoxicity, antibacterial and photocatalytic properties.

Bisphenol A is an exogenous toxin that promotes mitochondrial injury and death in tubular cells.

The ecotoxicity of binary mixtures of Imazamox and ionized ammonia on freshwater copepods: Implications for environmental risk assessment in groundwater bodies.

Arsenic Induces Members of the mmu-miR-466-669 Cluster Which Reduces NeuroD1 Expression.

Phenotypic responses in *Caenorhabditis elegans* following chronic low-level exposures to inorganic and organic compounds.

Association of textile industry effluent with mutagenicity and its toxic health implications upon acute and sub-chronic exposure.

Phenyl sulfate, indoxyl sulfate and p-cresyl sulfate decrease glutathione level to render cells vulnerable to oxidative stress in renal tubular cells.

Catalase down-regulation in cancer cells exposed to arsenic trioxide is involved in their increased sensitivity to a pro-oxidant treatment.

Dysregulation of Intestinal Health by Environmental Pollutants: Involvement of the Estrogen Receptor and Aryl Hydrocarbon Receptor.

Screening of Pesticide and Biocide Patterns As Risk Drivers in Sediments of Major European River Mouths: Ubiquitous or River Basin-Specific Contamination?

Effects of sulfur-fumigation on the pharmacokinetics, metabolites and analgesic activity of Radix Paeoniae Alba.

The consequence of NAC on sodium arsenite-induced uterine oxidative stress.

Ectopic expression of S28A-mutated Histone H3 modulates longevity, stress resistance and cardiac function in *Drosophila*.

The rolB plant oncogene affects multiple signaling protein modules related to hormone signaling and plant defense.

Persistence behavior of metamifop and its metabolite in rice ecosystem.

Dioxin Exposure in the Manufacture of Pesticide Production as a Risk Factor for Death from Prostate Cancer: A Meta-analysis.

Correction to: Paraquat-Induced Movement Disorder in Relation to Oxidative Stress-Mediated Neurodegeneration in the Brain of *Drosophila melanogaster*.

Dysregulation of antioxidant responses in patients diagnosed with concomitant Primary Sclerosing Cholangitis/Inflammatory Bowel Disease.

Differential exposure and acute health impacts of inhaled solid-fuel emissions from rudimentary and advanced cookstoves in female CD-1 mice.

Complex mixtures of dissolved pesticides show potential aquatic toxicity in a synoptic study of Midwestern U.S. streams.

The Contribution of Superoxide Radical to Cadmium Toxicity in *E. coli*.

Aryl hydrocarbon receptor signaling modulates antiviral immune responses: ligand metabolism rather than chemical source is the stronger predictor of outcome.

Alternative use of *Bacillus subtilis* spores: protection against environmental oxidative stress in human normal keratinocytes.

Compensation for chronic oxidative stress in ALADIN null mice.

Point-of-care testing in the early diagnosis of acute pesticide intoxication: The example of paraquat.

The levels of peroxisomal catalase protein and activity modulate the onset of cell death in tobacco BY-2 cells via reactive oxygen species levels and autophagy.

[Effect of anthropo-technogenic load on medico-social aspects of primary morbidity and disability of population.].

Computational Analysis of Deposition and Translocation of Inhaled Nicotine and Acrolein in the Human Body with E-cigarette Puffing Topographies.

A Review on the Expression and Metabolic Features of Orphan Human Cytochrome P450 2S1 (CYP2S1).

Arsenite exposure potentiates apoptosis-inducing effects of tumor necrosis factor- α - through reactive oxygen species.

Dioxin-like compounds bioavailability and genotoxicity assessment in the Gulf of Follonica, Tuscany (Northern Tyrrhenian Sea).

Impacts of glyphosate-based herbicides on disease resistance and health of crops: a review.

Improving risk stratification among veterans diagnosed with prostate cancer: impact of the 17-gene prostate score assay.

Antifouling processes and toxicity effects of antifouling paints on marine environment. A review.

Metabolism and disposition of arsenic species from controlled oral dosing with sodium arsenite in adult female CD-1 mice. I. Pilot study to determine dosing, analytical measurements, and sampling strategies.

Combined toxicity of triclosan, 2,4-dichlorophenol and 2,4,6-trichlorophenol to zebrafish (*Danio rerio*).

Division Plane Orientation Defects Revealed by a Synthetic Double Mutant Phenotype.

Seasonal implications on toxicity biomarkers of *Loricariichthys anus* (Valenciennes, 1835) from a subtropical reservoir.

Histodifferentiation of oil palm somatic embryo development at low auxin concentration.

Intermittent Hypoxia and Unsaturated Aldehydes: Effects on Oral Epithelial Wound Healing.

Comparison of in vivo toxicity, antioxidant and immunomodulatory activities of coconut, niphah and pineapple juice vinegars.

Environmentally relevant concentrations of herbicides impact non-target species at multiple sublethal endpoints.

[The roles of TSP-1 and its receptor CD47 in pathogenesis of paraquat-induced pulmonary fibrosis in rats].

Early Metabolome Profiling and Prognostic Value in Paraquat-Poisoned Patients: Based on Ultraperformance Liquid Chromatography Coupled To Quadrupole Time-of-Flight Mass Spectrometry.

A case of herbicide-induced acute fibrinous and organizing pneumonia?

Imbalance of Th17/Treg in the Pathogenesis of Mice with Paraquat-induced Acute Lung Injury.

Cytogenetic damage in peripheral blood lymphocytes of children exposed to pesticides in agricultural areas of the department of Cordoba, Colombia.

Urine Methyl Hippuric Acid Levels in Acute Pesticide Poisoning: Estimation of Ingested Xylene Volume and Association with Clinical Outcome Parameters.

Effects of glyphosate-based herbicides on survival, development and growth of invasive snail (*Pomacea canaliculata*).

The aryloxyalkanoate dioxygenase-12 (AAD-12) protein is not acutely toxic in mice.

Propolis supplementation attenuates the negative effects of oxidative stress induced by paraquat injection on productive performance and immune function in turkey poults.

Oral Exposure to Paraquat Triggers Earlier Expression of Phosphorylated α -Synuclein in the Enteric Nervous System of A53T Mutant Human α -Synuclein Transgenic Mice.

Glyphosate and Roundup(®) alter morphology and behavior in zebrafish.

Effects of glyphosate-based herbicide on pintado da Amazônia: Hematology, histological aspects, metabolic parameters and genotoxic potential.

Tissue metabolic changes for effects of pirfenidone in rats of acute paraquat poisoning by GC-MS.

RNA sequencing indicates that atrazine induces multiple detoxification genes in *Daphnia magna* and this is a potential source of its mixture interactions with other chemicals.

Exposures to arsenite and methylarsonite produce insulin resistance and impair insulin-dependent glycogen metabolism in hepatocytes.

Acrolein Disrupts Tight Junction Proteins and Causes Endoplasmic Reticulum Stress-Mediated Epithelial Cell Death Leading to Intestinal Barrier Dysfunction and Permeability.

Alda-1 Protects Against Acrolein-Induced Acute Lung Injury and Endothelial Barrier Dysfunction.

Intracellular Ca^{2+} is an essential factor for cell damage induced by unsaturated carbonyl compounds.

A positive feedback loop promotes HIF-1 α stability through miR-210-mediated suppression of RUNX3 in paraquat-induced EMT.

The rise of glyphosate and new opportunities for biosentinel early-warning studies.

In vitro assessment of skin sensitization, photosensitization and phototoxicity potential of commercial glyphosate-containing formulations.

Effectiveness of heparin eye drops in paraquat-induced ocular injury.

Effect of resveratrol and tetracycline on the subacute paraquat toxicity in mice.

Acute toxicity of organic antifouling biocides to phytoplankton *Nitzschia pungens* and zooplankton *Artemia* larvae.

Mixture Toxicity of Bensulfuron-Methyl and Acetochlor to Red Swamp Crayfish (*Procambarus clarkii*): Behavioral, Morphological and Histological Effects.

Facts and Fallacies in the Debate on Glyphosate Toxicity.

[Mechanism of action for oligomeric proanthocyaniclins in paraquat-induced acute lung injury].

Variations in nutrient and trace element composition of rice in an organic rice-frog coculture system.

Dopaminergic Dysfunction in Mammalian Dopamine Neurons Induced by Simazine Neurotoxicity.

Effect of prohibiting the use of Paraquat on pesticide-associated mortality.

The hepatoprotective effects of aquatic extract of *Levisticum officinale* against paraquat hepatocyte toxicity.

Involvement of H₂O₂ in fluazifop-P-butyl-induced cell death in bristly starbur seedlings.

Recent advances in tenuazonic acid as a potential herbicide.

Interactions between salicylic acid and antioxidant enzymes tilting the balance of H₂O₂ from photorespiration in non-target crops under halosulfuron-methyl stress.

[Paraquat poisoning mechanism and its clinical treatment progress].

Behavioral impairments following repeated intranasal glyphosate-based herbicide administration in mice.

Phytoplankton growth and PSII efficiency sensitivity to a glyphosate-based herbicide (Factor 540®).

Induction of the PDH bypass and upregulation of the ALDH7B4 in plants treated with herbicides inhibiting amino acid biosynthesis.

Personal exposure and health risk assessment of carbonyls in family cars and public transports-a comparative study in Nanjing, China.

The dissipation and risk assessment of 2,4-D sodium, a preharvest anti-fruit-drop plant hormone in bayberries.

Paraquat exposure-induced Parkinson's disease-like symptoms and oxidative stress in *Drosophila melanogaster*: Neuroprotective effect of *Bougainvillea glabra* Choisy.

Exposure of frogs and tadpoles to chiral herbicide fenoxaprop-ethyl.

Paraquat-Induced Movement Disorder in Relation to Oxidative Stress-Mediated Neurodegeneration in the Brain of *Drosophila melanogaster*.

Auxin-like effects of the natural coumarin scopoletin on *Arabidopsis* cell structure and morphology.

Serine alleviates oxidative stress via supporting glutathione synthesis and methionine cycle in mice.

Effects of co-exposure to atrazine and ethanol on the oxidative damage of kidney and liver in Wistar rats.

Assessing neurodevelopmental effects of arsenolipids in pre-differentiated human neurons.

Epi/perineural and Schwann Cells as Well as Perineural Sheath Integrity are Affected Following 2,4-D Exposure.

Military service, deployments, and exposures in relation to amyotrophic lateral sclerosis survival.

Neonatal exposure to a glyphosate-based herbicide alters uterine decidualization in rats.

Occupational pesticide use and Parkinson's disease in the Parkinson Environment Gene (PEG) study.

Effects of sub-chronic exposure to terbuthylazine on DNA damage, oxidative stress and parent compound/metabolite levels in adult male rats.

Combined effects of temperature and clomazone (Gamit®) on oxidative stress responses and B-esterase activity of *Physalaemus nattereri* (Leiuperidae) and *Rhinella schneideri* (Bufonidae) tadpoles.

Effects of the herbicide glyphosate on non-target plant native species from Chaco forest (Argentina).

Integrated analysis of paraquat-induced microRNAs-mRNAs changes in human neural progenitor cells.

Genotoxicity of lipid oxidation compounds.

A study on the modulation of alpha-synuclein fibrillation by *Scutellaria pinnatifida* extracts and its neuroprotective properties.

Porous Se@SiO₂ nanospheres treated paraquat-induced acute lung injury by resisting oxidative stress.

[The effect of captopril and losartan on paraquat-induced pulmonary fibrosis and PIGF expression in the lungs of rats].

[Mono-carbonyl analogues of curcumin prevents paraquat-induced apoptosis in HK-2 cell line by inhibiting oxidative damage and inflammation].

Atrazine induced epigenetic transgenerational inheritance of disease, lean phenotype and sperm epimutation pathology biomarkers.

Wnt/ β -catenin signaling plays an essential role in β 7 nicotinic receptor-mediated neuroprotection of dopaminergic neurons in a mouse Parkinson's disease model.

Reproductive toxicity of Roundup herbicide exposure in male albino rat.

[Effects of small RNA interference targeting mammalian target of rapamycin on paraquat-induced pulmonary fibrosis in rats].

Primary hippocampal neuronal cell death induction after acute and repeated paraquat exposures mediated by AChE variants alteration and cholinergic and glutamatergic transmission disruption.

Simultaneous determination of bentazone and its metabolites in postmortem whole blood using liquid chromatography-tandem mass spectrometry.

The metabolic effects of diuron in the rat liver.

Copper-Based Aquatic Algaecide Adsorption and Accumulation Kinetics: Influence of Exposure Concentration and Duration for Controlling the Cyanobacterium *Lyngbya wollei*.

Insights into the differential toxicological and antioxidant effects of 4-phenylchalcogenil-7-chloroquinolines in *Caenorhabditis elegans*.

Assessment of the oxidative and neurotoxic effects of glyphosate pesticide on the larvae of *Rhamdia quelen* fish.

Cyclophosphamide and acrolein induced oxidative stress leading to deterioration of metaphase II mouse oocyte quality.

Gender-specific histopathological response in guppies *Poecilia reticulata* exposed to glyphosate or its metabolite aminomethylphosphonic acid.

Toxicity of two classes of arsenolipids and their water-soluble metabolites in human differentiated neurons.

Adult and child urinary 2,4-D in cities with and without cosmetic pesticide bylaws: a population-based cross-sectional pilot study.

Hypokalemia is a biochemical signal of poor prognosis for acute paraquat poisoning within 4 hours.

Exogenous Acrolein intensifies sensory hypersensitivity after spinal cord injury in rat.

Maternal linuron exposure alters testicular development in male offspring rats at the whole genome level.

Clinical screening of paraquat in plasma samples using capillary electrophoresis with contactless conductivity detection: Towards rapid diagnosis and therapeutic treatment of acute paraquat poisoning in Vietnam.

JWA antagonizes paraquat-induced neurotoxicity via activation of Nrf2.

Chronic effects of atrazine exposure and recovery in freshwater benthic diatoms from two communities with different pollution histories.

Toxicity evaluation of cypermethrin, glyphosate, and malathion, on two indigenous zooplanktonic species.

Efficacy of *Spirulina platensis* diet supplements on disease resistance and immune-related gene expression in *Cyprinus carpio* L. exposed to herbicide atrazine.

The toxic influence of paraquat on hippocampal neurogenesis in adult mice.

Respiratory Effects and Systemic Stress Response Following Acute Acrolein Inhalation in Rats.

Flavored e-cigarette liquids and cinnamaldehyde impair respiratory innate immune cell function.

Comparative toxic responses of male and female lizards (*Eremias argus*) exposed to (S)-metolachlor-contaminated soil.

Biomarkers of Chronic Acrolein Inhalation Exposure in Mice: Implications for Tobacco Product-Induced Toxicity.

JNK Inhibitor SP600125 Attenuates Paraquat-Induced Acute Lung Injury: an In Vivo and In Vitro Study.

In vivo cardiovascular toxicity induced by acetochlor in zebrafish larvae.

Paraquat induces extrinsic pathway of apoptosis in A549 cells by induction of DR5 and repression of anti-apoptotic proteins, DDX3 and GSK3 expression.

An approach to clarify the effect mechanism of glyphosate on body malformations during embryonic development of zebrafish (*Danio rerio*).

Diuron and diazinon alter the behavior of zebrafish embryos and larvae in the absence of acute toxicity.

Parental diuron-exposure alters offspring transcriptome and fitness in Pacific oyster *Crassostrea gigas*.

Occupational, dietary, and other risk factors for myelodysplastic syndromes in Western Greece.

Tanshinone I Induces Mitochondrial Protection through an Nrf2-Dependent Mechanism in Paraquat-Treated Human Neuroblastoma SH-SY5Y Cells.

Chronic Treatment with Paraquat Induces Brain Injury, Changes in Antioxidant Defenses System, and Modulates Behavioral Functions in Zebrafish.

Multitarget trehalose-carnosine conjugates inhibit $A\beta$ aggregation, tune copper(II) activity and decrease acrolein toxicity.

Paraquat Induces Peripheral Myelin Disruption and Locomotor Defects: Crosstalk with LXR and Wnt Pathways.

Developmental exposure to glyphosate-based herbicide and depressive-like behavior in adult offspring: Implication of glutamate excitotoxicity and oxidative stress.

Oxidative stress affects sperm performance and ejaculate redox status in subordinate house sparrows.

Effects of hemoperfusion and continuous renal replacement therapy on patient survival following paraquat poisoning.

Chronic exposure to a glyphosate-based herbicide makes toad larvae more toxic.

Crosstalk between Mitochondrial Fission and Oxidative Stress in Paraquat-Induced Apoptosis in Mouse Alveolar Type II Cells.

[Study of the effect of occupational exposure to glyphosate on hepatorenal function].

Agronomic performance of insect-protected and herbicide-tolerant MON 89034 – TC1507 – NK603 – DAS-40278-9 corn is equivalent to that of conventional corn.

The value of APACHE II in predicting mortality after paraquat poisoning in Chinese and Korean population: A systematic review and meta-analysis.

The health consequences of aerial spraying illicit crops: The case of Colombia.

Effects of maternal acrolein exposure during pregnancy on testicular testosterone production in fetal rats.

Metabolic profiling of goldfish (*Carassius auratus*) after long-term glyphosate-based herbicide exposure.

Experimental study of sucralfate intervention for paraquat poisoning in rats.

Assessment of bacterial biodegradation of herbicide atrazine using *Aliivibrio fischeri* cytotoxicity assay with prolonged contact time.

Influence of temperature on the antioxidant responses and lipid peroxidation of two species of tadpoles (*Rhinella schneideri* and *Physalaemus nattereri*) exposed to the herbicide sulfentrazone (Boral 500SC®).

Morphoanatomical and physiological changes in *Bauhinia variegata* L. as indicators of herbicide diuron action.

Improvement of cyanobacterial-killing biologically derived substances (BDSs) using an ecologically safe and cost-effective naphthoquinone derivative.

Acrolein Can Cause Cardiovascular Disease: A Review.

Ecotoxicological assessment of glyphosate-based herbicides: Effects on different organisms.

Glucose Metabolism and AMPK Signaling Regulate Dopaminergic Cell Death Induced by Gene (β -Synuclein)-Environment (Paraquat) Interactions.

Childhood pesticide poisoning in Zhejiang, China: a retrospective analysis from 2006 to 2015.

[Intervention of edaravone against renal injury induced by acute paraquat poisoning in rats].

Prolonged methylprednisolone therapy after the pulse treatment for patients with moderate-to-severe paraquat poisoning: A retrospective analysis.

Mechanisms of Gene-Environment Interactions in Parkinson's Disease.

Inhibition of c-Src protects paraquat induced microvascular endothelial injury by modulating caveolin-1 phosphorylation and caveolae mediated transcellular permeability.

Toll-like receptor 9 mediates paraquat-induced acute lung injury: an in vitro and in vivo study.

Serum S100 protein could predict altered consciousness in glyphosate or glufosinate poisoning patients.

Dimercaprol is an acrolein scavenger that mitigates acrolein-mediated PC-12 cells toxicity and reduces acrolein in rat following spinal cord injury.

Effects of Roundup formulations on biochemical biomarkers and male sperm quality of the livebearing *Jenynsia multidentata*.

Mfn2 protects dopaminergic neurons exposed to paraquat both in vitro and in vivo: Implications for idiopathic Parkinson's disease.

Evidence for direct effects of glyphosate on ovarian function: glyphosate influences steroidogenesis and proliferation of bovine granulosa but not theca cells in vitro.

Role of TRPA1 in acute cardiopulmonary toxicity of inhaled acrolein.

Exchange of polar lipids from adults to neonates in *Daphnia magna*: Perturbations in sphingomyelin allocation by dietary lipids and environmental toxicants.

Time-dependent haemoperfusion after acute paraquat poisoning.

[Changes of integrin-linked kinase expression on rats' pulmonary fibrosis induced by paraquat].

[The study of using salvianolate treat acute lung injury in rats induced by paraquat].

Paraquat and Parkinson's disease: a systematic review protocol according to the OHAT approach for hazard identification.

A novel zebrafish-based model of nociception.

Endocrine and physiological effects of linuron and S-metolachlor in zebrafish developing embryos.

Continuous venovenous hemofiltration in the management of paraquat poisoning: A meta-analysis of randomized controlled trials.

Molecular mechanisms of anti-oxidant and anti-aging effects induced by convallatoxin in *Caenorhabditis elegans*.

Isoxadifen safening mechanism in sweet corn genotypes with differential response to P450-metabolized herbicides.

Isolation and characterization of two glutathione S-transferases from freshwater bivalve *Anodonta woodiana*: Chronic effects of pentachlorophenol on gene expression profiles.

Minocycline protects, rescues and prevents knockdown transgenic parkin *Drosophila* against paraquat/iron toxicity: Implications for autosomic recessive juvenile parkinsonism.

Effects of three triazine metabolites and their mixture at environmentally relevant concentrations on early life stages of marbled crayfish (*Procambarus fallax f. virginalis*).

Dendritic cells' death induced by contact sensitizers is controlled by Nrf2 and depends on glutathione levels.

Sodium chlorate, a major water disinfection byproduct, alters brush border membrane enzymes, carbohydrate metabolism and impairs antioxidant system of Wistar rat intestine.

Effects of airborne toxicants on pulmonary function and mitochondrial DNA damage in rodent lungs.

Assessing genotoxicity of diuron on *Drosophila melanogaster* by the wing-spot test and the wing imaginal disk comet assay.

Effectiveness of the sequential organ failure assessment, acute physiology and chronic health evaluation II, and simplified acute physiology score II prognostic scoring systems in paraquat-poisoned patients in the intensive care unit.

Fluazifop- p-butyl, an aryloxyphenoxypropionate herbicide, diminishes renal and hepatic functions and triggers testicular oxidative stress in orally exposed rats.

Paraquat poisoning: Acute lung injury - a missed diagnosis.

[The study of using cordyceps-astragalus-salvia miltiorrhiza to treat acute lung injury induced by paraquat poisoning in rats].

Paraquat poisoning induced pulmonary epithelial mesenchymal transition through Notch1 pathway.

Sub-lethal effects of a glyphosate-based commercial formulation and adjuvants on juvenile oysters (*Crassostrea gigas*) exposed for 35 days.

Acrolein acts as a neurotoxin in the nigrostriatal dopaminergic system of rat: involvement of α -synuclein aggregation and programmed cell death.

Long-term trends in the intensity and relative toxicity of herbicide use.

Improving enzymatic activities and thermostability of a tri-functional enzyme with SOD, catalase and cell-permeable activities.

HMGB1-TLR4-IL23-IL17A axis promotes paraquat-induced acute lung injury by mediating neutrophil infiltration in mice.

Nephrotoxicity-induced proteinuria increases biomarker diagnostic thresholds in acute kidney injury.

A study of the age-related effects of lactational atrazine exposure.

Joint Toxicity of Arsenic, Copper and Glyphosate on Behavior, Reproduction and Heat Shock Protein Response in *Caenorhabditis elegans*.

Paraquat and maneb co-exposure induces noradrenergic locus coeruleus neurodegeneration through NADPH oxidase-mediated microglial activation.

Effects of melatonin in rats in the initial third stage of pregnancy exposed to sub-lethal doses of herbicides.

Treating Prey With Glyphosate Does Not Alter the Demographic Parameters and Predation of the *Harmonia axyridis* (Coleoptera: Coccinellidae).

Atrazine exposure elicits copy number alterations in the zebrafish genome.

Biological responses to phenylurea herbicides in fish and amphibians: New directions for characterizing mechanisms of toxicity.

Metastasis suppressor NM23 limits oxidative stress in mammals by preventing activation of stress-activated protein kinases/JNKs through its nucleoside diphosphate kinase activity.

Acrolein increases macrophage atherogenicity in association with gut microbiota remodeling in atherosclerotic mice: protective role for the polyphenol-rich pomegranate juice.

Exposures to the environmental toxicants pentachlorophenol (PCP) and dichlorodiphenyltrichloroethane (DDT) modify secretion of interleukin 1-beta (IL-1 β) from human immune cells.

Pesticides are Associated with Allergic and Non-Allergic Wheeze among Male Farmers.

Acrolein Inhalation Alters Myocardial Synchrony and Performance at and Below Exposure Concentrations that Cause Ventilatory Responses.

Complex interactive effects of water mold, herbicide, and the fungus *Batrachochytrium dendrobatidis* on Pacific treefrog *Hyla regilla* hosts.

MyD88 gene knockout attenuates paraquat-induced acute lung injury.

Ablation of Akt2 prevents paraquat-induced myocardial mitochondrial injury and contractile dysfunction: Role of Nrf2.

The chronic effects of terbutylazine-2-hydroxy on early life stages of marbled crayfish (*Procambarus fallax f. virginalis*).

Toxicity effects of an environmental realistic herbicide mixture on the seagrass *Zostera noltei*.

Effects of decreased dopamine transporter levels on nigrostriatal neurons and paraquat/maneb toxicity in mice.

Performance of a novel atrazine-induced cerebellar toxicity in quail (*Coturnix C. coturnix*): Activating PXR/CAR pathway responses and disrupting cytochrome P450 homeostasis.

Atrazine triggers hepatic oxidative stress and apoptosis in quails (*Coturnix C. coturnix*) via blocking Nrf2-mediated defense response.

Phycoerythrin averts intracellular ROS generation and physiological functional decline in eukaryotes under oxidative stress.

Ustiloxin G, a New Cyclopeptide Mycotoxin from Rice False Smut Balls.

Overlooking relevant confounders in the assessment of pesticides and human health: a reply to Mostafalou and Abdollahi.

Prepubertal subchronic exposure to soy milk and glyphosate leads to endocrine disruption.

Epigallocatechin-3-gallate alleviates paraquat-induced acute lung injury and inhibits upregulation of toll-like receptors.

A glyphosate-based herbicide induces histomorphological and protein expression changes in the liver of the female guppy *Poecilia reticulata*.

Effects of the herbicide surfactant MON 0818 on oviposition and viability of eggs of the ramshorn snail (*Planorbella pilsbryi*).

Toll-like receptor 4 ablation rescues against paraquat-triggered myocardial dysfunction: Role of ER stress and apoptosis.

Aquatic hazard assessment of MON 0818, a commercial mixture of alkylamine ethoxylates commonly used in glyphosate-containing herbicide formulations. Part 1: Species sensitivity distribution from laboratory acute exposures.

Aquatic hazard assessment of MON 0818, a commercial mixture of alkylamine ethoxylates commonly used in glyphosate-containing herbicide formulations. Part 2: Roles of sediment, temperature, and capacity for recovery following a pulsed exposure.

Neonatal exposure to a glyphosate based herbicide alters the development of the rat uterus.

Protective effects of activated signaling pathways by insulin on C6 glial cell model of MPP(+)-induced Parkinson's disease.

The protective effects of *Cichorium glandulosum* seed and cynarin against cyclophosphamide and its metabolite acrolein-induced hepatotoxicity in vivo and in vitro.

[Value of base excess in predicting the prognosis of patients with paraquat poisoning].

Toxicity of Plant Secondary Metabolites Modulating Detoxification Genes Expression for Natural Red Palm Weevil Pesticide Development.

Acrolein and Human Disease: Untangling the Knotty Exposure Scenarios Accompanying Several Diverse Disorders.

Reproductive toxicity of linuron following gestational exposure in rats and underlying mechanisms.

Acrolein scavengers, cysteamine and N-benzylhydroxylamine, reduces the mouse liver damage after acetaminophen overdose.

Multiomics reveal non-alcoholic fatty liver disease in rats following chronic exposure to an ultra-low dose of Roundup herbicide.

Effects of oxytetracycline on the performance and activity of biomixtures: Removal of herbicides and mineralization of chlorpyrifos.

Idh2 Deficiency Exacerbates Acrolein-Induced Lung Injury through Mitochondrial Redox Environment Deterioration.

Resveratrol and Montelukast Alleviate Paraquat-Induced Hepatic Injury in Mice: Modulation of Oxidative Stress, Inflammation, and Apoptosis.

Investigation Paraquat Poisoning in Southwest of Iran - from Sign to Mortality and Morbidity.

Protective action of Omega-3 on paraquat intoxication in *Drosophila melanogaster*.

Vasculitic Neuropathy Following Exposure to a Glyphosate-based Herbicide.

Liver X Receptor Agonist TO901317 Attenuates Paraquat-Induced Acute Lung Injury through Inhibition of NF- κ B and JNK/p38 MAPK Signal Pathways.

[Unexplored Chemical Reactions of Endogenous Acrolein: Detection, Toxicity, and Biological Roles].

Protective Effect of Ellagic Acid on Paraquat-induced Kidney Hazards in Rats.

Tualang Honey Protects the Rat Midbrain and Lung against Repeated Paraquat Exposure.

A longitudinal study of atrazine and 2,4-D exposure and oxidative stress markers among iowa corn farmers.

Biomarker analysis of American toad (*Anaxyrus americanus*) and grey tree frog (*Hyla versicolor*) tadpoles following exposure to atrazine.

Evaluation of 8-hydroxy-2-deoxyguanosine and NF κ B activation, oxidative stress response, acetylcholinesterase activity, and histopathological changes in rainbow trout brain exposed to linuron.

Effect of the herbicide atrazine and its metabolite DACT on bovine sperm quality.

Do estrogenic compounds in drinking water migrating from plastic pipe distribution system pose adverse effects to human? An analysis of scientific literature.

Comparing the acute sensitivity of growth and photosynthetic endpoints in three Lemna species exposed to four herbicides.

Curcumin attenuates paraquat-induced cell death in human neuroblastoma cells through modulating oxidative stress and autophagy.

Effects of a commonly used glyphosate-based herbicide formulation on early developmental stages of two anuran species.

Effects of oral administration of 2,4-dichlorophenoxyacetic acid (2,4-D) on reproductive parameters in male Wistar rats.

Effects of glyphosate acid and the glyphosate-commercial formulation (Roundup) on *Dimorphandra wilsonii* seed germination: Interference of seed respiratory metabolism.

An Effective Machine Learning Approach for Prognosis of Paraquat Poisoning Patients Using Blood Routine Indexes.

Short-term phytotoxicity in *Brassica napus* (L.) in response to pre-emergently applied metazachlor: A microcosm study.

Population and life-stage-specific effects of two herbicide formulations on the aquatic development of European common frogs (*Rana temporaria*).

Enantioselective Phytotoxicity and the Relative Mechanism of Current Chiral Herbicides.

Aldo-keto reductase 1B10 protects human colon cells from DNA damage induced by electrophilic carbonyl compounds.

Photocrosslinker technology: An antimicrobial efficacy of cinnamaldehyde cross-linked low-density polyethylene (Cin-C-LDPE) as a novel food wrapper.

Cinnamaldehyde induces fat cell-autonomous thermogenesis and metabolic reprogramming.

Soluble Vascular Adhesion Protein-1 Mediates Spermine Oxidation as Semicarbazide-Sensitive Amine Oxidase: Possible Role in Proliferative Diabetic Retinopathy.

A Nigro-Vagal Pathway Controls Gastric Motility and Is Affected in a Rat Model of Parkinsonism.

Novel tetrazole and cyanamide derivatives as inhibitors of cyclooxygenase-2 enzyme: design, synthesis, anti-inflammatory evaluation, ulcerogenic liability and docking study.

[Protective effect of thalidomide on ALI induced by paraquat poisoning in rats and its mechanism].

Effects of herbal extracts and compounds and pharmacological agents on pulmonary fibrosis in animal models: a review.

An investigation of the health effects caused by exposure to arsenic from drinking water and coal combustion: arsenic exposure and metabolism.

Inhibition of NLRP3 inflammasome: a new protective mechanism of cinnamaldehyde in endotoxin poisoning of mice.

Interleukin-17A Plays the Same Role on Mice Acute Lung Injury Respectively Induced by Lipopolysaccharide and Paraquat.

Pinocembrin Provides Mitochondrial Protection by the Activation of the Erk1/2-Nrf2 Signaling Pathway in SH-SY5Y Neuroblastoma Cells Exposed to Paraquat.

Supplementation of Spirulina (*Arthrospira platensis*) Improves Lifespan and Locomotor Activity in Paraquat-Sensitive DJ-1^{-/-} Flies, a Parkinson's Disease Model in *Drosophila melanogaster*.

Individual Amino Acid Supplementation Can Improve Energy Metabolism and Decrease ROS Production in Neuronal Cells Overexpressing Alpha-Synuclein.

Cinnamon reduces inflammatory response in intestinal fibroblasts in vitro and in colitis in vivo leading to decreased fibrosis.

Carbenoxolone inhibits TRPV4 channel-initiated oxidative urothelial injury and ameliorates cyclophosphamide-induced bladder dysfunction.

The protective effect of cinnamaldehyde on lipopolysaccharide induced acute lung injury in mice.

Targeted proteome analysis with isotope-coded protein labels for monitoring the influence of dietary phytochemicals on the expression of cytoprotective proteins in primary human colon cells.

Fusarium infection causes genotoxic disorders and antioxidant-based damages in *Orobancha* spp.

Cinnamaldehyde in diabetes: A review of pharmacology, pharmacokinetics and safety.

Clathrin-Dependent Uptake of Paraquat into SH-SY5Y Cells and Its Internalization into Different Subcellular Compartments.

Dietary cinnamaldehyde enhances acquisition of specific antibodies following helminth infection in pigs.

The relationships between arsenic methylation and both skin lesions and hypertension caused by chronic exposure to arsenic in drinking water.

Activation of MMP-9 activity by acrolein in saliva from patients with primary Sjögren's syndrome and its mechanism.

Contact sensitizers trigger human CD1-autoreactive T-cell responses.

Sodium chlorate induces DNA damage and DNA-protein cross-linking in rat intestine: A dose dependent study.

NLRP3 inflammasome activation regulated by NF- κ B and DAPK contributed to paraquat-induced acute kidney injury.

4-Hydroxyphenylpyruvate Dioxygenase and Its Inhibition in Plants and Animals: Small Molecules as Herbicides and Agents for the Treatment of Human Inherited Diseases.

Cromolyn Sodium Attenuates Paraquat-Induced Lung Injury by Modulation of Proinflammatory Cytokines.

Chloroquine attenuates paraquat-induced lung injury in mice by altering inflammation, oxidative stress and fibrosis.

Curcumin Rescues a PINK1 Knock Down SH-SY5Y Cellular Model of Parkinson's Disease from Mitochondrial Dysfunction and Cell Death.

Mild MPP(+) exposure-induced glucose starvation enhances autophagosome synthesis and impairs its degradation.

A screen for protective drugs against delayed hypoxic injury.

Computational study involving identification of endocrine disrupting potential of herbicides: Its implication in TDS and cancer progression in CRPC patients.

Phenelzine Protects Brain Mitochondrial Function In Vitro and In Vivo following Traumatic Brain Injury by Scavenging the Reactive Carbonyls 4-Hydroxynonenal and Acrolein Leading to Cortical Histological Neuroprotection.

In vitro antioxidant activities of resveratrol, cinnamaldehyde and their synergistic effect against cyadox-induced cytotoxicity in rabbit erythrocytes.

Janus-faced Acrolein prevents allergy but accelerates tumor growth by promoting immunoregulatory Foxp3+ cells: Mouse model for passive respiratory exposure.

Cinnamaldehyde induces apoptosis and reverses epithelial-mesenchymal transition through inhibition of Wnt/ β -catenin pathway in non-small cell lung cancer.

Oral supplementation of trans-cinnamaldehyde reduces uropathogenic Escherichia coli colonization in a mouse model.

Mucuna pruriens reduces inducible nitric oxide synthase expression in Parkinsonian mice model.

Diquat-induced cellular pyridine nucleotide redox changes and alteration of metabolic enzyme activities in colonic carcinoma cells.

Knockdown transgenic Lrrk Drosophila resists paraquat-induced locomotor impairment and neurodegeneration: A therapeutic strategy for Parkinson's disease.

Protecting cells by protecting their vulnerable lysosomes: Identification of a new mechanism for preserving lysosomal functional integrity upon oxidative stress.

(-)- α -Bisabolol reduces orofacial nociceptive behavior in rodents.

Local upregulation of transient receptor potential ankyrin 1 and transient receptor potential vanilloid 1 ion channels in rectosigmoid deep infiltrating endometriosis.

Glyphosate and Paraquat in Maternal and Fetal Serums in Thai Women.

Antifungal Activity of Ramulus cinnamomi Explored by ^1H -NMR Based Metabolomics Approach.

A CRISPR screen identifies a pathway required for paraquat-induced cell death.

Metabolomic analysis of oxidative stress: Superoxide dismutase mutation and paraquat induced stress in Drosophila melanogaster.

Phytotoxic activity against *Bromus tectorum* for secondary metabolites of a seed-pathogenic *Fusarium* strain belonging to the *F. tricinctum* species complex.

Chloroplast-associated metabolic functions influence the susceptibility of maize to *Ustilago maydis*.

Protective effect of cinnamaldehyde against glutamate-induced oxidative stress and apoptosis in PC12 cells.

[Curative effect of paraquat detoxification recipe combined with continuous hemoperfusion in the treatment of patients with APP and clinical value of Presepsin].

[Protective effect of 5-aminosalicylic acid on the kidney of paraquat poisoning rats by Nrf2-ARE signal pathway].

Different Routes for Conifer- and Sinapaldehyde and Higher Saccharification upon Deficiency in the Dehydrogenase CAD1.

Analysis of sugarcane herbicides in marine turtle nesting areas and assessment of risk using *in vitro* toxicity assays.

Combination of quercetin, cinnamaldehyde and hirudin protects rat dorsal root ganglion neurons against high glucose-induced injury through Nrf-2/HO-1 activation and NF- κ B inhibition.

Identification and Biological Evaluation of Secondary Metabolites from Marine Derived Fungi-*Aspergillus* sp. SCSLOW3, Cultivated in the Presence of Epigenetic Modifying Agents.

ROS Induces Anthocyanin Production Via Late Biosynthetic Genes and Anthocyanin Deficiency Confers the Hypersensitivity to ROS-Generating Stresses in *Arabidopsis*.

Biokinetic Analysis and Metabolic Fate of 2,4-D in 2,4-D-Resistant Soybean (*Glycine max*).

Oilseed rape NAC56 transcription factor modulates reactive oxygen species accumulation and hypersensitive response-like cell death.

A drastic superoxide-dependent oxidative stress is prerequisite for the down-regulation of IRP1: Insights from studies on SOD1-deficient mice and macrophages treated with paraquat.

ROS regulation of axonal mitochondrial transport is mediated by Ca²⁺ and JNK in *Drosophila*.

Risk factors associated with white spot syndrome virus outbreaks in marine shrimp farms in Rayong Province, Thailand.

Changes in the mitochondrial protein profile due to ROS eruption during ageing of elm (*Ulmus pumila* L.) seeds.

Morus alba leaf extract mediates neuroprotection against glyphosate-induced toxicity and biochemical alterations in the brain.

Autophagy deficient keratinocytes display increased DNA damage, senescence and aberrant lipid composition after oxidative stress *in vitro* and *in vivo*.

Urinary Concentrations of Insecticide and Herbicide Metabolites among Pregnant Women in Rural Ghana: A Pilot Study.

Cell cycle arrest and biochemical changes accompanying cell death in harmful dinoflagellates following exposure to bacterial algicide IRI-160AA.

siRNA-based Analysis of the Abrogation of the Protective Function of Membrane-associated Catalase of Tumor Cells.

Neurodevelopmental disorders and pesticide exposure: the northeastern Italian experience.

The Mitochondrial Lon Protease Is Required for Age-Specific and Sex-Specific Adaptation to Oxidative Stress.

Isoflavones Induce BEX2-Dependent Autophagy to Prevent ATR-Induced Neurotoxicity in SH-SY5Y Cells.

The Evaluation of Antioxidant and Anti-Inflammatory Effects of *Eucommia ulmoides* Flavones Using Diquat-Challenged Piglet Models.

Behavioral effects and neuroanatomical targets of acute atrazine exposure in the male Sprague-Dawley rat.

2-Methoxycinnamaldehyde inhibits the TNF- α -induced proliferation and migration of human aortic smooth muscle cells.

The Cystic Fibrosis Transmembrane Conductance Regulator Potentiator Ivacaftor Augments Mucociliary Clearance Abrogating Cystic Fibrosis Transmembrane Conductance Regulator Inhibition by Cigarette Smoke.

A serine/threonine phosphatase 1 of *Streptococcus suis* type 2 is an important virulence factor.

Impact of the Oral Adsorbent AST-120 on Organ-Specific Accumulation of Uremic Toxins: LC-MS/MS and MS Imaging Techniques.

Effects of Nrf2 deficiency on arsenic metabolism in mice.

Diverse pathways of epithelial mesenchymal transition related with cancer progression and metastasis and potential effects of endocrine disrupting chemicals on epithelial mesenchymal transition process.

Environmental estrogen-like endocrine disrupting chemicals and breast cancer.

[Comparative study of pain releasing effect of two approaches to acute pulpitis in the night emergency].

Tooth development disorders in infants of rat dams exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin and protective role of tocopherol and acetylsalicylic acid.

Chloracne in a Farming Family.

Association of 2,4-dichlorophenol urinary concentrations and olfactory dysfunction in a national sample of middle-aged and older U.S. adults.

p-cresol sulfate and indoxyl sulfate: some clouds are gathering in the uremic toxin sky.

Systematic Assessment of Research on Autism Spectrum Disorder (ASD) and Mercury Reveals Conflicts of Interest and the Need for Transparency in Autism Research.

Pathogenesis of deep endometriosis.

Expression of aryl hydrocarbon receptor, inflammatory cytokines, and incidence of rheumatoid arthritis in Vietnamese dioxin-exposed people.

Investigation on effect of basalin coated silver nanoparticles as antioxidant for alleviating peripheral neuropathy in mice treated with oxaliplatin.

Lactoferrin or ferrous salts for iron deficiency anemia in pregnancy: A meta-analysis of randomized trials.

Experimental oral iron administration: Histological investigations and expressions of iron handling proteins in rat retina with aging.

p-Cresyl glucuronide is a major metabolite of p-cresol in mouse: in contrast to p-cresyl sulphate, p-cresyl glucuronide fails to promote insulin resistance.

Persistent Endocrine-Disrupting Chemicals and Fatty Liver Disease.

The Effects of an Environmentally Relevant Level of Arsenic on the Gut Microbiome and Its Functional Metagenome.

Editor's Highlight: PCB126 Exposure Increases Risk for Peripheral Vascular Diseases in a Liver Injury Mouse Model.

Neuropsychological effects of occupational exposure to polychlorinated biphenyls.

Elucidation of protective efficacy of Pentahydroxy flavone isolated from *Madhuca indica* against arsenite-induced cardiomyopathy: Role of Nrf-2, PPAR- γ , c-fos and c-jun.

Genetic susceptibility to breast cancer risk associated with inorganic arsenic exposure.

Case-control study of chronic low-level exposure of inorganic arsenic species and non-melanoma skin cancer.

Maternal Resveratrol Treatment Reduces the Risk of Mammary Carcinogenesis in Female Offspring Prenatally Exposed to 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Results of the HEMO Study suggest that p-cresol sulfate and indoxyl sulfate are not associated with cardiovascular outcomes.

Quillaja saponaria bark saponin protects Wistar rats against ferrous sulphate-induced oxidative and inflammatory liver damage.

Aqueous extract of *Securidaca longipendunculata* Oliv. and *Olex subscropioidea* inhibits key enzymes (acetylcholinesterase and butyrylcholinesterase) linked with Alzheimer's disease in vitro.

Mitochondrial Uncoupling Attenuates Age-Dependent Neurodegeneration in *C. elegans*.

Effects of Commonly Used Pesticides in China on the Mitochondria and Ubiquitin-Proteasome System in Parkinson's Disease.

Point-of-use fortification of foods with micronutrient powders containing iron in children of preschool and school-age.

Sodium chloride pica causing recurrent nephrolithiasis in a patient with iron deficiency anemia: a case report.

Changes in vasoactive pathways in congenital diaphragmatic hernia associated pulmonary hypertension explain unresponsiveness to pharmacotherapy.

Apoptosis signal-regulating kinase 1 inhibition attenuates cardiac hypertrophy and cardiorenal fibrosis induced by uremic toxins: Implications for cardiorenal syndrome.

Dietary nonheme iron is equally bioavailable from ferritin or ferrous sulfate in thalassemia intermedia.

Potential of antimicrobial photodynamic inactivation by inorganic salts.

Enoxacin with UVA Irradiation Induces Apoptosis in the AsPC1 Human Pancreatic Cancer Cell Line Through ROS Generation.

Iron absorption from oral iron supplements given on consecutive versus alternate days and as single morning doses versus twice-daily split dosing in iron-depleted women: two open-label, randomised controlled trials.

Gastrointestinal: Cause or effect: A case of microcytic anemia.

Enhancing miR-132 expression by aryl hydrocarbon receptor attenuates tumorigenesis associated with chronic colitis.

Obesogenic endocrine disruptors and obesity: myths and truths.

Aryl Hydrocarbon Receptor Ablation in Cardiomyocytes Protects Male Mice From Heart Dysfunction Induced by NKX2.5 Haploinsufficiency.

Antioxidant activity of oleuropein and semisynthetic acetyl-derivatives determined by measuring malondialdehyde in rat brain.

Sex-specific differences in effect of prenatal exposure to dioxin-like compounds on neurodevelopment in Japanese children: Sapporo cohort study.

Gonadal intersex in smallmouth bass *Micropterus dolomieu* from northern Indiana with correlations to molecular biomarkers and anthropogenic chemicals.

Iron Pharmacokinetics in Women with Iron Deficiency Anaemia Following A Single Oral Dose of a Novel Formulation of Tardyferon (Prolonged Release Ferrous Sulphate).

Linking arsenite- and cadmium-generated oxidative stress to microsatellite instability in vitro and in vivo.

Occupational exposure to pesticides are associated with fixed airflow obstruction in middle-age.

Microbiome perturbation by oral vancomycin reduces plasma concentration of two gut-derived uremic solutes, indoxyl sulfate and p-cresyl sulfate, in end-stage renal disease.

Review on arsenic-induced toxicity in male reproductive system and its amelioration.

Targeting energy metabolism of cancer cells: Combined administration of NCL-240 and 2-DG.

[Sensory axonal polyneuropathy due to 2,4-dinitrophenol].

The neurotoxicant PCB-95 by increasing the neuronal transcriptional repressor REST down-regulates caspase-8 and increases Ripk1, Ripk3 and MLKL expression determining necroptotic neuronal death.

Mitochondrial uncoupling in the melanocortin system differentially regulates NPY and POMC neurons to promote weight-loss.

Association Between Dioxin and Metabolic Syndrome by Age and Sex in an Endemic Area of Exposure in Taiwan.

Comparison of Different Iron Preparations in the Prophylaxis of Iron-deficiency Anemia.

Heme Biosynthetic Pathway is Functionally Linked to Adipogenesis via Mitochondrial Respiratory Activity.

Research on the effect of formononetin on photodynamic therapy in K562 cells.

Iron Supplementation in Twin Pregnancy - The Benefit of Doubling the Iron Dose in Iron Deficient Pregnant Women: A Randomized Controlled Trial.

Consumption of galacto-oligosaccharides increases iron absorption from a micronutrient powder containing ferrous fumarate and sodium iron EDTA: a stable-isotope study in Kenyan infants.

Do PCDD/PCDF standard solutions used in dioxin analysis pose a risk as potentially acutely toxic to lab personnel?

Environmental exposure to pesticides and the risk of Parkinson's disease in the Netherlands.

Mixture effects of 30 environmental contaminants on incident metabolic syndrome-A prospective study.

Effect of dioxin and 17 β -estradiol on the expression of cytochrome P450 1A1 gene via an estrogen receptor dependent pathway in cellular and xenografted models.

Inhibition of Cx43 mediates protective effects on hypoxic/reoxygenated human neuroblastoma cells.

The relationship between dioxins exposure and risk of prostate cancer with steroid hormone and age in Vietnamese men.

Live cell imaging of bacterial cells: Pyrenoylpyrrole-based fluorescence labeling.

Effects of Orally Ingested Arsenic on Respiratory Epithelial Permeability to Bacteria and Small Molecules in Mice.

Construction of environmental risk score beyond standard linear models using machine learning methods: application to metal mixtures, oxidative stress and cardiovascular disease in NHANES.

Sustained-release mitochondrial protonophore reverses nonalcoholic fatty liver disease in rats.

Anemia after continuous-flow left ventricular assist device implantation: characteristics and implications.

The human bitter taste receptor T2R38 is broadly tuned for bacterial compounds.

Overexpression of the Transcriptional Regulator WOR1 Increases Susceptibility to Bile Salts and Adhesion to the Mouse Gut Mucosa in *Candida albicans*.

Dietary Factors Modulate Iron Uptake in Caco-2 Cells from an Iron Ingot Used as a Home Fortificant to Prevent Iron Deficiency.

Dioxin Receptor Adjusts Liver Regeneration After Acute Toxic Injury and Protects Against Liver Carcinogenesis.

Recurrent anaemia in a patient with lymphocytic gastritis and vitamin B(12) deficiency.

Use of anthropogenic nitrogen fertilizers in agriculture is associated with per capita ethanol consumption.

Effect of a Short-Course Treatment with Synbiotics on Plasma p-Cresol Concentration in Kidney Transplant Recipients.

Cleaning and disinfection programs against *Campylobacter jejuni* for broiler chickens: productive performance, microbiological assessment and characterization.

Chronic exposure of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces an obesogenic effect in C57BL/6J mice fed a high fat diet.

The anti-migraine component of butterbur extracts, isopetasin, desensitizes peptidergic nociceptors by acting on TRPA1 cation channel.

Pediatric liver transplantation for fulminant hepatic failure secondary to intentional iron overdose.

Obstacles to reducing plasma levels of uremic solutes by hemodialysis.

Antimicrobial agents, triclosan, chloroxylenol, methylisothiazolinone and borax, used in cleaning had genotoxic and histopathologic effects on rainbow trout.

Filth Fly Activity Associated With Composted and Noncomposted Beef Cadavers and Laboratory Studies on Volatile Organic Compounds.

Neurocognitive disorders and chronic manganese exposure.

Oxoisoaporphine alkaloid derivative 8-1 reduces A β (1-42) secretion and toxicity in human cell and *Caenorhabditis elegans* models of Alzheimer's disease.

Changes in Serum Adiponectin in Mice Chronically Exposed to Inorganic Arsenic in Drinking Water.

Assessing the Impact of Lithium Chloride on the Expression of P-Glycoprotein at the Blood-Brain Barrier.

Visual light effects on mitochondria: The potential implications in relation to glaucoma.

Metabolic inhibition reduces cardiac L-type Ca²⁺ channel current due to acidification caused by ATP hydrolysis.

Relationships between serum-induced AhR bioactivity or mitochondrial inhibition and circulating polychlorinated biphenyls (PCBs).

Distribution, lipid-bilayer affinity and kinetics of the metabolic effects of dinoseb in the liver.

Polychlorinated dibenzo-p-dioxins and dibenzofurans levels in piglet liver with various diseases.

Increased Frequency of Rheumatoid Arthritis and Allergic Rhinitis among Pesticide Sprayers and Associations with Pesticide Use.

Near infra-red light attenuates corneal endothelial cell dysfunction in situ and in vitro.

Tert-butylhydroquinone protects PC12 cells against ferrous sulfate-induced oxidative and inflammatory injury via the Nrf2/ARE pathway.

An infant and mother with severe B(12) deficiency: vitamin B(12) status assessment should be determined in pregnant women with anaemia.

Exploring binding characteristics and the related competition of different protein-bound uremic toxins.

Fetal Cardiac Impairment in Nitrofen-Induced Congenital Diaphragmatic Hernia: Postmortem Microcomputed Tomography Imaging Study.

Iron Supplementation, Response in Iron-Deficiency Anemia: Analysis of Five Trials.

Multidirectional inhibition of cortico-hippocampal neurodegeneration by kolaviron treatment in rats.

Long term variation of serum levels of uremic toxins in patients treated by post-dilution high volume on-line hemodiafiltration in comparison to standard low-flux bicarbonate dialysis: results from the REDERT study.

A Simple Procedure for the Evaluation of Bone Vitality by Staining with a Tetrazolium Salt.

Benign and tumor parenchyma metabolomic profiles affect compensatory renal growth in renal cell carcinoma surgical patients.

Pesticide Use and Age-Related Macular Degeneration in the Agricultural Health Study.

Pesticide Exposure and Risk of Rheumatoid Arthritis among Licensed Male Pesticide Applicators in the Agricultural Health Study.

Pikuni-Blackfeet traditional medicine: Neuroprotective activities of medicinal plants used to treat Parkinson's disease-related symptoms.

Key Role for the Organic Anion Transporters, OAT1 and OAT3, in the in vivo Handling of Uremic Toxins and Solutes.

Iron bioavailability in iron-fortified cereal foods: The contribution of in vitro studies.

High Consumption of Iron Exacerbates Hyperlipidemia, Atherosclerosis, and Female Sterility in Zebrafish via Acceleration of Glycation and Degradation of Serum Lipoproteins.

Insights into the intracellular mechanisms of citronellal in *Candida albicans*: implications for reactive oxygen species-mediated necrosis, mitochondrial dysfunction, and DNA damage.

Correlation Between Nasal Epithelial Injury and In Vitro Cytotoxicity Using a Series of Small Molecule Protein Tyrosine Phosphatase 1B Inhibitors Investigated for Reversal of Leptin Resistance in Obesity.

KML001 and doxercalciferol induce synergistic antileukemic effect in acute lymphoid leukemia cells.

Role of the aryl hydrocarbon receptor in carcinogenesis and potential as an anti-cancer drug target.

[Refractory iron deficiency anaemia].

Thiamine and benfotiamine prevent stress-induced suppression of hippocampal neurogenesis in mice exposed to predation without affecting brain thiamine diphosphate levels.

Rho guanine nucleotide exchange factor (RGNEF) is a prosurvival factor under stress conditions.

Editor's Highlight: Base Excision Repair Variants and Pesticide Exposure Increase Parkinson's Disease Risk.

Polysulfonate suramin inhibits Zika virus infection.

Absence of the NOD2 protein renders epithelia more susceptible to barrier dysfunction due to mitochondrial dysfunction.

Outbreak of Occupational Dermatitis Associated With *Pyemotes ventricosus*.

Amyloid fibril systems reduce, stabilize and deliver bioavailable nanosized iron.

Effect of pistachio consumption on the modulation of urinary gut microbiota-related metabolites in prediabetic subjects.

Iron supplementation in singleton pregnancy: Is there a benefit to doubling the dose of elemental iron in iron-deficient pregnant women? a randomized controlled trial.

2,4 DNP improves motor function, preserves medium spiny neuronal identity, and reduces oxidative stress in a mouse model of Huntington's disease.

Forty to fifty-five-year-old women and iron deficiency: clinical considerations and quality of life.

Direct participation of DNA in the formation of singlet oxygen and base damage under UVA irradiation.

Ergothioneine products derived by superoxide oxidation in endothelial cells exposed to high-glucose.

Protective effect of hydroxytyrosol in arsenic-induced mitochondrial dysfunction in rat brain.

Indole-3-carbinol, a plant nutrient and AhR-Ligand precursor, supports oral tolerance against OVA and improves peanut allergy symptoms in mice.

Dioxin-induced increase in leukotriene B4 biosynthesis through the aryl hydrocarbon receptor and its relevance to hepatotoxicity owing to neutrophil infiltration.

Mitochondrion to endoplasmic reticulum apposition length in zebrafish embryo spinal progenitors is unchanged in response to perturbations associated with Alzheimer's disease.

Adsorption of aflatoxin B1, zearalenone and ochratoxin A by microorganisms isolated from Kefir grains.

Effect of Low-Dose Ferrous Sulfate vs Iron Polysaccharide Complex on Hemoglobin Concentration in Young Children With Nutritional Iron-Deficiency Anemia: A Randomized Clinical Trial.

The history of arsenical pesticides and health risks related to the use of Agent Blue.

Evaluation of processed borax as antidote for aconite poisoning.

The decreased growth performance and impaired immune function and structural integrity by dietary iron deficiency or excess are associated with TOR, NF- κ B, p38MAPK, Nrf2 and MLCK signaling in head kidney, spleen and skin of grass carp (*Ctenopharyngodon idella*).

Progesterone resistance in endometriosis: origins, consequences and interventions.

Down-regulation of N-deacetylase-N-sulfotransferase-1 signaling in the developing diaphragmatic vasculature of nitrofen-induced congenital diaphragmatic hernia.

Effects of Lithium and 2,4-Dichlorophenol on Zebrafish: Circadian Rhythm Disorder and Molecular Effects.

The Influence of α -Tocopherol on Serum Biochemical Markers During Experimentally Induced Pleuritis in Rats Exposed to Dioxin.

Vascular endothelial growth factor-D modulates oxidant-antioxidant balance of human vascular endothelial cells.

Oral Iron Treatment Response and Predictors in Anaemic Adolescents and Adults with IBD: A Prospective Controlled Open-Label Trial.

Ferric carboxymaltose vs. oral iron in the treatment of pregnant women with iron deficiency anemia: an international, open-label, randomized controlled trial (FER-ASAP).

NAD(+) loss, a new player in AhR biology: prevention of thymus atrophy and hepatosteatosis by NAD(+) repletion.

Neuroprotective effects of 2,4-dinitrophenol in an acute model of Parkinson's disease.

Oral administration of trace element magnesium significantly improving the cognition and locomotion in hepatic encephalopathy rats.

Antagonistic and Quantitative Assessment of Indigenous Lactic acid Bacteria in Different Varieties of Ogi against Gastrointestinal Pathogens.

TCF21 and the environmental sensor aryl-hydrocarbon receptor cooperate to activate a pro-inflammatory gene expression program in coronary artery smooth muscle cells.

Dioxins and related environmental contaminants increase TDP-43 levels.

Protective Effects of Curcumin against Sodium Arsenite-induced Ovarian Oxidative Injury in a Mouse Model.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces hepatic stellate cell (HSC) activation and liver fibrosis in C57BL6 mouse via activating Akt and NF- κ B signaling pathways.

Sodium azide suppresses LPS-induced expression MCP-1 through regulating κ B and STAT1 activities in macrophages.

Iron Supplements Modulate Colon Microbiota Composition and Potentiate the Protective Effects of Probiotics in Dextran Sodium Sulfate-induced Colitis.

Nuclear lamins and progerin are dispensable for antioxidant Nrf2 response to arsenic and cadmium.

Elastase and matrix metalloproteinase activities are associated with pulmonary vascular disease in the nitrofen rat model of congenital diaphragmatic hernia.

Follistatin-like 1 expression is decreased in the alveolar epithelium of hypoplastic rat lungs with nitrofen-induced congenital diaphragmatic hernia.

Limited reduction in uremic solute concentrations with increased dialysis frequency and time in the Frequent Hemodialysis Network Daily Trial.

The unusual presentation of a burn from methyl bromide exposure: A case report and review of the literature.

Suppressed erythropoietin expression in a nitrofen-induced congenital diaphragmatic hernia.

Study of 5 Volatile Organic Compounds in Exhaled Breath in Chronic Obstructive Pulmonary Disease.

DNP, mitochondrial uncoupling, and neuroprotection: A little dab'll do ya.

Fecal metagenomic profiles in subgroups of patients with myalgic encephalomyelitis/chronic fatigue syndrome.

Observation of nonanoic acid and aldehydes in exhaled breath of patients with lung cancer.

Ceftriaxone-Induced Hemolytic Anemia in a Jehovah's Witness.

[A group of occupational acute methyl bromide poisoning incident].

Adamantyl- and other polycyclic cage-based conjugates of desferrioxamine B (DFOB) for treating iron-mediated toxicity in cell models of Parkinson's disease.

Relation of polymorphism of arsenic metabolism genes to arsenic methylation capacity and developmental delay in preschool children in Taiwan.

Convergence of hepcidin deficiency, systemic iron overloading, heme accumulation, and REV-ERB α / β activation in aryl hydrocarbon receptor-elicited hepatotoxicity.

Sustained effectiveness of weekly iron-folic acid supplementation and regular deworming over 6 years in women in rural Vietnam.

Environmental pollutants, a possible etiology for premature ovarian insufficiency: a narrative review of animal and human data.

Prevalence and pattern of potential drug-drug interactions among chronic kidney disease patients in south-western Nigeria.

Free radicals impair the anti-oxidative stress activity of DJ-1 through the formation of SDS-resistant dimer.

Cost-effectiveness analysis of ultrasonography screening for nonalcoholic fatty liver disease in metabolic syndrome patients.

Endocrine disrupting compounds modulates adiponectin secretion, expression of its receptors and action on steroidogenesis in ovarian follicle.

Lower concentrations of receptor for advanced glycation end products and epiregulin in amniotic fluid correlate to chemically induced cleft palate in mice.

Antiproliferation effect of the uremic toxin para-cresol on endothelial progenitor cells is related to its antioxidant activity.

Evidence Favoring a Positive Feedback Loop for Physiologic Auto Upregulation of hnRNP-E1 during Prolonged Folate Deficiency in Human Placental Cells.

Persistent organic pollutants and diabetes among Inuit in the Canadian Arctic.

1,2-Dichloroethane impairs glucose and lipid homeostasis in the livers of NIH Swiss mice.

Arsenic exposure alters lung function and airway inflammation in children: A cohort study in rural Bangladesh.

Inhibition of Kupffer cell functions modulates arsenic intoxication in Wistar rats.

Low concentration of uncouplers of oxidative phosphorylation decreases the TNF-induced endothelial permeability and lethality in mice.

Evaluation of sodium arsenite exposure on reproductive competence in pregnant and postlactational dams and their offspring.

Intracellular ATP in balance of pro- and anti-inflammatory cytokines in adipose tissue with and without tissue expansion.

Protective effects of levamisole, acetylsalicylic acid, and α -tocopherol against dioxin toxicity measured as the expression of AhR and COX-2 in a chicken embryo model.

Immunomodulation of cell-penetrating tat-metallothionein for successful outcome of xenotransplanted pancreatic islet.

Iron Deficiency Anemia in Adolescents Who Present with Heavy Menstrual Bleeding.

Dioxin-like rather than non-dioxin-like PCBs promote the development of endometriosis through stimulation of endocrine-inflammation interactions.

Occupational Exposure to Pesticides and the Incidence of Lung Cancer in the Agricultural Health Study.

Comparison of intravenous ferrous sucrose and oral ferrous sulphate in treatment of postpartum iron deficiency anemia.

Dose-response characteristics of Clematis triterpenoid saponins and clematichinenoside AR in rheumatoid arthritis rats by liquid chromatography/mass spectrometry-based serum and urine metabolomics.

Strain differences in arsenic-induced oxidative lesion via arsenic biomethylation between C57BL/6J and 129X1/SvJ mice.

IL-27 triggers IL-10 production in Th17 cells via a c-Maf/ROR γ t/Blimp-1 signal to promote the progression of endometriosis.

Hyperglycemia enhances arsenic-induced platelet and megakaryocyte activation.

Are there any differences between first and second primary molar pulpectomy prognoses? A retrospective clinical study.

Pharmacologic Impact (aka "Breaking Bad") of Medications on Wound Healing and Wound Development: A Literature-based Overview.

Endocrine Disruptors and Obesity.

Residual renal function: a paradigm shift.

RNAi-Mediated Simultaneous Resistance Against Three RNA Viruses in Potato.

Fluoride and arsenic exposure affects spatial memory and activates the ERK/CREB signaling pathway in offspring rats.

Acute esophageal injury and strictures following corrosive ingestions in a 27year cohort.

Cilostazol inhibits uremic toxin-induced vascular smooth muscle cell dysfunction: role of Axl signaling.

Targeted mitochondrial uncoupling beyond UCP1 - The fine line between death and metabolic health.

Chronic Exposure to Low Doses of Dioxin Promotes Liver Fibrosis Development in the C57BL/6J Diet-Induced Obesity Mouse Model.

Exposure to the environmental endocrine disruptor TCDD and human reproductive dysfunction: Translating lessons from murine models.

Role of Glutathione Peroxidase 4 in Corneal Endothelial Cells.

Lower sulfurtransferase detoxification rates of cyanide in konzo-A tropical spastic paralysis linked to cassava cyanogenic poisoning.

Ameliorative effect of two Ayurvedic herbs on experimentally induced arsenic toxicity in calves.

Free and total p-cresol sulfate levels and infectious hospitalizations in hemodialysis patients in CHOICE and HEMO.

Oral antiplatelet agents for the management of acute coronary syndromes: A review for nurses and allied healthcare professionals.

Randomized clinical trial of preoperative oral versus intravenous iron in anaemic patients with colorectal cancer.

From the Cover: Embryonic Exposure to TCDD Impacts Osteogenesis of the Axial Skeleton in Japanese medaka, *Oryzias latipes*.

Arsenite in drinking water produces glucose intolerance in pregnant rats and their female offspring.

Effect of curcumin on kidney histopathological changes, lipid peroxidation and total antioxidant capacity of serum in sodium arsenite-treated mice.

2,3,7,8-tetrachlorodibenzo-p-dioxin and the viral infection.

Diagnostic guide enabling distinction between taphonomic stains and enamel hypomineralisation in an archaeological context.

Expression of T-box transcription factors 2, 4 and 5 is decreased in the branching airway mesenchyme of nitrofen-induced hypoplastic lungs.

Decreased Endoglin expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia rat model.

An iron-deficient diet during development induces oxidative stress in relation to age and gender in Wistar rats.

Pesticides: an update of human exposure and toxicity.

Decreased sensitivity of palmitoyl protein thioesterase 1-deficient neurons to chemical anoxia.

Epidemiology of endometriosis and its comorbidities.

Auxilin Underlies Progressive Locomotor Deficits and Dopaminergic Neuron Loss in a *Drosophila* Model of Parkinson's Disease.

p-Cresyl Sulfate.

Accelerated Bone Regeneration by Two-Photon Photoactivated Carbon Nitride Nanosheets.

Aryl hydrocarbon receptor/cytochrome P450^{1A1} pathway mediates breast cancer stem cells expansion through PTEN inhibition and β -Catenin and Akt activation.

[Uremic toxins and gut micro biome].

[Effect of low-dose exposure to sodium arsenite on proliferation of HBE and HaCaT cells].

Severe Self-Inflicted Acute Ocular Siderosis Caused by an Iron Tablet in the Conjunctival Fornix.

Protein-bound uremic toxins - biological effects and impact on morbidity in patients with chronic kidney disease.

[Ferrous sulfate in the treatment of iron deficiency anemia: The positions continue].

Probiotics for experimental obesity prevention: focus on strain dependence and viability of composition.

Generation of Loss-of-Function Mutants for Wheat Rust Disease Resistance Gene Cloning.

From Weed Killer to Wonder Drug.

Mitochondrial Uncoupler Prodrug of 2,4-Dinitrophenol, MP201, Prevents Neuronal Damage and Preserves Vision in Experimental Optic Neuritis.

Role of Organic Anion Transporters in the Uptake of Protein-Bound Uremic Toxins by Human Endothelial Cells and Monocyte Chemoattractant Protein-1 Expression.

The MPTP Story.

Pesticide exposures and respiratory health in general populations.

Toxico-vigilance - An inevitable prerequisite to keep a watch on toxins around you.

Activation of biologically relevant levels of reactive oxygen species by Au/g-C(3)N(4) hybrid nanozyme for bacteria killing and wound disinfection.

The dual clastogenic and anti-clastogenic properties of quercetin is dose dependent.

A Method for Diagnosing Alzheimer's Disease Based on Salivary Amyloid- β Protein 42 Levels.

Genome Editing with Engineered Nucleases in Economically Important Animals and Plants: State of the Art in the Research Pipeline.

Targeted Modification of Mitochondrial ROS Production Converts High Glucose-Induced Cytotoxicity to Cytoprotection: Effects on Anesthetic Preconditioning.

2,3,7,8 Tetrachlorodibenzo-p-dioxin-induced RNA abundance changes identify Ackr3, Col18a1, Cyb5a and Glud1 as candidate mediators of toxicity.

Dibenzo[def,p]chrysene transplacental carcinogenesis in wild-type, Cyp1b1 knockout, and CYP1B1 humanized mice.

Associations of arsenic metabolites, methylation capacity, and skin lesions caused by chronic exposure to high arsenic in tube well water.

Ignoring Adjuvant Toxicity Falsifies the Safety Profile of Commercial Pesticides.

Loss of the Arabidopsis Protein Kinases ANPs Affects Root Cell Wall Composition, and Triggers the Cell Wall Damage Syndrome.

Interaction patterns and toxicities of binary and ternary pesticide mixtures to *Daphnia magna* estimated by an accelerated failure time model.

Biomarkers identification by a combined clinical and metabonomics analysis in Henoch-Schonlein purpura nephritis children.

Ion Imbalance Is Involved in the Mechanisms of Liver Oxidative Damage in Rats Exposed to Glyphosate.

Occurrence of commonly used pesticides in personal air samples and their associated health risk among paddy farmers.

Receptor-interacting protein 140 as a co-repressor of Heat Shock Factor 1 regulates neuronal stress response.

Identification of differentially expressed genes response to TCDD in rat brain after long-term low-dose exposure.

Tissue breathing and topology of rats thymocytes surface under acute total β -irradiation.

Effects of water extracts of *Rehmannia glutinosa* on antioxidant system of Nrf2 in paraquat-induced insulin resistance diabetic rat model.

Elimination of Grapevine leafroll associated virus-3, Grapevine rupestris stem pitting associated virus and Grapevine virus A from a Tunisian Cultivar by Somatic Embryogenesis and Characterization of the Somaclones Using Ampelographic Descriptors.

Caffeine - rich infusion from *Cola nitida* (kola nut) inhibits major carbohydrate catabolic enzymes; abates redox imbalance; and modulates oxidative dysregulated metabolic pathways and metabolites in Fe(2+)-induced hepatic toxicity.

Differential cytotoxicity and intracellular calcium-signalling following activation of the calcium-permeable ion channels TRPV1 and TRPA1.

Hexachlorobenzene as a persistent organic pollutant: Toxicity and molecular mechanism of action.

Lung regeneration after toxic injury is improved in absence of dioxin receptor.

A fatal case of acute bupropion overdose despite cricothyroidotomy during cardiopulmonary resuscitation.

Morphological and morphometrical changes on adult Wistar rat testis caused by chronic sodium arsenite exposure.

Arsenite Induces Vascular Endothelial Cell Dysfunction by Activating IRE1 α /XBP1s/HIF1 α -Dependent ANGII Signaling.

[^{11}C]PF-3274167 as a PET radiotracer of oxytocin receptors: Radiosynthesis and evaluation in rat brain.

Continuation of non-essential medications in actively dying hospitalised patients.

2, 3, 7, 8-Tetrachlorodibenzo-p-dioxin promotes endothelial cell apoptosis through activation of EP3/p38MAPK/Bcl-2 pathway.

Lethal effects of selected novel pesticides on immature stages of *Trichogramma pretiosum* (Hymenoptera: Trichogrammatidae).

Time courses of post-injury mitochondrial oxidative damage and respiratory dysfunction and neuronal cytoskeletal degradation in a rat model of focal traumatic brain injury.

Hepatotoxicity and Drug/Chemical Interaction Toxicity of Nanoclay Particles in Mice.

Fertility enhancing activity and toxicity profile of aqueous extract of *Chasmanthera dependens* roots in male rats.

[* cases on acute poisoning of glufosinate].

Extensin-4 protects kidney from acute ischemia-reperfusion injury through upregulation of NRF2 signaling.

Aryl Hydrocarbon Receptor Activation Suppresses EBF1 and PAX5 and Impairs Human B Lymphopoiesis.

Toxic effects of polybrominated diphenyl ethers (BDE 47 and 99) and localization of BDE-99-induced cyp1a mRNA in zebrafish larvae.

In Silico Analysis of Putrefaction Pathways in Bacteria and Its Implication in Colorectal Cancer.

Co-expression of Arabidopsis NHX1 and bar Improves the Tolerance to Salinity, Oxidative Stress, and Herbicide in Transgenic Mungbean.

Suppression of Soilborne Diseases of Soybean With Cover Crops.

The protective effect of hydroalcoholic extract of Ginger (*Zingiber officinale* Rosc.) against iron-induced functional and histological damages in rat liver and kidney.

Doxycycline attenuates paraquat-induced pulmonary fibrosis by downregulating the TGF- β ² signaling pathway.

Role of catalytic iron and oxidative stress in nitrofen-induced congenital diaphragmatic hernia and its amelioration by Saireito (TJ-114).

Editor's Highlight: Ah Receptor Activation Potentiates Neutrophil Chemoattractant (C-X-C Motif) Ligand 5 Expression in Keratinocytes and Skin.

The Burden of Mental Illness Among Veterans: Use of VHA Health Care Services by Those With Service-connected Conditions.

Evaluation of the safety of a genetically modified DAS-444 β -6-6 soybean meal and hulls in a 90-day dietary toxicity study in rats.

Neuroprotective effects of hydrogen sulfide on sodium azide-induced autophagic cell death in PC12 cells.

Mdivi-1 attenuates sodium azide-induced apoptosis in H9c2 cardiac muscle cells.

Imbalanced immune responses involving inflammatory molecules and immune-related pathways in the lung of acute and subchronic arsenic-exposed mice.

Survey of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans and non-ortho-polychlorinated biphenyls in US meat and poultry, 2012-13: toxic equivalency levels, patterns, temporal trends and implications.

All-Trans Retinoic Acid Ameliorates Arsenic-Induced Oxidative Stress and Apoptosis in the Rat Uterus by Modulating MAPK Signaling Proteins.

Sodium arsenite-induced cardiovascular and renal dysfunction in rat via oxidative stress and protein kinase B (Akt/PKB) signaling pathway.

Assessment of prescribed medications and pattern of distribution for potential drug-drug interactions among chronic kidney disease patients attending the Nephrology Clinic of Lagos University Teaching Hospital in Sub-Saharan West Africa.

Paraquat and MPTP induce neurodegeneration and alteration in the expression profile of microRNAs: the role of transcription factor Nrf2.

In vitro screening of neuroprotective activity of Indian medicinal plant *Withania somnifera*.

Visible-Light Neural Stimulation on Graphitic-Carbon Nitride/Graphene Photocatalytic Fibers.

Electronic Cigarettes: Their Constituents and Potential Links to Asthma.

Effect of soluble CD14 subtype on the prognosis evaluation of acute paraquat poisoning patients.

The prophylactic effect of *Acetobacter syzygii* probiotic species against squamous cell carcinoma.

The effect of adding ferrous sulfate to methylphenidate on attention-deficit/hyperactivity disorder in children.

Rice 7-Hydroxymethyl Chlorophyll a Reductase Is Involved in the Promotion of Chlorophyll Degradation and Modulates Cell Death Signaling.

Exposure to Cooking Fumes and Acute Reversible Decrement in Lung Functional Capacity.

Novel Pathways of Ponatinib Disposition Catalyzed By CYP1A1 Involving Generation of Potentially Toxic Metabolites.

Phospholipase D $\hat{1}$ negatively regulates plant thermotolerance by destabilizing cortical microtubules in *Arabidopsis*.

Microbial metabolites are associated with a high adherence to a Mediterranean dietary pattern using a (1)H-NMR-based untargeted metabolomics approach.

2,3',4,4',5-Pentachlorobiphenyl impairs insulin-induced NO production partly through excessive ROS production in endothelial cells.

Evaluation of a vital staining protocol with 2,3,5-triphenyltetrazolium chloride for cancellous bone in a sheep model.

Protein-bound uremic toxins impaired mitochondrial dynamics and functions.

Biosensor Technology Reveals the Disruption of the Endothelial Barrier Function and the Subsequent Death of Blood Brain Barrier Endothelial Cells to Sodium Azide and Its Gaseous Products.

Acrolein induces mtDNA damages, mitochondrial fission and mitophagy in human lung cells.

Loss of liver-specific and sexually dimorphic gene expression by aryl hydrocarbon receptor activation in C57BL/6 mice.

Energy status regulates disease development and respiratory metabolism of *Lasiodiplodia theobromae* (Pat.) Griff. & Maubl.-infected longan fruit.

Benzene exposure is associated with cardiovascular disease risk.

Sodium Arsenite-Induced Learning and Memory Impairment Is Associated with Endoplasmic Reticulum Stress-Mediated Apoptosis in Rat Hippocampus.

Protective efficacy of various carbonyl compounds and their metabolites, and nutrients against acute toxicity of some cyanogens in rats: biochemical and physiological studies.

Acute toxicity of commercial atrazine in *Piaractus mesopotamicus*: Histopathological, ultrastructural, molecular, and genotoxic evaluation.

Inhibition of ALDH2 expression aggravates renal injury in a rat sepsis syndrome model.

Incidence and pathological study of *Explanatum explanatum* (Creplin, 1847) Fukui, 1929 in goats in Andhra Pradesh, India.

Protective effects of vitamin E on sodium arsenite-induced toxicity, testicular measurements and histopathological studies of testes in Teddy goat bucks.

Polychlorinated biphenyls disrupt hepatic epidermal growth factor receptor signaling.

CDC42 expression is altered by dioxin exposure and mediated by multilevel regulations via AhR in human neuroblastoma cells.

Impaired dendritic growth and positioning of cortical pyramidal neurons by activation of aryl hydrocarbon receptor signaling in the developing mouse.

Detection Methodologies for Pathogen and Toxins: A Review.

Effect of spermine-derived AGEs on oxidative stress and polyamine metabolism.

Emissions from Electronic Cigarettes: Assessing Vapers' Intake of Toxic Compounds, Secondhand Exposures, and the Associated Health Impacts.

Gerontoxanthone B from *Maclura cochinchinensis* var. *gerontogea* exhibits anti-inflammatory potential as an aryl hydrocarbon receptor agonist.

Organotins and new antifouling biocides in water and sediments from three Korean Special Management Sea Areas following ten years of tributyltin regulation: Contamination profiles and risk assessment.

Deficiency of long isoforms of Nfe2l1 sensitizes MIN6 pancreatic β cells to arsenite-induced cytotoxicity.

Behavioral and Immunohistochemical Study of the Effects of Subchronic and Chronic Exposure to Glyphosate in Mice.

Bone morphogenetic protein 7 alleviates paraquat-induced pulmonary fibrosis via TGF- β 1/Erk1/2 pathway.

Overexpression of p58ipk protects neuroblastoma against paraquat-induced toxicity.

Predictors of acute kidney injury after paraquat intoxication.

Patchouli oil ameliorates acute colitis: A targeted metabolite analysis of 2,4,6-trinitrobenzenesulfonic acid-induced rats.

Fructose-1,6-bisphosphate reverts iron-induced phenotype of hepatic stellate cells by chelating ferrous ions.

Targeted metabolomics analysis of aromatic amino acids and their gut microbiota-host cometabolites in rat serum and urine by liquid chromatography coupled with tandem mass spectrometry.

Oxidative stress in the algae *Chlamydomonas reinhardtii* exposed to biocides.

Host Resistance and Chemical Control for Management of Sclerotinia Stem Rot of Soybean in Ohio.

Hair analysis for the biomonitoring of pesticide exposure: comparison with blood and urine in a rat model.

Accumulation of Arsenic Speciation and In Vivo Toxicity Following Oral Administration of a Chinese Patent Medicine Xiao-Er-Zhi-Bao-Wan in Rats.

[Clinical analysis seven cases of acetochlor acute poisoning].

[A case report of acute severe paraquat poisoning clinical cure].

Herbicide injury induces DNA methylome alterations in *Arabidopsis*.

Deficiencies in mitochondrial dynamics sensitize *Caenorhabditis elegans* to arsenite and other mitochondrial toxicants by reducing mitochondrial adaptability.

Organic micropollutants (OMPs) oxidation by ozone: Effect of activated carbon on toxicity abatement.

Age and Chronicity of Administration Dramatically Influenced the Impact of Low Dose Paraquat Exposure on Behavior and Hypothalamic-Pituitary-Adrenal Activity.

The Association of Combined GSTM1 and CYP2C9 Genotype Status with the Occurrence of Hemorrhagic Cystitis in Pediatric Patients Receiving Myeloablative Conditioning Regimen Prior to Allogeneic Hematopoietic Stem Cell Transplantation.

Flavin-containing monooxygenases in aging and disease: Emerging roles for ancient enzymes.

Synergistic cellular effects including mitochondrial destabilization, autophagy and apoptosis following low-level exposure to a mixture of lipophilic persistent organic pollutants.

Protective effects of coenzyme Q10 and resveratrol on oxidative stress induced by various dioxins on transheterozygote larvae of *Drosophila melanogaster*.

Paraquat poisoning: Case report of a survivor.

Zinc and Copper Metabolism and Risk of Autism: a reply to Sayehmiri et al.

Further evidence for the association of CYP2D6*4 gene polymorphism with Parkinson's disease: a case control study.

Predictive values of urine paraquat concentration, dose of poison, arterial blood lactate and APACHE II score in the prognosis of patients with acute paraquat poisoning.

Imperatorin is Transported through Blood-Brain Barrier by Carrier-Mediated Transporters.

Mitochondrial activity and oxidative stress functions are influenced by the activation of AhR-induced CYP1A1 overexpression in cardiomyocytes.

Phenolic metabolism and molecular mass distribution of polysaccharides in cellulose-deficient maize cells.

Toxicological characterisation of two novel selective aryl hydrocarbon receptor modulators in Sprague-Dawley rats.

Dermal absorption of fumigant gases during HAZMAT incident exposure scenarios-Methyl bromide, sulfuryl fluoride, and chloropicrin.

Xenobiotic transporters and kidney injury.

A systematic review of the risks factors associated with the onset and natural progression of spina bifida.

Pharmacological manipulations of autophagy modulate paraquat-induced cytotoxicity in PC12 cells.

Effect of aspartic acid and glutamate on metabolism and acid stress resistance of *Acetobacter pasteurianus*.

Peroxyoxalate Chemiluminescent Reaction as a Tool for Elimination of Tumour Cells Under Oxidative Stress.

Pneumocystis Pneumonia Infection in a Survivor of Paraquat Intoxication.

Genistein Prevents BRCA1 CpG Methylation and Proliferation in Human Breast Cancer Cells with Activated Aromatic Hydrocarbon Receptor.

Time dependent transition of the levels of protein-conjugated acrolein (PC-Acro), IL-6 and CRP in plasma during stroke.

Single-cell time-lapse imaging of intracellular O_2 in response to metabolic inhibition and mitochondrial cytochrome-c release.

Histopathological changes in zebrafish embryos exposed to DLPCBs extract from Zhanjiang coastal sediment.

Toxic potential of organic constituents of submicron particulate matter (PM₁) in an urban road site (Barcelona).

Exposure to polycyclic aromatic hydrocarbons and volatile organic compounds among recently pregnant rural Guatemalan women cooking and heating with solid fuels.

Multiple AMPK activators inhibit l-carnitine uptake in C2C12 skeletal muscle myotubes.

Aryl hydrocarbon receptor upregulates IL-1 β expression in hCMEC/D3 human cerebral microvascular endothelial cells after TCDD exposure.

Expression of advanced glycation end-products and NF κ B in chick embryos exposed to dioxins and treated with acetylsalicylic acid and α -tocopherol.

Metabolic Investigations of the Molecular Mechanisms Associated with Parkinson's Disease.

[The clinical analytics of 5 patients with acute atrazine poisoning].

[The clinical analytics of 10 patients with acute glyphosate poisoning].

Oxidative injury caused by individual and combined exposure of neonicotinoid, organophosphate and herbicide in zebrafish.

Acute kidney injury from different poisonous substances.

Cerebellar Molecular and Cellular Characterization in Rat Models of Alzheimer's Disease: Neuroprotective Mechanisms of Garcinia Biflavonoid Complex.

Sodium meta-arsenite induced reactive oxygen species in human red blood cells: impaired antioxidant and membrane redox systems, haemoglobin oxidation, and morphological changes.

Somatic embryogenesis from bud and leaf explants of date palm (*Phoenix dactylifera* L.) cv. Najda.

Acute water quality criteria for polycyclic aromatic hydrocarbons, pesticides, plastic additives, and 4-Nonylphenol in seawater.

Metabolomics analysis of urine from rats administered with long-term, low-dose acrylamide by ultra-performance liquid chromatography-mass spectrometry.

Diet-induced obesity alters dural CGRP release and potentiates TRPA1-mediated trigeminovascular responses.

A multi-laboratory evaluation of microelectrode array-based measurements of neural network activity for acute neurotoxicity testing.

RyR2-Mediated Ca²⁺ Release and Mitochondrial ROS Generation Partake in the Synaptic Dysfunction Caused by Amyloid β Peptide Oligomers.

DNA damage by lipid peroxidation products: implications in cancer, inflammation and autoimmunity.

Protein-bound P-cresol inhibits human umbilical vein endothelial cell proliferation by inducing cell cycle arrest at G₀/G₁.

Human exposure and risk assessment to airborne pesticides in a rural French community.

Human exposure assessment of different arsenic species in household water sources in a high risk arsenic area.

Saving the injured: Rescue behavior in the termite-hunting ant *Megaponera analis*.

Mechanisms of Iron Uptake from Ferric Phosphate Nanoparticles in Human Intestinal Caco-2 Cells.

Comprehensive estimate of the theoretical maximum daily intake of pesticide residues for chronic dietary risk assessment in Argentina.

A rare case of epilepsy and acute pancreatitis induced by severe paraquat poisoning.

Spermatogenesis disruption by dioxins: Epigenetic reprogramming and windows of susceptibility.

Human and rodent aryl hydrocarbon receptor (AHR): from mediator of dioxin toxicity to physiologic AHR functions and therapeutic options.

Subchronic Arsenic Exposure Through Drinking Water Alters Lipid Profile and Electrolyte Status in Rats.

Environmentally Persistent Free Radicals Cause Apoptosis in HL-1 Cardiomyocytes.

Early-life chemical exposures and risk of metabolic syndrome.

Molecular pathways related to the longevity promotion and cognitive improvement of *Cistanche tubulosa* in *Drosophila*.

Carnosine Attenuates the Development of both Type 2 Diabetes and Diabetic Nephropathy in BTBR ob/ob Mice.

Suicide prevention through means restriction: Impact of the 2008-2011 pesticide restrictions on suicide in Sri Lanka.

Paraquat disrupts the anti-inflammatory action of cortisol in human macrophages in vitro: therapeutic implications for paraquat intoxications.

An experimental study of postmortem decomposition of methomyl in blood.

Toxic Epidermal Necrolysis and Acute Kidney Injury due to Glyphosate Ingestion.

Characterization of E-NTPDase (EC 3.6.1.5) activity in hepatic lymphocytes: A different activity profile from peripheral lymphocytes.

The toxic effects of chlorophenols and associated mechanisms in fish.

Aryl hydrocarbon receptor activation by 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs human B lymphopoiesis.

Acute sensitivity of the vernal pool fairy shrimp, *Branchinecta lynchi* (Anostraca; Branchinectidae), and surrogate species to 10 chemicals.

SILAC-based quantitative proteomic analysis reveals widespread molecular alterations in human skin keratinocytes upon chronic arsenic exposure.

Development of Rapid and Economical Colorimetric Screening Method for p-Phenylenediamine in Variety of Biological Matrices and its Application to Eleven Fatal Cases of p-Phenylenediamine Poisoning.

Acute sensitivity of a broad range of freshwater mussels to chemicals with different modes of toxic action.

Biomarker Levels of Toxic Metals among Asian Populations in the United States: NHANES 2011-2012.

Molecular responses of genetically modified maize to abiotic stresses as determined through proteomic and metabolomic analyses.

Discernment scheme for paraquat poisoning: A five-year experience in Shiraz, Iran.

Pharmacodynamics of S-dimethylarsino-glutathione, a putative metabolic intermediate of inorganic arsenic, in mice.

Environmental Factors Impacting Bone-Relevant Chemokines.

Antioxidant effects of aqueous extract of Salep on Paraquat-induced rat liver injury.

Embryonic and Postnatal Expression of Aryl Hydrocarbon Receptor mRNA in Mouse Brain.

Lethal and sub-lethal effects of triclosan toxicity to the earthworm *Eisenia fetida* assessed through GC-MS metabolomics.

Quantitative Global Proteomics of Yeast PBP1 Deletion Mutants and Their Stress Responses Identifies Glucose Metabolism, Mitochondrial, and Stress Granule Changes.

Is chronic AhR activation by rapidly metabolized ligands safe for the treatment of immune-mediated diseases?

Golden Hours in Severe Paraquat Poisoning-The Role of Early Haemoperfusion Therapy.

Mumps caused by paraquat-induced poisoning: A case report.

Elevated Urinary Glyphosate and Clostridia Metabolites With Altered Dopamine Metabolism in Triplets With Autistic Spectrum Disorder or Suspected Seizure Disorder: A Case Study.

Development of a Facile and High-Throughput Bioluminescence Assay Using *Vibrio fischeri* to Determine the Chronic Toxicity of Contaminated Samples.

Non-dioxin-like organic toxicant PCB153 modulates sphingolipid metabolism in liver progenitor cells: its role in Cx43-formed gap junction impairment.

Epimedium Polysaccharide Alleviates Polyglutamine-Induced Neurotoxicity in *Caenorhabditis elegans* by Reducing Oxidative Stress.

[Two death cases of lung damage due to paraquat posion caused by skin contant].

Beta-Glucans Supplementation Associates with Reduction in P-Cresyl Sulfate Levels and Improved Endothelial Vascular Reactivity in Healthy Individuals.

Aryl hydrocarbon receptor (AhR)-dependent regulation of pulmonary miRNA by chronic cigarette smoke exposure.

Measuring Oxidative Stress in *Caenorhabditis elegans*: Paraquat and Juglone Sensitivity Assays.

Environmental Toxin Acrolein Alters Levels of Endogenous Lipids, Including TRP Agonists: A Potential Mechanism for Headache Driven by TRPA1 Activation.

Eryptosis - the Neglected Cause of Anemia in End Stage Renal Disease.

Effects of Chronic Exposure to Sodium Arsenite on Expressions of VEGF and VEGFR2 Proteins in the Epididymis of Rats.

Can a Biodegradable Implanted Bilayered Drug Delivery System Loaded with BMP-2/BMP-12 Take an Effective Role in the Biological Repair Process of Bone-Tendon Injuries? A Preliminary Report.

Sirtuin-2 Protects Neural Cells from Oxidative Stress and Is Elevated in Neurodegeneration.

Crosstalk between Aryl Hydrocarbon Receptor and Glucocorticoid Receptor in Human Retinal Pigment Epithelial Cells.

Benefits of Alcohol on Arsenic Toxicity in Rats.

The adjuvant use of calcium fructoborate and borax with etanercept in patients with rheumatoid arthritis: Pilot study.

Secondary Hemochromatosis due to Chronic Oral Iron Supplementation.

Intravenous injection of Xuebijing attenuates acute kidney injury in rats with paraquat intoxication.

Hepatoprotective and antioxidant effects of dietary Glycyrrhiza polysaccharide against TCDD-induced hepatic injury and RT-PCR quantification of AHR2, ARNT2, CYP1A mRNA in Jian Carp (*Cyprinus carpio* var. Jian).

Urinary 3-hydroxypropyl mercapturic acid (3-HPMA) concentrations in dogs with acute spinal cord injury due to intervertebral disc herniation.

Occupational exposure to pesticides, reproductive hormone levels and sperm quality in young Brazilian men.

Î±-Lipoic acid potentially targets AMP-activated protein kinase and energy production in the fetal brain to ameliorate dioxin-produced attenuation in fetal steroidogenesis.

Secondary metabolites of endophytic *Xylaria* species with potential applications in medicine and agriculture.

Correlation between brain damage, associated biomarkers, and medication in psychiatric inpatients: A cross-sectional study.

Interactive Influence of N6AMT1 and As3MT Genetic Variations on Arsenic Metabolism in the Population of Inner Mongolia, China.

From dioxin toxicity to putative physiologic functions of the human Ah receptor in homeostasis of stem/progenitor cells.

Effect of three safeners on sulfur assimilation and iron deficiency response in barley (*Hordeum vulgare*) plants.

Novel roles for AhR and ARNT in the regulation of alcohol dehydrogenases in human hepatic cells.

Influence of waterborne gallic and pelargonic acid exposures on biochemical and reproductive parameters in the zebrafish (*Danio rerio*).

Cytotoxicity study of benzo[a]pyrene on blood cells of Wistar rat in vitro.

[Dose-effect relationship between vitamin C and paraquat poisoning rats].

Histone deacetylase inhibitors mediate DNA damage repair in ameliorating hemorrhagic cystitis.

A novel mechanism underlies atrazine toxicity in quails (*Coturnix Coturnix coturnix*): triggering ionic disorder via disruption of ATPases.

The sublethal effects of (2,4-Dichlorophenoxy) acetic acid (2,4-D) on narrow-clawed crayfish (*Astacus leptodactylus* Eschscholtz, 1823).

Changing agricultural practices: potential consequences to aquatic organisms.

Curcumin inhibits paraquat induced lung inflammation and fibrosis by extracellular matrix modifications in mouse model.

Prenatal Paraquat exposure induces neurobehavioral and cognitive changes in mice offspring.

Establishment of an in vitro monolayer model of macular corneal dystrophy.

Effect of single and combination of three triazine metabolites at environmental concentrations on early life stages of common carp (*Cyprinus carpio* L.).

Individual and joint toxicity of the herbicide S-metolachlor and a metabolite, deethylatrazine on aquatic crustaceans: Difference between ecological groups.

Effect on the growth and development and induction of abnormalities by a glyphosate commercial formulation and its active ingredient during two developmental stages of the South-American Creole frog, *Leptodactylus latrans*.

Is the risk for soil arthropods covered by new data requirements under the EU PPP Regulation No. 1107/2009?

Carvedilol attenuates paraquat-induced lung injury by inhibition of proinflammatory cytokines, chemokine MCP-1, NF- κ B activation and oxidative stress mediators.

Continuous plasma perfusion of dual cartridges in series: rationale and early clinical experience.

Prognostic Factors in Emergency Department Patients with Glyphosate Surfactant Intoxication: Point-of-Care Lactate Testing.

Embryonic atrazine exposure alters zebrafish and human miRNAs associated with angiogenesis, cancer, and neurodevelopment.

Pyrrolidine dithiocarbamate attenuates paraquat-induced acute pulmonary poisoning in vivo via transforming growth factor β 1 and nuclear factor κ B pathway interaction.

Standardized *Bacopa monnieri* extract ameliorates acute paraquat-induced oxidative stress, and neurotoxicity in prepubertal mice brain.

Role of cytochrome c in α -synuclein radical formation: implications of α -synuclein in neuronal death in Maneb- and paraquat-induced model of Parkinson's disease.

[The effects of P-glycoprotein expression induced by ulinastatin on HK-2 cells damage induced by paraquat].

Medicinal herbs *Oenanthe javanica* (Blume) DC., *Casuarina equisetifolia* L. and *Sorghum bicolor* (L.) Moench protect human cells from MPP(+) damage via inducing FBXO7 expression.

Paraquat intoxication and associated pathological findings in three dogs in South Africa.

Effects of anti-androgens cyproterone acetate, linuron, vinclozolin, and p,p'-DDE on the reproductive organs of the copepod *Acartia tonsa*.

Prognostic value of hematological parameters in patients with paraquat poisoning.

Antioxidant and neuroprotective effects of *Dictyophora indusiata* polysaccharide in *Caenorhabditis elegans*.

[Anti-oxidantive effect of methylene blue on acute lung injury induced by paraquat in rat].

The transcription factor, Nuclear factor, erythroid 2 (Nfe2), is a regulator of the oxidative stress response during *Danio rerio* development.

Does age matter? Comparison of neurobehavioral effects of paraquat exposure on postnatal and adult C57BL/6 mice.

Influence of Three Citrus Herbicides on Potential Production of *Sorghum bicolor* 'Topper 76-6' as a Bioenergy Crop.

Identification of Homogentisate Dioxygenase as a Target for Vitamin E Biofortification in Oilseeds.

Distribution, quantification and toxicity of cinnamaldehyde in electronic cigarette refill fluids and aerosols.

Nephrotoxicity of Kalach 360 SL: biochemical and histopathological findings.

Methemoglobin measurements are underestimated by the Radical 7 co-oximeter: experience from a series of moderate to severe propanil poisonings.

Glufosinate aerogenic exposure induces glutamate and IL-1 receptor dependent lung inflammation.

Herbicides interfere with antigrazer defenses in *Scenedesmus obliquus*.

Mechanism of glyphosate control of *Phelipanche aegyptiaca*.

Rheumatoid Arthritis in Agricultural Health Study Spouses: Associations with Pesticides and Other Farm Exposures.

Glyphosate and aminomethylphosphonic acid chronic risk assessment for soil biota.

Toxic Epidemics: Agent Orange Sickness in Vietnam and the United States.

Inhibition of connective tissue growth factor attenuates paraquat-induced lung fibrosis in a human MRC-5 cell line.

Assessment of the Effects of MPTP and Paraquat on Dopaminergic Neurons and Microglia in the Substantia Nigra Pars Compacta of C57BL/6 Mice.

Developmental exposure to paraquat and maneb can impair cognition, learning and memory in Sprague-Dawley rats.

Salvianolic acid B protects against paraquat-induced pulmonary injury by mediating Nrf2/Nox4 redox balance and TGF- β 1/Smad3 signaling.

Effects of long-term endocrine disrupting compound exposure on *Macaca mulatta* embryonic stem cells.

Decrease in acrolein toxicity based on the decline of polyamine oxidases.

Behavioral responses of juvenile *Daphnia magna* after exposure to glyphosate and glyphosate-copper complexes.

Effects of dietary exposure to herbicide and of the nutritive quality of contaminated food on the reproductive output of *Daphnia magna*.

Glyphosate: environmental contamination, toxicity and potential risks to human health via food contamination.

Enhanced Ascorbate Regeneration Via Dehydroascorbate Reductase Confers Tolerance to Photo-Oxidative Stress in *Chlamydomonas reinhardtii*.

Fish Aversion and Attraction to Selected Agrichemicals.

Honey bee (*Apis mellifera*) drones survive oxidative stress due to increased tolerance instead of avoidance or repair of oxidative damage.

Influence of light, nutrients, and temperature on the toxicity of atrazine to the algal species *Raphidocelis subcapitata*: Implications for the risk assessment of herbicides.

Effects of terbuthylazine-desethyl, a terbuthylazine degradation product, on red swamp crayfish (*Procambarus clarkii*).

Organic honey supplementation reverses pesticide-induced genotoxicity by modulating DNA damage response.

Diindolylmethane and Lupeol Modulates Apoptosis and Cell Proliferation in N-Butyl-N-(4-Hydroxybutyl) Nitrosamine Initiated and Dimethylarsinic Acid Promoted rat Bladder Carcinogenesis.

Inhibition of Protein Ubiquitination by Paraquat and 1-Methyl-4-Phenylpyridinium Impairs Ubiquitin-Dependent Protein Degradation Pathways.

Glyphosate (Pesticides).

Acute Acrolein Exposure Induces Impairment of Vocal Fold Epithelial Barrier Function.

Inhibition of Excessive Oxidative Protein Folding Is Protective in MPP(+) Toxicity-Induced Parkinson's Disease Models.

Mechanism-specific injury biomarkers predict nephrotoxicity early following glyphosate surfactant herbicide (GPSH) poisoning.

Glyphosate induces cardiovascular toxicity in *Danio rerio*.

Embryonic Atrazine Exposure Elicits Alterations in Genes Associated with Neuroendocrine Function in Adult Male Zebrafish.

Evaluating long-term cellular effects of the arsenic species thio-DMA(V): qPCR-based gene expression as screening tool.

Gene expression profiles in testis of developing male *Xenopus laevis* damaged by chronic exposure of atrazine.

Genotoxic effect of a binary mixture of dicamba- and glyphosate-based commercial herbicide formulations on *Rhinella arenarum* (Hensel, 1867) (Anura, Bufonidae) late-stage larvae.

A *pqr2* mutant encodes a defective polyamine transporter and is negatively affected by ABA for paraquat resistance in *Arabidopsis thaliana*.

Inhibition of cathepsin B by caspase-3 inhibitors blocks programmed cell death in *Arabidopsis*.

The herbicide atrazine induces hyperactivity and compromises tadpole detection of predator chemical cues.

Evaluation of potential mechanisms of atrazine-induced reproductive impairment in fathead minnow (*Pimephales promelas*) and Japanese medaka (*Oryzias latipes*).

Effect of MDR1 gene polymorphisms on mortality in paraquat intoxicated patients.

Toll-like receptor 4 knockout alleviates paraquat-induced cardiomyocyte contractile dysfunction through an autophagy-dependent mechanism.

Atrazine activates multiple signaling pathways enhancing the rapid hCG-induced androgenesis in rat Leydig cells.

NMDA-Receptors Are Involved in Cu^{2+} /Paraquat-Induced Death of Cultured Cerebellar Granule Neurons.

Peace and Reconciliation.

Role of adipokinetic hormone and adenosine in the anti-stress response in *Drosophila melanogaster*.

Atrazine exposure affects longevity, development time and body size in *Drosophila melanogaster*.

Poly-ADP-ribose polymerase inhibition provides protection against lung injury in a rat paraquat toxicity model.

Assessment of oxidative stress responses and the cytotoxic and genotoxic potential of the herbicide tembotrione in HepG2 cells.

The Protective Role of Thiourea on *Leuciscus cephalus* Exposed to Sublethal Doses of Pendigan 330EC (Pendimethalin) Herbicide.

A bedside test for methaemoglobinemia improved antidote use in propanil poisoning.

Synergistic stress exacerbation in hippocampal neurons: Evidence favoring the dual-hit hypothesis of neurodegeneration.

Potential subchronic food safety of the stacked trait transgenic maize GH5112E-117C in Sprague-Dawley rats.

Determination of glyphosate and its metabolite in emergency room in Korea.

Atrazine induces endoplasmic reticulum stress-mediated apoptosis of T lymphocytes via the caspase-8-dependent pathway.

[Clinical effect of compound monoammonium glycyrrhizinate combined with dandelion in treatment of acute paraquat poisoning].

[Risk factors for pulmonary fibrosis in patients with paraquat poisoning].

[An analysis of the clinical and epidemiological characteristics of acute poisoning patients in a general hospital].

Identification of apoptosis and macrophage migration events in paraquat-induced oxidative stress using a zebrafish model.

Paraquat tongue.

Thymoquinone effectively alleviates lung fibrosis induced by paraquat herbicide through down-regulation of pro-fibrotic genes and inhibition of oxidative stress.

Oxidative stress responses in gills of goldfish, *Carassius auratus*, exposed to the metribuzin-containing herbicide Sencor.

Protective effect of *Berberis vulgaris* fruit extract against Paraquat-induced pulmonary fibrosis in rats.

Adiponectin ameliorates the apoptotic effects of paraquat on alveolar type II cells via improvements in mitochondrial function.

Prognosis and survival analysis of paraquat poisoned patients based on improved HPLC-UV method.

L-Phosphinothricin modulation of inwardly rectifying K(+) channels increased excitability in striatal medium-sized spiny neurons.

The combined influence of two agricultural contaminants on natural communities of phytoplankton and zooplankton.

Multiple effects of a commercial Roundup® formulation on the soil filamentous fungus *Aspergillus nidulans* at low doses: evidence of an unexpected impact on energetic metabolism.

Individual and combined toxic effects of herbicide atrazine and three insecticides on the earthworm, *Eisenia fetida*.

Nucleotide excision repair deficiency increases levels of acrolein-derived cyclic DNA adduct and sensitizes cells to apoptosis induced by docosahexaenoic acid and acrolein.

Reproductive and developmental toxicity of the herbicide Betanal[®] Expert and corresponding active ingredients to *Daphnia* spp.

Protection against MPP(+)-induced neurotoxicity in SH-SY5Y cells by tormentic acid via the activation of PI3-K/Akt/GSK3^β pathway.

Glyphosate-based herbicide exposure causes antioxidant defence responses in the fruit fly *Drosophila melanogaster*.

Evaluation of the effect of 2,4-dichlorophenol on oxidative parameters and viability of human blood mononuclear cells (in vitro).

Unilateral microinjection of acrolein into thoracic spinal cord produces acute and chronic injury and functional deficits.

In vitro neurotoxic hazard characterisation of dinitrophenolic herbicides.

Glyphosate and adverse pregnancy outcomes, a systematic review of observational studies.

HIGH PREVALENCE OF AGENT ORANGE EXPOSURE AMONG THYROID CANCER PATIENTS IN THE NATIONAL VA HEALTHCARE SYSTEM.

Agricultural Compounds in Water and Birth Defects.

Proposed Mode of Action for Acrolein Respiratory Toxicity Associated with Inhaled Tobacco Smoke.

Toxic and genotoxic effects of the 2,4-dichlorophenoxyacetic acid (2,4-D)-based herbicide on the Neotropical fish *Cnesterodon decemmaculatus*.

Joint acute toxicity of the herbicide butachlor and three insecticides to the terrestrial earthworm, *Eisenia fetida*.

Imazapyr+imazapic herbicide determines acute toxicity in silver catfish *Rhamdia quelen*.

Effects of diuron and carbofuran pesticides in their pure and commercial forms on *Paramecium caudatum*: The use of protozoan in ecotoxicology.

A subchronic feeding study of dicamba-tolerant soybean with the dmo gene in Sprague-Dawley rats.

Impacts of 2,4-dichlorophenoxyacetic acid aquatic herbicide formulations on reproduction and development of the fathead minnow (*Pimephales promelas*).

The role of ions, heavy metals, fluoride, and agrochemicals: critical evaluation of potential aetiological factors of chronic kidney disease of multifactorial origin (CKDmfo/CKDu) and recommendations for its eradication.

Antioxidant enzymes activity, lipid peroxidation, oxidative damage in the testis and epididymis, and steroidogenesis in rats after co-exposure to atrazine and ethanol.

Social stress increases the susceptibility to infection in the ant *Harpegnathos saltator*.

Characterization of seizures induced by acute exposure to an organophosphate herbicide, glufosinate-ammonium.

Exposure of *C. elegans* eggs to a glyphosate-containing herbicide leads to abnormal neuronal morphology.

Atrazine promotes RM1 prostate cancer cell proliferation by activating STAT3 signaling.

The metabolite 3,4,3',4'-tetrachloroazobenzene (TCAB) exerts a higher ecotoxicity than the parent compounds 3,4-dichloroaniline (3,4-DCA) and propanil.

Acute and short-term developmental toxicity of cyhalofop-butyl to zebrafish (*Danio rerio*).

Multifactorial theory applied to the neurotoxicity of paraquat and paraquat-induced mechanisms of developing Parkinson's disease.

Biological responses of wheat (*Triticum aestivum*) plants to the herbicide simetryne in soils.

Urm1: an essential regulator of JNK signaling and oxidative stress in *Drosophila melanogaster*.

Palmoplantar keratoses and Bowen's disease in a Vietnam veteran: Could Agent Blue be implicated?

Serial ammonia measurement in patients poisoned with glufosinate ammonium herbicide.

Paraquat Induces Cell Death Through Impairing Mitochondrial Membrane Permeability.

The chemopreventive potential of lycopene against atrazine-induced cardiotoxicity: modulation of ionic homeostasis.

Superoxide Dismutase (SOD)-mimetic M40403 Is Protective in Cell and Fly Models of Paraquat Toxicity: IMPLICATIONS FOR PARKINSON DISEASE.

Hyperamylasemia as an Early Predictor of Mortality in Patients with Acute Paraquat Poisoning.

Health Care for Certain Children of Vietnam Veterans and Certain Korea Veterans--Covered Birth Defects and Spina Bifida. Final rule.

Intravenous lipid emulsion in treatment of cardiocirculatory disturbances caused by glyphosate-surfactant herbicide poisoning.

Acute paraquat exposure determines dose-dependent oxidative injury of multiple organs and metabolic dysfunction in rats: impact on exercise tolerance.

Advances in the mechanism of paraquat-induced pulmonary injury.

Occupational Exposure to Pesticides With Occupational Sun Exposure Increases the Risk for Cutaneous Melanoma.

Paraquat Poisoning in Patients With HIV Infection: A Case Report and Literature Review.

Activating Peroxisome Proliferator-Activated Receptors (PPARs): a New Sight for Chrysophanol to Treat Paraquat-Induced Lung Injury.

Hepatic effects of the clomazone herbicide in both its free form and associated with chitosan-alginate nanoparticles in bullfrog tadpoles.

Protective Effects of Apigenin Against Paraquat-Induced Acute Lung Injury in Mice.

Lycopene protects against atrazine-induced hepatotoxicity through modifications of cytochrome P450 enzyme system in microsomes.

Magnitude and characteristics of acute paraquat- and diquat-related illnesses in the US: 1998-2013.

Atrazine and malathion shorten the maturation process of *Xenopus laevis* oocytes and have an adverse effect on early embryo development.

Impact of paraquat regulation on suicide in South Korea.

Exposure to different glyphosate formulations on the oxidative and histological status of *Rhombia quelen*.

External validation of the prognostic index in acute paraquat poisoning.

Unfractionated bone marrow cells attenuate paraquat-induced glomerular injury and acute renal failure by modulating the inflammatory response.

Atrazine exposure causes mitochondrial toxicity in liver and muscle cell lines.

Combined Effects of Pesticides and Trematode Infections on Hourglass Tree Frog *Polypedates cruciger*.

Environmental factors in the development of autism spectrum disorders.

Survival, Reproduction, Avoidance Behavior and Oxidative Stress Biomarkers in the Earthworm *Oecolasion cyaneum* Exposed to Glyphosate.

Dietary administration of diquat for 13 weeks does not result in a loss of dopaminergic neurons in the substantia nigra of C57BL/6J mice.

Exposure to a glyphosate-based herbicide during pregnancy and lactation induces neurobehavioral alterations in rat offspring.

Melatonin inhibits paraquat-induced cell death in bovine preimplantation embryos.

Acute and long-term ocular effects of acrolein vapor on the eyes and potential therapies.

Adverse Outcomes Associated with Cigarette Smoke Radicals Related to Damage to Protein-disulfide Isomerase.

Concerns over use of glyphosate-based herbicides and risks associated with exposures: a consensus statement.

To explore the characteristics of fatality in children poisoned by paraquat--with analysis of 146 cases.

Quantitative Evaluation of Changes in the Striatal Astrocyte Axons in Simulated Parkinsonism.

Mechanism of Developmental Effects in Rats Caused by an N-Phenylimide Herbicide: Transient Fetal Anemia and Sequelae during Mid-to-Late Gestation.

Acute paraquat exposure impairs colonic motility by selectively attenuating nitrergic signalling in the mouse.

Survival and Growth of Freshwater Pulmonate and Nonpulmonate Snails in 28-Day Exposures to Copper, Ammonia, and Pentachlorophenol.

Changes in the metabolome of rats after exposure to arginine and N-carbamylglutamate in combination with diquat, a compound that causes oxidative stress, assessed by ¹H NMR spectroscopy.

Constitutive active/androstane receptor, peroxisome proliferator-activated receptor α , and cytotoxicity are involved in oxadiazon-induced liver tumor development in mice.

Perturbations in polar lipids, starvation survival and reproduction following exposure to unsaturated fatty acids or environmental toxicants in *Daphnia magna*.

Acrolein-mediated conduction loss is partially restored by K^+ channel blockers.

Dioxins and cytogenetic status of villagers after 40 years of agent Orange application in Vietnam.

Acute Atrazine Exposure has Lasting Effects on Chemosensory Responses to Food Odors in Crayfish (*Orconectes virilis*).

Common and distinct mechanisms of induced pulmonary fibrosis by particulate and soluble chemical fibrogenic agents.

Using species sensitivity distribution approach to assess the risks of commonly detected agricultural pesticides to Australia's tropical freshwater ecosystems.

Transcriptional profiles of glutathione-S-Transferase isoforms, Cyp, and AOE genes in atrazine-exposed zebrafish embryos.

Toxicity of AMPA to the earthworm *Eisenia andrei* Bouché, 1972 in tropical artificial soil.

Chronic Exposure to Diquat Causes Reproductive Toxicity in Female Mice.

Radix puerariae extracts ameliorate paraquat-induced pulmonary fibrosis by attenuating follistatin-like 1 and nuclear factor erythroid 2p45-related factor-2 signalling pathways through downregulation of miRNA-21 expression.

The tobacco smoke component acrolein induces glucocorticoid resistant gene expression via inhibition of histone deacetylase.

Concurrent Hemoperfusion and Hemodialysis in Patients with Acute Pesticide Intoxication.

The characteristics of emergency department presentations related to acute herbicide or insecticide poisoning in South Korea between 2011 and 2014.

Carbonyl Compounds in the Gas Phase of Cigarette Mainstream Smoke and Their Pharmacological Properties.

Early Stage Blood Purification for Paraquat Poisoning: A Multicenter Retrospective Study.

Neurology in the Vietnam War.

Systematic review and meta-analysis of glyphosate exposure and risk of lymphohematopoietic cancers.

[The protective effect of bone marrow mesenchymal stem cells carrying antioxidant gene superoxide dismutase on paraquat lung injury in mice].

Bioactive Peptides from *Angelica sinensis* Protein Hydrolyzate Delay Senescence in *Caenorhabditis elegans* through Antioxidant Activities.

Anthocyanins Protect SK-N-SH Cells Against Acrolein-Induced Toxicity by Preserving the Cellular Redox State.

KLF2 and caveolin-1 as early indicators of acute lung injury induced by paraquat.

Effects of high doses of dexamethasone on hemodynamic and immunohistochemical characteristics of acute paraquat intoxication in rat kidneys.

Low-Dose *Aronia melanocarpa* Concentrate Attenuates Paraquat-Induced Neurotoxicity.

Diquat associated with copper sources for algae control: Efficacy and ecotoxicology.

Evidence of neuroprotective effects of saffron and crocin in a *Drosophila* model of parkinsonism.

A multicenter retrospective survey of poisoning after ingestion of herbicides containing glyphosate potassium salt or other glyphosate salts in Japan.

Neuronal development and axon growth are altered by glyphosate through a WNT non-canonical signaling pathway.

Paraquat induce pulmonary epithelial-mesenchymal transition through transforming growth factor- β 1-dependent mechanism.

A long-term assessment of pesticide mixture effects on aquatic invertebrate communities.

Lycopene protects against atrazine-induced hepatic ionic homeostasis disturbance by modulating ion-transporting ATPases.

Successful Extracorporeal Life Support in a Case of Severe Glyphosate-Surfactant Intoxication.

Effects of Neonicotinoids on Promoter-Specific Expression and Activity of Aromatase (CYP19) in Human Adrenocortical Carcinoma (H295R) and Primary Umbilical Vein Endothelial (HUVEC) Cells.

Metabolic changes in rat urine after acute paraquat poisoning and discriminated by support vector machine.

Suspected poisoning of domestic animals by pesticides.

Effects of the terbuthylazine metabolite terbuthylazine-desethyl on common carp embryos and larvae.

Tumor necrosis factor- α induced protein 6 attenuates acute lung injury following paraquat exposure.

Skin diseases associated with Agent Orange and other organochlorine exposures.

Effects of the herbicide dicamba on nontarget plants and pollinator visitation.

Pesticide use and risk of end-stage renal disease among licensed pesticide applicators in the Agricultural Health Study.

Chloroquine rescues A549 cells from paraquat-induced death.

Association between arsenic exposure and thyroid function: data from NHANES 2007-2010.

Amphibian (*Euphylyctis cyanophlyctis*) in vitro ovarian culture system to assess impact of aquatic agrochemical contaminants on female reproduction.

Metabolomic Analysis Provides Insights on Paraquat-Induced Parkinson-Like Symptoms in *Drosophila melanogaster*.

Comparative toxicity of Paraquat herbicide and some plant extracts in *Lymnaea natalensis* snails.

The effects of resveratrol against trifluralin toxicity in the urinary tract of rats.

Acrolein preferentially damages nucleolus eliciting ribosomal stress and apoptosis in human cancer cells.

Yap1 and Skn7 genetically interact with Rad51 in response to oxidative stress and DNA double-strand break in *Saccharomyces cerevisiae*.

Cinnamaldehyde ameliorates LPS-induced cardiac dysfunction via TLR4-NOX4 pathway: The regulation of autophagy and ROS production.

Cinnamaldehyde, Carvacrol and Organic Acids Affect Gene Expression of Selected Oxidative Stress and Inflammation Markers in IPEC-J2 Cells Exposed to *Salmonella typhimurium*.

Transient receptor potential ankyrin 1 agonists improve intestinal transit in a murine model of postoperative ileus.

Novel broad-spectrum and long-acting parenteral cephalosporins having an acyl cyanamide moiety at the C-3 terminal: Synthesis and structure-activity relationships.

Cx43 Mediates Resistance against MPP⁺-Induced Apoptosis in SH-SY5Y Neuroblastoma Cells via Modulating the Mitochondrial Apoptosis Pathway.

Uremic toxins: some thoughts on acrolein and spermine.

Trans-cinnamaldehyde improves memory impairment by blocking microglial activation through the destabilization of iNOS mRNA in mice challenged with lipopolysaccharide.

Role of phytochemicals in the management of metabolic syndrome.

TRPV1 dysfunction in cystinosis patients harboring the homozygous 57â€%kb deletion.

A neoflavonoid dalsissoal isolated from heartwood of *Dalbergia sissoo* Roxb. has bone forming effects in mice model for osteoporosis.

Evaluation of Commercial Agrochemicals as New Tools for Malaria Vector Control.

Trans-cinnamaldehyde protected PC12 cells against oxygen and glucose deprivation/reperfusion (OGD/R)-induced injury via anti-apoptosis and anti-oxidative stress.

Response to: Neurotoxicity of paraquat and paraquat-induced Parkinson's disease.

Neurotoxicity of paraquat and paraquat-induced mechanisms of developing Parkinson's disease.

Exploring the Transition of Human α -Synuclein from Native to the Fibrillar State: Insights into the Pathogenesis of Parkinson's Disease.

Cinnamaldehyde derivatives inhibit degranulation and inflammatory mediator production in rat basophilic leukemia cells.

Trans-Cinnamaldehyde, An Essential Oil in Cinnamon Powder, Ameliorates Cerebral Ischemia-Induced Brain Injury via Inhibition of Neuroinflammation Through Attenuation of iNOS, COX-2 Expression and NF- κ -B Signaling Pathway.

Selective inhibition of JAK2/STAT1 signaling and iNOS expression mediates the anti-inflammatory effects of coniferyl aldehyde.

Reversal of diabetes-induced behavioral and neurochemical deficits by cinnamaldehyde.

Derivatization Strategy for the Comprehensive Characterization of Endogenous Fatty Aldehydes Using HPLC-Multiple Reaction Monitoring.

Albumin Cys34 adducted by acrolein as a marker of oxidative stress in ischemia-reperfusion injury during hepatectomy.

Membrane lipid peroxidation in neurodegeneration: Role of thrombin and proteinase-activated receptor-1.

Simultaneous Determination and Quantitation of Paraquat, Diquat, Glufosinate and Glyphosate in Postmortem Blood and Urine by LC-MS-MS.

Acrolein metabolites, diabetes and insulin resistance.

Integrated long non-coding RNA analyses identify novel regulators of epithelial-mesenchymal transition in the mouse model of pulmonary fibrosis.

Cardiac-Specific Knockout of ETA Receptor Mitigates Paraquat-Induced Cardiac Contractile Dysfunction.

Formation and Implications of Alpha-Synuclein Radical in Maneb- and Paraquat-Induced Models of Parkinson's Disease.

Cinnamaldehyde and allopurinol reduce fructose-induced cardiac inflammation and fibrosis by attenuating CD36-mediated TLR4/6-IRAK4/1 signaling to suppress NLRP3 inflammasome activation.

A carnosine intervention study in overweight human volunteers: bioavailability and reactive carbonyl species sequestering effect.

Histidine biosynthesis plays a crucial role in metal homeostasis and virulence of *Aspergillus fumigatus*.

Cinnamaldehyde is an effective anti-inflammatory agent for treatment of allergic rhinitis in a rat model.

Cinnamaldehyde modulates LPS-induced systemic inflammatory response syndrome through TRPA1-dependent and independent mechanisms.

Oxidative Stress Triggers Body-Wide Skipping of Multiple Exons of the Spinal Muscular Atrophy Gene.

Inhibition of para-Hydroxyphenylpyruvate Dioxygenase by Analogues of the Herbicide Nitisinone As a Strategy to Decrease Homogentisic Acid Levels, the Causative Agent of Alkaptonuria.

SIRT1 exerts protective effects against paraquat-induced injury in mouse type II alveolar epithelial cells by deacetylating NRF2 in vitro.

HIF-1 α regulates EMT via the Snail and β -catenin pathways in paraquat poisoning-induced early pulmonary fibrosis.

Atrazine reduces the transmission of an amphibian trematode by altering snail and ostracod host-parasite interactions.

3-Aminotriazole protects from CoCl₂-induced ototoxicity by inhibiting the generation of reactive oxygen species and proinflammatory cytokines in mice.

Impact of 3-Amino-1,2,4-Triazole (3-AT)-Derived Increase in Hydrogen Peroxide Levels on Inflammation and Metabolism in Human Differentiated Adipocytes.

[The effect of antioxidants on in vivo and in vitro methemoglobin formation in erythrocytes of patients with Parkinson's disease].

Parkinson-Related LRRK2 Mutation R1628P Enables Cdk5 Phosphorylation of LRRK2 and Upregulates Its Kinase Activity.

Perfluorocarbon attenuates inflammatory cytokines, oxidative stress and histopathologic changes in paraquat-induced acute lung injury in rats.

Calcium carbonate hydrogel construct with cinnamaldehyde incorporated to control inflammation during surgical procedure.

Structural and biochemical abnormalities in the absence of acute deficits in mild primary blast-induced head trauma.

Diet-induced and mono-genetic obesity alter volatile organic compound signature in mice.

Resveratrol protects mice from paraquat-induced lung injury: The important role of SIRT1 and NRF2 antioxidant pathways.

A low toxicity synthetic cinnamaldehyde derivative ameliorates renal inflammation in mice by inhibiting NLRP3 inflammasome and its related signaling pathways.

Exceptions in patterns of arsenic compounds in urine of acute promyelocytic leukaemia patients treated with As₂O₃.

Protective Effect of Astragaloside IV Against Paraquat-Induced Lung Injury in Mice by Suppressing Rho Signaling.

Novel Role of Endogenous Catalase in Macrophage Polarization in Adipose Tissue.

Recent Progress in Analytical Methods for Determination of Urinary 3-Hydroxypropylmercapturic Acid, a Major Metabolite of Acrolein.

[The effect of resveratrol on paraquat-induced acute lung injury in mice and its mechanism].

Toxic acrolein production due to Ca²⁺ influx by the NMDA receptor during stroke.

Mutant characterization and in vivo conditional repression identify aromatic amino acid biosynthesis to be essential for *Aspergillus fumigatus* virulence.

Influence of Temperature on the Thyroidogenic Effects of Diuron and Its Metabolite 3,4-DCA in Tadpoles of the American Bullfrog (*Lithobates catesbeianus*).

Response to the Letter to the Editor: "Mitochondria isolated from the striatum of the brain exhibit a higher degree of oxidative phosphorylation coupling, which shows that they are not subject to energetic dysfunction upon acute paraquat administration".

Mitochondria isolated from the striatum brain of acute paraquat treated rats exhibit a higher degree of oxidative phosphorylation coupling, which shows that they are not subject to energetic dysfunction upon acute paraquat administration.

Polymorphic variants of MRP4/ABCC4 differentially modulate the transport of methylated arsenic metabolites and physiological organic anions.

Chyawanprash, a formulation of traditional Ayurvedic medicine, shows a protective effect on skin photoaging in hairless mice.

Acrolein and thiol-reactive electrophiles suppress allergen-induced innate airway epithelial responses by inhibition of DUOX1 and EGFR.

Sex differences in the reduction of arsenic methylation capacity as a function of urinary total and inorganic arsenic in Mexican children.

Effects of Food Components That Activate TRPA1 Receptors on Mucosal Ion Transport in the Mouse Intestine.

[Effect of heme oxygenase-1 transduced by cell penetrating peptide PEP-1 on renal injury in rats with acute paraquat poisoning].

Comprehensive spectroscopic probing the interaction and conformation impairment of bovine serum albumin (BSA) by herbicide butachlor.

Molecular Responses to Small Regulating Molecules against Huanglongbing Disease.

Arsenic Metabolites, Including N-Acetyl-4-hydroxy-m-arsanilic Acid, in Chicken Litter from a Roxarsone-Feeding Study Involving 1600 Chickens.

Reactive Carbonyl Species Activate Caspase-3-Like Protease to Initiate Programmed Cell Death in Plants.

Effect of two commercial herbicides on life history traits of a human disease vector, *Aedes aegypti*, in the laboratory setting.

Enterobactin as Part of the Oxidative Stress Response Repertoire.

Engineering Enriched Microenvironments with Gradients of Platelet Lysate in Hydrogel Fibers.

The Impact of Glyphosate, Its Metabolites and Impurities on Viability, ATP Level and Morphological changes in Human Peripheral Blood Mononuclear Cells.

Overexpression of human SOD1 in VDAC1-less yeast restores mitochondrial functionality modulating beta-barrel outer membrane protein genes.

Both foliar and residual applications of herbicides that inhibit amino acid biosynthesis induce alternative respiration and aerobic fermentation in pea roots.

PBPK Model for Atrazine and Its Chlorotriazine Metabolites in Rat and Human.

Evaluation of polar organic micropollutants as indicators for wastewater-related coastal water quality impairment.

Protective effect of carnosic acid against paraquat-induced redox impairment and mitochondrial dysfunction in SH-SY5Y cells: Role for PI3K/Akt/Nrf2 pathway.

Arsenic Metabolites and Methylation Capacity Among Individuals Living in a Rural Area with Endemic Arseniasis in Inner Mongolia, China.

[The expressions of intercellular adhesion molecule-1 in renal tissue of rats with paraquat poisoning and the effect of melatonin].

Impaired ergosterol biosynthesis mediated fungicidal activity of Co(II) complex with ligand derived from cinnamaldehyde.

Effects of Bleaching by Nitrogen Deficiency on the Quantum Yield of Photosystem II in *Synechocystis* sp. PCC 6803 Revealed by Chl Fluorescence Measurements.

Synthesis of docosahexaenoic acid from eicosapentaenoic acid in retina neurons protects photoreceptors from oxidative stress.

Arsenic speciation and susceptibility to oxidative stress in the fanworm *Sabella spallanzanii* (Gmelin) (Annelida, Sabellidae) under naturally acidified conditions: An in situ transplant experiment in a Mediterranean CO₂ vent system.

Inhibitory effect and enzymatic analysis of E-cinnamaldehyde against sclerotinia carrot rot.

Cytoprotective Effect of Makgeolli Lees on Paraquat Induced Oxidative Stress in A549 Cells via Activation of NRF2 and Antioxidant Genes.

Serum concentrations of chlorinated dibenzo-p-dioxins, furans and PCBs, among former phenoxy herbicide production workers and firefighters in New Zealand.

Risk assessment of triazine herbicides in surface waters and bioaccumulation of Irgarol and M1 by submerged aquatic vegetation in Southeast Florida.

Critical Role of FoxO1 in Granulosa Cell Apoptosis Caused by Oxidative Stress and Protective Effects of Grape Seed Procyanidin B2.

Appetite-enhancing Effects of trans-Cinnamaldehyde, Benzylacetone and 1-Phenyl-2-butanone by Inhalation.

Candesartan ameliorates arsenic-induced hypertensive vascular remodeling by regularizing angiotensin II and TGF-beta signaling in rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) role in hematopoiesis and in hematologic diseases: A critical review.

Disseminated tungiasis in a 78-year-old woman from Tanzania: a case report.

Semilobar holoprosencephaly in a 12-month-old baby boy born to a primigravida patient with type 1 diabetes mellitus: a case report.

Hypothalamic L-Histidine Decarboxylase Is Up-Regulated During Chronic REM Sleep Deprivation of Rats.

The Role of Mitochondrial Aldehyde Dehydrogenase 2 (ALDH2) in Neuropathology and Neurodegeneration.

Practice guideline summary: Treatment of restless legs syndrome in adults: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology.

Neuropathic organophosphates: from Scrugham, Heim and Lorot to Jake leg paralysis.

Early Changes of Peripheral Blood Lymphocyte Subpopulations in Patients with Occupational 2,4-dinitrophenol Poisoning.

Ayurvedic Amalaki Rasayana promotes improved stress tolerance and thus has anti-aging effects in *Drosophila melanogaster*.

Mortality risk among workers with exposure to dioxins.

Protein-bound toxins: has the Cinderella of uraemic toxins turned into a princess?

Inhibitory effects of norlignans isolated from *Anemarrhena asphodeloides* on degranulation of rat basophilic leukemia-2H3 cells.

Aryl Hydrocarbon Receptor Ligands in Cigarette Smoke Induce Production of Interleukin-22 to Promote Pancreatic Fibrosis in Models of Chronic Pancreatitis.

Exposure to polychlorinated biphenyls and prostate cancer: population-based prospective cohort and experimental studies.

Pomegranate protects against arsenic-induced p53-dependent ROS-mediated inflammation and apoptosis in liver cells.

Expression of Prx1 and Tcf4 is decreased in the diaphragmatic muscle connective tissue of nitrofen-induced congenital diaphragmatic hernia.

Downregulation of Forkhead box F1 gene expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Decreased Desmin expression in the developing diaphragm of the nitrofen-induced congenital diaphragmatic hernia rat model.

From the Cover: Coagulation-Driven Hepatic Fibrosis Requires Protease Activated Receptor-1 (PAR-1) in a Mouse Model of TCDD-Elicited Steatohepatitis.

Collagen analysis of the ascending aortic dilatation associated with bicuspid aortic valve disease compared with tricuspid aortic valve.

Dose-Dependent Metabolic Reprogramming and Differential Gene Expression in TCDD-Elicited Hepatic Fibrosis.

Association of GSTT1 and GSTM1 gene polymorphisms with coronary artery disease in North Indian Punjabi population: a case-control study.

Different modes of synergistic toxicities between metam/copper (II) and metam/zinc (II) in HepG2 cells: apoptosis vs. necrosis.

p-Cresyl sulfate affects the oxidative burst, phagocytosis process, and antigen presentation of monocyte-derived macrophages.

[A case report of methyl bromide poisoning cause peripheral nerve damage].

Association of Arsenic Methylation Capacity with Developmental Delays and Health Status in Children: A Prospective Case-Control Trial.

Low-level environmental arsenic exposure correlates with unexplained male infertility risk.

Oral Toxicity of 2,4-Dinitroanisole in Rats.

Effects of wheat-flour biscuits fortified with iron and EDTA, alone and in combination, on blood lead concentration, iron status, and cognition in children: a double-blind randomized controlled trial.

Communities of endophytic microorganisms in different developmental stages from a local variety as well as transgenic and conventional isogenic hybrids of maize.

Passive exposure to agricultural pesticides and risk of childhood leukemia in an Italian community.

Phase I and pharmacokinetic evaluation of the anti-telomerase agent KML-001 with cisplatin in advanced solid tumors.

Exposure to polychlorinated biphenyl-153 decreases incidence of autoimmune Type 1 diabetes in non-obese diabetic mice.

Lipocalin 2 as a new biomarker for fetal lung hypoplasia in congenital diaphragmatic hernia.

An Aryl Hydrocarbon Receptor-Mediated Amplification Loop That Enforces Cell Migration in ER-/PR-/Her2- Human Breast Cancer Cells.

A comparison of biomarker responses in juvenile diploid and triploid African catfish, *Clarias gariepinus*, exposed to the pesticide butachlor.

Is hepatic oxidative stress a main driver of dietary selenium toxicity in white sturgeon (*Acipenser transmontanus*)?

The cardioprotective effect of melatonin and exendin-4 treatment in a rat model of cardiorenal syndrome.

Organochlorine contaminants in the muscle, liver and brain of seabirds (*Larus*) from the coastal area of the Southern Baltic.

Syndromic microphthalmia-3 caused by a mutation on gene *SOX2* in a Colombian male patient.

LC-MS/MS method for simultaneous determination of serum p-cresyl sulfate and indoxyl sulfate in patients undergoing peritoneal dialysis.

Can Iron Treatments Aggravate Epistaxis in Some Patients With Hereditary Hemorrhagic Telangiectasia?

Methyl Iodide Exposure Presenting as Severe Chemical Burn Injury with Neurological Complications and Prolonged Respiratory Insufficiency.

Electrophoretic stacking for sensitive determination of antibiotic ceftazidime in human blood and microdialysates from diabetic foot.

N-acetylcysteine and meso-2,3-dimercaptosuccinic acid alleviate oxidative stress and hepatic dysfunction induced by sodium arsenite in male rats.

Reduced stress granule formation and cell death in fibroblasts with the A382T mutation of *TARDBP* gene: evidence for loss of TDP-43 nuclear function.

Combination screening in vitro identifies synergistically acting KP372-1 and cytarabine against acute myeloid leukemia.

Acute Nonoccupational Pesticide-Related Illness and Injury - United States, 2007-2011.

Metabolomics approach reveals metabolic disorders and potential biomarkers associated with the developmental toxicity of tetrabromobisphenol A and tetrachlorobisphenol A.

Carbamylated Low-Density Lipoproteins Induce a Prothrombotic State Via LOX-1: Impact on Arterial Thrombus Formation In Vivo.

Attempted Suicide: A Cross-Sectional Survey 2015.

Modern Strategy for Identification of Congenital Heart Defects in the Neonatal Period.

Pseudomelanosis duodeni: is there a common denominator?

Atorvastatin attenuates p-cresyl sulfate-induced atherogenesis and plaque instability in ApoE knockout mice.

Efficacy and safety of adjuvant recombinant human erythropoietin and ferrous sulfate as treatment for iron deficiency anemia during the third trimester of pregnancy.

The effects of fat loss after bariatric surgery on inflammation, serum hepcidin, and iron absorption: a prospective 6-mo iron stable isotope study.

Preconditioning of mesenchymal stem cells with 2,4-dinitrophenol improves cardiac function in infarcted rats.

Clinically relevant timing of antenatal sildenafil treatment reduces pulmonary vascular remodeling in congenital diaphragmatic hernia.

Hypoxic Preconditioning Improves the Therapeutic Potential of Aging Bone Marrow Mesenchymal Stem Cells in Streptozotocin-Induced Type-1 Diabetic Mice.

Decreased expression of hepatocyte growth factor in the nitrofen model of congenital diaphragmatic hernia.

Para-Dichlorobenzene Exposure Is Associated with Thyroid Dysfunction in US Adolescents.

Arsenic and subclinical vascular damage in a sample of Italian young adults: a cross-sectional analysis.

Polyuria-associated hydronephrosis induced by xenobiotic chemical exposure in mice.

Antimicrobial photodynamic inactivation: a bright new technique to kill resistant microbes.

From the Cover: Tetrachlorobenzoquinone Exerts Neurological Proinflammatory Activity by Promoting HMGB1 Release, Which Induces TLR4 Clustering within the Lipid Raft.

Improved pulmonary function in the nitrofen model of congenital diaphragmatic hernia following prenatal maternal dexamethasone and/or sildenafil.

Reduction of dioxin-like toxicity in effluents by additional wastewater treatment and related effects in fish.

Potential interactions among disease, pesticides, water quality and adjacent land cover in amphibian habitats in the United States.

Halogenated carbazoles induce cardiotoxicity in developing zebrafish (*Danio rerio*) embryos.

Relationship of polychlorinated biphenyls (PCBs) with parasitism, iron homeostasis, and other health outcomes: Results from a cross-sectional study on recently arrived African immigrants.

Hypermetabolism in B-lymphocytes from malignant hyperthermia susceptible individuals.

Intestinal microbiota in pediatric patients with end stage renal disease: a Midwest Pediatric Nephrology Consortium study.

Paired suicide in a young refugee couple on the Thai-Myanmar border.

Attenuative role of mangiferin in oxidative stress-mediated liver dysfunction in arsenic-intoxicated murines.

Environmental Exposures and Parkinson's Disease.

Effects of reduced mitochondrial DNA content on secondary mitochondrial toxicant exposure in *Caenorhabditis elegans*.

p-Cresyl sulfate promotes the formation of atherosclerotic lesions and induces plaque instability by targeting vascular smooth muscle cells.

The influence of maternal dietary exposure to dioxins and PCBs during pregnancy on ADHD symptoms and cognitive functions in Norwegian preschool children.

Common Bean Leaves as a Source of Dietary Iron: Functional Test in an Iron-Deficient Rat Model.

Osler-Weber-Rendu syndrome.

Octopamine stabilizes conduction reliability of an unmyelinated axon during hypoxic stress.

Antenatal Saireito (TJ-114) Can Improve Pulmonary Hypoplasia and Pulmonary Vascular Remodeling in Nitrofen-Induced Congenital Diaphragmatic Hernia.

Death within 44 days of 2,4-dinitrophenol intake.

How sodium arsenite improve amyloid β^2 -induced memory deficit?

Semen characteristics and sperm morphology of *Pistia stratiotes* Linn. (Araceae) protected male albino rats (Wistar strain) exposed to sodium arsenite.

Red light of the visual spectrum attenuates cell death in culture and retinal ganglion cell death *in situ*.

Hydrolysed inulin alleviates the azoxymethane-induced preneoplastic aberrant crypt foci by altering selected intestinal microbiota in Sprague-Dawley rats.

Chronic Arsenic Exposure-Induced Oxidative Stress is Mediated by Decreased Mitochondrial Biogenesis in Rat Liver.

2,3,7,8-Tetrachlorodibenzo-p-dioxin has both pro-carcinogenic and anti-carcinogenic effects on neuroendocrine prostate carcinoma formation in TRAMP mice.

Could the erythrocyte indices or serum ferritin predict the therapeutic response to a trial with oral iron during pregnancy? Results from the Accuracy study for Maternal Anaemia diagnosis (AMA).

Effects of solmach on alcohol hangover model in mice.

Fowler's Solution and the Evolution of the Use of Arsenic in Modern Medicine.

A bedside test for methemoglobinemia, Sri Lanka.

Heme Iron Concentrate and Iron Sulfate Added to Chocolate Biscuits: Effects on Hematological Indices of Mexican Schoolchildren.

Histone acetylation is involved in TCDD-induced cleft palate formation in fetal mice.

TCDD modulation of gut microbiome correlated with liver and immune toxicity in streptozotocin (STZ)-induced hyperglycemic mice.

Effect of a sustained difference in hemodialytic clearance on the plasma levels of p-cresol sulfate and indoxyl sulfate.

In vitro and in vivo effects of the phytohormone inhibitor fluridone against *Neospora caninum* infection.

Balneotherapy in rheumatoid arthritis-a systematic review.

Hexachlorobenzene modulates the crosstalk between the aryl hydrocarbon receptor and transforming growth factor- β 1 signaling, enhancing human breast cancer cell migration and invasion.

Genome-wide association study identifies novel susceptibility loci for cutaneous squamous cell carcinoma.

Comparison of the Efficacies of Parenteral Iron Sucrose and Oral Iron Sulfate for Anemic Patients with Inflammatory Bowel Disease in Korea.

Colon-derived uremic biomarkers induced by the acute toxicity of Kansui radix: A metabolomics study of rat plasma and intestinal contents by UPLC-QTOF-MS(E).

Effects of Fe-YM1504 on iron deficiency anemia in rats.

Metabolism, Protein Binding, and Renal Clearance of Microbiota-Derived p-Cresol in Patients with CKD.

METABOLIC DYSBIOSIS OF THE GUT MICROBIOTA AND ITS BIOMARKERS.

Previously Unclassified Mutation of mtDNA m.3472T>C: Evidence of Pathogenicity in Leber's Hereditary Optic Neuropathy.

[Acute poisoning by pesticides in children].

Physiological Aspects of Female Fertility: Role of the Environment, Modern Lifestyle, and Genetics.

Oxygen consumption deficit in Huntington disease mouse brain under metabolic stress.

Elucidating the chemical structure of native 1-deoxysphingosine.

Dioxin-like pollutants increase hepatic flavin containing monooxygenase (FMO3) expression to promote synthesis of the pro-atherogenic nutrient biomarker trimethylamine N-oxide from dietary precursors.

Alterations in glutamate cysteine ligase content in the retina of two retinitis pigmentosa animal models.

Over-expression of fHbp in *Arabdopsis* for development of meningococcal serogroup B subunit vaccine.

Photoactive g-C3 N4 Nanosheets for Light-Induced Suppression of Alzheimer's β -Amyloid Aggregation and Toxicity.

Prenatal methylmercury exposure and language delay at three years of age in the Norwegian Mother and Child Cohort Study.

Decreased expression of miR-33 in fetal lungs of nitrofen-induced congenital diaphragmatic hernia rat model.

Supplementation during pregnancy: beliefs and science.

Nitric oxide and S-nitrosoglutathione function additively during plant immunity.

A Systems Biology Approach Reveals Converging Molecular Mechanisms that Link Different POPs to Common Metabolic Diseases.

Tubular Secretion in CKD.

Defining the Relationships Among Retinal Function, Layer Thickness and Visual Behavior During Oxidative Stress-Induced Retinal Degeneration.

Slow intestinal transit contributes to elevate urinary p-cresol level in Italian autistic children.

Increased p-cresyl sulfate level is independently associated with poor outcomes in patients with heart failure.

Endocrine-disrupting chemicals, risk of type 2 diabetes, and diabetes-related metabolic traits: A systematic review and meta-analysis.

Inducing autotetraploids in cassava using oryzalin and colchicine and their in vitro morphophysiological effects.

Is selective prenatal iron prophylaxis better than routine prophylaxis: final results of a trial (PROFEG) in Maputo, Mozambique.

Alu retrotransposons promote differentiation of human carcinoma cells through the aryl hydrocarbon receptor.

In vitro effect of sodium arsenite on *Echinococcus granulosus* protoscoleces.

Detection of Melanoma Cancer Biomarker Dimethyl Disulfide Using Cavity Ringdown Spectroscopy at 266 nm.

Hypersensitivity Pneumonitis.

Associations among chronic kidney disease, high total p-cresylsulfate and left ventricular systolic dysfunction.

Decreased expression of monocarboxylate transporter 1 and 4 in the branching airway epithelium of nitrofen-induced congenital diaphragmatic hernia.

Combined antenatal therapy with retinoic acid and tracheal occlusion in a rat model of congenital diaphragmatic hernia.

Association of dioxins, furans and dioxin-like PCBs in human blood with nephropathy among US teens and young adults.

Involvement of Mouse Constitutive Androstane Receptor in Acifluorfen-Induced Liver Injury and Subsequent Tumor Development.

The effect of ferrous-chelating hairtail peptides on iron deficiency and intestinal flora in rats.

Aryl hydrocarbon receptor knockout rats are insensitive to the pathological effects of repeated oral exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Metabonomic study of the fruits of *Alpinia oxyphylla* as an effective treatment for chronic renal injury in rats.

Definite hereditary hemorrhagic telangiectasia in a 60-year-old black Kenyan woman: a case report.

[Clinical value of serum presepsin (SCD14-ST) concentration measurement in patients with pesticide poisoning].

Source memory in rats is impaired by an NMDA receptor antagonist but not by PSD95-nNOS protein-protein interaction inhibitors.

[Role of nuclear factor E2 related factor 2 signaling pathway in malignant transformation induced by sodium arsenite].

Microbial-Derived Metabolites Reflect an Altered Intestinal Microbiota during Catch-Up Growth in Undernourished Neonatal Mice.

Maternal dietary exposure to dioxins and polychlorinated biphenyls (PCBs) is associated with language delay in 3year old Norwegian children.

Increased c-kit and stem cell factor expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

A novel orellanine containing mushroom *Cortinarius armillatus*.

Digoxin reduces atherosclerosis in apolipoprotein E-deficient mice.

Resistant starch alters gut microbiome and metabolomic profiles concurrent with amelioration of chronic kidney disease in rats.

Immunomodulation By Subchronic Low Dose 2,3,7,8-Tetrachlorodibenzo-p-Dioxin in Experimental Autoimmune Encephalomyelitis in the Absence of Pertussis Toxin.

The transcriptome of nitrofen-induced pulmonary hypoplasia in the rat model of congenital diaphragmatic hernia.

Free p-Cresol Alters Neutrophil Function in Dogs.

Altered intestinal microbial flora and impaired epithelial barrier structure and function in CKD: the nature, mechanisms, consequences and potential treatment.

Protective effects of melatonin against arsenic-induced apoptosis and oxidative stress in rat testes.

Ah receptor expression in cardiomyocytes protects adult female mice from heart dysfunction induced by TCDD exposure.

Traditional Arabic Palestinian ethnoveterinary practices in animal health care: A field survey in the West Bank (Palestine).

Investigating paternal preconception risk factors for adverse pregnancy outcomes in a population of internet users.

Association between Parkinson's Disease and Cigarette Smoking, Rural Living, Well-Water Consumption, Farming and Pesticide Use: Systematic Review and Meta-Analysis.

Beware the yellow slimming pill: fatal 2,4-dinitrophenol overdose.

Repurposing an orally available drug for the treatment of geographic atrophy.

Public health and international drug policy.

Use of microbial fuel cells to monitor current production in Qi-deficient liver cells.

A Randomized Noninferiority Trial of Intravenous Iron Isomaltoside versus Oral Iron Sulfate in Patients with Nonmyeloid Malignancies and Anemia Receiving Chemotherapy: The PROFOUND Trial.

In Utero and Lactational TCDD Exposure Increases Susceptibility to Lower Urinary Tract Dysfunction in Adulthood.

Development and validation of a LC-MS/MS method for quantitative analysis of uraemic toxins p-cresol sulphate and indoxyl sulphate in saliva.

Pur-alpha regulates cytoplasmic stress granule dynamics and ameliorates FUS toxicity.

SCO2 Mediates Oxidative Stress-Induced Glycolysis to Oxidative Phosphorylation Switch in Hematopoietic Stem Cells.

Antenatal retinoic acid administration increases trophoblastic retinol-binding protein dependent retinol transport in the nitrofen model of congenital diaphragmatic hernia.

A reply to Wang T, Shan L, Du L, Feng J, Xu Z, Staal WG, Jia F. Serum concentration of 25-hydroxyvitamin D in autism spectrum disorder: a systematic review and meta-analysis. *Eur Child Adolesc Psychiatry*. 2015; doi: 10.1007/s00787-015-0786-1.

Gut microbiome in chronic kidney disease.

Long-term arsenite exposure induces premature senescence in B cell lymphoma A20 cells.

Comparative experimental investigation on the efficacy of mono- and multiprobiotic strains in non-alcoholic fatty liver disease prevention.

A ratiometric electrochemiluminescence detection for cancer cells using g-C3N4 nanosheets and Ag-PAMAM-luminol nanocomposites.

Association between Blood Dioxin Level and Chronic Kidney Disease in an Endemic Area of Exposure.

Effects of Dang-Gui-Bu-Xue-Tang, an herbal decoction, on iron uptake in iron-deficient anemia.

Untargeted plasma and tissue metabolomics in rats with chronic kidney disease given AST-120.

[Effects of Tetrandrine Prenatal Intervention on Alveolar Epithelial Cells Type I Differentiation in Rat Model of Nitrofen-induced Congenital Diaphragmatic Hernia].

Iron Treatment Strategies in Nondialysis CKD.

[Incidence and risk factors associated with nosocomial infection in pediatric heart surgery].

Particle Size, Surface Area, and Amorphous Content as Predictors of Solubility and Bioavailability for Five Commercial Sources of Ferric Orthophosphate in Ready-To-Eat Cereal.

Evaluation of Safety of Iron-Fortified Soybean Sprouts, a Potential Component of Functional Food, in Rat.

Aminomethylphosphonic acid inhibits growth and metastasis of human prostate cancer in an orthotopic xenograft mouse model.

Indoxyl sulfate, not p-cresyl sulfate, is associated with cognitive impairment in early-stage chronic kidney disease.

Protective effects of a grape-supplemented diet in a mouse model of retinal degeneration.

County-level pesticide use and risk of shortened gestation and preterm birth.

Lactational exposure of mice to low levels of non-dioxin-like polychlorinated biphenyls increases susceptibility to neuronal stress at a mature age.

Oral nanoparticulate curcumin combating arsenic-induced oxidative damage in kidney and brain of rats.

5-Aminolevulinic acid combined with ferrous iron ameliorate ischemia-reperfusion injury in the mouse fatty liver model.

Urban Endocrine Disruptors Targeting Breast Cancer Proteins.

Synbiotics Easing Renal Failure by Improving Gut Microbiology (SYNERGY): A Randomized Trial.

Evaluation of cytotoxicity and genotoxicity of *Hancornia speciosa* latex in *Allium cepa* root model.

Sulforaphane exerts its anti-inflammatory effect against amyloid- β^2 peptide via STAT-1 dephosphorylation and activation of Nrf2/HO-1 cascade in human THP-1 macrophages.

Effects of dioxin-related compounds on bone mineral density in patients affected by the Yusho incident.

Expression of hepatic lipid droplets is decreased in the nitrofen model of congenital diaphragmatic hernia.

Upregulation of S1P1 and Rac1 receptors in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

The Role of Activin Receptor-Like Kinase 1 Signaling in the Pulmonary Vasculature of Experimental Diaphragmatic Hernia.

Possible role of increased oxidative stress in pulmonary hypertension in experimental diaphragmatic hernia.

Mesenchymal expression of the FRAS1/FREM2 gene unit is decreased in the developing fetal diaphragm of nitrofen-induced congenital diaphragmatic hernia.

p-Cresyl sulfate is associated with carotid arteriosclerosis in hemodialysis patients and promotes atherogenesis in apoE^{-/-} mice.

Gene Expression of FRAS1-Related Extracellular Matrix 1 Is Decreased in Nitrofen-Induced Congenital Diaphragmatic Hernia.

Prenatal exposure to persistent organic pollutants and offspring allergic sensitization and lung function at 20 years of age.

Effects of a Tripeptide Iron on Iron-Deficiency Anemia in Rats.

Developmental toxicity, EROD, and CYP1A mRNA expression in zebrafish embryos exposed to dioxin-like PCB126.

Impacts of Perinatal Dioxin Exposure on Motor Coordination and Higher Cognitive Development in Vietnamese Preschool Children: A Five-Year Follow-Up.

ATPase-Modulated Stress Granules Contain a Diverse Proteome and Substructure.

Impact of Food Rations and Supplements on Micronutrient Status by Trimester of Pregnancy: Cross-Sectional Studies in the Mae La Refugee Camp in Thailand.

Therapeutic evaluation of HIV transduction basic domain-conjugated superoxide dismutase solution on suppressive effects of the formation of peroxynitrite and expression of COX-2 in murine skin.

A procoagulant chemically sulfated mannan.

Exaggerated arsenic nephrotoxicity in female mice through estrogen-dependent impairments in the autophagic flux.

Endoplasmic reticulum stress is involved in 2,4-dichlorophenol-induced hepatotoxicity.

Activation of ALDH2 with Low Concentration of Ethanol Attenuates Myocardial Ischemia/Reperfusion Injury in Diabetes Rat Model.

Melatonergic System in Parkinson's Disease: From Neuroprotection to the Management of Motor and Nonmotor Symptoms.

Deguelin and Its Role in Chronic Diseases.

An Overview on the Role of α -Synuclein in Experimental Models of Parkinson's Disease from Pathogenesis to Therapeutics.

Synthesis and Pharmacological Evaluation of Tetrazolobenzimidazoles as Novel Anti-inflammatory Agents.

Aromatic Hydrocarbon Receptor Suppresses Prostate Cancer Bone Metastasis Cells-Induced Vasculogenesis of Endothelial Progenitor Cells under Hypoxia.

Mass Spectrometric Approaches to the Identification of Potential Ingredients in Cigarette Smoke Causing Cytotoxicity.

Increased Levels of Total p-Cresylsulfate Are Associated with Pruritus in Patients with Chronic Kidney Disease.

[Study on congenital cardiac anomalies induced by arsenic exposure before and during maternal pregnancy in fetal rats].

Chronic TCDD exposure results in the dysregulation of gene expression in splenic B-lymphocytes and in the impairments in T-cell and B-cell differentiation in mouse model.

Synthesis, Characterization & Screening for Anti-Inflammatory & Analgesic Activity of Quinoline Derivatives Bearing Azetidinones Scaffolds.

[Application of Metabolomics to Multiple Chemical Sensitivity Research].

Oligonol Ameliorates CCl₄-Induced Liver Injury in Rats via the NF-Kappa B and MAPK Signaling Pathways.

Tetrachlorobenzoquinone exhibits neurotoxicity by inducing inflammatory responses through ROS-mediated IKK/Î²B/NF-Î²B signaling.

Residential agricultural pesticide exposures and risks of selected birth defects among offspring in the San Joaquin Valley of California.

Initial Serum Ammonia as a Predictor of Neurologic Complications in Patients with Acute Glufosinate Poisoning.

Functional characterization of the RYR1 mutation p.Arg4737Trp associated with susceptibility to malignant hyperthermia.

Sesamin attenuates mast cell-mediated allergic responses by suppressing the activation of p38 and nuclear factor-Î²B.

Protective effects of thymoquinone against apoptosis and oxidative stress by arsenic in rat kidney.

Antipyretic and antimalarial activities of Solenostemon monostachyus.

Prenatal low dosage dioxin (TCDD) exposure impairs cochlear function resulting in auditory neuropathy.

How we diagnose and treat iron deficiency anemia.

PCB126-Induced Disruption in Gluconeogenesis and Fatty Acid Oxidation Precedes Fatty Liver in Male Rats.

The effect of zinc supplementation on pregnancy outcome: a randomized controlled trial.

Associations between urinary concentrations of 2,5-dichlorophenol and metabolic syndrome among non-diabetic adults.

Delayed cognitive and psychiatric symptoms following methyl iodide and manganese poisoning: Potential for misdiagnosis.

Protective Effects of Combined Selenium and Punica granatum Treatment on Some Inflammatory and Oxidative Stress Markers in Arsenic-Induced Hepatotoxicity in Rats.

Lactoferrin versus ferrous sulphate for the treatment of iron deficiency anemia during pregnancy: a randomized clinical trial.

Pharmacokinetics of Ferrous Sulphate (Tardyferon[®]) after Single Oral Dose Administration in Women with Iron Deficiency Anaemia.

Olive oil and its phenolic compounds (hydroxytyrosol and tyrosol) ameliorated TCDD-induced hepatotoxicity in rats via inhibition of oxidative stress and apoptosis.

Oxidative stress-related liver dysfunction by sodium arsenite: Alleviation by Pistacia lentiscus oil.

Epigenetic Regulation of Interleukin 6 by Histone Acetylation in Macrophages and Its Role in Paraquat-Induced Pulmonary Fibrosis.

Riluzole But Not Melatonin Ameliorates Acute Motor Neuron Degeneration and Moderately Inhibits SOD1-Mediated Excitotoxicity Induced Disrupted Mitochondrial Ca²⁺ Signaling in Amyotrophic Lateral Sclerosis.

Characterization of the Clostridium difficile volatile metabolome using comprehensive two-dimensional gas chromatography time-of-flight mass spectrometry.

Effects of PCB 126 and PCB 153 on secretion of steroid hormones and mRNA expression of steroidogenic genes (STAR, HSD3B, CYP19A1) and estrogen receptors (ER¹, ER²) in prehierarchical chicken ovarian follicles.

Tolfenamic acid degradation by direct photolysis and the UV-ABC/H₂O₂ process: factorial design, kinetics, identification of intermediates, and toxicity evaluation.

Haptotactic Plasma Polymerized Surfaces for Rapid Tissue Regeneration and Wound Healing.

Oxidant effects and toxicity of Croton campestris in Drosophila melanogaster.

Low-Chlorinated Non-Dioxin-like Polychlorinated Biphenyls Present in Blood and Breast Milk Induce Higher Levels of Reactive Oxygen Species in Neutrophil Granulocytes than High-Chlorinated Congeners.

Concentrations and spatial patterns of organic contaminants in tree swallow (Tachycineta bicolor) eggs at United States and binational Great Lakes Areas of Concern, 2010-2015.

Person-centered older military veteran care when there are consequences.

Impacts of Acute Exposure of Industrial Chemicals and of Fish (Tilapia Guineensis) Pesticides on The Survival of Fish (Tilapia Guineensis) and Earthworms and Earthworms.

RNA Interference Directed against the Transglutaminase Gene Triggers Dysbiosis of Gut Microbiota in Drosophila.

New perspectives for multi-level regulations of neuronal acetylcholinesterase by dioxins.

Differences in the clinical manifestations and short-term prognosis of acute cerebral infarction after exposure to Agent Orange.

Association of Aryl Hydrocarbon Receptor-Related Gene Variants with the Severity of Autism Spectrum Disorders.

Activation of Nrf2-ARE signaling mitigates cyclophosphamide-induced myelosuppression.

Melatonin Application to *Pisum sativum* L. Seeds Positively Influences the Function of the Photosynthetic Apparatus in Growing Seedlings during Paraquat-Induced Oxidative Stress.

Global metabolic changes induced by plant-derived pyrrolizidine alkaloids following a human poisoning outbreak and in a mouse model.

Protective Effects of Essential Oils as Natural Antioxidants against Hepatotoxicity Induced by Cyclophosphamide in Mice.

Relative effect potency estimates of dioxin-like activity for dioxins, furans, and dioxin-like PCBs in adults based on cytochrome P450 1A1 and 1B1 gene expression in blood.

Dietary micronutrient intake and its relationship with arsenic metabolism in Mexican women.

TRIB3 increases cell resistance to arsenite toxicity by limiting the expression of the glutathione-degrading enzyme CHAC1.

Dietary Omega-3 Polyunsaturated Fatty Acids Prevent Vascular Dysfunction and Attenuate Cytochrome P4501A1 Expression by 2,3,7,8-Tetrachlorodibenzo-P-Dioxin.

Salicylic acid mediates antioxidant defense system and ABA pathway related gene expression in *Oryza sativa* against quinclorac toxicity.

In situ embryo rescue for generation of wide intra- and interspecific hybrids of *Panicum virgatum* L.

Kt/Vurea and Nonurea Small Solute Levels in the Hemodialysis Study.

2,3,7,8-tetrachlorodibenzo-p-dioxin exposure influence the expression of glutamate transporter GLT-1 in C6 glioma cells via the Ca²⁺ /protein kinase C pathway.

Comparative risk assessment of tobacco smoke constituents using the margin of exposure approach: the neglected contribution of nicotine.

Dialysis catheter-related pulmonary embolism in a patient with paraquat intoxication.

1,5-Diazacyclooctanes, as Exclusive Oxidative Polyamine Metabolites, Inhibit Amyloid- β (1-40) Fibrillization.

Endophytic *Trichoderma gamsii* YIM PH30019: a promising biocontrol agent with hyperosmolar, mycoparasitism, and antagonistic activities of induced volatile organic compounds on root-rot pathogenic fungi of *Panax notoginseng*.

Histological and Transcriptomic Changes in Male Zebrafish Testes Due to Early Life Exposure to Low Level 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Tumor necrosis factor receptor-associated protein 1 improves hypoxia-impaired energy production in cardiomyocytes through increasing activity of cytochrome c oxidase subunit II.

Developmental Toxicant Exposure Is Associated with Transgenerational Adenomyosis in a Murine Model.

Formyl peptide receptor modulators: a patent review and potential applications for inflammatory diseases (2012-2015).

Cigarette smoking behaviour and blood metabolomics.

[Recent advance of cytokines in the pathogenesis of lung injury induced by paraquat poisoning].

[Two cases of acute poisoning of paraquat with dursban and paraquat with bromadiolone].

[Effects of chronic exposure to monochloroacetic acid on the lung function and lymphocyte subsets in occupational exposed workers].

Integrating Monitoring and Genetic Methods To Infer Historical Risks of PCBs and DDE to Common and Roseate Terns Nesting Near the New Bedford Harbor Superfund Site (Massachusetts, USA).

Diminished Phosphorylation of CREB Is a Key Event in the Dysregulation of Gluconeogenesis and Glycogenolysis in PCB126 Hepatotoxicity.

Activating Transcription Factor 4 (ATF4)-ATF3-C/EBP Homologous Protein (CHOP) Cascade Shows an Essential Role in the ER Stress-Induced Sensitization of Tetrachlorobenzoquinone-Challenged PC12 Cells to ROS-Mediated Apoptosis via Death Receptor 5 (DR5) Signaling.

Cyclophilin D Is Involved in the Regulation of Autophagy and Affects the Lifespan of *P. anserina* in Response to Mitochondrial Oxidative Stress.

Vam3, a Compound Derived from *Vitis amurensis* Rupr., Attenuated Colitis-Related Tumorigenesis by Inhibiting NF- κ B Signaling Pathway.

Is Parkinson's Disease with History of Agent Orange Exposure Different from Idiopathic Parkinson's Disease?

A simple standard technique for labyrinthectomy in the rat: A methodical communication with a detailed description of the surgical process.

Acrolein, a New Villain in the Development of Alcoholic Liver Disease.

Acrolein Is a Pathogenic Mediator of Alcoholic Liver Disease and the Scavenger Hydralazine Is Protective in Mice.

Preparation and Bioavailability Analysis of Ferrous Bis Alanine Chelate as a New Micronutrient for Treatment of Iron Deficiency Anemia.

Diabetes Impairs the Aldehyde Detoxifying Capacity of the Retina.

Impact of co-exposure with butachlor and triadimefon on thyroid endocrine system in larval zebrafish.

Arsenite suppresses angiogenesis of vascular endothelial cells mediated by Platelet Derived Growth Factor Receptor-beta.

Risk Factors for Herpes Zoster Among Adults.

Signaling mechanisms underlying the glioprotective effects of resveratrol against mitochondrial dysfunction.

Data on AHR-dependent changes in the mitochondrial proteome in response to ,3,7,8-tetrachlorodibenzo-p-dioxin.

Molecular impacts of perfluorinated chemicals (PFASs) in the liver and testis of male largemouth bass (*Micropterus salmoides*) in Minnesota Lakes.

Plasma metabolomics study on toxicity biomarker in rats treated with *Euphorbia fischeriana* based on LC-MS.

Aryl hydrocarbon receptor-ligand axis mediates pulmonary fibroblast migration and differentiation through increased arachidonic acid metabolism.

Molecular Hydrogen Alleviates Cellular Senescence in Endothelial Cells.

Arsenic-induced mitochondrial oxidative damage is mediated by decreased PGC-1 β expression and its downstream targets in rat brain.

Tyrosine Detoxification Is an Essential Trait in the Life History of Blood-Feeding Arthropods.

[Effect of chronic arsenic exposure on mouse brain tissue and serum metabolomics].

Nrf2-dependent protection against acute sodium arsenite toxicity in zebrafish.

Perinatal Exposure to Glufosinate Ammonium Herbicide Impairs Neurogenesis and Neuroblast Migration through Cytoskeleton Destabilization.

Acute kidney injury in patients with paraquat intoxication; a case report and review of the literature.

Association between polymorphisms in arsenic metabolism genes and urinary arsenic methylation profiles in girls and boys chronically exposed to arsenic.

Identification of aryl hydrocarbon receptor signaling pathways altered in TCDD-treated red seabream embryos by transcriptome analysis.

Prophylactic neuroprotective efficiency of co-administration of *Ginkgo biloba* and *Trifolium pretense* against sodium arsenite-induced neurotoxicity and dementia in different regions of brain and spinal cord of rats.

Ablation of the mitochondrial complex IV assembly protein Surf1 leads to increased expression of the UPR(MT) and increased resistance to oxidative stress in primary cultures of fibroblasts.

Mitochondrial-targeted aryl hydrocarbon receptor and the impact of 2,3,7,8-tetrachlorodibenzo-p-dioxin on cellular respiration and the mitochondrial proteome.

Acute Copper and Ascorbic Acid Supplementation Inhibits Non-heme Iron Absorption in Humans.

Oxidative DNA damage enhances the carcinogenic potential of in vitro chronic arsenic exposures.

In vitro activation of dibromoacetonitrile to cyanide by myeloperoxidase.

Embryotoxicity of nitrophenols to the early life stages of zebrafish (*Danio rerio*).

Joint toxic effects of the type-2 alkene electrophiles.

Hepatic Aryl Hydrocarbon Receptor Attenuates Fibroblast Growth Factor 21 Expression.

Metabolic Pathway Involved in 6-Chloro-2-Benzoxazolinone Degradation by *Pigmentiphaga* sp. Strain DL-8 and Identification of the Novel Metal-Dependent Hydrolase CbaA.

The effect of natural organic matter on bioaccumulation and toxicity of chlorobenzenes to green algae.

Multi-tissue metabolic responses of goldfish (*Carassius auratus*) exposed to glyphosate-based herbicide.

Toxic effects of glyphosate-based herbicide, Excel Mera 71 on gill, liver, and kidney of *Heteropneustes fossilis* under laboratory and field conditions.

Alteration of human hepatic drug transporter activity and expression by cigarette smoke condensate.

[The effect and injury to the airways of different sputum aspiration pressure in a rat model of mucus hypersecretion].

Chemopreventive Agents Attenuate Rapid Inhibition of Gap Junctional Intercellular Communication Induced by Environmental Toxicants.

Chronic dietary exposure to pesticide residues and associated risk in the French ELFE cohort of pregnant women.

Monohaloacetic acid drinking water disinfection by-products inhibit follicle growth and steroidogenesis in mouse ovarian antral follicles in vitro.

Effect of retinyl acetate on transglutaminase 2 activity in carcinogen treated rat liver.

Organic micropollutants (OMPs) in natural waters: Oxidation by UV/H₂O₂ treatment and toxicity assessment.

Mitigation of sensory and motor deficits by acrolein scavenger phenelzine in a rat model of spinal cord contusive injury.

Multivariate approach to gill pathology in European sea bass after experimental exposure to cadmium and terbuthylazine.

Conformation of ryanodine receptor-2 gates store-operated calcium entry in rat pulmonary arterial myocytes.

Transgenic Overexpression of Aryl Hydrocarbon Receptor Repressor (AhRR) and AhR-Mediated Induction of CYP1A1, Cytokines, and Acute Toxicity.

Arsenic Exposure Induces Unscheduled Mitotic S Phase Entry Coupled with Cell Death in Mouse Cortical Astrocytes.

A double-blind, randomized, and active-controlled phase III study of Herbiron drink in the treatment of iron-deficiency anemia in premenopausal females in Taiwan.

Development of a mediated whole cell-based electrochemical biosensor for joint toxicity assessment of multi-pollutants using a mixed microbial consortium.

MicroRNA-21 activation of ERK signaling via PTEN is involved in arsenite-induced autophagy in human hepatic L-02 cells.

Protective effect of silymarin on viability, motility and mitochondrial membrane potential of ram sperm treated with sodium arsenite.

p-cresol but not p-cresyl sulfate stimulate MCP-1 production via NF- κ B p65 in human vascular smooth muscle cells.

Predicting the probability of survival in acute paraquat poisoning.

Is exposure to Agent Orange a risk factor for hepatocellular cancer?-A single-center retrospective study in the U.S. veteran population.

Storm-event-transport of urban-use pesticides to streams likely impairs invertebrate assemblages.

Acute cardiopulmonary toxicity of inhaled aldehydes: role of TRPA1.

Correlation between microbial diversity and toxicity of sludge treating synthetic wastewater containing 4-chlorophenol in sequencing batch reactors.

Local connected fractal dimension analysis in gill of fish experimentally exposed to toxicants.

Involvement of endogenous antioxidant systems in the protective activity of pituitary adenylate cyclase-activating polypeptide against hydrogen peroxide-induced oxidative damages in cultured rat astrocytes.

Chiral quizalofop-ethyl and its metabolite quizalofop-acid in soils: Enantioselective degradation, enzymes interaction and toxicity to *Eisenia foetida*.

Exposure to butachlor causes thyroid endocrine disruption and promotion of metamorphosis in *Xenopus laevis*.

Parkinson's Disease and Pesticides Exposure: New Findings From a Comprehensive Study in Nebraska, USA.

Ameliorative effects of docosahexaenoic acid on the toxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in cultured rat hepatocytes.

[Progress on predictors of patients with acute paraquat poisoning].

Defective excitation-contraction coupling is partially responsible for impaired contractility in hindlimb muscles of *Stac3* knockout mice.

Acute toxicity of herbicide (glyphosate) in *Clarias gariepinus* juveniles.

[STRUCTURE OF THE SPLEEN AT CHRONIC INTOXICATION OF THE ORGANISM BY SODIUM TETRABORATE AND AFTER INTOXICATION].

Improvement of banana cv. Rasthali (Silk, AAB) against *Fusarium oxysporum* f.sp. *cubense* (VCG 0124/5) through induced mutagenesis: Determination of LD50 specific to mutagen, explants, toxins and in vitro and in vivo screening for *Fusarium* wilt resistance.

Latent Toxicity of Endothall to Anadromous Salmonids During Seawater Challenge.

Daphnia magna negatively affected by chronic exposure to purified Cry-toxins.

Studies of Hematopoietic Cell Differentiation with a Ratiometric and Reversible Sensor of Mitochondrial Reactive Oxygen Species.

Synthesis and Preclinical Evaluation of ¹¹C-UCB-J as a PET Tracer for Imaging the Synaptic Vesicle Glycoprotein 2A in the Brain.

Aryl hydrocarbon receptor deletion in cerebellar granule neuron precursors impairs neurogenesis.

Aortic smooth muscle cell alterations in mice systemically exposed to arsenic.

Anti-inflammatory Montelukast prevents toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin: Oxidative stress, histological alterations in liver, and serum cytokine levels.

A Rat Model of Alzheimer's Disease Based on Aβ₄₂ and Pro-oxidative Substances Exhibits Cognitive Deficit and Alterations in Glutamatergic and Cholinergic Neurotransmitter Systems.

Safety assessment of a standardized polyphenolic extract of clove buds: Subchronic toxicity and mutagenicity studies.

Highly Selective Fluorescence Determination of the Hematin Level in Human Erythrocytes with No Need for Separation from Bulk Hemoglobin.

Pesticide Mixture Toxicity in Surface Water Extracts in Snails (*Lymnaea stagnalis*) by an in Vitro Acetylcholinesterase Inhibition Assay and Metabolomics.

Rabbit syndrome after taking herbicide containing 2-(4-chloro-2-methylphenoxypropionic) acid.

Treatment of Resistant Cyclophosphamide Induced Haemorrhagic Cystitis: Review of Literature and Three Case Reports.

Polychlorinated biphenyl 126 exposure in L6 myotubes alters glucose metabolism: a pilot study.

Are bee diseases linked to pesticides? - A brief review.

Induced lipid peroxidation in ram sperm: semen profile, DNA fragmentation and antioxidant status.

Contaminant-induced oxidative stress in fish: a mechanistic approach.

Short Chemical Ischemia Triggers Phosphorylation of eIF2 α and Death of SH-SY5Y Cells but not Proteasome Stress and Heat Shock Protein Response in both SH-SY5Y and T98G Cells.

Prenatal Exposure to Arsenic Impairs Behavioral Flexibility and Cortical Structure in Mice.

The Study of Cellular and Molecular Physiological Characteristics of Sperm in Men Living in the Aral Sea Region.

Underestimation of the Maximal Capacity of the Mitochondrial Electron Transport System in Oligomycin-Treated Cells.

Extra virgin olive oil modulates brain docosahexaenoic acid level and oxidative damage caused by 2,4-Dichlorophenoxyacetic acid in rats.

Nanopharmaceutical Approach for Enhanced Anti-cancer Activity of Betulinic Acid in Lung-cancer Treatment via Activation of PARP: Interaction with DNA as a Target: -Anti-cancer Potential of Nano-betulinic Acid in Lung Cancer.

Acute Sodium Arsenite-Induced Hematological and Biochemical Changes in Wistar Rats: Protective Effects of Ethanol Extract of *Ageratum conyzoides*.

Attenuation of hepatotoxicity and oxidative stress in diabetes STZ-induced type 1 by biotin in Swiss albino mice.

Proton-Coupled Organic Cation Antiporter Contributes to the Hepatic Uptake of Matrine.

Lysines, Achilles' heel in alpha-synuclein conversion to a deadly neuronal endotoxin.

Inhibition of ATP synthesis by fenbufen and its conjugated metabolites in rat liver mitochondria.

European sea bass gill pathology after exposure to cadmium and terbuthylazine: expert versus fractal analysis.

How does cigarette smoking cause acute pancreatitis?

The olive leaf extract oleuropein exerts protective effects against oxidant-induced cell death, concurrently displaying pro-oxidant activity in human hepatocarcinoma cells.

2,3,7,8-TCDD-mediated toxicity in peripheral blood mononuclear cells is alleviated by the antioxidants present in *Gelidiella acerosa*: an in vitro study.

Developmental toxicity, oxidative stress, and related gene expression induced by dioxin-like PCB 126 in zebrafish (*Danio rerio*).

SIRT3 Mediates the Antioxidant Effect of Hydrogen Sulfide in Endothelial Cells.

Arsenic and smokeless tobacco induce genotoxicity, sperm abnormality as well as oxidative stress in mice in vivo.

Genetically Modified Foods: A Brief Overview of the Risk Assessment Process.

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) increases human hepatic stellate cell activation.

The Inhibitory Effect of Natural Products on Protein Fibrillation May Be Caused by Degradation Products-
-A Study Using Aloin and Insulin.

Epigallocatechin-3-gallate induces oxidative phosphorylation by activating cytochrome c oxidase in human cultured neurons and astrocytes.

Dual ATPase and GTPase activity of the replication-associated protein (Rep) of beak and feather disease virus.

Paraquat Poisoning: A Case Report.

Novel human hepatic organoid model enables testing of drug-induced liver fibrosis in vitro.

Enhanced AOX accumulation and aquatic toxicity during 2,4,6-trichlorophenol degradation in a Co(II)/peroxymonosulfate/Cl⁻ system.

Ah Receptor Activation by Dioxin Disrupts Activin, BMP, and WNT Signals During the Early Differentiation of Mouse Embryonic Stem Cells and Inhibits Cardiomyocyte Functions.

Mechanisms of thaxtomin A-induced root toxicity revealed by a thaxtomin A sensitive Arabidopsis mutant (ucu2-2/gi-2).

Multistress effects on goldfish (*Carassius auratus*) behavior and metabolism.

Protective Effects of Zinc Against Acute Arsenic Toxicity by Regulating Antioxidant Defense System and Cumulative Metallothionein Expression.

Kolaviron was protective against sodium azide (NaN₃) induced oxidative stress in the prefrontal cortex.

Adolescent pesticide exposures reported to Texas poison centers.

Sodium azide ingestion and secondary contamination risk in healthcare workers.

Paraoxonase 1 activity in subchronic low-level inorganic arsenic exposure through drinking water.

Evaluation of serum markers of blood redox homeostasis and inflammation in PCB naturally contaminated heifers undergoing decontamination.

Evaluation and identification of dioxin exposure biomarkers in human urine by high-resolution metabolomics, multivariate analysis and in vitro synthesis.

The pretransplant systemic metabolic profile reflects a risk of acute graft versus host disease after allogeneic stem cell transplantation.

Aryl Hydrocarbon Receptor Activation by TCDD Modulates Expression of Extracellular Matrix Remodeling Genes during Experimental Liver Fibrosis.

Comparable Neuroprotective Effects of Pergolide and Pramipexole on Ferrous Sulfate-Induced Dopaminergic Cell Death in Cell Culture.

Acute Illness Associated with Exposure to a New Soil Fumigant Containing Dimethyl Disulfide-Hillsborough County, Florida, 2014.

Arsenite accumulation in the mouse eye.

Exposure Variation and Endocrine Disruption of the Male Reproductive System.

Evaluation Efficacy of Ferrous Sulfate Therapy on Headaches of 5-15 Years Old Iron Deficient Children with Migraine.

Synthesis, Cytotoxic Activity on Leukemia Cell Lines and Quantitative Structure-Activity Relationships (QSAR) Studies of Morita-Baylis-Hillman Adducts.

Silymarin protects plasma membrane and acrosome integrity in sperm treated with sodium arsenite.

Toxicokinetics of paraquat in Korean patients with acute poisoning.

Severe Endobronchial Inflammation Induced by Aspiration of a Ferrous Sulfate Tablet.

The onset of lipid peroxidation in rheumatoid arthritis: consequences and monitoring.

Sensitivity of KATP channels to cellular metabolic disorders and the underlying structural basis.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the development and function of the blood-brain barrier.

Xyloglucan Deficiency Disrupts Microtubule Stability and Cellulose Biosynthesis in Arabidopsis, Altering Cell Growth and Morphogenesis.

A Study of 2,3,7,8-Tetrachlorodibenzo-p-dioxin Induced Liver Injury in Jian Carp (*Cyprinus carpio* var. Jian) Using Precision-Cut Liver Slices.

Thiodorexin-2 overexpression fails to rescue chronic high calorie diet induced hippocampal dysfunction.

Delivery of a protein transduction domain-mediated Prdx6 protein ameliorates oxidative stress-induced injury in human and mouse neuronal cells.

Tick-borne encephalitis--lipid peroxidation and its consequences.

Gene Expression Patterns Associated With Histopathology in Toxic Liver Fibrosis.

Somatic-cell mutation induced by short exposures to cigarette smoke in urate-null, oxidative stress-sensitive *Drosophila*.

Cytotoxic and apoptotic effects of boron compounds on leukemia cell line.

Effect of sodium arsenite on reproductive organs of female Wistar rats.

The impact of combined administration of paraquat and maneb on motor and non-motor functions in the rat.

Tribenuron-Methyl Induces Male Sterility through Anther-Specific Inhibition of Acetolactate Synthase Leading to Autophagic Cell Death.

[Three cases of an extreme hyperkalemia associated with glyphosate potassium herbicide poisoning].

Total ocular surface amniotic membrane transplantation for paraquat-induced ocular surface injury.

Interpreting biomonitoring data for 2,4-dichlorophenoxyacetic acid: Update to Biomonitoring Equivalents and population biomonitoring data.

Involvement of epithelial-to-mesenchymal transition and associated transforming growth factor- β /Smad signaling in paraquat-induced pulmonary fibrosis.

trans-Cinnamaldehyde stimulates mitochondrial biogenesis through PGC-1 α and PPAR α leading to enhanced GLUT4 expression.

Anthelmintic efficacy of cinnamaldehyde and cinnamic acid from cortex cinnamon essential oil against *Dactylogyrus intermedius*.

The effects of gestational and chronic atrazine exposure on motor behaviors and striatal dopamine in male Sprague-Dawley rats.

Discovery of a novel neuroprotectant, BHDPC, that protects against MPP+/MPTP-induced neuronal death in multiple experimental models.

Executive Summary to EDC-2: The Endocrine Society's Second Scientific Statement on Endocrine-Disrupting Chemicals.

Artificial sweetener neohesperidin dihydrochalcone showed antioxidative, anti-inflammatory and anti-apoptosis effects against paraquat-induced liver injury in mice.

Histopathological and ultramicroscopical changes in gill, liver and kidney of *Anabas testudineus* (Bloch) after chronic intoxication of almix (metsulfuron methyl 10.1%+chlorimuron ethyl 10.1%) herbicide.

A Potential Role for Acrolein in Neutrophil-Mediated Chronic Inflammation.

The toxicity of glyphosate alone and glyphosate-surfactant mixtures to western toad (*Anaxyrus boreas*) tadpoles.

Cancer incidence and metolachlor use in the Agricultural Health Study: An update.

Differential effects of bevacizumab, ranibizumab and aflibercept on cell viability, phagocytosis and mitochondrial bioenergetics of retinal pigment epithelial cell.

Bioaccumulation and neurotoxicity of dithiopyridine herbicide in the brain of freshwater fish, *Cyprinus carpio*.

Acute and additive toxicity of ten photosystem-II herbicides to seagrass.

Abnormal pancreatic enzymes and their prognostic role after acute paraquat poisoning.

Pollen-mediated gene flow from transgenic cotton under greenhouse conditions is dependent on different pollinators.

[Analysis of risk factors for prognosis of patients with acute paraquat intoxication].

[A case of rhabdomyolysis, acute renal failure induced by paraquat poisoning].

[A case of intravenous paraquat induced poisoning death].

[Effect of total flavonoids from *astragalus complanatus* on paraquat poisoning-induced pulmonary fibrosis in rats and its mechanisms].

[Effects of atrazine on function of murine peritoneal macrophages in vitro].

Synergism of herbicide toxicity by 5-aminolevulinic acid is related to physiological and ultra-structural disorders in crickweed (*Malachium aquaticum* L.).

Proteasome subunit and opioid receptor gene expression down-regulation induced by paraquat and maneb in human neuroblastoma SH-SY5Y cells.

Blowfly Larval Tissues as a Secondary Detector for Determining Paraquat-Related Death in Rabbit Carcass.

Bioaccumulation and Elimination of the Herbicide Clomazone in the Earthworms *Eisenia fetida*.

Continuous IV infusion of MESNA can prevent hemorrhagic cystitis in HSCT and retain MESNA concentration in urine.

Association of Agent Orange With Plasma Cell Disorder: Further Evidence.

Successful extracorporeal membrane oxygenation therapy as a bridge to sequential bilateral lung transplantation for a patient after severe paraquat poisoning.

Protective effects of Ndfip1 on MPP(+)-induced apoptosis in MES23.5 cells and its underlying mechanisms.

Neurotoxicity effects of atrazine-induced SH-SY5Y human dopaminergic neuroblastoma cells via microglial activation.

Acute Toxic Effects of the Herbicide Formulation Focus(®) Ultra on Embryos and Larvae of the Moroccan Painted Frog, *Discoglossus scovazzi*.

Sensitization of the trigeminovascular system following environmental irritant exposure.

Protective effects of caffeic acid phenethyl ester on dose-dependent intoxication of rats with paraquat.

Cigarette side-stream smoke lung and bladder carcinogenesis: inducing mutagenic acrolein-DNA adducts, inhibiting DNA repair and enhancing anchorage-independent-growth cell transformation.

Atrazine Triggers the Extrinsic Apoptosis Pathway in Lymphocytes of the Frog *Pelophylax nigromaculata* in Vivo.

Decreasing the toxicity of paraquat through the complexation with sodium salicylate: Stoichiometric analysis.

Hyperbaric oxygen treatment ameliorates lung injury in paraquat intoxicated rats.

Post-Vietnam Dioxin Exposure in Agent Orange-Contaminated C-123 Aircraft.

RIFM fragrance ingredient safety assessment, $\hat{\pm}$ -butylcinnamaldehyde, CAS Registry Number 7492-44-6.

Impairment of striatal mitochondrial function by acute paraquat poisoning.

The Effect of Exposure to Atrazine on Dopaminergic Development in Pubertal Male SD Rats.

Toxicological evaluation of ametryn effects in Wistar rats.

Potential toxic effects of glyphosate and its commercial formulations below regulatory limits.

Mechanisms of CDDO-imidazolid-mediated cytoprotection against acrolein-induced neurocytotoxicity in SH-SY5Y cells and primary human astrocytes.

Environmental pollutants parathion, paraquat and bisphenol A show distinct effects towards nuclear receptors-mediated induction of xenobiotics-metabolizing cytochromes P450 in human hepatocytes.

Diquat causes caspase-independent cell death in SH-SY5Y cells by production of ROS independently of mitochondria.

Cardiotoxic Electrophysiological Effects of the Herbicide Roundup® in Rat and Rabbit Ventricular Myocardium In Vitro.

Caspase-2 protects against oxidative stress in vivo.

Kidney damage biomarkers detect acute kidney injury but only functional markers predict mortality after paraquat ingestion.

[Digestive system injury caused by paraquat poisoning and treatment].

[Successful treatment of one case after acute paraquat intoxication complicated with pulmonary fibrosis, mediastinal emphysema and subcutaneous emphysema].

[Clinical significance of dynamic changes in serum inflammatory cell factors after acute paraquat poisoning].

[Inhibitory effects of curcumin on inflammatory cytokines in rats with paraquat poisoning].

[Hemoperfusion alleviated paraquat-induced kidney inflammation injury of rabbit].

[The effect of signal transduction pathway of triggering receptor-1 expressed on myeloid cells in acute lung injury induced by paraquat in rats].

Effects of sublethal doses of glyphosate on honeybee navigation.

NADPH oxidase mediated maneb- and paraquat-induced oxidative stress in rat polymorphs: Crosstalk with mitochondrial dysfunction.

NLRP3 inflammasome activation by mitochondrial reactive oxygen species plays a key role in long-term cognitive impairment induced by paraquat exposure.

Toxic and genotoxic effects of the imazethapyr-based herbicide formulation Pivot HÂ® on montevideo tree frog *Hypsiboas pulchellus* tadpoles (Anura, Hylidae).

Methylene blue attenuates acute liver injury induced by paraquat in rats.

Roundup® exposure promotes gills and liver impairments, DNA damage and inhibition of brain cholinergic activity in the Amazon teleost fish *Colossoma macropomum*.

Use of acetochlor and cancer incidence in the Agricultural Health Study.

L-F001, a multifunctional ROCK inhibitor prevents paraquat-induced cell death through attenuating ER stress and mitochondrial dysfunction in PC12 cells.

Transcriptome profile analysis reflects rat liver and kidney damage following chronic ultra-low dose Roundup exposure.

A quantitative approach to developing Parkinsonian monkeys (*Macaca fascicularis*) with intracerebroventricular 1-methyl-4-phenylpyridinium injections.

[A Case of Corneal Injury due to Herbicide Containing Paraquat: Effectiveness of 2% Rebamipide Eye Drops].

Acute effects of a prooxidant herbicide on the microalga *Chlamydomonas reinhardtii*: Screening cytotoxicity and genotoxicity endpoints.

Herbicide toxicity on river biofilms assessed by pulse amplitude modulated (PAM) fluorometry.

Lethal and sub-lethal chronic effects of the herbicide diuron on seagrass.

Protective role of bacillithiol in superoxide stress and Fe-S metabolism in *Bacillus subtilis*.

Fluorescence labeling of carbonylated lipids and proteins in cells using coumarin-hydrazide.

Assessing temporal and spatial variation in sensitivity of communities of periphyton sampled from agroecosystem to, and ability to recover from, atrazine exposure.

Acute and subchronic toxic effects of atrazine and chlorpyrifos on common carp (*Cyprinus carpio* L.): Immunotoxicity assessments.

Altered levels of endocrine biomarkers in juvenile barramundi (*Lates calcarifer*; Bloch) following exposure to commercial herbicide and surfactant formulations.

Proteomics analysis of *Xenopus laevis* gonad tissue following chronic exposure to atrazine.

Protective Effects of Arachidonic Acid Against Paraquat-Induced Pulmonary Injury.

Surfactant toxicity in a case of (4-chloro-2-methylphenoxy) acetic acid herbicide intoxication.

Spectrum of patients intentionally poisoned with an emulsified concentrate pendimethalin herbicide.

Acute eosinophilic pneumonia associated with glyphosate-surfactant exposure.

Simultaneous exposure to multiple heavy metals and glyphosate may contribute to Sri Lankan agricultural nephropathy.

Developmental origins of neurotransmitter and transcriptome alterations in adult female zebrafish exposed to atrazine during embryogenesis.

[A review of developments in paraquat neurotoxicity research].

[A case report of acute paraquat poisoning with high amylase and lipase level].

[The protective effect of ulinastatin on paraquat-induced injury in HK-2 cells and the underlying mechanisms].

Proteomic and histopathological response in the gills of *Poecilia reticulata* exposed to glyphosate-based herbicide.

Pneumomediastinum predicts early mortality in acute paraquat poisoning.

Agent Orange and long-term outcomes after radical prostatectomy.

The effects of the herbicide atrazine on freshwater snails.

Anti-androgenic activities of diuron and its metabolites in male Nile tilapia (*Oreochromis niloticus*).

Pronamide: Human relevance of liver-mediated rat leydig cell tumors.

Connective tissue growth factor stimulates the proliferation, migration and differentiation of lung fibroblasts during paraquat-induced pulmonary fibrosis.

Effects of subchronic exposure to glyphosate in juvenile oysters (*Crassostrea gigas*): From molecular to individual levels.

Presumption of Herbicide Exposure and Presumption of Disability During Service for Reservists Presumed Exposed to Herbicide. Interim final rule.

Molecular cytotoxicity mechanisms of allyl alcohol (acrolein) in budding yeast.

Atrazine Causes Autophagy- and Apoptosis-Related Neurodegenerative Effects in Dopaminergic Neurons in the Rat Nigrostriatal Dopaminergic System.

[Clinical significance of serum amylase and lipase in patients with acute paraquat poisoning].

Survival of a patient after self-injection of paraquat and surgical excision of the injection site.

Protective effects of melatonin-loaded lipid-core nanocapsules on paraquat-induced cytotoxicity and genotoxicity in a pulmonary cell line.

Glutathione S-transferase P protects against cyclophosphamide-induced cardiotoxicity in mice.

2-Methyl-4-chlorophenoxyacetic acid and bromoxynil herbicide death.

Phenoxy herbicides, soft-tissue sarcoma and non-Hodgkin lymphoma: a systematic review of evidence from cohort and case-control studies.

Alteration in the cytokine levels and histopathological damage in common carp induced by glyphosate.

Soft tissue sarcoma, non-Hodgkin's lymphoma and chronic lymphocytic leukaemia in workers exposed to phenoxy herbicides: extended follow-up of a UK cohort.

Aminomethylphosphonic acid has low chronic toxicity to *Daphnia magna* and *Pimephales promelas*.

Joint toxicity of chlorpyrifos, atrazine, and cadmium at lethal concentrations to the earthworm *Eisenia fetida*.

Leydig cell number and sperm production decrease induced by chronic ametryn exposure: a negative impact on animal reproductive health.

Modeling and optimization of photo-Fenton degradation of 2,4-D using ferrioxalate complex and response surface methodology (RSM).

Adiponectin attenuates lung fibroblasts activation and pulmonary fibrosis induced by paraquat.

[Xuebijing combined ulinastatin in treating acute paraquat poisoning].

[The study of kidney injury in rats with acute paraquat poisoning].

[The expressions of P38 mitogen-activated protein kinases and JNK mitogen-activated protein kinases in the renal tissue of rats with acute paraquat poisoning and the therapeutical effects of melatonin].

[The effect of paraquat on voltage-dependent anion channel and caspase-3, 8, 9 in the mitochondria of rat lung].

[Effect of hydrogen-saline on lung injury and heme oxygenase-1 expression in the lung tissue of acute paraquat-intoxicated mice].

Cinnamon spice and everything not nice: many features of intraoral allergy to cinnamic aldehyde.

Groundwater pesticide levels and the association with Parkinson disease.

Subacute and subchronic toxicity of Avalon(®) mixture (bentazone+dicamba) to rats.

Multiparametric characterisation of neuronal network activity for in vitro agrochemical neurotoxicity assessment.

Atrazine exposure affects the ability of crayfish (*Orconectes rusticus*) to localize a food odor source.

Toxicity of Cãspide 480SL® spray mixture formulation of glyphosate to aquatic organisms.

Losartan attenuates paraquat-induced pulmonary fibrosis in rats.

Dicamba affects sex steroid hormone level and mRNA expression of related genes in adult rare minnow (*Gobiocypris rarus*) at environmentally relevant concentrations.

Combined exposure to agriculture pesticides, paraquat and maneb, induces alterations in the N/OFQ-NOPr and PDYN/KOPr systems in rats: Relevance to sporadic Parkinson's disease.

±,²-Unsaturated aldehyde pollutant acrolein suppresses cardiomyocyte contractile function: Role of TRPV1 and oxidative stress.

Traditional chinese medicine Xuebijing treatment is associated with decreased mortality risk of patients with moderate paraquat poisoning.

The manganese-salen compound EUK-134 and N-acetyl cysteine rescue from zinc- and paraquat-induced toxicity in rat polymorphonuclear leukocytes.

Histopathological effects of atrazine on gills of Caspian kutum *Rutilus frisii kutum* fingerlings.

[Application of hemoperfusion in treatment of acute paraquat poisoning].

[Expression of heme oxygenase-1 in lung tissue of paraquat poisoned mice and its significance].

[Inhibition of pulmonary nuclear factor -ß and tumor necrosis factor -± expression by diallyl sulfide in rats with paraquat poisoning].

[The value of assessment of area of ground glass opacity in lungs cast by high-resolution computed tomography on the prognosis of patients with acute paraquat intoxication].

[Intensity of hemoperfusion in acute paraquat-poisoned patients and analysis of prognosis].

[Effect of rhubarb as the main composition of sequential treatment in patients with acute paraquat poisoning: a prospective clinical research].

[Progress in the diagnosis and treatment of acute paraquat poisoning].

[The treatment of acute paraquat poisoning: a long and hard way].

Diuron in water: functional toxicity and intracellular detoxification patterns of active concentrations assayed in tandem by a yeast-based probe.

The volume ratio of ground glass opacity in early lung CT predicts mortality in acute paraquat poisoning.

A critical review of the epidemiology of Agent Orange or 2,3,7,8-tetrachlorodibenzo-p-dioxin and lymphoid malignancies.

The synergistic toxicity of the multiple chemical mixtures: implications for risk assessment in the terrestrial environment.

Betanin attenuates oxidative stress and inflammatory reaction in kidney of paraquat-treated rat.

Subcellular energy balance of *Odontesthes bonariensis* exposed to a glyphosate-based herbicide.

Acute toxic effects of the herbicide formulation and the active ingredient used in cycloxydim-tolerant maize cultivation on embryos and larvae of the African clawed frog, *Xenopus laevis*.

Metabolic profiling of *Lolium perenne* shows functional integration of metabolic responses to diverse subtoxic conditions of chemical stress.

Acrolein-Induced Oxidative Stress and Cell Death Exhibiting Features of Apoptosis in the Yeast *Saccharomyces cerevisiae* Deficient in SOD1.

Bioavailability-based estimation of phytotoxicity of imazaquin in soil to sorghum.

Increased toll-like receptor 9 expression is associated with the severity of paraquat-induced lung injury in mice.

Glyphosate-based herbicides potentially affect cardiovascular system in mammals: review of the literature.

Physiological effects of temperature on turfgrass tolerance to amicarbazone.

Assessment of soybean injury from glyphosate using airborne multispectral remote sensing.

Physiological and oxidative stress biomarkers in the freshwater monosex Nile tilapia, *Oreochromis niloticus* L., exposed to pendimethalin-based herbicide.

Occupational exposure to pentachlorophenol causing lymphoma and hematopoietic malignancy for two generations.

Mechanisms underlying early rapid increases in creatinine in paraquat poisoning.

Polyphenol extract from *Phellinus igniarius* protects against acrolein toxicity in vitro and provides protection in a mouse stroke model.

Kernel compositions of glyphosate-tolerant and corn rootworm-protected MON 88017 sweet corn and insect-protected MON 89034 sweet corn are equivalent to that of conventional sweet corn (*Zea mays*).

Glyphosate, pathways to modern diseases III: Manganese, neurological diseases, and associated pathologies.

Paraquat induces epithelial-mesenchymal transition-like cellular response resulting in fibrogenesis and the prevention of apoptosis in human pulmonary epithelial cells.

The significance of serum uric acid level in humans with acute paraquat poisoning.

ROS-triggered signaling pathways involved in the cytotoxicity and tumor promotion effects of pentachlorophenol and tetrachlorohydroquinone.

UV and hydrogen peroxide treatment restores changes in innate immunity caused by exposure of fish to reuse water.

The herbicide linuron inhibits cholesterol biosynthesis and induces cellular stress responses in brown trout.

Neurobehavioral effects of concurrent exposure to cesium-137 and paraquat during neonatal development in mice.

Ternary toxicological interactions of insecticides, herbicides, and a heavy metal on the earthworm *Eisenia fetida*.

Acute toxicity and sublethal effects of the mixture glyphosate (Roundup Active) and Cosmo-Flux 411F to anuran embryos and tadpoles of four Colombian species.

[Clinical study on the treatment of acute paraquat poisoning with sequential whole gastric and bowel irrigation].

[Analysis of reports of cases of pesticide poisoning in Jiangsu Province, China, from 2006 to 2013].

Evaluation of carcinogenic potential of the herbicide glyphosate, drawing on tumor incidence data from fourteen chronic/carcinogenicity rodent studies.

Effects of noninvasive positive pressure ventilation on oxygenation status and prognosis in patients with acute paraquat-induced lung injury.

Modelling the effect of fluctuating herbicide concentrations on algae growth.

Atrazine and chlorpyrifos exposure induces liver autophagic response in common carp.

In vitro safety assessment of food ingredients in canine renal proximal tubule cells.

Degradation and dechlorination of pentachlorophenol by microwave-activated persulfate.

Superparamagnetic iron oxide nanoparticles exacerbate the risks of reactive oxygen species-mediated external stresses.

Protective effects of caffeic acid phenethyl ester on the dose-dependent acute nephrotoxicity with paraquat in a rat model.

Using a toxicity test with *Ruppia maritima* (Linnaeus) to assess the effects of Roundup.

PSTK is a novel gene associated with early lung injury in Paraquat Poisoning.

A miniature bioassay for testing the acute phytotoxicity of photosystem II herbicides on seagrass.

Effects of different tidal volume ventilation on paraquat-induced acute lung injury in piglets.

Atrazine induces apoptosis of SH-SY5Y human neuroblastoma cells via the regulation of Bax/Bcl-2 ratio and caspase-3-dependent pathway.

Effects of prometryne on early life stages of common carp (*Cyprinus carpio* L.).

APACHE score, Severity Index of Paraquat Poisoning, and serum lactic acid concentration in the prognosis of paraquat poisoning of Chinese Patients.

Molecular mechanisms of acrolein toxicity: relevance to human disease.

Selenium reduces bradykinesia and DNA damage in a rat model of Parkinson's disease.

(1)H NMR based metabolomics approach to study the toxic effects of herbicide butachlor on goldfish (*Carassius auratus*).

Histopathological alterations in the kidney of Caspian kutum, *Rutilus frisii* kutum, larvae and fingerlings exposed to sublethal concentration of atrazine.

Early haemoperfusion with continuous venovenous haemofiltration improves survival of acute paraquat-poisoned patients.

NLRP3 inflammasome activation is essential for paraquat-induced acute lung injury.

Severe cholestasis and hepatic dysfunction in a case of fatal paraquat poisoning.

Dimethylarsinic acid (DMA(V)) changed the expressions of proliferative related factors and secretion of inflammatory cytokines in rat bladder.

The relation between oxidative stress, inflammation, and neopterin in the paraquat-induced lung toxicity.

Hepatoprotective effect of *Matricaria chamomilla* L in paraquat induced rat liver injury.

Docosahexaenoic acid prevents paraquat-induced reactive oxygen species production in dopaminergic neurons via enhancement of glutathione homeostasis.

Multiple myeloma and glyphosate use: a re-analysis of US Agricultural Health Study (AHS) data.

Drinking well water and occupational exposure to Herbicides is associated with chronic kidney disease, in Padavi-Sripura, Sri Lanka.

Clostridium tertium bacteremia in a patient with glyphosate ingestion.

Artesunate Attenuates Lung Injury in Paraquat-Intoxicated Rats via Downregulation of Inflammatory Cytokines.

Acute effects of acrolein in human volunteers during controlled exposure.

Use of In Vivo and In Vitro Data to Derive a Chronic Reference Value for Crotonaldehyde Based on Relative Potency to Acrolein.

The Biomarkers of Exposure and Effect in Agriculture (BEEA) Study: Rationale, Design, Methods, and Participant Characteristics.

Paraquat Poisoning Followed by Toxic Epidermal Necrolysis: A Report of Two Cases and Published Work Review.

Characterization of the ecological interactions of Roundup Ready 2 Yield[®] soybean, MON 89788, for use in ecological risk assessment.

Serum Metabolomics in Rats after Acute Paraquat Poisoning.

Effects of Atrazine on the Development of Neural System of Zebrafish, *Danio rerio*.

Superantigen staphylococcal enterotoxin C1 mutant can reduce paraquat pulmonary fibrosis.

Parkinsonian toxin-induced oxidative stress inhibits basal autophagy in astrocytes via NQO2/quinone oxidoreductase 2: Implications for neuroprotection.

[The research progress of paraquat poisoning lung molecular mechanism].

[A case of acute paraquat poisoning lead to esophageal obstruction].

[Observation on the best dose of methylprednisolone improving lung injury in swine with paraquat intoxication].

Enhancement of the acrolein-induced production of reactive oxygen species and lung injury by GADD34.

DNaseI protects against Paraquat-induced acute lung injury and pulmonary fibrosis mediated by mitochondrial DNA.

Metabolic changes in paraquat poisoned patients and support vector machine model of discrimination.

Clearance rate and BP-ANN model in paraquat poisoned patients treated with hemoperfusion.

Acute Effects of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) or Paraquat on Core Temperature in C57BL/6J Mice.

North American contact dermatitis group patch test results: 2011-2012.

Effects of rapamycin against paraquat-induced pulmonary fibrosis in mice.

The mechanism of rapamycin in the intervention of paraquat-induced acute lung injury in rats.

The herbicide glyphosate causes behavioral changes and alterations in dopaminergic markers in male Sprague-Dawley rat.

Sub-lethal effects of Roundup[®] on tadpole anti-predator responses.

Effects of glyphosate on juvenile rainbow trout (*Oncorhynchus mykiss*): transcriptional and enzymatic analyses of antioxidant defence system, histopathological liver damage and swimming performance.

Immunological and histopathological responses of the kidney of common carp (*Cyprinus carpio* L.) sublethally exposed to glyphosate.

Combined effects of repeated administration of Bretmont Wipeout (glyphosate) and Ultrazin (atrazine) on testosterone, oxidative stress and sperm quality of Wistar rats.

Acute and long-term ocular effects of acrolein vapor on the eyes and potential therapies.

Trace concentrations of imazethapyr (IM) affect floral organs development and reproduction in *Arabidopsis thaliana*: IM-induced inhibition of key genes regulating anther and pollen biosynthesis.

Transcription alteration of immunologic parameters and histopathological damage in common carp (*Cyprinus carpio* L.) caused by paraquat.

A dopamine receptor contributes to paraquat-induced neurotoxicity in *Drosophila*.

Mifepristone-inducible recombinant adenovirus attenuates paraquat-induced lung injury in rats.

[Expression of the pulmonary surfactant in rat with paraquat-induced acute lung injury].

EDC-2: The Endocrine Society's Second Scientific Statement on Endocrine-Disrupting Chemicals.

Topically applied metal chelator reduces thermal injury progression in a rat model of brass comb burn.

Acrolein contributes to TRPA1 up-regulation in peripheral and central sensory hypersensitivity following spinal cord injury.

Activity of several kinds of drugs against *Neospora caninum*.

Cinnamaldehyde attenuates pressure overload-induced cardiac hypertrophy.

Compensatory role of the Nrf2-ARE pathway against paraquat toxicity: Relevance of 26S proteasome activity.

Cinnamic aldehyde suppresses hypoxia-induced angiogenesis via inhibition of hypoxia-inducible factor-1 α expression during tumor progression.

Parkinson's disease and enhanced inflammatory response.

Increase in acrolein-conjugated immunoglobulins in saliva from patients with primary Sjögren's syndrome.

Evaluation of dementia by acrolein, amyloid- β^2 and creatinine.

Methylene blue, a potential therapeutic target for mitochondria dysfunction.

Cinnamaldehyde inhibits inflammation and brain damage in a mouse model of permanent cerebral ischaemia.

The Genetic Architecture of Arsenic Metabolism Efficiency: A SNP-Based Heritability Study of Bangladeshi Adults.

Methylated arsenic metabolites bind to PML protein but do not induce cellular differentiation and PML-RAR α protein degradation.

Superoxide anion radical (O₂⁻) degrades methylmercury to inorganic mercury in human astrocytoma cell line (CCF-STTG1).

Controlling *Aspergillus flavus* and *Aspergillus parasiticus* growth and aflatoxin production in poultry feed using carvacrol and trans-cinnamaldehyde.

Lung inflammation biomarkers and lung function in children chronically exposed to arsenic.

Absence of sodA increases the levels of oxidation of key metabolic determinants of *Borrelia burgdorferi*.

Superoxide enhances Ca²⁺ entry through L-type channels in the renal afferent arteriole.

Soluble Epoxide Hydrolase Deficiency or Inhibition Attenuates MPTP-Induced Parkinsonism.

Efficacy of fumigation with Trans-cinnamaldehyde and eugenol in reducing *Salmonella enterica* serovar Enteritidis on embryonated egg shells.

The association of urine arsenic with prevalent and incident chronic kidney disease: evidence from the Strong Heart Study.

Efficacy and safety of pulse immunosuppressive therapy with glucocorticoid and cyclophosphamide in patients with paraquat poisoning: A meta-analysis.

Role of aldehyde dehydrogenase in hypoxic vasodilator effects of nitrite in rats and humans.

Mechanical overloading causes mitochondrial superoxide and SOD2 imbalance in chondrocytes resulting in cartilage degeneration.

Coniferyl aldehyde attenuates radiation enteropathy by inhibiting cell death and promoting endothelial cell function.

Rapamycin reverses paraquat-induced acute lung injury in a rat model through inhibition of NF κ B activation.

Nrf2-dependent suppression of azoxymethane/dextran sulfate sodium-induced colon carcinogenesis by the cinnamon-derived dietary factor cinnamaldehyde.

Arsenic toxicity in rice with special reference to speciation in Indian grain and its implication on human health.

Aminotriazole alleviates acetaminophen poisoning via downregulating P450 2E1 and suppressing inflammation.

Continuous, low-dose oral exposure to sodium chlorate reduces fecal generic *Escherichia coli* in sheep feces without inducing clinical chlorate toxicosis.

[Therapeutic effects of gastric lavage with fuller earth combined with Qingyill catharsis in treatment of oral paraquat poisoning in rabbits].

[Preventive effects of 5-hydroxy-1-methylhydantoin on paraquat-induced nephrotoxicity in rat].

Elevated levels of mercapturic acids of acrolein and crotonaldehyde in the urine of Chinese women in Singapore who regularly cook at home.

Coniferyl aldehyde reduces radiation damage through increased protein stability of heat shock transcriptional factor 1 by phosphorylation.

Antinociceptive effect of methanol extract of leaves of *Persicaria hydropiper* in mice.

Cinnamic aldehyde treatment alleviates chronic unexpected stress-induced depressive-like behaviors via targeting cyclooxygenase-2 in mid-aged rats.

[The catalase inhibitor aminotriazole alleviates acute alcoholic liver injury].

Distinguishing mild cognitive impairment from Alzheimer's disease with acrolein metabolites and creatinine in urine.

Cinnamic acid exerts anti-diabetic activity by improving glucose tolerance in vivo and by stimulating insulin secretion in vitro.

[Effect of calcium cyanamid synthetic drug on *Schistosoma japonicum* egg morphology].

Protective glove use and hygiene habits modify the associations of specific pesticides with Parkinson's disease.

Protective effect of crocin on acrolein-induced tau phosphorylation in the rat brain.

Oxidative Stress during the Progression of β -Amyloid Pathology in the Neocortex of the Tg2576 Mouse Model of Alzheimer's Disease.

Molecular mechanisms of acrolein-mediated myelin destruction in CNS trauma and disease.

Natural antioxidant betanin protects rats from paraquat-induced acute lung injury interstitial pneumonia.

Anti-inflammatory effect of cinnamaldehyde in *Helicobacter pylori* induced gastric inflammation.

The antisenescence effect of trans-cinnamaldehyde on adipose-derived stem cells.

Dynamic differences in oxidative stress and the regulation of metabolism with age in visceral versus subcutaneous adipose.

Renal function is associated with indicators of arsenic methylation capacity in Bangladeshi adults.

Arabidopsis INCURVATA2 Regulates Salicylic Acid and Abscisic Acid Signaling, and Oxidative Stress Responses.

Donepezil Regulates 1-Methyl-4-phenylpyridinium-Induced Microglial Polarization in Parkinson's Disease.

Protection of HepG2 cells against acrolein toxicity by 2-cyano-3,12-dioxooleana-1,9-dien-28-imidazole via glutathione-mediated mechanism.

Monodehydroascorbate reductase mediates TNT toxicity in plants.

In Silico Approach To Identify Potential Thyroid Hormone Disruptors among Currently Known Dust Contaminants and Their Metabolites.

Laboratory Rodent Diets Contain Toxic Levels of Environmental Contaminants: Implications for Regulatory Tests.

[Changes of the Expression of Brain Derived Neurotrophic Factors in Rats Trachea Induced by Acrolein Exposure].

Proteomic responses to a methyl viologen-induced oxidative stress in the wild type and FerB mutant strains of *Paracoccus denitrificans*.

Absorption, translocation and metabolism of bispyribac-sodium on rice seedlings under cold stress.

Oxidative Stress in *Caenorhabditis elegans*: Protective Effects of Spartin.

Oxidative and reductive metabolism of lipid-peroxidation derived carbonyls.

Metabolism of agrochemicals and related environmental chemicals based on cytochrome P450s in mammals and plants.

Measuring oxidative stress resistance of *Caenorhabditis elegans* in 96-well microtiter plates.

Steady-state metabolism of ethanol in perfused rat livers treated with cyanamide: quantitative analysis of acetaldehyde effects on the metabolic flux rates.

Genotoxicity of 1-methylpyrene and 1-hydroxymethylpyrene in Chinese hamster V79-derived cells expressing both human CYP2E1 and SULT1A1.

Acrolein impairs the cholesterol transport functions of high density lipoproteins.

The distribution in tissues and urine of arsenic metabolites after subchronic exposure to dimethylarsinic acid (DMAV) in rats.

Proinflammatory effect of trivalent arsenical species in a co-culture of Caco-2 cells and peripheral blood mononuclear cells.

Germination induction of dormant *Avena fatua* caryopses by KAR(1) and GA(3) involving the control of reactive oxygen species (H_2O_2 and $O_2^{\cdot-}$) and enzymatic antioxidants (superoxide dismutase and catalase) both in the embryo and the aleurone layers.

Anti-inflammatory activity of cinnamon (*C. zeylanicum* and *C. cassia*) extracts - identification of E-cinnamaldehyde and o-methoxy cinnamaldehyde as the most potent bioactive compounds.

The transcriptional regulator BBX24 impairs DELLA activity to promote shade avoidance in *Arabidopsis thaliana*.

Activation of auxin signalling counteracts photorespiratory H_2O_2 -dependent cell death.

Accumulation of electrophilic aldehydes during postovulatory aging of mouse oocytes causes reduced fertility, oxidative stress, and apoptosis.

Influence of the level of arsenic (As) exposure and the presence of T860C polymorphism in human As urinary metabolic profile.

Unveiling the role of the pesticides paraquat and rotenone on α -synuclein fibrillation in vitro.

Urinary arsenic speciation profile in ethnic group of the Atacama desert (Chile) exposed to variable arsenic levels in drinking water.

Effective attenuation of atrazine-induced histopathological changes in testicular tissue by antioxidant N-phenyl-4-aryl-polyhydroquinolines.

Key role of salsolinol in ethanol actions on dopamine neuronal activity of the posterior ventral tegmental area.

Drugs That Bind to α -Synuclein: Neuroprotective or Neurotoxic?

Aryl Hydrocarbon Receptor Protects Lungs from Cockroach Allergen-Induced Inflammation by Modulating Mesenchymal Stem Cells.

Enhanced protective activity of nano formulated andrographolide against arsenic induced liver damage.

Progression of micronutrient alteration and hepatotoxicity following acute PCB126 exposure.

Identification of *Scenedosporium boydii* catalase A1 gene, a reactive oxygen species detoxification factor highly expressed in response to oxidative stress and phagocytic cells.

Ancestral TCDD exposure promotes epigenetic transgenerational inheritance of imprinted gene *Igf2*: Methylation status and DNMTs.

Continuous activation of Nrf2 and its target antioxidant enzymes leads to arsenite-induced malignant transformation of human bronchial epithelial cells.

Compound- and sex-specific effects on programming of energy and immune homeostasis in adult C57BL/6JxFVB mice after perinatal TCDD and PCB 153.

The aryl hydrocarbon receptor suppresses cigarette-smoke-induced oxidative stress in association with dioxin response element (DRE)-independent regulation of sulfiredoxin 1.

2,3,7,8-Tetrachlorodibenzo-p-Dioxin Alters Lipid Metabolism and Depletes Immune Cell Populations in the Jejunum of C57BL/6 Mice.

Developmental Activation of the AHR Increases Effector CD4+ T Cells and Exacerbates Symptoms in Autoimmune Disease-Prone *Gnaq*^{+/-} Mice.

Paraoxonase 1 and cytochrome P450 polymorphisms in susceptibility to acute organophosphorus poisoning in Egyptians.

Short-Term Changes in Body Composition and Response to Micronutrient Supplementation After Laparoscopic Sleeve Gastrectomy.

Para-cresyl sulfate acutely impairs vascular reactivity and induces vascular remodeling.

Lethal and behavioral effects of selected novel pesticides on adults of *Trichogramma pretiosum* (Hymenoptera: Trichogrammatidae).

Iron bioavailability from commercially available iron supplements.

Effects of co-exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin and polychlorinated biphenyls on nonalcoholic fatty liver disease in mice.

Disruption of Ah Receptor Signaling during Mouse Development Leads to Abnormal Cardiac Structure and Function in the Adult.

Green tea inhibited the elimination of nephro-cardiovascular toxins and deteriorated the renal function in rats with renal failure.

Subcellular Localization of Matrin 3 Containing Mutations Associated with ALS and Distal Myopathy.

Stress Granules Modulate SYK to Cause Microglial Cell Dysfunction in Alzheimer's Disease.

Modeling the Dynamic AMD-Associated Chronic Oxidative Stress Changes in Human ESC and iPSC-Derived RPE Cells.

Pesticide exposure and end-stage renal disease risk among wives of pesticide applicators in the Agricultural Health Study.

Development of a physiologically-based pharmacokinetic model of 2-phenoxyethanol and its metabolite phenoxyacetic acid in rats and humans to address toxicokinetic uncertainty in risk assessment.

Immunohistochemical analysis of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity on the developmental dentate gyrus and hippocampal fimbria in fetal mice.

Aryl hydrocarbon receptor agonists upregulate VEGF secretion from bronchial epithelial cells.

Evaluating microRNA profiles reveals discriminative responses following genotoxic or non-genotoxic carcinogen exposure in primary mouse hepatocytes.

Correlation between dioxin and endometriosis: an epigenetic route to unravel the pathogenesis of the disease.

Reversible Splenic Lesion Syndrome (RESLES) Following Glufosinate Ammonium Poisoning.

Instrumental and sensory analyses of quality attributes of grafted specialty melons.

Cutaneous drug toxicity from 2,4-dinitrophenol (DNP): Case report and histological description.

Monitoring Changes in the Redox State of Myoglobin in Cardiomyocytes by Raman Spectroscopy Enables the Protective Effect of NO Donors to Be Evaluated.

Ethanol enhances arsenic-induced cyclooxygenase-2 expression via both NFAT and NF- κ B signalings in colorectal cancer cells.

Central nervous system-specific knockout of Brg1 causes growth retardation and neuronal degeneration.

Association between Dioxin and Diabetes Mellitus in an Endemic Area of Exposure in Taiwan: A Population-Based Study.

17-Allylamino-17-demethoxygeldanamycin and Herbimycin A Induce Cell Death by Modulating β -Catenin and PI3K/AKT Signaling in FRO Anaplastic Thyroid Carcinoma Cells.

Several Ryanodine Receptor Type 1 Gene Mutations of p.Arg2508 Are Potential Sources of Malignant Hyperthermia.

Residential Exposure to Pesticide During Childhood and Childhood Cancers: A Meta-Analysis.

Iron Absorption from an Intrinsically Labeled Lentil Meal Is Low but Upregulated in Women with Poor Iron Status.

Proximal tubular efflux transporters involved in renal excretion of p-cresyl sulfate and p-cresyl glucuronide: Implications for chronic kidney disease pathophysiology.

Modulation of Glycosaminoglycans Affects PrPSc Metabolism but Does Not Block PrPSc Uptake.

A randomized trial of intravenous and oral iron in chronic kidney disease.

Small molecule inhibitors of PSD95-nNOS protein-protein interactions as novel analgesics.

Maternal occupational pesticide exposure and risk of congenital heart defects in the National Birth Defects Prevention Study.

Current skin symptoms of Yusho patients exposed to high levels of 2,3,4,7,8-pentachlorinated dibenzofuran and polychlorinated biphenyls in 1968.

Vitamin B12 and folate levels increase during treatment of iron deficiency anaemia in young adult woman.

Activation of the Prostaglandin E2 receptor EP2 prevents house dust mite-induced airway hyperresponsiveness and inflammation by restraining mast cells' activity.

Regulation of p53-targeting microRNAs by polycyclic aromatic hydrocarbons: Implications in the etiology of multiple myeloma.

Exploring Protein Binding of Uremic Toxins in Patients with Different Stages of Chronic Kidney Disease and during Hemodialysis.

Association between levels of persistent organic pollutants in adipose tissue and cryptorchidism in early childhood: a case-control study.

Continuous Reduction of Protein-Bound Uraemic Toxins with Improved Oxidative Stress by Using the Oral Charcoal Adsorbent AST-120 in Haemodialysis Patients.

Human bronchial epithelial BEAS-2B cells, an appropriate in vitro model to study heavy metals induced carcinogenesis.

A Curcumin Derivative That Inhibits Vinyl Carbamate-Induced Lung Carcinogenesis via Activation of the Nrf2 Protective Response.

KML001 Induces Apoptosis and Autophagic Cell Death in Prostate Cancer Cells via Oxidative Stress Pathway.

Protective effects of melatonin against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cardiac injury in rats.

[Pharmacological therapies for alcohol use disorder in Japan].

p-Cresol and Cardiovascular Risk in Kidney Transplant Recipients.

Hierarchical regression for analyses of multiple outcomes.

HMME combined with green light-emitting diode irradiation results in efficient apoptosis on human tongue squamous cell carcinoma.

Perinatal dioxin exposure and psychosocial and behavioral development in school-aged children.

Dietary protein-fiber ratio associates with circulating levels of indoxyl sulfate and p-cresyl sulfate in chronic kidney disease patients.

Yusho and its latest findings-A review in studies conducted by the Yusho Group.

The Chronic Kidney Disease - Colonic Axis.

Increased pulmonary RhoA expression in the nitrofen-induced congenital diaphragmatic hernia rat model.

Detection of urine metabolites in polycystic ovary syndrome by UPLC triple-TOF-MS.

Small-molecule inhibitors at the PSD-95/nNOS interface protect against glutamate-induced neuronal atrophy in primary cortical neurons.

Ablation of XP-V gene causes adipose tissue senescence and metabolic abnormalities.

Persistent reduced oxygen requirement following blood transfusion during recovery from hemorrhagic shock.

The Role of Liver in Determining Serum Colon-Derived Uremic Solutes.

Dioxin receptor regulates aldehyde dehydrogenase to block melanoma tumorigenesis and metastasis.

Insulin attenuates arsenic-induced neurite outgrowth impairments by activating the PI3K/Akt/SIRT1 signaling pathway.

Gut-Microbiota-Metabolite Axis in Early Renal Function Decline.

Malignant hyperthermia: a review.

Evaluation of efficacy of resin hemoperfusion in patients with acute 2,4-dinitrophenol poisoning by dynamic monitoring of plasma toxin concentration.

Neuroendocrine factors regulate retinoic acid receptors in normal and hypoplastic lung development.

Prenatal Iron Supplementation Reduces Maternal Anemia, Iron Deficiency, and Iron Deficiency Anemia in a Randomized Clinical Trial in Rural China, but Iron Deficiency Remains Widespread in Mothers and Neonates.

Medical interventions to reverse pulmonary hypoplasia in the animal model of congenital diaphragmatic hernia: A systematic review.

Arsenic causes aortic dysfunction and systemic hypertension in rats: Augmentation of angiotensin II signaling.

Pesticide Use and Relative Leukocyte Telomere Length in the Agricultural Health Study.

Left ventricular global longitudinal strain is associated with cardiovascular risk factors and arterial stiffness in chronic kidney disease.

Effect of correction of anemia on echocardiographic and clinical parameters in patients with aortic stenosis involving a three-cuspid aortic valve and normal left ventricular ejection fraction.

Defective parasympathetic innervation is associated with airway branching abnormalities in experimental CDH.

Activation of aryl hydrocarbon receptor promotes invasion of clear cell renal cell carcinoma and is associated with poor prognosis and cigarette smoke.

Meta-Analysis of the Associations of p-Cresyl Sulfate (PCS) and Indoxyl Sulfate (IS) with Cardiovascular Events and All-Cause Mortality in Patients with Chronic Renal Failure.

The AhR Ligand, TCDD, Regulates Androgen Receptor Activity Differently in Androgen-Sensitive versus Castration-Resistant Human Prostate Cancer Cells.

Loss of the Mono-ADP-ribosyltransferase, Tiparp, Increases Sensitivity to Dioxin-induced Steatohepatitis and Lethality.

[Virulence genes and clinical features of Clostridium difficile-associated diarrhea in children].

Porcine epidemic diarrhea virus uses cell-surface heparan sulfate as an attachment factor.

Lower NPAS3 expression during the later stages of abnormal lung development in rat congenital diaphragmatic hernia.

Nitrite-mediated renal vasodilatation is increased during ischemic conditions via cGMP-independent signaling.

Chronic inorganic arsenic exposure in vitro induces a cancer cell phenotype in human peripheral lung epithelial cells.

Improved method for quantitative analysis of methylated phosphatidylethanolamine species and its application for analysis of diabetic-mouse liver samples.

Effect of Sodium Arsenite on Mouse Skin Carcinogenesis.

Tetramethylpyrazine (TMP) protects against sodium arsenite-induced nephrotoxicity by suppressing ROS production, mitochondrial dysfunction, pro-inflammatory signaling pathways and programmed cell death.

The Transcriptional Effects of PCB118 and PCB153 on the Liver, Adipose Tissue, Muscle and Colon of Mice: Highlighting of Glut4 and Lipin1 as Main Target Genes for PCB Induced Metabolic Disorders.

p-Cresyl sulfate aggravates cardiac dysfunction associated with chronic kidney disease by enhancing apoptosis of cardiomyocytes.

The Use of Chemical-Chemical Interaction and Chemical Structure to Identify New Candidate Chemicals Related to Lung Cancer.

Arsenic-induced dyslipidemia in male albino rats: comparison between trivalent and pentavalent inorganic arsenic in drinking water.

Disruptive environmental chemicals and cellular mechanisms that confer resistance to cell death.

Environmental immune disruptors, inflammation and cancer risk.

Therapeutic interventions using a combination of Telmisartan and omega 3-fatty acids in sodium arsenite-induced vascular endothelial dysfunction in rats: modulation through ATP-sensitive K⁺ channels and eNOS.

Differential regulation of Th17 and T regulatory cell differentiation by aryl hydrocarbon receptor dependent xenobiotic response element dependent and independent pathways.

Heat shock protein responses to aging and proteotoxicity in the olfactory bulb.

Arsenic exposure and prevalence of the varicella zoster virus in the United States: NHANES (2003-2004 and 2009-2010).

Serum aryl hydrocarbon receptor ligand activity is associated with insulin resistance and resulting type 2 diabetes.

Identification of Environmental Chemicals Associated with the Development of Toxicant-associated Fatty Liver Disease in Rodents.

Effect of tocopherol on biochemical blood parameters in pleuritis-induced rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Involvement of iron depletion in palmitate-induced lipotoxicity of beta cells.

Ferrous sulfate, but not iron polymaltose complex, aggravates local and systemic inflammation and oxidative stress in dextran sodium sulfate-induced colitis in rats.

Attenuation of neuromotor deficits by natural antioxidants of *Decalepis hamiltonii* in transgenic *Drosophila* model of Parkinson's disease.

Free Levels of Selected Organic Solutes and Cardiovascular Morbidity and Mortality in Hemodialysis Patients: Results from the Retained Organic Solutes and Clinical Outcomes (ROSCO) Investigators.

[Latest Findings of Yusho and Its Therapeutic Development].

[Effect of Cynaropicrin on 2,3,4,7,8-Pentachlorodibenzofuran-induced Wasting Syndrome and Oxidative Stress].

[The Distribution of Dioxin Concentrations in the Blood of Yusho Patients].

Novel Mitochondrial Cationic Uncoupler C4R1 Is an Effective Treatment for Combating Obesity in Mice.

Luteolin suppresses TCDD-induced wasting syndrome in a cultured adipocyte model.

Occupational health and safety for agricultural workers in Thailand: gaps and recommendations, with a focus on pesticide use.

Effect of vitamin D supplementation during pregnancy on maternal and neonatal outcomes: a systematic review and meta-analysis of randomized controlled trials.

Ventilation causes pulmonary vascular dilation and modulates the NOS and VEGF pathway on newborn rats with CDH.

Dioxin inhibition of swim bladder development in zebrafish: is it secondary to heart failure?

Oligofructose protects against arsenic-induced liver injury in a model of environment/obesity interaction.

The aryl hydrocarbon receptor regulates an essential transcriptional element in the immunoglobulin heavy chain gene.

Increased levels of dioxin-like substances in adipose tissue in patients with deep infiltrating endometriosis.

Anti-leukemic effect of sodium metaarsenite (KML001) in acute myeloid leukemia with breaking-down the resistance of cytosine arabinoside.

Management of iron deficiency anemia: a survey of pediatric hematology/oncology specialists.

Mild hypoxia in vivo regulates cardioprotective SUR2A: A role for Akt and LDH.

Time- and spectrally resolved characteristics of flavin fluorescence in U87MG cancer cells in culture.

Clinical significance of C-reactive protein levels in predicting responsiveness to iron therapy in patients with inflammatory bowel disease and iron deficiency anemia.

Fiber supplementation lowers plasma p-cresol in chronic kidney disease patients.

Engineering for disease resistance: persistent obstacles clouding tangible opportunities.

Increasing frequency of severe clinical toxicity after use of 2,4-dinitrophenol in the UK: a report from the National Poisons Information Service.

Effects of nanoparticle-encapsulated curcumin on arsenic-induced liver toxicity in rats.

Metabolic outcome of female mice exposed to a mixture of low-dose pollutants in a diet-induced obesity model.

Synergistic deleterious effect of chronic stress and sodium azide in the mouse hippocampus.

Overexpression of a GmCnx1 gene enhanced activity of nitrate reductase and aldehyde oxidase, and boosted mosaic virus resistance in soybean.

Sodium meta-arsenite prevents the development of autoimmune diabetes in NOD mice.

3-(Benzo[d][1,3]dioxol-5-ylamino)-N-(4-fluorophenyl)thiophene-2-carboxamide overcomes cancer chemoresistance via inhibition of angiogenesis and P-glycoprotein efflux pump activity.

Effects of uremic solutes on reactive oxygen species in vitro model systems as a possibility of support the renal function management.

Pax3 and Pax7 play essential safeguard functions against environmental stress-induced birth defects.

Modulation of colon cancer by nutmeg.

Optimizing early child development for young children with non-anemic iron deficiency in the primary care practice setting (OptEC): study protocol for a randomized controlled trial.

Mitochondrial vulnerability and increased susceptibility to nutrient-induced cytotoxicity in fibroblasts from leigh syndrome French canadian patients.

p-Cresol mediates autophagic cell death in renal proximal tubular cells.

Non-dioxin-like polychlorinated biphenyls (PCB 101, PCB 153 and PCB 180) induce chondrocyte cell death through multiple pathways.

Prevention of pulmonary hypoplasia and pulmonary vascular remodeling by antenatal simvastatin treatment in nitrofen-induced congenital diaphragmatic hernia.

Differential gene expression patterns in developing sexually dimorphic rat brain regions exposed to antiandrogenic, estrogenic, or complex endocrine disruptor mixtures: glutamatergic synapses as target.

The role of TMPRSS6 polymorphisms in iron deficiency anemia partially responsive to oral iron treatment.

Alleviative effect of quercetin on rat testis against arsenic: a histological and biochemical study.

Cytogenotoxicity assessment of monocrotophos and butachlor at single and combined chronic exposures in the fish *Catla catla* (Hamilton).

Chronic cardiovascular disease-associated gene network analysis in human umbilical vein endothelial cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Estrogenic endocrine-disrupting chemicals modulate the production of inflammatory mediators and cell viability of lipopolysaccharide-stimulated macrophages.

Adherence in a pragmatic randomized controlled trial on prophylactic iron supplementation during pregnancy in Maputo, Mozambique.

Gestational exposure to the AhR agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin induces BRCA-1 promoter hypermethylation and reduces BRCA-1 expression in mammary tissue of rat offspring: preventive effects of resveratrol.

Inorganic Arsenic-induced cellular transformation is coupled with genome wide changes in chromatin structure, transcriptome and splicing patterns.

Role of autophagy in arsenite-induced neurotoxicity: the involvement of α -synuclein.

Mitochondrial superoxide in osteocytes perturbs canalicular networks in the setting of age-related osteoporosis.

Controlled-release mitochondrial protonophore reverses diabetes and steatohepatitis in rats.

The cellular and molecular progression of mitochondrial dysfunction induced by 2,4-dinitrophenol in developing zebrafish embryos.

In Ivorian school-age children, infection with hookworm does not reduce dietary iron absorption or systemic iron utilization, whereas afebrile *Plasmodium falciparum* infection reduces iron absorption by half.

Serum metabolomics reveals that arsenic exposure disrupted lipid and amino acid metabolism in rats: a step forward in understanding chronic arsenic toxicity.

Cerenkov-specific contrast agents for detection of pH in vivo.

TCDD-induced activation of aryl hydrocarbon receptor regulates the skin stem cell population.

Developmental exposure to 2,3,7,8 tetrachlorodibenzo-p-dioxin attenuates later-life Notch1-mediated T cell development and leukemogenesis.

Effect of NaFeEDTA-fortified soy sauce on zinc absorption in children.

Internal exposure to organochlorine pollutants and cadmium and self-reported health status: a prospective study.

Uremic toxins, oxidative stress, and renal fibrosis: an intertwined complex.

Is lymphocyte adenosine a diagnostic marker of clinical malignant hyperthermia? A pilot study.

Ferrous sulfate supplementation causes significant gastrointestinal side-effects in adults: a systematic review and meta-analysis.

Behavioral characterization of mouse models of neuroferritinopathy.

Identification of modulators of the nuclear receptor peroxisome proliferator-activated receptor α (PPAR α) in a mouse liver gene expression compendium.

Transcriptional profiling of rat hypothalamus response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Systematic review and meta-analysis: what is the evidence for oral iron supplementation in treating anaemia in elderly people?

Health related quality of life and polychlorinated biphenyls and dibenzofurans exposure: 30 years follow-up of Yucheng cohort.

Cardiac toxicity by sublethal 2,3,7,8-tetrachlorodibenzo-p-dioxin correlates with its anti-proliferation effect on cardiomyocytes in zebrafish embryos.

Effect of uraemia on endothelial cell damage is mediated by the integrin linked kinase pathway.

Novel heat shock protein 90 inhibitor NVP-AUY922 synergizes with the histone deacetylase inhibitor PXD101 in induction of death of anaplastic thyroid carcinoma cells.

The effect of folic acid supplementation with ferrous sulfate on the linear and ponderal growth of children aged 6-24 months: a randomized controlled trial.

Lysyl oxidase expression is decreased in the developing diaphragm and lungs of nitrofen-induced congenital diaphragmatic hernia.

A user-friendly and scalable process to prepare a ready-to-use inactivated vaccine: the example of heartwater in ruminants under tropical conditions.

Aryl hydrocarbon receptor SNP -130 C/T associates with dioxins susceptibility through regulating its receptor activity and downstream effectors including interleukin 24.

Metabolic disturbances of the vitamin A pathway in human diaphragmatic hernia.

Urinary amino acid alterations in 3-year-old children with neurodevelopmental effects due to perinatal dioxin exposure in Vietnam: a nested case-control study for neurobiomarker discovery.

Shed syndecan-1 translocates to the nucleus of cells delivering growth factors and inhibiting histone acetylation: a novel mechanism of tumor-host cross-talk.

Solid lipid nanoparticles loaded with iron to overcome barriers for treatment of iron deficiency anemia.

Clinical and analytical problems of sodium azide poisonings as exemplified by a case of fatal suicidal poisoning.

Ferric maltol (ST10): a novel oral iron supplement for the treatment of iron deficiency anemia in inflammatory bowel disease.

Extrapyramidal system neurotoxicity: animal models.

[MODELING IN VITRO PATHWAYS OF ACTIVATION OF LIPID PEROXIDATION AND PROTEIN IN CHRONIC KIDNEY DISEASE].

Dioxin-Produced Alteration in the Profiles of Fecal and Urinary Metabolomes: A Change in Bile Acids and Its Relevance to Toxicity.

Environment and Endometriosis: a toxic relationship.

Novel 3'-Processing Integrase Activity Assay by Real-Time PCR for Screening and Identification of HIV-1 Integrase Inhibitors.

In Vitro Protective Potentials of *Annona muricata* Leaf Extracts Against Sodium Arsenite-induced Toxicity.

Impact of Indoxyl Sulfate, a Uremic Toxin, on Non-Culprit Coronary Plaque Composition Assessed on Integrated Backscatter Intravascular Ultrasound.

Indoxyl sulfate, not P-cresyl sulfate, is associated with advanced glycation end products in patients on long-term hemodialysis.

Dietary factors in the etiology of Parkinson's disease.

Transgenic sugarcane resistant to Sorghum mosaic virus based on coat protein gene silencing by RNA interference.

Serum free indoxyl sulfate associated with in-stent restenosis after coronary artery stentings.

The influence of low level pre- and perinatal exposure to PCDD/Fs, PCBs, and lead on attention performance and attention-related behavior among German school-aged children: results from the Duisburg Birth Cohort Study.

Borax partially prevents neurologic disability and oxidative stress in experimental spinal cord ischemia/reperfusion injury.

Ferric carboxymaltose: a review of its use in iron deficiency.

Release of uremic retention solutes from protein binding by hypertonic predilution hemodiafiltration.

Enhancement of cytotoxic effect on human head and neck cancer cells by combination of photodynamic therapy and sulforaphane.

Decidual β -carotene-15,15'-oxygenase-1 and 2 (BCMO1,2) expression is increased in nitrofen model of congenital diaphragmatic hernia.

Disruption of copper-dependent signaling pathway in the nitrofen-induced congenital diaphragmatic hernia.

Exposure to As-, Cd-, and Pb-mixture induces $A\beta$, amyloidogenic APP processing and cognitive impairments via oxidative stress-dependent neuroinflammation in young rats.

Effects of acute hypercapnia with and without acidosis on lung inflammation and apoptosis in experimental acute lung injury.

Alterations of platelet functions in children and adolescents with iron-deficiency anemia and response to therapy.

Microbial Metabolism Shifts Towards an Adverse Profile with Supplementary Iron in the TIM-2 In vitro Model of the Human Colon.

Growth Period Effects on the Protective Properties of Aloe vera Against t-BHP-Induced Oxidative Stress in Chang Cells.

Roles of oxidative stress and the ERK1/2, PTEN and p70S6K signaling pathways in arsenite-induced autophagy.

World Health Organization estimates of the global and regional disease burden of four foodborne chemical toxins, 2010: a data synthesis.

Nostoc sp. extract induces oxidative stress-mediated root cell destruction in *Mimosa pigra* L.

Aryl hydrocarbon receptor antagonism and its role in rheumatoid arthritis.

Effect of in utero exposure to endocrine disruptors on fetal steroidogenesis governed by the pituitary-gonad axis: a study in rats using different ways of administration.

Spray Toxicity and Risk Potential of 42 Commonly Used Formulations of Row Crop Pesticides to Adult Honey Bees (Hymenoptera: Apidae).

Combining a PagP fusion protein system with nickel ion-catalyzed cleavage to produce intrinsically disordered proteins in *E. coli*.

Liquid chromatography with tandem mass spectrometry for the determination of flufenoxuron in blood using automatic solid phase extraction and its application to a fatal case of flufenoxuron poisoning.

EPHECT III: Health risk assessment of exposure to household consumer products.

Effects of iron-glycine chelate on growth, carcass characteristic, liver mineral concentrations and haematological and biochemical blood parameters in broilers.

Determination of Heavy Metal Concentrations in Normal and Pathological Human Endometrial Biopsies and In Vitro Regulation of Gene Expression by Metals in the Ishikawa and Hec-1b Endometrial Cell Line.

A fetal whole ovarian culture model for the evaluation of CrVI-induced developmental toxicity during germ cell nest breakdown.

Paraquat and psychological stressor interactions as pertains to Parkinsonian co-morbidity.

Monomethylarsonous Acid (MMAIII) Has an Adverse Effect on the Innate Immune Response of Human Bronchial Epithelial Cells to *Pseudomonas aeruginosa*.

Seahorse Xfe 24 Extracellular Flux Analyzer-Based Analysis of Cellular Respiration in *Caenorhabditis elegans*.

An examination of fitness costs of glyphosate resistance in the common morning glory, *Ipomoea purpurea*.

Developmental origin of abnormal dendritic growth in the mouse brain induced by in utero disruption of aryl hydrocarbon receptor signaling.

Red palm oil-supplemented and biofortified cassava gari increase the carotenoid and retinyl palmitate concentrations of triacylglycerol-rich plasma in women.

Resveratrol via sirtuin-1 downregulates RE1-silencing transcription factor (REST) expression preventing PCB-95-induced neuronal cell death.

Evaluation of [(11)C]methyl-losartan and [(11)C]methyl-EXP3174 for PET imaging of renal AT1receptor in rats.

Differential embryotoxicity of the organic pollutants in rural and urban air particles.

Suicidal Fatality from Azide Ingestion.

Transplanted Lichen *Pseudovernia furfuracea* as a Multi-Tracer Monitoring Tool Near a Solid Waste Incinerator in Italy: Assessment of Airborne Incinerator-Related Pollutants.

The fish embryo test (FET): origin, applications, and future.

Do hormone-modulating chemicals impact on reproduction and development of wild amphibians?

Increased susceptibility of H-Ras(G12V)-transformed human urothelial cells to the genotoxic effects of sodium arsenite.

Treatment Following Intoxication With Lethal Dose of Paraquat: A Case Report and Review of Literature.

Effect of acute paraquat poisoning on CYP450 isoforms activity in rats by cocktail method.

Synthesis of a PET tau tracer [^{11}C]PBB3 for imaging of Alzheimer's disease.

Transcriptional profiling of rat white adipose tissue response to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin.

Absorption of PCB126 by upper airways impairs G protein-coupled receptor-mediated immune response.

Screening a mouse liver gene expression compendium identifies modulators of the aryl hydrocarbon receptor (AhR).

Pathogenicity Stimulation of *Sclerotinia sclerotiorum* by Subtoxic Doses of Carbendazim.

Activation of NRF2 pathway in spleen, thymus as well as peripheral blood mononuclear cells by acute arsenic exposure in mice.

Cordyceps sinensis oral liquid prolongs the lifespan of the fruit fly, *Drosophila melanogaster*, by inhibiting oxidative stress.

Erratum to: Diquat causes caspase-independent cell death in SH-SY5Y cells by production of ROS independently of mitochondria.

2,3,7,8-tetrachlorodibenzo-*p*-dioxin decrease expression of aryl hydrocarbon receptor in peripheral lymphocyte of β^0 -thalassemia major patients.

Tumor necrosis factor- α inhibits effects of aryl hydrocarbon receptor ligands on cell death in human lymphocytes.

Removal of multi-substituted nitroaromatic pollutants by zero valent iron: a comparison of performance, kinetics, toxicity and mechanisms.

Transcription factor p63 controls the reserve status but not the stemness of horizontal basal cells in the olfactory epithelium.

[Fatal course following poisoning with an illegal weight-reducing agent].

The geographic mosaic of herbicide resistance evolution in the common morning glory, *Ipomoea purpurea*: Evidence for resistance hotspots and low genetic differentiation across the landscape.

Biotin amelioration of nephrotoxicity in streptozotocin-induced diabetic mice.

A computational method for the identification of new candidate carcinogenic and non-carcinogenic chemicals.

Silymarin attenuates paraquat-induced lung injury via Nrf2-mediated pathway in *in vivo* and *in vitro*.

Polychlorinated Biphenyls (PCB 101, 153, and 180) Impair Murine Macrophage Responsiveness to Lipopolysaccharide: Involvement of NF- κ B Pathway.

Interleukin-1 β protects astrocytes against oxidant-induced injury via an NF- κ B-dependent upregulation of glutathione synthesis.

Biochemical and Molecular Alterations Following Arsenic-Induced Oxidative Stress and Mitochondrial Dysfunction in Rat Brain.

Green tea (*Camellia sinensis*) alleviates arsenic-induced damages to DNA and intestinal tissues in rat and in situ intestinal loop by reinforcing antioxidant system.

TCDD and corticosterone on testicular steroidogenesis and antioxidant system of epididymal sperm in rats.

Body Mass Parameters, Lipid Profiles and Protein Contents of Zebrafish Embryos and Effects of 2,4-Dinitrophenol Exposure.

Male and female mice show significant differences in hepatic transcriptomic response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Impact of Xuebijing and ulinastatin as assistance for hemoperfusion in treating acute paraquat poisoning.

Fluorescent magnetic bead-based mast cell biosensor for electrochemical detection of allergens in foodstuffs.

Genetic Deficiency of Glutathione S-Transferase P Increases Myocardial Sensitivity to Ischemia-Reperfusion Injury.

Substrate and stereocontrolled iodocycloetherification of highly functionalized enantiomerically pure allylic alcohols: application to synthesis of cytotoxic 2-epi jaspine B and its biological evaluation.

Glyphosate, neurological diseases - and the scientific method.

Reproduction of the Medicinal Plant *Pelargonium sidoides* via Somatic Embryogenesis.

Effect of heat stress-induced production of mitochondrial reactive oxygen species on NADPH oxidase and heme oxygenase-1 mRNA levels in avian muscle cells.

The mitochondrial uncoupler DNP triggers brain cell mTOR signaling network reprogramming and CREB pathway up-regulation.

Acute toxicity of selected organic pollutants to saltwater (mysid *Siriella armata*) and freshwater (cladoceran *Daphnia magna*) ecotoxicological models.

The effects of drugs with immunosuppressive or immunomodulatory activities on xenobiotics-metabolizing enzymes expression in primary human hepatocytes.

Correlation of Serum Thyroid Hormones Autoantibodies with Self-Reported Exposure to Thyroid Disruptors in a Group of Nonsegmental Vitiligo Patients.

Response to: Letter to the Editor: Blood levels of PCDDs, PCDFs, and coplanar PCBs in Yusho mothers and their descendants: Association with fetal Yusho disease.

Comparison of toxicity values across zebrafish early life stages and mammalian studies: Implications for chemical testing.

Genotoxic effects of boric acid and borax in zebrafish, *Danio rerio* using alkaline comet assay.

Protective effects of thalidomide on pulmonary injuries in a rat model of paraquat intoxication.

Severe Illness from Methyl Bromide Exposure at a Condominium Resort--U.S. Virgin Islands, March 2015.

[Endocrine disrupting chemicals exposure and other parental factors in hypospadias and cryptorchidism etiology].

Endothelial disruptive proinflammatory effects of nicotine and e-cigarette vapor exposures.

Butafenacil: A positive control for identifying anemia- and variegate porphyria-inducing chemicals.

Effects of sub-lethal doses of glyphosate on honeybee navigation.

Paralytic ileus induced by glyphosate intoxication successfully treated using Kampo medicine.

Protective effect of telmisartan treatment against arsenic-induced testicular toxicity in rats.

Gastrointestinal protective efficacy of Kolaviron (a bi-flavonoid from *Garcinia kola*) following a single administration of sodium arsenite in rats: Biochemical and histopathological studies.

Effects of Endocrine-Disrupting Chemicals on the Ovary.

Lipid Peroxide-Derived Short-Chain Carbonyls Mediate Hydrogen Peroxide-Induced and Salt-Induced Programmed Cell Death in Plants.

Pharmacokinetic and Genomic Effects of Arsenite in Drinking Water on Mouse Lung in a 30-Day Exposure.

Mechanisms of Fatal Cardiotoxicity following High-Dose Cyclophosphamide Therapy and a Method for Its Prevention.

Mitochondrial Morphology and Fundamental Parameters of the Mitochondrial Respiratory Chain Are Altered in *Caenorhabditis elegans* Strains Deficient in Mitochondrial Dynamics and Homeostasis Processes.

Red Wine Again? Commentary on an article by Erin L. Hsu, PhD, et al.: "Dioxin Exposure Impairs BMP-2-Mediated Spinal Fusion in a Rat Arthrodesis Model".

Dioxin Exposure Impairs BMP-2-Mediated Spinal Fusion in a Rat Arthrodesis Model.

Paraquat exposure induces behavioral deficits in larval zebrafish during the window of dopamine neurogenesis.

AhR-dependent secretion of PDGF-BB by human classically activated macrophages exposed to DEP extracts stimulates lung fibroblast proliferation.

Fish embryo toxicity test: identification of compounds with weak toxicity and analysis of behavioral effects to improve prediction of acute toxicity for neurotoxic compounds.

Critical Role of TAK1-Dependent Nuclear Factor- κ B Signaling in 2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced Astrocyte Activation and Subsequent Neuronal Death.

Relation between cell death progression, reactive oxygen species production and mitochondrial membrane potential in fermenting *Saccharomyces cerevisiae* cells under heat-shock conditions.

Planteose as a storage carbohydrate required for early stage of germination of *Orobancha minor* and its metabolism as a possible target for selective control.

Contribution of impaired myofibril and ryanodine receptor function to prolonged low-frequency force depression after in situ stimulation in rat skeletal muscle.

Screening of high phytotoxicity priority pollutants and their ecological risk assessment in China's surface waters.

Characterization of Batracylin-induced Renal and Bladder Toxicity in Rats.

Phosphatidylcholine Specific PLC-Induced Dysregulation of Gap Junctions, a Robust Cellular Response to Environmental Toxicants, and Prevention by Resveratrol in a Rat Liver Cell Model.

Lithium protects against paraquat neurotoxicity by NRF2 activation and miR-34a inhibition in SH-SY5Y cells.

Clinical features and prognosis of paraquat poisoning: a review of 41 cases.

Characterization of mucosa-associated bacterial communities in abomasal ulcers by pyrosequencing.

Transgenic LRRK2 (R1441G) rats-a model for Parkinson disease?

[The Effect of Maternal Exposure to Dioxins on the Level of Thyroid Hormone in Developing Pups].

Predicting the aquatic risk of realistic pesticide mixtures to species assemblages in Portuguese river basins.

Metabolic switching: synergistic induction of carotenogenesis in the aerial microalga, *Vischeria helvetica*, under environmental stress conditions by inhibitors of fatty acid biosynthesis.

Increased brain nitric oxide levels following ethanol administration.

Contribution of environmental toxins in the pathogenesis of idiopathic cardiomyopathies.

Acute toxicity of arsenic and oxidative stress responses in the embryonic development of the common South American toad *Rhinella arenarum*.

Utility of cell viability assays for use with ex vivo vocal fold epithelial tissue.

Concentration addition-based approach for aquatic risk assessment of realistic pesticide mixtures in Portuguese river basins.

Neuropathological effect of dimethyl disulfide on neurons of the desert locust *Schistocerca gregaria*.

Toxicity assessment of refill liquids for electronic cigarettes.

Intrathecal cannabinoid-1 receptor agonist prevents referred hyperalgesia in acute acrolein-induced cystitis in rats.

PBP1a-deficiency causes major defects in cell division, growth and biofilm formation by *Streptococcus mutans*.

Role of ALADIN in human adrenocortical cells for oxidative stress response and steroidogenesis.

Expression of the aryl hydrocarbon receptor in growth plate cartilage and the impact of its local modulation on longitudinal bone growth.

Use status and metabolism of realgar in Chinese patent medicine.

Synthesis of phenstatin/isocombretastatin-chalcone conjugates as potent tubulin polymerization inhibitors and mitochondrial apoptotic inducers.

A Case Report of Toxic Brain Syndrome Caused by Methyl Bromide.

The Benefit Risk Assessment of Consumption of Marine Species Based on Benefit-Risk Analysis for Foods (BRAFO)-tiered Approach.

Identification of distinct circulating exosomes in Parkinson's disease.

The Protective Effect of Sodium Ferulate and Oxymatrine Combination on Paraquat-induced Lung Injury.

Regulation of CYP1A1 and Inflammatory Cytokine by NCOA7 Isoform 4 in Response to Dioxin Induced Airway Inflammation.

Triphenyl phosphate-induced developmental toxicity in zebrafish: potential role of the retinoic acid receptor.

2-Acetylcyclopentanone, an enolate-forming 1,3-dicarbonyl compound, is cytoprotective in warm ischemia-reperfusion injury of rat liver.

Acute toxicity and sublethal effects of gallic and pelargonic acids on the zebrafish *Danio rerio*.

Regulation of human hepatic drug transporter activity and expression by diesel exhaust particle extract.

Potency of polycyclic aromatic hydrocarbons (PAHs) for induction of ethoxyresorufin-O-deethylase (EROD) activity in hepatocyte cultures from chicken, Pekin duck, and greater scaup.

How unclogging a sink can be lethal: case report of an accidental methyl bromide poisoning leading to a multiple organ failure.

Alcohol induced alterations to the human fecal VOC metabolome.

Inflammation and pyroptosis mediate muscle expansion in an interleukin-1 β (IL-1 β)-dependent manner.

Effect of Glyphosate Application on Sudden Death Syndrome of Glyphosate-Resistant Soybean Under Field Conditions.

Idiopathic erythrocytosis in a patient on chronic hemodialysis.

Malabsorption of iron as a cause of iron deficiency anemia in postmenopausal women.

[Combined toxicity of cadmium and S-metolachlor to *Scenedesmus obliquus*].

Ulinastatin suppresses endoplasmic reticulum stress and apoptosis in the hippocampus of rats with acute paraquat poisoning.

Suppression of human B cell activation by 2,3,7,8-tetrachlorodibenzo-p-dioxin involves altered regulation of B cell lymphoma-6.

Phosphate fertilizer is a main source of arsenic in areas affected with chronic kidney disease of unknown etiology in Sri Lanka.

The aryl hydrocarbon receptor: a review of its role in the physiology and pathology of the integument and its relationship to the tryptophan metabolism.

Aryl hydrocarbon receptor 2 mediates the toxicity of Paclitaxel on the digestive system of zebrafish embryos.

Nitric oxide production and sequestration in the sinus gland of the green shore crab *Carcinus maenas*.

Quantitative proteomics and transcriptomics reveal key metabolic processes associated with cotton fiber initiation.

Dinitrophenol modulates gene expression levels of angiogenic, cell survival and cardiomyogenic factors in bone marrow derived mesenchymal stem cells.

Disparate roles of zinc in chemical hypoxia-induced neuronal death.

Pollutants in pet dogs: a model for environmental links to breast cancer.

Risk assessment based prioritization of 200 organic micropollutants in 4 Iberian rivers.

Chloroacetic acid triggers apoptosis in neuronal cells via a reactive oxygen species-induced endoplasmic reticulum stress signaling pathway.

Craniofacial form is altered by chronic adult exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in Han/Wistar and Long-Evans rats with different aryl hydrocarbon receptor (AhR) structures.

Phenolic excipients of insulin formulations induce cell death, pro-inflammatory signaling and MCP-1 release.

LETHAL EFFECTS OF PESTICIDES ON THE NAUPLII FAIRY SHRIMP, BRANCHINELLA THAILANDENSIS.

Paraquat Poisoning: Analysis of an Uncommon Cause of Fatal Poisoning from Manipal, South India.

[The Relationship of Obesity to the Character of Nutrition].

Different regulation of aryl hydrocarbon receptor-regulated genes in response to dioxin in undifferentiated and neuronally differentiated human neuroblastoma SH-SY5Y cells.

The Role of the Metabolism of Anticancer Drugs in Their Induced-Cardiotoxicity.

Glu504Lys Single Nucleotide Polymorphism of Aldehyde Dehydrogenase 2 Gene and the Risk of Human Diseases.

Naringin ameliorates sodium arsenite-induced renal and hepatic toxicity in rats: decisive role of KIM-1, Caspase-3, TGF- β^2 , and TNF- α .

Evaluation of effects of Maa¹á, áurabhasma on structural and functional integrity of small intestine in comparison with ferrous sulfate using an experimental model of iron deficiency anemia.

Modulation of aryl hydrocarbon receptor regulated genes by acute administration of trimethylarsine oxide in the lung, kidney and heart of C57BL/6 mice.

Molecular biology of the stress response in the early embryo and its stem cells.

Increase in oxidative stress biomarkers in dogs with ascending-descending myelomalacia following spinal cord injury.

Acute toxicity and ecotoxicological risk assessment of rice pesticides to *Lithobates catesbeianus* tadpoles.

Methyl bromide fumigation and delayed mortality: safe trade of live pests?

Plant growth hormones suppress the development of *Harpophora maydis*, the cause of late wilt in maize.

Oxidative stress in COPD: molecular background and clinical monitoring.

Olive oil and its phenolic constituent tyrosol attenuates dioxin-induced toxicity in peripheral blood mononuclear cells via an antioxidant-dependent mechanism.

Exposure to a continuous low dose of tetrachlorodibenzo-p-dioxin impairs the development of the tooth root in lactational rats and alters the function of apical papilla-derived stem cells.

Adiponectin protects against paraquat-induced lung injury by attenuating oxidative/nitrative stress.

Chronic exposure to low-dose arsenic modulates lipogenic gene expression in mice.

Protective effect of Xuebijing injection on paraquat-induced pulmonary injury via down-regulating the expression of p38 MAPK in rats.

Toxicity of sulcotrione and grape marc on *Vicia faba* cells.

Exposure to mitochondrial genotoxins and dopaminergic neurodegeneration in *Caenorhabditis elegans*.

Short-term oral atrazine exposure alters the plasma metabolome of male C57BL/6 mice and disrupts ω -linolenate, tryptophan, tyrosine and other major metabolic pathways.

Salidroside alleviates paraquat-induced rat acute lung injury by repressing TGF- β 1 expression.

The impact of Eskoba, a glyphosate formulation, on the freshwater plankton community.

Sex-specific enhanced behavioral toxicity induced by maternal exposure to a mixture of low dose endocrine-disrupting chemicals.

Acute systemic accumulation of acrolein in mice by inhalation at a concentration similar to that in cigarette smoke.

Continuous renal replacement therapy circuit failure after antidote administration.

The role of p38 MAPK in acute paraquat-induced lung injury in rats.

Ozone therapy ameliorates paraquat-induced lung injury in rats.

Therapeutical effects and mechanism of salubrinal combined with ulinastatin on treating paraquat poisoning.

The roles of the shikimate pathway genes, *aroA* and *aroB*, in virulence, growth and UV tolerance of *Burkholderia glumae* strain 411gr-6.

Paraquat increases connective tissue growth factor expression and impairs lung fibroblast proliferation and viscoelasticity.

Prediction of patient survival in cases of acute paraquat poisoning.

Australia's pesticide environmental risk assessment failure: the case of diuron and sugarcane.

Psychiatric comorbidity and its impact on mortality in patients who attempted suicide by paraquat poisoning during 2000-2010.

Glyphosate-rich air samples induce IL-33, TSLP and generate IL-13 dependent airway inflammation.

[Progress on pathogenesis and treatment of paraquat-induced pulmonary fibrosis].

[Progress in the mechanism of cytokine on lung injury caused by acute paraquat poisoning].

[Milk gargle and activated carbon retention enema in the application of the treatment of acute paraquat poisoning].

[Effect of thalidomide in a mouse model of paraquat-induced acute lung injury and the underlying mechanisms].

Impaired development of female mouse offspring maternally exposed to simazine.

Various effects of the photosystem II-inhibiting herbicides on 5-n-alkylresorcinol accumulation in rye seedlings.

Diagnostic and therapeutic approach for acute paraquat intoxication.

Carcinogenicity of metamifop, a novel herbicide, in Wistar rats following oral administration for 104 weeks.

Metabolic and behavior changes in surubim acutely exposed to a glyphosate-based herbicide.

Tissue sensitivity of the rat upper and lower extrapulmonary airways to the inhaled electrophilic air pollutants diacetyl and acrolein.

Soil surface colonization by phototrophic indigenous organisms, in two contrasted soils treated by formulated maize herbicide mixtures.

Induced pluripotent stem cells without c-Myc ameliorate retinal oxidative damage via paracrine effects and reduced oxidative stress in rats.

Metallothioneins attenuate paraquat-induced acute lung injury in mice through the mechanisms of anti-oxidation and anti-apoptosis.

Progression of DNA damage induced by a glyphosate-based herbicide in fish (*Anguilla anguilla*) upon exposure and post-exposure periods--insights into the mechanisms of genotoxicity and DNA repair.

Occupational exposure to pesticides and endotoxin and Parkinson disease in the Netherlands.

AMP-activated protein kinase deficiency rescues paraquat-induced cardiac contractile dysfunction through an autophagy-dependent mechanism.

Toxic effects of paraquat on cytokine expression in common carp, *Cyprinus carpio* L.

Negative effects of low dose atrazine exposure on the development of effective immunity to FV3 in *Xenopus laevis*.

Guarana (*Paullinia cupana* Mart.) prevents β -amyloid aggregation, generation of advanced glycation-end products (AGEs), and acrolein-induced cytotoxicity on human neuronal-like cells.

Pesticide exposure as a risk factor for myelodysplastic syndromes: a meta-analysis based on 1,942 cases and 5,359 controls.

Immediate and delayed effects of subchronic Paraquat exposure during an early differentiation stage in 3D-rat brain cell cultures.

Pesticides exposure as etiological factors of Parkinson's disease and other neurodegenerative diseases--a mechanistic approach.

Exchange transfusion can be life-saving in severe propanil poisoning: a case report.

Evaluation of the genotoxicity of a herbicide formulation containing 3,6-dichloro-2-methoxybenzoic acid (dicamba) in circulating blood cells of the tropical fish *Cnesterodon decemmaculatus*.

A critical review of the epidemiology of Agent Orange/TCDD and prostate cancer.

Effects of field-realistic doses of glyphosate on honeybee appetitive behaviour.

Effects of atrazine and chlorpyrifos on DNA methylation in the liver, kidney and gill of the common carp (*Cyprinus carpio* L.).

QTc prolongation as a useful prognostic factor in acute paraquat poisoning.

Agrichemicals chronically inhibit the cortisol response to stress in fish.

Synergy between glyphosate- and cypermethrin-based pesticides during acute exposures in tadpoles of the common South American toad *Rhinella arenarum*.

Inhibition effect of glyphosate on the acute and subacute toxicity of cadmium to earthworm *Eisenia fetida*.

Histopathological and biochemical changes in goldfish kidney due to exposure to the herbicide Sencor may be related to induction of oxidative stress.

Liposomal inhibition of acrolein-induced injury in rat cultured urothelial cells.

An unusual case of non-fatal poisoning due to herbicide 4-chloro-2-methyl phenoxyacetic acid (MCPA).

Mutation in *Drosophila methuselah* resists paraquat induced Parkinson-like phenotypes.

Prediction of paraquat exposure and toxicity in clinically ill poisoned patients: a model based approach.

Effects of bentazone on lipid peroxidation and antioxidant systems in human erythrocytes in vitro.

The experimental autoimmune encephalomyelitis disease course is modulated by nicotine and other cigarette smoke components.

Alterations in energy/redox metabolism induced by mitochondrial and environmental toxins: a specific role for glucose-6-phosphate-dehydrogenase and the pentose phosphate pathway in paraquat toxicity.

A comparison of temporal trends in United States autism prevalence to trends in suspected environmental factors.

Acrolein induced both pulmonary inflammation and the death of lung epithelial cells.

Pro- and anti-inflammatory cytokine expression in immune organs of the common carp exposed to atrazine and chlorpyrifos.

Synergistic effects on dopamine cell death in a *Drosophila* model of chronic toxin exposure.

Erythema multiforme-like eruption following acute allergic contact dermatitis after exposure to the emulsified herbicide acetochlor.

The effect of cypermethrin, chlorpyrifos, and glyphosate active ingredients and formulations on *Daphnia magna* (Straus).

Alteration of plant physiology by glyphosate and its by-product aminomethylphosphonic acid: an overview.

Effects of the surfactant polyoxyethylene amine (POEA) on genotoxic, biochemical and physiological parameters of the freshwater teleost *Prochilodus lineatus*.

2,4-Dichlorophenoxyacetic acid promotes S-nitrosylation and oxidation of actin affecting cytoskeleton and peroxisomal dynamics.

Antioxidant and neurotoxicity markers in the model organism *Enchytraeus albidus* (Oligochaeta): mechanisms of response to atrazine, dimethoate and carbendazim.

Effects of glyphosate-based herbicides on survival, development, growth and sex ratios of wood frog (*Lithobates sylvaticus*) tadpoles. II: agriculturally relevant exposures to Roundup WeatherMax[®] and Vision[®] under laboratory conditions.

Effects of glyphosate-based herbicides on survival, development, growth and sex ratios of wood frogs (*Lithobates sylvaticus*) tadpoles. I: chronic laboratory exposures to VisionMax[®].

Earthworm tolerance to residual agricultural pesticide contamination: field and experimental assessment of detoxification capabilities.

Acrolein-exposed normal human lung fibroblasts in vitro: cellular senescence, enhanced telomere erosion, and degradation of Werner's syndrome protein.

Comparison between kidney and continuous plasma perfusion for paraquat elimination.

RBE4 cells are highly resistant to paraquat-induced cytotoxicity: studies on uptake and efflux mechanisms.

Effect of glyphosate-based herbicide on early life stages of Java medaka (*Oryzias javanicus*): a potential tropical test fish.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.

The LYR factors SDHAF1 and SDHAF3 mediate maturation of the iron-sulfur subunit of succinate dehydrogenase.

Hydrogen peroxide responsive miR153 targets Nrf2/ARE cytoprotection in paraquat induced dopaminergic neurotoxicity.

Toxicity endpoint selections for a simazine risk assessment.

Agent Orange exposure and disease prevalence in Korean Vietnam veterans: the Korean veterans health study.

FTY720 attenuates paraquat-induced lung injury in mice.

Novel molecular events associated with altered steroidogenesis induced by exposure to atrazine in the intact and castrate male rat.

Effects of the acute exposition to glyphosate-based herbicide on oxidative stress parameters and antioxidant responses in a hybrid Amazon fish surubim (*Pseudoplatystoma* sp).

Acrolein decreases endothelial cell migration and insulin sensitivity through induction of let-7a.

Betanin attenuates paraquat-induced liver toxicity through a mitochondrial pathway.

The effects of sublethal levels of 2,4-dichlorophenoxyacetic acid herbicide (2,4-D) on feeding behaviors of the crayfish *O. rusticus*.

Response of the green alga *Oophila* sp., a salamander endosymbiont, to a PSII-inhibitor under laboratory conditions.

CYP2E1-mediated oxidative stress regulates HO-1 and GST expression in maneb- and paraquat-treated rat polymorphonuclear leukocytes.

Comparative evaluation in vitro of the herbicide flurochloridone by cytokinesis-block micronucleus cytome and comet assays.

From surface to intracellular non-invasive nanoscale study of living cells impairments.

[Toxicity of three chlorophenols to protozoa *Tetrahymena thermophila*].

Esophageal perforation and death following glyphosate poisoning.

Glyphosate affects the spontaneous motoric activity of intestine at very low doses - in vitro study.

Response.

Letter to the editor. Re: The perplexing paradox of paraquat: the case for host-based susceptibility and postulated neurodegenerative effects.

An acute exposure to glyphosate-based herbicide alters aromatase levels in testis and sperm nuclear quality.

Subchronic atrazine exposure changes defensive behaviour profile and disrupts brain acetylcholinesterase activity of zebrafish.

Effects of atrazine on endocrinology and physiology in juvenile barramundi, *Lates calcarifer* (Bloch).

Changes in phosphatidylinositol 3-kinase 55 kDa γ expression and subcellular localization may be caspase 6 dependent in paraquat-induced SH-SY5Y apoptosis.

Clinical characteristics of paraquat poisoning in 22 Chinese children.

Unilateral hippocampal infarction associated with an attempted suicide: a case report.

Regulation of expression and activity of multidrug resistance proteins MRP2 and MDR1 by estrogenic compounds in Caco-2 cells. Role in prevention of xenobiotic-induced cytotoxicity.

Mechanisms underlying the neurotoxicity induced by glyphosate-based herbicide in immature rat hippocampus: involvement of glutamate excitotoxicity.

Heat shock protein-70 (Hsp-70) suppresses paraquat-induced neurodegeneration by inhibiting JNK and caspase-3 activation in *Drosophila* model of Parkinson's disease.

Hemolytic uremic syndrome associated with paraquat intoxication.

[Tumor necrosis factor- α induced protein 6 attenuates acute kidney injury following paraquat poisoning in rats].

[The efficacy of traditional Chinese medicine in animal model of lung injury induced by paraquat: a meta-analysis].

[Reproduction of acute lung injury model induced by paraquat in piglet].

[The interventional effect of Xuebijing injection on expression of mitochondrial fusion protein 2 and the ultrastructure changes in lung tissues in rats with paraquat poisoning].

[Total flavonoids from *Astragalus complanatus* attenuates lung injury following paraquat poisoning in rats through inhibiting excessive endoplasmic reticulum stress and c-Jun N-terminal kinase pathway].

[An analysis of relevant factors of early death in acute paraquat poisoning].

[Early acute liver injury in paraquat poisoning rats].

[Relationship between endothelial damage and p120-catenin in paraquat intoxication and the protective effect of mangiferin].

Atrazine and pregnancy outcomes: a systematic review of epidemiologic evidence.

The impact of Agent Orange on characteristics of coronary artery lesion and repeat revascularization.

Endogenous dopamine is involved in the herbicide paraquat-induced dopaminergic cell death.

National toxicovigilance for pesticide exposures resulting in health care contact - An example from the UK's National Poisons Information Service.

Methylene blue protects against paraquat-induced acute lung injury in rats.

New insights into antioxidant strategies against paraquat toxicity.

Effects of glyphosate on growth rate, metabolic rate and energy reserves of early juvenile crayfish, *Cherax quadricarinatus* M.

The difference between temperate and tropical saltwater species' acute sensitivity to chemicals is relatively small.

Histopathological and estrogen effect of pentachlorophenol on the rare minnow (*Gobiocypris rarus*).

Genotoxic effects of glyphosate or paraquat on earthworm coelomocytes.

Protective effects of exogenous γ -hydroxybutyrate on paraquat toxicity in rat kidney.

Allopurinol reduces levels of urate and dopamine but not dopaminergic neurons in a dual pesticide model of Parkinson's disease.

Acrolein and asthma attack prevalence in a representative sample of the United States adult population 2000-2009.

Airborne acrolein induces keratin-8 (Ser-73) hyperphosphorylation and intermediate filament ubiquitination in bronchiolar lung cell monolayers.

[Prognosis value of urine paraquat semi-quantitative in the patients with acute paraquat poisoning].

[Curcumin alleviated liver oxidative stress injury of rat induced by paraquat].

The effect of glyphosate, its metabolites and impurities on erythrocyte acetylcholinesterase activity.

Validity of geographically modeled environmental exposure estimates.

Impact of glyphosate and glyphosate-based herbicides on the freshwater environment.

The perplexing paradox of paraquat: the case for host-based susceptibility and postulated neurodegenerative effects.

Acute toxicity of multi-walled carbon nanotubes, sodium pentachlorophenate, and their complex on earthworm *Eisenia fetida*.

Naringenin exerts cytoprotective effect against paraquat-induced toxicity in human bronchial epithelial BEAS-2B cells through NRF2 activation.

Diuron-induced rat urinary bladder carcinogenesis: mode of action and human relevance evaluations using the International Programme on Chemical Safety framework.

Exacerbation of symptoms in agricultural pesticide applicators with asthma.

Non-Hodgkin lymphoma and occupational exposure to agricultural pesticide chemical groups and active ingredients: a systematic review and meta-analysis.

Mesoamerica's mystery killer.

Î±-Tocopheryl succinate pre-treatment attenuates quinone toxicity in prostate cancer PC3 cells.

Toxic effects of atrazine on reproductive system of male rats.

Dermal developmental toxicity of N-phenylimide herbicides in rats.

[The prognostic value of the Acute Kidney Injury Network criteria in patients with acute paraquat poisoning].

Agent Orange and heart disease: is there a connection?

Long-term exposure to paraquat alters behavioral parameters and dopamine levels in adult zebrafish (*Danio rerio*).

Effect of superoxide dismutase-entrapped liposomes and protein transduction domain-superoxide dismutase on human umbilical vein endothelial cells.

Effect of transforming growth factor-Î²1 on acute lung injury caused by paraquat.

Lithium prevents acrolein-induced neurotoxicity in HT22 mouse hippocampal cells.

Environmental neurotoxic challenge of conditional alpha-synuclein transgenic mice predicts a dopaminergic olfactory-striatal interplay in early PD.

Potential microbial toxicity and non-target impact of different concentrations of glyphosate-containing herbicide (GCH) in a model Pervious Paving System.

Molecular mechanisms of paraquat-induced acute lung injury: a current review.

A high constitutive catalase activity confers resistance to methyl viologen-promoted oxidative stress in a mutant of the cyanobacterium *Nostoc punctiforme* ATCC 29133.

Chlorpropham and phenisopham: phototransformation and ecotoxicity of carbamates in the aquatic environment.

Toxicological properties of the thiolated inorganic arsenic and arsenosugar metabolite thio-dimethylarsinic acid in human bladder cells.

Kidney biomarkers in MCPA-induced acute kidney injury in rats: reduced clearance enhances early biomarker performance.

Chronic exposure of mice to environmental endocrine-disrupting chemicals disturbs their energy metabolism.

Systems biology approach for evaluating the biological impact of environmental toxicants in vitro.

Cytotoxicity and genotoxicity caused by yttrium oxide nanoparticles in HEK293 cells.

A novel function of sanshools: the alleviation of injury from metolachlor in rice seedlings.

Influence of paraquat on *Chrysomya megacephala* (Fabricius) (Diptera: Calliphoridae) infesting minced-beef substrates in Kelantan, Malaysia.

[Standardized nursing effect of oral damage in acute paraquat poisoning].

[Protective effect of ghrelin against paraquat-induced acute lung injury in mice].

Exposure of mice to atrazine and its metabolite diaminochlorotriazine elicits oxidative stress and endocrine disruption.

Allergic dermatitis from cyanamide for chronic alcoholism detoxification.

Inflammatory and cytotoxic effects of acrolein, nicotine, acetylaldehyde and cigarette smoke extract on human nasal epithelial cells.

Identification of toxicants in cinnamon-flavored electronic cigarette refill fluids.

Consequences of developmental exposure to concentrated ambient ultrafine particle air pollution combined with the adult paraquat and maneb model of the Parkinson's disease phenotype in male mice.

Immunological effects of paraquat on common carp, *Cyprinus carpio* L.

Assessment of DNA damage, cytotoxicity, and apoptosis in human hepatoma (HepG2) cells after flurochloridone herbicide exposure.

Dietary administration of paraquat for 13 weeks does not result in a loss of dopaminergic neurons in the substantia nigra of C57BL/6J mice.

Heart rate-corrected QT interval predicts mortality in glyphosate-surfactant herbicide-poisoned patients.

The effects of 24-h exposure to carbaryl or atrazine on the locomotor performance and overwinter growth and survival of juvenile spotted salamanders (*Ambystoma maculatum*).

Herbicides induce change in metabolic and genetic diversity of bacterial community from a cold oligotrophic lake.

A single exposure to acrolein desensitizes baroreflex responsiveness and increases cardiac arrhythmias in normotensive and hypertensive rats.

Maternal periconceptional occupational exposure to pesticides and selected musculoskeletal birth defects.

Degeneration modulates retinal response to transient exogenous oxidative injury.

Glyphosate, hard water and nephrotoxic metals: are they the culprits behind the epidemic of chronic kidney disease of unknown etiology in Sri Lanka?

Use of a glyphosate-based herbicide-induced nephrotoxicity model to investigate a panel of kidney injury biomarkers.

N-acetyl cysteine prevents synergistic, severe toxicity from two hits of oxidative stress.

Clinico-hematological and tissue changes induced by butachlor in male Japanese quail (*Coturnix japonica*).

Evaluation of exhaled nitric oxide in acute paraquat poisoning: a pilot study.

Cellular impact of combinations of endosulfan, atrazine, and chlorpyrifos on human primary hepatocytes and HepaRG cells after short and chronic exposures.

Effects of repeated applications of chlorimuron-ethyl on the soil microbial biomass, activity and microbial community in the greenhouse.

Flurochloridone-based herbicides induced genotoxicity effects on *Rhinella arenarum* tadpoles (Anura: Bufonidae).

Longevity effect of IGF-1R(+/-) mutation depends on genetic background-specific receptor activation.

[Protective effect and mechanisms of pituitrin on acute paraquat-induced lung injury in rats].

Addition of immunosuppressive treatment to hemoperfusion is associated with improved survival after paraquat poisoning: a nationwide study.

Fluorescence detecting of paraquat using host-guest chemistry with cucurbit[8]uril.

Rotenone and paraquat perturb dopamine metabolism: A computational analysis of pesticide toxicity.

Trivalent arsenic species induce changes in expression and levels of proinflammatory cytokines in intestinal epithelial cells.

Acrolein, a highly toxic aldehyde generated under oxidative stress in vivo, aggravates the mouse liver damage after acetaminophen overdose.

Effect of prometryne on early life stages of marbled crayfish (*Procambarus fallax f. virginalis*).

The effect of subchronic metribuzin exposure to signal crayfish (*Pacifastacus leniusculus* Dana 1852).

Effects of the exposure of fish to triazine herbicides.

Cytoprotective effect of kaempferol on paraquat-exposed BEAS-2B cells via modulating expression of MUC5AC.

CB2 receptor activation ameliorates the proinflammatory activity in acute lung injury induced by paraquat.

[Oxidative stress and antioxidant therapy with alpha-lipoic acid inclusion in acute poisoning by herbicide based on 2,4-dichlorophenoxyacetic acid].

Evaluation of biochemical, haematological, and histopathological responses and recovery ability of common carp (*Cyprinus carpio* L.) after acute exposure to atrazine herbicide.

Effect of chronic exposure to prometryne on oxidative stress and antioxidant response in red swamp crayfish (*Procambarus clarkii*).

Major pesticides are more toxic to human cells than their declared active principles.

Changes in ultrastructure and expression of steroidogenic factor-1 in ovaries of zebrafish *Danio rerio* exposed to glyphosate.

Therapeutic effect of magnesium isoglycyrrhizinate in rats on lung injury induced by paraquat poisoning.

[Curcumin reduces paraquat-induced oxidative injury in A549 cells by activation of the Nrf2-ARE pathway].

Hemodialysis clearance of glyphosate following a life-threatening ingestion of glyphosate-surfactant herbicide.

Hematological and histopathological changes in silver catfish *Rhamdia quelen* (Siluriformes) exposed to clomazone herbicide in the Madre River, Santa Catarina State, Southern Brazil.

Clinical characteristics of patients after dicamba herbicide ingestion.

Effects of acute exposures to mecoprop, mecoprop-p and their biodegradation product (2-MCP) on the larval stages of the Pacific oyster, *Crassostrea gigas*.

Essential roles of iron superoxide dismutase in photoautotrophic growth of *Synechocystis* sp. PCC 6803 and heterogeneous expression of marine *Synechococcus* sp. CC9311 copper/zinc superoxide dismutase within its sodB knockdown mutant.

Development of acute and chronic sediment bioassays with the harpacticoid copepod *Quinquelaophonte* sp.

Chronic exposure to pentachlorophenol alters thyroid hormones and thyroid hormone pathway mRNAs in zebrafish.

Elevated water temperature reduces the acute toxicity of the widely used herbicide diuron to a green alga, *Pseudokirchneriella subcapitata*.

Effects of multigenerational exposures of *D. magna* to environmentally relevant concentrations of pentachlorophenol.

Consensus diagnoses and mode of action for the formation of gastric tumors in rats treated with the chloroacetanilide herbicides alachlor and butachlor.

The impact of Agent Orange exposure on presentation and prognosis of patients with chronic lymphocytic leukemia.

Selenoprotein H suppresses cellular senescence through genome maintenance and redox regulation.

Herbicide paraquat induces sex-specific variation of neuroinflammation and neurodegeneration in *Drosophila melanogaster*.

Catalase inhibition in diabetic rats potentiates DNA damage and apoptotic cell death setting the stage for cardiomyopathy.

Curcumin's neuroprotective efficacy in *Drosophila* model of idiopathic Parkinson's disease is phase specific: implication of its therapeutic effectiveness.

Agent Orange exposure and risk of death in Korean Vietnam veterans: Korean Veterans Health Study.

Protective effects of intranasal curcumin on paraquat induced acute lung injury (ALI) in mice.

MDR1 transporter protects against paraquat-induced toxicity in human and mouse proximal tubule cells.

Metabolism of arsenic trioxide in acute promyelocytic leukemia cells.

Atorvastatin attenuates the paraquat-induced pulmonary inflammation via PPAR γ receptors: a new indication for atorvastatin.

The blockade of transient receptor potential ankirin 1 (TRPA1) signalling mediates antidepressant- and anxiolytic-like actions in mice.

Statil suppresses cancer cell growth and proliferation by the inhibition of tumor marker AKR1B10.

Pharmacological inhibition of CXCR2 chemokine receptors modulates paraquat-induced intoxication in rats.

Acrolein exposure is associated with increased cardiovascular disease risk.

Imbalance of caveolin-1 and eNOS expression in the pulmonary vasculature of experimental diaphragmatic hernia.

Interaction of plasma glutathione redox and folate deficiency on arsenic methylation capacity in Bangladeshi adults.

Localized changes to glycogen synthase kinase-3 and collapsin response mediator protein-2 in the Huntington's disease affected brain.

Differences of urinary arsenic metabolites and methylation capacity between individuals with and without skin lesions in Inner Mongolia, Northern China.

Genetic characterization of the acetohydroxyacid synthase (AHAS) gene responsible for resistance to imidazolinone in chickpea (*Cicer arietinum* L.).

Gallic acid functions as a TRPA1 antagonist with relevant antinociceptive and antiedematogenic effects in mice.

Arsenic methylation capacity and developmental delay in preschool children in Taiwan.

Increased immunoglobulin production in silver catfish (*Rhamdia quelen*) exposed to agrichemicals.

Acrolein detection: potential theranostic utility in multiple sclerosis and spinal cord injury.

Research on tumorigenicity of cinnamaldehyde in melanoma cell lines and its mechanism.

Liposome-encapsulated cinnamaldehyde enhances zebrafish (*Danio rerio*) immunity and survival when challenged with *Vibrio vulnificus* and *Streptococcus agalactiae*.

Transplastomic *Nicotiana benthamiana* plants expressing multiple defence genes encoding protease inhibitors and chitinase display broad-spectrum resistance against insects, pathogens and abiotic stresses.

Neuroprotective role of hydralazine in rat spinal cord injury-attenuation of acrolein-mediated damage.

wALADin benzimidazoles differentially modulate the function of porphobilinogen synthase orthologs.

Distinction between mild cognitive impairment and Alzheimer's disease by CSF amyloid β^{240} and β^{242} , and protein-conjugated acrolein.

Polyphenols bearing cinnamaldehyde scaffold showing cell growth inhibitory effects on the cisplatin-resistant A2780/Cis ovarian cancer cells.

The impact of a specific blend of essential oil components and sodium butyrate in feed on growth performance and *Salmonella* counts in experimentally challenged broilers.

Advanced glycation end products of beta2-microglobulin in uremic patients as determined by high resolution mass spectrometry.

Mechanical stretch exacerbates the cell death in SH-SY5Y cells exposed to paraquat: mitochondrial dysfunction and oxidative stress.

Acrolein involvement in sensory and behavioral hypersensitivity following spinal cord injury in the rat.

The pentachlorophenol metabolite tetrachlorohydroquinone induces massive ROS and prolonged p-ERK expression in splenocytes, leading to inhibition of apoptosis and necrotic cell death.

Antinociceptive and anti-inflammatory activities of extract and two isolated flavonoids of *Carthamus tinctorius* L.

Absence of P-glycoprotein transport in the pharmacokinetics and toxicity of the herbicide paraquat.

Effect of lung fibrosis on glycogen content in different extrapulmonary tissues.

Orally delivered water soluble Coenzyme Q10 (Ubisol-Q10) blocks on-going neurodegeneration in rats exposed to paraquat: potential for therapeutic application in Parkinson's disease.

Parkinson's disease, lights and melanocytes: looking beyond the retina.

[Oral health care by utilizing food function].

Synthesis, characterization, and preclinical evaluation of new thiazolidin-4-ones substituted with p-chlorophenoxy acetic acid and clofibrac acid against insulin resistance and metabolic disorder.

TRPA1: a transducer and amplifier of pain and inflammation.

Dual pH-sensitive oxidative stress generating micellar nanoparticles as a novel anticancer therapeutic agent.

Optimization of culturing conditions for toxicity testing with the alga *Oophila* sp. (Chlorophyceae), an amphibian endosymbiont.

Melatonin Reverses Fas, E2F-1 and Endoplasmic Reticulum Stress Mediated Apoptosis and Dysregulation of Autophagy Induced by the Herbicide Atrazine in Murine Splenocytes.

Centrally formed acetaldehyde mediates ethanol-induced brain PKA activation.

[The effect of selective phosphatase inhibitors Salubrinal on autophagy and apoptosis in the lung tissue of rats with acute paraquat poisoning].

Ectopic expression of the human MutT-type Nudix hydrolase, hMTH1, confers enhanced tolerance to oxidative stress in arabidopsis.

Nar1 deficiency results in shortened lifespan and sensitivity to paraquat that is rescued by increased expression of mitochondrial superoxide dismutase.

Cinnamaldehyde and cinnamaldehyde-containing micelles induce relaxation of isolated porcine coronary arteries: role of nitric oxide and calcium.

OxyR and SoxR modulate the inducible oxidative stress response and are implicated during different stages of infection for the bacterial phytopathogen *Pantoea stewartii* subsp. *stewartii*.

Acrolein activates cell survival and apoptotic death responses involving the endoplasmic reticulum in A549 lung cells.

Alkaline pH activates the transport activity of GLUT1 in L929 fibroblast cells.

Carvacrol and trans-cinnamaldehyde reduce *Clostridium difficile* toxin production and cytotoxicity in vitro.

Acrolein modification impairs key functional features of rat apolipoprotein E: identification of modified sites by mass spectrometry.

Disposition of atrazine metabolites following uptake and degradation of atrazine in switchgrass.

The knockdown of chloroplastic ascorbate peroxidases reveals its regulatory role in the photosynthesis and protection under photo-oxidative stress in rice.

Effects of in vivo chronic exposure to pendimethalin on EROD activity and antioxidant defenses in rainbow trout (*Oncorhynchus mykiss*).

p-Cresol affects reactive oxygen species generation, cell cycle arrest, cytotoxicity and inflammation/atherosclerosis-related modulators production in endothelial cells and mononuclear cells.

Herbimycin A inhibits cell growth with reversal of epithelial-mesenchymal transition in anaplastic thyroid carcinoma cells.

[Tetrachlorodibenzo-p-dioxin-induced cleft palate because of partial loss of cell polarity to interfere with apoptosis during early developmental stage].

Aryl hydrocarbon receptor ligands in cancer: friend and foe.

Neurological and neurophysiological examinations of workers exposed to arsenic levels exceeding hygiene standards.

Prenatal administration of neuropeptide bombesin promotes lung development in a rat model of nitrofen-induced congenital diaphragmatic hernia.

Dietary early-life exposure to contaminated eels does not impair spatial cognitive performances in adult offspring mice as assessed in the Y-maze and the Morris water maze.

Small-molecule inhibitors at the PSD-95/nNOS interface attenuate MPP⁺-induced neuronal injury through Sirt3 mediated inhibition of mitochondrial dysfunction.

Withania somnifera alleviates parkinsonian phenotypes by inhibiting apoptotic pathways in dopaminergic neurons.

Effect of iron supplementation on the expression of hypoxia-inducible factor and antioxidant status in rats exposed to high-altitude hypoxia environment.

A nanoparticulate ferritin-core mimetic is well taken up by HuTu 80 duodenal cells and its absorption in mice is regulated by body iron.

Prenatal administration of all-trans retinoic acid upregulates leptin signaling in hypoplastic rat lungs with experimental congenital diaphragmatic hernia.

Increased pulmonary vascular expression of Krüppel-like factor 5 and activated survivin in experimental congenital diaphragmatic hernia.

An efficient in vitro process for cyclic clonal production of shoots from adult tree of *Cassia alata* L. and evaluation of genetic stability using DNA-based markers.

Cognitive impairment associated with low ferritin responsive to iron supplementation.

Genetic deletion of LXR β prevents arsenic-enhanced atherosclerosis, but not arsenic-altered plaque composition.

Silencing KRAS overexpression in arsenic-transformed prostate epithelial and stem cells partially mitigates malignant phenotype.

In vivo kinetics of the uremic toxin p-cresyl sulfate in mice with variable renal function.

Sodium arsenite induces apoptosis and Epstein-Barr virus reactivation in lymphoblastoid cells.

Potential roles of noncoding RNAs in environmental epigenetic transgenerational inheritance.

Dioxin induction of transgenerational inheritance of disease in zebrafish.

Net survival after exposure to polychlorinated biphenyls and dioxins: the Yusho study.

Potential involvement of chemicals in liver cancer progression: an alternative toxicological approach combining biomarkers and innovative technologies.

Antagonism of ionotropic glutamate receptors attenuates chemical ischemia-induced injury in rat primary cultured myenteric ganglia.

The N-terminal region of p27 inhibits HIF-1 \pm protein translation in ribosomal protein S6-dependent manner by regulating PHLPP-Ras-ERK-p90RSK axis.

Global metabolomic profiling of acute myocarditis caused by *Trypanosoma cruzi* infection.

[A case of multiple organ damage induced by chronic cresol intoxication: a case report].

Antenatal use of bosentan and/or sildenafil attenuates pulmonary features in rats with congenital diaphragmatic hernia.

Prenatal sodium arsenite affects early development of serotonergic neurons in the fetal rat brain.

The role of nitisinone in tyrosine pathway disorders.

Atorvastatin ameliorates arsenic-induced hypertension and enhancement of vascular redox signaling in rats.

Dynamic changes in metabolic profiles of rats subchronically exposed to mequindox.

Arabidopsis ENHANCED DISEASE SUSCEPTIBILITY1 promotes systemic acquired resistance via azelaic acid and its precursor 9-oxo nonanoic acid.

Arsenic exposure disrupts the normal function of the FA/BRCA repair pathway.

Uremic toxicity and sclerostin in chronic kidney disease patients.

Effects of developmental activation of the AhR on CD4⁺ T-cell responses to influenza virus infection in adult mice.

Analysis of dopaminergic neuronal dysfunction in genetic and toxin-induced models of Parkinson's disease in *Drosophila*.

Serum total p-cresylsulfate level is associated with abnormal QTc interval in stable angina patients with early stage of renal failure.

Low brain iron effects and reversibility on striatal dopamine dynamics.

Dioxin-induced fetal growth retardation: the role of a preceding attenuation in the circulating level of glucocorticoid.

2,3,7,8-Tetrachlorodibenzo-p-dioxin in breast milk increases autistic traits of 3-year-old children in Vietnam.

Fructo-oligosaccharides and iron bioavailability in anaemic rats: the effects on iron species distribution, ferroportin-1 expression, crypt bifurcation and crypt cell proliferation in the caecum.

[Iron deficiency. Effective: oral substitution].

AhR signalling and dioxin toxicity.

[Rheumatology: Progress in Diagnosis and Treatments. Topics: III. Rheumatoid Arthritis and Allied Conditions; 2. Allied Conditions. 2) Polymyalgia rheumatica].

The novel regulations of MEF2A, CAMKK2, CALM3, and TNNI3 in ventricular hypertrophy induced by arsenic exposure in rats.

Microcytic anemia.

The comparison of antimutagenicity and anticancer activities of *Echinophora platyloba* DC on acute promyelocytic leukemia cancer cells.

Epimorphin expression in a rat model of pulmonary hypoplasia associated with congenital diaphragmatic hernia.

Malondialdehyde, antioxidant enzymes, and renal tubular functions in children with iron deficiency or iron-deficiency anemia.

An integrative risk assessment approach for persistent chemicals: a case study on dioxins, furans and dioxin-like PCBs in France.

Evidence for decreased lipofibroblast expression in hypoplastic rat lungs with congenital diaphragmatic hernia.

Nitrofen increases total retinol levels in placenta during lung morphogenesis in the nitrofen model of congenital diaphragmatic hernia.

Burn after feeding. An old uncoupler of oxidative phosphorylation is redesigned for the treatment of nonalcoholic fatty liver disease.

Effects of in utero exposure of C57BL/6J mice to 2,3,7,8-tetrachlorodibenzo-p-dioxin on epidermal permeability barrier development and function.

Safety and efficacy of lactoferrin versus ferrous sulphate in curing iron deficiency and iron deficiency anaemia in hereditary thrombophilia pregnant women: an interventional study.

Human organic anion transporters function as a high-capacity transporter for p-cresyl sulfate, a uremic toxin.

Defining molecular sensors to assess long-term effects of pesticides on carcinogenesis.

Medication exposure during pregnancy: a pilot pharmacovigilance system using health and demographic surveillance platform.

Therapeutic potential of mesenchymal stem cell transplantation in a nitrofen-induced congenital diaphragmatic hernia rat model.

Functional characterisation of the R2452W ryanodine receptor variant associated with malignant hyperthermia susceptibility.

Myogenin gene expression is not altered in the developing diaphragm of nitrofen-induced congenital diaphragmatic hernia.

Cardiac myocyte-specific AHR activation phenocopies TCDD-induced toxicity in zebrafish.

Targeting mitochondria-derived reactive oxygen species to reduce epithelial barrier dysfunction and colitis.

Urinary p-cresol is elevated in young French children with autism spectrum disorder: a replication study.

Radiosynthesis, photoisomerization, biodistribution, and metabolite analysis of ¹¹C-PBB3 as a clinically useful PET probe for imaging of tau pathology.

Inhibition of human drug-metabolising cytochrome P450 and UDP-glucuronosyltransferase enzyme activities in vitro by uremic toxins.

Mitochondrial reactive oxygen species production and respiratory complex activity in rats with pressure overload-induced heart failure.

Effect of short-term synbiotic treatment on plasma p-cresol levels in patients with chronic renal failure: a randomized clinical trial.

Diet pills and the cataract outbreak of 1935: reflections on the evolution of consumer protection legislation.

Pesticide exposure and depression among male private pesticide applicators in the agricultural health study.

Uraemic toxins and cardiovascular disease across the chronic kidney disease spectrum: an observational study.

Involvement of COX2-thromboxane pathway in TCDD-induced precardiac edema in developing zebrafish.

The uremic toxicity of indoxyl sulfate and p-cresyl sulfate: a systematic review.

Uremic toxin p-cresol induces Akt-pathway-selective insulin resistance in bone marrow-derived mesenchymal stem cells.

Pesticide use and incident diabetes among wives of farmers in the Agricultural Health Study.

TCDD-induced chick cardiotoxicity is abolished by a selective cyclooxygenase-2 (COX-2) inhibitor NS398.

Neurodevelopmental retardation, as assessed clinically and with magnetoencephalography and electroencephalography, associated with perinatal dioxin exposure.

Ultrasound-guided proximal paravertebral anaesthesia in cattle.

Indoxyl sulfate and p-cresyl sulfate in chronic kidney disease. Could these toxins modulate the antioxidant Nrf2-Keap1 pathway?

Microvascular dysfunction with increased vascular leakage response in mice systemically exposed to arsenic.

Effects of iron supplementation on dominant bacterial groups in the gut, faecal SCFA and gut inflammation: a randomised, placebo-controlled intervention trial in South African children.

Toxicological profile of ultrapure 2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180) in adult rats.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on hormones of energy balance in a TCDD-sensitive and a TCDD-resistant rat strain.

High-content screening in zebrafish embryos identifies butafenacil as a potent inducer of anemia.

The importance of heart murmur in the neonatal period and justification of echocardiographic review.

The involvement of the Mid1/Cch1/Yvc1 calcium channels in *Aspergillus fumigatus* virulence.

Farm residence and lymphohematopoietic cancers in the Iowa Women's Health Study.

Statin-induced inhibition of breast cancer proliferation and invasion involves attenuation of iron transport: intermediacy of nitric oxide and antioxidant defence mechanisms.

Clinical and etiological heterogeneity in patients with tracheo-esophageal malformations and associated anomalies.

Birth defects and congenital health risks in children conceived through assisted reproduction technology (ART): a meeting report.

Sodium arsenite induces ROS-dependent autophagic cell death in pancreatic \hat{I}^2 -cells.

Effects of ferrofluid and phytoalexin spirobrassinin on thioflavin-T-based fluorescence in cerebrospinal fluid of the elderly and multiple sclerosis patients.

Zinc supplementation sustained normative neurodevelopment in a randomized, controlled trial of Peruvian infants aged 6-18 months.

Ferroportin mediates the intestinal absorption of iron from a nanoparticulate ferritin core mimetic in mice.

Activation of the aryl hydrocarbon receptor affects activation and function of human monocyte-derived dendritic cells.

Long-term low-dose exposure of human urothelial cells to sodium arsenite activates lipocalin-2 via promoter hypomethylation.

Pesticide methoxychlor promotes the epigenetic transgenerational inheritance of adult-onset disease through the female germline.

The association of uremic toxins and inflammation in hemodialysis patients.

Aryl hydrocarbon receptor catabolic activity in bone metabolism is osteoclast dependent in vivo.

Concerning RNA-guided gene drives for the alteration of wild populations.

Effect of supplementation with ferrous sulfate or iron bis-glycinate chelate on ferritin concentration in Mexican schoolchildren: a randomized controlled trial.

The chemical uncoupler 2,4-dinitrophenol (DNP) protects against diet-induced obesity and improves energy homeostasis in mice at thermoneutrality.

The aryl hydrocarbon receptor ligand omeprazole inhibits breast cancer cell invasion and metastasis.

Interplay between Dioxin-mediated signaling and circadian clock: a possible determinant in metabolic homeostasis.

Reducing iron deficiency anemia in Bolivian school children: calcium and iron combined versus iron supplementation alone.

Activation of neuronal nitric oxide synthase (nNOS) signaling pathway in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced neurotoxicity.

Role of the autonomic nervous system and baroreflex in stress-evoked cardiovascular responses in rats.

Joint effects of urinary arsenic methylation capacity with potential modifiers on arsenicosis: a cross-sectional study from an endemic arsenism area in Huhhot Basin, northern China.

Marginally excessive iron loading transiently blocks mucosal iron uptake in iron-deficient rats.

Dioxins, furans and dioxin-like PCBs in human blood: causes or consequences of diabetic nephropathy?

Gold nanoshells-mediated bimodal photodynamic and photothermal cancer treatment using ultra-low doses of near infra-red light.

Liver tumor promotion by 2,3,7,8-tetrachlorodibenzo-p-dioxin is dependent on the aryl hydrocarbon receptor and TNF/IL-1 receptors.

Thrombin-facilitated efflux of D-[3H]-aspartate from cultured astrocytes and neurons under hyponatremia and chemical ischemia.

Postnatal development of eupneic ventilation and metabolism in rats chronically exposed to moderate hyperoxia.

An audit to review the characteristics and management of placenta praevia at Aberdeen Maternity Hospital, 2009-2011.

Obstetric and neonatal outcomes of maternal vitamin D supplementation: results of an open-label, randomized controlled trial of antenatal vitamin D supplementation in Pakistani women.

Protective effect of ellagic acid against TCDD-induced renal oxidative stress: modulation of CYP1A1 activity and antioxidant defense mechanisms.

Uremic toxins impair human bone marrow-derived mesenchymal stem cells functionality in vitro.

Yusho patients show increased serum IL-17, IL-23, IL-1 β , and TNF α levels more than 40 years after accidental polychlorinated biphenyl poisoning.

Production of the anti-inflammatory compound 6-O-palmitoyl-3-O- β -D-glucopyranosylcampesterol by Callus cultures of *Lopezia racemosa* Cav. (Onagraceae).

A study of the effects of latent iron deficiency on measures of cognition: a pilot randomised controlled trial of iron supplementation in young women.

Hepatoprotective and anticlastogenic effects of ethanol extract of *Irvingia gabonensis* (IG) leaves in sodium arsenite-induced toxicity in male Wistar rats.

The mitochondrial deubiquitinase USP30 opposes parkin-mediated mitophagy.

Contributions of *Fusarium virguliforme* and *Heterodera glycines* to the disease complex of sudden death syndrome of soybean.

Cardiovascular disease relates to intestinal uptake of p-cresol in patients with chronic kidney disease.

A rapid, simple questionnaire to assess gastrointestinal symptoms after oral ferrous sulphate supplementation.

MicroRNA profiling as tool for in vitro developmental neurotoxicity testing: the case of sodium valproate.

[Analgesic effect of DICLORAL on radiation-induced oral mucositis].

Compensation for occupational neurological and mental disorders.

Pd0-mediated rapid cross-coupling reactions, the rapid C-[11C]methylations, revolutionarily advancing the syntheses of short-lived PET molecular probes.

Upregulation of serotonin-receptor-2a and serotonin transporter expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Increased uptake of dietary retinoids at the maternal-fetal barrier in the nitrofen model of congenital diaphragmatic hernia.

Amniotic fluid derived mesenchymal stromal cells augment fetal lung growth in a nitrofen explant model.

Relationship between urine dichlorophenol levels and asthma morbidity.

Effects of acute dietary iron overload in pigs (*Sus scrofa*) with induced type 2 diabetes mellitus.

2,3,7,8-Tetrachlorodibenzo-p-dioxin promotes astrocyte activation and the secretion of tumor necrosis factor- α via PKC/SSeCKS-dependent mechanisms.

Wear testing of crosslinked polyethylene: wear rate variability and microbial contamination.

The metabolically healthy but obese phenotype is associated with lower plasma levels of persistent organic pollutants as compared to the metabolically abnormal obese phenotype.

An adsorbent monolith device to augment the removal of uraemic toxins during haemodialysis.

Determinants of cognitive performance in children relying on cyanogenic cassava as staple food.

Aryl hydrocarbon receptor (AhR) agonists increase airway epithelial matrix metalloproteinase activity.

Peroxiredoxin I protein, a potential biomarker of hydronephrosis in fetal mice exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Elevated protein carbonyl and HIF-1 α levels in eyes with proliferative diabetic retinopathy.

Mammalian microtubule P-body dynamics are mediated by nesprin-1.

Heritability and clinical determinants of serum indoxyl sulfate and p-cresyl sulfate, candidate biomarkers of the human microbiome enterotype.

Association of dioxin and other persistent organic pollutants (POPs) with diabetes: epidemiological evidence and new mechanisms of beta cell dysfunction.

Standardization of pulmonary ventilation technique using volume-controlled ventilators in rats with congenital diaphragmatic hernia.

Tetrachlorobenzoquinone induces acute liver injury, up-regulates HO-1 and NQO1 expression in mice model: the protective role of chlorogenic acid.

Protein-bound uremic toxins, inflammation and oxidative stress: a cross-sectional study in stage 3-4 chronic kidney disease.

Metallothionein deficiency impacts copper accumulation and redistribution in leaves and seeds of Arabidopsis.

Interaction between arsenic exposure from drinking water and genetic susceptibility in carotid intima-media thickness in Bangladesh.

Cisplatin plus sodium arsenite and hyperthermia induces pseudo-G1 associated apoptotic cell death in ovarian cancer cells.

Synthesis and biological evaluation of 10-(11) C-dihydratetrabenazine as a vesicular monoamine transporter 2 radioligand.

The thiocarbamate disulphide drug, disulfiram induces osteopenia in rats by inhibition of osteoblast function due to suppression of acetaldehyde dehydrogenase activity.

Durable field resistance to wheat yellow mosaic virus in transgenic wheat containing the antisense virus polymerase gene.

Iron supplementation does not worsen respiratory health or alter the sputum microbiome in cystic fibrosis.

Ultrasound-guided interventional procedures around the shoulder.

Ulceration of the oral mucosa following direct contact with ferrous sulfate in elderly patients: a case report and a review of the French National Pharmacovigilance Database.

Evidence that p-cresol and IL-6 are adsorbed by the HFR cartridge: towards a new strategy to decrease systemic inflammation in dialyzed patients?

The TrkAIII oncoprotein inhibits mitochondrial free radical ROS-induced death of SH-SY5Y neuroblastoma cells by augmenting SOD2 expression and activity at the mitochondria, within the context of a tumour stem cell-like phenotype.

Accommodating measurements below a limit of detection: a novel application of Cox regression.

Augmented atherogenesis in ApoE-null mice co-exposed to polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Comparison of two doses of elemental iron in the treatment of latent iron deficiency: efficacy, side effects and blinding capabilities.

Nanoencapsulation of DMSA monoester for better therapeutic efficacy of the chelating agent against arsenic toxicity.

Fruit and vegetable intake, as reflected by serum carotenoid concentrations, predicts reduced probability of polychlorinated biphenyl-associated risk for type 2 diabetes: National Health and Nutrition Examination Survey 2003-2004.

Meat Science and Muscle Biology Symposium: Ecological and dietary impactors of foodborne pathogens and methods to reduce fecal shedding in cattle.

Increased expression of the aryl hydrocarbon receptor in patients with chronic inflammatory skin diseases.

Activation of Nrf2 in keratinocytes causes chloracne (MADISH)-like skin disease in mice.

Alcohol-induced autophagy contributes to loss in skeletal muscle mass.

Downregulation of p300 gene expression in airway mesenchyme of nitrofen-induced hypoplastic lungs.

Using zebrafish as a model system for studying the transgenerational effects of dioxin.

Homoisoflavanone prevents mast cell activation and allergic responses by inhibition of Syk signaling pathway.

Aberrant microRNA expression likely controls RAS oncogene activation during malignant transformation of human prostate epithelial and stem cells by arsenic.

Alcohol oxidizing enzymes and ethanol-induced cytotoxicity in rat pancreatic acinar AR42J cells.

The gut microbiome, kidney disease, and targeted interventions.

The FIND-CKD study--a randomized controlled trial of intravenous iron versus oral iron in non-dialysis chronic kidney disease patients: background and rationale.

Enteric nervous system and esophageal-gastrointestinal motility in experimental congenital diaphragmatic hernia.

Synergistic interactions between PBDEs and PCBs in human neuroblastoma cells.

Uremic toxin development in living kidney donors: a longitudinal study.

Transgenic pearl millet male fertility restorer line (ICMP451) and hybrid (ICMH451) expressing *Brassica juncea* Nonexpressor of pathogenesis related genes 1 (BjNPR1) exhibit resistance to downy mildew disease.

The aryl hydrocarbon receptor-activating effect of uremic toxins from tryptophan metabolism: a new concept to understand cardiovascular complications of chronic kidney disease.

Metabonomic analysis of quercetin against the toxicity of chronic exposure to low-level dichlorvos in rats via ultra-performance liquid chromatography-mass spectrometry.

Persistent environmental pollutants and couple fecundity: an overview.

Drug-induced injury in the gastrointestinal tract.

Effectiveness of wetting method for control of konzo and reduction of cyanide poisoning by removal of cyanogens from cassava flour.

Protein-bound molecules: a large family with a bad character.

Hepatoprotective activity of *Tephrosia purpurea* against arsenic induced toxicity in rats.

Poisoning injuries associated with water and wastewater treatment facilities.

Impact of long-term exposure to sodium arsenite on cytogenetic radiation damage.

Physicochemical factors affecting the growth of *Burkholderia pseudomallei* in soil microcosm.

Community air monitoring for pesticides. Part 3: using health-based screening levels to evaluate results collected for a year.

Disruption of paired-associate learning in rat offspring perinatally exposed to dioxins.

Prominent accumulation in hemodialysis patients of solutes normally cleared by tubular secretion.

Effects of incapacitant spray deployed in the restraint and arrest of detainees in the Metropolitan Police Service area, London, UK: a prospective study.

A new alternative method for testing skin irritation using a human skin model: a pilot study.

Effect of uremic serum and uremic toxins on drug metabolism in human microsomes.

Ferrous bisglycinate 25 mg iron is as effective as ferrous sulfate 50 mg iron in the prophylaxis of iron deficiency and anemia during pregnancy in a randomized trial.

Silibinin potentially attenuates arsenic-induced oxidative stress mediated cardiotoxicity and dyslipidemia in rats.

S cones: Evolution, retinal distribution, development, and spectral sensitivity.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin modulates dysregulation of the lipid metabolism in mouse offspring fed a high-calorie diet.

Aryl hydrocarbon receptor downregulates MYCN expression and promotes cell differentiation of neuroblastoma.

Protein-bound uremic toxins: new culprits of cardiovascular events in chronic kidney disease patients.

Benzimidazoisoquinolines: a new class of rapidly metabolized aryl hydrocarbon receptor (AhR) ligands that induce AhR-dependent Tregs and prevent murine graft-versus-host disease.

Predominant role of cytosolic phospholipase A2 α in dioxin-induced neonatal hydronephrosis in mice.

The NRF2-KEAP1 pathway is an early responsive gene network in arsenic exposed lymphoblastoid cells.

VEGF receptor expression decreases during lung development in congenital diaphragmatic hernia induced by nitrofen.

Disruption of THY-1 signaling in alveolar lipofibroblasts in experimentally induced congenital diaphragmatic hernia.

Decreased apelin and apelin-receptor expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Functional characterization of 2 known ryanodine receptor mutations causing malignant hyperthermia.

Prenatal administration of retinoic acid increases the trophoblastic insulin-like growth factor 2 protein expression in the nitrofen model of congenital diaphragmatic hernia.

Micronuclei in cord blood lymphocytes and associations with biomarkers of exposure to carcinogens and hormonally active factors, gene polymorphisms, and gene expression: the NewGeneris cohort.

Exploration of novel predictive markers in rat plasma of the early stages of chronic renal failure.

Elevated blood pressure in offspring of rats exposed to diverse chemicals during pregnancy.

Methylarsonous acid causes oxidative DNA damage in cells independent of the ability to biomethylate inorganic arsenic.

Responsiveness to parenteral iron therapy in children with oral iron-refractory iron-deficiency anemia.

Fetal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin transactivates aryl hydrocarbon receptor-responsive element III in the tyrosine hydroxylase immunoreactive neurons of the mouse midbrain.

Accidental exposure to polychlorinated biphenyls (PCB) in waste cargo after heavy seas. Global waste transport as a source of PCB exposure.

ITE and TCDD differentially regulate the vascular remodeling of rat placenta via the activation of AhR.

Down-regulation of acetolactate synthase compromises Ol-1- mediated resistance to powdery mildew in tomato.

Cross-talk between aryl hydrocarbon receptor and the inflammatory response: a role for nuclear factor- κ B.

Effects of intestinal bacteria-derived p-cresyl sulfate on Th1-type immune response in vivo and in vitro.

MRNA and miRNA expression patterns associated to pathways linked to metal mixture health effects.

Mitochondrial dysfunction, oxidative stress, and neurodegeneration elicited by a bacterial metabolite in a *C. elegans* Parkinson's model.

CYP1B1: a unique gene with unique characteristics.

Sodium meta-arsenite ameliorates hyperglycemia in obese diabetic db/db mice by inhibition of hepatic gluconeogenesis.

Organic anion transporting polypeptides 1B1 and 1B3 play an important role in uremic toxin handling and drug-uremic toxin interactions in the liver.

A practical and successful desensitization protocol for immediate hypersensitivity reactions to iron salts.

[The functional state of the kidneys after adenosine triphosphate-sensitive potassium channels activation in experimental acute hypoxia].

KML001, a telomere-targeting drug, sensitizes glioblastoma cells to temozolomide chemotherapy and radiotherapy through DNA damage and apoptosis.

Histopathological evaluation of tumor necrosis and volume after cyanogenic chemotherapy.

What would you like to eat, Mr CKD Microbiota? A Mediterranean Diet, please!

Effect of dietary supplementation of (-)-epigallocatechin gallate on gut microbiota and biomarkers of colonic fermentation in rats.

Chronic exposure to chlorophenol related compounds in the pesticide production workplace and lung cancer: a meta-analysis.

Tumorigenic effects of endocrine-disrupting chemicals are alleviated by licorice (*Glycyrrhiza glabra*) root extract through suppression of AhR expression in mammalian cells.

Plant-derived anti-inflammatory compounds: hopes and disappointments regarding the translation of preclinical knowledge into clinical progress.

Aryl hydrocarbon receptor (AhR) modulates cockroach allergen-induced immune responses through active TGF β 1 release.

Rapid iron desensitization after generalized urticaria and facial angioedema.

Iron supplementation in young iron-deficient females causes gastrointestinal redox imbalance: protective effect of a fermented nutraceutical.

[Role of the critical period in sex and brain differentiation: learning from dioxin-induced disorders in next generations].

Expansion of urease- and uricase-containing, indole- and p-cresol-forming and contraction of short-chain fatty acid-producing intestinal microbiota in ESRD.

Is intralipid fat emulsion a promising therapeutic strategy on neurotoxicity induced by malathion in rats?

P-cresyl sulfate is a valuable predictor of clinical outcomes in pre-ESRD patients.

Effects of AST-120 on blood concentrations of protein-bound uremic toxins and biomarkers of cardiovascular risk in chronic dialysis patients.

[Statement of the Polish Gynecological Society Expert Group on the prevention of iron deficiency and of anemia caused by iron deficiency with a low dose heme iron in women. State of the art, 2013].

Autophagy as an essential cellular antioxidant pathway in neurodegenerative disease.

Arsenic reduces the antipyretic activity of paracetamol in rats: modulation of brain COX-2 activity and CB₁ receptor expression.

Bronchial stenosis following ferrous sulfate aspiration: Case report and review of the literature.

Oral iron for patients receiving dialysis: what is the evidence?

Association between potentially inappropriate medications from the Beers criteria and the risk of unplanned hospitalization in elderly patients.

Gene-environment interactions in male reproductive health: special reference to the aryl hydrocarbon receptor signaling pathway.

Micronucleus frequency in copper-mine workers exposed to arsenic is modulated by the AS3MT Met287Thr polymorphism.

Ultrahigh resolution mass spectrometry-based metabolic characterization reveals cerebellum as a disturbed region in two animal models.

Synthesis and evaluation of novel 2,3-dihydrobenzo[b][1,4]dioxin- and indolealkylamine derivatives as potential antidepressants.

Serum concentrations of p-cresyl sulfate and indoxyl sulfate, but not inflammatory markers, increase in incident peritoneal dialysis patients in parallel with loss of residual renal function.

p-cresyl sulphate has pro-inflammatory and cytotoxic actions on human proximal tubular epithelial cells.

Aldehyde dehydrogenase 2 partly mediates hypotensive effect of nitrite on L-NAME-induced hypertension in normoxic rat.

Animal models of Parkinson's disease: a gateway to therapeutics?

Aryl hydrocarbon receptor-dependent induction of liver fibrosis by dioxin.

Maternal exposure to dioxin imprints sexual immaturity of the pups through fixing the status of the reduced expression of hypothalamic gonadotropin-releasing hormone.

Dietary fat intake, pesticide use, and Parkinson's disease.

Effects of sivelestat treatment on acute lung injury in paraquat-intoxicated rats.

Sodium meta-arsenite induces reactive oxygen species-dependent apoptosis, necrosis, and autophagy in both androgen-sensitive and androgen-insensitive prostate cancer cells.

Acute iron intoxication: change in urine color during chelation therapy with deferoxamine.

A high-content screen identifies novel compounds that inhibit stress-induced TDP-43 cellular aggregation and associated cytotoxicity.

Lack of nrf2 results in progression of proliferative lesions to neoplasms induced by long-term exposure to non-genotoxic hepatocarcinogens involving oxidative stress.

Human Ntera2 cells as a predictive in vitro test system for developmental neurotoxicity.

The toxic chemistry of methyl bromide.

Ferrous sulfate (Fe^{2+}) had a faster effect than did ferric polymaltose (Fe^{3+}) on increased oxidant status in children with iron-deficiency anemia.

TCDD disrupts posterior palatogenesis and causes cleft palate.

The Mammalian circadian clock gene *per2* modulates cell death in response to oxidative stress.

Ligand binding and functional selectivity of L-tryptophan metabolites at the mouse aryl hydrocarbon receptor (mAHR).

Degree of host susceptibility in the initial disease outbreak influences subsequent epidemic spread.

Early-life Exposure to Endocrine Disrupting Chemicals and Later-life Health Outcomes: An Epigenetic Bridge?

Toxicants inhibiting anaerobic digestion: a review.

The preventive effect of atorvastatin on paraquat-induced pulmonary fibrosis in the rats.

Endocrine disruption in human placenta: expression of the dioxin-inducible enzyme, CYP1A1, is correlated with that of thyroid hormone-regulated genes.

Glufosinate binds N-methyl-D-aspartate receptors and increases neuronal network activity in vitro.

GM crops and the rat digestive tract: a critical review.

Subchronic arsenic exposure through drinking water alters vascular redox homeostasis and affects physical health in rats.

Chronic mitochondrial uncoupling treatment prevents acute cold-induced oxidative stress in birds.

Low level tumor necrosis factor- α protects cardiomyocytes against high level tumor necrosis factor- α : brief insight into a beneficial paradox.

Transcriptional responses and embryotoxic effects induced by pyrene and methylpyrene in Japanese medaka (*Oryzias latipes*) early life stages exposed to spiked sediments.

Sterols from Mytilidae show anti-aging and neuroprotective effects via anti-oxidative activity.

Pre- and postnatal exposure to low dose glufosinate ammonium induces autism-like phenotypes in mice.

Inhalable constituents of thirdhand tobacco smoke: chemical characterization and health impact considerations.

The transcriptional response to oxidative stress during vertebrate development: effects of tert-butylhydroquinone and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

2,3,4,7,8-Pentachlorodibenzofuran is far less potent than 2,3,7,8-tetrachlorodibenzo-p-dioxin in disrupting the pituitary-gonad axis of the rat fetus.

BMP4 and LGL1 are Down Regulated in an Ovine Model of Congenital Diaphragmatic Hernia.

Cytotoxic effects exerted by pentachlorophenol by targeting nodal pro-survival signaling pathways in human pancreatic cancer cells.

Induction of glutathione synthesis in human hepatocytes by acute and chronic arsenic exposure: differential roles of mitogen-activated protein kinases.

Differential Fmo3 gene expression in various liver injury models involving hepatic oxidative stress in mice.

INCREASED RISK OF CHILDHOOD BRAIN TUMORS AMONG CHILDREN WHOSE PARENTS HAD FARM-RELATED PESTICIDE EXPOSURES DURING PREGNANCY.

Acute paraquat poisoning with sinus bradycardia: A case report.

A novel protective role for the innate immunity Toll-Like Receptor 3 (TLR3) in the retina via Stat3.

Aryl hydrocarbon receptor-dependent regulation of miR-196a expression controls lung fibroblast apoptosis but not proliferation.

Ammonium increases Ca(2+) signalling and up-regulates expression of TRPC1 gene in astrocytes in primary cultures and in the in vivo brain.

Comparative study of the effect of verapamil and vitamin D on iron overload-induced oxidative stress and cardiac structural changes in adult male rats.

Accumulation of heme oxygenase-1 (HSP32) in *Xenopus laevis* A6 kidney epithelial cells treated with sodium arsenite, cadmium chloride or proteasomal inhibitors.

Quantification of *Fusarium oxysporum* in fumigated soils by a newly developed real-time PCR assay to assess the efficacy of fumigants for *Fusarium* wilt disease in strawberry plants.

Photolytic degradation products of two highly brominated flame retardants cause cytotoxicity and mRNA expression alterations in chicken embryonic hepatocytes.

Toll-like receptor 4 implicated in acute lung injury induced by paraquat poisoning in mice.

Human urinary biomarkers of dioxin exposure: analysis by metabolomics and biologically driven data dimensionality reduction.

Intersection of AHR and Wnt signaling in development, health, and disease.

The role lipid aldehydes and ALEs in the pathogenesis of diabetic retinopathy.

Oxidative stress affects FET proteins localization and alternative pre-mRNA processing in cellular models of ALS.

Innovative anthocyanins formulation protects neuronal-like cells against oxidative stress-induced damage: Pharmacotherapeutic application for Alzheimer's disease.

[Experimental evaluation of pure traditional Chinese medical mouth rinse on skin and mucosa stimulation and bacteriostatic-bactericidal effect].

Differential susceptibility of human peripheral blood T cells to suppression by environmental levels of sodium arsenite and monomethylarsonous acid.

Toothache caused by trigeminal neuralgia of vestibular schwannoma: a case report. [Corrected].

A metabonomic analysis of the effect of quercetin on toxicity induced by chronic exposure to low-level dichlorvos in rat plasma.

Atorvastatin restores arsenic-induced vascular dysfunction in rats: modulation of nitric oxide signaling and inflammatory mediators.

Human RAD23 homolog A is required for the nuclear translocation of apoptosis-inducing factor during induction of cell death.

Toxicity and bioaccumulation of ethofumesate enantiomers in earthworm *Eisenia fetida*.

^{11}C -ORM-13070, a novel PET ligand for brain $\alpha_1\text{-adrenoceptors}$: radiometabolism, plasma pharmacokinetics, whole-body distribution and radiation dosimetry in healthy men.

Potential role of catalase in mice with lipopolysaccharide/D-galactosamine-induced fulminant liver injury.

TCDD induces the hypoxia-inducible factor (HIF)-1 α regulatory pathway in human trophoblastic JAR cells.

Toxicogenetics: in search of host susceptibility to environmental toxicants.

Polychlorinated biphenyls (PCB 101, PCB 153 and PCB 180) alter leptin signaling and lipid metabolism in differentiated 3T3-L1 adipocytes.

Detection of cresyl phosphate-modified butyrylcholinesterase in human plasma for chemical exposure associated with aerotoxic syndrome.

Effect of increasing dietary fiber on plasma levels of colon-derived solutes in hemodialysis patients.

Developmental neurotoxicity of 3,3',4,4'-tetrachloroazobenzene with thyroxine deficit: Sensitivity of glia and dentate granule neurons in the absence of behavioral changes.

Glyphosate poisoning with acute pulmonary edema.

NADPH oxidase and the cardiovascular toxicity associated with smoking.

The reductase activity of the *Arabidopsis* caleosin RESPONSIVE TO DESSICATION20 mediates gibberellin-dependent flowering time, abscisic acid sensitivity, and tolerance to oxidative stress.

Transplanted human adipose tissue-derived stem cells engraft and induce regeneration in mice olfactory neuroepithelium in response to dichlobenil subadministration.

The regeneration of P2 olfactory sensory neurons is selectively impaired following methyl bromide lesion.

In vitro antioxidant capacity of tea of *Echinodorus grandiflorus*, "leather hat," in Wistar rat liver.

The combined treatment with chloroquine and the enzymatic oxidation products of spermine overcomes multidrug resistance of melanoma M14 ADR2 cells: a new therapeutic approach.

Acute toxicity tests and meta-analysis identify gaps in tropical ecotoxicology for amphibians.

Developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in artificially fertilized crucian carp (*Carassius auratus*) embryo.

Magnas functions as a ROS regulator and provides cytoprotection against oxidative stress-mediated damages.

Structure- and concentration-specific assessment of the physiological reactivity of α -dicarbonyl glucose degradation products in peritoneal dialysis fluids.

Risks of toxic ash from artisanal mining of discarded cellphones.

Two-stage culture procedure using thidiazuron for efficient micropropagation of *Stevia rebaudiana*, an anti-diabetic medicinal herb.

Critical role of cellular glutathione homeostasis for trivalent inorganic arsenite-induced oxidative damage in human bronchial epithelial cells.

Acute arsenic treatment alters arachidonic acid and its associated metabolite levels in the brain of C57Bl/6 mice.

Expression and functional regulation of the nuclear receptors AHR, PXR, and CAR, and the transcription factor Nrf2 in rat parotid gland.

Prediction of outcome following paraquat poisoning by arterial lactate concentration-time data.

Three dimensional quantitative structure-toxicity relationship modeling and prediction of acute toxicity for organic contaminants to algae.

Arsenite-induced changes in hepatic protein abundance in cynomolgus monkeys (*Macaca fascicularis*).

Toxicity of arsenic species to three freshwater organisms and biotransformation of inorganic arsenic by freshwater phytoplankton (*Chlorella* sp. CE-35).

Gynecological care in young women: a high-risk period of life.

Dioxin-induced retardation of development through a reduction in the expression of pituitary hormones and possible involvement of an aryl hydrocarbon receptor in this defect: a comparative study using two strains of mice with different sensitivities to dioxin.

Assessment of oxidative stress in serum by d-ROMs test.

The electronic cigarette. Official statement of the Spanish Society of Pneumology and Thoracic Surgery (SEPAR) on the efficacy, safety and regulation of electronic cigarettes.

Arsenic exposure alters expression of cell cycle and lipid metabolism genes in the liver of adult zebrafish (*Danio rerio*).

Products of the Parkinson's disease-related glyoxalase DJ-1, D-lactate and glycolate, support mitochondrial membrane potential and neuronal survival.

Honeybee colony disorder in crop areas: the role of pesticides and viruses.

Survival predictors in paraquat intoxication and role of immunosuppression.

FGF21 as a Hepatokine, Adipokine, and Myokine in Metabolism and Diseases.

Cross-omics gene and protein expression profiling in juvenile female mice highlights disruption of calcium and zinc signalling in the brain following dietary exposure to CB-153, BDE-47, HBCD or TCDD.

Histopathologic alterations associated with global gene expression due to chronic dietary TCDD exposure in juvenile zebrafish.

Standardization of in vitro Cell-based Model for Renal Ischemia and Reperfusion Injury.

[Effect of tumor necrosis factor receptor associated factor 6 gene silencing by small interfering RNA on proliferation of odontoblast cells].

[The first stage of toxicology evaluation and analysis of 1502 pesticide samples].

Acute and joint toxicity of three agrochemicals to Chinese tiger frog (*Hoplobatrachus chinensis*) tadpoles.

Ameliorative effect of *Matricaria chamomilla* .L on paraquat: Induced oxidative damage in lung rats.

A case report of acute severe paraquat poisoning and long-term follow-up.

An aberrant leukotriene A4 hydrolase-proline-glycine-proline pathway in the pathogenesis of chronic obstructive pulmonary disease.

The low molecular weight DNA diffusion assay as an indicator of cytotoxicity for the in vitro comet assay.

A PET Tracer for Brain β 2C Adrenoceptors, (11)C-ORM-13070: Radiosynthesis and Preclinical Evaluation in Rats and Knockout Mice.

Increase in insulin-induced relaxation of consecutive arterial segments toward the periphery: Role of vascular oxidative state.

Effects of uremic toxin p-cresol on proliferation, apoptosis, differentiation, and glucose uptake in 3T3-L1 cells.

Effect of paraquat-induced oxidative stress on gene expression and aging of the filamentous ascomycete *Podospora anserina*.

Comparative oxidative stress, metallothionein induction and organ toxicity following chronic exposure to arsenic, lead and mercury in rats.

Diminished brain resilience syndrome: A modern day neurological pathology of increased susceptibility to mild brain trauma, concussion, and downstream neurodegeneration.

Liquid crystal based sensors monitoring lipase activity: a new rapid and sensitive method for cytotoxicity assays.

Neutrophil-derived microparticles induce myeloperoxidase-mediated damage of vascular endothelial cells.

Salidroside protects *Caenorhabditis elegans* neurons from polyglutamine-mediated toxicity by reducing oxidative stress.

The induction of long-term potentiation in spinal dorsal horn after peripheral nociceptive stimulation and contribution of spinal TRPV1 in rats.

[Analysis of epidemiological characteristics of acute pesticide poisoning during 2007-2013 in Jinan, China].

The comparison of methods for measuring oxidative stress in zebrafish brains.

RNA-Seq transcriptome analysis to identify genes involved in metabolism-based diclofop resistance in *Lolium rigidum*.

Global assessment of arsenic pollution using sperm whales (*Physeter macrocephalus*) as an emerging aquatic model organism.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) increases bilirubin formation but hampers quantitative hepatic conversion of biliverdin to bilirubin in rats with wild-type AH receptor.

Nicotinamide nucleotide transhydrogenase (Nnt) links the substrate requirement in brain mitochondria for hydrogen peroxide removal to the thioredoxin/peroxiredoxin (Trx/Prx) system.

Cathodic electrochemiluminescence immunosensor based on nanocomposites of semiconductor carboxylated g-C₃N₄ and graphene for the ultrasensitive detection of squamous cell carcinoma antigen.

Which exposure stage (gestation or lactation) is more vulnerable to atrazine toxicity? Studies on mouse dams and their pups.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces expression of p27(kip¹) and FoxO3a in female rat cerebral cortex and PC12 cells.

Demographics, clinical characteristics and management of herbicide poisoning in tertiary care hospital.

Protective effect of quercetin on atrazine-induced oxidative stress in the liver, kidney, brain, and heart of adult wistar rats.

Glyphosate surfactant herbicide poisoning and management.

Fatal adverse drug reactions: Experience of adverse drug reactions in a tertiary care teaching hospital of North India - A case series.

Biochemical, oxidative and histological changes caused by sub-acute oral exposure of some synthetic cyanogens in rats: ameliorative effect of α -ketoglutarate.

Wild fish from the Bay of Quinte Area of Concern contain elevated tissue concentrations of PCBs and exhibit evidence of endocrine-related health effects.

Conditioned medium enhances the fusion capability of rat bone marrow mesenchymal stem cells and cardiomyocytes.

Photodamage in a mitochondrial membrane model modulated by the topology of cationic and anionic meso-tetrakis porphyrin free bases.

Fish oil rich in eicosapentaenoic acid protects against oxidative stress-related renal dysfunction induced by TCDD in Wistar rats.

Monomethylated trivalent arsenic species disrupt steroid receptor interactions with their DNA response elements at non-cytotoxic cellular concentrations.

Modulation of cell viability, oxidative stress, calcium homeostasis, and voltage- and ligand-gated ion channels as common mechanisms of action of (mixtures of) non-dioxin-like polychlorinated biphenyls and polybrominated diphenyl ethers.

Brain mitochondria from DJ-1 knockout mice show increased respiration-dependent hydrogen peroxide consumption.

Fluoride and arsenic exposure impairs learning and memory and decreases mGluR5 expression in the hippocampus and cortex in rats.

Study of osteogenic differentiation of human adipose-derived stem cells (HASCs) on bacterial cellulose.

No requirement of TRPV1 in long-term potentiation or long-term depression in the anterior cingulate cortex.

Acrolein as a novel therapeutic target for motor and sensory deficits in spinal cord injury.

Embryonic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs prey capture by zebrafish larvae.

Next-generation airbags and the possibility of negative outcomes due to thoracic injury.

Identification of a novel mitochondrial uncoupler that does not depolarize the plasma membrane.

Nucleoside 5'-phosphorothioate derivatives are highly effective neuroprotectants.

Comparative and combined acute toxicity of butachlor, imidacloprid and chlorpyrifos on earthworm, *Eisenia fetida*.

Multiple poisonings with sodium azide at a local restaurant.

Treatment with a cannabinoid receptor 2 agonist decreases severity of established cystitis.

Cytotoxic clerodane diterpenes from *Zuelania guidonia*.

Direct synthesis of 4-organylsulphenyl-7-chloro quinolines and their toxicological and pharmacological activities in *Caenorhabditis elegans*.

New branches in the degradation pathway of monochlorocatechols by *Aspergillus nidulans*: a metabolomics analysis.

Human urinary excretion of non-persistent environmental chemicals: an overview of Danish data collected between 2006 and 2012.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on secretion of steroids and STAR, HSD3B and CYP19A1 mRNA expression in chicken ovarian follicles.

Cerebellar expression of copper chaperone for superoxide, cytosolic Cu/Zn-superoxide dismutase, 4-hydroxy-2-nonenal, acrolein and heat shock protein 32 in patients with Menkes kinky hair disease: immunohistochemical study.

2,4-Dichlorophenol induces global DNA hypermethylation through the increase of S-adenosylmethionine and the upregulation of DNMTs mRNA in the liver of goldfish *Carassius auratus*.

Zinc finger nuclease-mediated knockout of AHR or ARNT in human breast cancer cells abolishes basal and ligand-dependent regulation of CYP1B1 and differentially affects estrogen receptor β transactivation.

Label-retaining, quiescent globose basal cells are found in the olfactory epithelium.

Astrocytic mitochondrial membrane hyperpolarization following extended oxygen and glucose deprivation.

Occurrence of organochlorine contaminants (PCBs, PCDDs and PCDFs) and pathologic findings in loggerhead sea turtles, *Caretta caretta*, from the Adriatic Sea (Mediterranean Sea).

Mitochondrial uncoupling reduces exercise capacity despite several skeletal muscle metabolic adaptations.

Beyond hypoxia: occurrence and characteristics of black blooms due to the decomposition of the submerged plant *Potamogeton crispus* in a shallow lake.

[Effect of synchronous perfusion of NaN_3 in changes in content of cholinergic neurotransmitter in medial prefrontal cortex and hippocampal extra-cellular fluid].

Isomorphism and disorder in o-chlorohalobenzenes studied by NQR.

Comparative responses of sperm cells and embryos of Pacific oyster (*Crassostrea gigas*) to exposure to metolachlor and its degradation products.

TCDD dysregulation of 13 AHR-target genes in rat liver.

Increases in levels of epoxyeicosatrienoic and dihydroxyeicosatrienoic acids (EETs and DHETs) in liver and heart in vivo by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and in hepatic EET:DHET ratios by cotreatment with TCDD and the soluble epoxide hydrolase inhibitor AUDA.

Mechanism for the protective effect of diallyl disulfide against cyclophosphamide acute urotoxicity in rats.

The environmental neurotoxicant PCB 95 promotes synaptogenesis via ryanodine receptor-dependent miR132 upregulation.

Arsenic trioxide and other arsenical compounds inhibit the NLRP1, NLRP3, and NAIP5/NLRC4 inflammasomes.

Republished study: long-term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize.

Transcriptome-metabolome wide association study (TMWAS) of maneb and paraquat neurotoxicity reveals network level interactions in toxicologic mechanism.

A Study on the Quality and Identity of Brazilian Pampa Biome Honey: Evidences for Its Beneficial Effects against Oxidative Stress and Hyperglycemia.

History of Chemistry in the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK).

Adverse effects in adulthood resulting from low-level dioxin exposure in juvenile zebrafish.

Chemoprevention against arsenic-induced mutagenic DNA breakage and apoptotic liver damage in rat via antioxidant and SOD1 upregulation by green tea (*Camellia sinensis*) which recovers broken DNA resulted from arsenic-H₂O₂ related in vitro oxidant stress.

Aluminum-induced entropy in biological systems: implications for neurological disease.

[Molecular and cellular aspects of dioxin toxicity].

Influence of zinc supplementation on histopathological changes in the stomach, liver, kidney, brain, pancreas and spleen during subchronic exposure of Wistar rats to glyphosate.

Effect of SP-A/B in lipoic acid on acute paraquat poisoning.

Cytotoxicity studies of novel combretastatin and pterostilbene derivatives.

Serum biochemical assessment of hepatic and renal functions of rats during oral exposure to glyphosate with zinc.

[2,4-dinitrophenol--a lethal weight reducing agent].

Alteration of ROS homeostasis and decreased lifespan in *S. cerevisiae* elicited by deletion of the mitochondrial translocator FLX1.

Development of a screening system for the detection of chemically induced DNA methylation alterations in a zebrafish liver cell line.

Estrogenic endocrine-disrupting chemicals: molecular mechanisms of actions on putative human diseases.

Assessment of genotoxic potential of arsenic in female albino rats at permissible dose levels.

[Acute toxicity of three typical pollutants to aquatic organisms and their water quality criteria].

Korean Red Ginseng water extract inhibits COX-2 expression by suppressing p38 in acrolein-treated human endothelial cells.

[Clarification of molecular targets of dioxin toxicity].

FT-IR spectroscopy as a sentinel technology in earthworm toxicology.

Alpha-lipoic acid protects oxidative stress, changes in cholinergic system and tissue histopathology during co-exposure to arsenic-dichlorvos in rats.

Proton-coupled organic cation antiporter-mediated uptake of apomorphine enantiomers in human brain capillary endothelial cell line hCMEC/D3.

Serum dioxin concentrations and bone density and structure in the Seveso Women's Health Study.

Oleic acid promotes adaptability against oxidative stress in 3T3-L1 cells through lipohormesis.

AtRH57, a DEAD-box RNA helicase, is involved in feedback inhibition of glucose-mediated abscisic acid accumulation during seedling development and additively affects pre-ribosomal RNA processing with high glucose.

Inhaled environmental allergens and toxicants as determinants of the asthma phenotype.

Reaction of small heat-shock proteins to different kinds of cellular stress in cultured rat hippocampal neurons.

Acute toxicity of a commercial glyphosate formulation on European sea bass juveniles (*Dicentrarchus labrax* L.): gene expressions of heme oxygenase-1 (ho-1), acetylcholinesterase (AChE) and aromatases (cyp19a and cyp19b).

Predictors of acute respiratory distress syndrome in patients with paraquat intoxication.

Early-life exposure to a herbicide has enduring effects on pathogen-induced mortality.

Isogenic human iPSC Parkinson's model shows nitrosative stress-induced dysfunction in MEF2-PGC1 β transcription.

Stress-regulated translational attenuation adapts mitochondrial protein import through Tim17A degradation.

[Cyanamide-ethanol reaction induced shock: report of a case and literature review].

Cytoprotective effect of bioactive sea buckthorn extract on paraquat-exposed A549 cells via induction of Nrf2 and its downstream genes.

Oxidative stress as a mechanism for toxicity of 2,4-dichlorophenoxyacetic acid (2,4-D): studies with goldfish gills.

Oral lesions and pulmonary fibrosis after ingesting grapes.

Effect of a glyphosate-based herbicide in *Cyprinus carpio*: assessment of acetylcholinesterase activity, hematological responses and serum biochemical parameters.

High level of dioxin-TEQ in tissue is associated with Agent Orange exposure but not with biochemical recurrence after radical prostatectomy.

Accumulation, histopathological effects and response of biochemical markers in the spleens and head kidneys of common carp exposed to atrazine and chlorpyrifos.

Treatment of acute paraquat intoxication using recommended megadose of vitamin C: a reappraisal.

Silymarin- and melatonin-mediated changes in the expression of selected genes in pesticides-induced Parkinsonism.

Evaluation of THP-1 cell line as an in vitro model for long-term safety assessment of new molecules.

Roundup disrupts male reproductive functions by triggering calcium-mediated cell death in rat testis and Sertoli cells.

The effects of acetaldehyde and acrolein on muscle catabolism in C2 myotubes.

Dopaminergic neurotoxicity of S-ethyl N,N-dipropylthiocarbamate (EPTC), molinate, and S-methyl-N,N-diethylthiocarbamate (MeDETC) in *Caenorhabditis elegans*.

Aldose reductase regulates acrolein-induced cytotoxicity in human small airway epithelial cells.

Quercetin reduces oxidative damage induced by paraquat via modulating expression of antioxidant genes in A549 cells.

Benzothiazole aniline tetra(ethylene glycol) and 3-amino-1,2,4-triazole inhibit neuroprotection against amyloid peptides by catalase overexpression in vitro.

Characterization of cholinesterases in *Chironomus riparius* and the effects of three herbicides on chlorpyrifos toxicity.

How Parkinsonian toxins dysregulate the autophagy machinery.

Glufosinate herbicide intoxication causing unconsciousness, convulsion, and 6th cranial nerve palsy.

Atrazine is primarily responsible for the toxicity of long-term exposure to a combination of atrazine and inorganic arsenic in the nigrostriatal system of the albino rat.

Vietnam veterans: getting old, getting sick--is this service related?

Factors associated with severe effects following acute glufosinate poisoning.

Assessing sensitivity and recovery of field-collected periphyton acutely exposed to atrazine using PSII inhibition under laboratory conditions.

Impairment of Atg5-dependent autophagic flux promotes paraquat- and MPP⁺-induced apoptosis but not rotenone or 6-hydroxydopamine toxicity.

Diphenyl diselenide prevents hepatic alterations induced by paraquat in rats.

Curcumin analog 1, 5-bis (2-trifluoromethylphenyl)-1, 4-pentadien-3-one exhibits enhanced ability on Nrf2 activation and protection against acrolein-induced ARPE-19 cell toxicity.

Mechanisms of permanent loss of olfactory receptor neurons induced by the herbicide 2,6-dichlorobenzonitrile: effects on stem cells and noninvolvement of acute induction of the inflammatory cytokine IL-6.

Oxidative stress responses in zebrafish *Danio rerio* after subchronic exposure to atrazine.

Using bosentan to treat paraquat poisoning-induced acute lung injury in rats.

Renal biomarkers predict nephrotoxicity after paraquat.

Toll-like receptor 4 is involved in myocardial damage following paraquat poisoning in mice.

Inhibitory effects of rosiglitazone on paraquat-induced acute lung injury in rats.

Pesticide exposure and depression among agricultural workers in France.

Sensitivity of a green alga to atrazine is not enhanced by previous acute exposure.

Methylene blue protects against paraquat-induced acute lung injury in rats.

Procedures to evaluate the efficiency of protective clothing worn by operators applying pesticide.

Hazard-ranking of agricultural pesticides for chronic health effects in Yuma County, Arizona.

Proteomic analysis of rat cerebral cortex following subchronic acrolein toxicity.

Effect of methylsulfonylmethane on paraquat-induced acute lung and liver injury in mice.

Phytotoxicity of four photosystem II herbicides to tropical seagrasses.

Multigenerational exposure of the microalga *Tetraselmis suecica* to diuron leads to spontaneous long-term strain adaptation.

Pesticide contamination and phytotoxicity of sediment interstitial water to tropical benthic microalgae.

Paraquat poisoning induces TNF- α -dependent iNOS/NO mediated hyporesponsiveness of the aorta to vasoconstrictors in rats.

Disease associated with exposure to certain herbicide agents: peripheral neuropathy.

Tissue concentration of paraquat on day 32 after intoxication and failed bridge to transplantation by extracorporeal membrane oxygenation therapy.

Foliar nickel application alleviates detrimental effects of glyphosate drift on yield and seed quality of wheat.

Induction time of Fe-SOD synthesis and activity determine different tolerance of two *Desmodesmus* (green algae) strains to chloridazon: a study with synchronized cultures.

Agent Orange exposure and prevalence of self-reported diseases in Korean Vietnam veterans.

[Value of arterial lactic acid and buffer excess in predicting the prognosis of patients with paraquat poisoning].

[Prognostic significance of serum lactic acid in evaluation of acute paraquat poisoning patients].

Effect of intravenous lipid emulsion in patients with acute glyphosate intoxication.

Cholinesterase activities and behavioral changes in *Hypsiboas pulchellus* (Anura: Hylidae) tadpoles exposed to glufosinate ammonium herbicide.

Comparisons of metabolic and physiological changes in rats following short term oral dosing with pesticides commonly found in food.

Short-term atrazine exposure causes behavioral deficits and disrupts monoaminergic systems in male C57BL/6 mice.

The role of *Arabidopsis thaliana* NAR1, a cytosolic iron-sulfur cluster assembly component, in gametophytic gene expression and oxidative stress responses in vegetative tissue.

Subacute toxicity of copper and glyphosate and their interaction to *Eisenia fetida*.

Evaluation of selected biomarkers for the detection of chemical sensitization in human skin: a comparative study applying THP-1, MUTZ-3 and primary dendritic cells in culture.

Validation of the species sensitivity distribution in retrospective risk assessment of herbicides at the river basin scale—the Scheldt river basin case study.

Paraquat-induced convulsion and death: a report of five cases.

Epidemiology. Paths from pesticides to Parkinson's.

Natural herbicide resistance (HR) to broad-spectrum herbicide, glyphosate among traditional and inbred-cultivated rice (*Oryza sativa* L.) varieties in Sri Lanka.

Climate change, multiple stressors, and the decline of ectotherms.

Environmental concentrations of irgarol, diuron and S-metolachlor induce deleterious effects on gametes and embryos of the Pacific oyster, *Crassostrea gigas*.

Clinicopathological features of mycosis fungoides in patients exposed to Agent Orange during the Vietnam War.

Prognostic value of initial arterial lactate level and lactate metabolic clearance rate in patients with acute paraquat poisoning.

Glutathione deficiency in *Gclm* null mice results in complex I inhibition and dopamine depletion following paraquat administration.

Paraquat-induced ultrastructural changes and DNA damage in the nervous system is mediated via oxidative-stress-induced cytotoxicity in *Drosophila melanogaster*.

Mitochondrial susceptibility in a model of paraquat neurotoxicity.

Protective effects of naringin against paraquat-induced acute lung injury and pulmonary fibrosis in mice.

Treatment of 2,4-D, mecoprop, and dicamba using membrane bioreactor technology.

Quercetin exacerbates the effects of subacute treatment of atrazine on reproductive tissue antioxidant defence system, lipid peroxidation and sperm quality in rats.

Xuebijing for paraquat poisoning.

The use of antioxidant enzymes in freshwater biofilms: temporal variability vs. toxicological responses.

[Predictive value of 3 methods in severity evaluation and prognosis of acute paraquat poisoning].

Triketone toxicity: a report on two cases of sulcotrione poisoning.

Reply to Dr. Jeffrey Brent.

High-dose paraquat exposure and Parkinson's disease.

Potential effect of metolachlor on toxicity of organochlorine and organophosphate insecticides in earthworm *Eisenia andrei*.

Effects of the herbicide atrazine in neotropical catfish (*Rhamdia quelen*).

Priorities to improve the ecological risk assessment and management for pesticides in surface water.

Docosahexaenoic acid (DHA) ameliorates paraquat-induced pulmonary fibrosis in rats possibly through up-regulation of Smad 7 and SnoN.

Exposure to 2,4-dichlorophenoxyacetic acid alters glucose metabolism in immature rat Sertoli cells.

Pharmacokinetic, neurochemical, stereological and neuropathological studies on the potential effects of paraquat in the substantia nigra pars compacta and striatum of male C57BL/6J mice.

Alteration of lipid status and lipid metabolism, induction of oxidative stress and lipid peroxidation by 2,4-dichlorophenoxyacetic herbicide in rat liver.

Magnolol protects against oxidative stress-mediated neural cell damage by modulating mitochondrial dysfunction and PI3K/Akt signaling.

Ecotoxicological characterisation of a mycoherbicide mixture isolated from the fungus *Ascochyta caulina*.

Exposure to herbicides in house dust and risk of childhood acute lymphoblastic leukemia.

Synergistic effects caused by atrazine and terbuthylazine on chlorpyrifos toxicity to early-life stages of the zebrafish *Danio rerio*.

Cytotoxicity on human cells of Cry1Ab and Cry1Ac Bt insecticidal toxins alone or with a glyphosate-based herbicide.

MicroRNA-195 targets ADP-ribosylation factor-like protein 2 to induce apoptosis in human embryonic stem cell-derived neural progenitor cells.

PACAP deficiency sensitizes nigrostriatal dopaminergic neurons to paraquat-induced damage and modulates central and peripheral inflammatory activation in mice.

Propanil-induced histopathological changes in the liver and kidney of mice.

[Comparison of aquatic predicted no-effect concentrations (PNECs) pentachlorophenol derived from different assessment approaches].

Analysis of paraquat intoxication epidemic (2002-2011) within China.

[The relationship of endoplasmic reticulum stress with paraquat induced lung fibrosis in rats].

CT imaging as a prognostic indicator for patients with pulmonary injury from acute paraquat poisoning.

Application of an amphibian (*Silurana tropicalis*) metamorphosis assay to the testing of the chronic toxicity of three rice paddy herbicides: simetryn, mefenacet, and thiobencarb.

Mucuna pruriens seed extract reduces oxidative stress in nigrostriatal tissue and improves neurobehavioral activity in paraquat-induced Parkinsonian mouse model.

Specific pesticide-dependent increases in α -synuclein levels in human neuroblastoma (SH-SY5Y) and melanoma (SK-MEL-2) cell lines.

Paraquat poisonings in France during the European ban: experience of the Poison Control Center in Marseille.

Effects of chemical and handling exposure on fatty acids, oxidative stress and morphological welfare indicators in gilt-head sea bream (*Sparus aurata*).

Exposure to pesticides or solvents and risk of Parkinson disease.

Synergistic effects between pesticide stress and predator cues: conflicting results from life history and physiology in the damselfly *Enallagma cyathigerum*.

Linking pesticide exposure and dementia: what is the evidence?

The role of pesticide exposure in the genesis of Parkinson's disease: epidemiological studies and experimental data.

[Focal issues in treating acute poisoning by paraquate].

[Effect of treatment with early blood purification combined with prednisone and cyclophosphamide for patients with acute paraquat poisoning].

[Effects of pyrrolidine dithiocarbamate on expressions of α -smooth muscle actin, integrin α 5 and fibronectin in acute paraquat poisoned rats].

Acute exposure of *Drosophila melanogaster* to paraquat causes oxidative stress and mitochondrial dysfunction.

Caloric content of *Daphnia magna* as reflect of propanil stress during a short-term exposure and its relationship to long-term responses.

Case-control study of maternal residential atrazine exposure and male genital malformations.

The determination of toxicities of sulphonylurea and phenylurea herbicides with quantitative structure-toxicity relationship (QSTR) studies.

How did a reduced incidence of Parkinson's disease become an increase?

Pesticide-induced decrease in rat testicular steroidogenesis is differentially prevented by lipoate and tocopherol.

Reply to drs. John andrew tomenson and clive campbell.

Neuroprotective role of *Withania somnifera* root extract in maneb-paraquat induced mouse model of parkinsonism.

Depressive symptoms and severity of acute occupational pesticide poisoning among male farmers.

Notes from the field: Acute pesticide-related illness resulting from occupational exposure to acrolein - Washington and California, 1993-2009.

Paraquat poisoning in pediatric patients.

In vitro effects of aldehydes present in tobacco smoke on gene expression in human lung alveolar epithelial cells.

Neuroprotective mechanisms of the standardized extract of *Bacopa monniera* in a paraquat/diquat-mediated acute toxicity.

Transcriptome alterations following developmental atrazine exposure in zebrafish are associated with disruption of neuroendocrine and reproductive system function, cell cycle, and carcinogenesis.

An evaluation of 2,4-dichlorophenoxyacetic acid in the Amphibian Metamorphosis Assay and the Fish Short-Term Reproduction Assay.

Hypoxia stress test reveals exaggerated cardiovascular effects in hypertensive rats after exposure to the air pollutant acrolein.

Assessing the chronic toxicity of atrazine, permethrin, and chlorothalonil to the cladoceran *Ceriodaphnia cf. dubia* in laboratory and natural river water.

In vitro induction/inhibition of germinal vesicle breakdown (GVBD) in frog (*Euphylyctis cyanophlyctis*) oocytes by endocrine active compounds.

Effects of trifluralin on the mouse ovary.

Differential toxicity and gene expression in Caco-2 cells exposed to arsenic species.

Sodium tauroursodeoxycholate prevents paraquat-induced cell death by suppressing endoplasmic reticulum stress responses in human lung epithelial A549 cells.

Acrolein induces Alzheimer's disease-like pathologies in vitro and in vivo.

Determination of glyphosate and AMPA in blood and urine from humans: about 13 cases of acute intoxication.

Effect of dietary treatment with dimethylarsinous acid (DMA(III)) on the urinary bladder epithelium of arsenic (+3 oxidation state) methyltransferase (As3mt) knockout and C57BL/6 wild type female mice.

[The significance of urine N-acetyl-beta-D-glucosaminidase in kidney injury with patients acute paraquat poisoning].

[One letter makes a difference].

[Neurotoxicity of pesticides: its relationship with neurodegenerative diseases].

[Effect of thalidomide in a mouse model of paraquat-induced acute lung injury and the underlying mechanisms].

Comments on 'Spectrum of toxic hepatitis following intentional paraquat ingestion'.

A metal mixture induces transformation upon antioxidant depletion in a hepatic cell line.

Protein profiling of paraquat-exposed rat lungs following treatment with Acai (*Euterpe oleracea* Mart.) berry extract.

Environmental quality standards for mixtures: a case study with a herbicide mixture tested in outdoor mesocosms.

Effects of chronic exposures to the herbicides atrazine and glyphosate to larvae of the threespine stickleback (*Gasterosteus aculeatus*).

Mutagenic/recombinogenic effects of four lipid peroxidation products in *Drosophila*.

Clone- and age-dependent toxicity of a glyphosate commercial formulation and its active ingredient in *Daphnia magna*.

Individual and joint toxicity of three chloroacetanilide herbicides to freshwater cladoceran *Daphnia carinata*.

Effects of quercetin on mRNA expression of steroidogenesis genes in primary cultures of Leydig cells treated with atrazine.

Answers to critics: Why there is a long term toxicity due to a Roundup-tolerant genetically modified maize and to a Roundup herbicide.

My comments about the paper do not adequately describe the serious failures that have occurred in the peer review process at FCT.

Herbicides in the environment alter infection dynamics in a microbial host-parasite system.

Maternal residential atrazine exposure and risk for choanal atresia and stenosis in offspring.

Green feces.

Acrolein-induced activation of mitogen-activated protein kinase signaling is mediated by alkylation of thioredoxin reductase and thioredoxin 1.

Protective effects of caffeic acid and caffeic acid phenethyl ester against acrolein-induced neurotoxicity in HT22 mouse hippocampal cells.

Doxorubicin decreases paraquat accumulation and toxicity in Caco-2 cells.

Severe adverse effects related to dermal exposure to a glyphosate-surfactant herbicide.

Changes in differential gene expression in fibroblast cells from patients with triple A syndrome under oxidative stress.

Laboratory and field exposure of two species of juvenile amphibians to a glyphosate-based herbicide and *Batrachochytrium dendrobatidis*.

The effect of stereochemistry on the biological activity of natural phytotoxins, fungicides, insecticides and herbicides.

Functional GPR37 trafficking protects against toxicity induced by 6-OHDA, MPP+ or rotenone in a catecholaminergic cell line.

Mixtures of glyphosate and surfactant TN20 accelerate cell death via mitochondrial damage-induced apoptosis and necrosis.

Risk assessment of herbicides and booster biocides along estuarine continuums in the Bay of Vilaine area (Brittany, France).

Long-term impact of sublethal atrazine perturbs the redox homeostasis in pea (*Pisum sativum* L.) plants.

Inactivation of GAPDH as one mechanism of acrolein toxicity.

Biochemical and molecular mechanisms of N-acetyl cysteine and silymarin-mediated protection against maneb- and paraquat-induced hepatotoxicity in rats.

Paraquat-induced retinal degeneration is exaggerated in CX3CR1-deficient mice and is associated with increased retinal inflammation.

Drosophila Trap1 protects against mitochondrial dysfunction in a PINK1/parkin model of Parkinson's disease.

Ratio of angiotensin-2 to angiotensin-1 predicts mortality in acute lung injury induced by paraquat.

[Glyphosate and its formulations--toxicity, occupational and environmental exposure].

Knockdown of the gene for homeobox protein HOXB13 reduces toxicity of oxidative-stress inducers in HEK293 cells.

Renal replacement therapy in acute poisonings--one center experience.

Glyphosate applications on arable fields considerably coincide with migrating amphibians.

Continuous real-time in vivo measurement of cerebral nitric oxide supports theoretical predictions of an irreversible switching in cerebral ROS after sufficient exposure to external toxins.

Acrolein-induced inflammatory signaling in vascular smooth muscle cells requires activation of serum response factor (SRF) and NF- κ B.

The uremic toxin acrolein promotes suicidal erythrocyte death.

Recovery ability of common carp (*Cyprinus carpio*) after a short-term exposure to terbutylazine.

Cytoprotective effect of alpha-lipoic acid on paraquat-exposed human bronchial epithelial cells via activation of nuclear factor erythroid related factor-2 pathway.

Immunotoxicity of atrazine in Balb/c mice.

Vitamin E ameliorates the decremental effect of paraquat on cardiomyocyte contractility in rats.

Daily subacute paraquat exposure decreases muscle function and substantia nigra dopamine level.

Pesticide acute toxicity is a better correlate of U.S. grassland bird declines than agricultural intensification.

[Hypoxia-inducible factor-1 α expression in renal tissue of rats with paraquat poisoning].

[Intervention of pyrrolidine dithiocarbamate on expressions of connective tissue growth factor, type I collagen, and type III collagen in acute paraquat poisoned rats].

Acute kidney injury following Paraquat poisoning in India.

Evaluation of the capacity of the cyanobacterium *Microcystis novacekii* to remove atrazine from a culture medium.

Docosahexaenoic acid (DHA) attenuated paraquat induced lung damage in mice.

Liver injury induced by thirty- and fifty-nanometer-diameter silica nanoparticles.

Effects of the herbicide imazapyr on juvenile Oregon spotted frogs.

Effects of chlorimuron ethyl on terrestrial and wetland plants: Levels of, and time to recovery following sublethal exposure.

Repeated exposure to the herbicide atrazine alters locomotor activity and the nigrostriatal dopaminergic system of the albino rat.

Amelioration of paraquat-induced pulmonary injury by mesenchymal stem cells.

A nationwide evidence-based study of factors associated with hospitalisations due to unintentional poisoning and poisoning mortality in Taiwan.

A 90-day feeding study of glyphosate-tolerant maize with the G2-aroA gene in Sprague-Dawley rats.

Involvement of interleukin-6-regulated nitric oxide synthase in hemorrhagic cystitis and impaired bladder contractions in young rats induced by acrolein, a urinary metabolite of cyclophosphamide.

Alterations of microbial populations and composition in the rhizosphere and bulk soil as affected by residual acetochlor.

Oxidative stress contributes to outcome severity in a *Drosophila melanogaster* model of classic galactosemia.

Paraquat research: do recent advances in limiting its toxicity make its use safer?

The antidote effect of quinone oxidoreductase 2 inhibitor against paraquat-induced toxicity in vitro and in vivo.

Differential regulation of the rainbow trout (*Oncorhynchus mykiss*) MT-A gene by nuclear factor interleukin-6 and activator protein-1.

Arsenic metabolism efficiency has a causal role in arsenic toxicity: Mendelian randomization and gene-environment interaction.

Are the smoking-induced diseases an acquired form of cystic fibrosis?

Rapid inactivation of *Salmonella Enteritidis* on shell eggs by plant-derived antimicrobials.

Effect of intravenous or oral sodium chlorate administration on the fecal shedding of *Escherichia coli* in sheep.

Slow accumulation of mutations in *Xpc*^{-/-} mice upon induction of oxidative stress.

Cigarette smoke induces systemic defects in cystic fibrosis transmembrane conductance regulator function.

Comparative study of the possible protective effects of cinnamic acid and cinnamaldehyde on cisplatin-induced nephrotoxicity in rats.

Cationic uremic toxins affect human renal proximal tubule cell functioning through interaction with the organic cation transporter.

Acrolein stimulates the synthesis of IL-6 and C-reactive protein (CRP) in thrombosis model mice and cultured cells.

Antinociceptive effects of ethanolic extract from the flowers of *Acmella oleracea* (L.) R.K. Jansen in mice.

Human health risk from arsenical pesticide contaminated soils: a long-term greenhouse study.

SLCO1B1 variants and urine arsenic metabolites in the Strong Heart Family Study.

Protective effects of cinnamic acid and cinnamic aldehyde on isoproterenol-induced acute myocardial ischemia in rats.

Acrolein exposure suppresses antigen-induced pulmonary inflammation.

New insights in the pathogenesis of multiple sclerosis--role of acrolein in neuronal and myelin damage.

Anti-inflammatory effect of thalidomide in paraquat-induced pulmonary injury in mice.

Role of aldose reductase in the metabolism and detoxification of carnosine-acrolein conjugates.

European corn borer (*Ostrinia nubilalis*) induced responses enhance susceptibility in maize.

Arsenic exposure from drinking water, arsenic methylation capacity, and carotid intima-media thickness in Bangladesh.

Determination of urine 3-HPMA, a stable acrolein metabolite in a rat model of spinal cord injury.

Minocycline, levodopa and MnTMPyP induced changes in the mitochondrial proteome profile of MPTP and maneb and paraquat mice models of Parkinson's disease.

Plant derived aporphinic alkaloid S-(+)-dicentrine induces antinociceptive effect in both acute and chronic inflammatory pain models: evidence for a role of TRPA1 channels.

The dose of cyclophosphamide for treating paraquat-induced rat lung injury.

Cyclophosphamide dose: how much is needed to win the war against paraquat poisoning?

Mitochondria-targeted antioxidant peptide SS31 protects the retinas of diabetic rats.

Wnt/ β -catenin signaling protects mouse liver against oxidative stress-induced apoptosis through the inhibition of forkhead transcription factor FoxO3.

Synthesis and biological evaluation of novel styryl benzimidazole derivatives as probes for imaging of neurofibrillary tangles in Alzheimer's disease.

In vitro sensitivity of poultry *Brachyspira intermedia* isolates to essential oil components and in vivo reduction of *Brachyspira intermedia* in rearing pullets with cinnamaldehyde feed supplementation.

Aldehyde dehydrogenase-2 inhibition blocks remote preconditioning in experimental and human models.

Glyphosate suppresses the antagonistic effect of *Enterococcus* spp. on *Clostridium botulinum*.

Regular ingestion of *cinnamomi cortex pulveratus* offers gastroprotective activity in mice.

Identification of aldo-keto reductases as NRF2-target marker genes in human cells.

9-cis retinoic acid is the ALDH1A1 product that stimulates melanogenesis.

Thirteen week rodent feeding study with grain from molecular stacked trait lepidopteran and coleopteran protected (DP- $\sim\sim$ 4114-3) maize.

Central nervous system damage due to acute paraquat poisoning: an experimental study with rat model.

Early growth response protein 1 upregulation and nuclear translocation by 2'-benzyloxycinnamaldehyde induces prostate cancer cell death.

Arsenic speciation in saliva of acute promyelocytic leukemia patients undergoing arsenic trioxide treatment.

2-Hydroxycinnamaldehyde inhibits the epithelial-mesenchymal transition in breast cancer cells.

Secondary and tertiary sulfonamides: a patent review (2008 - 2012).

Low doses of paraquat and polyphenols prolong life span and locomotor activity in knock-down parkin *Drosophila melanogaster* exposed to oxidative stress stimuli: implication in autosomal recessive juvenile parkinsonism.

The ultra-early protective effect of ulinastatin on rabbit acute lung injury induced by paraquat.

Combined treatment with bone marrow mesenchymal stem cells and methylprednisolone in paraquat-induced acute lung injury.

Interaction of cinnamaldehyde and epicatechin with tau: implications of beneficial effects in modulating Alzheimer's disease pathogenesis.

Use of biometric, hematologic, and plasma biochemical variables, and histopathology to assess the chronic effects of the herbicide prometryn on Common Carp.

Cinnamaldehyde-induced apoptosis in human hepatoma PLC/PRF/5 cells involves the mitochondrial death pathway and is sensitive to inhibition by cyclosporin A and z-VAD-fmk.

Paraquat inhibits cell viability via enhanced oxidative stress and apoptosis in human neural progenitor cells.

Carotenoid deficiency impairs ABA and IAA biosynthesis and differentially affects drought and cold tolerance in rice.

How does iron deficiency disrupt the electron flow in photosystem I of lettuce leaves?

A cigarette component acrolein induces accelerated senescence in human diploid fibroblast IMR-90 cells.

LESION SIMULATING DISEASE1 interacts with catalases to regulate hypersensitive cell death in Arabidopsis.

Stimulation of suicidal erythrocyte death by trans-cinnamaldehyde.

Sethoxydim treatment inhibits lipid metabolism and enhances the accumulation of anthocyanins in rape (*Brassica napus* L.) leaves.

[Distribution of arsenic species and its DNA damage in subchronic arsenite-exposed mice].

Acetaldehyde-induced cytotoxicity involves induction of spermine oxidase at the transcriptional level.

PKC δ mediates paraquat-induced Nox1 expression in dopaminergic neurons.

Sub-acute exposure to the herbicide atrazine suppresses cell immune functions in adolescent mice.

Reactive oxygen species promote chloroplast dysfunction and salicylic acid accumulation in fumonisin B1-induced cell death.

Participation of nitric oxide pathway in the relaxation response induced by E-cinnamaldehyde oxime in superior mesenteric artery isolated from rats.

Chronic oxidative stress modulates TRPC3 and TRPM2 channel expression and function in rat primary cortical neurons: relevance to the pathophysiology of bipolar disorder.

Changes in nitrosative stress biomarkers in swine intestine following dietary intervention with verbascoside.

Antimitotic herbicides bind to an unidentified site on malarial parasite tubulin and block development of liver-stage Plasmodium parasites.

Assessment of the acaricidal activity of carvacrol, (E)-cinnamaldehyde, trans-anethole, and linalool on larvae of Rhipicephalus microplus and Dermacentor nitens (Acari: Ixodidae).

Hydroxylamine acutely activates glucose uptake in L929 fibroblast cells.

Differential regulation of GLUT1 activity in human corneal limbal epithelial cells and fibroblasts.

Neuroprotective effect of trans-cinnamaldehyde on the 6-hydroxydopamine-induced dopaminergic injury.

Effect of chronic exposure to prometryne on oxidative stress and antioxidant response in common carp (Cyprinus carpio L.).

Photochemical degradation of atrazine in UV and UV/H₂O₂ process: pathways and toxic effects of products.

Antioxidant action of ellagic acid ameliorates paraquat-induced A549 cytotoxicity.

Surveillance-activated defenses block the ROS-induced mitochondrial unfolded protein response.

Peroxisomal catalase deficiency modulates yeast lifespan depending on growth conditions.

Assays for the measurement of lipid peroxidation.

Arsenic augments the uptake of oxidized LDL by upregulating the expression of lectin-like oxidized LDL receptor in mouse aortic endothelial cells.

Singlet oxygen mediated DNA damage induced phototoxicity by ketoprofen resulting in mitochondrial depolarization and lysosomal destabilization.

The neurological effects of methyl bromide intoxication.

Novel whole-tissue quantitative assay of nitric oxide levels in Drosophila neuroinflammatory response.

Impaired chemoreflex sensitivity during septic shock induced by cecal ligation and perforation.

Malabsorption anemia and iron supplement induced constipation in post-Roux-en-Y gastric bypass (RYGB) patients.

Circulating soluble CD27 and CD30 in workers exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD).

Calcium and magnesium elimination enhances accumulation of cardenolides in callus cultures of endemic *Digitalis* species of Turkey.

Induction of thymic stromal lymphopoietin production by nonanoic acid and exacerbation of allergic inflammation in mice.

Tl(+) induces both cationic and transition pore permeability in the inner membrane of rat heart mitochondria.

Protein-bound uremic toxins stimulate crosstalk between leukocytes and vessel wall.

Thiamin diphosphate-dependent enzymes: from enzymology to metabolic regulation, drug design and disease models.

Pea protein provides a promising matrix for microencapsulating iron.

Mechanical ventilation causes pulmonary mitochondrial dysfunction and delayed alveolarization in neonatal mice.

Redox-sensitive glycogen synthase kinase 3 β -directed control of mitochondrial permeability transition: rheostatic regulation of acute kidney injury.

Methyl iodide rhombencephalopathy: clinico-radiological features of a preventable, potentially fatal industrial accident.

Bone remodelling is reduced by recovery from iron-deficiency anaemia in premenopausal women.

Evaluation of a human neurite growth assay as specific screen for developmental neurotoxicants.

Role of mitogen-activated protein kinase cascades in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced apoptosis in neuronal pheochromocytoma cells.

A genetic basis for the variable effect of smoking/nicotine on Parkinson's disease.

Oxidative DNA damage and in vivo mutagenicity caused by reactive oxygen species generated in the livers of p53-proficient or -deficient gpt delta mice treated with non-genotoxic hepatocarcinogens.

Novel, broad-spectrum anticonvulsants containing a sulfamide group: pharmacological properties of (S)-N-[(6-chloro-2,3-dihydrobenzo[1,4]dioxin-2-yl)methyl]sulfamide (JNJ-26489112).

Arsenic exposure affects plasma insulin-like growth factor 1 (IGF-1) in children in rural Bangladesh.

Photosensitization of singlet oxygen and in vivo photodynamic therapeutic effects mediated by PEGylated W(18)O(49) nanowires.

New insights to the role of aryl hydrocarbon receptor in bone phenotype and in dioxin-induced modulation of bone microarchitecture and material properties.

Differential influences of the aryl hydrocarbon receptor on Th17 mediated responses in vitro and in vivo.

Does the adequacy parameter Kt/V(urea) reflect uremic toxin concentrations in hemodialysis patients?

ITE, a novel endogenous nontoxic aryl hydrocarbon receptor ligand, efficiently suppresses EAU and T-cell-mediated immunity.

Reversal of hypertriglyceridemia, fatty liver disease, and insulin resistance by a liver-targeted mitochondrial uncoupler.

Spatiotemporal alterations in Sprouty-2 expression and tyrosine phosphorylation in nitrofen-induced pulmonary hypoplasia.

[Intoxication due to pesticides in the central northern region of the State of Paraná, Brazil - 2002 to 2011].

Letter commentary on Tai et al: dioxin exposure in breast milk and infant neurodevelopment in Vietnam.

Comparison of different preenrichment broths, egg:preenrichment broth ratios, and surface disinfection for the detection of *Salmonella enterica* ssp. *enterica* serovar Enteritidis in shell eggs.

The effect of a school-based iron intervention on the haemoglobin concentration of school children in north-west Pakistan.

Kidney hypoxia, attributable to increased oxygen consumption, induces nephropathy independently of hyperglycemia and oxidative stress.

Expression of Sproutys and SPREDs is decreased during lung branching morphogenesis in nitrofen-induced pulmonary hypoplasia.

Aryl hydrocarbon receptor and experimental autoimmune arthritis.

Pulmonary FGF-18 gene expression is downregulated during the canalicular-saccular stages in nitrofen-induced hypoplastic lungs.

Pretreatment with TCDD exacerbates liver injury from Concanavalin A: critical role for NK cells.

New insights into the aryl hydrocarbon receptor as a modulator of host responses to infection.

Ten years of progress in the Hokkaido birth cohort study on environment and children's health: cohort profile--updated 2013.

Metabonomic study on the biochemical response of spontaneously hypertensive rats to chronic taurine supplementation using ^1H NMR spectroscopic urinalysis.

Protein-bound uremic toxins: new targets to prevent insulin resistance and dysmetabolism in patients with chronic kidney disease.

Maintaining energy homeostasis is an essential component of Wld(S)-mediated axon protection.

Multiple classes of environmental chemicals are associated with liver disease: NHANES 2003-2004.

Association between blood levels of PCDDs/PCDFs/dioxin-like PCBs and history of allergic and other diseases in the Japanese population.

Involvement of HIF-2 α -mediated inflammation in arsenite-induced transformation of human bronchial epithelial cells.

Multiple pesticide exposures and the risk of multiple myeloma in Canadian men.

Chitosan oligosaccharides attenuates oxidative-stress related retinal degeneration in rats.

Death receptor 6 (DR6) antagonist antibody is neuroprotective in the mouse SOD1G93A model of amyotrophic lateral sclerosis.

IRON-HF study: a randomized trial to assess the effects of iron in heart failure patients with anemia.

Gender-specific metabolomic profiling of obesity in leptin-deficient ob/ob mice by ¹H NMR spectroscopy.

Hypothyroidism and pesticide use among male private pesticide applicators in the agricultural health study.

Gastrointestinal-related uremic toxins in peritoneal dialysis: a pilot study with a 5-year follow-up.

Effect of simultaneous supplementation of vitamin A and iron on diarrheal and respiratory tract infection in preschool children in Chengdu City, China.

Pesticides that inhibit the ubiquitin-proteasome system: effect measure modification by genetic variation in SKP1 in Parkinson's disease.

A population-based case-control study of urinary arsenic species and squamous cell carcinoma in New Hampshire, USA.

Plasma and urine metabolic fingerprinting of type 1 diabetic children.

TRPM8 is the principal mediator of menthol-induced analgesia of acute and inflammatory pain.

Reduction of CC-chemokine ligand 5 by aryl hydrocarbon receptor ligands.

MicroRNA-132 suppresses autoimmune encephalomyelitis by inducing cholinergic anti-inflammation: a new Ahr-based exploration.

Indolic uremic solutes increase tissue factor production in endothelial cells by the aryl hydrocarbon receptor pathway.

Expression of zinc-deficient human superoxide dismutase in *Drosophila* neurons produces a locomotor defect linked to mitochondrial dysfunction.

[Role of iron in the treatment of attention deficit-hyperactivity disorder].

Cytologic and histologic findings of iron pill-induced injury of the lower respiratory tract.

Integration of halofuginone lactate treatment and disinfection with p-chloro-m-cresol to control natural cryptosporidiosis in calves.

Impairment of autophagy: from hereditary disorder to drug intoxication.

Geospatial association of endemicity of ataxic polyneuropathy and highly cyanogenic cassava cultivars.

The mitochondrial dysfunction plays an important role in urethane-induced lung carcinogenesis.

Interventions for preventing diarrhea-associated hemolytic uremic syndrome: systematic review.

[Chronic combined effects of fluoride and arsenite on the Runx2 and downstream related factors of bone metabolism in rats].

Coverage and adequacy of ferrous sulfate supplementation in the prevention of anemia among children treated at health centers of Florianopolis, Santa Catarina.

[Effectiveness of ferrous sulfate supplementation in the prevention of anemia in children: a systematic literature review and meta-analysis].

Persistent organic pollutants and hyperuricemia in the U.S. general population.

Prenatal exposure to environmental contaminants and behavioural problems at age 7-8years.

Impaired cardiovascular function caused by different stressors elicits a common pathological and transcriptional response in zebrafish embryos.

Synthesis and evaluation of 1-[2-(4-[(11)C]methoxyphenyl)phenyl]piperazine for imaging of the serotonin 5-HT₇ receptor in the rat brain.

Renal clearance and intestinal generation of p-cresyl sulfate and indoxyl sulfate in CKD.

Early dioxin exposure causes toxic effects in adult zebrafish.

Suppression of acute graft-versus-host response by TCDD is independent of the CTLA-4-IFN- γ -IDO pathway.

Low-dose food contaminants trigger sex-specific, hepatic metabolic changes in the progeny of obese mice.

Numerous protein-bound solutes are cleared by the kidney with high efficiency.

Relative efficacies of insulin and poly (lactic-co-glycolic) acid encapsulated nano-insulin in modulating certain significant biomarkers in arsenic intoxicated L6 cells.

Iron supplementation in premature infants using the zinc protoporphyrin to heme ratio: short- and long-term outcomes.

Dioxin exposure in breast milk and infant neurodevelopment in Vietnam.

Arsenic induced toxicity and histopathological changes in gill and liver tissue of freshwater fish, tilapia (*Oreochromis mossambicus*).

Propolis alleviates 2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced histological changes, oxidative stress and DNA damage in rat liver.

Plasma p-cresol lowering effect of sevelamer in peritoneal dialysis patients: evidence from a Cross-Sectional Observational Study.

Mitochondrial respiratory chain dysfunction modulates metalloproteases -1, -3 and -13 in human normal chondrocytes in culture.

Addressing historic environmental exposures along the Alaska Highway.

Aromatic hydrocarbon receptor inhibits lysophosphatidic acid-induced vascular endothelial growth factor-A expression in PC-3 prostate cancer cells.

Cluster-randomised trial of the impact of school-based deworming and iron supplementation on the cognitive abilities of schoolchildren in Sri Lanka's plantation sector.

Disruption of the bone morphogenetic protein receptor 2 pathway in nitrofen-induced congenital diaphragmatic hernia.

Diabetes, metabolic syndrome, and obesity in relation to serum dioxin concentrations: the Seveso women's health study.

Proteomic analysis of primary cultured rat cortical neurons in chemical ischemia.

Oxidative stress is not involved in motion sickness in mice.

Malassezia yeasts produce a collection of exceptionally potent activators of the Ah (dioxin) receptor detected in diseased human skin.

Role of the Toll Like receptor (TLR) radical cycle in chronic inflammation: possible treatments targeting the TLR4 pathway.

Ascertainment of iron deficiency and depletion in blood donors through screening questions for pica and restless legs syndrome.

Aminoguanidine prevents testicular damage-induced-2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in male rats.

Beneficial effect of astaxanthin on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced liver injury in rats.

Schistosomiasis chemotherapy.

Transgenic indica rice lines, expressing Brassica juncea Nonexpressor of pathogenesis-related genes 1 (BjNPR1), exhibit enhanced resistance to major pathogens.

Temperature increase exacerbates apoptotic neuronal death in chemically-induced ischemia.

Relationship between the autoantibody and expression of β -adrenoceptor in lung and heart.

Smoke carcinogens cause bone loss through the aryl hydrocarbon receptor and induction of Cyp1 enzymes.

[Effectiveness of iron amino acid chelate versus ferrous sulfate as part of a food complement in preschool children with iron deficiency, Medel-A-n, 2011].

[The characteristics and trends of acute pesticide poisoning of Shaoxing in 2006 to 2011].

Parkinson's disease and pesticide exposure--a new assessment.

Electrophysiological and behavioral responses of Thanatophilus sinuatus Fabricius (Coleoptera: Silphidae) to selected cadaveric volatile organic compounds.

Hyperuricemia after exposure to polychlorinated dibenzo-p-dioxins and dibenzofurans near a highly contaminated area.

Renal metabolic profiling of early renal injury and renoprotective effects of *Poria cocos* epidermis using UPLC Q-TOF/HSMS/MSE.

A prospective study of arsenic exposure, arsenic methylation capacity, and risk of cardiovascular disease in Bangladesh.

Monoisoamyl 2,3-dimercaptosuccinic acid attenuates arsenic induced toxicity: behavioral and neurochemical approach.

2,3,7,8-TCDD induces neurotoxicity and neuronal apoptosis in the rat brain cortex and PC12 cell line through the down-regulation of the Wnt/ β -catenin signaling pathway.

Proteomic analysis of arsenic-exposed zebrafish (*Danio rerio*) identifies altered expression in proteins involved in fibrosis and lipid uptake in a gender-specific manner.

Antioxidant and micronutrient-rich milk formula reduces lead poisoning and related oxidative damage in lead-exposed mice.

Skeletal muscle ryanodine receptor mutations associated with malignant hyperthermia showed enhanced intensity and sensitivity to triggering drugs when expressed in human embryonic kidney cells.

Longwave UV light induces the aging-associated progerin.

Lipophilic adamantyl- or deferasirox-based conjugates of desferrioxamine B have enhanced neuroprotective capacity: implications for Parkinson disease.

Novel cell-based assay reveals associations of circulating serum AhR-ligands with metabolic syndrome and mitochondrial dysfunction.

Use of near-infrared spectroscopy to identify trends in regional cerebral oxygen saturation in horses.

Hematological effects of arsenic in rats after subchronical exposure during pregnancy and lactation: the protective role of antioxidants.

Abscisic Acid Promotes Susceptibility to the Rice Leaf Blight Pathogen *Xanthomonas oryzae* pv *oryzae* by Suppressing Salicylic Acid-Mediated Defenses.

Retained organic solutes, patient characteristics and all-cause and cardiovascular mortality in hemodialysis: results from the retained organic solutes and clinical outcomes (ROSCO) investigators.

Does p-cresylglucuronide have the same impact on mortality as other protein-bound uremic toxins?

Arsenic upregulates the expression of angiotensin II Type I receptor in mouse aortic endothelial cells.

Prevention of transfusion-associated graft-versus-host disease by irradiation: technical aspect of a new ferrous sulphate dosimetric system.

Differences in circulating non-transferrin-bound iron after oral administration of ferrous sulfate, sodium iron EDTA, or iron polymaltose in women with marginal iron stores.

Reduction in impulse noise-induced permanent threshold shift with intracochlear application of an NADPH oxidase inhibitor.

Aberrant pulmonary lymphatic development in the nitrofen mouse model of congenital diaphragmatic hernia.

[Relationship between parental exposure to chemicals and risk of childhood acute leukemia].

Iron plays a certain role in patterned hair loss.

The aryl hydrocarbon receptor and food allergy.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) enhances placental inflammation.

The roles of aryl hydrocarbon receptor in immune responses.

Effects of iron polymaltose complex, ferrous fumarate and ferrous sulfate treatments in anemic pregnant rats, their fetuses and placentas.

Cell death pattern of a varicose vein organ culture model.

Selenium-binding protein 1: its physiological function, dependence on aryl hydrocarbon receptors, and role in wasting syndrome by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Monitoring of deiodinase deficiency based on transcriptomic responses in SH-SY5Y cells.

The human Ah receptor: hints from dioxin toxicities to deregulated target genes and physiological functions.

Expression and potential role of apolipoprotein D on the death-survival balance of human colorectal cancer cells under oxidative stress conditions.

Seizure control by ketogenic diet-associated medium chain fatty acids.

Multidrug resistance protein 1 (ABCC1) confers resistance to arsenic compounds in human myeloid leukemic HL-60 cells.

Dioxin-like compounds are not associated with bone strength measured by ultrasonography in Inuit women from Nunavik (Canada): results of a cross-sectional study.

Epigenetics and pesticides.

[The antagonistic effect of folic acid and resveratrol on cleft palate in mice induced by TCDD].

[Effects of Shenwu capsule on learning-memory ability and cholinergic function of brain in AD-like rat model induced by chronic infusion of sodium azide by minipump].

[Effects of icariin on beta-amyloid and neurotrophic factors in brain of mitochondrial deficiency model rats].

The weeding of *Ambrosia artemisiifolia* and sanitary risks.

Severe anemia in 3 toddlers with gastric lactobezoar.

Circulating levels of persistent organic pollutants (POPs) are associated with left ventricular systolic and diastolic dysfunction in the elderly.

Multiple micronutrient supplementation reduces anemia and anxiety in rural China's elementary school children.

Activation of the aryl hydrocarbon receptor sensitizes mice to nonalcoholic steatohepatitis by deactivating mitochondrial sirtuin deacetylase Sirt3.

Nerve growth factor exhibits an antioxidant and an autocrine activity in mouse liver that is modulated by buthionine sulfoximine, arsenic, and acetaminophen.

Biological and tumor-promoting effects of dioxin-like and non-dioxin-like polychlorinated biphenyls in mouse liver after single or combined treatment.

Deletion or activation of the aryl hydrocarbon receptor alters adult hippocampal neurogenesis and contextual fear memory.

Teratogenic effects of 4-nonylphenol on early embryonic and larval development of the catfish *Heteropneustes fossilis*.

Sodium arsenite-induced cardiotoxicity in rats: protective role of p-coumaric acid, a common dietary polyphenol.

Intravenous iron sucrose versus oral iron ferrous sulfate for antenatal and postpartum iron deficiency anemia: a randomized trial.

Association between exposure to dioxin-like polychlorinated biphenyls and miR-191 expression in human peripheral blood mononuclear cells.

The aryl hydrocarbon receptor: a novel target for immunomodulation in organ transplantation.

Gastrointestinal stromal tumors, somatic mutations and candidate genetic risk variants.

[Serum levels of IL-21 and TGF-beta in the Yusho patients].

[Relationships between concentrations of dioxin isomers and symptoms, and among concentrations and half-lives of dioxin isomers, in patients with Yusho disease].

Managing severe anemia when the patient is a Jehovah's Witness.

Nox4 as a potential therapeutic target for treatment of uremic toxicity associated to chronic kidney disease.

Decreased expression of GATA4 in the diaphragm of nitrofen-induced congenital diaphragmatic hernia.

Ethylendioxy-PIP2 oxalate reduces ganglioside storage in juvenile Sandhoff disease mice.

Postmortem analyses of gaseous and volatile substances in pericardial fluid and bone marrow aspirate.

Removal of protein-bound, hydrophobic uremic toxins by a combined fractionated plasma separation and adsorption technique.

p-Cresyl sulfate causes renal tubular cell damage by inducing oxidative stress by activation of NADPH oxidase.

Albumin is the main plasma binding protein for indoxyl sulfate and p-cresyl sulfate.

Tolerability of different oral iron supplements: a systematic review.

Low serum lipocalin levels in patients with iron deficiency anemia.

An integrated plasma and urinary metabolomic study using UHPLC-MS: intervention effects of Epimedium koreanum on 'Kidney-Yang Deficiency syndrome' rats.

Cresyl saligenin phosphate makes multiple adducts on free histidine, but does not form an adduct on histidine 438 of human butyrylcholinesterase.

Dioxin receptor expression inhibits basal and transforming growth factor β -induced epithelial-to-mesenchymal transition.

Role of hepatic and pancreatic oxidative stress in arsenic induced diabetic condition in Wistar rats.

Health risk assessment of occupational exposure to hazardous volatile organic compounds in swine gestation, farrowing and nursery barns.

[Be based on the morphological and histological changes to study optimal dose of TCDD induced cleft palate in mice embryo].

[Problems of adherence to the program of prevention of iron deficiency anemia and supplementation with iron salts in the city of Viçosa, Minas Gerais, Brazil].

Cases from NACCT acute and intensive care symposium: altered mental status, seizures, and rash in a fumigation company employee.

A randomized, double-blind clinical study on the safety and tolerability of an iron multi-amino acid chelate preparation in premenopausal women.

Arsenic induced neuronal apoptosis in guinea pigs is Ca^{2+} dependent and abrogated by chelation therapy: role of voltage gated calcium channels.

Amniotic lamellar body count and congenital diaphragmatic hernia in humans and in a rat model.

Differential sensitivity to pro-oxidant exposure in two populations of killifish (*Fundulus heteroclitus*).

Iron is involved in the maintenance of circadian period length in *Arabidopsis*.

Mortality of American bullfrog tadpoles *Lithobates catesbeianus* infected by *Gyrodactylus jennyae* and experimentally exposed to *Batrachochytrium dendrobatidis*.

Exhaled breath and fecal volatile organic biomarkers of chronic kidney disease.

Impaired mitochondrial metabolism and mammary carcinogenesis.

Spontaneous renal tumors in two rats from a thirteen week rodent feeding study with grain from molecular stacked trait lepidopteran and coleopteran resistant (DP-4114-3) maize.

Functional regulation of P-glycoprotein at the blood-brain barrier in proton-coupled folate transporter (PCFT) mutant mice.

Genetic susceptibility to dioxin-like chemicals' induction of cytochrome P4501A2 in the human adult linked to specific AhRR polymorphism.

Urinary p-cresol in autism spectrum disorder.

Effects of quercetin and chrysin on 2,3,7,8-tetrachlorodibenzo-p-dioxin induced hepatotoxicity in rats.

Comparison of treatments to inactivate viral hemorrhagic septicemia virus (VHSV-IVb) in frozen baitfish.

Nuclear import and export signals control the subcellular localization of Nurr1 protein in response to oxidative stress.

Peripheral neuropathy due to dinitrophenol used for weight loss: something old, something new.

Parkinson's disease-associated human P5B-ATPase ATP13A2 increases spermidine uptake.

Cyprodinil as an activator of aryl hydrocarbon receptor.

[Reduction in alcohol consumption: therapeutic goal in alcohol dependence treatment].

Defense activated by 9-lipoxygenase-derived oxylipins requires specific mitochondrial proteins.

Pesticides, microglial NOX2, and Parkinson's disease.

Hepcidin levels predict nonresponsiveness to oral iron therapy in patients with iron deficiency anemia.

A novel UPLC-MS-MS method for simultaneous determination of seven uremic retention toxins with cardiovascular relevance in chronic kidney disease patients.

Intrarenal metabolomic investigation of chronic kidney disease and its TGF- β 1 mechanism in induced-adenine rats using UPLC Q-TOF/HSMS/MS(E).

Potential carcinogenic effects of world trade center dust after intratracheal instillation to Sprague-Dawley rats: first observation.

Blood levels of PCDDs, PCDFs, and coplanar PCBs in Yusho mothers and their descendants: association with fetal Yusho disease.

An update on uremic toxins.

Dioxin suppresses benzo[a]pyrene-induced mutations and DNA adduct formation through cytochrome P450 1A1 induction and (\pm)-anti-benzo[a]pyrene-7,8-diol-9,10-epoxide inactivation in human hepatoma cells.

Methane biogenesis during sodium azide-induced chemical hypoxia in rats.

Inorganic arsenic impairs differentiation and functions of human dendritic cells.

2,3,7,8-TCDD enhances the sensitivity of mice to concanavalin A immune-mediated liver injury.

CD44v6 expression in human skin keratinocytes as a possible mechanism for carcinogenesis associated with chronic arsenic exposure.

Cultured human peripheral blood mononuclear cells alter their gene expression when challenged with endocrine-disrupting chemicals.

Chloroacetic acid induced neuronal cells death through oxidative stress-mediated p38-MAPK activation pathway regulated mitochondria-dependent apoptotic signals.

Computer modelling as a tool for the exposure assessment of operators using faulty agricultural pesticide spraying equipment.

A forgotten screening test for iron deficiency anemia: oral iron absorption test.

[Halitosis concomitant with chronic ENT pathology in children].

Trichosanthes dioica root alleviates arsenic induced myocardial toxicity in rats.

A computational approach to chemical etiologies of diabetes.

The role of aryl hydrocarbon receptor-regulated cytochrome P450 enzymes in glioma.

[Molecular mechanisms for uremic toxin-induced oxidative tissue damage via a cardiovascular-renal connection].

Iron absorption following a single oral dose of ferrous sulfate or ferric gluconate in patients with gastrectomy.

Increased kidney metabolism as a pathway to kidney tissue hypoxia and damage: effects of triiodothyronine and dinitrophenol in normoglycemic rats.

Occurrence of disseminated intravascular coagulation in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced pneumonia in the rat.

Removal of protein-bound uraemic toxins by haemodialysis.

Correlations between BRCA1 defect and environmental factors in the risk of breast cancer.

Successful treatment of severe iron intoxication with gastrointestinal decontamination, deferoxamine, and hemodialysis.

Prenatal exposure to a polychlorinated biphenyl (PCB) congener influences fixation duration on biological motion at 4-months-old: a preliminary study.

Accidental occupational exposure to phytosanitary products: experience of the Poison Control Center in Marseille from 2008 to 2010.

[Statement of the Polish Gynecological Society Expert Group on the use of iron preparations (Tardyferon, Tardyferon-Fol) in obstetrics and gynaecology].

Effects of combined ferrous sulphate administration and exposure to static magnetic field on spatial learning and motor abilities in rats.

Isoflurane preconditioning confers cardioprotection by activation of ALDH2.

Clinical benefits of predilution on-line hemodiafiltration.

Warburg and Crabtree effects in premalignant Barrett's esophagus cell lines with active mitochondria.

Basolateral invasion and trafficking of *Campylobacter jejuni* in polarized epithelial cells.

Effect of nitrofen in the final stages of development of the diaphragm muscle in rats.

In vivo efficacy of ferrihydrite as an enterosorbent for arsenic: short-term evaluation in rodents.

Bronchial stenosis after iron pill aspiration.

KML001 displays vascular disrupting properties and irinotecan combined antitumor activities in a murine tumor model.

Oculomotor deficits in aryl hydrocarbon receptor null mouse.

Human neuromelanin: an endogenous microglial activator for dopaminergic neuron death.

p-Cresyl sulfate promotes insulin resistance associated with CKD.

Interval estimation of the mean difference in the analysis of over-dispersed count data.

Increased activation of NADPH oxidase 4 in the pulmonary vasculature in experimental diaphragmatic hernia.

Decreased pulmonary c-Cbl expression and tyrosine phosphorylation in the nitrofen-induced rat model of congenital diaphragmatic hernia.

Evaluation of lipid peroxidation and antioxidant system in healthy iron-replete infants receiving iron prophylaxis.

Increased trophoblastic apoptosis mediated by neutrophil gelatinase-associated lipocalin (NGAL) activation in the nitrofen model of congenital diaphragmatic hernia.

Effect of different doses of iron supplementation during pregnancy on maternal and infant health.

Amniotic fluid stem cells rescue both in vitro and in vivo growth, innervation, and motility in nitrofen-exposed hypoplastic rat lungs through paracrine effects.

Association between uremic toxins and depression in patients with chronic kidney disease undergoing maintenance hemodialysis.

Sequence capture and massively parallel sequencing to detect mutations associated with malignant hyperthermia.

Inhibition of neurite outgrowth and alteration of cytoskeletal gene expression by sodium arsenite.

Uremic toxins inhibit renal metabolic capacity through interference with glucuronidation and mitochondrial respiration.

Delayed temporal increase of hepatic Hsp70 in ApoE knockout mice after prenatal arsenic exposure.

Timing and expression of the angiotensin-1-Tie-2 pathway in murine lung development and congenital diaphragmatic hernia.

Comparison of destructive periodontal disease in blue iris mink to PCB 126-induced mandibular and maxillary squamous epithelial proliferation in natural dark mink.

Food Safety: at the center of a One Health approach for combating zoonoses.

Dioxins: diagnostic and prognostic challenges arising from complex mechanisms.

p-Cresol sulfate and indoxyl sulfate induce similar cellular inflammatory gene expressions in cultured proximal renal tubular cells.

Associations among chronic kidney disease, high total p-cresylsulfate and major adverse cardiac events.

Genetically modified foods: safety, risks and public concerns-a review.

Modulation of aryl hydrocarbon receptor-regulated genes by acute administration of ammonium metavanadate in kidney, lung and heart of C57BL/6 mice.

Protective effects of protocatechuic acid on TCDD-induced oxidative and histopathological damage in the heart tissue of rats.

Lipid peroxidation triggers neurodegeneration: a redox proteomics view into the Alzheimer disease brain.

Mitochondria-targeted antioxidants and metabolic modulators as pharmacological interventions to slow ageing.

Vanadium toxicity in mice: possible impairment of lipid metabolism and mucosal epithelial cell necrosis in the small intestine.

Akt/Nrf2 activated upregulation of heme oxygenase-1 involves in the role of Rg1 against ferrous iron-induced neurotoxicity in SK-N-SH cells.

Evaluation of miR-122 and other biomarkers in distinct acute liver injury in rats.

Sodium arsenite induced reactive oxygen species generation, nuclear factor (erythroid-2 related) factor 2 activation, heme oxygenase-1 expression, and glutathione elevation in Chang human hepatocytes.

Inhibition of hepatocyte nuclear factor 1 and 4 alpha (HNF1 α and HNF4 α) as a mechanism of arsenic carcinogenesis.

Linkages between the life-history evolution of tropical and temperate birds and the resistance of cultured skin fibroblasts to oxidative and non-oxidative chemical injury.

Biotransformation of BDE-47 to potentially toxic metabolites is predominantly mediated by human CYP2B6.

Induction of apoptotic death and retardation of neuronal differentiation of human neural stem cells by sodium arsenite treatment.

Correlation between TCDD acute toxicity and aryl hydrocarbon receptor structure for different mammals.

A category approach to predicting the repeated-dose hepatotoxicity of allyl esters.

Evaluation of biomonitoring data from the CDC National Exposure Report in a risk assessment context: perspectives across chemicals.

TCDD inhibits heart regeneration in adult zebrafish.

Oxysterols modulate calcium signalling in the A7r5 aortic smooth muscle cell-line.

Role of pigment epithelium-derived factor (PEDF) in arsenic-induced cell apoptosis of liver and brain in a rat model.

Role of the yeast multidrug transporter Qdr2 in cation homeostasis and the oxidative stress response.

Testosterone protects female embryonic heart H9c2 cells against severe metabolic stress by activating estrogen receptors and up-regulating IES SUR2B.

Pesticide use and fatal injury among farmers in the Agricultural Health Study.

Predicting fish acute toxicity using a fish gill cell line-based toxicity assay.

Imaging imidazoline-I2 binding sites in porcine brain using 11C-BU99008.

Response of rice genotype to straighthead disease as influenced by arsenic level and water management practices in soil.

Aldo-keto reductases mediate constitutive and inducible protection against aldehyde toxicity in human neuroblastoma SH-SY5Y cells.

The impact of foliar boron sprays on reproductive biology and seed quality of black gram.

Identifying the cause of sediment toxicity in agricultural sediments: the role of pyrethroids and nine seldom-measured hydrophobic pesticides.

Functional recovery of odor representations in regenerated sensory inputs to the olfactory bulb.

Visible light alters yeast metabolic rhythms by inhibiting respiration.

Toxicity of polyamines and their metabolic products.

Identification of stable cytotoxic factors in the gas phase extract of cigarette smoke and pharmacological characterization of their cytotoxicity.

Differential responsiveness of cortical microtubule orientation to suppression of cell expansion among the developmental zones of *Arabidopsis thaliana* root apex.

A microfluidic device for continuous sensing of systemic acute toxicants in drinking water.

Glyphosate, pathways to modern diseases II: Celiac sprue and gluten intolerance.

Dmp53, basket and drICE gene knockdown and polyphenol gallic acid increase life span and locomotor activity in a Drosophila Parkinson's disease model.

Paraquat poisoning by skin absorption: Two case reports and a literature review.

Neuroprotective effect of Decalepis hamiltonii in paraquat-induced neurotoxicity in Drosophila melanogaster: biochemical and behavioral evidences.

Dose-dependent folic acid and memantine treatments promote synergistic or additive protection against $A\beta^{(25-35)}$ peptide-induced apoptosis in SH-SY5Y cells mediated by mitochondria stress-associated death signals.

Structure-activity relationship of selected meta- and para-hydroxylated non-dioxin like polychlorinated biphenyls: from single RyR1 channels to muscle dysfunction.

Rodent models of Parkinson's disease: beyond the motor symptomatology.

Characterization of bladder sensory neurons in the context of myelination, receptors for pain modulators, and acute responses to bladder inflammation.

The history of pyridinium oximes as nerve gas antidotes: the British contribution.

2,4-Dinitrophenol induces neural differentiation of murine embryonic stem cells.

Differential influences of various arsenic compounds on antioxidant defense system in liver and kidney of rats.

The aryl receptor inhibitor epigallocatechin-3-gallate protects INS-1E beta-cell line against acute dioxin toxicity.

Military risk factors for cognitive decline, dementia and Alzheimer's disease.

What do veterans service organizations' web sites say about tobacco control?

Gastrointestinal stromal tumors: a case-only analysis of single nucleotide polymorphisms and somatic mutations.

A case of occupational asthma in a plastic injection process worker.

670 nm light mitigates oxygen-induced degeneration in C57BL/6J mouse retina.

Impact assessment of agricultural inputs into a Mediterranean coastal lagoon (Mar Menor, SE Spain) on transplanted clams (*Ruditapes decussatus*) by biochemical and physiological responses.

Knockout of the aryl hydrocarbon receptor results in distinct hepatic and renal phenotypes in rats and mice.

Paraquat poisoning: experience in hospital taiping (year 2008 - october 2011).

Paraquat Exposure Up-regulates Cyclooxygenase-2 in the Lungs, Liver and Kidneys in Rats.

Mixed matrix hollow fiber membranes for removal of protein-bound toxins from human plasma.

Toxicogenomic evaluation of long-term hepatic effects of TCDD in immature, ovariectomized C57BL/6 mice.

p-Cresyl sulfate induces osteoblast dysfunction through activating JNK and p38 MAPK pathways.

Role of HO-1 in the arsenite-induced neurotoxicity in primary cultured cortical neurons.

Toxicogenomics-based identification of mechanisms for direct immunotoxicity.

Do biopesticides affect the demographic traits of a parasitoid wasp and its biocontrol services through sublethal effects?

Resveratrol stimulates mitochondrial bioenergetics to protect retinal pigment epithelial cells from oxidative damage.

Gene expression and pathologic alterations in juvenile rainbow trout due to chronic dietary TCDD exposure.

Maternal and early life arsenite exposure impairs neurodevelopment and increases the expression of PSA-NCAM in hippocampus of rat offspring.

2,4-dichlorophenol induces apoptosis in primary hepatocytes of grass carp (*Ctenopharyngodon idella*) through mitochondrial pathway.

Serum arylhydrocarbon receptor transactivating activity is elevated in type 2 diabetic patients with diabetic nephropathy.

[Effects of hemoperfusion on the patients with acute toxication of 2, 4-dinitrophenol].

A new in vivo model of pantothenate kinase-associated neurodegeneration reveals a surprising role for transcriptional regulation in pathogenesis.

The position of imidazopyridine and metabolic activation are pivotal factors in the antimutagenic activity of novel imidazo[1,2-a]pyridine derivatives.

Interaction of aldehydes derived from lipid peroxidation and membrane proteins.

Hyperglycaemia and oxidative stress upregulate HSP60 & HSP70 expression in HeLa cells.

The mortality and cancer experience of New Zealand Vietnam war veterans: a cohort study.

Paraquat poisoning: A case report and review of literature.

Acute toxicity of some synthetic cyanogens in rats: time-dependent cyanide generation and cytochrome oxidase inhibition in soft tissues after sub-lethal oral intoxication.

Dioxin-induced acute cardiac mitochondrial oxidative damage and increased activity of ATP-sensitive potassium channels in Wistar rats.

Plant regeneration via somatic embryogenesis and shoot organogenesis from immature cotyledons of *Camellia nitidissima* Chi.

Perinatal exposure to purity-controlled polychlorinated biphenyl 52, 138, or 180 alters toxicogenomic profiles in peripheral blood of rats after 4 months.

Spectrum of corrosive esophageal injury after intentional paraquat or glyphosate-surfactant herbicide ingestion.

Emerging causes of iron deficiency anemia refractory to oral iron supplementation.

Influence of GSTT1 Genetic Polymorphisms on Arsenic Metabolism.

Histopathological changes in the liver of rabbits exposed to high nitrate ingestion in drinking water.

Expression and activity of the Na⁺-K⁺ ATPase in ischemic injury of primary cultured astrocytes.

Transplantation of induced pluripotent stem cells without C-Myc attenuates retinal ischemia and reperfusion injury in rats.

Cell to organ: physiological, immunotoxic and oxidative stress responses of *Lamellidens marginalis* to inorganic arsenite.

Arsenic induces VL30 retrotransposition: the involvement of oxidative stress and heat-shock protein 70.

NMDA receptors in the lateral hypothalamus have an inhibitory influence on the tachycardiac response to acute restraint stress in rats.

Relative effect potency estimates of dioxin-like activity for dioxins, furans, and dioxin-like PCBs in adults based on two thyroid outcomes.

Compartmentalized oxidative stress in dopaminergic cell death induced by pesticides and complex I inhibitors: distinct roles of superoxide anion and superoxide dismutases.

Tissue distribution of dioxin-like compounds: potential impacts on systemic relative potency estimates.

Skeletal muscle-specific T-tubule protein STAC3 mediates voltage-induced Ca²⁺ release and contractility.

Gas signatures from *Escherichia coli* and *Escherichia coli*-inoculated human whole blood.

Microbial-mammalian cometabolites dominate the age-associated urinary metabolic phenotype in Taiwanese and American populations.

Statistically enhanced spectral counting approach to TCDD cardiac toxicity in the adult zebrafish heart.

MRI brain in monohalomethane toxic encephalopathy: A case report.

Protective effect of *Juglans nigra* on sodium arsenite-induced toxicity in rats.

Effects of sodium arsenite on neurite outgrowth and glutamate AMPA receptor expression in mouse cortical neurons.

Validation of estimates of past exposure to arsenic in drinking water using historical urinary arsenic concentrations.

Oxidative DNA damage after acute exposure to arsenite and monomethylarsonous acid in biomethylation-deficient human cells.

Sepiapterin reductase mediates chemical redox cycling in lung epithelial cells.

Effects of Zinc Sulfate Supplementation in Treatment of Iron Deficiency Anemia.

Urinary Arsenic Concentrations and their Associated Factors in Korean Adults.

Physiological roles of mycothiol in detoxification and tolerance to multiple poisonous chemicals in *Corynebacterium glutamicum*.

PCDD/Fs and DL-PCBs intake from fish caught in Polish fishing grounds in the Baltic Sea--characterizing the risk for consumers.

Dietary carnosine prevents early atherosclerotic lesion formation in apolipoprotein E-null mice.

Alteration of cell membrane proteoglycans impairs FSH receptor/Gs coupling and ERK activation through PP2A-dependent mechanisms in immature rat Sertoli cells.

Consumption of deep-fried foods and risk of prostate cancer.

Switchable skin window induced by optical clearing method for dermal blood flow imaging.

High efficiency secondary somatic embryogenesis in *Hovenia dulcis* Thunb. through solid and liquid cultures.

The protective effects of the proteasome inhibitor bortezomib (velcade) on ischemia-reperfusion injury in the rat retina.

Two-photon microscopy and fluorescence lifetime imaging of retinal pigment epithelial cells under oxidative stress.

Paraquat - A deadly poison: Report of a case and review.

Targeting ALDH1A1 to treat pigmentary disorders.

Loss of Neil3, the major DNA glycosylase activity for removal of hydantoins in single stranded DNA, reduces cellular proliferation and sensitizes cells to genotoxic stress.

Quantitative structural insight into human variegate porphyria disease.

Increased polyamines alter chromatin and stabilize autoantigens in autoimmune diseases.

Critical role of aldehydes in cigarette smoke-induced acute airway inflammation.

Application of the electronic nose technique to differentiation between model mixtures with COPD markers.

Genetic damage in soybean workers exposed to pesticides: evaluation with the comet and buccal micronucleus cytome assays.

The mitochondrial unfolded protein response activator ATF5-1 protects cells from inhibition of the mevalonate pathway.

p-cresol induces disruption of cardiomyocyte adherens junctions.

The effect of inorganic arsenic on endothelium-dependent relaxation: role of NADPH oxidase and hydrogen peroxide.

Toxicological profile of chlorophenols and their derivatives in the environment: the public health perspective.

[The gender-specific effect of maternal exposure to dioxin on fetal steroidogenesis in the adrenal gland].

Asymmetrical behavioral response towards two boron toxicants depends on the ant species (Hymenoptera: Formicidae).

Activation of aryl hydrocarbon receptor prolongs survival of fully mismatched cardiac allografts.

Determination of urinary 6-mercaptopurine and three of its metabolites by HPLC-UV coupled with the iodine-azide reaction.

Early membrane events induced by salicylic acid in motor cells of the *Mimosa pudica* pulvinus.

The dioxin receptor controls β 1 integrin activation in fibroblasts through a Cbp-Csk-Src pathway.

High temperature injury and auxin biosynthesis in microsporogenesis.

High-performance metabolic profiling with dual chromatography-Fourier-transform mass spectrometry (DC-FTMS) for study of the exposome.

Quenching of tryptophan fluorescence in the presence of 2,4-DNP, 2,6-DNP, 2,4-DNA and DNOC and their mechanism of toxicity.

TGF β signaling induces expression of Gadd45b in retinal ganglion cells.

Control of Panama disease of banana by rotating and intercropping with Chinese chive (*Allium tuberosum* Rottler): role of plant volatiles.

Sodium arsenite exposure inhibits AKT and Stat3 activation, suppresses self-renewal and induces apoptotic death of embryonic stem cells.

A novel colorimetric biosensor for monitoring and detecting acute toxicity in water.

Metabolic profiling of the impact of oligofructose-enriched inulin in Crohn's disease patients: a double-blinded randomized controlled trial.

Histopathological changes induced by paraquat on some tissues of gourami fish (*Trichogaster trichopterus*).

Trends in paraquat poisoning in Japan - viewed from surveys on clinical cases.

Therapeutic effects of smecta or smectite powder on rats with paraquat toxication.

Cytotoxic effects of p-cresol in renal epithelial tubular cells.

Binding interaction between (-)-epigallocatechin gallate causes impaired spreading of cancer cells on fibrinogen.

Ameliorative Effects of Acacia Honey against Sodium Arsenite-Induced Oxidative Stress in Some Viscera of Male Wistar Albino Rats.

Acute toxicity of triazine pesticides to juvenile signal crayfish (*Pacifastacus leniusculus*).

Grappling the high altitude for safe edible bamboo shoots with rich nutritional attributes and escaping cyanogenic toxicity.

Correlation between Serum Levels of Protein-Bound Uremic Toxins in Hemodialysis Patients Measured by LC/MS/MS.

Human adipose tissue derived stem cells promote liver regeneration in a rat model of toxic injury.

In vitro effects of TCDD, PCB126 and PCB153 on estrogen receptors, caspases and metalloproteinase-2 mRNA expression in the chicken shell gland.

From the tumor-inducing principle to plant biotechnology and its importance for society.

Human cell toxicogenomic analysis linking reactive oxygen species to the toxicity of monohaloacetic acid drinking water disinfection byproducts.

Polyamines and their metabolites as diagnostic markers of human diseases.

Bisphenol a in chronic kidney disease.

Glutathione in multiple sclerosis.

Cancer incidence in pulmonary vasculitis.

A simple and powerful approach for isolation of Arabidopsis mutants with increased tolerance to H₂O₂-induced cell death.

Role of lipid peroxidation-derived $\hat{\pm}$, $\hat{2}$ -unsaturated aldehydes in vascular dysfunction.

Nrf2 protection against liver injury produced by various hepatotoxicants.

Regulation of NF- $\hat{9}$ B-induced inflammatory signaling by lipid peroxidation-derived aldehydes.

A Systematic Review of Carcinogenic Outcomes and Potential Mechanisms from Exposure to 2,4-D and MCPA in the Environment.

Metabolic signatures of extreme longevity in northern Italian centenarians reveal a complex remodeling of lipids, amino acids, and gut microbiota metabolism.

A novel murine model to deplete hepatic stellate cells uncovers their role in amplifying liver damage in mice.

pH-dependent aquatic criteria for 2,4-dichlorophenol, 2,4,6-trichlorophenol and pentachlorophenol.

Enhanced expression of cystine/glutamate transporter in the lung caused by the oxidative-stress-inducing agent paraquat.

Therapeutic potential of intravenous Xuebijing on transforming growth factor beta1 and procollagen type III peptide in patients with acute paraquat poisoning.

Arboreal insects associated with herbicide-stressed *Pinus resinosa* and *Pinus sylvestris* used as *Sirex noctilio* trap trees in New York.

Paraquat-induced pulmonary fibrosis starts at an early stage of inflammation in rats.

Diurnal variation in probability of death following self-poisoning in Sri Lanka--evidence for chronotoxicity in humans.

Screening acute cytotoxicity biomarkers using a microalga as test organism.

Proteomic analysis of changes in protein expression in serum from animals exposed to paraquat.

The oxidative damage and inflammation caused by pesticides are reverted by lipoic acid in rat brain.

Dysregulated expression of secretogranin III is involved in neurotoxin-induced dopaminergic neuron apoptosis.

In vitro attenuation of acrolein-induced toxicity by phloretin, a phenolic compound from apple.

Comparison of chemical-induced changes in proliferation and apoptosis in human and mouse neuroprogenitor cells.

The changes of calretinin immunoreactivity in paraquat-induced nephrotoxic rats.

Pesticide use, immunologic conditions, and risk of non-Hodgkin lymphoma in Canadian men in six provinces.

Acute toxicity of commonly used forestry herbicide mixtures to *Ceriodaphnia dubia* and *Pimephales promelas*.

Ecotoxicological effects of Mikado and Viper on algae and daphnids.

The role of D-GADD45 in oxidative, thermal and genotoxic stress resistance.

Acrolein cytotoxicity in hepatocytes involves endoplasmic reticulum stress, mitochondrial dysfunction and oxidative stress.

Cigarette smoke and its component acrolein augment IL-8/CXCL8 mRNA stability via p38 MAPK/MK2 signaling in human pulmonary cells.

Toxicity of atrazine and nonylphenol in juvenile rainbow trout (*Oncorhynchus mykiss*): effects on general health, disease susceptibility and gene expression.

Traumatic brain injury, paraquat exposure, and their relationship to Parkinson disease.

[Parkinson's disease due to laboral exposition to paraquat].

[Clinical studies of dynamic changes on the renal injury indicators of acute paraquat poisoning].

[Effects of human umbilical cord mesenchymal stem cells in the treatment of paraquat-induced lung injury].

A closer look at GE corn findings.

Genetic modification of the association of paraquat and Parkinson's disease.

Long term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize.

Neuroprotective effects of tert-butylhydroquinone on paraquat-induced dopaminergic cell degeneration in C57BL/6 mice and in PC12 cells.

Haematology and blood chemistry changes in mice treated with terbuthylazine and its formulation Radazin TZ-50.

Does glyphosate impact on Cu uptake by, and toxicity to, the earthworm *Eisenia fetida*?

Biochemical and histological evaluation of kidney damage after sub-acute exposure to 2,4-dichlorophenoxyacetic herbicide in rats: involvement of oxidative stress.

Chaperone heat shock protein 90 mobilization and hydralazine cytoprotection against acrolein-induced carbonyl stress.

Changes in lymphocyte subsets in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Atrazine promotes biochemical changes and DNA damage in a Neotropical fish species.

Recombinant adenovirus Ad-RUNrf2 reduces paraquat-induced A549 injury.

Comment on "Glyphosate impairs male offspring reproductive development by disrupting gonadotropin expression" by Romano et al. 2012.

Feasibility of the extended one-generation reproductive toxicity study (OECD 443).

Immunotoxicity induced by acute subtoxic doses of paraquat herbicide: implication of shifting cytokine gene expression toward T-helper (T(H))-17 phenotype.

Spermidine promotes stress resistance in *Drosophila melanogaster* through autophagy-dependent and -independent pathways.

Activation of transcription factor MEF2D by bis(3)-cognitin protects dopaminergic neurons and ameliorates Parkinsonian motor defects.

Phenolic antioxidant 2,6-di-tert-butyl-p-cresol (vitamin E synthetic analogue) does not inhibit 1,1'-dimethyl-4,4'-bipyridium dichloride (paraquat)-induced structural chromosomal damage in cultured leukocytes of the dark-spotted-frog *Pelophylax (Rana) nigromaculatus*.

Central nervous system damage due to acute paraquat poisoning: a neuroimaging study with 3.0 T MRI.

Innate immune response of silver catfish (*Rhamdia quelen*) exposed to atrazine.

Review of 2,4-dichlorophenoxyacetic acid (2,4-D) biomonitoring and epidemiology.

Nrf2 protects against diquat-induced liver and lung injury.

Overexpression of stanniocalcin-1 inhibits reactive oxygen species and renal ischemia/reperfusion injury in mice.

Paraquat induces lung alveolar epithelial cell apoptosis via Nrf-2-regulated mitochondrial dysfunction and ER stress.

Spectrum of toxic hepatitis following intentional paraquat ingestion: analysis of 187 cases.

Toxicity of trifluralin herbicide in a representative of the edaphic fauna: histopathology of the midgut of *Rhinocricus padbergi* (Diplopoda).

Combined exposure to Maneb and Paraquat alters transcriptional regulation of neurogenesis-related genes in mice models of Parkinson's disease.

Inhibition of aminoacylase 3 protects rat brain cortex neuronal cells from the toxicity of 4-hydroxy-2-nonenal mercapturate and 4-hydroxy-2-nonenal.

[Early continuous dialysis in acute glyphosate-surfactant poisoning].

[Influence factors for prognosis in patients with acute oral poisoning with paraquat].

[Experimental study on the therapeutic effect of C-phycoerythrin against pulmonary fibrosis induced by paraquat in rats].

[Optimal conditions of bone marrow mesenchymal stem cells on paraquat-induced acute lung injury in rats].

The time between paraquat ingestion and a negative dithionite urine test in an independent risk factor for death and organ failure in acute paraquat intoxication.

Effect of pirfenidone on pulmonary fibrosis due to paraquat poisoning in rats.

Antioxidant effects of selenium on lung injury in paraquat intoxicated rats.

Pathological and toxicological findings in glyphosate-surfactant herbicide fatality: a case report.

A survey of the protective effects of some commercially available antioxidant supplements in genetically and chemically induced models of oxidative stress in *Drosophila melanogaster*.

Acute exposure of a glyphosate-based herbicide affects the gills and liver of the Neotropical fish, *Piaractus mesopotamicus*.

Oxidative stress response in two representative bacteria exposed to atrazine.

Antioxidant effect of silymarin on paraquat-induced human lung adenocarcinoma A549 cell line.

Acute toxicity of herbicide formulations and chronic toxicity of technical-grade trifluralin to larval green frogs (*Lithobates clamitans*).

Resolution of abnormal fractional anisotropy of substantia nigra in organophosphate intoxication. C. Swinnen et al., *Acta Neurologica Belgica* (2011) 111:378.

A commercial formulation of glyphosate inhibits proliferation and differentiation to adipocytes and induces apoptosis in 3T3-L1 fibroblasts.

A step further toward glyphosate-induced epidermal cell death: involvement of mitochondrial and oxidative mechanisms.

Acute and chronic toxicity of Betanal(®)Expert and its active ingredients on nontarget aquatic organisms from different trophic levels.

Protective role of glutathione reductase in paraquat induced neurotoxicity.

5'-Aza-dC sensitizes paraquat toxic effects on PC12 cell.

HRMAS NMR as a tool to study metabolic responses in heart clam *Ruditapes decussatus* exposed to Roundup®.

Comparison of TRPA1-versus TRPV1-mediated cough in guinea pigs.

Drinking water obtained by nanofiltration from waters contaminated with glyphosate formulations: process evaluation by means of toxicity tests and studies on operating parameters.

Hepatic protein expression networks associated with masculinization in the female fathead minnow (*Pimephales promelas*).

Prior exposure to acrolein accelerates pulmonary inflammation in influenza A-infected mice.

[Effects of acetochlor on the photosynthetic and fluorescence characteristics and chloroplast structure of grape leaves].

Influence of 50-nm polystyrene particles in inducing cytotoxicity in mice co-injected with carbon tetrachloride, cisplatin, or paraquat.

[Therapeutic effects of epidermal growth factor (EGF) combined with plasma cryoprecipitate (CRYO) on the corneal injury induced by paraquat].

Prochelator BHAPI protects cells against paraquat-induced damage by ROS-triggered iron chelation.

Herbicide roundup intoxication: successful treatment with continuous renal replacement therapy.

Investigating the impact of chronic atrazine exposure on sexual development in zebrafish.

Impacts of low doses of pesticide mixtures on liver cell defence systems.

The protective effects of quercetin on the cytotoxicity of atrazine on rat Sertoli-germ cell co-culture.

Integration of epidemiology and animal neurotoxicity data for risk assessment.

The role of pentraxin-3 as a prognostic biomarker in paraquat poisoning.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.

Effects of glyphosate on the mineral content of glyphosate-resistant soybeans (*Glycine max*).

[Effects of acrolein on apoptosis of H9c2 cardiomyocytes with hypoxia/reoxygenation injury].

Nail injury and diquat exposure: forgotten but not gone.

In vitro cytotoxic effect of glyphosate mixture containing surfactants.

Acrolein effects in pulmonary cells: relevance to chronic obstructive pulmonary disease.

Kolaviron biflavonoids of *Garcinia kola* seeds protect atrazine-induced cytotoxicity in primary cultures of rat Leydig cells.

siRNA-mediated knock-down of NOX3: therapy for hearing loss?

Aquatic toxicity tests with substances that are poorly soluble in water and consequences for environmental risk assessment.

Acute contact toxicity test of insecticides (Cipermetrina 25, Lorsban 48E, Thionex 35) on honeybees in the southwestern zone of Uruguay.

Histopathological changes and antioxidant response in brain and kidney of common carp exposed to atrazine and chlorpyrifos.

Acute and chronic effects of atrazine and sodium dodecyl sulfate on the tropical freshwater cladoceran *Pseudosida ramosa*.

Interferon- γ plays a role in paraquat-induced neurodegeneration involving oxidative and proinflammatory pathways.

Efficacy of vitamin C against liver and kidney damage induced by paraquat toxicity.

[Expression of the 4-hydroxynonenal in lung tissue in rats with paraquat poisoned and the effect of ulinastatin].

[Effects of ulinastatin on myocardial injury induced by acute paraquat poisoning].

Responses of growth performance and tryptophan metabolism to oxidative stress induced by diquat in weaned pigs.

Methyl bromide exposure and cancer risk in the Agricultural Health Study.

Acute human glufosinate-containing herbicide poisoning.

BLTK1 murine Leydig cells: a novel steroidogenic model for evaluating the effects of reproductive and developmental toxicants.

Bark extract of *Bathysa cuspidata* attenuates extra-pulmonary acute lung injury induced by paraquat and reduces mortality in rats.

Hormones and endocrine-disrupting chemicals: low-dose effects and nonmonotonic dose responses.

Acute toxicity of butachlor and atrazine to freshwater green alga *Scenedesmus obliquus* and cladoceran *Daphnia carinata*.

Subchronic exposure to atrazine induces biochemical and histopathological changes in the gills of a Neotropical freshwater fish, *Prochilodus lineatus*.

Interactions between the root pathogen *Rhizoctonia solani* AG-8 and acetolactate-synthase-inhibiting herbicides in barley.

Paraquat application and respiratory health effects among South Korean farmers.

Contrasted effects of an oxidative challenge and α -melanocyte-stimulating hormone on cellular immune responsiveness: an experiment with red-legged partridges *Alectoris rufa*.

A tiered ecological risk assessment of three chlorophenols in Chinese surface waters.

Viral-toxin interactions and Parkinson's disease: poly I:C priming enhanced the neurodegenerative effects of paraquat.

Effects of RNA interference-induced Smad3 gene silencing on pulmonary fibrosis caused by paraquat in mice.

Successful treatment of patients with paraquat intoxication: three case reports and review of the literature.

Glyphosate induced cell death through apoptotic and autophagic mechanisms.

Effects of in vivo chronic exposure to pendimethalin/Prowl 400[®] on sanitary status and the immune system in rainbow trout (*Oncorhynchus mykiss*).

Sublethal effects of atrazine on embryo-larval development of *Rhinella arenarum* (Anura: Bufonidae).

Effect of chronic exposure to pendimethalin on the susceptibility of rainbow trout, *Oncorhynchus mykiss* L., to viral hemorrhagic septicemia virus (VHSV).

[Paraquat poisoning. Case report and overview].

Investigate the chronic neurotoxic effects of diquat.

Cytotoxic and DNA-damaging properties of glyphosate and Roundup in human-derived buccal epithelial cells.

Reactive oxygen species formation and cell death in catalase-deficient tobacco leaf discs exposed to paraquat.

Overexpression of TFAM, NRF-1 and myr-AKT protects the MPP(+)-induced mitochondrial dysfunctions in neuronal cells.

Resveratrol potentiates cytochrome P450 2 d22-mediated neuroprotection in maneb- and paraquat-induced parkinsonism in the mouse.

[The relationship between HIF-1 α expression and the early lung fibrosis in rats with acute paraquat poisoning].

[The effects of Nrf2 gene expression induced by RU486 at different doses on A549 cell damage induced by paraquat].

Surveying of pollen-mediated crop-to-crop gene flow from a wheat field trial as a biosafety measure.

Global impact of biotech crops: environmental effects, 1996-2010.

Superoxide dismutase activity of *Helicobacter pylori* per se from 158 clinical isolates and the characteristics.

Comparative effects of the herbicides chlortoluron and mesotrione on freshwater microalgae.

Animal models of Parkinson's disease.

Copper and the herbicide atrazine impair the stress response of the freshwater fish *Prochilodus lineatus*.

Role of secondary mediators in caffeine-mediated neuroprotection in maneb- and paraquat-induced Parkinson's disease phenotype in the mouse.

Early cytotoxic and genotoxic effects of atrazine on Wistar rat liver: a morphological, immunohistochemical, biochemical, and molecular study.

Relative toxicity of the components of the original formulation of Roundup to five North American anurans.

Glyphosate impairs male offspring reproductive development by disrupting gonadotropin expression.

Melatonin suppresses acrolein-induced IL-8 production in human pulmonary fibroblasts.

Extension of *Drosophila* lifespan by *Rosa damascena* associated with an increased sensitivity to heat.

Exposure to glyphosate- and/or Mn/Zn-ethylene-bis-dithiocarbamate-containing pesticides leads to degeneration of $\hat{1}^3$ -aminobutyric acid and dopamine neurons in *Caenorhabditis elegans*.

Minocycline prevents paraquat-induced cell death through attenuating endoplasmic reticulum stress and mitochondrial dysfunction.

[Presentation of a case of Paraquat poisoning].

[The experimental study of therapeutical effects of KANGFUXINYE on upper gastrointestinal injury induced by paraquat in rats].

[Experimental anticoagulant therapy of acute lung injury induced by paraquat].

Effects of short-term sodium chlorate exposure on pigs.

Astrocyte mediated protection of fetal cerebral cortical neurons from rotenone and paraquat.

Effect of chronic exposure to simazine on oxidative stress and antioxidant response in common carp (*Cyprinus carpio* L.).

A glyphosate-based herbicide induces necrosis and apoptosis in mature rat testicular cells in vitro, and testosterone decrease at lower levels.

Arsenic-induced straighthead: an impending threat to sustainable rice production in South and South-East Asia!

Acute and 28-day repeated dose toxicology studies in mice with aryloxyalkanoate dioxygenase (AAD-1) protein expressed in 2,4-D tolerant DAS-40278-9 maize.

Paraquat and Parkinson's disease: an overview of the epidemiology and a review of two recent studies.

Toxicity of pentachlorophenol to native aquatic species in the Yangtze River.

Oxidative stress induced by 2,4-phenoxyacetic acid in liver of female rats and their progeny: biochemical and histopathological studies.

Glutathione s-transferase omega 1 activity is sufficient to suppress neurodegeneration in a *Drosophila* model of Parkinson disease.

Involvement of NADPH oxidase and glutathione in zinc-induced dopaminergic neurodegeneration in rats: similarity with paraquat neurotoxicity.

Schedule for rating disabilities; AL amyloidosis (primary amyloidosis). Final rule.

Augmented glutathione synthesis decreases acrolein toxicity.

[Effects of hemoperfusion on oxidative stress, matrix metalloproteinases and their inhibitors in acute paraquat poisoning rabbits].

[Toxicity effects of Rac- and S-metolachlor on two algae].

Acute oral poisoning due to chloracetanilide herbicides.

Glyphosate-surfactant herbicide products containing glyphosate potassium salt can cause fatal hyperkalemia if ingested in massive amounts.

CHO cells expressing the human Pâ,...-ATPase ATP13A2 are more sensitive to the toxic effects of herbicide paraquat.

Blueberry extract prolongs lifespan of *Drosophila melanogaster*.

Enantioselective toxicity of metolachlor to *Scenedesmus obliquus* in the presence of cyclodextrins.

Reactive oxygen species are not involved in the onset of age-related memory impairment in *Drosophila*.

Hypercholesterolemia and oxidative stress inhibit endothelial cell healing after arterial injury.

Effects of long-term exposure to simazine in real concentrations on common carp (*Cyprinus carpio* L.).

Plasma dioxin levels and cause-specific mortality in an occupational cohort of workers exposed to chlorophenoxy herbicides, chlorophenols and contaminants.

Cognitive impairment and increased AÎ² levels induced by paraquat exposure are attenuated by enhanced removal of mitochondrial H(2)O(2).

Protective effect of methylprednisolone on paraquat-induced A549 cell cytotoxicity via induction of efflux transporter, P-glycoprotein expression.

Genotoxicity of diuron and glyphosate in oyster spermatozoa and embryos.

Phytotoxicity testing for herbicide regulation: shortcomings in relation to biodiversity and ecosystem services in agrarian systems.

Acute toxicity of Roundup and carbosulfan to the Thai fairy shrimp, *Branchinella thailandensis*.

Effect of chronic exposure to prometryne on oxidative stress and antioxidant response in early life stages of common carp (*Cyprinus carpio* L.).

Oxidative stress parameters in early developmental stages of common carp (*Cyprinus carpio* L.) after subchronic exposure to terbuthylazine and metribuzin.

The effects of subchronic exposure to terbuthylazine on zebrafish.

Effects of low-concentrations of simazine on early life stages of common carp (*Cyprinus carpio* L.).

Intrastriatal pre-treatment with L-NAME protects rats from diquat neurotoxicity.

Sequential organ failure assessment score can predict mortality in patients with paraquat intoxication.

Effects of subchronic exposure to atrazine on zebrafish (*Danio rerio*).

Risk and prognostic factors of inpatient mortality associated with unintentional insecticide and herbicide poisonings: a retrospective cohort study.

Disturbed relaxin signaling pathway and testicular dysfunction in mouse offspring upon maternal exposure to simazine.

The value of plasma paraquat concentration in predicting therapeutic effects of haemoperfusion in patients with acute paraquat poisoning.

Inhibition of TDP-43 accumulation by bis(thiosemicarbazonato)-copper complexes.

The effects of subchronic exposure to metribuzin on *Danio rerio*.

Isolation, structural elucidation, and neuroprotective effects of iridoids from *Valeriana jatamansi*.

Acrolein induces endoplasmic reticulum stress and causes airspace enlargement.

The effects of subchronic exposure to terbuthylazine on early developmental stages of common carp.

Concordant signaling pathways produced by pesticide exposure in mice correspond to pathways identified in human Parkinson's disease.

Lipid peroxidation in the freshwater shrimp *Caridina nilotica* as a biomarker of Roundup(®) herbicide pollution of freshwater systems in South Africa.

Genome-wide association analysis of oxidative stress resistance in *Drosophila melanogaster*.

Toxicity evaluation of glyphosate agrochemical components using Japanese medaka (*Oryzias latipes*) and DNA microarray gene expression analysis.

Developmental exposure to diuron causes splenotoxicity in male Sprague-Dawley rat pups.

Endoplasmic reticulum stress impairs insulin signaling through mitochondrial damage in SH-SY5Y cells.

Effect of chronic pesticide exposure in farm workers of a Mexico community.

Paraquat, but not maneb, induces synucleinopathy and tauopathy in striata of mice through inhibition of proteasomal and autophagic pathways.

Genetic dissection of strain dependent paraquat-induced neurodegeneration in the substantia nigra pars compacta.

[Parasitic wasps, a model for studying male subfertility].

Reduction of mitoferrin results in abnormal development and extended lifespan in *Caenorhabditis elegans*.

Arterial lactate as a predictor of mortality in emergency department patients with paraquat intoxication.

Consideration of reactivity to acute fish toxicity of α,β -unsaturated carbonyl ketones and aldehydes.

Acute renal failure following penoxsulam poisoning.

4-iodophenyl isothiocyanate: a neuroprotective compound.

A longer tracheal occlusion period results in increased lung growth in the nitrofen rat model.

Prevention of paraquat-induced apoptosis in human neuronal SH-SY5Y cells by lipocalin-type prostaglandin D synthase.

Effect of bark extract of *Bathysa cuspidata* on hepatic oxidative damage and blood glucose kinetics in rats exposed to paraquat.

Chronic herbicide exposures affect the sensitivity and community structure of tropical benthic microalgae.

Glyphosate as an acetylcholinesterase inhibitor in *Cnesterodon decemmaculatus*.

Standardized extracts of *Bacopa monniera* protect against MPP⁺- and paraquat-induced toxicity by modulating mitochondrial activities, proteasomal functions, and redox pathways.

Effects of atrazine on the gill cells and ionic balance in a neotropical fish, *Prochilodus lineatus*.

Hypolipidemic and antioxidant activities of virgin olive oil and its fractions in 2,4-dichlorophenoxyacetic acid-treated rats.

The tobacco smoke component, acrolein, suppresses innate macrophage responses by direct alkylation of c-Jun N-terminal kinase.

Exposure to a commercial glyphosate formulation (Roundup®) alters normal gill and liver histology and affects male sexual activity of *Jenynsia multidentata* (Anablepidae, Cyprinodontiformes).

Proteomic analysis of hepatic tissue in adult female zebrafish (*Danio rerio*) exposed to atrazine.

Tissue biochemical alterations of *Cyprinus carpio* exposed to commercial herbicide containing clomazone under rice-field conditions.

Whiskey congeners suppress LPS/IFN γ -induced NO production in murine macrophage RAW 264 cells by inducing heme oxygenase-1 expression.

Black rice extract extends the lifespan of fruit flies.

[Effect of subchronic realgar exposure on Glu and Gln in infant rat brain].

Elevated neutrophil elastase and acrolein-protein adducts are associated with W256 regression.

A possible role of acrolein in diabetic retinopathy: involvement of a VEGF/TGF β ² signaling pathway of the retinal pigment epithelium in hyperglycemia.

Agricultural effects on amphibian parasitism: importance of general habitat perturbations and parasite life cycles.

Acquiring transgenic tobacco plants with insect resistance and glyphosate tolerance by fusion gene transformation.

Whole genome expression profile in neuroblastoma cells exposed to 1-methyl-4-phenylpyridine.

Transient receptor potential channels mediate the tussive response to prostaglandin E2 and bradykinin.

Δ^9 -tetrahydrocannabinol (Δ^9 -THC) exerts a direct neuroprotective effect in a human cell culture model of Parkinson's disease.

Proton pumping ATPase mediated fungicidal activity of two essential oil components.

Methylation capacity of arsenic and skin lesions in smelter plant workers.

The comparison of Δ^9 -bromo-4-chlorocinnamaldehyde and cinnamaldehyde on coxsackie virus B3-induced myocarditis and their mechanisms.

Aminotriazole attenuated carbon tetrachloride-induced oxidative liver injury in mice.

GhWRKY15, a member of the WRKY transcription factor family identified from cotton (*Gossypium hirsutum* L.), is involved in disease resistance and plant development.

GC-MS analysis and screening of antidiabetic, antioxidant and hypolipidemic potential of Cinnamomum tamala oil in streptozotocin induced diabetes mellitus in rats.

[Effect of acrolein exposure on the percentage of CD4⁺CD25⁺ regulatory T cells and expression of transcription factor Foxp3 in asthmatic rats].

Potential use of nitrate reductase as a biomarker for the identification of active and dormant inhibitors of *Mycobacterium tuberculosis* in a THP1 infection model.

Attenuation of mouse somatic and emotional inflammatory pain by hydralazine through scavenging acrolein and inhibiting neuronal activation.

Resveratrol inhibits paraquat-induced oxidative stress and fibrogenic response by activating the nuclear factor erythroid 2-related factor 2 pathway.

TRPA1 is functionally expressed in melanoma cells but is not critical for impaired proliferation caused by allyl isothiocyanate or cinnamaldehyde.

Neurotoxin-based models of Parkinson's disease.

Protein carbonylation in a murine model for early alcoholic liver disease.

Targeting acetyl-CoA carboxylases: small molecular inhibitors and their therapeutic potential.

Effect of xylanase and a blend of essential oils on performance and Salmonella colonization of broiler chickens challenged with Salmonella Heidelberg.

Redox modification of Akt mediated by the dopaminergic neurotoxin MPTP, in mouse midbrain, leads to down-regulation of pAkt.

Anticandidal activity of curcumin and methyl cinnamaldehyde.

Expression of beet yellows virus coat protein cDNA to create transgenic resistance in plants.

Quantification of paraquat in postmortem samples by gas chromatography-ion trap mass spectrometry and review of the literature.

mIGF-1/JNK1/SirT1 signaling confers protection against oxidative stress in the heart.

2-methoxycinnamaldehyde from Cinnamomum cassia reduces rat myocardial ischemia and reperfusion injury in vivo due to HO-1 induction.

Increased protein-conjugated acrolein and amyloid- β 40/42 ratio in plasma of patients with mild cognitive impairment and Alzheimer's disease.

Acute intoxication with the adjuvant itself for Gramoxone INTEON.

5-Azacytidine combined with 2,4-D improves somatic embryogenesis of *Acca sellowiana* (O. Berg) Burret by means of changes in global DNA methylation levels.

Endogenous hydrogen peroxide in the hypothalamic paraventricular nucleus regulates sympathetic nerve activity responses to L-glutamate.

Glyphosate effects on plant mineral nutrition, crop rhizosphere microbiota, and plant disease in glyphosate-resistant crops.

Oxidative stress provokes distinct transcriptional responses in the stress-tolerant *atr7* and stress-sensitive *loh2* *Arabidopsis thaliana* mutants as revealed by multi-parallel quantitative real-time PCR analysis of ROS marker and antioxidant genes.

Electrophilic aldehydes generated by sperm metabolism activate mitochondrial reactive oxygen species generation and apoptosis by targeting succinate dehydrogenase.

Role of oxidative stress in persister tolerance.

Temperature-dependent effect of sublethal levels of cinnamaldehyde on viability and morphology of *Escherichia coli*.

Alterations in bioenergetic function induced by Parkinson's disease mimetic compounds: lack of correlation with superoxide generation.

Reactive carbonyl compounds (RCCs) cause aggregation and dysfunction of fibrinogen.

Differential effects of Bcl-2 and caspases on mitochondrial permeabilization during endogenous or exogenous reactive oxygen species-induced cell death: a comparative study of H₂O₂, paraquat, t-BHP, etoposide and TNF- α -induced cell death.

Quantitative analysis of acrolein-specific adducts generated during lipid peroxidation-modification of proteins in vitro: identification of N(ε)-(3-propanal)histidine as the major adduct.

Cystic fibrosis transmembrane conductance regulator modulation by the tobacco smoke toxin acrolein.

Endogenous acetaldehyde toxicity during antral follicular development in the mouse ovary.

Molecular effects of activated BV-2 microglia by mitochondrial toxin 1-methyl-4-phenylpyridinium.

Impairment of cellulose- and cellobiose-degrading soil Bacteria by two acidic herbicides.

Thioredoxin reductase deficiency potentiates oxidative stress, mitochondrial dysfunction and cell death in dopaminergic cells.

Induction of tumor cell death through targeting tubulin and evoking dysregulation of cell cycle regulatory proteins by multifunctional cinnamaldehydes.

TRPA1 is functionally expressed primarily by IB4-binding, non-peptidergic mouse and rat sensory neurons.

Increased expression of SVCT2 in a new mouse model raises ascorbic acid in tissues and protects against paraquat-induced oxidative damage in lung.

Cellular toxicity of surfactants used as herbicide additives.

Modulation of the metabolism of airborne pollutants by glucoraphanin-rich and sulforaphane-rich broccoli sprout beverages in Qidong, China.

Limited uptake, translocation and enhanced metabolic degradation contribute to glyphosate tolerance in *Mucuna pruriens* var. *utilis* plants.

Impairment of carbon metabolism induced by the herbicide glyphosate.

The cyclophosphamide metabolite, acrolein, induces cytoskeletal changes and oxidative stress in Sertoli cells.

Effects of a wheat bran extract containing arabinoxylan oligosaccharides on gastrointestinal health parameters in healthy adult human volunteers: a double-blind, randomised, placebo-controlled, cross-over trial.

Arsenic urinary speciation in Mthfr deficient mice injected with sodium arsenate.

Glutaredoxin 1 protects dopaminergic cells by increased protein glutathionylation in experimental Parkinson's disease.

Mitochondrial function is involved in regulation of cholesterol efflux to apolipoprotein (apo)A-I from murine RAW 264.7 macrophages.

Combined iron and zinc supplementation improves haematologic status of pregnant women in Upper West Region of Ghana.

Fortifying baladi bread in Egypt: reaching more than 50 million people through the subsidy program.

Differentially expressed genes and pathways induced by organophosphates in human neuroblastoma cells.

Environmental toxicants as extrinsic epigenetic factors for parkinsonism: studies employing transgenic *C. elegans* model.

Influence of serum in hemodialysis patients on the expression of intestinal and hepatic transporters for the excretion of pravastatin.

Pesticide exposure in children.

Silibinin ameliorates arsenic induced nephrotoxicity by abrogation of oxidative stress, inflammation and apoptosis in rats.

Toxicity of untreated and ozone-treated oil sands process-affected water (OSPW) to early life stages of the fathead minnow (*Pimephales promelas*).

High-resolution genome-wide mapping of AHR and ARNT binding sites by ChIP-Seq.

Autophagy is a cell self-protective mechanism against arsenic-induced cell transformation.

Effect of iron supplementation on development of iron deficiency anemia in breastfed infants.

Animal models used to examine the role of the environment in the development of autoimmune disease: findings from an NIEHS Expert Panel Workshop.

Factors affecting outcomes of pilocarpine treatment in a mouse model of temporal lobe epilepsy.

The epidemiology of chemical eye exposures reported to the Victorian Poisons Information Centre.

Activation of the aryl hydrocarbon receptor reduces the number of precursor and effector T cells, but preserves thymic CD4+CD25+Foxp3+ regulatory T cells.

Repeated dose toxicity and relative potency of 1,2,3,4,6,7-hexachloronaphthalene (PCN 66) 1,2,3,5,6,7-hexachloronaphthalene (PCN 67) compared to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) for induction of CYP1A1, CYP1A2 and thymic atrophy in female Harlan Sprague-Dawley rats.

Liberation of copper from amyloid plaques: making a risk factor useful for Alzheimer's disease treatment.

Metabolomics identifies an inflammatory cascade involved in dioxin- and diet-induced steatohepatitis.

Polychlorinated biphenyls in prospectively collected serum and Parkinson's disease risk.

Reduction of Na⁺, K⁺-ATPase activity and expression in cerebral cortex of glutaryl-CoA dehydrogenase deficient mice: a possible mechanism for brain injury in glutaric aciduria type I.

The role of protein-bound uremic toxins on peripheral artery disease and vascular access failure in patients on hemodialysis.

Decaying mouse volatiles perceived by *Calliphora vicina* Rob.-Desv.

A randomized controlled trial of oral heme iron polypeptide versus oral iron supplementation for the treatment of anaemia in peritoneal dialysis patients: HEMATOCRIT trial.

The epigenetic effects of a high prenatal folate intake in male mouse fetuses exposed in utero to arsenic.

Enhanced apoptosis in retinal pigment epithelium under inflammatory stimuli and oxidative stress.

Invited review: Efficacy, metabolism, and toxic responses to chlorate salts in food and laboratory animals.

Predictors of cure, amputation and follow-up dropout among patients with mycetoma seen at the Mycetoma Research Centre, University of Khartoum, Sudan.

Lack of an association human dioxin detoxification gene polymorphisms with endometriosis in Japanese women: results of a pilot study.

Environmental exposure to dioxin-like compounds and the mortality risk in the U.S. population.

Ameliorating effects of quercetin and chrysin on 2,3,7,8-tetrachlorodibenzo- p-dioxin-induced nephrotoxicity in rats.

Necrosis and apoptosis of renal tubular epithelial cells in rats exposed to 3-methyl-4-nitrophenol.

Mutagenicity and antimutagenicity of (-)-hinokinin a trypanosomicidal compound measured by Salmonella microsome and comet assays.

Telmisartan treatment attenuates arsenic-induced hepatotoxicity in mice.

NADPH oxidase 1 mediates α -synucleinopathy in Parkinson's disease.

Arsenite-induced autophagy is associated with proteotoxicity in human lymphoblastoid cells.

Background exposure to persistent organic pollutants predicts stroke in the elderly.

Engineering of blended nanoparticle platform for delivery of mitochondria-acting therapeutics.

Bath salt intoxication causing acute kidney injury requiring hemodialysis.

[Chronic central nervous system effects of pesticides: state-of-the-art].

Importance of riboflavin kinase in the pathogenesis of stroke.

Adverse alterations in mitochondrial function contribute to type 2 diabetes mellitus-related endothelial dysfunction in humans.

Quantification of p-cresol sulphate in human plasma by selected reaction monitoring.

Sodium arsenite-induced abnormalities in expressions of Caveolin-1, eNOS, IKK β , and COX-2 in SV-40 immortalized human uroepithelial cells and in urothelial carcinomas.

Changes in the synaptic structure of hippocampal neurons and impairment of spatial memory in a rat model caused by chronic arsenite exposure.

Prenatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin produces alterations in cortical neuron development and a long-term dysfunction of glutamate transmission in rat cerebral cortex.

Progesterone-dependent regulation of endometrial cannabinoid receptor type 1 (CB1-R) expression is disrupted in women with endometriosis and in isolated stromal cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Exposure to environmental toxins and the risk of sporadic motor neuron disease: an expanded Australian case-control study.

Pesticide exposure and Parkinson's disease: epidemiological evidence of association.

Switching iron-deficient whole blood donors to plateletpheresis.

Milk-based cornstarch porridge fortified with iron is effective in reducing anemia: a randomized, double-blind, placebo-controlled trial.

A weight-of-evidence review of colorectal cancer in pesticide applicators: the agricultural health study and other epidemiologic studies.

Eccrine porocarcinoma with carcinomatous lymphangitis in a patient with history of arsenic exposure: a case report.

Development of brucine-loaded microsphere/thermally responsive hydrogel combination system for intra-articular administration.

4-Chloropropofol enhances chloride currents in human hyperekplexic and artificial mutated glycine receptors.

Suicidal sodium azide intoxication: An analytical challenge based on a rare case.

Mild uncoupling of respiration and phosphorylation as a mechanism providing nephro- and neuroprotective effects of penetrating cations of the SkQ family.

[Human biomonitoring and variation of haematic parameters in a population exposed to PCB and dioxin near a steel plant in the lower Susa Valley].

Mental health in Alberta grain farmers using pesticides over many years.

Expression and purification of coronavirus envelope proteins using a modified \hat{I}^2 -barrel construct.

Treatment of mild non-chemotherapy-induced iron deficiency anemia in cancer patients: comparison between oral ferrous bisglycinate chelate and ferrous sulfate.

Subchronic feeding study of stacked trait genetically-modified soybean (3 \hat{A} ~5423 \hat{A} — 40-3-2) in Sprague-Dawley rats.

Mortality study of chemical workers exposed to dioxins: follow-up 23 years after chemical plant closure.

Relationship between respiration deficiency and azole resistance in clinical *Candida glabrata*.

Cancer incidence in a chlorochemical plant in Is \hat{A} ''re, France: an occupational cohort study, 1979-2002.

Dimethyl disulfide is an induced systemic resistance elicitor produced by *Bacillus cereus* C1L.

Photoinactivation of cell-free human immunodeficiency virus by hematoporphyrin monomethyl ether.

Ameliorative effect of docosahexaenoic acid on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced histological changes, oxidative stress, and DNA damage in rat liver.

Effect of iron supplementation on fatigue in nonanemic menstruating women with low ferritin: a randomized controlled trial.

[Statement of the Polish Gynecological Society Expert Group on the use of ellen probiotic tampon].

EDTA-dependent pseudothrombocytopenia: further insights and recommendations for prevention of a clinically threatening artifact.

Serum from methimazole-treated patients induces activation of aryl hydrocarbon receptor, a transcription factor that binds to dioxin-response elements.

Glutamine suppresses dinitrophenol fluorobenzene-induced allergic contact dermatitis and itching: inhibition of contact dermatitis by glutamine.

Urinary total arsenic and 8-hydroxydeoxyguanosine are associated with renal cell carcinoma in an area without obvious arsenic exposure.

Mechanistic exploration of AhR-mediated host protection against *Streptococcus pneumoniae* infection.

Different biosynthetic pathways to fosfomycin in *Pseudomonas syringae* and *Streptomyces* species.

Optimization of a histopathological biomarker for sphingomyelin accumulation in acid sphingomyelinase deficiency.

A NUP98-HOXD13 leukemic fusion gene leads to impaired class switch recombination and antibody production.

Hepatic microRNA profiles offer predictive and mechanistic insights after exposure to genotoxic and epigenetic hepatocarcinogens.

FICZ, a tryptophan photoproduct, suppresses pulmonary eosinophilia and Th2-type cytokine production in a mouse model of ovalbumin-induced allergic asthma.

In vivo regulation of the heme oxygenase-1 gene in humanized transgenic mice.

Fetal exposure to propoxur and abnormal child neurodevelopment at 2 years of age.

Modulatory effect of L-glutamine on 2,3,7,8 tetrachlorodibenzo-p-dioxin-induced liver injury in rats.

Mitochondrial inhibition in rat retinal cell cultures as a model of metabolic compromise: mechanisms of injury and neuroprotection.

Long-lasting transcriptional refractoriness triggered by a single exposure to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyrimidine.

Yusho: 43 years later.

Increased protein carbonylation and decreased antioxidant status in anemic H. pylori infected patients: effect of treatment.

Oxidative stress fuels Trypanosoma cruzi infection in mice.

Prenatal retinoic acid improves lung vascularization and VEGF expression in CDH rat.

Preconditioning induces tolerance by suppressing glutamate release in neuron culture ischemia models.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces a proteomic pattern that defines cleft palate formation in mice.

Metabolite profiling of plasma and urine from rats with TNBS-induced acute colitis using UPLC-ESI-QTOF-MS-based metabolomics--a pilot study.

Interaction between two sulfate-conjugated uremic toxins, p-cresyl sulfate and indoxyl sulfate, during binding with human serum albumin.

Non-dioxin-like AhR ligands in a mouse peanut allergy model.

Arsenic methylation, GSTO1 polymorphisms, and metabolic syndrome in an arseniasis endemic area of southwestern Taiwan.

Iron replacement therapy in the routine management of blood donors.

Occupational cancer in Britain. Exposure assessment methodology.

Oxidative stress inhibits axonal transport: implications for neurodegenerative diseases.

Sodium arsenite down-regulates the expression of X-linked inhibitor of apoptosis protein via translational and post-translational mechanisms in hepatocellular carcinoma.

Control of Giardia infections with ronidazole and intensive hygiene management in a dog kennel.

Oral administration of ferrous sulfate, but not of iron polymaltose or sodium iron ethylenediaminetetraacetic acid (NaFeEDTA), results in a substantial increase of non-transferrin-bound iron in healthy iron-adequate men.

Mixture of ferric sodium ethylenediaminetetraacetate (NaFeEDTA) and ferrous sulfate: an effective iron fortificant for complementary foods for young Chinese children.

[Effects of A-solution on halitosis and oral status in preoperative NPO patients].

A review of the role of lymphoma markers and occupational and environmental exposures.

Pesticide exposure and amyotrophic lateral sclerosis.

Quantitative imaging of arsenic and its species in goat following long term oral exposure.

Combination of Rad001 (everolimus) and propachlor synergistically induces apoptosis through enhanced autophagy in prostate cancer cells.

New agents promote neuroprotection in Parkinson's disease models.

Antenatal imatinib treatment reduces pulmonary vascular remodeling in a rat model of congenital diaphragmatic hernia.

Circulating microRNA-122 as a potential biomarker for liver injury.

Evaluation of paclitaxel/carboplatin in a dose dense or weekly regimen in 66 patients with recurrent or primary metastatic cervical cancer.

The impact of ferritin fluctuations on stable hemoglobin levels in hemodialysis patients.

Gilbert syndrome redefined: a complex genetic haplotype influences the regulation of glucuronidation.

Iron requirements based upon iron absorption tests are poorly predicted by haematological indices in patients with inactive inflammatory bowel disease.

Micronutrient status in lactating mothers before and after introduction of fortified flour: cross-sectional surveys in Maela refugee camp.

Adipose tissue and bone marrow-derived stem cells react similarly in an ischaemia-like microenvironment.

Quercetin prevents 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced testicular damage in rats.

Aryl hydrocarbon receptor controls regulatory CD4⁺ T cell function.

Does hyperoxia selection cause adaptive alterations of mitochondrial electron transport chain activity leading to a reduction of superoxide production?

Alterations of peroxisome proliferator-activated receptor γ and monocyte chemoattractant protein 1 gene expression in the nitrofen-induced hypoplastic lung.

Aryl hydrocarbon receptor-mediated induction of EBV reactivation as a risk factor for Sjögren's syndrome.

Inorganic arsenic and basal cell carcinoma in areas of Hungary, Romania, and Slovakia: a case-control study.

Sodium arsenite \pm hyperthermia sensitizes p53-expressing human ovarian cancer cells to cisplatin by modulating platinum-DNA damage responses.

A novel aquaporin 3 in killifish (*Fundulus heteroclitus*) is not an arsenic channel.

Uremic solutes from colon microbes.

The aryl hydrocarbon receptor contributes to the proliferation of human medulloblastoma cells.

Treatment with endotracheal therapeutics after sarin microinstillation inhalation exposure increases blood cholinesterase levels in guinea pigs.

Suboptimal response to ferrous sulfate in iron-deficient patients taking omeprazole.

A randomized controlled trial of intravenous or oral iron for posttransplant anemia in kidney transplantation.

Environment and T regulatory cells in allergy.

A novel method for the rapid determination of beta-amyloid toxicity on acute hippocampal slices using MTT and LDH assays.

[Plummer-Vinson syndrome: report of a case and review of literature].

A phytochemical approach to experimental metabolic syndrome-associated renal damage and oxidative stress.

Concomitant induction of heme oxygenase-1 attenuates the cytotoxicity of arsenic species from lumbricus extract in human liver HepG2 cells.

Serum total p-cresol and indoxyl sulfate correlated with stage of chronic kidney disease in renal transplant recipients.

Cross-regulations among NRFs and KEAP1 and effects of their silencing on arsenic-induced antioxidant response and cytotoxicity in human keratinocytes.

2,3,7,8-tetrachlorodibenzo-p-dioxin induces transcriptional activity of the human polymorphic hs1,2 enhancer of the 3'Igh regulatory region.

Evaluation of oral iron treatment in pediatric restless legs syndrome (RLS).

Aryl hydrocarbon receptor (AhR) regulates silica-induced inflammation but not fibrosis.

Inflammatory pathway genes belong to major targets of persistent organic pollutants in adipose cells.

Suppression of Klotho expression by protein-bound uremic toxins is associated with increased DNA methyltransferase expression and DNA hypermethylation.

Selectively increasing the clearance of protein-bound uremic solutes.

Isolation and identification of C-19 fatty acids with anti-tumor activity from the spores of Ganoderma lucidum (reishi mushroom).

Chronic low-level arsenite exposure through drinking water increases blood pressure and promotes concentric left ventricular hypertrophy in female mice.

A unique library of myogenic cells from facioscapulohumeral muscular dystrophy subjects and unaffected relatives: family, disease and cell function.

A metabonomic study of biochemical changes characteristic of genetically hypertensive rats based on (1)H NMR spectroscopic urinalysis.

Narrow-band UVB irradiation stimulates the migration and functional development of vitiligo-IgG antibodies-treated pigment cells.

Neuroprotection of kaempferol by autophagy in models of rotenone-mediated acute toxicity: possible implications for Parkinson's disease.

Local fetal lung renin-angiotensin system as a target to treat congenital diaphragmatic hernia.

[The pharmacological treatment of obesity: past, present and future].

Induction of mitochondrial uncoupling enhances VEGF β , α , ϵ but reduces MCP-1 release in mature 3T3-L1 adipocytes: possible regulatory mechanism through endogenous ER stress and AMPK-related pathways.

[Metabonomic study on protective effect of ethanol extracts of drynariae rhizoma on osteoporosis in rats urine by using UPLC-MS/MS].

A fatal case of mothball intoxication presenting with refractory pruritus and ichthyosis.

Is pesticide use related to Parkinson disease? Some clues to heterogeneity in study results.

Medication prescribing patterns among chronic kidney disease patients in a hospital in Malaysia.

Effects of a provincial ban of two toxic organophosphorus insecticides on pesticide poisoning hospital admissions.

Sarcoplasmic reticulum Ca²⁺ permeation explored from the lumen side in mdx muscle fibers under voltage control.

Effects of prenatal exposure to sodium arsenite on motor and food-motivated behaviors from birth to adulthood in C57BL6/J mice.

Thrombocytosis and venous thromboembolism in cancer patients with chemotherapy induced anemia may be related to ESA induced iron restricted erythropoiesis and reversed by administration of IV iron.

Absorption of iron from ferritin is independent of heme iron and ferrous salts in women and rat intestinal segments.

Subacute arsenic exposure through drinking water reduces the pharmacodynamic effects of ketoprofen in male rats.

Changes in fibrinopeptide A peptides in the sera of rats chronically exposed to low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Responses of *Lucilia sericata* Meigen (Diptera: Calliphoridae) to cadaveric volatile organic compounds.

Serum free p-cresyl sulfate levels predict cardiovascular and all-cause mortality in elderly hemodialysis patients--a prospective cohort study.

Prospects for malaria elimination in non-Amazonian regions of Latin America.

Efficacy and tolerability of a prolonged release ferrous sulphate formulation in iron deficiency anaemia: a non-inferiority controlled trial.

Impairment of mice spermatogenesis by sodium arsenite.

Hepatoprotective role and antioxidant capacity of selenium on arsenic-induced liver injury in rats.

Aldehyde dehydrogenases and cell proliferation.

The vimentin-tubulin binding site peptide (Vim-TBS.58-81) crosses the plasma membrane and enters the nuclei of human glioma cells.

Distinct urinary metabolic profile of human colorectal cancer.

Prenatal retinoic acid upregulates connexin 43 (Cx43) gene expression in pulmonary hypoplasia in the nitrofen-induced congenital diaphragmatic hernia rat model.

Melatonin as a neuroprotective agent in the rodent models of Parkinson's disease: is it all set to irrefutable clinical translation?

Iron depletion and repletion with ferrous sulfate or electrolytic iron modifies the composition and metabolic activity of the gut microbiota in rats.

Synergism between arsenite and proteasome inhibitor MG132 over cell death in myeloid leukaemic cells U937 and the induction of low levels of intracellular superoxide anion.

Polymorphisms of dioxin receptor complex components and detoxification-related genes jointly confer susceptibility to advanced-stage endometriosis in the taiwanese han population.

Nitrofen interferes with trophoblastic expression of retinol-binding protein and transthyretin during lung morphogenesis in the nitrofen-induced congenital diaphragmatic hernia model.

Upregulation of fibroblast growth factor receptor 2 and 3 in the late stages of fetal lung development in the nitrofen rat model.

Smad1 and WIF1 genes are downregulated during saccular stage of lung development in the nitrofen rat model.

ErbB1/2 tyrosine kinase inhibitor mediates oxidative stress-induced apoptosis in inflammatory breast cancer cells.

Prostate cancer and toxicity from critical use exemptions of methyl bromide: environmental protection helps protect against human health risks.

Clinical evaluation of iron treatment efficiency among non-anemic but iron-deficient female blood donors: a randomized controlled trial.

Glutathione-deficient mice are susceptible to TCDD-Induced hepatocellular toxicity but resistant to steatosis.

In vitro and in vivo characterization of AS2643361, a novel and highly potent inosine 5'-monophosphate dehydrogenase inhibitor.

Evidence of a suffocation alarm system within the periaqueductal gray matter of the rat.

Mitochondria as pharmacological targets: the discovery of novel anti-obesity mitochondrial uncouplers from Africa's medicinal plants.

Antioxidant and modulatory role of Chlorophytum borivilianum against arsenic induced testicular impairment.

Investigation of an excess of Salmonella enteritidis phage type 14b and MLVA type 4-7-3-13-10-2-2 in Luxembourg, Belgium and Germany during 2010.

[Comparative evaluation of efficacy and tolerance of iron polymaltose complex and ferrous sulphate for treatment of iron deficiency anemia in infants].

[Suicidal intoxication with sodium azide--a case report].

[Sodium azide poisoning--a rare reason of hospitalization in toxicological units--case report].

Uremia suppresses immune signal-induced CYP27B1 expression in human monocytes.

Dioxin (TCDD) induces epigenetic transgenerational inheritance of adult onset disease and sperm epimutations.

Stability of the transthyretin molecule as a key factor in the interaction with a-beta peptide--relevance in Alzheimer's disease.

Global DNA methylation not increased in chronic hemodialysis patients: a case-control study.

Prenatal exposure to TCDD triggers significant modulation of microRNA expression profile in the thymus that affects consequent gene expression.

Quantitative proteomic analyses of cerebrospinal fluid using iTRAQ in a primate model of iron deficiency anemia.

Free p-cresol sulfate is associated with survival and function of vascular access in chronic hemodialysis patients.

Oxidative stress-induced glomerular mineralocorticoid receptor activation limits the benefit of salt reduction in Dahl salt-sensitive rats.

A novel MYOC heterozygous mutation identified in a Chinese Uygur pedigree with primary open-angle glaucoma.

Gender differences in transcriptional signature of developing rat testes and ovaries following embryonic exposure to 2,3,7,8-TCDD.

Dioxin induces genomic instability in mouse embryonic fibroblasts.

Ferrous versus ferric oral iron formulations for the treatment of iron deficiency: a clinical overview.

Exogenous inflammatory acne due to combined application of cosmetic and facial rubbing.

Environmentally induced epigenetic transgenerational inheritance of ovarian disease.

ANG-1 TIE-2 and BMPR signalling defects are not seen in the nitrofen model of pulmonary hypertension and congenital diaphragmatic hernia.

Classic and new animal models of Parkinson's disease.

MiR-206 regulates neural cells proliferation and apoptosis via Otx2.

Uremic toxins induce kidney fibrosis by activating intrarenal renin-angiotensin-aldosterone system associated epithelial-to-mesenchymal transition.

Long-term consequences of iron-fortified flour consumption in nonanemic men.

Genome-wide association study identifies chromosome 10q24.32 variants associated with arsenic metabolism and toxicity phenotypes in Bangladesh.

Circulating levels of persistent organic pollutants (POPs) and carotid atherosclerosis in the elderly.

An update on protein-bound uremic retention solutes.

Animal models of Parkinson's disease.

an Obituary for GFR as the main marker for kidney function?

Relevance of protein fermentation to gut health.

The pulmonary mesenchymal tissue layer is defective in an in vitro recombinant model of nitrofen-induced lung hypoplasia.

Indigenous American ancestry is associated with arsenic methylation efficiency in an admixed population of northwest Mexico.

Aryl hydrocarbon receptor agonists induce microRNA-335 expression and inhibit lung metastasis of estrogen receptor negative breast cancer cells.

TCDD disrupts hypural skeletogenesis during medaka embryonic development.

Intranasal administration of neurotoxicants in animals: support for the olfactory vector hypothesis of Parkinson's disease.

The cutaneous lesions of dioxin exposure: lessons from the poisoning of Victor Yushchenko.

Maternal exposure to high levels of dioxins in relation to birth weight in women affected by Yusho disease.

Akt activation is responsible for enhanced migratory and invasive behavior of arsenic-transformed human bronchial epithelial cells.

Retinoic acid rescues deficient airway innervation and peristalsis of hypoplastic rat lung explants.

Influence of lactoferrin in preventing preterm delivery: a pilot study.

Hepatoprotective role of vitamin B(12) and folic acid in arsenic intoxicated rats.

Sodium chlorate reduces the presence of *Escherichia coli* in feces of lambs and ewes managed in shed-lambing systems.

Transgenic tetraploid *Isatis indigotica* expressing Bt Cry1Ac and *Pinellia ternata* agglutinin showed enhanced resistance to moths and aphids.

Effects of arsenic exposure during the pre- and postnatal development on the puberty of female offspring.

Bronchoscopic and histological changes over time following acute ferrous sulphate tablet aspiration.

Mechanism for the uncoupling of oxidative phosphorylation by juliprosopine on rat brain mitochondria.

Uremic toxin p-cresol induces disassembly of gap junctions of cardiomyocytes.

Chitinolytic assay of indigenous Trichoderma isolates collected from different geographical locations of Chhattisgarh in Central India.

Effects of carnosine on polyamine levels in red blood cells of patients with hypertonic discirculatory encephalopathy.

Preliminary morphological and biochemical changes in rat liver following postnatal exposure to sodium arsenite.

Molecular mechanism of acrylamide neurotoxicity: lessons learned from organic chemistry.

P-cresol, but not p-cresylsulphate, disrupts endothelial progenitor cell function in vitro.

Ameliorative effect of supplementation with L-glutamine on oxidative stress, DNA damage, cell viability and hepatotoxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat hepatocyte cultures.

4-Hydroxy-2-nonenal, a reactive product of lipid peroxidation, and neurodegenerative diseases: a toxic combination illuminated by redox proteomics studies.

Arsenic exposure through drinking water is associated with longer telomeres in peripheral blood.

Sustained NMDA receptor activation by spreading depolarizations can initiate excitotoxic injury in metabolically compromised neurons.

ALS-linked SOD1 in glial cells enhances γ -N-Methylamino L-Alanine (BMAA)-induced toxicity in Drosophila.

Exposures to endocrine-disrupting chemicals and age of menarche in adolescent girls in NHANES (2003-2008).

Environmentally persistent free radicals decrease cardiac function and increase pulmonary artery pressure.

Inhibition of cellular efflux pumps involved in multi xenobiotic resistance (MXR) in echinoid larvae as a possible mode of action for increased ecotoxicological risk of mixtures.

Incidence of jaw lesions and activity and gene expression of hepatic P4501A enzymes in mink (*Mustela vison*) exposed to dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin, 2,3,7,8-tetrachlorodibenzofuran, and 2,3,4,7,8-pentachlorodibenzofuran.

Oxidative stress modulates KLF6Full and its splice variants.

Simultaneous analysis of 28 urinary VOC metabolites using ultra high performance liquid chromatography coupled with electrospray ionization tandem mass spectrometry (UPLC-ESI/MSMS).

Urinary biomarkers of oxidative status.

Inorganic arsenic impairs proliferation and cytokine expression in human primary T lymphocytes.

The epidemiology of sarcoma.

Low dose and long term toxicity of sodium arsenite caused caspase dependent apoptosis based on morphology and biochemical character.

Small reactive carbonyl compounds as tissue lipid oxidation products; and the mechanisms of their formation thereby.

Aryl hydrocarbon receptor-dependence of dioxin's effects on constitutive mouse hepatic cytochromes P450 and growth hormone signaling components.

Stimulation and inhibition of bacterial growth by caffeine dependent on chloramphenicol and a phenolic uncoupler--a ternary toxicity study using microfluid segment technique.

Toxic effects of PCB126 and TCDD on shortnose sturgeon and Atlantic sturgeon.

VP2118 has major roles in *Vibrio parahaemolyticus* response to oxidative stress.

Consequences of TCDD treatment on intra-hepatic lymphocytes during liver regeneration.

Fully automated production of ¹¹C-doxepin for PET imaging histamine H1 receptor.

Bladder urotoxicity pathophysiology induced by the oxazaphosphorine alkylating agents and its chemoprevention.

Predicting adult fish acute lethality with the zebrafish embryo: relevance of test duration, endpoints, compound properties, and exposure concentration analysis.

Evaluation of biochemical, hematological and oxidative parameters in mice exposed to the herbicide glyphosate-Roundup®.

Antioxidant attenuation of atrazine induced histopathological changes in testicular tissue of goat in vitro.

Protective Effect of *Psidium guajava* in Arsenic-induced Oxidative Stress and Cytological Damage in Rats.

[Study of the mechanisms of cytotoxic effect of uranyl nitrate].

Environmental-genetic interactions in the pathogenesis of Parkinson's disease.

Impaired adaptability of in vivo mitochondrial energetics to acute oxidative insult in aged skeletal muscle.

Analysis of neuroglobin mRNA expression in rat brain due to arsenite-induced oxidative stress.

A PagP fusion protein system for the expression of intrinsically disordered proteins in *Escherichia coli*.

Evaluation of acute toxicity and teratogenic effects of disinfectants by *Daphnia magna* embryo assay.

Cloning, mutagenesis, and characterization of the microalga *Parietochloris incisa* acetohydroxyacid synthase, and its possible use as an endogenous selection marker.

A New Rice Disease, Black Sheath Spot, Caused by *Curvularia fallax* in China.

Effect of Glyphosate Application on Foliar Diseases in Glyphosate-Tolerant Alfalfa.

Plasma polymer coatings to aid retinal pigment epithelial growth for transplantation in the treatment of age related macular degeneration.

Creatine pretreatment protects cortical axons from energy depletion in vitro.

Arsenate toxicity and stress responses in the freshwater ciliate *Tetrahymena pyriformis*.

Role of chondroitin sulfate C in the action of anthrax toxin.

Unexpected gender difference in sensitivity to the acute toxicity of dioxin in mice.

Real-time characterization of cytotoxicity using single-cell impedance monitoring.

Induction of Apoptosis in the Rat Bone Marrow Mesenchymal Stem Cells Following Sodium Arsenite Treatment with the Dose Lesser than that Used for Treatment of Malignant Patient.

[Genetically modified plants and the problems of plant protection: progress and estimation of potential risks].

Factors associated with the decline in suicide by pesticide poisoning in Taiwan: a time trend analysis, 1987-2010.

Acute and subacute oral toxicity of polychlorinated diphenyl sulfides in mice: determining LD50 and assessing the status of hepatic oxidative stress.

Evaluation of dazomet as fumigant for the control of brown root rot disease.

Sodium azide poisoning at a restaurant - Dallas County, Texas, 2010.

Chlorination of ortho-position on Polychlorinated Biphenyls Increases Protein Kinase C Activity in Neuronal Cells.

Changes in proteolytic enzymes mRNAs and proteins relevant for meat quality during myogenesis and hypoxia of primary bovine satellite cells.

Quantification of steroids and endocrine disrupting chemicals in rat ovaries by LC-MS/MS for reproductive toxicology assessment.

Arsenic toxicity: a heart-breaking saga of a freshwater mollusc.

Protective effect of *Enicostema axillare* on mutagenicity of *Salmonella typhimurium* by increasing free radical scavenging abilities.

Propolis protects against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced toxicity in rat hepatocytes.

Elevated 4-hydroxyhexenal in Alzheimer's disease (AD) progression.

Dioxin silences gonadotropin expression in perinatal pups by inducing histone deacetylases: a new insight into the mechanism for the imprinting of sexual immaturity by dioxin.

Lymphoma cells with increased anti-oxidant defenses acquire chemoresistance.

Osmosensitive changes of carbohydrate metabolism in response to cellulose biosynthesis inhibition.

Oxidant-induced cell death and Nrf2-dependent antioxidative response are controlled by Fra-1/AP-1.

Acute toxicity of chlorobenzenes in tetrahymena: estimated by microcalorimetry and mechanism.

Oxidative damage in human gingival fibroblasts exposed to cigarette smoke.

Effects of oxidative stress caused by tert-butylhydroquinone on cytotoxicity in MDCK cells.

Protocatechuic acid prevents reproductive damage caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in male rats.

Effects of peroxisomal catalase inhibition on mitochondrial function.

Insight into the neuroproteomics effects of the food-contaminant non-dioxin like polychlorinated biphenyls.

[6]-Gingerol isolated from ginger attenuates sodium arsenite induced oxidative stress and plays a corrective role in improving insulin signaling in mice.

Suppressive effects of Schizandra chinensis Baillon water extract on allergy-related cytokine generation and degranulation in IgE-antigen complex-stimulated RBL-2H3 cells.

Clinical outcome of veterans with acute coronary syndrome who had been exposed to agent orange.

Arsenite promotes apoptosis and dysfunction in microvascular endothelial cells via an alteration of intracellular calcium homeostasis.

Protective effect of curcumin against arsenic-induced apoptosis in murine splenocytes in vitro.

Nrf2-dependent induction of proteasome and Pa28 β regulator are required for adaptation to oxidative stress.

First Report of Blight Caused by *Sclerotium rolfsii* on the Invasive Exotic Weed, *Vincetoxicum rossicum* (Pale Swallow-Wort), in Western New York.

Membrane Changes Associated with Exposure of *Pseudomonas putida* to Selected Environmental Pollutants and their Possible Roles in Toxicity.

Response of urinary biomarkers of systemic oxidation to oral iron supplementation in healthy men.

Acute inhalation study of allyl alcohol for derivation of acute exposure guideline levels.

Multi-residue analysis of free and conjugated hormones and endocrine disruptors in rat testis by QuEChERS-based extraction and LC-MS/MS.

Alteration of mitochondrial efficiency affects oxidative balance, development and growth in frog (*Rana temporaria*) tadpoles.

Carotenoid deficiency triggers autophagy in the model green alga *Chlamydomonas reinhardtii*.

Changes in expression of drug-metabolizing enzymes by single-walled carbon nanotubes in human respiratory tract cells.

Site-specific oxidation of apolipoprotein A-I impairs cholesterol export by ABCA1, a key cardioprotective function of HDL.

Effects of vitamin E on reproductive hormones and testis structure in chronic dioxin-treated mice.

Comparative Studies of the (Anti) Mutagenicity of *Baccharis dracunculifolia* and Artepillin C by the Bacterial Reverse Mutation Test.

Oxidative stress and autophagy: mediators of synapse growth?

Kynurenic acid: a metabolite with multiple actions and multiple targets in brain and periphery.

A method to estimate the chronic health impact of air pollutants in U.S. residences.

Mitochondria as a source and target of lipid peroxidation products in healthy and diseased heart.

Property-based design of a glucosylceramide synthase inhibitor that reduces glucosylceramide in the brain.

Small calibre biosynthetic bacterial cellulose blood vessels: 13-months patency in a sheep model.

A mouse model of accelerated liver aging caused by a defect in DNA repair.

Toxicity, dioxin-like activities, and endocrine effects of DDT metabolites--DDA, DDMU, DDMS, and DDCN.

Facile synthesis of oxo-/thioxopyrimidines and tetrazoles C-C linked to sugars as novel non-toxic antioxidant acetylcholinesterase inhibitors.

Reactive Secondary Sequence Oxidative Pathology Polymer Model and Antioxidant Tests.

Atrazine in sub-acute exposure results in sperm DNA disintegrity and nuclear immaturity in rats.

The relationship between platelet endothelial cell adhesion molecule-1 and paraquat-induced lung injury in rabbits.

Prospective experimental studies on the renal protective effect of ulinastatin after paraquat poisoning.

Edaravone attenuates paraquat-induced lung injury by inhibiting oxidative stress in human type II alveolar epithelial cells.

Two cases of paraquat poisoning from kota, rajasthan, India.

Antioxidant Potential of *Fagonia arabica* against the Chemical Ischemia-Induced in PC12 Cells.

Protective Effect of Silymarin against Acrolein-Induced Cardiotoxicity in Mice.

Takotsubo cardiomyopathy as a delayed complication with a herbicide containing glufosinate ammonium in a suicide attempt: a case report.

Modulation of protein fermentation does not affect fecal water toxicity: a randomized cross-over study in healthy subjects.

Tumor necrosis factor α stimulates expression and secretion of urokinase plasminogen activator in human dental pulp cells.

Neuropsychiatric manifestations of methyl iodide.

Angiogenesis inhibitor vasohibin-1 enhances stress resistance of endothelial cells via induction of SOD2 and SIRT1.

The Aryl Hydrocarbon Receptor Influences Transplant Outcomes in Response to Environmental Signals.

Restoration of dioxin-induced damage to fetal steroidogenesis and gonadotropin formation by maternal co-treatment with α -lipoic acid.

Transient receptor potential ankyrin 1 channel localized to non-neuronal airway cells promotes non-neurogenic inflammation.

The Protective Effect of Minocycline in a Paraquat-Induced Parkinson's Disease Model in Drosophila is Modified in Altered Genetic Backgrounds.

Bismuth protects against arsenite-induced inhibition of proteoglycan synthesis in cultured vascular endothelial cells.

4-Hydroxyhexenal (HHE) impairs glutamate transport in astrocyte cultures.

Lipid peroxidation in brain tissue following administration of low and high doses of arsenite and L-ascorbate in wistar strain rats.

[Endocrine disruptors are a novel direction of endocrinologic scientific investigation].

Photocatalytic degradation of 4-chlorophenol under P-modified TiO₂/UV system: kinetics, intermediates, phytotoxicity and acute toxicity.

PCB 126 and other dioxin-like PCBs specifically suppress hepatic PEPCCK expression via the aryl hydrocarbon receptor.

Cyanamide potentiates the ethanol-induced impairment of receptor-mediated endocytosis in a recombinant hepatic cell line expressing alcohol dehydrogenase activity.

Role of the Arylhydrocarbon Receptor (AhR) in the Pathology of Asthma and COPD.

Transgenerational actions of environmental compounds on reproductive disease and identification of epigenetic biomarkers of ancestral exposures.

The antioxidant N-acetylcysteine prevents the mitochondrial fragmentation induced by soluble amyloid- β peptide oligomers.

Functional analysis of colonic bacterial metabolism: relevant to health?

Eicosapentaenoic acid protects against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced hepatic toxicity in cultured rat hepatocytes.

Antioxidant and inhibitory effect of red ginger (*Zingiber officinale* var. *Rubra*) and white ginger (*Zingiber officinale* Roscoe) on Fe(2+) induced lipid peroxidation in rat brain in vitro.

Characterization of selected organo-nitrogen herbicides in South Florida canals: exposure and risk assessments.

Deficiency of multidrug and toxin extrusion 1 enhances renal accumulation of paraquat and deteriorates kidney injury in mice.

[Negative paraquatemia does not exclude paraquat fatal poisoning].

Resolution of abnormal fractional anisotropy of substantia nigra in organophosphate intoxication.

Surfactant volume is an essential element in human toxicity in acute glyphosate herbicide intoxication.

The enhancing effect of the antioxidant N-acetylcysteine on urinary bladder injury induced by dimethylarsinic acid.

Comparison of the acute toxicities of novel algicides, thiazolidinedione derivatives TD49 and TD53, to various marine organisms.

Differential effects of activating D1 and D2 receptors on electrophysiology of neostriatal neurons in a rat model of Parkinson's disease induced by paraquat and maneb.

Atrazine induces transcriptional changes in marker genes associated with steroidogenesis in primary cultures of rat Leydig cells.

Sex- and brain region-specific role of cytochrome c oxidase in 1-methyl-4-phenylpyridinium-mediated astrocyte vulnerability.

Differential regional expression patterns of α -synuclein, TNF- α , and IL-1 β ; and variable status of dopaminergic neurotoxicity in mouse brain after Paraquat treatment.

Removal of reactive oxygen species-induced 3'-blocked ends by XPF-ERCC1.

Prediction of prognosis in acute paraquat poisoning using severity scoring system in emergency department.

Systematic review of parkinsonian syndromes in short- and long-term survivors of paraquat poisoning.

[A fatal acute poisoning with glyphosate: importance of gastrointestinal toxicity].

Clinical outcome of acute intoxication due to ingestion of auxin-like herbicides.

A comparison of mixture toxicity assessment: examining the chronic toxicity of atrazine, permethrin and chlorothalonil in mixtures to *Ceriodaphnia cf. dubia*.

Chronic oral exposure to the aldehyde pollutant acrolein induces dilated cardiomyopathy.

Amphibians at risk? Susceptibility of terrestrial amphibian life stages to pesticides.

The antimicrobial activities of the cinnamaldehyde adducts with amino acids.

Alterations in jejunal morphology and serotonin-containing enteroendocrine cells in peripubertal male rats associated with subchronic atrazine exposure.

Epidemiologic studies of glyphosate and non-cancer health outcomes: a review.

Medical management of paraquat ingestion.

Acute exposure to glyphosate herbicide affects oxidative parameters in piava (*Leporinus obtusidens*).

Cigarette smoke targets glutaredoxin 1, increasing s-glutathionylation and epithelial cell death.

Comparison of the effects of two herbicides and an insecticide on tropical freshwater plankton in microcosms.

[Effects of hemoperfusion on plasma concentration and histopathological changes in paraquat poisoning rabbits].

Effects of chytrid fungus and a glyphosate-based herbicide on survival and growth of wood frogs (*Lithobates sylvaticus*).

[Paraquat (PQ) clearance through continuous plasma perfusion in PQ poisoning patients: a clinical study].

[Pulmonary platelet endothelial cell adhesion molecule-1 (PECAM-1) in rabbits after acute paraquat (PQ) poisoning].

[An evidence-based treatment design for paraquat (PQ) poisoning].

Prognostic significance of arterial blood gas analysis in the early evaluation of paraquat poisoning patients.

Protective effect of Ginkgo biloba L. leaf extract against glyphosate toxicity in Swiss albino mice.

Paraquat induces epigenetic changes by promoting histone acetylation in cell culture models of dopaminergic degeneration.

Cigarette smoke components induce matrix metalloproteinase-1 in aortic endothelial cells through inhibition of mTOR signaling.

Effect of Yerbimat herbicide on lipid peroxidation, catalase activity, and histological damage in gills and liver of the freshwater fish *Goodea atripinnis*.

Genotoxic effects of chlorpyrifos, cypermethrin, endosulfan and 2,4-D on human peripheral lymphocytes cultured from smokers and nonsmokers.

Protective effect of 4,4'-diaminodiphenylsulfone against paraquat-induced mouse lung injury.

Continuous hypoxia attenuates paraquat-induced cytotoxicity in the human A549 lung carcinoma cell line.

The effects of paraquat on regional brain neurotransmitter activity, hippocampal BDNF and behavioural function in female mice.

Hepatotoxicity of silica nanoparticles with a diameter of 100 nm.

Acrolein - a pulmonary hazard.

Toxicology and risk assessment of acrolein in food.

The protective effect of C-phycoyanin on paraquat-induced acute lung injury in rats.

Integrative metabolome and transcriptome profiling reveals discordant energetic stress between mouse strains with differential sensitivity to acrolein-induced acute lung injury.

Acrolein-mediated injury in nervous system trauma and diseases.

Acrolein-induced dyslipidemia and acute-phase response are independent of HMG-CoA reductase.

Protein modification by acrolein: relevance to pathological conditions and inhibition by aldehyde sequestering agents.

Necessity of OxyR for the hydrogen peroxide stress response and full virulence in *Ralstonia solanacearum*.

Kolaviron protects apoptotic cell death in PC12 cells exposed to atrazine.

Acrolein scavengers: reactivity, mechanism and impact on health.

Neuroprotective effect of Cu,Zn-superoxide dismutase fused to a TCTP-derived protein transduction domain.

Atrazine and cancer incidence among pesticide applicators in the agricultural health study (1994-2007).

Effects of a glyphosate-based herbicide on mate location in a wolf spider that inhabits agroecosystems.

The Air Force health study: an epidemiologic retrospective.

Acrolein, an environmental toxin, induces cardiomyocyte apoptosis via elevated intracellular calcium and free radicals.

Exposure to arsenic in drinking water is associated with increased prevalence of diabetes: a cross-sectional study in the Zimapán and Lagunera regions in Mexico.

In situ aquatic bioassessment of pesticides applied on rice fields using a microalga and daphnids.

[Urinary neutrophil gelatinase-associated lipocalin (uNGAL) and early diagnosis of paraquat poisoning patients with acute kidney injury].

Lysine acetylsalicylate ameliorates lung injury in rats acutely exposed to paraquat.

Effects on aquatic and human health due to large scale bioenergy crop expansion.

Atrazine exposure affects growth, body condition and liver health in *Xenopus laevis* tadpoles.

Resistance and recovery of river biofilms receiving short pulses of Triclosan and Diuron.

Effects of four rice paddy herbicides on algal cell viability and the relationship with population recovery.

Protective effects of chitosan oligosaccharide on paraquat-induced nephrotoxicity in rats.

Transcriptional profile of diuron-induced toxicity on the urinary bladder of male Wistar rats to inform mode of action.

Assessment of fetal brain uptake of paraquat in utero using in vivo PET/CT imaging.

Biochemical and toxicological evidence of neurological effects of pesticides: the example of Parkinson's disease.

The efficacy of high doses of vitamin C in patients with paraquat poisoning.

Stage-dependent toxicity of 2,4-dichlorophenoxyacetic on the embryonic development of a South American toad, *Rhinella arenarum*.

Mitochondria are the main target organelle for trivalent monomethylarsonous acid (MMA(III))-induced cytotoxicity.

[A case report of successful treatment of severe acute paraquat poisoning with pulmonary aspergillus infection].

[Clinical analysis of multiple organ dysfunction syndrome caused by acute paraquat poisoning].

Science versus policy in establishing equitable Agent Orange disability compensation policy.

Agent Orange exposure and attributed health effects in Vietnam veterans.

[Rationale for hygienic regulations for the use of a new mixed herbicide antidote].

"Hyperammonemia following glufosinate-containing herbicide poisoning: a potential marker of severe neurotoxicity" by Yan-Chido Mao et al., *Clin Toxicol (Phila)* 2011; 49:48-52.

In search of the causes of Parkinson's disease, seasons 1 to 4.

Acrolein inhalation prevents vascular endothelial growth factor-induced mobilization of Flk-1+/Sca-1+ cells in mice.

Mitochondrial aconitase knockdown attenuates paraquat-induced dopaminergic cell death via decreased cellular metabolism and release of iron and H₂O₂.

Parkinson's disease risk from ambient exposure to pesticides.

Waterborne exposure to clodinafop-propargyl disrupts the posterior and ventral development of zebrafish embryos.

Granulocyte macrophage-colony stimulating factor protects against substantia nigra dopaminergic cell loss in an environmental toxin model of Parkinson's disease.

Parkinsonism after chronic occupational exposure to glyphosate.

Use of GC-MS—GC/TOF-MS and LC/TOF-MS for metabolomic analysis of *Hyalella azteca* chronically exposed to atrazine and its primary metabolite, desethylatrazine.

Controlling the invasive diatom *Didymosphenia geminata*: an ecotoxicity assessment of four potential biocides.

An improved approach for extraction and high-performance liquid chromatography analysis of paraquat in human plasma.

Structure and epitope distribution of heparan sulfate is disrupted in experimental lung hypoplasia: a glycobiological epigenetic cause for malformation?

Rotenone and paraquat linked to Parkinson's disease: human exposure study supports years of animal studies.

Detection of paraquat in oral fluid, plasma, and urine by capillary electrophoresis for diagnosis of acute poisoning.

Enantioselectivity tuning of chiral herbicide dichlorprop by copper: roles of reactive oxygen species.

Differential stimulation pathways of progesterone secretion from newly formed corpora lutea in rats treated with ethylene glycol monomethyl ether, sulphiride, or atrazine.

Maneb and paraquat-mediated neurotoxicity: involvement of peroxiredoxin/thioredoxin system.

Exposure to Mn/Zn ethylene-bis-dithiocarbamate and glyphosate pesticides leads to neurodegeneration in *Caenorhabditis elegans*.

Biflavanone-kolaviron protects human dopaminergic SH-SY5Y cells against atrazine induced toxic insult.

Improved survival in severe paraquat poisoning with repeated pulse therapy of cyclophosphamide and steroids.

Rotenone, paraquat, and Parkinson's disease.

Serum uric acid level as a marker for mortality and acute kidney injury in patients with acute paraquat intoxication.

Role of growth factors in acute lung injury induced by paraquat in a rat model.

Further antinociceptive effects of myricitrin in chemical models of overt nociception in mice.

Histopathological changes in gill, liver and kidney of neotropical fish *Colossoma macropomum* exposed to paraquat at different temperatures.

Diuron exposure induces systemic and organ-specific toxicity following acute and sub-chronic exposure in male Wistar rats.

Environmental factors in the etiology of esophageal atresia.

Risk of aplastic anemia and pesticide and other chemical exposures.

Effects of atrazine, agricultural runoff, and selected effluents on antimicrobial activity of skin peptides in *Xenopus laevis*.

Acute toxicities of five commonly used antifouling booster biocides to selected subtropical and cosmopolitan marine species.

Impact of chronic and acute pesticide exposures on periphyton communities.

Genetic-based, differential susceptibility to paraquat neurotoxicity in mice.

Acrolein induces myelin damage in mammalian spinal cord.

Survival and precopulatory guarding behavior of *Hyalella azteca* (Amphipoda) exposed to nitrate in the presence of atrazine.

Adverse effects of 2,4-dichlorophenoxyacetic acid on rat cerebellar granule cell cultures were attenuated by amphetamine.

DJ-1 mediates paraquat-induced dopaminergic neuronal cell death.

Modulation of steroidogenic gene expression and hormone synthesis in H295R cells exposed to PCP and TCP.

Changes in the concentrations of creatinine, cystatin C and NGAL in patients with acute paraquat self-poisoning.

Protection by tetrahydroxystilbene glucoside against neurotoxicity induced by MPP+: the involvement of PI3K/Akt pathway activation.

[Effect of ulinastatin on the expression of heat shock protein 70 and NF-kappaB in lung tissue in rats with paraquat poisoned].

[Studying the therapeutic effects of hemoperfusion with continuous venovenous hemofiltration on the patients with acute paraquat poisoning].

Should atrazine and related chlorotriazines be considered carcinogenic for human health risk assessment?

Protection of bone marrow mesenchymal stem cells from acute lung injury induced by paraquat poisoning.

Tissue plasminogen activator and plasminogen activator inhibitor-1 levels in patients with acute paraquat intoxication.

Inhibition of myotube formation by paraquat in the myoblast cell line C2C12.

Mortality of US pentachlorophenol production workers through 2005.

A review of epidemiologic studies of triazine herbicides and cancer.

Evaluation of carcinogenic potential of diuron in a rat mammary two-stage carcinogenesis model.

Therapeutic hypothermia attenuates acute lung injury in paraquat intoxication in rats.

Physiological responses of glyphosate-resistant and glyphosate-sensitive soybean to aminomethylphosphonic acid, a metabolite of glyphosate.

Identification and dissection of the Nrf2 mediated oxidative stress pathway in human renal proximal tubule toxicity.

Toxicity of the insecticide terbufos, its oxidation metabolites, and the herbicide atrazine in binary mixtures to *Ceriodaphnia cf dubia*.

Toxicokinetics, including saturable protein binding, of 4-chloro-2-methyl phenoxyacetic acid (MCPA) in patients with acute poisoning.

Mutagenic and genotoxic assessment of atrazine-based herbicide to freshwater fish *Channa punctatus* (Bloch) using micronucleus test and single cell gel electrophoresis.

Ferulic acid attenuation of advanced glycation end products extends the lifespan of *Caenorhabditis elegans*.

[Clinical study of dynamic change of inflammatory factors in serum of acute paraquat rats].

[Study on the prognosis of patients with acute paraquat intoxication].

Inadvertent poisoning of seven teenagers with monosodium methanearsonate.

[Epidemiological study of glyphosate herbicide poisoning].

[Prolonged convulsion after intoxication of alachlor herbicide (Lasso): a case report].

Effect of pulse therapy with glucocorticoid and cyclophosphamide in lung fibrosis due to paraquat poisoning in rats.

Impacts of the herbicide butachlor on the larvae of a paddy field breeding frog (*Fejervarya limnocharis*) in subtropical Taiwan.

Liquid chromatographic-electrospray mass spectrometric determination of 1-methyl-4-phenylpyridine (MPP+) in discrete regions of murine brain.

Toxicological responses of *Cyprinus carpio* after exposure to a commercial herbicide containing imazethapyr and imazapic.

Protective effects of the aqueous extract of *Scutellaria baicalensis* against acrolein-induced oxidative stress in cultured human umbilical vein endothelial cells.

Melatonin or silymarin reduces maneb- and paraquat-induced Parkinson's disease phenotype in the mouse.

Chronic atrazine exposure causes disruption of the spontaneous locomotor activity and alters the striatal dopaminergic system of the male Sprague-Dawley rat.

Selenium provides protection to the liver but not the reproductive organs in an atrazine-model of experimental toxicity.

[The study of effects of pirfenidone on the pulmonary fibrosis induced by paraquat in mice].

Chronic progressive nephropathy in male F344 rats in 90-day toxicity studies: its occurrence and association with renal tubule tumors in subsequent 2-year bioassays.

Aseptic meningitis in association with glyphosate-surfactant herbicide poisoning.

Acrolein and neuro disorders.

Erythema multiforme major due to occupational exposure to the herbicides alachlor and butachlor.

Effects of nitric oxide on the primary bladder afferent activities of the rat with and without intravesical acrolein treatment.

Competitive stress can make the herbicide Roundup® more deadly to larval amphibians.

The effect of herbicide BASTA 15 on the development of mouse preimplantation embryos in vivo and in vitro.

Prostate cancer risk and exposure to pesticides in British Columbia farmers.

Acute toxicity tests with the tropical cladoceran *Pseudosida ramosa*: The importance of using native species as test organisms.

Redox mechanism of neurotoxicity by a serotonin-acrolein polymeric melanoid.

Normal prion protein in *Drosophila* enhances the toxicity of pathogenic polyglutamine proteins and alters susceptibility to oxidative and autophagy signaling modulators.

Early exposure to low doses of atrazine affects behavior in juvenile and adult CD1 mice.

Toxicity of S-metolachlor containing formulation and heavy metals to chicken embryos.

The effects of Click 500 SC (terbuthylazine) on common carp *Cyprinus carpio* under (sub)chronic conditions.

Effects of subchronic exposure to simazine on zebrafish (*Danio rerio*).

Early exposure to paraquat sensitizes dopaminergic neurons to subsequent silencing of PINK1 gene expression in mice.

Protective effect of ambroxol against paraquat-induced pulmonary fibrosis in rats.

Protective effect of the glial cell line-derived neurotrophic factor (GDNF) on human mesencephalic neuron-derived cells against neurotoxicity induced by paraquat.

Wld(S) reduces paraquat-induced cytotoxicity via SIRT1 in non-neuronal cells by attenuating the depletion of NAD.

[Expression of nuclear factor kappaB and tumor necrosis factor $\hat{\pm}$ in lung tissue of paraquat poisoned rats].

[Effects of co-exposure to paraquat and maneb on system of substantial nigra and striatum in rats].

Before the curtain falls: endocrine-active pesticides--a German contamination legacy.

(-)Schisandrin B ameliorates paraquat-induced oxidative stress by suppressing glutathione depletion and enhancing glutathione recovery in differentiated PC12 cells.

Evaluation of suppressive effects of paraquat on innate immunity in Balb/c mice.

Hyperammonemia following glufosinate-containing herbicide poisoning: a potential marker of severe neurotoxicity.

Formulation changes and time trends in outcome following paraquat ingestion in Sri Lanka.

[Regulation of dopaminergic neuronal death by endogenous dopamine and proteasome activity].

More data on the effect of haemoperfusion for acute poisoning is required.

Edaravone, a novel antidote against lung injury and pulmonary fibrosis induced by paraquat?

Toxicological effects of the aquatic herbicide, fluridone, on male water mites (Hydrachnidia: Arrenurus: Megaluracarus).

Metribuzin impairs the unicell-colony transformation in the green alga *Scenedesmus obliquus*.

ASK1 overexpression accelerates paraquat-induced autophagy via endoplasmic reticulum stress.

Altered hematological and immunological parameters in silver catfish (*Rhamdia quelen*) following short term exposure to sublethal concentration of glyphosate.

Hepatic response to oxidative injury in long-lived Ames dwarf mice.

Pathological and genotoxic effects of atrazine in male Japanese quail (*Coturnix japonica*).

Construction of river model biofilm for assessing pesticide effects.

Suicide victim of paraquat poisoning make suitable corneal donor.

Glycogen synthase kinase 3 β and its phosphorylated form (Y216) in the paraquat-induced model of parkinsonism.

Paraquat neurotoxicity is mediated by the dopamine transporter and organic cation transporter-3.

Overexpression of the pepper antimicrobial protein CaAMP1 gene regulates the oxidative stress- and disease-related proteome in *Arabidopsis*.

2-Methoxycinnamaldehyde inhibits tumor angiogenesis by suppressing Tie2 activation.

Protein conjugated with aldehydes derived from lipid peroxidation as an independent parameter of the carbonyl stress in the kidney damage.

Therapeutic potential of Nrf2 activators in streptozotocin-induced diabetic nephropathy.

TRPV1 and TRPA1 stimulation induces MUC5B secretion in the human nasal airway in vivo.

Cinnamaldehyde protects from the hypertension associated with diabetes.

Dopamine and paraquat enhance α -synuclein-induced alterations in membrane conductance.

Effects of paraquat and capsaicin on the expression of genes related to inflammatory, immune responses and cell death in immortalized human HaCat keratinocytes.

The cinnamon-oil ingredient trans-cinnamaldehyde fails to target *Campylobacter jejuni* strain KC 40 in the broiler chicken cecum despite marked in vitro activity.

Spice oil cinnamaldehyde exhibits potent anticandidal activity against fluconazole resistant clinical isolates.

Apolipoprotein D mediates autocrine protection of astrocytes and controls their reactivity level, contributing to the functional maintenance of paraquat-challenged dopaminergic systems.

Complement inhibition alleviates paraquat-induced acute lung injury.

Effects of dietary supplementation with phytonutrients on vaccine-stimulated immunity against infection with *Eimeria tenella*.

[Matricide in *Caenorhabditis elegans* as an example of programmed death of whole animal organism: role of mitochondrial oxidative stress].

A guide to neurotoxic animal models of Parkinson's disease.

Mass spectrometry-based quantification of myocardial protein adducts with acrolein in an in vivo model of oxidative stress.

Protein-conjugated acrolein as a biochemical marker of brain infarction.

Traumatic brain injury in adult rats causes progressive nigrostriatal dopaminergic cell loss and enhanced vulnerability to the pesticide paraquat.

Melatonin protects against oxidative stress in granular corneal dystrophy type 2 corneal fibroblasts by mechanisms that involve membrane melatonin receptors.

NO synthase-generated NO acts downstream of auxin in regulating Fe-deficiency-induced root branching that enhances Fe-deficiency tolerance in tomato plants.

[Mechanism of cinnamic aldehyde-inducing apoptosis of chronic myeloid leukemic cells in vitro].

The role of calcium channel blockers and resveratrol in the prevention of paraquat-induced parkinsonism in *Drosophila melanogaster*: a locomotor analysis.

Haplotype association mapping of acute lung injury in mice implicates activin a receptor, type 1.

Expressions of lipid oxidation markers, N(μ)-hexanoyl lysine and acrolein in cisplatin-induced nephrotoxicity in rats.

TRPA1 receptor modulation attenuates bladder overactivity induced by spinal cord injury.

Isopentenyl pyrophosphate is a novel antinociceptive substance that inhibits TRPV3 and TRPA1 ion channels.

Protection against 1-methyl-4-phenylpyridinium ion (MPP⁺)-induced apoptosis by water extract of ginseng (*Panax ginseng* C.A. Meyer) in SH-SY5Y cells.

Paraquat- and rotenone-induced models of Parkinson's disease.

Antimicrobial edible apple films inactivate antibiotic resistant and susceptible *Campylobacter jejuni* strains on chicken breast.

A pathway-based analysis of urinary arsenic metabolites and skin lesions.

Endothelial dysfunction and claudin 5 regulation during acrolein-induced lung injury.

Arsenic methylation capacity and its correlation with skin lesions induced by contaminated drinking water consumption in residents of chronic arsenicosis area.

Protandim attenuates intimal hyperplasia in human saphenous veins cultured ex vivo via a catalase-dependent pathway.

Isoarnottinin 4'-glucoside, a glycosylated coumarin from *Prangos uloptera*, with biological activity.

Stress resistance conferred by neuronal expression of dominant-negative Rac in adult *Drosophila melanogaster*.

Unbalanced MMP/TIMP-1 expression during the development of experimental pulmonary fibrosis with acute paraquat poisoning.

Urine arsenic and hypertension in US adults: the 2003-2008 National Health and Nutrition Examination Survey.

Carnosine protects against the neurotoxic effects of a serotonin-derived melanoid.

Inactivation of *Salmonella* in organic soil by cinnamaldehyde, eugenol, Ecotrol, and Sporan.

Relationship between metabolic disorders and relative risk values of brain infarction estimated by protein-conjugated acrolein, IL-6 and CRP together with age.

Brain infarction correlates more closely with acrolein than with reactive oxygen species.

Anti-acrolein treatment improves behavioral outcome and alleviates myelin damage in experimental autoimmune encephalomyelitis mouse.

Mitochondrial dysfunction in skin fibroblasts from a Parkinson's disease patient with an alpha-synuclein triplication.

Therapeutic effects of cinnamaldehyde and potentiation of its efficacy in combination with methylcellulose on murine oral candidiasis.

[Occupational exposure to pesticides among farmers of the $\text{Å}^3\text{d}^{\text{e}}$ voivodeship agricultural area].

Use of polyamine metabolites as markers for stroke and renal failure.

Consumption of hydrogen water reduces paraquat-induced acute lung injury in rats.

Differential antiproliferation effect of 2'-benzoyloxycinnamaldehyde in K-ras-transformed cells via downregulation of thiol antioxidants.

Patch testing for food-associated allergies in orofacial granulomatosis.

2'-Hydroxycinnamaldehyde targets low-density lipoprotein receptor-related protein-1 to inhibit lipopolysaccharide-induced microglial activation.

HbMyb1, a Myb transcription factor from *Hevea brasiliensis*, suppresses stress induced cell death in transgenic tobacco.

Poly(ADP-ribose) polymerase-1 protects from oxidative stress induced endothelial dysfunction.

Acrolein sensitizes human renal cancer Caki cells to TRAIL-induced apoptosis via ROS-mediated up-regulation of death receptor-5 (DR5) and down-regulation of Bcl-2.

Generation of reactive oxygen species in 1-methyl-4-phenylpyridinium (MPP+) treated dopaminergic neurons occurs as an NADPH oxidase-dependent two-wave cascade.

Preferential activation of the vagal nodose nociceptive subtype by TRPA1 agonists in the guinea pig esophagus.

Rac-dependent doubling of HeLa cell area and impairment of cell migration and cell cycle by compounds from *Iris germanica*.

Botrytone, a new naphthalenone pentaketide produced by *Botrytis fabae*, the causal agent of chocolate spot disease on *Vicia faba*.

Urinary arsenic speciation profiles in mice subchronically exposed to low concentrations of sodium arsenate in drinking water.

Unraveling the role of fermentation in the mode of action of acetolactate synthase inhibitors by metabolic profiling.

Combined proteomic and transcriptomic analysis of the response of *Bacillus anthracis* to oxidative stress.

Proteomics of the oxidative stress response induced by hydrogen peroxide and paraquat reveals a novel AhpC-like protein in *Pseudomonas aeruginosa*.

Light history influences the response of the marine cyanobacterium *Synechococcus* sp. WH7803 to oxidative stress.

Overexpression of 2-cysteine peroxiredoxin enhances tolerance to methyl viologen-mediated oxidative stress and high temperature in potato plants.

Glyphosate reduces urediniospore development and *Puccinia psidii* disease severity on *Eucalyptus grandis*.

Accumulation and residue of napropamide in alfalfa (*Medicago sativa*) and soil involved in toxic response.

The homeobox protein CEH-23 mediates prolonged longevity in response to impaired mitochondrial electron transport chain in *C. elegans*.

Fibroblasts from long-lived bird species are resistant to multiple forms of stress.

Cigarette smoke and α,β -unsaturated aldehydes elicit VEGF release through the p38 MAPK pathway in human airway smooth muscle cells and lung fibroblasts.

Murine hepatic aldehyde dehydrogenase 1a1 is a major contributor to oxidation of aldehydes formed by lipid peroxidation.

Influence of diquat on growth and death of HepG2 cells using quartz crystal and micro CCD camera.

Phytotoxic, antifungal activities and acute toxicity studies of the crude extract and compounds from *Diospyros canaliculata*.

The chemotherapy metabolite acrolein upregulates thrombin generation and impairs the protein C anticoagulant pathway in animal-based and cell-based models.

Metabolic sugar signal promotes *Arabidopsis* meristematic proliferation via G2.

Effects of exogenous glutathione on arsenic burden and NO metabolism in brain of mice exposed to arsenite through drinking water.

[Modulation of T1R chemosensory receptors for sweet nutrients - new paradigms in metabolic regulation].

The significance of serum xanthine oxidase and oxidation markers in acute paraquat poisoning in humans.

Alteration of GSK-3 β in the hippocampus and other brain structures after chronic paraquat administration in rats.

Increased oxidative/nitrosative stress markers measured non-invasively in patients with high 2,3,7,8-tetrachloro-dibenzo-p-dioxin plasma level.

JNK3-mediated apoptotic cell death in primary dopaminergic neurons.

Predicting the risk of cardiovascular disease in people exposed to moderate to high levels of dioxin.

A single mid-gestation exposure to TCDD yields a postnatal autoimmune signature, differing by sex, in early geriatric C57BL/6 mice.

Chronic subhepatotoxic exposure to arsenic enhances hepatic injury caused by high fat diet in mice.

The polymorphisms of P53 codon 72 and MDM2 SNP309 and renal cell carcinoma risk in a low arsenic exposure area.

Effects of oleanolic acid on pulmonary morphofunctional and biochemical variables in experimental acute lung injury.

Intermittent iron supplementation for reducing anaemia and its associated impairments in menstruating women.

Community-led initiative for control of anemia among children 6 to 35 months of age and unmarried adolescent girls in rural Wardha, India.

Molecular aspects of dopaminergic neurodegeneration: gene-environment interaction in parkin dysfunction.

Correlation of seven biological factors (Hsp90a, p53, MDM2, Bcl-2, Bax, Cytochrome C, and Cleaved caspase3) with clinical outcomes of ALK+ anaplastic large-cell lymphoma.

The management of iron deficiency in menometrorrhagia.

Controlling viral immuno-inflammatory lesions by modulating aryl hydrocarbon receptor signaling.

Environmental- and injury-related epidemic-assistance investigations, 1946-2005.

17 β -estradiol protects the lung against acute injury: possible mediation by vasoactive intestinal polypeptide.

Antiplatelet effect by p-cresol, a uremic and environmental toxicant, is related to inhibition of reactive oxygen species, ERK/p38 signaling and thromboxane A2 production.

Activation of the aryl hydrocarbon receptor by TCDD inhibits mammary tumor metastasis in a syngeneic mouse model of breast cancer.

Mutated p.4894 RyR1 function related to malignant hyperthermia and congenital neuromuscular disease with uniform type 1 fiber (CNMDU1).

Aryl hydrocarbon receptor-mediated induction of Stearoyl-CoA desaturase 1 alters hepatic fatty acid composition in TCDD-elicited steatosis.

Mitochondrial respiratory complex I dysfunction promotes tumorigenesis through ROS alteration and AKT activation.

Neuroprotective efficacy of curcumin in arsenic induced cholinergic dysfunctions in rats.

Effect of Helicobacter pylori infection on iron absorption in asymptomatic adults consuming wheat flour fortified with iron and zinc.

The OBELIX project: early life exposure to endocrine disruptors and obesity.

MicroRNAs in inflammation and response to injuries induced by environmental pollution.

Weekly iron supplementation for the prevention of anemia in pre-school children: a randomized, double-blind, placebo-controlled trial.

Low-level subchronic arsenic exposure from prenatal developmental stages to adult life results in an impaired glucose homeostasis.

Supplementation with oral vs. intravenous iron for anemia with IBD or gastrointestinal bleeding: is oral iron getting a bad rap?

Polymorphism of the aryl-hydrocarbon receptor gene in intron 10 of human cancers.

Endocrine disrupting chemicals and disease susceptibility.

Mitochondrial ERK plays a key role in μ -opioid receptor neuroprotection against acute mitochondrial dysfunction.

Efficacy and safety of oral iron(III) polymaltose complex versus ferrous sulfate in pregnant women with iron-deficiency anemia: a multicenter, randomized, controlled study.

Increased hepatic Igf2 gene expression involves C/EBP β in TCDD-induced teratogenesis in rats.

Air pollution in autoimmune rheumatic diseases: a review.

Potential protective mechanisms of aryl hydrocarbon receptor (AHR) signaling in benign prostatic hyperplasia.

Arsenite induces cell transformation by reactive oxygen species, AKT, ERK1/2, and p70S6K1.

Discovery of potent, selective, and orally bioavailable alkynylphenoxyacetic acid CRTH2 (DP2) receptor antagonists for the treatment of allergic inflammatory diseases.

Nrf2 protects against 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced oxidative injury and steatohepatitis.

An endogenous tumour-promoting ligand of the human aryl hydrocarbon receptor.

Role of dialysis technology in the removal of uremic toxins.

[Implementation and impact of the National Iron Supplementation Program in the city of Viçosa, State of Minas Gerais].

Consumption patterns and risk assessment of crab consumers from the Newark Bay Complex, New Jersey, USA.

The possible roles of environmental factors and the aryl hydrocarbon receptor in the prevalence of thyroid diseases in Vietnam era veterans.

Activation of the aryl hydrocarbon receptor suppresses sensitization in a mouse peanut allergy model.

Intraperitoneal N-acetylcysteine for acute iron intoxication in rats.

Lithium protects against oxidative stress-mediated cell death in α -synuclein-overexpressing in vitro and in vivo models of Parkinson's disease.

CD82 gene suppression in endometrial stromal cells leads to increase of the cell invasiveness in the endometriotic milieu.

Animal models of Parkinson's disease: a source of novel treatments and clues to the cause of the disease.

Molecular targets that link dioxin exposure to toxicity phenotypes.

Hemoglobin regeneration efficiency in anemic rats: effects on bone mineral composition and biomechanical properties.

Inhibition of fatty acid amide hydrolase suppresses referred hyperalgesia induced by bladder inflammation.

Comparative toxicity of arsenic metabolites in human bladder cancer EJ-1 cells.

The p38 MAPK inhibitor SB203580 induces cytochrome P450 1A1 gene expression in murine and human hepatoma cell lines through ligand-dependent aryl hydrocarbon receptor activation.

Discovery and biological characterization of 1-(1H-indol-3-yl)-9H-pyrido[3,4-b]indole as an aryl hydrocarbon receptor activator generated by photoactivation of tryptophan by sunlight.

Impact of prophylactic iron supplementation in healthy pregnant women on maternal iron status and birth outcome.

Methyl bromide poisoning presenting as acute ataxia.

Immune interactions in endometriosis.

Association of oxidative stress with the formation of reproductive toxicity from mercury exposure on hermaphrodite nematode *Caenorhabditis elegans*.

Calcium does not inhibit the absorption of 5 milligrams of nonheme or heme iron at doses less than 800 milligrams in nonpregnant women.

Colonic contribution to uremic solutes.

2,4-dinitrophenol (DNP): a weight loss agent with significant acute toxicity and risk of death.

Vascular hyperpermeability in response to inflammatory mustard oil is mediated by Rho kinase in mice systemically exposed to arsenic.

Cyanogenic glucosides in the biological warfare between plants and insects: the Burnet moth-Birdsfoot trefoil model system.

Development of fortified biscuit using NaFeEDTA.

Vitamin B12 protects against superoxide-induced cell injury in human aortic endothelial cells.

Metabolomics analysis reveals elevation of 3-indoxyl sulfate in plasma and brain during chemically-induced acute kidney injury in mice: investigation of nicotinic acid receptor agonists.

Determination of uremic solutes in biological fluids of chronic kidney disease patients by HPLC assay.

Comparison of the concentrations of polychlorinated biphenyls and dioxins in mothers affected by the Yusho incident and their children.

The embryology of the diaphragm.

Changes in iron-regulatory gene expression occur in human cell culture models of Parkinson's disease.

Identification of differentially expressed genes in the livers of chronically i-As-treated hamsters.

Blunted increase in serum hepcidin as response to oral iron in HFE-hemochromatosis.

Surprises perilous: toxic health hazards for employees unloading fumigated shipping containers.

Genetic architecture of susceptibility to PCB126-induced developmental cardiotoxicity in zebrafish.

Involvement of microRNAs in dioxin-induced liver damage in the mouse.

Proton MR spectroscopy of neural stem cells: does the proton-NMR peak at 1.28 ppm function as a biomarker for cell type or state?

Urinary trichlorophenol levels and increased risk of attention deficit hyperactivity disorder among US school-aged children.

Interactive effect of arsenic and fluoride on cardio-respiratory disorders in male rats: possible role of reactive oxygen species.

Fulminant hepatic failure in woman with iron and non-steroidal anti-inflammatory drug intoxication.

Illness associated with exposure to methyl bromide-fumigated produce--California, 2010.

Distinct role of Hsp70 in *Drosophila* hemocytes during severe hypoxia.

Protein-bound uremic toxins: new insight from clinical studies.

Environmental factors and endometriosis.

The epidemiology and type of medication errors reported to the National Poisons Information Centre of Ireland.

De novo once-monthly darbepoetin alpha treatment for the anemia of chronic kidney disease using a computerized algorithmic approach.

The response of HMGA1 to changes in oxygen availability is evolutionarily conserved.

The effect of the uremic toxin cyanate (CNO²⁻) on anaerobic cysteine metabolism and oxidative processes in the rat liver: a protective effect of lipoate.

Inducers of chemical hypoxia act in a gender- and brain region-specific manner on primary astrocyte viability and cytochrome C oxidase.

Effect of oral exposure to fenitrothion and 3-methyl-4-nitrophenol on splenic cell populations and histopathological alterations in spleen in Wistar rats.

Mitochondrial dysfunction and oxidative stress contribute to the pathogenesis of spinocerebellar ataxia type 12 (SCA12).

Defects in myoglobin oxygenation in K(ATP)-deficient mouse hearts under normal and stress conditions characterized by near infrared spectroscopy and imaging.

Konzo: from poverty, cassava, and cyanogen intake to toxico-nutritional neurological disease.

Effect of urinary total arsenic level and estimated glomerular filtration rate on the risk of renal cell carcinoma in a low arsenic exposure area.

Review of metastasizing (malignant) ameloblastoma (METAM): pattern of metastasis and treatment.

Life span and locomotor activity modification by glucose and polyphenols in *Drosophila melanogaster* chronically exposed to oxidative stress-stimuli: implications in Parkinson's disease.

Activation of aryl hydrocarbon receptor induces vascular inflammation and promotes atherosclerosis in apolipoprotein E^{-/-} mice.

In vitro and in vivo evaluation of chemically modified degradable starch microspheres for topical haemostasis.

Exposure to iodomethane and dichloromethane associated with a confusional state.

Prenatal administration of retinoic acid upregulates connective tissue growth factor in the nitrofen CDH model.

The role of primary myogenic regulatory factors in the developing diaphragmatic muscle in the nitrofen-induced diaphragmatic hernia.

Long-term effects on humoral immunity among workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Global DNA methylation in the mouse liver is affected by methyl deficiency and arsenic in a sex-dependent manner.

Regulation of type 17 helper T-cell function by nitric oxide during inflammation.

Antenatal sildenafil treatment attenuates pulmonary hypertension in experimental congenital diaphragmatic hernia.

Relative survival after exposure to polychlorinated biphenyls and dioxins: a follow-up of Japanese patients affected in the Yusho incident.

Vascular incompetence in dialysis patients--protein-bound uremic toxins and endothelial dysfunction.

Clearance of p-cresol sulfate and β_2 -microglobulin from dialysate by commercially available sorbent technology.

[Non dietetic environmental risk factors in prostate cancer].

Fortification iron as ferrous sulfate plus ascorbic acid is more rapidly absorbed than as sodium iron EDTA but neither increases serum nontransferrin-bound iron in women.

A threshold area ratio of organic to conventional agriculture causes recurrent pathogen outbreaks in organic agriculture.

Concomitant exposure to arsenic and organophosphates on tissue oxidative stress in rats.

Urinary p-cresol is elevated in small children with severe autism spectrum disorder.

Impacts of environmental toxicants on male reproductive dysfunction.

Perinatal exposure to low doses of dioxin can permanently impair human semen quality.

2, 4-dinitrophenol poisoning caused by non-oral exposure.

Role of the xenobiotic receptor in inflammatory bowel disease.

Inverse associations between long-term weight change and serum concentrations of persistent organic pollutants.

Therapeutic efficacy of silymarin and naringenin in reducing arsenic-induced hepatic damage in young rats.

Antioxidant effect of vegetable oils containing conjugated linolenic acid isomers against induced tissue lipid peroxidation and inflammation in rat model.

Association between body mass index and arsenic methylation efficiency in adult women from southwest U.S. and northwest Mexico.

Plasma levels of polychlorinated biphenyls and risk of cutaneous malignant melanoma: a preliminary study.

Epidemiological approaches in the investigation of environmental causes of cancer: the case of dioxins and water disinfection by-products.

Uremic toxins inhibit transport by breast cancer resistance protein and multidrug resistance protein 4 at clinically relevant concentrations.

Enhancing transgenic pea (*Pisum sativum* L.) resistance against fungal diseases through stacking of two antifungal genes (chitinase and glucanase).

[Time serial changes in the concentrations of the related agents to fetal Yusho--dioxin-like PCBs and PCBs].

Recommendations on iron questioned.

Exclusively breastfed infants: iron recommendations are premature.

Concerns with early universal iron supplementation of breastfeeding infants.

Quantitation of branched-chain amino acids in ascites by capillary electrophoresis with light-emitting diode-induced fluorescence detection.

Prenatal administration of retinoic acid upregulates insulin-like growth factor receptors in the nitrofen-induced hypoplastic lung.

Uremic toxins and oral adsorbents.

Glutamate NMDA receptor dysregulation in Parkinson's disease with dyskinesias.

Iron homeostasis and nutritional iron deficiency.

Mitochondrial uncoupling agents trigger ventricular fibrillation in isolated rat hearts.

Resveratrol interacts with estrogen receptor- β to inhibit cell replicative growth and enhance stress resistance by upregulating mitochondrial superoxide dismutase.

Perspectives on the potential involvement of the AH receptor-dioxin axis in cardiovascular disease.

Iron deficiency up-regulates iron absorption from ferrous sulphate but not ferric pyrophosphate and consequently food fortification with ferrous sulphate has relatively greater efficacy in iron-deficient individuals.

L-cysteine as a regulator for arsenic-mediated cancer-promoting and anti-cancer effects.

Molecular and functional characterization of aryl hydrocarbon receptor nuclear translocator 1 (ARNT1) and ARNT2 in chicken (*Gallus gallus*).

Developmental dioxin exposure of either parent is associated with an increased risk of preterm birth in adult mice.

Developmental exposure to TCDD reduces fertility and negatively affects pregnancy outcomes across multiple generations.

Environmental toxicants and the developing immune system: a missing link in the global battle against infectious disease?

Prenatal TCDD in mice increases adult autoimmunity.

Aryl hydrocarbon receptor activation during pregnancy, and in adult nulliparous mice, delays the subsequent development of DMBA-induced mammary tumors.

Mushroom lectin protects arsenic induced apoptosis in hepatocytes of rodents.

Arsenite-induced apoptosis is prevented by selenite in A375 cell line.

Shelf stability, sensory qualities, and bioavailability of iron-fortified Nepalese curry powder.

Haemoglobin mass in an anaemic female endurance runner before and after iron supplementation.

Analysis of human cultured myotubes responses mediated by ryanodine receptor 1.

Effect of quercetin on formation of choroidal neovascularization (CNV) in age-related macular degeneration (AMD).

Clinical features and treatment in patients with acute 2,4-dinitrophenol poisoning.

The gut-kidney axis: indoxyl sulfate, p-cresyl sulfate and CKD progression.

Arsenic: toxicity, oxidative stress and human disease.

Alterations of excitation-contraction coupling and excitation coupled Ca^{2+} entry in human myotubes carrying CAV3 mutations linked to rippling muscle.

Real-time flow cytometry for the kinetic analysis of oncosis.

Protective role of exogenous α -lipoic acid (ALA) on hippocampal antioxidant status and memory function in rat pups exposed to sodium arsenite during the early post-natal period.

Aryl hydrocarbon receptor activation by TCDD reduces inflammation associated with Crohn's disease.

Suppression of cytokine-mediated complement factor gene expression through selective activation of the Ah receptor with 3',4'-dimethoxy- α -naphthoflavone.

Ah receptor antagonism inhibits constitutive and cytokine inducible IL6 production in head and neck tumor cell lines.

Gene expression alterations in immune system pathways in the thymus after exposure to immunosuppressive chemicals.

Effects of synbiotic treatment on serum level of p-cresol in haemodialysis patients: a preliminary study.

p-Cresyl sulphate and indoxyl sulphate predict progression of chronic kidney disease.

Recurrence of konzo in southern Tanzania: rehabilitation and prevention using the wetting method.

Assessing diet in populations at risk for konzo and neuroleptism.

Appearance of konzo in South-Kivu, a wartorn area in the Democratic Republic of Congo.

A case report of concomitant paroxysmal nocturnal hemoglobinuria and heterozygous β^0 -thalassemia.

On the biomarkers and mechanisms of konzo, a distinct upper motor neuron disease associated with food (cassava) cyanogenic exposure.

Uptake of wetting method in Africa to reduce cyanide poisoning and konzo from cassava.

Acute tubular necrosis due to cutaneous contact with cresol.

Oxidative stress and hepatic stellate cell activation are key events in arsenic induced liver fibrosis in mice.

Beneficial network effects of methylene blue in an amnesic model.

Neuroprotective effects of KR-62980, a new PPAR γ agonist, against chemical ischemia-reperfusion in SK-N-SH cells.

Aryl hydrocarbon receptor ligand 2,3,7,8-tetrachlorodibenzo-p-dioxin enhances liver damage in bile duct-ligated mice.

[Effect of iron supplementation on maximal oxygen uptake in female athletes].

Shared antigenicity between the polar filaments of myxosporeans and other Cnidaria.

Prenatal TCDD causes persistent modulation of the postnatal immune response, and exacerbates inflammatory disease, in 36-week-old lupus-like autoimmune SNF1 mice.

[Ferrous sulfate: acute poisoning with a frequent use drug].

Suppression of the proinflammatory response of metastatic melanoma cells increases TRAIL-induced apoptosis.

Case-control study of risk factors of myelodysplastic syndromes according to World Health Organization classification in a Chinese population.

Mutant SOD1 and mitochondrial damage alter expression and splicing of genes controlling neuritegenesis in models of neurodegeneration.

Expression of the Wilm's tumor gene WT1 during diaphragmatic development in the nitrofen model for congenital diaphragmatic hernia.

Downregulation of Midkine gene expression and its response to retinoic acid treatment in the nitrofen-induced hypoplastic lung.

Prenatal retinoic acid treatment upregulates late gestation lung protein 1 in the nitrofen-induced hypoplastic lung in late gestation.

Abnormal development of the enteric nervous system in rat embryos and fetuses with congenital diaphragmatic hernia.

Microscopic magnetic resonance imaging of the thoracic venous system in rats with congenital diaphragmatic hernia.

Effect of insulin-like growth factors on lung development in a nitrofen-induced CDH rat model.

Contribution of residual function to removal of protein-bound solutes in hemodialysis.

Resveratrol (3,5,4'-trihydroxystilbene) protects pregnant mother and fetus from the immunotoxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Simultaneous exposure of non-diabetics to high levels of dioxins and mercury increases their risk of insulin resistance.

Beers-Fick criteria and drugs available through the Farmácia Dose Certa program.

[Pharmacokinetics of iron medication and efficacy of therapy with oral iron supplementation].

[Polymorphism of TNF gene and CPOX gene in chemical industry workers].

Moderate NaFeEDTA and ferrous sulfate supplementation can improve both hematologic status and oxidative stress in anemic pregnant women.

Factors determining compliance to routine iron supplementation in pregnancy at the University of Portharcout Teaching Hospital.

Activation of aryl hydrocarbon receptor (AhR) leads to reciprocal epigenetic regulation of FoxP3 and IL-17 expression and amelioration of experimental colitis.

Total infusion of low molecular weight iron-dextran for treating postpartum anemia.

Does uremia cause vascular dysfunction?

Sequence analysis of MYOC and CYP1B1 in a Chinese pedigree of primary open-angle glaucoma.

p-Cresylsulfate and indoxyl sulfate level at different stages of chronic kidney disease.

Role of familial, environmental and occupational factors in the development of Parkinson's disease.

Chronic exposure to arsenite induces S100A8 and S100A9 expression in rat RBL-2H3 mast cells.

Metabolomic study of a rat fever model induced with 2,4-dinitrophenol and the therapeutic effects of a crude drug derived from *Coptis chinensis*.

Muscle weakness in Ryr1I4895T/WT knock-in mice as a result of reduced ryanodine receptor Ca²⁺ ion permeation and release from the sarcoplasmic reticulum.

Acute arsine poisoning confirmed by speciation analysis of arsenic compounds in the plasma and urine by HPLC-ICP-MS.

Phase III, randomized study of the effects of parenteral iron, oral iron, or no iron supplementation on the erythropoietic response to darbepoetin alfa for patients with chemotherapy-associated anemia.

Gene polymorphisms of glutathione S-transferase omega 1 and 2, urinary arsenic methylation profile and urothelial carcinoma.

Efficacy of intravenous iron for treating postpartum anemia in low-resource African countries: a pilot study in Malawi.

Down-regulation of lung Kruppel-like factor in the nitrofen-induced hypoplastic lung.

Inhibition of hexokinase leads to neuroprotection against excitotoxicity in organotypic hippocampal slice culture.

Basolateral potassium (IKCa) channel inhibition prevents increased colonic permeability induced by chemical hypoxia.

Downregulation of FGFR1 contributes to the development of the diaphragmatic defect in the nitrofen model of congenital diaphragmatic hernia.

Residential exposure to pesticides and childhood leukaemia: a systematic review and meta-analysis.

Prenatal treatment with retinoic acid activates parathyroid hormone-related protein signaling in the nitrofen-induced hypoplastic lung.

A comparison of the bioavailability of ferrous fumarate and ferrous sulfate in non-anemic Mexican women and children consuming a sweetened maize and milk drink.

Gold kiwifruit consumed with an iron-fortified breakfast cereal meal improves iron status in women with low iron stores: a 16-week randomised controlled trial.

Cardioprotection induced by Na⁽⁺⁾/K⁽⁺⁾-ATPase activation involves extracellular signal-regulated kinase 1/2 and phosphoinositide 3-kinase/Akt pathway.

2,3,7,8-tetrachlorodibenzo-p-dioxin induced autophagy in a bovine kidney cell line.

Actions of juglone on energy metabolism in the rat liver.

The constitutively active Ah receptor (CA-AhR) mouse as a model for dioxin exposure - effects in reproductive organs.

A neural cell adhesion molecule-derived peptide, FGL, attenuates glial cell activation in the aged hippocampus.

All-trans retinoic acid protects against arsenic-induced uterine toxicity in female Sprague-Dawley rats.

Dietary ligands of the aryl hydrocarbon receptor induce anti-inflammatory and immunoregulatory effects on murine dendritic cells.

TRPV1, TRPA1, and CB1 in the isolated vagus nerve--axonal chemosensitivity and control of neuropeptide release.

Licorice extract increases cyclophosphamide teratogenicity by upregulating the expression of cytochrome P-450 2B mRNA.

Rat H9c2 cardiac myocytes are sensitive to arsenite due to a modest activation of transcription factor Nrf2.

Sodium arsenite dependent protein expression analysis on human embryonic carcinoma (NCCIT) cell line.

Vanin-1: a potential biomarker for nephrotoxicant-induced renal injury.

Flavonoids and oxidative stress in *Drosophila melanogaster*.

Isolation and functional characterization of a cotton ubiquitination-related promoter and 5'UTR that drives high levels of expression in root and flower tissues.

Visualization of mitochondrial respiratory function using cytochrome c oxidase/succinate dehydrogenase (COX/SDH) double-labeling histochemistry.

Oxidative stress and leaf senescence.

Natural toxins implicated in the development of Parkinson's disease.

Dose-dependent urinary phenotype of inorganic arsenic methylation in mice with a focus on trivalent methylated metabolites.

Non-dioxin-like polychlorinated biphenyls interfere with neuronal differentiation of embryonic neural stem cells.

The aryl hydrocarbon receptor agonist 2,3,7,8-tetrachloro-dibenzo-p-dioxin (TCDD) alters early embryonic development in a rat IVF exposure model.

A novel application of the Margin of Exposure approach: segregation of tobacco smoke toxicants.

Mixture toxicity of S(N)2-reactive soft electrophiles: 2-evaluation of mixtures containing ethyl $\hat{\iota}$ -halogenated acetates.

Site-specific proteomic analysis of lipoxidation adducts in cardiac mitochondria reveals chemical diversity of 2-alkenal adduction.

Effect of a volatile smoke component (acrolein) on human gingival fibroblasts: An in vitro study.

Transient receptor potential A1 channels: insights into cough and airway inflammatory disease.

Assessing the application of acute toxic gas standards.

Effects of dioxin exposure in *Eisenia andrei*: integration of biomarker data by an Expert System to rank the development of pollutant-induced stress syndrome in earthworms.

Long-term food-exposure of zebrafish to PCB mixtures mimicking some environmental situations induces ovary pathology and impairs reproduction ability.

Hepatic in vitro toxicity assessment of PBDE congeners BDE47, BDE153 and BDE154 in Atlantic salmon (*Salmo salar* L.).

Attenuating effect of lycopene and ellagic acid on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced spermotoxicity and testicular apoptosis.

Sodium arsenite-induced alteration in hepatocyte function of rat with special emphasis on superoxide dismutase expression pathway and its prevention by mushroom lectin.

Oxidative modifications of proteins by sodium arsenite in human umbilical vein endothelial cells.

Zebrafish eleutheroembryos provide a suitable vertebrate model for screening chemicals that impair thyroid hormone synthesis.

On the antioxidant properties of kynurenic acid: free radical scavenging activity and inhibition of oxidative stress.

A metabolic system-wide characterisation of the pig: a model for human physiology.

The leader protein of cardioviruses inhibits stress granule assembly.

Dioxin exposure and age of pubertal onset among Russian boys.

Protective effects of methanol extracts from *Cladonia rangiformis* and *Umbilicaria vellea* against known mutagens sodium azide and 9-aminoacridine.

Aryl hydrocarbon receptor-dependent upregulation of Cyp1b1 by TCDD and diesel exhaust particles in rat brain microvessels.

Effect of the traditional Chinese medicine tongxinluo on endothelial dysfunction rats studied by using urinary metabolomics based on liquid chromatography-mass spectrometry.

C-Jun N-terminal kinase controls TDP-43 accumulation in stress granules induced by oxidative stress.

Characterization of iodinated adrenomedullin derivatives suitable for lung nuclear medicine.

Hydroxytyrosol, the phenolic compound of olive oil protects human PBMC against oxidative stress and DNA damage mediated by 2,3,7,8-TCDD.

Vacuolar H⁺-ATPase c protects glial cell death induced by sodium nitroprusside under glutathione-depleted condition.

Epigenetic control of embryonic renal cell differentiation by L1 retrotransposon.

Organic anion transporters play an important role in the uptake of p-cresyl sulfate, a uremic toxin, in the kidney.

Combined effect of fluoride and 2,3,7,8-tetrachlorodibenzo-p-dioxin on mouse dental hard tissue formation in vitro.

Protective role of *Moringa oleifera* (Sajina) seed on arsenic-induced hepatocellular degeneration in female albino rats.

[Thiamine and its derivatives in the regulation of cell metabolism].

DORMEX-hydrogen cyanamide poisoning.

Pesticide risk mitigation by vegetated treatment systems: a meta-analysis.

Soil suppressiveness against the disease complex of the soybean cyst nematode and sudden death syndrome of soybean.

A flow cytometry based oligotrophic pollutant exposure test to detect bacterial growth inhibition and cell injury.

Effect of oral coadministration of artesunate with ferrous sulfate on rat liver mitochondrial membrane permeability transition.

Reduced cytochrome P4501A activity and recovery from oxidative stress during subchronic benzo[a]pyrene and benzo[e]pyrene treatment of rainbow trout.

A study of the relative importance of the peroxiredoxin-, catalase-, and glutathione-dependent systems in neural peroxide metabolism.

Effect of deferasirox on iron absorption in a randomized, placebo-controlled, crossover study in a human model of acute supratherapeutic iron ingestion.

Effect of magnesium deficiency on antioxidant status and cadmium toxicity in rice seedlings.

5-S-GAD attenuates Fe²⁺-induced lipid peroxidation and cell death in a neuronal cell model.

Effect of restraint stress on 2,3,7,8 tetrachloro dibenzo-p-dioxin induced testicular and epididymal toxicity in rats.

Sodium arsenite and hyperthermia modulate cisplatin-DNA damage responses and enhance platinum accumulation in murine metastatic ovarian cancer xenograft after hyperthermic intraperitoneal chemotherapy (HIPEC).

Role of zebrafish cytochrome P450 CYP1C genes in the reduced mesencephalic vein blood flow caused by activation of AHR2.

Mitochondrial uncoupling agents antagonize rotenone actions in rat substantia nigra dopamine neurons.

Mitochondrial dysfunction and insulin resistance: the contribution of dioxin-like substances.

Metam sodium intoxication: the specific role of degradation products--methyl isothiocyanate and carbon disulphide--as a function of exposure.

Oral ferrous sulfate does not increase preoperative hemoglobin in patients scheduled for hip or knee arthroplasty.

Artemisinin production in *Artemisia annua*: studies in planta and results of a novel delivery method for treating malaria and other neglected diseases.

Apolipoprotein D alters the early transcriptional response to oxidative stress in the adult cerebellum.

Arsenic affects expression and processing of amyloid precursor protein (APP) in primary neuronal cells overexpressing the Swedish mutation of human APP.

TRP channels: emerging targets for respiratory disease.

Acute exposure to 2,4-dinitrophenol alters zebrafish swimming performance and whole body triglyceride levels.

Effect of sodium arsenite dose administered in the drinking water on the urinary bladder epithelium of female arsenic (+3 oxidation state) methyltransferase knockout mice.

Assessing the genotoxic potentials of arsenic in tilapia (*Oreochromis mossambicus*) using alkaline comet assay and micronucleus test.

The generation of olfactory epithelial neurospheres in vitro predicts engraftment capacity following transplantation in vivo.

Development of disease-resistant marker-free tomato by R/RS site-specific recombination.

Activation of the aryl hydrocarbon receptor during pregnancy in the mouse alters mammary development through direct effects on stromal and epithelial tissues.

The differentiation of cardiomyocytes from mouse embryonic stem cells is altered by dioxin.

Management of Verticillium Wilt of Potato with Disease-Suppressive Green Manures and as Affected by Previous Cropping History.

[Astaxanthin inhibits sodium azide-induced cytotoxicity in hepatocyte L-02 cells probably by H⁺ transferring function].

Effect of efflux pump inhibitors on drug susceptibility of ofloxacin resistant *Mycobacterium tuberculosis* isolates.

Effect of pertussis toxin and herbimycin A on proteinase-activated receptor 2-mediated cyclooxygenase 2 expression in *Helicobacter pylori*-infected gastric epithelial AGS cells.

Novel hormonal delivery method using the ink-jet technology: application to pulmonary insulin therapies.

Acute toxicity of organic chemicals to *Gammarus pulex* correlates with sensitivity of *Daphnia magna* across most modes of action.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced cytotoxicity accompanied by oxidative stress in rat Sertoli cells: Possible role of mitochondrial fractions of Sertoli cells.

Effect of dioxin exposure on several indices of blood redox status in lactating buffalo cows.

Cigarette smoke increases susceptibility to tuberculosis--evidence from in vivo and in vitro models.

Free radical production, antioxidant capacity, and oxidative stress response signatures in fibroblasts from Lewis dwarf rats: effects of life span-extending peripubertal GH treatment.

2,3,7,8-Tetrachlorodibenzo-p-dioxin impairs iron homeostasis by modulating iron-related proteins expression and increasing the labile iron pool in mammalian cells.

SMN deficiency reduces cellular ability to form stress granules, sensitizing cells to stress.

Tissue-specific and dose-related accumulation of arsenic in mouse offspring following maternal consumption of arsenic-contaminated water.

Dioxin exposure of human CD34+ hemopoietic cells induces gene expression modulation that recapitulates its in vivo clinical and biological effects.

Activity-based protein profiling of organophosphorus and thiocarbamate pesticides reveals multiple serine hydrolase targets in mouse brain.

[The difference between male and female dioxin concentrations in the blood of Yusho patients].

[Relationship between half-lives of blood dioxins and possible metabolic mechanism].

c-Src is required for complex formation between the hepatitis C virus-encoded proteins NS5A and NS5B: a prerequisite for replication.

2,3,7,8-tetrachlorodibenzo-p-dioxin potentially attenuates the gene expression of pituitary gonadotropin β -subunits in a fetal age-specific fashion: a comparative study using cultured pituitaries.

Protective effect of pretreatment with cilostazol on cytotoxicity of cadmium and arsenite in cultured vascular endothelial cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters sebaceous gland cell differentiation in vitro.

Retention and maternal transfer of brominated dioxins in zebrafish (*Danio rerio*) and effects on reproduction, aryl hydrocarbon receptor-regulated genes, and ethoxyresorufin-O-deethylase (EROD) activity.

Dioxin toxicity, aryl hydrocarbon receptor signaling, and apoptosis-persistent pollutants affect programmed cell death.

Stability of tissue PO₂ in the face of altered perfusion: a phenomenon specific to the renal cortex and independent of resting renal oxygen consumption.

Light- and sodium azide-induced death of RGC-5 cells in culture occurs via different mechanisms.

Acute disruption of bone marrow hematopoiesis by benzo(a)pyrene is selectively reversed by aryl hydrocarbon receptor-mediated processes.

Production of marker-free disease-resistant potato using isopentenyl transferase gene as a positive selection marker.

The lampricide 3-trifluoromethyl-4-nitrophenol (TFM) uncouples mitochondrial oxidative phosphorylation in both sea lamprey (*Petromyzon marinus*) and TFM-tolerant rainbow trout (*Oncorhynchus mykiss*).

Cyclooxygenase-2 contributes to functional changes seen on experimental hemorrhagic cystitis induced by ifosfamide in rat urinary bladder.

Coenzyme Q10 counteracts testicular injury induced by sodium arsenite in rats.

Realgar and realgar-containing Liu-Shen-Wan are less acutely toxic than arsenite and arsenate.

Hepatic transcriptomic responses to TCDD in dioxin-sensitive and dioxin-resistant rats during the onset of toxicity.

Manganese uptake and distribution in the brain after methyl bromide-induced lesions in the olfactory epithelia.

Cell death induction and nitric oxide biosynthesis in white poplar (*Populus alba*) suspension cultures exposed to alfalfa saponins.

Impurity spectroscopy at its ultimate limit: relation between bulk spectrum, inhomogeneous broadening, and local disorder by spectroscopy of (nearly) all individual dopant molecules in solids.

Chlorinated benzenes cause concomitantly oxidative stress and induction of apoptotic markers in lung epithelial cells (A549) at nonacute toxic concentrations.

Effects of spermidine and p-cresol on polymorphonuclear cell apoptosis and function.

Polymorphisms in arsenic(+III oxidation state) methyltransferase (AS3MT) predict gene expression of AS3MT as well as arsenic metabolism.

C-reactive protein makes human endothelium stiff and tight.

Stiff endothelial cell syndrome in vascular inflammation and mineralocorticoid excess.

Measuring the toxicity of alkyl-phenanthrenes to early life stages of medaka (*Oryzias latipes*) using partition-controlled delivery.

Structural insight into human variegate porphyria disease.

Neural precursor cell proliferation is disrupted through activation of the aryl hydrocarbon receptor by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Intracellular trafficking of hyaluronic acid-chitosan oligomer-based nanoparticles in cultured human ocular surface cells.

Regulation and dysregulation of vitellogenin mRNA accumulation in daphnids (*Daphnia magna*).

Realgar- and cinnabar-containing an-gong-niu-huang wan (AGNH) is much less acutely toxic than sodium arsenite and mercuric chloride.

Serum paraquat concentration detected by spectrophotometry in patients with paraquat poisoning.

Saturated hydrogen saline protects rats from acute lung injury induced by paraquat.

Imaging in detecting sites of pulmonary fibrosis induced by paraquat.

Acute mitochondrial actions of glitazones on the liver: a crucial parameter for their antidiabetic properties.

Three-generation experiment showed female C57BL/6J mice drink drainage canal water containing low level of TCDD-like activity causing high pup mortality.

Efficacy, Tolerability, and Acceptability of Iron Hydroxide Polymaltose Complex versus Ferrous Sulfate: A Randomized Trial in Pediatric Patients with Iron Deficiency Anemia.

Mortality from Parkinson's disease and other causes among a workforce manufacturing paraquat: a retrospective cohort study.

Regulation of oxidative stress response by CosR, an essential response regulator in *Campylobacter jejuni*.

Reduction in protein-bound solutes unacceptable as marker of dialysis efficacy during alternate-night nocturnal hemodialysis.

Evaluation of oxidative stress status in children with pervasive developmental disorder and attention deficit hyperactivity disorder using urinary-specific biomarkers.

Shellfish and residual chemical contaminants: hazards, monitoring, and health risk assessment along French coasts.

Enhanced hepatotoxicity induced by repeated exposure to polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin in combination in male rats.

NTP toxicity studies of toxicity studies of 2,4-decadienal (CAS No. 25152-84-5) administered by gavage to F344/N Rats and B6C3F1 mice.

Assessment of risk of PCDD/Fs and dioxin-like PCBs in marine and freshwater fish in Pearl River Delta, China.

Glutathione biosynthesis via activation of the nuclear factor E2-related factor 2 (Nrf2)--antioxidant-response element (ARE) pathway is essential for neuroprotective effects of sulforaphane and 6-(methylsulfinyl) hexyl isothiocyanate.

DNA damage induced by shikonin in the presence of Cu(II) ions: potential mechanism of its activity to apoptotic cell death.

Metabolic response to low-level toxicant exposure in a novel renal tubule epithelial cell system.

Broad-range antagonistic rhizobacteria *Pseudomonas fluorescens* and *Serratia plymuthica* suppress *Agrobacterium* crown gall tumours on tomato plants.

Oxidatively generated DNA damage after Cu(II) catalysis of dopamine and related catecholamine neurotransmitters and neurotoxins: Role of reactive oxygen species.

Differential long-term effects of developmental exposure to polychlorinated biphenyls 52, 138 or 180 on motor activity and neurotransmission. Gender dependence and mechanisms involved.

Î²-dicarbonyl enolates: a new class of neuroprotectants.

Characterization of Hsp70 gene in *Chironomus riparius*: expression in response to endocrine disrupting pollutants as a marker of ecotoxicological stress.

Chronic hyperglycemia reduces substrate oxidation and impairs metabolic switching of human myotubes.

Cardiac-specific overexpression of catalase attenuates paraquat-induced myocardial geometric and contractile alteration: role of ER stress.

Prior exposure to organophosphorus and organochlorine pesticides increases the allergic potential of environmental chemical allergens in a local lymph node assay.

Paraquat induces cyclooxygenase-2 (COX-2) implicated toxicity in human neuroblastoma SH-SY5Y cells.

Structural effects of the bioavailable fraction of pesticides in soil: suitability of elutriate testing.

Cytotoxicity and gene array analysis of alveolar epithelial A549 cells exposed to paraquat.

Interactions of environmental stressors impact survival and development of parasitized larval amphibians.

Association of the superoxide dismutase (V16A) and catalase (C262T) genetic polymorphisms with the clinical outcome of patients with acute paraquat intoxication.

A fatal case of paraquat ingestion: clinical course and review of pathophysiology.

[Hypothetical link between endometriosis and xenobiotics-associated genetically modified food].

Calorie restriction reduces oxidative stress by SIRT3-mediated SOD2 activation.

Synergistic effects of environmental risk factors and gene mutations in Parkinson's disease accelerate age-related neurodegeneration.

Rosmarinic acid antagonized 1-methyl-4-phenylpyridinium (MPP⁺)-induced neurotoxicity in MES23.5 dopaminergic cells.

Effects of prenatal exposure to a low dose atrazine metabolite mixture on pubertal timing and prostate development of male Long-Evans rats.

The neuroprotective effect of talipexole from paraquat-induced cell death in dopaminergic neuronal cells.

Variable toxicological response to the loss of OXPHOS through 1-methyl-4-phenylpyridinium-induced mitochondrial damage and anoxia in diverse neural immortal cell lines.

Robust crop resistance to broadleaf and grass herbicides provided by aryloxyalkanoate dioxygenase transgenes.

Relative inhibitory potency of molinate and metabolites with aldehyde dehydrogenase 2: implications for the mechanism of enzyme inhibition.

Modelling effects of diquat under realistic exposure patterns in genetically differentiated populations of the gastropod *Lymnaea stagnalis*.

Molecular mechanisms of pesticide-induced neurotoxicity: Relevance to Parkinson's disease.

[Effects of enalapril on IL-1beta, IL-6 expression in rat lung exposure to acrolein].

[Effects of enalapril on NF-kappaB expression in mucus hypersecretion rats induced by acrolein exposure].

[Effects of acrolein exposure on the expression of Muc5ac in the airway of rats].

[Study on the change of angiotensin II expression in rat lung exposure to acrolein].

Nitric oxide in paraquat-mediated toxicity: A review.

Severe systemic intoxication following triclopyr-TEA ingestion.

A low concentration of atrazine does not influence the acute toxicity of the insecticide terbufos or its breakdown products to *Chironomus tepperi*.

Additive toxicity of herbicide mixtures and comparative sensitivity of tropical benthic microalgae.

Upregulation of peripubertal rat Leydig cell steroidogenesis following 24 h in vitro and in vivo exposure to atrazine.

Glyphosate-surfactant herbicide-induced reversible encephalopathy.

Rasagiline protects against alpha-synuclein induced sensitivity to oxidative stress in dopaminergic cells.

Dose response assessment for effects of acute exposure to methyl isothiocyanate (MITC).

Sensitivity of lamprey ammocoetes to six chemicals.

Transplantation of microbenthic algal assemblages to assess structural and functional recovery after diuron exposure.

Glyphosate-based herbicides produce teratogenic effects on vertebrates by impairing retinoic acid signaling.

Exposure to acrolein by inhalation causes platelet activation.

[Fatal calcium cyanide and ethyl alcohol abuse: Is there an antidote?].

[Clinical analysis of five cases of necrosis of femoral head after acute paraquat poisoning].

[Clinical data analysis of severe acute paraquat poisoning].

[Role of connective tissue growth factor and α -smooth muscle actin in pulmonary fibrosis among acute paraquat poisoned rats].

Exposure to sublethal concentration of glyphosate or atrazine-based herbicides alters the phagocytic function and increases the susceptibility of silver catfish fingerlings (*Rhamdia quelen*) to *Aeromonas hydrophila* challenge.

Effects of Roundup Transorb on fish: hematology, antioxidant defenses and acetylcholinesterase activity.

Characterization of the human HSC20, an unusual DnaJ type III protein, involved in iron-sulfur cluster biogenesis.

Evaluation of single and joint toxic effects of diuron and its main metabolites on natural phototrophic biofilms using a pollution-induced community tolerance (PICT) approach.

[Experimental therapy of penehyclidine hydrochloride on paraquat-induced acute lung injury].

Effect of glutathione administration on serum levels of reactive oxygen metabolites in patients with paraquat intoxication: a pilot study.

Roundup and amphibians: the importance of concentration, application time, and stratification.

Validation test with embryonic and larval stages of *Chordodes nobilii* (Gordiida, Nematomorpha): sensitivity to three reference toxicants.

Impacts of mixtures of herbicides on molecular and physiological responses of the European flounder *Platichthys flesus*.

Role of autophagy in protection afforded by hypoxic preconditioning against MPP⁺-induced neurotoxicity in SH-SY5Y cells.

Acute toxicity of rice paddy herbicides simetryn, mefenacet, and thiobencarb to *Silurana tropicalis* tadpoles.

Identification of PDL-1 as a novel biomarker of sensitizer exposure in dendritic-like cells.

Hydrolysis of benzonitrile herbicides by soil actinobacteria and metabolite toxicity.

Dietary olive oil effect on antioxidant status and fatty acid profile in the erythrocyte of 2,4-D- exposed rats.

Hepatotoxicity induced by sub-acute exposure of rats to 2,4-Dichlorophenoxyacetic acid based herbicide "DÃ©sormone lourde".

Chlorothalonil and 2,4-D losses in surface water discharge from a managed turf watershed.

Toxicity of the herbicide atrazine: effects on lipid peroxidation and activities of antioxidant enzymes in the freshwater fish *Channa punctatus* (Bloch).

Predicting acute complicated glyphosate intoxication in the emergency department.

Acute atrazine exposure disrupts matrix metalloproteinases and retinoid signaling during organ morphogenesis in *Xenopus laevis*.

Repeated pesticide exposure among North Carolina migrant and seasonal farmworkers.

Acute and chronic toxicity of Roundup Weathermax and Ignite 280 SL to larval *Spea multiplicata* and *S. bombifrons* from the Southern High Plains, USA.

Evaluation of side-effects of glyphosate mediated control of giant reed (*Arundo donax*) on the structure and function of a nearby Mediterranean river ecosystem.

Paraquat exposure induces nuclear translocation of glyceraldehyde-3-phosphate dehydrogenase (GAPDH) and the activation of the nitric oxide-GAPDH-Siah cell death cascade.

Involvement of nitric oxide in maneb- and paraquat-induced Parkinson's disease phenotype in mouse: is there any link with lipid peroxidation?

Identifying major pesticides affecting bivalve species exposed to agricultural pollution using multi-biomarker and multivariate methods.

Increased reactive oxygen species production in the brain after repeated low-dose pesticide paraquat exposure in rats. A comparison with peripheral tissues.

Morphological damages of a glyphosate-treated human keratinocyte cell line revealed by a micro- to nanoscale microscopic investigation.

Protective effect of quercetin against paraquat-induced lung injury in rats.

Inhibitory concentrations of 2,4D and its possible intermediates in sulfate reducing biofilms.

[Paraquat lung and monoamine transporter].

[Analysis of factors related to sudden death of patients with acute paraquat poisoning].

Case series of 2,4-D poisoning in Tikur Anbessa Teaching Hospital.

Severe paraquat poisoning: clinical and radiological findings in a survivor.

Systemic contact dermatitis presenting as lichen planus of the lip.

Spectrum of corrosive esophageal injury after intentional paraquat ingestion.

An interesting case of iron deficiency anemia.

A deuterohemin peptide extends lifespan and increases stress resistance in *Caenorhabditis elegans*.

Wastewater treatment plant modeling supported toxicity identification and evaluation of a tank truck cleaning effluent.

Derived Reference Doses (RfDs) for the environmental degradates of the herbicides alachlor and acetochlor: results of an independent expert panel deliberation.

Paraquat and Parkinson's disease.

Self-reported exposure to pesticides in residential settings and risk of breast cancer: a case-control study.

Glucocorticoid with cyclophosphamide for paraquat-induced lung fibrosis.

PO43- dependence of the tolerance of autotrophic and heterotrophic biofilm communities to copper and diuron.

Fatality in paraquat poisoning.

Resveratrol protects human retinal pigment epithelial cells from acrolein-induced damage.

Postmortem distribution of ametryn in the blood and organ tissues of an herbicide-poisoning victim.

Paraquat ingestion: a challenging diagnosis.

The use of epidemiological evidence in the compensation of veterans.

Simvastatin attenuates acrolein-induced mucin production in rats: involvement of the Ras/extracellular signal-regulated kinase pathway.

Immunotoxicity of paraquat after subacute exposure to mice.

Potential role of acrolein in neurodegeneration and in Alzheimer's disease.

The toxic influence of paraquat on hippocampus of mice: involvement of oxidative stress.

Caffeine protects against combined paraquat and maneb-induced dopaminergic neuron degeneration.

Activation of apoptosis signal-regulating kinase 1 is a key factor in paraquat-induced cell death: modulation by the Nrf2/Trx axis.

Acrolein increases 5-lipoxygenase expression in murine macrophages through activation of ERK pathway.

Light modulated toxicity of isoproturon toward natural stream periphyton photosynthesis: a comparison between constant and dynamic light conditions.

Gene transcription in *Daphnia magna*: effects of acute exposure to a carbamate insecticide and an acetanilide herbicide.

Atrazine affects kidney and adrenal hormones (AHs) related genes expressions of rare minnow (*Gobiocypris rarus*).

Peripheral burning sensation: a novel clinical marker of poor prognosis and higher plasma-paraquat concentrations in paraquat poisoning.

Mortality patterns of Army Chemical Corps veterans who were occupationally exposed to herbicides in Vietnam.

Assessment of oxidative stress in *Rhamdia quelen* exposed to agrichemicals.

Spontaneous mutation frequency is elevated in skin of harlequin (hq)/Big Blue mice.

Identifying pesticide use patterns among flower growers to assess occupational exposure to mixtures.

Mitochondrial uncoupling protein-2 (UCP2) mediates leptin protection against MPP⁺ toxicity in neuronal cells.

Lysosomal degradation of alpha-synuclein in vivo.

Effect of 2,4-dichlorophenoxyacetic acid on milk transfer to the litter and prolactin release in lactating rats.

[Thyroid disruption induced by pentachlorophenol].

[Hemoperfusion for treatment of one case of acute paraquat poisoning].

[Rescue and treatment of two cases of acute severe paraquat poisoning].

[Expression of angiotensin converting enzyme and angiotensin converting enzyme 2 gene in lung of paraquat poisoning rats and protection of sodium dimercaptopropane sulfonate].

[Analysis of cardiac toxicity caused by cyclophosphamide in the H9c2 cell line and isolated and perfused rat hearts].

Oral administration of paraquat perturbs immunoglobulin productivity in mouse.

Urethral carcinoma and hyperplasia in male and female B6C3F1 mice treated with 3,3',4,4'-tetrachloroazobenzene (TCAB).

Degradation of bromoxynil and trifluralin in natural water by direct photolysis and UV plus H₂O₂ advanced oxidation process.

Cigarette smoke total particulate matter increases mucous secreting cell numbers in vitro: a potential model of goblet cell hyperplasia.

Increased expression of endothelial iNOS accounts for hyporesponsiveness of pulmonary artery to vasoconstrictors after paraquat poisoning.

Larval responses of three midwestern anurans to chronic, low-dose exposures of four herbicides.

Changes in sperm characteristics and induction of oxidative stress in the testis and epididymis of experimental rats by a herbicide, atrazine.

Transposon insertion in a serine-specific minor tRNA coding sequence affects intraperitoneal survival of Haemophilus influenzae in the infant rat model.

Suppression of ROS generation by 4,4-diaminodiphenylsulfone in non-phagocytic human diploid fibroblasts.

[Relationship between paraquat tissue content and organ injury in paraquat poisoning rats].

[Changes of proteomics in the lung of rats subjected to acrolein inhalation after enalapril administration].

[Changes of proteomics in the injured lung of adult rats subjected to acrolein inhalation].

Effect of 2,4-D and isoproturon on chromosomal disturbances during mitotic division in root tip cells of *Triticum aestivum* L.

Acute human self-poisoning with bispyribac-containing herbicide Nominee: a prospective observational study.

Acrolein induces apoptosis through the death receptor pathway in A549 lung cells: role of p53.

Co-tolerance of phytoplankton communities to photosynthesis II inhibitors.

Effects of sub-chronic exposure to terbutryn in common carp (*Cyprinus carpio* L.).

Intermediate filament carbonylation during acute acrolein toxicity in A549 lung cells: functional consequences, chaperone redistribution, and protection by bisulfite.

Water-Soluble alpha,beta-unsaturated aldehydes of cigarette smoke induce carbonylation of human serum albumin.

Perturbation of lipids and glucose metabolism associated with previous 2,4-D exposure: a cross-sectional study of NHANES III data, 1988-1994.

Involvement of TRPA1 in ET-1-induced pain-like behavior in mice.

Pesticide use and thyroid disease among women in the Agricultural Health Study.

Acrolein consumption induces systemic dyslipidemia and lipoprotein modification.

Toxicity of smoke extracts towards A549 lung cells: role of acrolein and suppression by carbonyl scavengers.

[Rescue and treatment of 18 cases of acute paraquat poisoning].

A prospective observational study of the clinical toxicology of glyphosate-containing herbicides in adults with acute self-poisoning.

Biomonitoring data for 2,4-dichlorophenoxyacetic acid in the United States and Canada: interpretation in a public health risk assessment context using Biomonitoring Equivalents.

Plasma level of malondialdehyde in the cases of acute paraquat intoxication.

Oxidative stress induced by loss of Cu,Zn-superoxide dismutase (SOD1) or superoxide-generating herbicides causes axonal degeneration in mouse DRG cultures.

Synthesis of sphingosine is essential for oxidative stress-induced apoptosis of photoreceptors.

Rg1 protects the MPP⁺-treated MES23.5 cells via attenuating DMT1 up-regulation and cellular iron uptake.

The effects of polyphenols on survival and locomotor activity in *Drosophila melanogaster* exposed to iron and paraquat.

Toxicokinetics and recovery studies of dicamba dimethyl amine salt in goats following single oral administration.

Neuronal elasticity as measured by atomic force microscopy.

Molecular regulations induced by acrolein in neuroblastoma SK-N-SH cells: relevance to Alzheimer's disease.

[Acute poisoning due to chemical substances inducing methemoglobinemia--two cases report].

Neurotoxic in vivo models of Parkinson's disease recent advances.

Rhinitis associated with pesticide use among private pesticide applicators in the agricultural health study.

Modeling and prediction for the acute toxicity of pesticide mixtures to the freshwater luminescent bacterium *Vibrio qinghaiensis* sp.-Q67.

[Clinical research on high-dosage ambroxol hydrochloride associated with ulinastatin in improvement of lung tissue injury of patients with paraquat poisoning].

Confirmed 2,4-dichlorophenoxyacetic acid toxicosis in a dog.

Roundup causes oxidative stress in liver and inhibits acetylcholinesterase in muscle and brain of the fish *Prochilodus lineatus*.

Failed rescue therapy with rapamycin after paraquat intoxication.

NF-kappaB mediates MPP+-induced apoptotic cell death in neuroblastoma cells SH-EP1 through JNK and c-Jun/AP-1.

Cause-specific mortality of Dutch chlorophenoxy herbicide manufacturing workers.

Phytotoxicity of atrazine, isoproturon, and diuron to submersed macrophytes in outdoor mesocosms.

Acetaminophen, via its reactive metabolite N-acetyl-p-benzo-quinoneimine and transient receptor potential ankyrin-1 stimulation, causes neurogenic inflammation in the airways and other tissues in rodents.

Liposomal-glutathione provides maintenance of intracellular glutathione and neuroprotection in mesencephalic neuronal cells.

New approach to study the mechanism of antimicrobial protection of an active packaging.

Environmental damage to the retina and preconditioning: contrasting effects of light and hyperoxic stress.

DJ-1 as a modulator of autophagy: an hypothesis.

Effects of pharmacological agents on the lifespan phenotype of *Drosophila* DJ-1beta mutants.

Effect of zinc and paraquat co-exposure on neurodegeneration: Modulation of oxidative stress and expression of metallothioneins, toxicant responsive and transporter genes in rats.

Correlation between images of silent brain infarction, carotid atherosclerosis and white matter hyperintensity, and plasma levels of acrolein, IL-6 and CRP.

Subanesthetic dose of isoflurane protects against zymosan-induced generalized inflammation and its associated acute lung injury in mice.

Effects of exogenous GSH and methionine on methylation of inorganic arsenic in mice exposed to arsenite through drinking water.

Cytotoxic effect of trans-cinnamaldehyde on human leukemia K562 cells.

Antibiofilm effect of trans-cinnamaldehyde on uropathogenic *Escherichia coli*.

Arsenic trioxide and ascorbic acid demonstrate promising activity against primary human CLL cells in vitro.

Increased levels of 4-hydroxynonenal and acrolein in the brain in preclinical Alzheimer disease.

Insulinotropic effect of cinnamaldehyde on transcriptional regulation of pyruvate kinase, phosphoenolpyruvate carboxykinase, and GLUT4 translocation in experimental diabetic rats.

Modulation of the reaction of vascular smooth muscle cells to angiotensin II induced by catalase and aminotriazol during ischemia-reperfusion.

The cinnamon-derived dietary factor cinnamic aldehyde activates the Nrf2-dependent antioxidant response in human epithelial colon cells.

Lipid peroxidation product acrolein as a predictive biomarker of prostate carcinoma relapse after radical surgery.

Cinnamaldehyde impairs high glucose-induced hypertrophy in renal interstitial fibroblasts.

Impact of smoking and chewing tobacco on arsenic-induced skin lesions.

[Effect of hepatocarcinogenicity of estragole on the glucocorticoid-mediated induction of liver-specific enzymes and the activity of the transcription factors FOXA and HNF4 in the liver of mouse and rat].

Intense correlation between protein-conjugated acrolein and primary Sjögren's syndrome.

Cinnamaldehyde in feedlot cattle diets: intake, growth performance, carcass characteristics, and blood metabolites.

Potential effects of the herbicide Diuron on mammary and urinary bladder two-stage carcinogenesis in a female Swiss mouse model.

Modulation of SCF beta-TrCP-dependent I kappaB alpha ubiquitination by hydrogen peroxide.

Intersex gonads in frogs: understanding the time course of natural development and role of endocrine disruptors.

Toxicity of a serotonin-derived neuromelanin.

Identification of acrolein-conjugated protein in plasma of patients with brain infarction.

±-Synuclein gene may interact with environmental factors in increasing risk of Parkinson's disease.

Role of by-products of lipid oxidation in Alzheimer's disease brain: a focus on acrolein.

Robinetinidol-(4beta-->8)-epigallocatechin 3-O-gallate, a galloyl dimer prorobinetinidin from *Acacia mearnsii* De Wild, effectively protects human neuroblastoma SH-SY5Y cells against acrolein-induced oxidative damage.

Modulation of hydrogen peroxide and acrolein-induced oxidative stress, mitochondrial dysfunctions and redox regulated pathways by the *Bacopa monniera* extract: potential implication in Alzheimer's disease.

Therapeutic effects on murine oral candidiasis by oral administration of cassia (*Cinnamomum cassia*) preparation.

Dihydrochalcones: Implication in resistance to oxidative stress and bioactivities against advanced glycation end-products and vasoconstriction.

Ozone activates airway nerves via the selective stimulation of TRPA1 ion channels.

Dose response to cinnamaldehyde supplementation in growing beef heifers: ruminal and intestinal digestion.

Structural analysis and the effect of cyclo(His-Pro) dipeptide on neurotoxins--a dynamics and density functional theory study.

Effects of repeated seafood consumption on urinary excretion of arsenic species by volunteers.

A mitochondrial superoxide signal triggers increased longevity in *Caenorhabditis elegans*.

Effects of protons and HZE particles on glutamate transport in astrocytes, neurons and mixed cultures.

An h-type thioredoxin functions in tobacco defense responses to two species of viruses and an abiotic oxidative stress.

Gypenosides protects dopaminergic neurons in primary culture against MPP(+)-induced oxidative injury.

Comparison of glutathione peroxidase 1 and peroxiredoxin 6 in protection against oxidative stress in the mouse lung.

Protective effects of the synthetic cannabinoids CP55,940 and JWH-015 on rat brain mitochondria upon paraquat exposure.

The protective role of D-glucose against 1-methyl-4-phenylpyridinium ion (MPP+): induced mitochondrial dysfunction in C6 astroglial cells.

Evidence for the pathophysiological relevance of TRPA1 receptors in the cardiovascular system in vivo.

Uterine FK506-binding protein 52 (FKBP52)-peroxiredoxin-6 (PRDX6) signaling protects pregnancy from overt oxidative stress.

Induction of heme oxygenase-1 by whisky congeners in human endothelial cells.

Association of genetic variation in cystathionine-beta-synthase and arsenic metabolism.

Increasing mitochondrial superoxide dismutase abundance leads to impairments in protein quality control and ROS scavenging systems and to lifespan shortening.

Selective induction of catalase-mediated autophagy by dihydrocapsaicin in lung cell lines.

Paraquat-induced oxidative stress represses phosphatidylinositol 3-kinase activities leading to impaired glucose uptake in 3T3-L1 adipocytes.

JNK3 mediates paraquat- and rotenone-induced dopaminergic neuron death.

SIRT1 promotes proliferation and prevents senescence through targeting LKB1 in primary porcine aortic endothelial cells.

A plant-tissue-based biophotonic method for herbicide sensing.

Prophylactic treatment with *Bacopa monnieri* leaf powder mitigates paraquat-induced oxidative perturbations and lethality in *Drosophila melanogaster*.

Transgenerational memory effect of ageing in *Drosophila*.

Enantioselective degradation in sediment and aquatic toxicity to *Daphnia magna* of the herbicide lactofen enantiomers.

Hydrogen peroxide inhibits exercise-induced increase of circulating stem cells with endothelial progenitor capacity.

Cinnamaldehyde up-regulates the mRNA expression level of TRPV1 receptor potential ion channel protein and its function in primary rat DRG neurons in vitro.

Structural and functional changes in the insulin molecule produced by oxidative stress.

[Prof. Dr. Ivãin Bernãjt (1915-1991)].

Effect of defatted methanolic extract of *Holarrhena floribunda* leaves in sodium arsenite-induced clastogenicity in Wistar albino rats.

The nephrologist as a consultant for acute poisoning: epidemiology of severe poisonings in the State of Rio Grande do Sul and techniques to enhance renal elimination.

Presence of arsenic resistance in *Salmonella enterica* serovar Kentucky and other serovars isolated from poultry.

Occupational neurological disorders in Korea.

[Effects of Î±-lipoic acid and vitamin C on oxidative stress in rat exposed to chronic arsenic toxicity].

Aryl hydrocarbon receptor nuclear translocator in hepatocytes is required for aryl hydrocarbon receptor-mediated adaptive and toxic responses in liver.

Thyroid follicular lesions induced by oral treatment for 2 years with 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like compounds in female Harlan Sprague-Dawley rats.

A novel cell permeant peptide inhibitor of MAPKAP kinase II inhibits intimal hyperplasia in a human saphenous vein organ culture model.

Characterization of developmental neurotoxicity of As, Cd, and Pb mixture: synergistic action of metal mixture in glial and neuronal functions.

Intracellular ROS level is increased in fibroblasts of triple A syndrome patients.

An endogenous aryl hydrocarbon receptor ligand acts on dendritic cells and T cells to suppress experimental autoimmune encephalomyelitis.

Aqueous and ethanolic leaf extracts of *Ocimum basilicum* (sweet basil) protect against sodium arsenite-induced hepatotoxicity in Wistar rats.

Anticonvulsant effect of (E)-2-benzylidene-4-phenyl-1,3-diselenole in a pilocarpine model in mice.

[Inspect aging psoriasis patients minutely! Psoriasis or skin cancer?].

The aryl hydrocarbon receptor-interacting protein (AIP) is required for dioxin-induced hepatotoxicity but not for the induction of the Cyp1a1 and Cyp1a2 genes.

Functional analysis of six human aryl hydrocarbon receptor variants in human breast cancer and mouse hepatoma cell lines.

Dioxin toxicity in vivo results from an increase in the dioxin-independent transcriptional activity of the aryl hydrocarbon receptor.

Tyrosine sulfation of the amino terminus of PSGL-1 is critical for enterovirus 71 infection.

Breast cancer stem-like cells are inhibited by a non-toxic aryl hydrocarbon receptor agonist.

Toxicology and carcinogenesis studies of 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (CAS No. 31508-00-6) in female harlan Sprague-Dawley rats (gavage studies).

Embryonic Wnt gene expression in the nitrofen-induced hypoplastic lung using 3-dimensional imaging.

Iron pill-induced tumefactive mucosal injury of the hypopharynx.

A case of black urine and dark skin - cresol poisoning.

Interrelationship between exposure to PCDD/Fs and hypertension in metabolic syndrome in Taiwanese living near a highly contaminated area.

Recruitment maneuver in experimental acute lung injury: the role of alveolar collapse and edema.

A single prenatal exposure to the endocrine disruptor 2,3,7,8-tetrachlorodibenzo-p-dioxin alters developmental myelination and remyelination potential in the rat brain.

TCDD induced pericardial edema and relative COX-2 expression in medaka (*Oryzias Latipes*) embryos.

NMR-based metabonomic analysis of the hepatotoxicity induced by combined exposure to PCBs and TCDD in rats.

Toxicogenomic analysis of exposure to TCDD, PCB126 and PCB153: identification of genomic biomarkers of exposure to AhR ligands.

hsa-miR-191 is a candidate oncogene target for hepatocellular carcinoma therapy.

The activated aryl hydrocarbon receptor synergizes mitogen-induced murine liver hyperplasia.

Long-lasting effects of chemical hypoxia on spinal cord function in tadpoles.

Arsenic-induced cell proliferation is associated with enhanced ROS generation, Erk signaling and CyclinA expression.

[Establishment of an erythroleukemia model in CB6F1 mice by transplant with haploidentical mouse leukemic cell line FBL-3].

Connective tissue growth factor expression pattern in lung development.

Clinical, pathologic, and ultrastructural studies of progressive macular hypomelanosis.

Abnormal platelet-derived growth factor signaling accounting for lung hypoplasia in experimental congenital diaphragmatic hernia.

Home intervention improves cognitive and social-emotional scores in iron-deficient anemic infants.

Lymphocyte-based determination of susceptibility to malignant hyperthermia: a pilot study in swine.

Field scale evaluation of volatile organic compound production inside biosecure swine mortality composts.

Cytochrome P4501A1 is required for vascular dysfunction and hypertension induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Dioxins, the aryl hydrocarbon receptor and the central regulation of energy balance.

Prenatal retinoic acid upregulates pulmonary gene expression of PI3K and AKT in nitrofen-induced pulmonary hypoplasia.

Short course pre-operative ferrous sulphate supplementation--is it worthwhile in patients with colorectal cancer?

The Drosophila vesicular monoamine transporter reduces pesticide-induced loss of dopaminergic neurons.

Facile synthesis of carbon-11-labeled cholesterol-based cationic lipids as new potential PET probes for imaging of gene delivery in cancer.

Strepsils® tablets reduce sore throat and hoarseness after tracheal intubation.

Food safety.

Identification and investigation of mitochondria lacking cytochrome c oxidase activity in axons.

Mutant Parkin impairs mitochondrial function and morphology in human fibroblasts.

[Effect of ambroxol on lung development of rat models with nitrofen-induced congenital diaphragmatic hernia].

Heart tissue of harlequin (hq)/Big Blue mice has elevated reactive oxygen species without significant impact on the frequency and nature of point mutations in nuclear DNA.

Anti-mutagenic and pro-apoptotic effects of apigenin on human chronic lymphocytic leukemia cells.

Manipulating tumor acidification as a cancer treatment strategy.

Environmental and familial risk factors of Parkinsons disease: case-control study.

[Uremic toxins: the case of protein-bound compounds].

A survey of phytotoxic microbial and plant metabolites as potential natural products for pest management.

Reduction of cutaneous photosensitivity by application of ointment containing ferrous or cobaltous ions concomitant with the use of topical protoporphyrin IX precursors.

HET-CAM test for determining the possible eye irritancy of pesticides.

The novel role of fenofibrate in preventing nicotine- and sodium arsenite-induced vascular endothelial dysfunction in the rat.

A prospective randomized, controlled trial of intravenous versus oral iron for moderate iron deficiency anaemia of pregnancy.

Non-dioxin-like polychlorinated biphenyls and risk of endometriosis.

Protective role of tannin-rich fraction of *Camellia sinensis* in tissue arsenic burden in Sprague Dawley rats.

Sodium azide-associated laryngospasm after air bag deployment.

[The preliminary study on transforming growth factor-beta 3, activin receptor-like kinase 5 expression in 2, 3, 7, 8-tetrachloro-p-dibenzodioxin and dexamethasone induced palatal cleft in mice].

Antenatal steroid and tracheal occlusion restore vascular endothelial growth factor receptors in congenital diaphragmatic hernia rat model.

alpha-Synuclein- and MPTP-generated rodent models of Parkinson's disease and the study of extracellular striatal dopamine dynamics: a microdialysis approach.

Chloracne: still cause for concern.

'Fatal 2,4-dinitrophenol poisoning... coming to a hospital near you'.

Aryl hydrocarbon receptor activation reduces dendritic cell function during influenza virus infection.

Early onset of neurological symptoms in fragile X premutation carriers exposed to neurotoxins.

Serum levels of total p-cresylsulphate are associated with angiographic coronary atherosclerosis severity in stable angina patients with early stage of renal failure.

Does polyamine oxidase activity influence the oxidative metabolism of children who suffer of diabetes mellitus?

Assisted ventilation modes reduce the expression of lung inflammatory and fibrogenic mediators in a model of mild acute lung injury.

A novel role for the dioxin receptor in fatty acid metabolism and hepatic steatosis.

Activation of the aryl hydrocarbon receptor pathway may ameliorate dextran sodium sulfate-induced colitis in mice.

Serological cardiovascular and mortality risk predictors in dialysis patients receiving sevelamer: a prospective study.

[Diagnosis and treatment of iron deficiency without anaemia].

Arsenic antagonizes the Hedgehog pathway by preventing ciliary accumulation and reducing stability of the Gli2 transcriptional effector.

Elevated soluble transferrin receptor levels reflect increased erythropoietic drive rather than iron deficiency in pediatric sickle cell disease.

Iron deficiency induces changes in riboflavin secretion and the mitochondrial electron transport chain in hairy roots of *Hyoscyamus albus*.

Arsenic abrogates the estrogen-signaling pathway in the rat uterus.

Trait stacking in transgenic crops: challenges and opportunities.

[Chronic exposure to organochlorine compounds and health effects in adults: cancer, non-Hodgkin lymphoma. Review of literature].

Sub-chronic arsenic exposure aggravates nephrotoxicity in experimental diabetic rats.

Copper sulphate toxicity in a young male complicated by methemoglobinemia, rhabdomyolysis and renal failure.

Gene expression analysis in hypoplastic lungs in the nitrofen model of congenital diaphragmatic hernia.

Pesticide use and myocardial infarction incidence among farm women in the agricultural health study.

Polychlorinated dibenzofurans as a causal agent of fetal Yusho.

p-Cresol and cardiovascular risk in mild-to-moderate kidney disease.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) reverses hyperglycemia in a type II diabetes mellitus rat model by a mechanism unrelated to PPAR gamma.

Factors associated with blood concentrations of indoxyl sulfate and p-cresol in patients undergoing peritoneal dialysis.

Functional properties of RYR1 mutations identified in Swedish patients with malignant hyperthermia and central core disease.

Quantitative and statistical analysis of differences in sensitivity between Long-Evans and Han/Wistar rats following long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

A pharmacokinetic and safety study of intravenous arsenic trioxide in adult cancer patients with renal impairment.

p52-Bcl3 complex promotes cyclin D1 expression in BEAS-2B cells in response to low concentration arsenite.

Metabolomic analysis of uremic toxins by liquid chromatography/electrospray ionization-tandem mass spectrometry.

Quercetin in vesicular delivery systems: evaluation in combating arsenic-induced acute liver toxicity associated gene expression in rat model.

Developmental exposure to polychlorinated biphenyls 52, 138 or 180 affects differentially learning or motor coordination in adult rats. Mechanisms involved.

Arsenite induces oxidative injury in rat brain: synergistic effect of iron.

Insulinlike growth factor receptor type 1 and type 2 are downregulated in the nitrofen-induced hypoplastic lung.

Metam sodium reduces viability and infectivity of Eimeria oocysts.

Malaria, Plasmodium falciparum and its apicoplast.

All the wrong moves: a clinical review of restless legs syndrome, periodic limb movements of sleep and wake, and periodic limb movement disorder.

Angiosarcoma: clinical and molecular insights.

Withdrawal symptoms after gabapentin discontinuation.

Functional studies of RYR1 mutations in the skeletal muscle ryanodine receptor using human RYR1 complementary DNA.

Toxicity of Bromkal 70-5DE, a technical mixture of polybrominated diphenyl ethers, following 28 d of oral exposure in rats and impact of analysed impurities.

Lactoferrin efficacy versus ferrous sulfate in curing iron deficiency and iron deficiency anemia in pregnant women.

Interpretation of studies on the developmental reproductive toxicology of 2,3,7,8-tetrachlorodibenzo-p-dioxin in male offspring.

Decrease in dietary K intake stimulates the generation of superoxide anions in the kidney and inhibits K secretory channels in the CCD.

2,3,7,8-tetrachlorodibenzo-p-dioxin impairs an insulin signaling pathway through the induction of tumor necrosis factor-alpha in adipocytes.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin suggests abnormal palate development after palatal fusion.

Reversible mitochondrial uncoupling in the cold phase during liver preservation/reperfusion reduces oxidative injury in the rat model.

A stochastic whole-body physiologically based pharmacokinetic model to assess the impact of inter-individual variability on tissue dosimetry over the human lifespan.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces disruption of glands of the prostate and fibrosis in rhesus monkeys.

Once weekly low-dose iron supplementation effectively improved iron status in adolescent girls.

Hepatoprotective effects of apple polyphenols on CCl₄-induced acute liver damage in mice.

Deciphering diseases and biological targets for environmental chemicals using toxicogenomics networks.

Development of a selective modulator of aryl hydrocarbon (Ah) receptor activity that exhibits anti-inflammatory properties.

The availability of toxicological analyses for poisoned patients in Ireland.

The effect of in vitro tracheal occlusion on branching morphogenesis in fetal lung explants from the rat nitrofen model of congenital diaphragmatic hernia.

Increased exposure to dioxin-like compounds is associated with endometriosis in a case-control study in women.

New method for quantification of *Trypanosoma cruzi* in animal's tissue in the chronic phase of experimental Chagas' disease.

Progesterone receptor membrane component 1 (Pgrmc1): a heme-1 domain protein that promotes tumorigenesis and is inhibited by a small molecule.

Arsenic-induced myocardial injury: protective role of *Corchorus olitorius* leaves.

2,4-Dinitrophenol blocks neurodegeneration and preserves sciatic nerve function after trauma.

Disruption of CLOCK-BMAL1 transcriptional activity is responsible for aryl hydrocarbon receptor-mediated regulation of Period1 gene.

OECD validation of phase-3 Hershberger assay using the stimulated weanling male rat in Korea.

Incidence and risk factors for the development of anemia following gastric bypass surgery.

Complex gene-chemical interactions: hepatic uroporphyrin as a paradigm.

The role of calcium in modulating the reactivity of the smooth muscle cells during ischemia/reperfusion. Part 2.

Differential regulation of the dioxin-induced Cyp1a1 and Cyp1b1 genes in mouse hepatoma and fibroblast cell lines.

Dietary administration of sodium arsenite to rats: relations between dose and urinary concentrations of methylated and thio-metabolites and effects on the rat urinary bladder epithelium.

5-FU for genital warts in non-immunocompromised individuals.

Enhancement of TAT cell membrane penetration efficiency by dimethyl sulphoxide.

[Tungiasis in native Amerindians in VaupÃ©s province: epidemiology, clinical aspects, treatment, and prevention].

Randomized controlled trial of iron-fortified drinking water in preschool children.

Lactoferrin efficacy versus ferrous sulfate in curing iron disorders in pregnant and non-pregnant women.

Developmental profile in children with iron deficiency anemia and its changes after therapeutic iron supplementation.

Dioxin-like PCBs and endometriosis.

Adverse effects of drugs on the esophagus.

Expression and function of phosphodiesterases in nitrofen-induced congenital diaphragmatic hernia in rats.

In vitro inhibition of low density lipoprotein carbamylation by vitamins, as an ameliorating atherosclerotic risk in uremic patients.

Is there a role for antioxidants in prevention of pulmonary hypoplasia in nitrofen-induced rat model of congenital diaphragmatic hernia?

Temporal and anatomical sensitivities to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin leading to premature acyclicity with age in rats.

Suppression of experimental autoimmune uveoretinitis by inducing differentiation of regulatory T cells via activation of aryl hydrocarbon receptor.

HBx targeting to mitochondria and ROS generation are necessary but insufficient for HBV-induced cyclooxygenase-2 expression.

Free p-cresylsulphate is a predictor of mortality in patients at different stages of chronic kidney disease.

Revised recommendations for iron fortification of wheat flour and an evaluation of the expected impact of current national wheat flour fortification programs.

Antioxidant, antimutagenic, and antidiabetic activities of edible leaves from *Cnidocolus chayamansa* Mc. Vaugh.

Octatropine methyl bromide and diazepam combination (Valpinax) in patients with irritable bowel syndrome: a multicentre, randomized, placebo-controlled trial.

Out-of-hospital cardiac arrest caused by acute intoxication.

[Chemical contamination of the environment and development of allergic and autoimmune diseases].

Iron deficiency anemia in the pediatric emergency department.

Environmental toxins and Parkinson's disease: putative roles of impaired electron transport chain and oxidative stress.

Serum dioxin concentrations and time to pregnancy.

Motor neurone disease - a methyl bromide exposure cluster points to a causal mechanism.

Ischemia induces regulator of G protein signaling 2 (RGS2) protein upregulation and enhances apoptosis in astrocytes.

Stabilization of transcription factor Nrf2 by tBHQ prevents oxidative stress-induced amyloid beta formation in NT2N neurons.

Nonheme-iron absorption in first-degree relatives is highly correlated: a stable-isotope study in mother-child pairs.

Comparative contribution of the aryl hydrocarbon receptor gene to perinatal stage development and dioxin-induced toxicity between the urogenital complex and testis in the mouse.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on scratching behavior in mice.

Maintenance of elevated versus physiological iron indices in non-anaemic patients with chronic kidney disease: a randomized controlled trial.

Speciation of arsenic trioxide penetrates into cerebrospinal fluid in patients with acute promyelocytic leukemia.

Animal poisoning in Europe. Part 2: Companion animals.

Chronic diseases and early exposure to airborne mixtures: Part III. Potential origin of pre-menopausal breast cancers.

AHR activation by tryptophan--pathogenic hallmark of Th17-mediated inflammation in eosinophilic fasciitis, eosinophilia-myalgia-syndrome and toxic oil syndrome?

beta-TrCP inhibition reduces prostate cancer cell growth via upregulation of the aryl hydrocarbon receptor.

[A case of severe bronchial mucosal injury caused by iron pill aspiration].

Features and prognostic factors for elderly with acute poisoning in the emergency department.

Deliberate poisoning with dinitrophenol (DNP): an unlicensed weight loss pill.

Spatiotemporal alteration in phosphatidylinositide 3-kinase-serine/threonine protein kinase B signaling in the nitrofen-induced hypoplastic lung.

Bronchopulmonary innervation defects in infants and rats with congenital diaphragmatic hernia.

Iron supplementation for anemia after hip fracture surgery: a randomized trial of 300 patients.

Albumin as an adjunct to tracheal occlusion in fetal rats with congenital diaphragmatic hernia: a placebo-controlled study.

Androgenic regulation of ventral epithelial bud number and pattern in mouse urogenital sinus.

Expression of CXCL10 in cultured cortical neurons.

Ground-glass-like hepatocellular inclusions in the course of adult-onset Still's disease.

Activation of the aryl hydrocarbon receptor pathway enhances cancer cell invasion by upregulating the MMP expression and is associated with poor prognosis in upper urinary tract urothelial cancer.

In vitro studies with 'acatalasemic-like' erythrocytes and hydrogen peroxide: attention to the formation of lysis resistant erythrocytes.

PINK1 polymorphism IVS1-7 A-->G, exposure to environmental risk factors and anticipation of disease onset in Brazilian patients with early-onset Parkinson's Disease.

Ischemia-activated microglia induces neuronal injury via activation of gp91phox NADPH oxidase.

Proteomic remodelling of mitochondrial oxidative pathways in pressure overload-induced heart failure.

Increased levels of total P-Cresylsulphate and indoxyl sulphate are associated with coronary artery disease in patients with diabetic nephropathy.

[Neurodevelopmental disorders in response to hormonally active environmental pollutants].

Anti-mutagenic and anti-carcinogenic potential of the carotenoid meso-zeaxanthin.

A combination of iron and retinol supplementation benefits iron status, IL-2 level and lymphocyte proliferation in anemic pregnant women.

Inhibitory effects of uraemic toxins 3-indoxyl sulfate and p-cresol on losartan metabolism in vitro.

Difructose anhydride III enhances bioavailability of water-insoluble iron in anemic Vietnamese women.

Efficacy and safety of ferric carboxymaltose in correcting iron-deficiency anemia: a review of randomized controlled trials across different indications.

The biological basis of autism spectrum disorders: Understanding causation and treatment by clinical geneticists.

Indian spice curcumin may be an effective strategy to combat the genotoxicity of arsenic in Swiss albino mice.

Histopathological evaluation of root canal filling materials for primary teeth.

Managing nematodes without methyl bromide.

Effect of eradication of Helicobacter pylori and iron supplementation on the iron status of children with iron deficiency.

The effect of TCDD dioxin on the rat liver in biochemical and histological assessment.

[Risk factors for Parkinson disease: an epidemiologic study].

Pseudomelanosis of the stomach.

Dioxin and immune regulation: emerging role of aryl hydrocarbon receptor in the generation of regulatory T cells.

The involvement of hypophyseal-gonadal and hypophyseal-adrenal axes in arsenic-mediated ovarian and uterine toxicity: modulation by hCG.

Dioxin and endometrial progesterone resistance.

Receptor- and reactive intermediate-mediated mechanisms of teratogenesis.

The absence of interleukin-6 enhanced arsenite-induced renal injury by promoting autophagy of tubular epithelial cells with aberrant extracellular signal-regulated kinase activation.

Identification of bacteria enduring endodontic treatment procedures by a combined reverse transcriptase-polymerase chain reaction and reverse-capture checkerboard approach.

Bidirectional correlation of NMR and capillary electrophoresis fingerprints: a new approach to investigating *Schistosoma mansoni* infection in a mouse model.

Prevalence of orthorexia among medical students in Erzurum, Turkey.

Chemical target and pathway toxicity mechanisms defined in primary human cell systems.

Disturbance of parathyroid hormone-related protein signaling in the nitrofen-induced hypoplastic lung.

Microscopic magnetic resonance in congenital diaphragmatic hernia and associated malformations in rats.

Upregulation of endothelin receptors A and B in the nitrofen induced hypoplastic lung occurs early in gestation.

Downregulation of insulin-like growth factor binding protein 3 and 5 in nitrofen-induced pulmonary hypoplasia.

Neuroprotective effect of s-methylisothiourrea in transient focal cerebral ischemia in rat.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits fibroblast growth factor 10-induced prostatic bud formation in mouse urogenital sinus.

Protein-bound uraemic toxin removal in haemodialysis and post-dilution haemodiafiltration.

Early development of the primordial mammalian diaphragm and cellular mechanisms of nitrofen-induced congenital diaphragmatic hernia.

Laboratory scale evaluation of volatile organic compound emissions as indication of swine carcass degradation inside biosecure composting units.

p-Cresyl sulfate serum concentrations in haemodialysis patients are reduced by the prebiotic oligofructose-enriched inulin.

The safety and efficacy of continuous transcranial duplex Doppler monitoring of middle cerebral artery occlusion in acute stroke patients: comparison of TCDD and thrombolysis in MCA recanalization.

Assessment of the cytotoxicity and genotoxicity of haloacetic acids using microplate-based cytotoxicity test and CHO/HGPRT gene mutation assay.

Identification of the aryl hydrocarbon receptor target gene TiPARP as a mediator of suppression of hepatic gluconeogenesis by 2,3,7,8-tetrachlorodibenzo-p-dioxin and of nicotinamide as a corrective agent for this effect.

Evidence supporting a role for N-(3-formyl-3,4-dehydropiperidino)lysine accumulation in Müller glia dysfunction and death in diabetic retinopathy.

The malondialdehyde-derived fluorophore DHP-lysine is a potent sensitizer of UVA-induced photooxidative stress in human skin cells.

Dioxins and human toxicity.

Recombinant self-assembling peptides as biomaterials for tissue engineering.

Effect of intracellular photosensitized singlet oxygen production on the electrophysiological properties of cultured rat hippocampal neurons.

Association of the novel non-AT1, non-AT2 angiotensin binding site with neuronal cell death.

Effects of the compounds MV8608 and MV8612 obtained from *Mandevilla velutina* in the model of hemorrhagic cystitis induced by cyclophosphamide in rats.

Tissue-engineered conduit using urine-derived stem cells seeded bacterial cellulose polymer in urinary reconstruction and diversion.

Metals, oxidative stress and neurodegenerative disorders.

Numerical variations and spontaneous malformations in the early embryos of the Korean salamander, *Hynobius leechii*, in the farmlands of Korea.

Transcriptional regulation of ferritin and antioxidant genes by HIPK2 under genotoxic stress.

Evaluation of a bioluminescent mouse model expressing aromatase PII-promoter-controlled luciferase as a tool for the study of endocrine disrupting chemicals.

Injury and differentiation following inhibition of mitochondrial respiratory chain complex IV in rat oligodendrocytes.

The role of pramipexole in a severe Parkinson's disease model in mice.

Metabolic stress-induced programmed cell death in *Xanthomonas*.

Accumulation of current-use and organochlorine pesticides in crab embryos from northern California, USA.

Expression of pax6 and sox2 in adult olfactory epithelium.

Development of an acellular bioengineered matrix with a dominant vascular pedicle.

In vivo alternative assessment of the chemicals that interfere with anterior pituitary POMC expression and interrenal steroidogenesis in POMC: EGFP transgenic zebrafish.

2,3,7,8-Tetrachlorodibenzo-p-dioxin impairs stable establishment of oral tolerance in mice.

Discriminating between different acute chemical toxicities via changes in the daphnid metabolome.

Automated dose-response analysis and comparative toxicogenomic evaluation of the hepatic effects elicited by TCDD, TCDF, and PCB126 in C57BL/6 mice.

Chronic exposure to low levels of inorganic arsenic causes alterations in locomotor activity and in the expression of dopaminergic and antioxidant systems in the albino rat.

Role of dietary GSH in the amelioration of sodium arsenite-induced ovarian and uterine disorders.

Species-specific differential AhR expression protects human neural progenitor cells against developmental neurotoxicity of PAHs.

Serum protein-bound uraemic toxins and clinical outcomes in haemodialysis patients.

Acute toxicity of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) in male Sprague-Dawley rats: effects on hepatic oxidative stress, glutathione and metals status.

Dig1 protects against cell death provoked by glyphosate-based herbicides in human liver cell lines.

Alkylation of the tumor suppressor PTEN activates Akt and β -catenin signaling: a mechanism linking inflammation and oxidative stress with cancer.

Quantitative measurement of Ca^{2+} in the sarcoplasmic reticulum lumen of mammalian skeletal muscle.

Debate on GMOs health risks after statistical findings in regulatory tests.

Intravenous lipid emulsion in clinical toxicology.

[Intervention effect of dimercaptopropansulfonate sodium on central toxic induced by bromoxynil in vivo].

Mammalian cell cytotoxicity and genotoxicity of the haloacetic acids, a major class of drinking water disinfection by-products.

Radiosynthesis of the candidate beta-amyloid radioligand [^{11}C]AZD2184: Positron emission tomography examination and metabolite analysis in cynomolgus monkeys.

Use of live imaging analysis for evaluation of cytotoxic chemicals that induce apoptotic cell death.

Incorporating human dosimetry and exposure into high-throughput in vitro toxicity screening.

Interaction between beet vinasse and iron fertilisers in the prevention of iron deficiency in lupins.

Evaluation of the genotoxicity of 10 selected dietary/environmental compounds with the in vitro micronucleus cytokinesis-block assay in an interlaboratory comparison.

Matrix metalloproteinase-9 and -2 expression in the olfactory bulb following methyl bromide gas exposure.

The defensive effect of benfotiamine in sodium arsenite-induced experimental vascular endothelial dysfunction.

Transcription of the Epstein-Barr virus lytic cycle activator BZLF-1 during oxidative stress induction.

Stress inducible heat shock protein 70: a potent molecular and toxicological signature in arsenic exposed broiler chickens.

Respiration-dependent H₂O₂ removal in brain mitochondria via the thioredoxin/peroxiredoxin system.

A system-level investigation into the cellular toxic response mechanism mediated by AhR signal transduction pathway.

Arsenic induces apoptosis of human umbilical vein endothelial cells through mitochondrial pathways.

Outcomes after radical prostatectomy among men who are candidates for active surveillance: results from the SEARCH database.

Regulation of the human CHOP gene promoter by the stress response transcription factor ATF5 via the AARE1 site in human hepatoma HepG2 cells.

Cytoprotective effects of silymarin on epithelial cells against arsenic-induced apoptosis in contrast with quercetin cytotoxicity.

Gene expression profile and cytotoxicity of human bronchial epithelial cells exposed to crotonaldehyde.

Inhibition of connexin 43 gap junction channels by the endocrine disruptor ioxynil.

A study of neurologic symptoms on exposure to organophosphate pesticides in the children of agricultural workers.

Genomic indicators in the blood predict drug-induced liver injury.

Complex phenotypes of a mutant inactivated for CymR, the global regulator of cysteine metabolism in *Bacillus subtilis*.

Mitochondrial depolarization underlies delay in permeability transition by preconditioning with isoflurane: roles of ROS and Ca²⁺.

Aldehyde dehydrogenase 2 knockout accentuates ethanol-induced cardiac depression: role of protein phosphatases.

Involvements of the lipid peroxidation product, HNE, in the pathogenesis and progression of Alzheimer's disease.

Deletion of the mitochondrial NADH kinase increases mitochondrial DNA stability and life span in the filamentous fungus *Podospora anserina*.

Expression profile of rat hippocampal neurons treated with the neuroprotective compound 2,4-dinitrophenol: up-regulation of cAMP signaling genes.

Acute copper supplementation does not inhibit non-heme iron bioavailability in humans.

Risk Assessment Methods for the Ringspot Pathogen *Mycosphaerella brassicicola* in Vegetable Brassica Crops.

Sensory detection and responses to toxic gases: mechanisms, health effects, and countermeasures.

Conserved structure of the chloroplast-DNA encoded D1 protein is essential for effective photoprotection via non-photochemical thermal dissipation in higher plants.

Lipid peroxidation-derived reactive aldehydes directly and differentially impair spinal cord and brain mitochondrial function.

Impacts of stage-specific acute pesticide exposure on predicted population structure of the soft-shell clam, *Mya arenaria*.

Toxicity of sodium arsenite in the gill of an economically important mollusc of India.

Association between As and Cu renal cortex accumulation and physiological and histological alterations after chronic arsenic intake.

Arsenic species, AS3MT amount, and AS3MT gene expression in different brain regions of mouse exposed to arsenite.

Enhanced translocation of bacteria across metabolically stressed epithelia is reduced by butyrate.

Mutagenic and antimutagenic effects of hexane extract of some *Astragalus* species grown in the eastern Anatolia region of Turkey.

A case of toxic epidermal necrolysis (ten) with severe chronic ocular complications in a healthy 46-year-old woman.

Methyl iodide poisoning presenting as a mimic of acute stroke: a case report.

Preliminary biochemical characterization of the novel, non-AT1, non-AT2 angiotensin binding site from the rat brain.

Nitrofen induces apoptosis independently of retinaldehyde dehydrogenase (RALDH) inhibition.

Stabilization of flux during dead-end ultra-low pressure ultrafiltration.

Multiple protective functions of catalase against intercellular apoptosis-inducing ROS signaling of human tumor cells.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptosis in neural growth factor (NGF)-differentiated pheochromocytoma PC12 cells.

Metabolic correlations of glucocorticoids and polyamines in inflammation and apoptosis.

Inhibition of poly (ADP-Ribose) polymerase-1 in telomerase deficient mouse embryonic fibroblasts increases arsenite-induced genome instability.

Effects of folate on arsenic toxicity in Chang human hepatocytes: involvement of folate antioxidant properties.

2,3,7,8-tetrachlorodibenzo-p-dioxin increases reactive oxygen species production in human endothelial cells via induction of cytochrome P4501A1.

Dynamic zebrafish interactome reveals transcriptional mechanisms of dioxin toxicity.

Transient receptor potential channels as novel drug targets in respiratory diseases.

Anti-androgenic endocrine disrupting activities of chlorpyrifos and piperophos.

Effect of endocrine disrupting chemicals on the transcription of genes related to the innate immune system in the early developmental stage of zebrafish (*Danio rerio*).

Dioxin exposure disrupts the differentiation of mouse embryonic stem cells into cardiomyocytes.

Local maximum oxygen disappearance rate has limited utility as a measure of local renal tissue oxygen consumption.

The environmental toxicant 2,3,7,8-tetrachlorodibenzo-p-dioxin disturbs the establishment and maintenance of cell polarity in preimplantation rat embryos.

Changes in toxicity and dioxin-like activity of sediments from the Tiet  River (S o Paulo, Brazil).

Aryl hydrocarbon receptor (AHR)-regulated transcriptomic changes in rats sensitive or resistant to major dioxin toxicities.

Acetic acid bacterial lipids improve cognitive function in dementia model rats.

Effect of rosiglitazone in sodium arsenite-induced experimental vascular endothelial dysfunction.

A remarkable new target gene for the dioxin receptor: The Vav3 proto-oncogene links AhR to adhesion and migration.

Induction of GST-P-positive proliferative lesions facilitating lipid peroxidation with possible involvement of transferrin receptor up-regulation and ceruloplasmin down-regulation from the early stage of liver tumor promotion in rats.

Implication of oxidative stress as a cause of autoimmune hemolytic anemia in NZB mice.

The chironomid acute toxicity test: development of a new test system.

Intravital fluorescent microscopic evaluation of bacterial cellulose as scaffold for vascular grafts.

A critical role of SNF1A/dAMPKalpha (*Drosophila* AMP-activated protein kinase alpha) in muscle on longevity and stress resistance in *Drosophila melanogaster*.

The aryl hydrocarbon receptor has an important role in the regulation of hematopoiesis: implications for benzene-induced hematopoietic toxicity.

Imaging dermal blood flow through the intact rat skin with an optical clearing method.

Spatial variation in ambient air toxics concentrations and health risks between industrial-influenced, urban, and rural sites.

Effect of paraquat-induced oxidative stress on insulin regulation of insulin-like growth factor-binding protein-1 gene expression.

Development of TEFs for PCB congeners by using an alternative biomarker--thyroid hormone levels.

The involvement of lipid peroxide-derived aldehydes in aluminum toxicity of tobacco roots.

Traditional reactive carbonyl scavengers do not prevent the carbonylation of brain proteins induced by acute glutathione depletion.

Toxicity of selected pesticides to freshwater shrimp, *Paratya australiensis* (Decapoda: Atyidae): use of time series acute toxicity data to predict chronic lethality.

Blueberry fruit polyphenolics suppress oxidative stress-induced skeletal muscle cell damage in vitro.

High frequency of fumigants and other toxic gases in imported freight containers--an underestimated occupational and community health risk.

[Protective effects of Aloe vera extract on mitochondria of neuronal cells and rat brain].

Programmed cell death in plants: protective effect of phenolic compounds against chitosan and H₂O₂.

High-resolution imaging of brain 5-HT 1B receptors in the rhesus monkey using [¹¹C]P943.

Arylhydrocarbon receptor activation in NCI-H441 cells and C57BL/6 mice: possible mechanisms for lung dysfunction.

Chitosan nanoparticle-based neuronal membrane sealing and neuroprotection following acrolein-induced cell injury.

Enhanced metallothionein gene expression induced by mitochondrial oxidative stress is reduced in phospholipid hydroperoxide glutathione peroxidase-overexpressed cells.

Historical perspective of pesticide poisoning in Japan and measures taken by the Japanese association of rural medicine.

Expression of heat shock protein 70 in lung tissues of acute paraquat poisoned rats and intervention of ulinastatin.

Neurotoxic effect of the herbicide paraquat on ascidian larvae.

Suicide by pesticide poisoning: findings from the island of Crete, Greece.

Rat aldose reductase-like protein (AKR1B14) efficiently reduces the lipid peroxidation product 4-oxo-2-nonenal.

Effects of growth hormone and insulin-like growth factor-I on the iron-induced lipid peroxidation in the rat liver and porcine thyroid homogenates.

Effect of continuous ingestion of acetic Acid bacteria on memory retention and the synaptic function in aged rats.

Induction of CMV-1 promoter by 4-hydroxy-2-nonenal in human embryonic kidney cells.

Surfactant effects on skin absorption of model organic chemicals: implications for dermal risk assessment studies.

Comparison of carcinogen, carbon monoxide, and ultrafine particle emissions from narghile waterpipe and cigarette smoking: Sidestream smoke measurements and assessment of second-hand smoke emission factors.

Exposure to 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin and tetraethyl lead affects lung mitochondria bioenergetics.

Chloroplast and reactive oxygen species involvement in apoptotic-like programmed cell death in *Arabidopsis* suspension cultures.

Pyrroloquinoline quinone stimulates mitochondrial biogenesis through cAMP response element-binding protein phosphorylation and increased PGC-1 α expression.

Effect of the inosine 5'-monophosphate dehydrogenase inhibitor BMS-566419 on rat cardiac allograft rejection.

Distinct regulation of insulin receptor substrate-1 and -2 by 90-kDa heat-shock protein in adrenal chromaffin cells.

Lipid oxidation and peroxidation in CNS health and disease: from molecular mechanisms to therapeutic opportunities.

Interferon-gamma deficiency modifies the motor and co-morbid behavioral pathology and neurochemical changes provoked by the pesticide paraquat.

Paraquat activates the IRE1/ASK1/JNK cascade associated with apoptosis in human neuroblastoma SH-SY5Y cells.

[Effects of prenatal exposure to paraquat on the development of amino acid synaptic transmission in mouse cerebral parietal cortex].

The role of T cells in the regulation of acrolein-induced pulmonary inflammation and epithelial-cell pathology.

Toxicity of agricultural chemicals in *Daphnia magna*.

Successful treatment of paraquat poisoning by Xuebijing, an injection concocted from multiple Chinese medicinal herbs: a case report.

Paraquat (PQ)-induced pulmonary fibrosis increases exercise metabolic cost, reducing aerobic performance in rats.

Simultaneous quantification of 1,N2-propano-2'-deoxyguanosine adducts derived from acrolein and crotonaldehyde in human placenta and leukocytes by isotope dilution nanoflow LC nanospray ionization tandem mass spectrometry.

Excessive longitudinal FEV1 decline and risks to future health: a case-control study.

Acrolein scavenging: a potential novel mechanism of attenuating oxidative stress following spinal cord injury.

Differential contribution of the mitochondrial respiratory chain complexes to reactive oxygen species production by redox cycling agents implicated in parkinsonism.

Toxicity assessment of the herbicide metolachlor comparative effects on bacterial and mitochondrial model systems.

An integrated cellular model to evaluate cytotoxic effects in mammalian cell lines.

[Molecular mechanism of erythromycin in the improvement of paraquat-damaged vascular endothelial cell barrier function].

[Dysphonia following glyphosate exposition].

Clinical implication of urinary neutrophil gelatinase-associated lipocalin and kidney injury molecule-1 in patients with acute paraquat intoxication.

Rapid analysis of plasma paraquat using sodium dithionite as a predictor of outcome in acute paraquat poisoning.

Plant availability and phytotoxicity of soil bound residues of herbicide ZJ0273, a novel acetolactate synthase potential inhibitor.

Characterization of the hypothalamic-pituitary-adrenal axis response to atrazine and metabolites in the female rat.

Alteration of NRSF expression exacerbating 1-methyl-4-phenyl-pyridinium ion-induced cell death of SH-SY5Y cells.

Rhinitis associated with pesticide exposure among commercial pesticide applicators in the Agricultural Health Study.

Paraquat toxicity induced by voltage-dependent anion channel 1 acts as an NADH-dependent oxidoreductase.

Acrolein induces a cellular stress response and triggers mitochondrial apoptosis in A549 cells.

Toxic influence of chronic oral administration of paraquat on nigrostriatal dopaminergic neurons in C57BL/6 mice.

Rotenone and paraquat do not directly activate microglia or induce inflammatory cytokine release.

Subacute effect of 2,4-dichlorophenoxyacetic acid on rat liver tissue: histochemical and immunohistochemical study.

Natural polyphenols as direct trapping agents of lipid peroxidation-derived acrolein and 4-hydroxy-trans-2-nonenal.

Defective responses to oxidative stress in protein I-isoaspartyl repair-deficient *Caenorhabditis elegans*.

MRI characterization of structural mouse brain changes in response to chronic exposure to the glufosinate ammonium herbicide.

Paraquat detoxication with multiple emulsions.

Acute and chronic toxicity of atrazine and its metabolites deethylatrazine and deisopropylatrazine on aquatic organisms.

Effect of pesticides on cell survival in liver and brain rat tissues.

Postmortem analyses unveil the poor efficacy of decontamination, anti-inflammatory and immunosuppressive therapies in paraquat human intoxications.

A unified approach for analyzing exchangeable binary data with applications to developmental toxicity studies.

[Acute glyphosate-surfactant poisoning with neurological sequels and fatal outcome].

Glycogen content is affected differently in acute pulmonary and extra-pulmonary lung injury.

Occupation and risk of parkinsonism: a multicenter case-control study.

Environmental toxins and Parkinson's disease: what have we learned from pesticide-induced animal models?

Acute intentional self-poisoning with a herbicide product containing fenoxaprop-P-ethyl, ethoxysulfuron, and isoxadifen ethyl: a prospective observational study.

Molecular mechanisms of 4-hydroxy-2-nonenal and acrolein toxicity: nucleophilic targets and adduct formation.

Evaluation of the toxicity of stress-related aldehydes to photosynthesis in chloroplasts.

Effects of 2,4-dichlorophenoxyacetic acid formulation on medulla spinalis of *Poecilia reticulata*: a histopathological study.

Atrazine oral exposure of peripubertal male rats downregulates steroidogenesis gene expression in Leydig cells.

Haemocyte lysosomal fragility facing an environmental reality: a toxicological perspective with atrazine and *Lymnaea stagnalis* (Gastropoda, Pulmonata) as a test case.

Subchronic feeding study of grain from herbicide-tolerant maize DP-9814-6 in Sprague-Dawley rats.

Water extracts of *Brassica oleracea* var. *costata* potentiate paraquat toxicity to rat hepatocytes in vitro.

Pathogenic stimulation of intestinal stem cell response in *Drosophila*.

The role of NADPH oxidase 1-derived reactive oxygen species in paraquat-mediated dopaminergic cell death.

Pea (*Pisum sativum*) seed production as an assay for reproductive effects due to herbicides.

Trivalent methylated arsenical-induced phosphatidylserine exposure and apoptosis in platelets may lead to increased thrombus formation.

Arsenite and its metabolites, MMA(III) and DMA(III), modify CYP3A4, PXR and RXR alpha expression in the small intestine of CYP3A4 transgenic mice.

Up-regulation of divalent metal transporter 1 is involved in 1-methyl-4-phenylpyridinium (MPP(+))-induced apoptosis in MES23.5 cells.

Inflammatory priming of the substantia nigra influences the impact of later paraquat exposure: Neuroimmune sensitization of neurodegeneration.

Responses of lake bacterioplankton activities and composition to the herbicide diuron.

Glyphosate-based herbicides are toxic and endocrine disruptors in human cell lines.

Mortality rates among trichlorophenol workers with exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Oxidative stress of acute paraquat poisoned rats and sodium dimercaptopropane sulfonate intervention].

[Pathologic changes and expression of Heme oxygenase-1 in paraquat-induced renal injury].

[Changes of cytokine and nuclear factor-kappa B in acute paraquat poisoned rats].

[Change of oxidative stress and nuclear factor-kappa B in acute paraquat poisoned rats].

[Expression of thrombomodulin, endothelial protein C receptor in lung tissue of acute paraquat poisoned rats and intervention of sodium dimercaptopropane sulfonate].

Comparative effects of the formulation of glyphosate-surfactant herbicides on hemodynamics in swine.

The area of ground glass opacities of the lungs as a predictive factor in acute paraquat intoxication.

The epidemiology of glyphosate-surfactant herbicide poisoning in Taiwan, 1986-2007: a poison center study.

Nitric oxide-mediated toxicity in paraquat-exposed SH-SY5Y cells: a protective role of 7-nitroindazole.

Low toxic herbicide Roundup induces mild oxidative stress in goldfish tissues.

Assessing the toxicity of herbicide isoproturon on *Aporrectodea caliginosa* (Oligochaeta) and its fate in soil ecosystem.

Paraquat induces oxidative stress, neuronal loss in substantia nigra region and parkinsonism in adult rats: neuroprotection and amelioration of symptoms by water-soluble formulation of coenzyme Q10.

Paraquat induces alternation of the dopamine catabolic pathways and glutathione levels in the substantia nigra of mice.

LRRK2 modulates vulnerability to mitochondrial dysfunction in *Caenorhabditis elegans*.

Evidence for toxicity differences between inorganic arsenite and thioarsenicals in human bladder cancer cells.

Allergic reaction induced by dermal and/or respiratory exposure to low-dose phenoxyacetic acid, organophosphorus, and carbamate pesticides.

Cancer incidence among paraquat exposed applicators in the agricultural health study: prospective cohort study.

Modelling long-term ecotoxicological effects on an algal population under dynamic nutrient stress.

Enantioselective effects of chiral herbicide diclofop acid on rice Xiushui 63 seedlings.

Safety evaluation of the double mutant 5-enol pyruvylshikimate-3-phosphate synthase (2mEPSPS) from maize that confers tolerance to glyphosate herbicide in transgenic plants.

[Expression and clinical significance of serum chemokines in patients with paraquat poisoning].

Dopamine transporter genetic variants and pesticides in Parkinson's disease.

Fatal diquat intoxication.

[Effects of ulinastatin to pro-inflammatory mediators in rats with acute paraquat intoxication].

Marked recovery from paraquat-induced lung injury during long-term follow-up.

Clinical outcome of paraquat poisoning.

Fibroblast growth factor 9 prevents MPP⁺-induced death of dopaminergic neurons and is involved in melatonin neuroprotection in vivo and in vitro.

Prognosis of paraquat-induced ocular surface injury: therapeutic effect of amniotic membrane transplantation.

Patterns of immunotoxicity associated with chronic as compared with acute exposure to chemical or physical stressors and their relevance with regard to the role of stress and with regard to immunotoxicity testing.

Design, synthesis, and evaluation of carnosine derivatives as selective and efficient sequestering agents of cytotoxic reactive carbonyl species.

Immunohistochemical and histopathological evaluation of 2,4-dichlorophenoxyacetic acid-induced changes in rat kidney cortex.

Time-dependent degradation and toxicity of diclofop-methyl in algal suspensions : emerging contaminants.

[Autolytic carbimide-alcohol reaction with fatal outcome].

Presumptive service connection for disease associated with exposure to certain herbicide agents: AL amyloidosis. Final rule.

Evaluation of pathways involved in pentachlorophenol-induced apoptosis in rat neurons.

Functional characterization of the *Aspergillus nidulans* methionine sulfoxide reductases (msrA and msrB).

Exposure to Agent Orange is a significant predictor of prostate-specific antigen (PSA)-based recurrence and a rapid PSA doubling time after radical prostatectomy.

Chronic exposure to high levels of atrazine alters expression of genes that regulate immune and growth-related functions in developing *Xenopus laevis* tadpoles.

Glutathione-S-transferase P protects against endothelial dysfunction induced by exposure to tobacco smoke.

Effect of glyphosate on growth of four freshwater species of phytoplankton: a microplate bioassay.

OECD validation of phase 3 Hershberger assay in Korea using surgically castrated male rats with coded chemicals.

An ecological risk assessment of the exposure and effects of 2,4-D acid to rainbow trout (*Onchorhynchus mykiss*).

Occupational exposure to pesticides and lymphoid neoplasms among men: results of a French case-control study.

An ecological risk assessment of the acute and chronic toxicity of the herbicide picloram to the threatened bull trout (*Salvelinus confluentus*) and the rainbow trout (*Onchorhynchus mykiss*).

Acrolein activates matrix metalloproteinases by increasing reactive oxygen species in macrophages.

Dicamba-induced genotoxicity in Chinese hamster ovary (CHO) cells is prevented by vitamin E.

Immunotoxicological effects of a sub-chronic exposure to selected current-use pesticides in rainbow trout (*Oncorhynchus mykiss*).

Changes of thyroid hormone levels and related gene expression in Chinese rare minnow (*Gobiocypris rarus*) during 3-amino-1,2,4-triazole exposure and recovery.

The level and clinical significance of pancreatic enzymes in survivors of acute paraquat poisoning.

[Mechanism and treatment strategy for acute paraquat poisoning].

[Acute paraquat poisoning: challenge and strategy].

The antioxidant glutathione in the fish cell lines EPC and BCF-2: response to model pro-oxidants as measured by three different fluorescent dyes.

Protective effect of lipoic acid against acrolein-induced cytotoxicity in IMR-90 human fibroblasts.

Effects of monomethylarsonic and monomethylarsonous acid on evoked synaptic potentials in hippocampal slices of adult and young rats.

Human cord blood CD133+ stem cells transplanted to nod-scid mice provide conditions for regeneration of olfactory neuroepithelium after permanent damage induced by dichlobenil.

Pest toxicology: the primary mechanisms of pesticide action.

Western blot analysis for 4-hydroxy-2-nonenal (HNE)-modified proteins in paraquat-treated mice.

Prediction of outcome after paraquat poisoning by measurement of the plasma paraquat concentration.

[Poisoning by pesticides among family fruit farmers, Bento Gonçalves, Southern Brazil].

Agrichemicals in surface water and birth defects in the United States.

Effects of acute exposure to metribuzin on some hematological, biochemical and histopathological parameters of common carp (*Cyprinus carpio* L.).

Morbidity in former sawmill workers exposed to pentachlorophenol (PCP): a cross-sectional study in New Zealand.

The clinical features of acute kidney injury in patients with acute paraquat intoxication.

Responsiveness of the interrenal tissue of *Jundi* (Rhamdia quelen) to an in vivo ACTH test following acute exposure to sublethal concentrations of agrichemicals.

Protection against paraquat and A53T alpha-synuclein toxicity by cabergoline is partially mediated by dopamine receptors.

[Expression of inflammatory factors in lung tissue of acute paraquat poisoned rats].

Combined effects of atrazine and chlorpyrifos on susceptibility of the tiger salamander to *Ambystoma tigrinum* virus.

The effects of prometryne on subchronically treated mice evaluated by SCGE assay.

Acute gastroduodenal injury after ingestion of diluted herbicide pendimethalin.

Serum total antioxidant statuses of survivors and nonsurvivors after acute paraquat poisoning.

Oxidant stress-induced liver injury in vivo: role of apoptosis, oncotic necrosis, and c-Jun NH2-terminal kinase activation.

Age-related differences in oxidative protein-damage in young and senescent fibroblasts.

Acute exposure of the aquatic macrophyte *Callitriche obtusangula* to the herbicide oxadiazon: the protective role of N-acetylcysteine.

Heterocyclic aromatic amine pesticide use and human cancer risk: results from the U.S. Agricultural Health Study.

Comparative toxicities of fungicide and herbicide formulations on freshwater and marine species.

Effects of propanil on the European eel *Anguilla anguilla* and post-exposure recovery using selected biomarkers as effect criteria.

Serum total antioxidant statuses of survivors and nonsurvivors after acute paraquat poisoning.

Differential analysis of mycoalexins in confrontation zones of grapevine fungal pathogens by ultrahigh pressure liquid chromatography/time-of-flight mass spectrometry and capillary nuclear magnetic resonance.

Genomic and biochemical approaches in the discovery of mechanisms for selective neuronal vulnerability to oxidative stress.

Clinical outcomes and kinetics of propanil following acute self-poisoning: a prospective case series.

Herbicide-treated hay as a possible cause of dermatitis in horses.

[Progress in research on mechanism of pathogenesis and treatment of acute paraquat poisoning].

Leaf anatomy and morphometry in three eucalypt clones treated with glyphosate.

Arsenite and its mono- and dimethylated trivalent metabolites enhance the formation of benzo[a]pyrene diol epoxide-DNA adducts in Xeroderma pigmentosum complementation group A cells.

Acute toxic effects of three pesticides on *Pseudomonas putida* monitored by microcalorimeter.

Effect of a subchronic exposure to simazine on energetic metabolism of common carp (*Cyprinus carpio*).

Toxicokinetics and toxicodynamics of paraquat accumulation in mouse brain.

Life span alteration after irradiation in *Drosophila melanogaster* strains with mutations of Hsf and Hsps.

Plant adaptogens increase lifespan and stress resistance in *C. elegans*.

Comparative susceptibility to atrazine of three developmental stages of *Rhinella arenarum* and influence on metamorphosis: non-monotonous acceleration of the time to climax and delayed tail resorption.

Iron-enhanced paraquat-mediated dopaminergic cell death due to increased oxidative stress as a consequence of microglial activation.

Toxicity of a glufosinate- and several glyphosate-based herbicides to juvenile amphibians from the Southern High Plains, USA.

Treatment influence on herbicide resistance level of Belgian *Alopecurus myosuroides* populations (black-grass).

Drift-reducing nozzles and their biological efficacy.

Terbutryn toxicity to *Danio rerio*: effects of subchronic exposure on fish growth.

Effects of subchronic simazine exposure on some biometric, biochemical, hematological and histopathological parameters of common carp (*Cyprinus carpio* L.).

Effects of subchronic exposure to Successor 600 (pethoxamid 600 g L⁻¹) on common carp *Cyprinus carpio*.

A review: oxidative stress in fish induced by pesticides.

Plant growth regulator (4-chlorophenoxy acetic acid) increases apoptosis in gonads of rats without changing hormonal levels.

Biomonitoring of genotoxic risk in agricultural workers from five colombian regions: association to occupational exposure to glyphosate.

Toxicity of formulated glyphosate (glyphos) and cosmo-flux to larval and juvenile colombian frogs 2. Field and laboratory microcosm acute toxicity.

Toxicity of formulated glyphosate (glyphos) and cosmo-flux to larval Colombian frogs 1. Laboratory acute toxicity.

Comparison of the hazards posed to amphibians by the glyphosate spray control program versus the chemical and physical activities of coca production in Colombia.

Disulfiram-like syndrome after hydrogen cyanamide professional skin exposure: two case reports in France.

Chapter 22 The uptake and interactions of the redox cyler paraquat with mitochondria.

Collaborative work on evaluation of ovarian toxicity. 14) Two- or four-week repeated-dose studies and fertility study of atrazine in female rats.

[Clinical observation on 22 cases of acute paraquat poisoning].

[Influence of early effective control for inflammatory exudation on survival rate of acute paraquat poisoning].

Comparison between kidney and hemoperfusion for paraquat elimination.

Glyphosate formulations induce apoptosis and necrosis in human umbilical, embryonic, and placental cells.

Systematic review and meta-analysis of mortality in crop protection product manufacturing workers.

Upregulation of cellular glutathione by 3H-1,2-dithiole-3-thione as a possible treatment strategy for protecting against acrolein-induced neurocytotoxicity.

Involvement of ubiquitin proteasome system in protective mechanisms of Puerarin to MPP(+)-elicited apoptosis.

Pesticide by-products in the RhÃ´ne delta (Southern France). The case of 4-chloro-2-methylphenol and of its nitroderivative.

Growth arrest and DNA damage protein 45b (Gadd45b) protects retinal ganglion cells from injuries.

Effects of atrazine on hepatic metabolism and endocrine homeostasis in rainbow trout (*Oncorhynchus mykiss*).

Prostate cancer control and survival in Vietnam veterans exposed to Agent Orange.

Role of endoplasmic reticulum stress in acrolein-induced endothelial activation.

The adverse effects of hydrogen cyanamide on human health: an evaluation of inquiries to the New Zealand National Poisons Centre.

Effect of 2,4-D herbicide (2,4-dichlorophenoxyacetic acid) on oxygen consumption and ammonium excretion of juveniles of *Geophagus brasiliensis* (Quoy & Gaimard, 1824) (Osteichthyes, Cichlidae).

Oxidative and inflammatory pathways in Parkinson's disease.

TRPA1 agonists evoke coughing in guinea pig and human volunteers.

Inhibitory effects of Geijigajakyak-Tang on trinitrobenzene sulfonic acid-induced colitis.

Transient receptor potential ankyrin receptor 1 is a novel target for pro-tussive agents.

Increased sensitivity of glutathione S-transferase P-null mice to cyclophosphamide-induced urinary bladder toxicity.

Matrix metalloproteinase-14 mediates a phenotypic shift in the airways to increase mucin production.

Recruitment maneuver: RAMP versus CPAP pressure profile in a model of acute lung injury.

Staphylococcal catalase regulates its virulence and induces arthritis in catalase deficient mice.

Edible apple film wraps containing plant antimicrobials inactivate foodborne pathogens on meat and poultry products.

Mortality rates among workers exposed to dioxins in the manufacture of pentachlorophenol.

Intense correlation between brain infarction and protein-conjugated acrolein.

Quantification of Paraquat, MPTP, and MPP⁺ in brain tissue using microwave-assisted solvent extraction (MASE) and high-performance liquid chromatography-mass spectrometry.

4-Methoxycinnamaldehyde inhibited human respiratory syncytial virus in a human larynx carcinoma cell line.

The effects of N-acetyl cysteine, buthionine sulfoximine, diethylthiocarbamate or 3-amino-1,2,4-triazole on antimycin A-treated Calu-6 lung cells in relation to cell growth, reactive oxygen species and glutathione.

Chronic intermittent hypobaric hypoxia protects the heart against ischemia/reperfusion injury through upregulation of antioxidant enzymes in adult guinea pigs.

Acrolein, a ubiquitous pollutant and lipid hydroperoxide product, inhibits antiviral activity of interferon-alpha: relevance to hepatitis C.

Rosiglitazone, a peroxisome proliferator-activated receptor-gamma agonist, attenuates acrolein-induced airway mucus hypersecretion in rats.

[Analysis of bialaphos and its active metabolite L-glufosinate in biological specimens by HPLC].

Identification and characterization of the AcrR/AcrAB system of a pathogenic *Edwardsiella tarda* strain.

Survival motor neuron deficiency enhances progression in an amyotrophic lateral sclerosis mouse model.

Protective effects of a superoxide dismutase/catalase mimetic compound against paraquat pneumotoxicity in rat lung.

Silencing DJ-1 reveals its contribution in paraquat-induced autophagy.

Evaluation of diquat against an acute experimental infection of *Flavobacterium columnare* in channel catfish, *Ictalurus punctatus* (Rafinesque).

Effect of sildenafil on acrolein-induced airway inflammation and mucus production in rats.

Parkinson's disease and residential exposure to maneb and paraquat from agricultural applications in the central valley of California.

Antiinflammatory effects of hydrogen peroxide in neutrophil activation and acute lung injury.

Mutations in the *C. elegans* succinate dehydrogenase iron-sulfur subunit promote superoxide generation and premature aging.

Urinary arsenic methylation capability and carotid atherosclerosis risk in subjects living in arsenicosis-hyperendemic areas in southwestern Taiwan.

Parasites, info-disruption, and the ecology of fear.

The cinnamon-derived Michael acceptor cinnamic aldehyde impairs melanoma cell proliferation, invasiveness, and tumor growth.

Okadaic acid protects human neuroblastoma SH-SY5Y cells from 1-methyl-4-phenylpyridinium ion-induced apoptosis.

Pharmacokinetics of trifluralin in blood and heart tissue of mice.

Pyrrolidine dithiocarbamate attenuates paraquat-induced lung injury in rats.

Inhibition of 4-hydroxyphenylpyruvate dioxygenase by 2-[2-nitro-4-(trifluoromethyl)benzoyl]-1,3-cyclohexanedione.

Chronic exposure to the herbicide, atrazine, causes mitochondrial dysfunction and insulin resistance.

Fibroblasts from long-lived mutant mice show diminished ERK1/2 phosphorylation but exaggerated induction of immediate early genes.

The Arabidopsis PARAQUAT RESISTANT2 gene encodes an S-nitrosoglutathione reductase that is a key regulator of cell death.

Effects of atrazine and its withdrawal on gonadotropin-releasing hormone neuroendocrine function in the adult female Wistar rat.

Influence of cobalamin on arsenic metabolism in Bangladesh.

Gene-expression profiling of grape bud response to two alternative dormancy-release stimuli expose possible links between impaired mitochondrial activity, hypoxia, ethylene-ABA interplay and cell enlargement.

Optical biosensors for environmental monitoring based on computational and biotechnological tools for engineering the photosynthetic D1 protein of *Chlamydomonas reinhardtii*.

Protective mechanism of quercetin and rutin using glutathione metabolism on HO₂-induced oxidative stress in HepG2 cells.

Acrolein toxicity involves oxidative stress caused by glutathione depletion in the yeast *Saccharomyces cerevisiae*.

Oxidative stress response of *Mycosphaerella fijiensis*, the causal agent of black leaf streak disease in banana plants, to hydrogen peroxide and paraquat.

¹H NMR to investigate metabolism and energy supply in rhesus macaque sperm.

Prenatal exposure to pesticides disrupts testicular histoarchitecture and alters testosterone levels in male *Caiman latirostris*.

The role of p38b MAPK in age-related modulation of intestinal stem cell proliferation and differentiation in *Drosophila*.

Transforming a NEP1 toxin gene into two *Fusarium* spp. to enhance mycoherbicide activity on Orobanche--failure and success.

Protective effect of montelukast on paraquat-induced lung toxicity in rats.

Evaluation of toxicity of *Cercospora piaropi* in a mycoherbicide formulation by using bacterial bioluminescence and the Ames mutagenicity tests.

Differential patterns of reactive oxygen species and antioxidative mechanisms during atrazine injury and sucrose-induced tolerance in *Arabidopsis thaliana* plantlets.

Polynucleotide phosphorylase protects *Escherichia coli* against oxidative stress.

Paraquat is excluded by the blood brain barrier in rhesus macaque: An in vivo pet study.

DIC-1 over-expression enhances respiratory activity in *Caenorhabditis elegans* by promoting mitochondrial cristae formation.

Oxidative stress promotes proliferation and dedifferentiation of retina glial cells in vitro.

Antibacterial, antifungal, insecticidal, cytotoxicity and phytotoxicity studies on *Indigofera gerardiana*.

Chapter 21 Paraquat-induced production of reactive oxygen species in brain mitochondria.

Synaptosomal toxicity and nucleophilic targets of 4-hydroxy-2-nonenal.

Effects of a herbicide-insecticide mixture in freshwater microcosms: risk assessment and ecological effect chain.

Prolonged recruitment manoeuvre improves lung function with less ultrastructural damage in experimental mild acute lung injury.

Transcriptional changes associated with reduced spontaneous liver tumor incidence in mice chronically exposed to high dose arsenic.

Requirement of arsenic biomethylation for oxidative DNA damage.

Poisoning deaths in China: type and prevalence detected at the Tongji Forensic Medical Center in Hubei.

Local IGF-1 isoform protects cardiomyocytes from hypertrophic and oxidative stresses via SirT1 activity.

Dioxin, diet and disease on St. Kilda.

Iron in vitro bioavailability and iodine storage stability in double-fortified salt.

Well-water consumption and Parkinson's disease in rural California.

Antioxidant activity of mangostin in cell-free system and its effect on K562 leukemia cell line in photodynamic therapy.

Up-regulation of Wnt5a gene expression in the nitrofen-induced hypoplastic lung.

Reproductive lesions in female Harlan Sprague-Dawley rats following two-year oral treatment with dioxin and dioxin-like compounds.

p-Cresyl sulfate and indoxyl sulfate in hemodialysis patients.

Large-dose intravenous ferric carboxymaltose injection for iron deficiency anemia in heavy uterine bleeding: a randomized, controlled trial.

Hypoxia and the metabolic phenotype of prostate cancer cells.

[Seasonality of omphalocele in northern Germany].

Metabolite profiling identifies candidate markers reflecting the clinical adaptations associated with Roux-en-Y gastric bypass surgery.

Arsenic exacerbates atherosclerotic lesion formation and inflammation in ApoE^{-/-} mice.

Chronic expression of H-ferritin in dopaminergic midbrain neurons results in an age-related expansion of the labile iron pool and subsequent neurodegeneration: implications for Parkinson's disease.

Inflammatory and chloracne-like skin lesions in B6C3F1 mice exposed to 3,3',4,4'-tetrachloroazobenzene for 2 years.

Elevating optimal human nutrition to a central goal of plant breeding and production of plant-based foods.

Amended safety assessment of sodium picramate and picramic acid.

p-Cresol sulfate: further understanding of its cardiovascular disease potential in CKD.

Serum gamma-glutamyltransferase: new insights about an old enzyme.

Initial report of a family registry of multiple myeloma.

Neuroprotective efficacy of Bacopa monnieri against rotenone induced oxidative stress and neurotoxicity in *Drosophila melanogaster*.

Urinary arsenic species and CKD in a Taiwanese population: a case-control study.

Polymorphisms in arsenic metabolism genes, urinary arsenic methylation profile and cancer.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin disrupts B-cell lymphopoiesis and exacerbates autoimmune disease in 24-week-old SNF1 mice.

The uremic retention solute p-cresyl sulfate and markers of endothelial damage.

Marked iron overload related to ribavirin and iron sulfate treatment in a patient with active viral C cirrhosis.

Ingestion of ferrous sulfate increases ferremia in patients with short bowel syndrome.

Arsenite exposure compromises early embryonic development in the Golden hamster.

A pilot study of faecal volatile organic compounds in faeces from cholera patients in Bangladesh to determine their utility in disease diagnosis.

Inherited glutathione reductase deficiency and Plasmodium falciparum malaria--a case study.

Modulation of heart rate variability during severe hemorrhage at different rates in conscious rats.

Overview of developmental heart defects by dioxins, PCBs, and pesticides.

[Acute and subacute chemical pneumonitis].

Effect of prenatal zinc supplementation on birthweight.

Convenient headspace gas chromatographic determination of azide in blood and plasma.

Prenatal retinoic acid up-regulates pulmonary gene expression of COUP-TFII, FOG2, and GATA4 in pulmonary hypoplasia.

Professional exposure to pesticides and Parkinson disease.

Effects of chronic exposure to DDT and TCDD on disease activity in murine systemic lupus erythematosus.

Variation in half-life of penta-chlorodibenzofuran (PeCDF) blood level among Yusho patients.

Pesticides and myocardial infarction incidence and mortality among male pesticide applicators in the Agricultural Health Study.

Impact and risk factors of craniofacial malformations in a Colombian population.

Prophylactic role of taurine on arsenic mediated oxidative renal dysfunction via MAPKs/ NF-kappaB and mitochondria dependent pathways.

Cancer incidence among pesticide applicators exposed to butylate in the Agricultural Health Study (AHS).

Comparative hepatotoxicity and clastogenicity of sodium arsenite and three petroleum products in experimental Swiss Albino Mice: the modulatory effects of Aloe vera gel.

Developmental exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin alters postnatal T cell phenotypes and T cell function and exacerbates autoimmune lupus in 24-week-old SNF1 mice.

Nrf2 protects against As(III)-induced damage in mouse liver and bladder.

Deleterious versus neuroprotective effect of metabolic inhibition after traumatic spinal cord injury.

Ferrous sulfate versus iron polymaltose complex for treatment of iron deficiency anemia in children.

Oral and intravenous iron treatment in inflammatory bowel disease: hematological response and quality of life improvement.

Effects of prolonged iron overload and low frequency electromagnetic exposure on spatial learning and memory in the young rat.

Efficacy of oral iron in patients with restless legs syndrome and a low-normal ferritin: A randomized, double-blind, placebo-controlled study.

Changes in serum hepcidin levels in acute iron intoxication in a rat model.

Cancer incidence in the population exposed to dioxin after the "Seveso accident": twenty years of follow-up.

Post-exposure treatment with nasal atropine methyl bromide protects against microinstillation inhalation exposure to sarin in guinea pigs.

Dioxin receptor deficiency impairs angiogenesis by a mechanism involving VEGF-A depletion in the endothelium and transforming growth factor-beta overexpression in the stroma.

Toward the development of a plant-based vaccine against reovirus.

Disruption of nNOS-PSD95 protein-protein interaction inhibits acute thermal hyperalgesia and chronic mechanical allodynia in rodents.

Mortality in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin at a trichlorophenol plant in New Zealand.

Expression of chloride channels in trachea-occluded hyperplastic lungs and nitrofen-induced hypoplastic lungs in rats.

Expression of constitutively-active aryl hydrocarbon receptor in T-cells enhances the down-regulation of CD62L, but does not alter expression of CD25 or suppress the allogeneic CTL response.

Lysozyme, a mediator of sepsis that intrinsically generates hydrogen peroxide to cause cardiovascular dysfunction.

Differential effects of PINK1 nonsense and missense mutations on mitochondrial function and morphology.

Recent progress in the analysis of uremic toxins by mass spectrometry.

Fetal and neonatal exposure to three typical environmental chemicals with different mechanisms of action: mixed exposure to phenol, phthalate, and dioxin cancels the effects of sole exposure on mouse midbrain dopaminergic nuclei.

Minocycline attenuates iron neurotoxicity in cortical cell cultures.

Differential cytotoxic effects of arsenic compounds in human acute promyelocytic leukemia cells.

Impact of life stage and duration of exposure on arsenic-induced proliferative lesions and neoplasia in C3H mice.

Health profiles of methyl bromide applicators in greenhouses in Turkey.

Autologous melanoma vaccine induces antitumor and self-reactive immune responses that affect patient survival and depend on MHC class II expression on vaccine cells.

TCDD mediates inhibition of p53 and activation of ERalpha signaling in MCF-7 cells at moderate hypoxic conditions.

Arsenite enhances the benzo[a]pyrene diol epoxide (BPDE)-induced mutagenesis with no marked effect on repair of BPDE-DNA adducts in human lung cells.

Phyllanthus urinaria extract attenuates acetaminophen induced hepatotoxicity: involvement of cytochrome P450 CYP2E1.

Causes and types of health effects during the use of crop protection chemicals: data from a survey of over 6,300 smallholder applicators in 24 different countries.

Rationale and design of the oral HEMe iron polypeptide Against Treatment with Oral Controlled Release Iron Tablets trial for the correction of anaemia in peritoneal dialysis patients (HEMATOCRIT trial).

Aryl hydrocarbon receptor inhibition downregulates the TGF-beta/Smad pathway in human glioblastoma cells.

Characterization of MCF mammary epithelial cells overexpressing the Arylhydrocarbon receptor (AhR).

Air sampling and analysis method for volatile organic compounds (VOCs) related to field-scale mortality composting operations.

Activation of aryl hydrocarbon receptor by TCDD prevents diabetes in NOD mice and increases Foxp3+ T cells in pancreatic lymph nodes.

Protein-bound toxins--update 2009.

Endometriosis and organochlorinated environmental pollutants: a case-control study on Italian women of reproductive age.

Effects of intrauterine 2,3,7,8-tetrachlorodibenzo-p-dioxin on the development and function of the gonadotrophin releasing hormone neuronal system in the male rat.

Characterization of a fatal methyl bromide exposure by analysis of the water cooler.

Iron status of breastfed infants is improved equally by medicinal iron and iron-fortified cereal.

Abeta43 is more frequent than Abeta40 in amyloid plaque cores from Alzheimer disease brains.

Reproductive and developmental toxicity of a pentabrominated diphenyl ether mixture, DE-71, to ranch mink (*Mustela vison*) and hazard assessment for wild mink in the Great Lakes region.

Induction of apoptosis by phloroglucinol derivative from *Ecklonia Cava* in MCF-7 human breast cancer cells.

Protection of bleomycin-induced fibrosis and inflammation by taurine.

Subchronic feeding study with genetically modified stacked trait lepidopteran and coleopteran resistant (DAS-157-1xDAS-59122-7) maize grain in Sprague-Dawley rats.

Immunogenicity of a standard trivalent influenza vaccine in patients on long-term hemodialysis: an open-label trial.

Effects of dioxin on vascular endothelial growth factor (VEGF) production in the retina associated with choroidal neovascularization.

Iron bioavailability of cocoa powder as determined by the Hb regeneration efficiency method.

Disruption of iron homeostasis and lung disease.

Prone position prevents regional alveolar hyperinflation and mechanical stress and strain in mild experimental acute lung injury.

Decreased nitric oxide markers and morphological changes in the brain of arsenic-exposed rats.

Peroxiredoxin 6 fails to limit phospholipid peroxidation in lung from Cftr-knockout mice subjected to oxidative challenge.

Taurine protects rat testes against NaAsO₂-induced oxidative stress and apoptosis via mitochondrial dependent and independent pathways.

Melatonin reduces acute lung injury in endotoxemic rats.

Intravenous versus oral iron supplementation for correction of post-transplant anaemia in renal transplant patients.

Effect of dioxins on regulation of tyrosine hydroxylase gene expression by aryl hydrocarbon receptor: a neurotoxicology study.

[Model establishment of liver fibrosis in oral arsenic solution exposed mice].

Phytochemical, antibacterial, antiproliferative, and antioxidant potentials and DNA damage-protecting activity of *Acacia salicina* extracts.

Residential exposure to polychlorinated biphenyls and organochlorine pesticides and risk of childhood leukemia.

Adherence and side effects of three ferrous sulfate treatment regimens on anemic pregnant women in clinical trials.

The myenteric plexus of the esophagus is abnormal in an experimental congenital diaphragmatic hernia model.

Characterization of inflammatory bowel disease with urinary metabolic profiling.

Iron prophylaxis in pregnancy: intravenous route versus oral route.

Regular consumption of a complementary food fortified with ascorbic acid and ferrous fumarate or ferric pyrophosphate is as useful as ferrous sulfate in maintaining hemoglobin concentrations >105 g/L in young Bangladeshi children.

Effect of increasing dialyzer mass transfer area coefficient and dialysate flow on clearance of protein-bound solutes: a pilot crossover trial.

Role of iron in the pathogenesis of cysteamine-induced duodenal ulceration in rats.

The protective role of HO-1 and its generated products (CO, bilirubin, and Fe) in ethanol-induced human hepatocyte damage.

Mortality in employees at a New Zealand agrochemical manufacturing site.

Maternal exposure to dioxin disrupts gonadotropin production in fetal rats and imprints defects in sexual behavior.

p-Cresol inhibits IL-12 production by murine macrophages stimulated with bacterial immunostimulant.

Effects of frequency and inspiratory plateau pressure during recruitment manoeuvres on lung and distal organs in acute lung injury.

Transplacental and early life exposure to inorganic arsenic affected development and behavior in offspring rats.

Arsenic activates EGFR pathway signaling in the lung.

Dexamethasone enhances basal and TNF-alpha-stimulated production of PAI-1 via the glucocorticoid receptor regardless of 11beta-hydroxysteroid dehydrogenase 2 status in human proximal renal tubular cells.

Sodium octanoate to reverse indoxyl sulfate and p-cresyl sulfate albumin binding in uremic and normal serum during sample preparation followed by fluorescence liquid chromatography.

Influence of aryl hydrocarbon- (Ah) receptor and genotoxins on DNA repair gene expression and cell survival of mouse hepatoma cells.

PCBs and the energy cost of migration in the European eel (*Anguilla anguilla* L.).

Deletion of mouse MsrA results in HBO-induced cataract: MsrA repairs mitochondrial cytochrome c.

Neonatal exposure to low-dose 2,3,7,8-tetrachlorodibenzo-p-dioxin causes autoimmunity due to the disruption of T cell tolerance.

Differentiation of human osteosarcoma cells by isolated phlorotannins is subtly linked to COX-2, iNOS, MMPs, and MAPK signaling: implication for chronic articular disease.

Agricultural pesticide use and pancreatic cancer risk in the Agricultural Health Study Cohort.

Ethnicity and incidence of Hodgkin lymphoma in Canadian population.

[Evaluation of dermatological symptom of Yusho patients in the annual examination in 2005-2007].

Methyl iodide-induced fetal hypothyroidism implicated in late-stage fetal death in rabbits.

Prenatal developmental toxicity studies of inhaled methyl iodide vapor in rabbits reveal a susceptible window of exposure inducing late gestational fetotoxicity.

Iron supplement in pregnancy and development of gestational diabetes--a randomised placebo-controlled trial.

Attenuation of 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity by resveratrol: a comparative study with different routes of administration.

Prospective study of chemical exposures and amyotrophic lateral sclerosis.

Regulation of mitochondrial dynamics in acute kidney injury in cell culture and rodent models.

Mitochondrial changes within axons in multiple sclerosis.

Foreword to a special issue of Inhalation Toxicology on a risk assessment for iodomethane.

Comparative effects of very low-carbohydrate, high-fat and high-carbohydrate, low-fat weight-loss diets on bowel habit and faecal short-chain fatty acids and bacterial populations.

Participation of asparagine 370 and glutamine 235 in the catalysis by acid beta-glucosidase: the enzyme deficient in Gaucher disease.

Providing iron/folic acid tablets free of charge improves compliance in pregnant women in Senegal.

Prevalence of diabetes and body burdens of polychlorinated biphenyls, polybrominated diphenyl ethers, and p,p'-diphenyldichloroethene in Great Lakes sport fish consumers.

Iron supplementation of low-income infants: a randomized clinical trial of adherence with ferrous fumarate sprinkles versus ferrous sulfate drops.

Reproductive health of bass in the Potomac, U.S.A., drainage: part 2. Seasonal occurrence of persistent and emerging organic contaminants.

Reproductive health of bass in the Potomac, U.S.A., drainage: part 1. Exploring the effects of proximity to wastewater treatment plant discharge.

Potential therapeutic significance of increased expression of aryl hydrocarbon receptor in human gastric cancer.

Epigenetics and environmental chemicals.

Prevalence of metabolic syndrome associated with body burden levels of dioxin and related compounds among Japan's general population.

Uncouple my heart: the benefits of inefficiency.

Possible involvement of arylhydrocarbon receptor variants in TCDD-induced thymic atrophy and XRE-dependent transcriptional activity in Wistar Hannover GALAS rats.

Iron deficiency anemia in infants aged 12-15 months in Ahwaz, Iran.

Weight loss and 2,4-dinitrophenol poisoning.

Functional characterization of ryanodine receptor (RYR1) sequence variants using a metabolic assay in immortalized B-lymphocytes.

The use of Fluoro-Jade in primary neuronal cell cultures.

Sodium arsenite induces ROS generation, DNA oxidative damage, HO-1 and c-Myc proteins, NF-kappaB activation and cell proliferation in human breast cancer MCF-7 cells.

The role of the dioxin-responsive element cluster between the Cyp1a1 and Cyp1a2 loci in aryl hydrocarbon receptor biology.

Carcinogenesis studies of cresols in rats and mice.

Impact of iron supplementation on schistosomiasis control in Zambian school children in a highly endemic area.

The soluble nickel component of residual oil fly ash alters pulmonary host defense in rats.

A biological hazard of our age: bracken fern [*Pteridium aquilinum* (L.) Kuhn]--a review.

Aetiology of molar-incisor hypomineralization: a critical review.

Pulmonary lesion induced by low and high positive end-expiratory pressure levels during protective ventilation in experimental acute lung injury.

Iron deficiency and child and maternal health.

Relative bioavailability of micronized, dispersible ferric pyrophosphate added to an apple juice drink.

Inhibition of androgen receptor transcriptional activity as a novel mechanism of action of arsenic.

Controlled, household-randomized, open-label trial of the effect of treatment of *Helicobacter pylori* infection on iron deficiency among children in rural Alaska: results at 40 months.

Parkinson-linked genes and toxins that affect neuronal cell death through the Bcl-2 family.

Multiple micronutrient fortification of salt.

Cytotoxicity and gene expression profiling of two hydroxylated polybrominated diphenyl ethers in human H295R adrenocortical carcinoma cells.

Impairment of emotional behavior and spatial learning in adult Wistar rats by ferrous sulfate.

[A series of observation on the expression of TGF-beta1 in the lung of nitrofen-induced congenital diaphragmatic hernia rat model].

Dioxin-induced toxicity on vascular remodeling of the placenta.

The significance of the nongenomic pathway in mediating inflammatory signaling of the dioxin-activated Ah receptor to cause toxic effects.

AHR signaling in prostate growth, morphogenesis, and disease.

A new cross-talk between the aryl hydrocarbon receptor and RelB, a member of the NF-kappaB family.

A novel strategy utilizing ultrasound for antigen delivery in dendritic cell-based cancer immunotherapy.

Bioactivation of the phytoestrogen diosmetin by CYP1 cytochromes P450.

Comparison of immunotoxicity among tetrachloro-, pentachloro-, tetrabromo- and pentabromo-dibenzo-p-dioxins in mice.

Ethanol extract of *Allium sativum* attenuates testicular and liver toxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats.

Randomized, double-blind, placebo-controlled trial of effects of enteral iron supplementation on anemia and risk of infection during surgical critical illness.

Positron emission tomography (PET) imaging with [11C]-labeled erlotinib: a micro-PET study on mice with lung tumor xenografts.

Expression of hepcidin and other iron-related genes in type 3 hemochromatosis due to a novel mutation in transferrin receptor-2.

Iron supplementation of breastfed infants from an early age.

A truncation in the aryl hydrocarbon receptor of the CRL:WI(Han) rat does not affect the developmental toxicity of TCDD.

Serum dioxins, polychlorinated biphenyls, and endometriosis: a case-control study in Atlanta.

Reproductive and developmental toxicity screening study of 2,4-dinitrophenol in rats.

The impact of iron supplementation efficiency in female blood donors with a decreased ferritin level and no anaemia. Rationale and design of a randomised controlled trial: a study protocol.

2,3,7,8-TCDD neurotoxicity in neuroblastoma cells is caused by increased oxidative stress, intracellular calcium levels, and tau phosphorylation.

[The specific features of the clinical course of tuberculosis and enhancement of its treatment efficiency in fertile-age women with iron-deficiency anemia].

Chronic health impairment due to 2,3,7,8-tetrachloro-dibenzo-p-dioxin exposure.

Mass spectrometric and peptide chip epitope mapping of rheumatoid arthritis autoantigen RA33.

Oxidative status in iron-deficiency anemia.

Functional analysis of ryanodine receptor type 1 p.R2508C mutation in exon 47.

Illnesses associated with chloropicrin use in California agriculture, 1992-2003.

Efficacy and tolerability of oral bovine lactoferrin compared to ferrous sulfate in pregnant women with iron deficiency anemia: a prospective controlled randomized study.

Effects of arsenic on maternal and fetal health.

Children's immunology, what can we learn from animal studies (3): Impaired mucosal immunity in the gut by 2,3,7,8-tetraclorodibenzo-p-dioxin (TCDD): a possible role for allergic sensitization.

Menadione reduction by pharmacological doses of ascorbate induces an oxidative stress that kills breast cancer cells.

[Experience in the treatment of iron deficiency anemia with ferro-folgamma].

Ferric carboxymaltose: a review of its use in iron-deficiency anaemia.

Oral carcinogenicity and toxicity of 2-amino-4-chlorophenol in rats.

Intravenous iron sucrose is superior to oral iron sulphate for correcting anaemia and restoring iron stores in IBD patients: A randomized, controlled, evaluator-blind, multicentre study.

Molecular cloning and oxidative modification of human lens ALDH1A1: implication in impaired detoxification of lipid aldehydes.

Silencing of PINK1 expression affects mitochondrial DNA and oxidative phosphorylation in dopaminergic cells.

Iron medication-induced gastric mucosal injury.

A cluster of neurological signs and symptoms in soil fumigators.

Thyroid lesions in the great cormorant (*Phalacrocorax carbo*) of Niigata, central Japan: a possible association with dioxin accumulation.

Cumulative effects of in utero administration of mixtures of "antiandrogens" on male rat reproductive development.

Speciation of arsenic trioxide metabolites in blood cells and plasma of a patient with acute promyelocytic leukemia.

Mouse breast cancer model-dependent changes in metabolic syndrome-associated phenotypes caused by maternal dioxin exposure and dietary fat.

Developmental immunotoxicology: focus on health risks.

Iron absorption from meat pate fortified with ferric pyrophosphate in iron-deficient women.

Melatonin inhibits arsenite-induced peripheral neurotoxicity.

Differential effects of the mitochondrial uncoupling agent, 2,4-dinitrophenol, or the nitroxide antioxidant, Tempol, on synaptic or nonsynaptic mitochondria after spinal cord injury.

Effects of chronic low dose rotenone treatment on human microglial cells.

CYP1A1 and CYP3A4 modulation by dietary flavonoids in human intestinal Caco-2 cells.

Hepatic and vascular mRNA expression in adult zebrafish (*Danio rerio*) following exposure to benzo-a-pyrene and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

(3R,5S,7aS)-(3,5-Bis(4-fluorophenyl)tetrahydro-1H-oxazolo[3,4-c]oxazol-7a-yl)methanol, a novel neuroprotective agent.

Glucocorticoid and adrenalectomy effects on the rat aryl hydrocarbon receptor pathway depend on the dosing regimen and post-surgical time.

Melanosis ilei associated with chronic ingestion of oral iron.

[Assessment of mitochondrial metabolic oxidative state in living cardiomyocytes with spectrally-resolved fluorescence lifetime spectroscopy of NAD(P)H].

11C-GSK189254: a selective radioligand for in vivo central nervous system imaging of histamine H3 receptors by PET.

Understanding butachlor toxicity in *Aulosira fertilissima* using physiological, biochemical and proteomic approaches.

The pleiotropy of dioxin toxicity--xenobiotic misappropriation of the aryl hydrocarbon receptor's alternative physiological roles.

Estimates of cancer potency of 2,3,7,8-tetrachlorodibenzo(p)dioxin using linear and nonlinear dose-response modeling and toxicokinetics.

A single exposure to particulate or gaseous air pollution increases the risk of aconitine-induced cardiac arrhythmia in hypertensive rats.

Effects of acute gamma-irradiation on the aquatic microbial microcosm in comparison with chemicals.

Mst1-FoxO signaling protects Na⁺-ve T lymphocytes from cellular oxidative stress in mice.

Glycome and transcriptome regulation of vasculogenesis.

Modulation of arsenic trioxide-induced apoptosis by genistein and functionally related agents in U937 human leukaemia cells. Regulation by ROS and mitogen-activated protein kinases.

Towards the mechanism and comparative effect of diphenyl diselenide, diphenyl ditelluride and ebselen under various pathophysiological conditions in rat's kidney preparation.

Antioxidant defense system in rats simultaneously intoxicated with agrochemicals.

A novel approach using DNA-repair-deficient chicken DT40 cell lines for screening and characterizing the genotoxicity of environmental contaminants.

Hemangiomas, angiosarcomas, and vascular malformations represent the signaling abnormalities of pathogenic angiogenesis.

An ecological risk assessment of the acute and chronic effects of the herbicide clopyralid to rainbow trout (*Oncorhynchus mykiss*).

Beta-naphthoflavone causes an AhR-independent inhibition of invasion and intracellular multiplication of *Listeria monocytogenes* in murine hepatocytes.

Knockdown of the aryl hydrocarbon receptor attenuates excitotoxicity and enhances NMDA-induced BDNF expression in cortical neurons.

Simultaneous in vivo time course and dose response evaluation for TCDD-induced impairment of the LPS-stimulated primary IgM response.

GintPDX1 encodes a protein involved in vitamin B6 biosynthesis that is up-regulated by oxidative stress in the arbuscular mycorrhizal fungus *Glomus intraradices*.

Changes in iron-regulatory proteins in the aged rodent neural retina.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) poisoning in Victor Yushchenko: identification and measurement of TCDD metabolites.

Preventive effect of piperonyl butoxide on cyclophosphamide-induced teratogenesis in rats.

Fungicide risk assessment for aquatic ecosystems: importance of interspecific variation, toxic mode of action, and exposure regime.

Comparison of supplements to enhance recovery of heat-injured Salmonella from egg albumen.

Taurine prevents arsenic-induced cardiac oxidative stress and apoptotic damage: role of NF-kappa B, p38 and JNK MAPK pathway.

Development of a flow-through system for the fish embryo toxicity test (FET) with the zebrafish (*Danio rerio*).

Oxidative inactivation of mitochondrial aconitase results in iron and H₂O₂-mediated neurotoxicity in rat primary mesencephalic cultures.

Acacia Senegal gum exudate offers protection against cyclophosphamide-induced urinary bladder cytotoxicity.

Inhibitory effects of guarana seed extract on passive cutaneous anaphylaxis and mast cell degranulation.

Systematic gene expression profile of hypothalamus in calorie-restricted mice implicates the involvement of mTOR signaling in neuroprotective activity.

Thiamin confers enhanced tolerance to oxidative stress in *Arabidopsis*.

Cytotoxicity of spermine oxidation products to multidrug resistant melanoma M14 ADR2 cells: sensitization by the MDL 72527 lysosomotropic compound.

Activation of the aryl hydrocarbon receptor during different critical windows in pregnancy alters mammary epithelial cell proliferation and differentiation.

Protection of human cultured cells against oxidative stress by *Rhodiola rosea* without activation of antioxidant defenses.

Gene expression analysis in zebrafish embryos: a potential approach to predict effect concentrations in the fish early life stage test.

Impaired arsenic metabolism in children during weaning.

Endoplasmic reticulum stress-induced cell death in dopaminergic cells: effect of resveratrol.

Chronic low-level arsenic exposure causes gender-specific alterations in locomotor activity, dopaminergic systems, and thioredoxin expression in mice.

Pharmacometabonomic identification of a significant host-microbiome metabolic interaction affecting human drug metabolism.

Dehydroascorbate protection against dioxin-induced toxicity in the beta-cell line INS-1E.

Estrogen signaling is not required for prostatic bud patterning or for its disruption by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Identification of water soluble and particle bound compounds causing sublethal toxic effects. A field study on sediments affected by a chlor-alkali industry.

Rescue of anaemia and autoimmune responses in SOD1-deficient mice by transgenic expression of human SOD1 in erythrocytes.

A forward genetic screen in *Drosophila* implicates insulin signaling in age-related locomotor impairment.

The role of aryl hydrocarbon receptor in regulation of enzymes involved in metabolic activation of polycyclic aromatic hydrocarbons in a model of rat liver progenitor cells.

Evaluation of a novel inhalation exposure system to determine acute respiratory responses to tobacco and polymer pyrolysate mixtures in Swiss-Webster mice.

Effect of chronic exposure to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin in female rats on ovarian gene expression.

Reactive oxygen species as cardiovascular mediators: lessons from endothelial-specific protein overexpression mouse models.

Oral charcoal adsorbent (AST-120) prevents progression of cardiac damage in chronic kidney disease through suppression of oxidative stress.

Arsenic induces telomerase expression and maintains telomere length in human cord blood cells.

Transcription factor Nrf2 mediates an adaptive response to sulforaphane that protects fibroblasts in vitro against the cytotoxic effects of electrophiles, peroxides and redox-cycling agents.

Caenorhabditis elegans LRK-1 and PINK-1 act antagonistically in stress response and neurite outgrowth.

Chiral analysis of anti-acquired immunodeficiency syndrome drug, 9-(R)-[2-(phosphonomethoxy)propyl]adenine (tenofovir), and related antiviral acyclic nucleoside phosphonates by CE using beta-CD as chiral selector.

Fe²⁺ and Fe³⁺ initiated peroxidation of sonicated and non-sonicated liposomes made of retinal lipids in different aqueous media.

Cell death mechanisms in GT1-7 GnRH cells exposed to polychlorinated biphenyls PCB74, PCB118, and PCB153.

Glucose 6-phosphate dehydrogenase is regulated through c-Src-mediated tyrosine phosphorylation in endothelial cells.

Pediocin A modulates intestinal microflora metabolism in swine in vitro intestinal fermentations.

CYP1A1 and CYP1A2 expression: comparing 'humanized' mouse lines and wild-type mice; comparing human and mouse hepatoma-derived cell lines.

Iodomethane human health risk characterization.

Evaluation of possible modes of action for acute effects of methyl iodide in laboratory animals.

Folate, Cobalamin, Cysteine, Homocysteine, and Arsenic Metabolism among Children in Bangladesh.

Characterization of the chronic risk and hazard of hazardous air pollutants in the United States using ambient monitoring data.

Dynamic behavior of Arabidopsis eIF4A-III, putative core protein of exon junction complex: fast relocation to nucleolus and splicing speckles under hypoxia.

Dioxin-induced up-regulation of the active form of vitamin D is the main cause for its inhibitory action on osteoblast activities, leading to developmental bone toxicity.

Persistent adverse effects on health and reproduction caused by exposure of zebrafish to 2,3,7,8-tetrachlorodibenzo-p-dioxin during early development and gonad differentiation.

Sustaining hypercitrullinemia, hypercholesterolemia and augmented oxidative stress in Japanese children with aspartate/glutamate carrier isoform 2-citrin-deficiency even during the silent period.

Preliminary results of small arterial substitute performed with a new cylindrical biomaterial composed of bacterial cellulose.

Short-term exposure to dioxin impairs bone tissue in male rats.

Using Biomonitoring Equivalents to interpret human biomonitoring data in a public health risk context.

Role of the bed nucleus of the stria terminalis in the cardiovascular responses to acute restraint stress in rats.

Sodium azide induced neuronal damage in vitro: evidence for non-apoptotic cell death.

Transgenic mouse lines expressing rat AH receptor variants--a new animal model for research on AH receptor function and dioxin toxicity mechanisms.

Gene expression profiling in rat liver treated with compounds inducing elevation of bilirubin.

Influence of inorganic and organic iron compounds on parameters of cell growth and survival in human colon cells.

Hepatoprotective and curative properties of Kombucha tea against carbon tetrachloride-induced toxicity.

Accelerated degradation of metam-sodium in soil and consequences for root-disease management.

Involvement of Blimp-1 and AP-1 dysregulation in the 2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated suppression of the IgM response by B cells.

Effects of 3,4-dichloroaniline and diazinon on different biological organisation levels of zebrafish (*Danio rerio*) embryos and larvae.

Chronic effects of polychlorinated dibenzofurans on mink in laboratory and field environments.

Multiple adverse thyroid and metabolic health signs in the population from the area heavily polluted by organochlorine cocktail (PCB, DDE, HCB, dioxin).

In vivo and in vitro evaluation of an *Acetobacter xylinum* synthesized microbial cellulose membrane intended for guided tissue repair.

Aldose reductase decreases endoplasmic reticulum stress in ischemic hearts.

Effects of prometryne on apoptosis and necrosis in thymus, lymph node and spleen in mice.

Studies on histopathological changes in the gill, liver and kidney of *Channa punctatus* (Bloch) exposed to Alachlor.

Experimental study of the tissue reaction caused by the presence of cellulose produced by *Acetobacter xylinum* in the nasal dorsum of rabbits.

Activated toxicity of diesel particulate extract by ultraviolet a radiation in mammalian cells: role of singlet oxygen.

5,7-dihydroxy-3,4,6-trimethoxyflavone inhibits the inflammatory effects induced by *Bacteroides fragilis* enterotoxin via dissociating the complex of heat shock protein 90 and I kappaB alpha and I kappaB kinase-gamma in intestinal epithelial cell culture.

Nitrous oxide emissions for early warning of biological nitrification failure in activated sludge.

The dioxin receptor regulates the constitutive expression of the *vav3* proto-oncogene and modulates cell shape and adhesion.

Identification of disinfection by-products of selected triazines in drinking water by LC-Q-ToF-MS/MS and evaluation of their toxicity.

Developmental mechanisms of arsenite toxicity in zebrafish (*Danio rerio*) embryos.

New insights into the role of Fur proteins: FurB (AlI2473) from *Anabaena* protects DNA and increases cell survival under oxidative stress.

Neuroprotective role of delta-opioid receptors against mitochondrial respiratory chain injury.

Carbonyl Compounds and Toxicity Assessments of Emissions from a Diesel Engine Running on Biodiesels.

[Sub-chronic toxicity of cyanogen chloride on mice].

Optical waveguide light-mode spectroscopy immunosensors for environmental monitoring.

The use of microelectrode array (MEA) to study the protective effects of potassium channel openers on metabolically compromised HL-1 cardiomyocytes.

New ifosfamide analogs designed for lower associated neurotoxicity and nephrotoxicity with modified alkylating kinetics leading to enhanced in vitro anticancer activity.

Hypergravity induces ATP release and actin reorganization via tyrosine phosphorylation and RhoA activation in bovine endothelial cells.

Refractory cardiopulmonary failure after glyphosate surfactant intoxication: a case report.

Effects of arsenic exposure from drinking water on spatial memory, ultra-structures and NMDAR gene expression of hippocampus in rats.

Method development for the determination of teicoplanin in patient serum by solid phase extraction and micellar electrokinetic chromatography.

Microbial cellulose wound dressing in the treatment of nonhealing lower extremity ulcers.

Early biochemical and morphological modifications in the brain of a transgenic mouse model of Alzheimer's disease: a role for peroxisomes.

Establishment of plant regeneration and cryopreservation system from zygotic embryo-derived embryogenic cell suspension cultures of *Ranunculus kazusensis*.

Proteomic analysis of the rat ovary following chronic low-dose exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

A simple efficient technique of 'mid-dilution' on-line hemodiafiltration.

The role of polyamine metabolism in neuronal injury following cerebral ischemia.

Lidocaine prevents referred hyperalgesia associated with cystitis.

Green tea extract increases cyclophosphamide-induced teratogenesis by modulating the expression of cytochrome P-450 mRNA.

Role of the cyclooxygenase 2-thromboxane pathway in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced decrease in mesencephalic vein blood flow in the zebrafish embryo.

Altered stored calcium release in skeletal myotubes deficient of triadin and junctin.

Levels of urinary total and speciated arsenic in the US population: National Health and Nutrition Examination Survey 2003-2004.

Development of a toxicity identification evaluation protocol using chlorophyll-a fluorescence in a marine microalga.

Effects of subchronic coexposure to arsenic and endosulfan on the erythrocytes of broiler chickens: a biochemical study.

Molecular mechanisms of the conjugated alpha,beta-unsaturated carbonyl derivatives: relevance to neurotoxicity and neurodegenerative diseases.

Effects of atrazine on female Wistar rats: morphological alterations in ovarian follicles and immunocytochemical labeling of 90 kDa heat shock protein.

Letter regarding: "Paraquat: the red herring of Parkinson's disease research".

Activation of NF-kappaB p65/c-Rel dimer is associated with neuroprotection elicited by mGlu5 receptor agonists against MPP(+) toxicity in SK-N-SH cells.

Aquatic risk assessment of herbicides in freshwater ecosystems of South Florida.

Comparison of the time courses of selective gene expression and dopaminergic depletion induced by MPP+ in MN9D cells.

Gestational exposure to atrazine: effects on the postnatal development of male offspring.

Cytotoxic, genotoxic and cell-cycle disruptive effects of thio-dimethylarsinate in cultured human cells and the role of glutathione.

Antioxidant and antimutagenic properties of the monoterpene indole alkaloid psychollatine and the crude foliar extract of *Psychotria umbellata* Vell.

A gene-shuffled glyphosate acetyltransferase protein from *Bacillus licheniformis* (GAT4601) shows no evidence of allergenicity or toxicity.

Do we have to incorporate ecological interactions in the sensitivity assessment of ecosystems? An examination of a theoretical assumption underlying species sensitivity distribution models.

Paraquat toxicity in a mouse embryonic stem cell model.

Toxicity and effects of a glyphosate-based herbicide on the Neotropical fish *Prochilodus lineatus*.

Effects of prevalent freshwater chemical contaminants on in vitro growth of *Escherichia coli* and *Klebsiella pneumoniae*.

Acute toxicity of pesticides to the tropical freshwater shrimp *Caridina laevis*.

Examining the joint toxicity of chlorpyrifos and atrazine in the aquatic species: *Lepomis macrochirus*, *Pimephales promelas* and *Chironomus tentans*.

Reduction of paraquat-induced renal cytotoxicity by manganese and copper complexes of EGTA and EHPG.

Hydralazine inhibits compression and acrolein-mediated injuries in ex vivo spinal cord.

Subchronic inhalation of mixtures of cigarette smoke constituents in Xpa^{-/-}p53^{+/-} knock-out mice: a comparison of intermittent with semi-continuous exposure to acetaldehyde, formaldehyde, and acrolein.

Gene expression profiling reveals decreased expression of two hemoglobin genes associated with increased consumption of oxygen in *Chironomus tentans* exposed to atrazine: a possible mechanism for adapting to oxygen deficiency.

Arsenic speciation analysis in human saliva.

Neuroprotective effects of (-)-epigallocatechin-3-gallate (EGCG) on paraquat-induced apoptosis in PC12 cells.

Anti-TGF-beta1 antibody: an effective treatment for lung injury caused by paraquat in the future.

Bioaccumulation, sublethal toxicity, and biotransformation of sediment-associated pentachlorophenol in *Lumbriculus variegatus* (*Oligochaeta*).

Pneumoproteins as markers of paraquat lung injury: a clinical case.

Pretreatment with near-infrared light via light-emitting diode provides added benefit against rotenone- and MPP⁺-induced neurotoxicity.

Effects of acrolein on leukotriene biosynthesis in human neutrophils.

Genome-wide transcriptional responses to acrolein.

[32 patients of acute fulminant paraquat poisoning].

Acute systemic paraquat intoxication: survival without long-term complications.

Trifluralin-induced disorganization of microtubular cytoskeleton alters the development of roots in *Hordeum vulgare* L.

The effect of alpha-synuclein knockdown on MPP⁺ toxicity in models of human neurons.

Biochemical effects of clomazone herbicide on piava (*Leporinus obtusidens*).

Hepatoma tissue culture (HTC) cells as a model for investigating the effects of low concentrations of herbicide on cell structure and function.

Trifluoroethanol increases albumin's susceptibility to chemical modification.

1-Methyl-4-phenyl-pyridinium ion-induced oxidative stress, c-Jun phosphorylation and DNA fragmentation factor-45 cleavage in SK-N-SH cells are averted by selegiline.

Polyhydroxylated fullerene derivative C(60)(OH)(24) prevents mitochondrial dysfunction and oxidative damage in an MPP⁺-induced cellular model of Parkinson's disease.

Prostaglandin analogue misoprostol attenuates neurotoxin 1-methyl-4-phenylpyridinium-induced mitochondrial damage and cell death in differentiated PC12 cells.

[Impact of glyphosate and acetochlor on *Dugesia japonica* ingestion and regeneration].

S-ethyl-N,N-dipropylthiocarbamate exposure and cancer incidence among male pesticide applicators in the agricultural health study: a prospective cohort.

Effects of low concentrations of herbicides on full-season, field-grown potatoes.

Rhabdomyolysis from an intramuscular injection of glyphosate-surfactant herbicide.

Constraints on the evolution of tolerance to herbicide in the common morning glory: resistance and tolerance are mutually exclusive.

Acute toxicity of atrazine, endosulfan sulphate and chlorpyrifos to *Vibrio fischeri*, *Thamnocephalus platyurus* and *Daphnia magna*, relative to their concentrations in surface waters from the Alentejo region of Portugal.

Agent Orange exposure, Vietnam War veterans, and the risk of prostate cancer.

Effects of subchronic exposure to LASSO MTX (alachlor 42% W/V) on hematological indices and histology of the common Carp, *Cyprinus carpio* L.

Toxic effects of chlorate on three plant species inoculated with arbuscular mycorrhizal fungi.

Toxicity assessment of the herbicides sulcotrione and mesotrione toward two reference environmental microorganisms: *Tetrahymena pyriformis* and *Vibrio fischeri*.

Mitochondrial uncouplers act synergistically with the fumigant phosphine to disrupt mitochondrial membrane potential and cause cell death.

Potential developmental neurotoxicity of pesticides used in Europe.

Contact dermatitis in dairy cattle caused by calcium cyanamide.

[Experimental study on therapeutic efficacy of tetrandrine on lung injury induced by acute of paraquat poisoning].

[Influence of pyrrolidine dithiocarbamate (PDTC) on expression of transforming growth factor beta(1), matrix metalloproteinase-2 and tissue inhibitor-1 of metalloproteinase in rats with pulmonary damage induced by paraquat].

Effects of subchronic metribuzin exposure on common carp (*Cyprinus carpio*).

The involvement of nitric oxide in maneb- and paraquat-induced oxidative stress in rat polymorphonuclear leukocytes.

Protective effect of estrogen on apoptosis in a cell culture model of Parkinson's disease.

Spermatogenesis, epididymis morphology and plasma sex steroid secretion in the male lizard *Podarcis sicula* exposed to diuron.

Pesticide exposure as risk factor for non-Hodgkin lymphoma including histopathological subgroup analysis.

Paraquat exposure reduces nicotinic receptor-evoked dopamine release in monkey striatum.

Comparison of the Qwiklite algal bioluminescence test with marine algal growth rate inhibition bioassays.

Difference in the sensitivity to chemical compounds between female and male neonates of *Daphnia magna*.

Oral mucosal response to exposure to diquat: a rare occupational injury.

Mitochondrial complex I inhibition is not required for dopaminergic neuron death induced by rotenone, MPP+, or paraquat.

Role of TRPM8 and TRPA1 for cold allodynia in patients with cold injury.

Genotoxic pressure of vineyard pesticides in fish: field and mesocosm surveys.

[Clinical study on treatment of acute paraquat poisoning].

An outbreak of fatal pneumonitis caused by contamination of illicit alcohol with paraquat.

Acute alachlor and butachlor herbicide poisoning.

[Adaptive response on life span alteration in *Drosophila melanogaster* strains with mutations in heat shock factor and heat shock proteins genes].

Accidental scrotal burns from paraquat while handling a patient.

A case of paraquat intoxication caused by intravenous injection.

Effects of the mixture of diquat and a nonylphenol polyethoxylate adjuvant on fecundity and progeny early performances of the pond snail *Lymnaea stagnalis* in laboratory bioassays and microcosms.

Cortisol response to acute stress in jundiã *Rhamdia quelen* acutely exposed to sub-lethal concentrations of agrichemicals.

Establishing the use of melatonin as an adjuvant therapeutic against paraquat-induced lung toxicity in rats.

Nonredundant functions of alphabeta and gammadelta T cells in acrolein-induced pulmonary pathology.

Safe storage of pesticides in Sri Lanka - identifying important design features influencing community acceptance and use of safe storage devices.

Acrolein health effects.

Functionalized mesoporous silica nanoparticle-based drug delivery system to rescue acrolein-mediated cell death.

Genotoxic effects of Roundup on the fish *Prochilodus lineatus*.

Biomonitoring Equivalent (BE) dossier for 2,4-dichlorophenoxyacetic acid (2,4-D) (CAS No. 94-75-7).

The cannabinoid CP55,940 prolongs survival and improves locomotor activity in *Drosophila melanogaster* against paraquat: implications in Parkinson's disease.

Atrazine exposure decreases cell proliferation in Chinese Hamster Ovary (CHO-K1) cell line.

Neonatal hypomyelination by the herbicide 2,4-dichlorophenoxyacetic acid. Chemical and ultrastructural studies in rats.

Comparative effects of the herbicides dicamba, 2,4-D and paraquat on non-green potato tuber calli.

Effects of glufosinate on antioxidant enzymes, subcellular structure, and gene expression in the unicellular green alga *Chlorella vulgaris*.

Mechanism of trifluralin-induced thyroid tumors in rats.

Discriminating the molecular basis of hepatotoxicity using the large-scale characteristic molecular signatures of toxicants by expression profiling analysis.

Growth and protein metabolism in red drum (*Sciaenops ocellatus*) larvae exposed to environmental levels of atrazine and malathion.

Cytotoxicity of combinations of arsenicals on rat urinary bladder urothelial cells in vitro.

[Change of JNK and c-Jun in lung injury associated with paraquat poisoning of rats].

Pesticide-associated pemphigus vulgaris.

The effectiveness of combined treatment with methylprednisolone and cyclophosphamide in oral paraquat poisoning.

Association between plasma paraquat level and outcome of paraquat poisoning in 375 paraquat poisoning patients.

How irritating: the role of TRPA1 in sensing cigarette smoke and aerogenic oxidants in the airways.

Results of a 13-week safety assurance study with rats fed grain from corn rootworm-protected, glyphosate-tolerant MON 88017 corn.

Blockade of NGF and trk receptors inhibits increased peripheral mechanical sensitivity accompanying cystitis in rats.

Effect of a toxicant on phagocytosis pathways in the freshwater snail *Lymnaea stagnalis*.

Role of protein kinase Cdelta in paraquat-induced glial cell death.

The in vivo gene expression signature of oxidative stress.

Modulation of signal transduction pathways in lymphocytes due to sub-lethal toxicity of chlorinated phenol.

Severe acute poisoning due to a glufosinate containing preparation without mitochondrial involvement.

Comparative transcriptomic responses to chronic cadmium, fluoranthene, and atrazine exposure in *Lumbricus rubellus*.

Hypokalemia and hypothermia are associated with 30-day mortality in patients with acute paraquat poisoning.

Triptolide protects against 1-methyl-4-phenyl pyridinium-induced dopaminergic neurotoxicity in rats: implication for immunosuppressive therapy in Parkinson's disease.

Acrolein consumption exacerbates myocardial ischemic injury and blocks nitric oxide-induced PKCepsilon signaling and cardioprotection.

Subchronic feeding study of herbicide-tolerant soybean DP-356⁴³⁻⁵ in Sprague-Dawley rats.

Protein alkylation, transcriptional responses and cytochrome c release during acrolein toxicity in A549 cells: influence of nucleophilic culture media constituents.

Maneb potentiates paraquat neurotoxicity by inducing key Bcl-2 family members.

Responses of chronically contaminated biofilms to short pulses of diuron. An experimental study simulating flooding events in a small river.

Human ApoD, an apolipoprotein up-regulated in neurodegenerative diseases, extends lifespan and increases stress resistance in *Drosophila*.

[Diuron degradation process and change of toxicity by gamma-irradiation].

Acute toxic hazard evaluations of glyphosate herbicide on terrestrial vertebrates of the Oregon coast range.

Reduced toxicological activity of cigarette smoke by the addition of ammonia magnesium phosphate to the paper of an electrically heated cigarette: subchronic inhalation toxicology.

Toxicity of carbaryl, diquat dibromide, and fluoranthene, individually and in mixture, to larval grass shrimp, *Palaemonetes pugio*.

Variation in somatic and ovarian development: predicting susceptibility of amphibians to estrogenic contaminants.

Toxicity of the herbicide glyphosate to *Chordodes nobilii* (Gordiida, Nematomorpha).

Response to "Paraquat: the red herring of Parkinson's disease research".

Evaluation of DNA damage in Chinese toad (*Bufo bufo gargarizans*) after in vivo exposure to sublethal concentrations of four herbicides using the comet assay.

[Change of endothelin-1 and nitrogen monoxide in rats with paraquat poisoning].

[Treatment of acrolein inhalation induced lung injury].

Carbonyl-scavenging drugs & protection against carbonyl stress-associated cell injury.

Acrolein induces inflammatory response underlying endothelial dysfunction: a risk factor for atherosclerosis.

Induction of COX-2 expression by acrolein in the rat model of hemorrhagic cystitis.

Combined repeated dose and reproductive/developmental toxicity screening test of the nitrophenolic herbicide dinoseb, 2-sec-butyl-4,6-dinitrophenol, in rats.

Herbicides, glyphosate resistance and acute mammalian toxicity: simulating an environmental effect of glyphosate-resistant weeds in the USA.

Enantioselective degradation and ecotoxicity of the chiral herbicide diclofop in three freshwater alga cultures.

[Study on the expression of matrix metalloproteinase-9 in lung fibroblasts of rat with acute paraquat poisoning].

Acute renal failure induced by bentazone: 2 case reports and a comprehensive review.

Influence of toxicity and dissipation of racemic fenoxaprop and its R-enantiomer in *Scenedesmus obliquus* suspension by cyclodextrins.

Acute pancreatitis caused by severe glyphosate-surfactant oral intoxication.

A fatal intoxication from ingestion of 2-methyl-4-chlorophenoxyacetic acid (MCPA).

Differential phosphorylation of translation initiation regulators 4EBP1, S6k1, and Erk 1/2 following inhibition of alcohol metabolism in mouse heart.

Using accelerated life testing procedures to compare the relative sensitivity of rainbow trout and the federally listed threatened bull trout to three commonly used rangeland herbicides (picloram, 2,4-D, and clopyralid).

Metabolic acidosis in prometryn (triazine herbicide) self-poisoning.

The *C. elegans* Opa1 homologue EAT-3 is essential for resistance to free radicals.

Protective effect of prion protein via the N-terminal region in mediating a protective effect on paraquat-induced oxidative injury in neuronal cells.

New formulation of paraquat: a step forward but in the wrong direction.

Improvement in survival after paraquat ingestion following introduction of a new formulation in Sri Lanka.

Application of physiological computational fluid dynamics models to predict interspecies nasal dosimetry of inhaled acrolein.

Respiratory tract responses in male rats following subchronic acrolein inhalation.

Perturbation of organogenesis by the herbicide atrazine in the amphibian *Xenopus laevis*.

Comparative cytotoxicity of alachlor, acetochlor, and metolachlor herbicides in isolated rat and cryopreserved human hepatocytes.

Protective effects of a new metalloporphyrin on paraquat-induced oxidative stress and apoptosis in N27 cells.

Separation and aquatic toxicity of enantiomers of 1-(substituted phenoxyacetoxy)alkylphosphonate herbicides.

A stochastic simulation procedure for selecting herbicides with minimum environmental impact.

Effects of atrazine on fish, amphibians, and aquatic reptiles: a critical review.

Identification of genes associated with paraquat-induced toxicity in SH-SY5Y cells by PCR array focused on apoptotic pathways.

Coupling endoplasmic reticulum stress to the cell death program in dopaminergic cells: effect of paraquat.

Protective effects of ethyl pyruvate treatment on paraquat-intoxicated rats.

Pesticides, soft-tissue sarcoma and non-Hodgkin lymphoma--historical aspects on the precautionary principle in cancer prevention.

Pesticides, soft tissue sarcoma and non-Hodgkin lymphoma.

Allergic contact dermatitis with a fertilizer containing hydrogen cyanamide (Dormex).

Pesticide-related dermatitis in Saku district, Japan, 1975-2000.

Paraquat-induced apoptosis in human neuroblastoma SH-SY5Y cells: involvement of p53 and mitochondria.

Acrolein: sources, metabolism, and biomolecular interactions relevant to human health and disease.

Keap1/Nrf2 signaling regulates oxidative stress tolerance and lifespan in *Drosophila*.

Paraquat poisonings: mechanisms of lung toxicity, clinical features, and treatment.

Inhibitory effects of atrazine on *Chlorella vulgaris* as assessed by real-time polymerase chain reaction.

Neurotoxicity of pesticides: a brief review.

Protective effect of Pycnogenol in human neuroblastoma SH-SY5Y cells following acrolein-induced cytotoxicity.

Photoreceptor oxidative damage in sympathetic ophthalmia.

Increased vulnerability to rotenone-induced neurotoxicity in ceruloplasmin-deficient mice.

Cannabinoid receptor 2 is increased in acutely and chronically inflamed bladder of rats.

UCP2 modulates cell proliferation through the MAPK/ERK pathway during erythropoiesis and has no effect on heme biosynthesis.

Modulation of reactive oxygen species by antioxidants in chronic myeloid leukemia cells enhances imatinib sensitivity through survivin downregulation.

Dihydrocapsaicin (DHC), a saturated structural analog of capsaicin, induces autophagy in human cancer cells in a catalase-regulated manner.

Critical role of acrolein in secondary injury following ex vivo spinal cord trauma.

Reduction in the anxiolytic effects of ethanol by centrally formed acetaldehyde: the role of catalase inhibitors and acetaldehyde-sequestering agents.

Agrochemicals increase trematode infections in a declining amphibian species.

Tyrosine phosphatase SHP-1 in oxidative stress and development of allergic airway inflammation.

Acrolein, the toxic endogenous aldehyde, induces neurofilament-L aggregation.

Activation of aldehyde dehydrogenase-2 reduces ischemic damage to the heart.

Modulation of the neuronal response to ischaemia by somatostatin analogues in wild-type and knock-out mouse retinas.

Gene expression profiles of mouse striatum in control and maneb + paraquat-induced Parkinson's disease phenotype: validation of differentially expressed energy metabolizing transcripts.

Plasma acrolein levels and their association with delayed ischemic neurological deficits following aneurysmal subarachnoid haemorrhage: a pilot study.

Cyclooxygenase-2 deficiency modifies the neurochemical effects, motor impairment and co-morbid anxiety provoked by paraquat administration in mice.

Cigarette smoke-induced neurogenic inflammation is mediated by alpha,beta-unsaturated aldehydes and the TRPA1 receptor in rodents.

Acrolein inhalation suppresses lipopolysaccharide-induced inflammatory cytokine production but does not affect acute airways neutrophilia.

The biochemistry of heme biosynthesis.

Catalytic metalloporphyrin protects against paraquat neurotoxicity in vivo.

Tolerance to disulfiram induced by chronic alcohol intake in the rat.

Oxidative stress as a biomarker of respiratory disturbance in patients with severe motor and intellectual disabilities.

Eosinophilia among returning travelers: a practical approach.

Activities of 7-nitroindazole and 1-(2-(trifluoromethylphenyl)-imidazole independent of neuronal nitric-oxide synthase inhibition.

Evaluation of micronucleus frequencies in blood lymphocytes from smelting plant workers exposed to arsenic.

Acrolein-activated matrix metalloproteinase 9 contributes to persistent mucin production.

Enhanced autophagy and mitochondrial aberrations in murine G(M1)-gangliosidosis.

Adipose tissue-specific PPARgamma deficiency increases resistance to oxidative stress.

Paraquat neurotoxicity is mediated by a Bak-dependent mechanism.

Contribution of the SitABCD, MntH, and FeoB metal transporters to the virulence of avian pathogenic Escherichia coli O78 strain chi7122.

Recruiting strategy and 24-hour biomonitoring of paraquat in agricultural workers.

Chronic intraventricular administration of 1-methyl-4-phenylpyridinium as a progressive model of Parkinson's disease.

Glyphosate inhibition of ferric reductase activity in iron deficient sunflower roots.

A critical role of superoxide anion in selenite-induced mitophagic cell death.

A novel bioluminescent bacterial biosensor using the highly specific oxidative stress-inducible pgi gene.

Down-regulation of aldose reductase renders J774A.1 cells more susceptible to acrolein- or hydrogen peroxide-induced cell death.

Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in C57BL6 mice following subchronic exposure to arsenate in drinking water.

Paraquat inhibits postsynaptic AMPA receptors on dopaminergic neurons in the substantia nigra pars compacta.

Inhibition of acrolein-stimulated MUC5AC production by fucoidan in human bronchial epithelial cells.

Secondary mutations correct fitness defects in *Toxoplasma gondii* with dinitroaniline resistance mutations.

Quinlorac-induced cell death is accompanied by generation of reactive oxygen species in maize root tissue.

Tear cytokine and ocular surface alterations following brief passive cigarette smoke exposure.

Sperm mitochondrial integrity is not required for hyperactivated motility, zona binding, or acrosome reaction in the rhesus macaque.

Apolipoprotein D is involved in the mechanisms regulating protection from oxidative stress.

Catabolism of glutathione conjugates in *Arabidopsis thaliana*. Role in metabolic reactivation of the herbicide safener fenclorim.

Cell death activation during cavitation of embryoid bodies is mediated by hydrogen peroxide.

Carbon source-dependent variation of acquired mutagen resistance of *Moniliophthora perniciosa*: similarities in natural and artificial systems.

Chronic ethanol ingestion alters xenobiotic absorption through the skin: potential role of oxidative stress.

Cinnamaldehyde inhibits the tumor necrosis factor- α -induced expression of cell adhesion molecules in endothelial cells by suppressing NF- κ B activation: effects upon I κ B and Nrf2.

Anti-inflammation activities of essential oil and its constituents from indigenous cinnamon (*Cinnamomum osmophloeum*) twigs.

Genotoxicity of triasulfuron in the wing spot test of *Drosophila melanogaster* is modulated by winter wheat seedlings.

Loss of tafazzin in yeast leads to increased oxidative stress during respiratory growth.

Developmental exposure to endocrine disruptor chemicals alters follicular dynamics and steroid levels in *Caiman latirostris*.

Lipoamide protects retinal pigment epithelial cells from oxidative stress and mitochondrial dysfunction.

Fibroblasts from naked mole-rats are resistant to multiple forms of cell injury, but sensitive to peroxide, ultraviolet light, and endoplasmic reticulum stress.

Primary effect of bromoxynil to induce plant cell death may be cytosol acidification.

Identification of the major arsenic-binding protein in rat plasma as the ternary dimethylarsinous-hemoglobin-haptoglobin complex.

Preventing cell death induced by carbonyl stress, oxidative stress or mitochondrial toxins with vitamin B anti-AGE agents.

Phyllostoxin and phyllostin, bioactive metabolites produced by *Phyllosticta cirsii*, a potential mycoherbicide for *Cirsium arvense* biocontrol.

Distribution and function of the hydrogen sulfide-sensitive TRPA1 ion channel in rat urinary bladder.

Glufosinate ammonium-induced pathogen inhibition and defense responses culminate in disease protection in bar-transgenic rice.

Characterization of the transcriptional profile in primary astrocytes after oxidative stress induced by Paraquat.

An unusual and serious complication of topical wart treatment with monochloroacetic acid.

Sodium azide induces necrotic cell death in rat squamous cell carcinoma SCC131.

Genetic differences in sensitivity to alterations of mandible structure caused by the teratogen 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Maternal administration of betamethasone inhibits proliferation induced by fetal tracheal occlusion in the nitrofen rat model for congenital diaphragmatic hernia: a placebo-controlled study.

Abnormal development of tracheal innervation in rats with experimental diaphragmatic hernia.

Dihydrolipoic acid inhibits tetrachlorohydroquinone-induced tumor promotion through prevention of oxidative damage.

Quercetin prevents necrotic cell death induced by co-exposure to benzo(a)pyrene and UVA radiation.

Hypertension, cardiac hypertrophy, and impaired vascular relaxation induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin are associated with increased superoxide.

Aryl hydrocarbon receptor-mediated down-regulation of *sox9b* causes jaw malformation in zebrafish embryos.

Carbamylated low-density lipoprotein induces proliferation and increases adhesion molecule expression of human coronary artery smooth muscle cells.

Synthesis of biologically active N-methyl derivatives of amidines and cyclized five-membered products of amidines with oxalyl chloride.

Protective effect of unsymmetrical dichalcogenide, a novel antioxidant agent, in vitro and an in vivo model of brain oxidative damage.

Arsenic-induced neurotoxicity in relation to toxicokinetics: effects on sciatic nerve proteins.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) affects bone tissue in rhesus monkeys.

Induction of cytoplasmic accumulation of p53: a mechanism for low levels of arsenic exposure to predispose cells for malignant transformation.

Effectiveness of two programs of intermittent ferrous supplementation for treating iron-deficiency anemia in infants: randomized clinical trial.

Dioxins and cardiovascular disease mortality.

Effects of 3-methyl-4-nitrophenol on the reproductive toxicity in female Japanese quail (*Coturnix japonica*).

Ferrous gluconate and ferrous sulfate added to a complementary food distributed by the Mexican nutrition program Oportunidades have a comparable efficacy to reduce iron deficiency in toddlers.

New insights into uremic toxicity.

Semisynthesis and antiplasmodial activity of the quinoline alkaloid aurachin E.

Elevated expression of CYP1A1 and gamma-SYNUCLEIN in human ectopic (ovarian) endometriosis compared with eutopic endometrium.

Omeprazole alleviates benzo[a]pyrene cytotoxicity by inhibition of CYP1A1 activity in human and mouse hepatoma cells.

Causal relationship of *Helicobacter pylori* with iron-deficiency anemia or failure of iron supplementation in children.

Maternal and developmental toxicity study of sodium azide in rats.

Clinical outcome of the endodontic treatment of teeth with apical periodontitis using an antimicrobial protocol.

Characterization of the transduction pathway involved in c-fos and c-jun expression induced by *Aggregatibacter actinomycetemcomitans* lipopolysaccharides in human gingival fibroblasts.

Endoscopic removal of iron bezoar following acute overdose.

Patterns of dioxin-altered mRNA expression in livers of dioxin-sensitive versus dioxin-resistant rats.

Spatial variations in the incidence of breast cancer and potential risks associated with soil dioxin contamination in Midland, Saginaw, and Bay Counties, Michigan, USA.

Transposition of the great arteries.

Combined administration of taurine and monoisoamyl DMSA protects arsenic induced oxidative injury in rats.

Perinatal TCDD exposure and the adult onset of autoimmune disease.

A comprehensive review of mercury provoked autism.

Impairment of short-term memory associated with low iron stores in a volunteer multidose plateletpheresis donor.

Ferric carboxymaltose injection in the treatment of postpartum iron deficiency anemia: a randomized controlled clinical trial.

[Severe esophagitis due to overdose of iron tablets].

Understanding the net effects of pesticides on amphibian trematode infections.

Blockade of the aryl hydrocarbon receptor pathway triggered by dioxin, polycyclic aromatic hydrocarbons and cigarette smoke by *Phellinus linteus*.

Parkinson disease: primacy of age as a risk factor for mitochondrial dysfunction.

Release kinetics of intact and degraded troponin I and T after irreversible cell damage.

Temporal metabonomic modeling of l-arginine-induced exocrine pancreatitis.

Effectiveness of daily and weekly iron supplementation in the prevention of anemia in infants.

Effects of uremic serum and uremic toxins on hepatic uptake of digoxin.

Perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure sensitizes offspring to angiotensin II-induced hypertension.

Urinary arsenic speciation and its correlation with 8-OHdG in Chinese residents exposed to arsenic through coal burning.

An enhanced postnatal autoimmune profile in 24 week-old C57BL/6 mice developmentally exposed to TCDD.

Critical role of cyclooxygenase-2 activation in pathogenesis of hydronephrosis caused by lactational exposure of mice to dioxin.

Antiteratogenic effect of resveratrol in mice exposed in utero to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Anti-estrogenic effect of dioxin on rat skeleton development].

Environmental exposures and adverse pregnancy outcomes: a review of the science.

Associations of environmental exposure to dioxins with prevalent diabetes among general inhabitants in Japan.

Association of polychlorinated biphenyls with hypertension in the 1999-2002 National Health and Nutrition Examination Survey.

Protective effects of GH and IGF-I against iron-induced lipid peroxidation in vivo.

Neuroprotection by *Spirulina platensis* protean extract and phycocyanin against iron-induced toxicity in SH-SY5Y neuroblastoma cells.

Liver is a target of arsenic carcinogenesis.

The effects of environmental neurotoxicants on the dopaminergic system: A possible role in drug addiction.

Accumulation of M1dG DNA adducts after chronic exposure to PCBs, but not from acute exposure to polychlorinated aromatic hydrocarbons.

Effect of bis (maltolato) oxovanadium (BMOV) in uric acid and sodium arsenite-induced vascular endothelial dysfunction in rats.

Functional characterization and gene expression analysis of CD4+ CD25+ regulatory T cells generated in mice treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Mitotic arrest-associated apoptosis induced by sodium arsenite in A375 melanoma cells is BUBR1-dependent.

Inhibition of function of T cell subpopulations and decrease in cytokine production during subacute poisoning with various toxicants.

Unique spatial and cellular expression patterns of Hoxa5, Hoxb4, and Hoxb6 proteins in normal developing murine lung are modified in pulmonary hypoplasia.

Concurrent subacute exposure to arsenic through drinking water and malathion via diet in male rats: effects on hepatic drug-metabolizing enzymes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure prevents cardiac valve formation in developing zebrafish.

Automated quantitative dose-response modeling and point of departure determination for large toxicogenomic and high-throughput screening data sets.

Anemia reduction in preschool children with the addition of low doses of iron to school meals.

The effect of tracheal occlusion on lung branching in the rat nitrofen CDH model.

Beneficial impact of L-carnitine in liver: a study in a rat model of syndrome X.

Oxidative inactivation of the proteasome in retinal pigment epithelial cells. A potential link between oxidative stress and up-regulation of interleukin-8.

Increased levels of a unique post-translationally modified betaIVb-tubulin isotype in liver cancer.

Interplay between cellular methyl metabolism and adaptive efflux during oncogenic transformation from chronic arsenic exposure in human cells.

Evidence for multiple mechanisms of toxicity in larval rainbow trout (*Oncorhynchus mykiss*) co-treated with retene and alpha-naphthoflavone.

Early endoscopic gastric lavage for acute iron overdose: a novel approach to accidental pill ingestions.

Growth in non-anemic infants supplemented with different prophylactic iron doses.

Low level of exposure to pesticides leads to lung dysfunction in occupationally exposed subjects.

Arsenic trioxide and auranofin inhibit selenoprotein synthesis: implications for chemotherapy for acute promyelocytic leukaemia.

Chronic exposure to glufosinate-ammonium induces spatial memory impairments, hippocampal MRI modifications and glutamine synthetase activation in mice.

Intrinsic catch-up growth of hypoplastic fetal lungs is mediated by interleukin-6.

Comparison of ferrous sulfate and ferrous glycinate chelate for the treatment of iron deficiency anemia in gastrectomized patients.

Acute energy restriction triggers Wallerian degeneration in mouse.

[What's new about hyperactivity disorder in children?].

Influences of perinatal dioxin load to visual motion and oddball stimuli examined with an EEG and MEG analysis.

Relationship of impaired olfactory function in ESRD to malnutrition and retained uremic molecules.

Transgenerational effects from exposure to environmental toxic substances.

Hydrogen peroxide mediates the radiation-induced mutator phenotype in mammalian cells.

Animal model of posterior cingulate cortex hypometabolism implicated in amnesic MCI and AD.

Involvement of SREBPs in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced disruption of lipid metabolism in male guinea pig.

Inorganic arsenic exposure affects pain behavior and inflammatory response in rat.

Effect of hemolytic and iron-deficiency anemia on intestinal absorption and tissue accumulation of cadmium.

Mitochondrial translocation of alpha-synuclein is promoted by intracellular acidification.

[First aid and nursing on acute severe bromoxynil poisoning].

Polychlorinated biphenyl-77 induces adipocyte differentiation and proinflammatory adipokines and promotes obesity and atherosclerosis.

Paternal environmental exposures and gene expression during spermatogenesis: research review to research framework.

Can folate intake reduce arsenic toxicity?

[Preparedness response to hazard and toxic incidents and food terrorism].

Multiple cutaneous precanceroses and carcinomas from combined iatrogenic/professional exposure to arsenic.

Parkinson's disease and pesticides: a toxicological perspective.

Enhanced detection of autoantibodies on protein microarrays using a modified protein digestion technique.

Effects of maternal retinoic acid administration in a congenital diaphragmatic hernia rabbit model.

Short-term ferrous sulfate supplementation in female blood donors.

Role of reactive oxygen species in the neurotoxicity of environmental agents implicated in Parkinson's disease.

Sensitivity to sodium arsenite in human melanoma cells depends upon susceptibility to arsenite-induced mitotic arrest.

Relationship between insulin sensitivity and exposure to dioxins and polychlorinated biphenyls in pregnant women.

Clinical manifestations and arsenic methylation after a rare subacute arsenic poisoning accident.

A study of the process of apoptosis in animals infected with the contagious ecthyma virus.

Effect of iron content on the tolerability of prenatal multivitamins in pregnancy.

Incident diabetes and pesticide exposure among licensed pesticide applicators: Agricultural Health Study, 1993-2003.

Differential oxidative stress and DNA damage in rat brain regions and blood following chronic arsenic exposure.

Etiology and outcome of patients presenting for poisoning to the emergency department in Taiwan: a prospective study.

[Headache caused by pesticides--a review of the literature].

Protein tyrosine kinase inhibitors modify kainic acid-induced epileptiform activity and mossy fiber sprouting but do not protect against limbic cell death.

Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants.

Experience of nitisinone for the pharmacological treatment of hereditary tyrosinaemia type 1.

Dioxin may promote inflammation-related development of endometriosis.

A novel intravenous iron formulation for treatment of anemia in inflammatory bowel disease: the ferric carboxymaltose (FERINJECT) randomized controlled trial.

Control of T(reg) and T(H)17 cell differentiation by the aryl hydrocarbon receptor.

The aryl hydrocarbon receptor links TH17-cell-mediated autoimmunity to environmental toxins.

High prevalence of celiac disease in Mexican Mestizo adults with type 1 diabetes mellitus.

Metabolic flexibility permits mesenchymal stem cell survival in an ischemic environment.

Free p-cresol is associated with cardiovascular disease in hemodialysis patients.

Inhibition of astrocytic energy metabolism by D-lactate exposure impairs memory.

Alteration of APE1/ref-1 expression in non-small cell lung cancer: the implications of impaired extracellular superoxide dismutase and catalase antioxidant systems.

The preparation and characterization of anti-VEGFR2 conjugated, paclitaxel-loaded PLLA or PLGA microspheres for the systemic targeting of human prostate tumors.

Neuropharmacological profile of novel and selective 5-HT₆ receptor agonists: WAY-181187 and WAY-208466.

DNA-dependent protein kinase catalytic subunit modulates the stability of c-Myc oncoprotein.

Comparative genomics identifies genes mediating cardiotoxicity in the embryonic zebrafish heart.

Alpha-synuclein, pesticides, and Parkinson disease: a case-control study.

Occupational exposure to pesticides and risk of adult brain tumors.

Iron-generated hydroxyl radicals kill retinal cells in vivo: effect of ferulic acid.

[Analytic role in clinical toxicology--impact on the diagnosis and treatment of a poisoned patient].

Perinatal profile of ventricular overload markers in congenital diaphragmatic hernia.

Functional analysis of the multi-copper oxidase from *Legionella pneumophila*.

Sodium arsenite reduces severity of dextran sulfate sodium-induced ulcerative colitis in rats.

Effects of *Helicobacter* infection on developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in Holtzman rats.

Expression of AhR, CYP1A1, GSTA1, c-fos and TGF- α in skin lesions from dioxin-exposed humans with chloracne.

Comparative efficacy and safety of intravenous ferric carboxymaltose in the treatment of postpartum iron deficiency anemia.

Occupational risk factors for non-Hodgkin's lymphoma: a population-based case-control study in Northern Germany.

Mortality in a population exposed to dioxin after the Seveso, Italy, accident in 1976: 25 years of follow-up.

Microvascular free-tissue transfer for head and neck reconstruction in Jehovah's Witness patients.

Sodium arsenite induces heat shock protein 70 expression and protects against secretagogue-induced trypsinogen and NF- κ B activation.

Gastrointestinal microbial ecology and the safety of our food supply as related to *Salmonella*.

Pesticide exposure and risk of Parkinson's disease: a family-based case-control study.

A Weibull-PBPK model for assessing risk of arsenic-induced skin lesions in children.

Dose response evaluation of gene expression profiles in the skin of K6/ODC mice exposed to sodium arsenite.

Relative potency based on hepatic enzyme induction predicts immunosuppressive effects of a mixture of PCDDs/PCDFs and PCBs.

Resveratrol sensitizes melanomas to TRAIL through modulation of antiapoptotic gene expression.

Prophylaxis for iron deficiency anemia using ferrous sulfate among infants followed up at a primary healthcare unit in the municipality of Embu-SP (2003/2004).

Efficacy of iron-fortified rice in reducing anemia among schoolchildren in the Philippines.

Neurological manifestation of methyl bromide intoxication.

Risk factors for ovarian cancer: an overview with emphasis on hormonal factors.

Role of hormonal and other factors in human prostate cancer.

Endocrine toxicants including 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and dioxin-like chemicals and endometriosis: is there a link?

Prenatal treatment with retinoic acid promotes pulmonary alveologenesis in the nitrofen model of congenital diaphragmatic hernia.

Kinetics and determinants of the changes of CC16, a lung secretory protein in a rat model of toxic lung injury.

Nutritional status has marginal influence on the metabolism of inorganic arsenic in pregnant Bangladeshi women.

High dietary fat exacerbates arsenic-induced liver fibrosis in mice.

The common environmental pollutant dioxin-induced memory deficits by altering estrogen pathways and a major route of retinol transport involving transthyretin.

Removal of the uremic retention solute p-cresol using fractionated plasma separation and adsorption.

Arsenic-induced oxidative myocardial injury: protective role of arjunolic acid.

Decreased epithelial barrier function evoked by exposure to metabolic stress and nonpathogenic *E. coli* is enhanced by TNF-alpha.

The aryl hydrocarbon receptor affects distinct tissue compartments during ontogeny of the immune system.

Aryl hydrocarbon receptor targets pathways extrinsic to bone marrow cells to enhance neutrophil recruitment during influenza virus infection.

Organochlorines and endometriosis: a mini-review.

Short dysfunctional telomeres impair the repair of arsenite-induced oxidative damage in mouse cells.

Regression analysis of a disease onset distribution using diagnosis data.

Effectiveness of oral and intravenous iron therapy in haemodialysis patients.

Transduction of familial amyotrophic lateral sclerosis-related mutant PEP-1-SOD proteins into neuronal cells.

TCDD exposure exacerbates atopic dermatitis-related inflammation in NC/Nga mice.

Chemical contaminants, health indicators, and reproductive biomarker responses in fish from rivers in the Southeastern United States.

Environmental immune disruption: a comorbidity factor for reproduction?

Prenatal treatment with retinoic acid accelerates type 1 alveolar cell proliferation of the hypoplastic lung in the nitrofen model of congenital diaphragmatic hernia.

Downregulation of GATA4 and GATA6 in the heart of rats with nitrofen-induced diaphragmatic hernia.

Health effects of early life exposure to arsenic.

Exploiting gene-environment interaction to detect adverse health effects of environmental chemicals on the next generation.

Hepatocyte mitochondrion electron-transport chain alterations in CCl₄ and alcohol induced hepatitis in rats and their correction with simvastatin.

Identification and biochemical characterization of a novel ryanodine receptor gene mutation associated with malignant hyperthermia.

Environmental factors in the etiology of esophageal atresia and congenital diaphragmatic hernia: results of a case-control study.

Reversal of arsenic-induced hepatic apoptosis with combined administration of DMSA and its analogues in guinea pigs: role of glutathione and linked enzymes.

Essential role of the AH receptor in the dysfunction of heme metabolism induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Renoprotective action of L-carnitine in fructose-induced metabolic syndrome.

Iron status markers in nonanemic pregnant women with and without iron supplementation.

Differential expression of estrogen receptor alpha (ER α) protein in MCF-7 breast cancer cells chronically exposed to TCDD.

Training and other predictors of personal protective equipment use in Australian grain farmers using pesticides.

Dioxin emissions from a municipal solid waste incinerator and risk of invasive breast cancer: a population-based case-control study with GIS-derived exposure.

Subhepatotoxic exposure to arsenic enhances lipopolysaccharide-induced liver injury in mice.

Abscisic acid controls calcium-dependent egress and development in *Toxoplasma gondii*.

The effects of gum arabic oral treatment on the metabolic profile of chronic renal failure patients under regular haemodialysis in Central Sudan.

Presentations of patients of poisoning and predictors of poisoning-related fatality: findings from a hospital-based prospective study.

Dioxin-mediated tumor progression through activation of mitochondria-to-nucleus stress signaling.

Acute induction of epileptiform discharges by pilocarpine in the in vitro isolated guinea-pig brain requires enhancement of blood-brain barrier permeability.

[Outdoor work-related health hazards].

Pesticide/environmental exposures and Parkinson's disease in East Texas.

The effects of toluene plus noise on hearing thresholds: an evaluation based on repeated measurements in the German printing industry.

Anemia management in peritoneal dialysis patients: can an iron supplement maintain a normal transferrin saturation and hemoglobin level?

Small-molecule aggregation inhibitors reduce excess amyloid in a trisomy 16 mouse cortical cell line.

Arsenic induced toxicity on testicular tissue of mice.

Anaphylaxis to oral iron salts. desensitization protocol for tolerance induction.

Treatment and prevention of anemia with ferrous sulfate plus folic acid in children attending daycare centers in Goi nia, Goi s State, Brazil: a randomized controlled trial.

Comparative study of gastrointestinal tract and liver toxicity of ferrous sulfate, iron amino chelate and iron polymaltose complex in normal rats.

[Protective and restorative effect of antioxidants in experimental intoxication with chlorophenols].

Effect of iron fortification of nursery complementary food on iron status of infants in the DPRKorea.

Oxidative damage induced genotoxic effects in human fibroblasts from Xeroderma Pigmentosum group A patients.

Humoral response against Mycobacterium bovis Hsp65 derived fragments in children and young people with various disorders.

Environmental contaminants as risk factors for developing diabetes.

Caseinophosphopeptide-bound iron: protective effect against gut peroxidation.

Disruption of aryl hydrocarbon receptor (AhR) induces regression of the seminal vesicle in aged male mice.

Cytotoxicity, histopathological, microbiological and clinical aspects of an endodontic iodoform-based paste used in pediatric dentistry: a review.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters the differentiation of alloreactive CD8+ T cells toward a regulatory T cell phenotype by a mechanism that is dependent on aryl hydrocarbon receptor in CD4+ T cells.

The connection between C-reactive protein and atherosclerosis.

Inhalant abuse detection and evaluation in young Tunisians.

Environmental effects of ozone depletion and its interactions with climate change: progress report, 2007.

Sensorial evaluation of nutritional supplements (PROGRESA) enriched with 3 different forms of iron in a rural Mexican community.

Insight into the selectivity of arsenic trioxide for acute promyelocytic leukemia cells by characterizing *Saccharomyces cerevisiae* deletion strains that are sensitive or resistant to the metalloid.

Developmental exposure to polychlorinated biphenyls PCB153 or PCB126 impairs learning ability in young but not in adult rats.

Endocrine disruptors and estrogenic effects on male reproductive axis.

Effects of iron supplementation on attention deficit hyperactivity disorder in children.

Removal of the protein-bound solutes indican and p-cresol sulfate by peritoneal dialysis.

The link between environmental toxicant exposure and endometriosis.

Does impaired mitochondrial function affect insulin signaling and action in cultured human skeletal muscle cells?

Pesticides and atopic and nonatopic asthma among farm women in the Agricultural Health Study.

Iron deficiency anemia, pica, and restless legs syndrome in a teenage girl.

Allium compounds, dipropyl and dimethyl thiosulfinates as antiproliferative and differentiating agents of human acute myeloid leukemia cell lines.

Tobacco OPBP1 enhances salt tolerance and disease resistance of transgenic rice.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the mortality and growth of two amphibian species (*Xenopus laevis* and *Pseudacris triseriata*).

Silencing of mitochondrial alternative oxidase gene of *Aspergillus fumigatus* enhances reactive oxygen species production and killing of the fungus by macrophages.

Preventing NAD(+) depletion protects neurons against excitotoxicity: bioenergetic effects of mild mitochondrial uncoupling and caloric restriction.

ATP synthase and the actions of inhibitors utilized to study its roles in human health, disease, and other scientific areas.

WNT5A selectively inhibits mouse ventral prostate development.

Induction of cellular stress overcomes the requirement of herpes simplex virus type 1 for immediate-early protein ICP0 and reactivates expression from quiescent viral genomes.

Dioxin causes ventral prostate agenesis by disrupting dorsoventral patterning in developing mouse prostate.

Effects of 2,4-dichlorophenol on the expression of vitellogenin and estrogen receptor genes and physiology impairments in Chinese rare minnow (*Gobiocypris rarus*).

Prolonged ELS test with the marine flatfish sole (*Solea solea*) shows delayed toxic effects of previous exposure to PCB 126.

Runaway chemical reaction exposes community to highly toxic chemicals.

Sulfhydryl systems are a critical factor in the zebrafish developmental toxicity of the dithiocarbamate sodium metam (NaM).

[Disturbances in the function of cardiomyocyte ryanodine receptors of spontaneously hypertensive rats revealed by 4-chloro-m-cresol].

Impaired activation of caspase cascade during cell death induced by newly synthesized singlet oxygen generator, 1-butyl-4-naphthalene-1-yl propionate endoperoxide.

Nitric oxide as a signaling factor to upregulate the death-specific protein in a marine diatom, *Skeletonema costatum*, during blockage of electron flow in photosynthesis.

Maintaining epitheliopoietic potency when culturing olfactory progenitors.

Potential effects of perfluorinated compounds in common cormorants from Lake Biwa, Japan: an implication from the hepatic gene expression profiles by microarray.

In utero exposure to 2,3,7,8-Tetrachlorodibenzo-p-Dioxin affects the development of reproductive system in mouse.

Arabidopsis AAL-toxin-resistant mutant *atr1* shows enhanced tolerance to programmed cell death induced by reactive oxygen species.

Cations SkQ1 and MitoQ accumulated in mitochondria delay opening of ascorbate/FeSO₄-induced nonspecific pore in the inner mitochondrial membrane.

Reactive oxygen species in programmed death of pea guard cells.

Arsenite but not arsenate inhibits general proteoglycan synthesis in cultured arterial smooth muscle cells.

Arsenic-induced decreases in the vascular matrix.

Lipoic acid as an anti-inflammatory and neuroprotective treatment for Alzheimer's disease.

Aquatic risk assessment of pesticides in surface waters in and adjacent to the Everglades and Biscayne National Parks: II. Probabilistic analyses.

Transcriptomic responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in liver: comparison of rat and mouse.

Auxin-Induced Resistance to Common Scab Disease of Potato Linked to Inhibition of Thaxtomin A Toxicity.

An analysis of volatiles in the headspace of the faeces of neonates.

Exposure of laboratory mice to domestic cooking gas: implications for toxicity.

XRCC1 protects against the lethality of induced oxidative DNA damage in nondividing neural cells.

A review of microbial injury and recovery methods in food.

Type-2 alkenes mediate synaptotoxicity in neurodegenerative diseases.

Toxicity of analytically cleaned pentabromodiphenylether after prolonged exposure in estuarine European flounder (*Platichthys flesus*), and partial life-cycle exposure in fresh water zebrafish (*Danio rerio*).

Phospholipase A(2), reactive oxygen species, and lipid peroxidation in CNS pathologies.

Oxidative stress and modification of synaptic proteins in hippocampus after traumatic brain injury.

Acrylamide-induced nerve terminal damage: relevance to neurotoxic and neurodegenerative mechanisms.

Acetyl-L-Carnitine selectively prevents post-ischemic LTP via a possible action on mitochondrial energy metabolism.

Plasmalogen deficiency in cerebral adrenoleukodystrophy and its modulation by lovastatin.

Crosstalk between AHR and Wnt signaling through R-Spondin1 impairs tissue regeneration in zebrafish.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated impairment of B cell differentiation involves dysregulation of paired box 5 (Pax5) isoform, Pax5a.

Alternative electron acceptors: Proposed mechanism of paraquat mitochondrial toxicity.

Tracheal inflammatory response to bacterial cellulose dressing after surgical scarification in rabbits.

Molecular characterization of TRPA1 channel activation by cysteine-reactive inflammatory mediators.

Attenuation of TCDD-induced oxidative stress by 670 nm photobiomodulation in developmental chicken kidney.

Interstrand DNA cross-links induced by alpha,beta-unsaturated aldehydes derived from lipid peroxidation and environmental sources.

Toxic tetrapyrrole accumulation in protoporphyrinogen IX oxidase-overexpressing transgenic rice plants.

Biosynthetic requirements for the repair of sublethally injured *Saccharomyces cerevisiae* cells after pulsed electric fields.

Toxicity of estuarine sediments using a full life-cycle bioassay with the marine copepod *Robertsonia propinqua*.

The Duisburg birth cohort study: influence of the prenatal exposure to PCDD/Fs and dioxin-like PCBs on thyroid hormone status in newborns and neurodevelopment of infants until the age of 24 months.

Genes related to apoptosis predict necrosis of the liver as a phenotype observed in rats exposed to a compendium of hepatotoxicants.

Near-infrared light via light-emitting diode treatment is therapeutic against rotenone- and 1-methyl-4-phenylpyridinium ion-induced neurotoxicity.

Acetobacter indonesiensis pneumonia after lung transplant.

Endogenous Gas6 and Ca²⁺ -channel activation modulate phagocytosis by retinal pigment epithelium.

The *Caenorhabditis elegans* AMP-activated protein kinase AAK-2 is phosphorylated by LKB1 and is required for resistance to oxidative stress and for normal motility and foraging behavior.

Presence of *qnr* gene in *Escherichia coli* and *Klebsiella pneumoniae* resistant to ciprofloxacin isolated from pediatric patients in China.

Chemical and toxicologic assessment of organic contaminants in surface water using passive samplers.

Non-dioxin-like polychlorinated biphenyls induce a release of arachidonic acid in liver epithelial cells: a partial role of cytosolic phospholipase A(2) and extracellular signal-regulated kinases 1/2 signalling.

Histopathological alterations of Nile tilapia, *Oreochromis niloticus* in acute and subchronic alachlor exposure.

Long-term effects of polychlorinated biphenyls and dioxins on pregnancy outcomes in women affected by the Yusho incident.

Quantitative analysis of three hydrogenotrophic microbial groups, methanogenic archaea, sulfate-reducing bacteria, and acetogenic bacteria, within plaque biofilms associated with human periodontal disease.

Superiority of serum type-I arginase and ornithine carbamyltransferase in the detection of toxicant-induced acute hepatic injury in rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure disrupts granule neuron precursor maturation in the developing mouse cerebellum.

Quercetin administration during chelation therapy protects arsenic-induced oxidative stress in mice.

The effects of water quality and age on the acute toxicity of copper to the Florida apple snail, *Pomacea paludosa*.

Potent upregulation of glutathione and NAD(P)H:quinone oxidoreductase 1 by alpha-lipoic acid in human neuroblastoma SH-SY5Y cells: protection against neurotoxicant-elicited cytotoxicity.

NF- κ B and caspases are involved in the hyaluronan and chondroitin-4-sulphate-exerted antioxidant effect in fibroblast cultures exposed to oxidative stress.

Arsenite-induced cytotoxicity in dorsal root ganglion explants.

Mitochondrial complex I impairment and differential carbon monoxide sensitivity of cytochrome c oxidase in wild type and CMS II mutants of *Nicotiana sylvestris*.

The US Air Force Aerial Spray Unit: a history of large area disease vector control operations, WWII through Katrina.

Antioxidant activity of different extracts of Argentinian medicinal plants against arsenic-induced toxicity in renal cells.

Differential roles for Nrf2 and AP-1 in upregulation of HO-1 expression by arsenite in murine embryonic fibroblasts.

Diverse mechanisms of anti-androgen action: impact on male rat reproductive tract development.

Rem inhibits skeletal muscle EC coupling by reducing the number of functional L-type Ca²⁺ channels.

Toxicogenomic analysis of gender, chemical, and dose effects in livers of TCDD- or aroclor 1254-exposed rats using a multifactor linear model.

Polychlorinated biphenyls (PCBs) and hydroxy-PCBs in adipose tissue of women in Southeast Spain.

Inhibition of carrier-mediated uptake of epirubicin reduces cytotoxicity in primary culture of rat hepatocytes.

Hair analysis to document non-fatal pesticide intoxication cases.

Unsaturated lipid peroxidation-derived aldehydes activate autophagy in vascular smooth-muscle cells.

Mechanistic aspects of 4-amino-2,6-dichlorophenol-induced in vitro nephrotoxicity.

Modulatory effect of *Byrsonima basiloba* extracts on the mutagenicity of certain direct and indirect-acting mutagens in *Salmonella typhimurium* assays.

The dedicated emergency surgeon: towards consultant-based acute surgical admissions.

The concept of neurogenic inflammation.

Plasma esterified F₂-isoprostanes and oxidative stress in newborns: role of nonprotein-bound iron.

Effects of possible endocrine disruptors on MyD88-independent TLR4 signaling.

Differential role of ferritins in iron metabolism and virulence of the plant-pathogenic bacterium *Erwinia chrysanthemi* 3937.

Thioredoxin 2 haploinsufficiency in mice results in impaired mitochondrial function and increased oxidative stress.

Loss of phospholipid asymmetry and elevated brain apoptotic protein levels in subjects with amnesic mild cognitive impairment and Alzheimer disease.

Toxicity reference values for mink exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) equivalents (TEQs).

Neuroendocrine and behavioral effects of embryonic exposure to endocrine disrupting chemicals in birds.

Induction of heat shock protein 70 by sodium arsenite attenuates burn-induced intestinal injury in severe burned rats.

Tissue dosimetry, metabolism and excretion of pentavalent and trivalent dimethylated arsenic in mice after oral administration.

Dispensable role of *Drosophila* ortholog of LRRK2 kinase activity in survival of dopaminergic neurons.

[Research of a bioluminescent bacterial-based optical fiber sensor to detecting acute effects of pollutants in water].

Comparative risk analysis of dioxins in fish and fine particles from heavy-duty vehicles.

Arsenic as an endocrine disruptor: arsenic disrupts retinoic acid receptor- and thyroid hormone receptor-mediated gene regulation and thyroid hormone-mediated amphibian tail metamorphosis.

In vitro and in vivo reduction of sodium arsenite induced toxicity by aqueous garlic extract.

The effect of suspended particles coated by humic acid on the toxicity of pharmaceuticals, estrogens, and phenolic compounds.

Enhancing effect of chlorinated organic solvents on histamine release and inflammatory mediator production.

Metacaspase-8 modulates programmed cell death induced by ultraviolet light and H₂O₂ in *Arabidopsis*.

Cleavage of focal adhesion kinase is an early marker and modulator of oxidative stress-induced apoptosis.

The environmental toxicant 2,3,7,8-tetrachlorodibenzo-p-dioxin disrupts morphogenesis of the rat pre-implantation embryo.

The effect of sub-acute and sub-chronic exposure of rats to the glyphosate-based herbicide Roundup.

Abscisic acid, high-light, and oxidative stress down-regulate a photosynthetic gene via a promoter motif not involved in phytochrome-mediated transcriptional regulation.

Testicular toxicity and mechanisms of chlorotoluron compounds in the mouse.

Epigallocatechin gallate, a green tea phytochemical, attenuates alcohol-induced hepatic protein and lipid damage.

Derivation of biomonitoring equivalent (BE) values for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and related compounds: a screening tool for interpretation of biomonitoring data in a risk assessment context.

Health of herring gulls (*Larus argentatus*) in relation to breeding location in the early 1990s. III. Effects on the bone tissue.

Hypothermic injury: the mitochondrial calcium, ATP and ROS love-hate triangle out of balance.

The acute lethality and endocrine effect of 1,2,3,7,8-PeCDD in juvenile goldfish (*Carassius auratus*) in vivo.

The role of peroxisome proliferator-activated receptors in the development and physiology of gametes and preimplantation embryos.

Protection of arsenic-induced testicular oxidative stress by arjunolic acid.

Mutagenic, antimutagenic, cytotoxic, and apoptotic activities of extracts from *Pituranthos tortuosus*.

Impaired VEGF and nitric oxide signaling after nitrofen exposure in rat fetal lung explants.

Dioxin-like toxicity in the Saginaw River Watershed: polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in sediments and floodplain soils from the Saginaw and Shiawassee Rivers and Saginaw Bay, Michigan, USA.

Comparative genotoxicity evaluation of imidazolinone herbicides in somatic cells of *Drosophila melanogaster*.

Molecular targets of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) within the zebrafish ovary: insights into TCDD-induced endocrine disruption and reproductive toxicity.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on testicular spermatogenesis-related panels and serum sex hormone levels in rats.

Role of the Met(287)Thr polymorphism in the AS3MT gene on the metabolic arsenic profile.

The effects of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) on mink (*Mustela vison*) reproduction and kit survivability and growth.

2,3,7,8-Tetrachlorodibenzo-p-dioxin increases Bovine Herpesvirus type-1 (BHV-1) replication in Madin-Darby Bovine Kidney (MDBK) cells in vitro.

Hydroxytyrosol protects retinal pigment epithelial cells from acrolein-induced oxidative stress and mitochondrial dysfunction.

Effects of the herbicide Roundup on freshwater microbial communities: a mesocosm study.

Environmental toxins and health--the health impact of pesticides.

Fetal poisoning after maternal paraquat ingestion during third trimester of pregnancy: case report and literature review.

Determination of toxicity of subacute treatment of some plant growth regulators on rats.

Insulin-like growth factor I deficiency prolongs survival and antagonizes paraquat-induced cardiomyocyte dysfunction: role of oxidative stress.

CD8+ T cells contribute to macrophage accumulation and airspace enlargement following repeated irritant exposure.

Mechanisms of acrolein-induced myocardial dysfunction: implications for environmental and endogenous aldehyde exposure.

Paraquat induces dopaminergic dysfunction and proteasome impairment in DJ-1-deficient mice.

Identification of an alginate-based formulation of paraquat to reduce the exposure of the herbicide following oral ingestion.

Toxicity of four antifouling biocides and their mixtures on the brine shrimp *Artemia salina*.

Effects of dimethylarsinic and dimethylarsinous acid on evoked synaptic potentials in hippocampal slices of young and adult rats.

Aldo-keto reductase family 1 B10 gene silencing results in growth inhibition of colorectal cancer cells: Implication for cancer intervention.

ATP depletion is the major cause of MPP⁺ induced dopamine neuronal death and worm lethality in alpha-synuclein transgenic *C. elegans*.

Immunosuppressive therapy in lung injury due to paraquat poisoning: a meta-analysis.

The effect of some selected pesticides on the growth and reproduction of fresh water *Oreochromis niloticus*, *Chrysiichthys nigrodigitatus* and *Clarias gariepinus*.

Increased expression of glial cell line-derived neurotrophic factor protects against oxidative damage-induced retinal degeneration.

The bipyridyl herbicide paraquat induces proteasome dysfunction in human neuroblastoma SH-SY5Y cells.

Paraquat potentiates glutamate toxicity in immature cultures of cerebellar granule neurons.

Hepatotoxicity related to paraquat and diquat absorption through intact skin.

Intermolecular protein cross-linking during acrolein toxicity: efficacy of carbonyl scavengers as inhibitors of heat shock protein-90 cross-linking in A549 cells.

Targeted disruption of the glutaredoxin 1 gene does not sensitize adult mice to tissue injury induced by ischemia/reperfusion and hyperoxia.

Acute effects of glyphosate herbicide on metabolic and enzymatic parameters of silver catfish (*Rhamdia quelen*).

Evaluation of the antiandrogenic effects of flutamide, DDE, and linuron in the weanling rat assay using organ weight, histopathological, and proteomic approaches.

Pesticide dose estimates for children of Iowa farmers and non-farmers.

Short- and long-term responses of *Daphnia* spp. to propanil exposures in distinct food supply scenarios.

Synthesis, cytotoxicity and clastogenicity of novel alpha-aminophosphonic acids.

Chlorate poisoning in beef cattle.

Sublethal pesticide concentrations and predation jointly shape life history: behavioral and physiological mechanisms.

Case report: mixed cholestatic/hepatocellular liver injury induced by the herbicide quizalofop-p-ethyl.

Prolonged toxicokinetics and toxicodynamics of paraquat in mouse brain.

Acute and chronic toxicity of pesticide formulations (atrazine, chlorpyrifos, and permethrin) to glochidia and juveniles of *Lampsilis siliquoidea*.

Acute and chronic toxicity of glyphosate compounds to glochidia and juveniles of *Lampsilis siliquoidea* (Unionidae).

Toxicity of three pesticides individually and in mixture to larval grass shrimp (*Palaemonetes pugio*).

Cytotoxicity of paraquat in microglial cells: Involvement of PKC δ - and ERK1/2-dependent NADPH oxidase.

[Increased expression of placenta growth factor in lung tissue of paraquat-induced rat pulmonary fibrosis model].

[Effects of high dose ambroxol on lung injury induced by paraquat in rats].

[Changes of p38 MAPK and nuclear factor-kappa B in lung tissue of acute paraquat poisoned rats].

[A case of intra-muscular injection of paraquat induced death].

Alteration of estrogen-regulated gene expression in human cells induced by the agricultural and horticultural herbicide glyphosate.

Cutaneous reactions simulating erythema multiforme and Stevens Johnson syndrome due to occupational exposure to a plant-growth regulator.

Roundup intoxication and a rationale for treatment.

Genetic variation for life span, resistance to paraquat, and spontaneous activity in unselected populations of *Drosophila melanogaster*: implications for transgenic rescue of life span.

Acrolein inactivates paraoxonase 1: changes in free acrolein levels after hemodialysis correlate with increases in paraoxonase 1 activity in chronic renal failure patients.

Identification of differentially expressed proteins in striatum of maneb- and paraquat-induced Parkinson's disease phenotype in mouse.

Protective effects of Ginkgo biloba extract on paraquat-induced apoptosis of PC12 cells.

Topological and chronological features of the impairment of glucose metabolism induced by 1-methyl-4-phenylpyridinium ion (MPP⁺) in rat brain slices.

Pathophysiological aspects of cyclophosphamide and ifosfamide induced hemorrhagic cystitis; implication of reactive oxygen and nitrogen species as well as PARP activation.

Comparison of the effects of the superoxide dismutase mimetics EUK-134 and tempol on paraquat-induced nephrotoxicity.

Combination of a pesticide exposure and a bacterial challenge: in vivo effects on immune response of Pacific oyster, *Crassostrea gigas* (Thunberg).

Effects of hexazinone and atrazine on the physiology and endocrinology of smolt development in Atlantic salmon.

Simulating toxicity of carbaryl to *Gammarus pulex* after sequential pulsed exposure.

Evaluation of the sensitivity of three cladoceran species widely distributed in Mexico to three reference toxicants.

Trifluralin toxicity in a Chagas disease mouse model.

Effects of a phosphinothricin based herbicide on selected groups of soil microorganisms.

Toxicity of dimethylmonothioarsinic acid toward human epidermoid carcinoma A431 cells.

Blue-green vomit.

Neurotoxic mechanisms of electrophilic type-2 alkenes: soft soft interactions described by quantum mechanical parameters.

Role of MGMT in protecting against cyclophosphamide-induced toxicity in cells and animals.

Heterogeneous photocatalytic degradation of prometryn in aqueous solutions under UV-Vis irradiation.

Further evidence against a direct genotoxic mode of action for arsenic-induced cancer.

Arsenic-induced bladder cancer in an animal model.

An antisense oligonucleotide to HSP47 inhibits paraquat-induced pulmonary fibrosis in rats.

Microglia-mediated neurotoxicity is inhibited by morphine through an opioid receptor-independent reduction of NADPH oxidase activity.

[Italian Program for Surveillance of Acute Pesticide-Related Illnesses: cases identified in 2005].

Pesticide poisoning.

[The establishment of hypospadias rat model and embryoteratogenic test of Atrazine].

Relationship between autophagy and apoptotic cell death in human neuroblastoma cells treated with paraquat: could autophagy be a "brake" in paraquat-induced apoptotic death?

Antifibrotic effect of captopril and enalapril on paraquat-induced lung fibrosis in rats.

Iron and paraquat as synergistic environmental risk factors in sporadic Parkinson's disease accelerate age-related neurodegeneration.

Toxic influence of subchronic paraquat administration on dopaminergic neurons in rats.

[Change of liver function and blood glucose in patients with acute paraquat poisoning].

[Treatment 16 cases of acute paraquat poisoning].

Integrating approaches to paraquat poisoning.

[A 52-week feeding study of genetically modified soybeans in F344 rats].

Induction of tibial dyschondroplasia by carbamate and thiocarbamate pesticides.

Effectiveness of activated hydrogen ions in neutralizing paraquat intoxication in rats.

Relationship between pulmonary surfactant protein and lipid peroxidation in lung injury due to paraquat intoxication in rats.

Incidence of abdominal wall defects is related to surface water atrazine and nitrate levels.

Decline in pesticide poisonings in the United States from 1995 to 2004.

Plasma surfactant D in patients following acute paraquat intoxication.

Monitoring the efficacy and metabolism of phenylcarbamates in sugar beet and black nightshade by chlorophyll fluorescence parameters.

Inhibition of paraquat-induced autophagy accelerates the apoptotic cell death in neuroblastoma SH-SY5Y cells.

Reduced 293T cell susceptibility to acrolein due to aldose reductase-like-1 protein expression.

Toxicity evaluation with *Vibrio fischeri* test of organic chemicals used in aquaculture.

Cardiovascular effects of herbicides and formulated adjuvants on isolated rat aorta and heart.

Dinitro-o-cresol induces apoptosis-like cell death but not alternative oxidase expression in soybean cells.

Distribution and ecotoxicity of chlorotriazines in the Scheldt Estuary (B-NI).

No direct hepatotoxic potential following a multiple-low dose paraquat exposure in rat as related to its bioaccumulation.

The concept of "aldehyde load" in neurodegenerative mechanisms: cytotoxicity of the polyamine degradation products hydrogen peroxide, acrolein, 3-aminopropanal, 3-acetamidopropanal and 4-aminobutanal in a retinal ganglion cell line.

[Proteolytic stress induced by environmental toxins in dopaminergic neurons: an experimental study].

Butachlor-induced acute toxic hepatitis.

Protective effect of erythropoietin against 1-methyl-4-phenylpyridinium-induced neurodegeneration in PC12 cells.

Replacement of buried cysteine from zebrafish Cu/Zn superoxide dismutase and enhancement of its stability via site-directed mutagenesis.

An unusual toxic cause of hemolytic-uremic syndrome.

Plasma cell gingivitis among herbal toothpaste users: a report of three cases.

The effectiveness of management interventions used to control ragwort species.

On the mechanism of action and selectivity of the corn herbicide topramezone: a new inhibitor of 4-hydroxyphenylpyruvate dioxygenase.

Activation of c-Jun N-terminal protein kinase is a common mechanism underlying paraquat- and rotenone-induced dopaminergic cell apoptosis.

Assessment of toxicity of a glyphosate-based formulation using bacterial systems in lake water.

Impaired alveolar epithelial cell differentiation in the hypoplastic lung in nitrofen-induced congenital diaphragmatic hernia.

Altered regulation of retinoic acid synthesis in nitrofen-induced hypoplastic lung.

P38 and ERK mitogen-activated protein kinases mediate acrolein-induced apoptosis in Chinese hamster ovary cells.

Agent Orange, prostate cancer irradiation and acute promyelocytic leukemia (APL): is there a link?

[Changes of serum cytokine caused by acute paraquat poisoning].

Urinary pentachlorophenol in painters and bricklayers in a four-years time interval after the PCP prohibition ordinance in Germany.

Mammary gland development as a sensitive end point after acute prenatal exposure to an atrazine metabolite mixture in female Long-Evans rats.

Development of a *Daphnia magna* DNA microarray for evaluating the toxicity of environmental chemicals.

Safeners coordinately induce the expression of multiple proteins and MRP transcripts involved in herbicide metabolism and detoxification in *Triticum tauschii* seedling tissues.

Full survival of paraquat-exposed rats after treatment with sodium salicylate.

Paraquat-induced oxidative stress and dysfunction of cellular redox systems including antioxidative defense enzymes glutathione peroxidase and thioredoxin reductase.

Dopaminergic toxicity of the herbicide atrazine in rat striatal slices.

Effect of pseudophosphorylation and cross-linking by lipid peroxidation and advanced glycation end product precursors on tau aggregation and filament formation.

Linuron and carbaryl differentially impair baseline amino acid and bile salt olfactory responses in three salmonids.

Mouse model of paraquat-poisoned lungs and its gene expression profile.

The effect of amifostine, a cytoprotective agent, on paraquat toxicity in mice.

[Protective effect of melatonin and sodium thiosulphate on histopathology and ultrastructure of the kidney in rats with acute paraquat poisoning].

Hypoxia protects human corneal endothelium from tertiary butyl hydroperoxide and paraquat-induced cell death in vitro.

Melatonin reduces mortality and oxidatively mediated hepatic and renal damage due to diquat treatment.

Modulation of 1-methyl-4-phenylpyridinium-induced mitochondrial dysfunction and cell death in PC12 cells by K(ATP) channel block.

Surflan and oryzalin impair reproduction in the teleost medaka (*Oryzias latipes*).

Characterization of hepatic glutathione S-transferases in coho salmon (*Oncorhynchus kisutch*).

Rosiglitazone protects human neuroblastoma SH-SY5Y cells against MPP⁺ induced cytotoxicity via inhibition of mitochondrial dysfunction and ROS production.

Cancer incidence and mortality in a New Zealand community potentially exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin from 2,4,5-trichlorophenoxyacetic acid manufacture.

Assessment of the potential toxicity of herbicides and their degradation products to nontarget cells using two microorganisms, the bacteria *Vibrio fischeri* and the ciliate *Tetrahymena pyriformis*.

Pesticide exposure exacerbates alpha-synucleinopathy in an A53T transgenic mouse model.

Mechanisms of immune system activation in glaucoma: oxidative stress-stimulated antigen presentation by the retina and optic nerve head glia.

Developmental toxicity evaluation of triclopyr butoxyethyl ester and triclopyr triethylamine salt in the CD rat.

Microglial activation as a priming event leading to paraquat-induced dopaminergic cell degeneration.

Effects of the herbicide Roundup on the epididymal region of drakes *Anas platyrhynchos*.

Mitochondria mass is low in mouse substantia nigra dopamine neurons: implications for Parkinson's disease.

Urinary alkalisation for acute chlorophenoxy herbicide poisoning.

Cross-talk between singlet oxygen- and hydrogen peroxide-dependent signaling of stress responses in *Arabidopsis thaliana*.

Paraquat and maneb induced neurotoxicity.

Cell-protective and antioxidant activity of two groups of synthetic amphiphilic compounds--phenolics and amine N-oxides.

Luteolin protects rat PC12 and C6 cells against MPP⁺ induced toxicity via an ERK dependent Keap1-Nrf2-ARE pathway.

A fatal case of paraquat poisoning following minimal dermal exposure.

Coca and poppy eradication in Colombia: environmental and human health assessment of aerially applied glyphosate.

Problem drinking in relation to treatment outcome among opiate addicts in methadone maintenance treatment.

Mortality, length of life, and physical examination attendance in participants of the Air Force Health Study.

Environmental effect assessment of Magnacide H herbicide at Río Colorado irrigation channels (Argentina). Tier 4: in situ survey on benthic invertebrates.

Risk assessment of Magnacide H herbicide at Río Colorado irrigation channels (Argentina). Tier 3: studies on native species.

Lipid oxidation products and oxidized low-density lipoproteins impair platelet-derived growth factor receptor activity in smooth muscle cells: implication in atherosclerosis.

Acrolein, a toxicant in cigarette smoke, causes oxidative damage and mitochondrial dysfunction in RPE cells: protection by (R)-alpha-lipoic acid.

Oxidative stress mediates tau-induced neurodegeneration in *Drosophila*.

Preliminary examination of short-term cellular toxicological responses of the coral *Madracis mirabilis* to acute Irgarol 1051 exposure.

Impact of the specificity of the exposure metric on exposure-response relationships.

Pesticides and impairment of mitochondrial function in relation with the parkinsonian syndrome.

Influence of phosphate on the response of periphyton to atrazine exposure.

Chemical genomic profiling for identifying intracellular targets of toxicants producing Parkinson's disease.

Divergent mechanisms of paraquat, MPP+, and rotenone toxicity: oxidation of thioredoxin and caspase-3 activation.

VIP is a transcriptional target of Nurr1 in dopaminergic cells.

Novel and extensive aspects of paraquat-induced pulmonary fibrogenesis: comparative and time-course microarray analyses in fibrogenic and non-fibrogenic rats.

Cells deficient in the FANC/BRCA pathway are hypersensitive to plasma levels of formaldehyde.

Acute antihypertensive action of Tempol in the spontaneously hypertensive rat.

Behavioral and histopathological consequences of paraquat intoxication in mice: effects of alpha-synuclein over-expression.

Oxidative damage in age-related macular degeneration.

Fragrances as a cause of food allergy.

Paraquat: the red herring of Parkinson's disease research.

Chronic inhalation of rotenone or paraquat does not induce Parkinson's disease symptoms in mice or rats.

Impact of arsenic in foodstuffs on the people living in the arsenic-affected areas of West Bengal, India.

Mitochondrial effects of lipid-derived neurotoxins.

Oxidative stress response involving induction of protective enzymes in *Candida dubliniensis*.

4-Hydroxynonenal, an endogenous aldehyde, causes pain and neurogenic inflammation through activation of the irritant receptor TRPA1.

Arsenic speciation of two specimens of Napoleon's hair.

The activity of 2'-benzoyloxycinnamaldehyde against drug-resistant cancer cell lines.

Arsenic metabolism, genetic susceptibility, and risk of premalignant skin lesions in Bangladesh.

Carcinogenicity of dimethylarsinic acid in Ogg1-deficient mice.

Acute acrolein-induced cystitis in mice.

Down-regulation of glutaminase C in human hepatocarcinoma cell by diphenylarsinic acid, a degradation product of chemical warfare agents.

Nitric oxide and oxygen radical attack on GDP-dissociation inhibitor 2 (GDI-2) in spinal cord injury of the rat.

Inhibitory effect of cinnamaldehyde, derived from *Cinnamomi cortex*, on the growth of influenza A/PR/8 virus in vitro and in vivo.

Prostacyclin prevents pulmonary endothelial cell apoptosis induced by cigarette smoke.

Interaction of genetic and environmental factors in a *Drosophila* parkinsonism model.

Arsenic methylation, GSTT1, GSTM1, GSTP1 polymorphisms, and skin lesions.

Undersulfation of glycosaminoglycans induced by sodium chlorate treatment affects the progression of C6 rat glioma, in-vivo.

Evaluation of oxidative stress in D-serine induced nephrotoxicity.

High free serum acrolein levels in bacterial infection and other disease states associated with oxidative stress: a potential biomarker?

In parkinsonian substantia nigra, alpha-synuclein is modified by acrolein, a lipid-peroxidation product, and accumulates in the dopamine neurons with inhibition of proteasome activity.

Nicotine partially protects against paraquat-induced nigrostriatal damage in mice; link to alpha6beta2* nAChRs.

Indoxyl sulfate-lowering capacity of oral sorbents affects the prognosis of kidney function and oxidative stress in chronic kidney disease.

Antiplatelet and antithrombotic activities of essential oil from wild *Ocotea quixos* (Lam.) Kosterm. (Lauraceae) calices from Amazonian Ecuador.

Mitochondrial damage modulates alternative splicing in neuronal cells: implications for neurodegeneration.

Binge ethanol administration enhances the MDMA-induced long-term 5-HT neurotoxicity in rat brain.

Cinnamaldehyde reduction of platelet aggregation and thrombosis in rodents.

Lack of mutagenicity of acrolein-induced DNA adducts in mouse and human cells.

Genome-wide interacting effects of sucrose and herbicide-mediated stress in *Arabidopsis thaliana*: novel insights into atrazine toxicity and sucrose-induced tolerance.

Fate and behavior of Benthocarb--a herbicide in transplanted paddy under East-Indian climatic condition.

Production of a novel neuromelanin at the sevoflurane-water interface.

Metabolic profiling using Fourier-transform ion-cyclotron-resonance mass spectrometry.

Reactive oxygen species generation by the ethylene-bis-dithiocarbamate (EBDC) fungicide mancozeb and its contribution to neuronal toxicity in mesencephalic cells.

Application of a microbial toxicity assay for monitoring treatment effectiveness of pentachlorophenol in water using UV photolysis and TiO₂ photocatalysis.

Modification by acrolein, a component of tobacco smoke and age-related oxidative stress, mediates functional impairment of human apolipoprotein E.

Induction of COX-2 by acrolein in rat lung epithelial cells.

Antioxidant enzyme inhibitors enhance peroxynitrite-induced cell death in U937 cells.

Impairment of the photosynthetic apparatus by oxidative stress induced by photosensitization reaction of protoporphyrin IX.

Distribution of ¹⁴C-atrazine following an acute lactational exposure in the Wistar rat.

Mitochondria are a major source of paraquat-induced reactive oxygen species production in the brain.

Glyphosate-resistant and -susceptible soybean (*Glycine max*) and canola (*Brassica napus*) dose response and metabolism relationships with glyphosate.

Cyanide-induced death of cells in plant leaves.

2-hydroxycinnamaldehyde inhibits SW620 colon cancer cell growth through AP-1 inactivation.

Disruption of autophagy results in constitutive oxidative stress in *Arabidopsis*.

Inhibition of cyclin-dependent kinases is neuroprotective in 1-methyl-4-phenylpyridinium-induced apoptosis in neurons.

Effects of copper-phenanthroline on pentachlorophenol-induced adaptation and cell death of *Escherichia coli*.

Impact of the loss of AtMSH2 on double-strand break-induced recombination between highly diverged homeologous sequences in *Arabidopsis thaliana* germinal tissues.

Plastid biotechnology: prospects for herbicide and insect resistance, metabolic engineering and molecular farming.

Activation of the death receptor pathway of apoptosis by the aldehyde acrolein.

Abiotic sulfhydryl reactivity: a predictor of aquatic toxicity for carbonyl-containing alpha,beta-unsaturated compounds.

Ifosfamide toxicity in cultured proximal renal tubule cells.

Poly-beta-hydroxybutyrate accumulation in *Nostoc muscorum*: effects of metabolic inhibitors.

Trimethylamine oxide suppresses stress-induced alteration of organic anion transport in choroid plexus.

Toxicity of three polyethoxylated tallowamine surfactant formulations to laboratory and field collected fairy shrimp, *Thamnocephalus platyurus*.

The *Streptococcus mutans* vicX gene product modulates gtfB/C expression, biofilm formation, genetic competence, and oxidative stress tolerance.

Toxicity assays in nanodrops combining bioassay and morphometric endpoints.

In vitro studies on the integrated control of rapeseed white stem rot disease through the application of herbicides and *Trichoderma* species.

Critical role of exposure time to endogenous oxidative stress in hepatocyte apoptosis.

Agmatine transport into spinal nerve terminals is modulated by polyamine analogs.

Oxidative stress impairs heme detoxification in the midgut of the cattle tick, *Rhipicephalus (Boophilus) microplus*.

Supplementation of ascorbic acid and alpha-tocopherol prevents arsenic-induced protein oxidation and DNA damage induced by arsenic in rats.

Household exposure to pesticides and risk of childhood hematopoietic malignancies: The ESCALE study (SFCE).

Effects of 4-chloro-2,6-bis-(2-hydroxyl-benzyl)-phenol on healing of skin wounds and growth of bacteria.

Iron deficiency anemia in infancy is associated with altered temporal organization of sleep states in childhood.

Increased plasma malondialdehyde and fructosamine in iron deficiency anemia: effect of treatment.

Iron supplementation in pregnancy--does the preparation matter?

Folate deficiency enhances arsenic effects on expression of genes involved in epidermal differentiation in transgenic K6/ODC mouse skin.

The aryl hydrocarbon receptor is required for optimal resistance to *Listeria monocytogenes* infection in mice.

Autism: transient in utero hypothyroxinemia related to maternal flavonoid ingestion during pregnancy and to other environmental antithyroid agents.

[A protector effect of cytokinin preparations on the photosynthetic apparatus of wheat plants under water deficiency conditions].

Method development study for APR cartridge evaluation in fire overhaul exposures.

Protection of arsenic-induced hepatic disorder by arjunolic acid.

Antiteratogenic effects of alpha-naphthoflavone on 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposed mice in utero.

Pathogenesis of aryl hydrocarbon receptor-mediated development of lymphoma is associated with increased cyclooxygenase-2 expression.

Chronic disease and early exposure to air-borne mixtures. 2. Exposure assessment.

Endoplasmic reticulum stress is involved in arsenite-induced oxidative injury in rat brain.

Environmental aspects of VOCs evolved in the early stages of human decomposition.

Genetic susceptibility to environmental toxicants in ALS.

[The etiology of congenital diaphragmatic hernia and esophageal atresia: the Hox genes].

Arsenic neurotoxicity--a review.

Swimming in chlorine byproducts.

Stability studies of principal illicit drugs in oral fluid: preparation of reference materials for external quality assessment schemes.

Mechanisms of action of the congenital diaphragmatic hernia-inducing teratogen nitrofen.

Studies on the cell treatment conditions to elicit lipolytic responses from 3T3-L1 adipocytes to TCDD, 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Environmental dioxin compounds as the cause of endometriosis and other diseases].

Cortical spreading depression releases ATP into the extracellular space and purinergic receptor activation contributes to the induction of ischemic tolerance.

2,3,7,8-TCDD exposure, endothelial dysfunction and impaired microvascular reactivity.

In vitro bioavailability of iron and sensory qualities of iron-fortified wheat biscuits.

Lafora-like ground-glass inclusions in hepatocytes of pediatric patients: a report of two cases.

Randomized trial of early versus late enteral iron supplementation in infants with a birth weight of less than 1301 grams: neurocognitive development at 5.3 years' corrected age.

Unintentional household poisoning in children.

Comparison of the cytotoxicity of the nitroaromatic drug flutamide to its cyano analogue in the hepatocyte cell line TAMH: evidence for complex I inhibition and mitochondrial dysfunction using toxicogenomic screening.

Mechanism of internalization of an ICAM-1-derived peptide by human leukemic cell line HL-60: influence of physicochemical properties on targeted drug delivery.

Isolation and characterization of arsenite-resistant human epidermoid carcinoma KB cells.

Relationship between serum concentrations of persistent organic pollutants and the prevalence of metabolic syndrome among non-diabetic adults: results from the National Health and Nutrition Examination Survey 1999-2002.

Enhancement of allergic responses in vivo and in vitro by butylated hydroxytoluene.

Arsenic exposure in pregnant mice disrupts placental vasculogenesis and causes spontaneous abortion.

p53 response to arsenic exposure in epithelial cells: protein kinase B/Akt involvement.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the developing male Wistar(Han) rat. I: No decrease in epididymal sperm count after a single acute dose.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the developing male Wistar(Han) rat. II: Chronic dosing causes developmental delay.

Embryonic essential myosin light chain regulates fetal lung development in rats.

Acute toxicity of sodium arsenite in a complex food matrix.

Expression of STAT3 and Bcl-6 oncoprotein in sodium arsenite-treated SV-40 immortalized human uroepithelial cells.

Arsenic salts induced autophagic cell death and hypermethylation of DAPK promoter in SV-40 immortalized human uroepithelial cells.

[Effect of tetrandrine on lung development: experiment of nitrofen-induced congenital diaphragmatic hernia fetal rat model].

Goserelin acetate 10.8 mg plus iron versus iron monotherapy prior to surgery in premenopausal women with iron-deficiency anemia due to uterine leiomyomas: results from a Phase III, randomized, multicenter, double-blind, controlled trial.

Oral sodium chlorate, topical disinfection, and younger weaning age reduce *Salmonella enterica* shedding in pigs.

Combination of 17beta-estradiol with the environmental pollutant TCDD is involved in pathogenesis of endometriosis via up-regulating the chemokine I-309-CCR8.

Association between serum concentrations of persistent organic pollutants and self-reported cardiovascular disease prevalence: results from the National Health and Nutrition Examination Survey, 1999-2002.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces oxidative stress, DNA strand breaks, and poly(ADP-ribose) polymerase-1 activation in human breast carcinoma cell lines.

Development of a conditional bioluminescent transplant model for TPM3-ALK-induced tumorigenesis as a tool to validate ALK-dependent cancer targeted therapy.

Chronic brain cytochrome oxidase inhibition selectively alters hippocampal cholinergic innervation and impairs memory: prevention by ladostigil.

Artificial sweeteners and salts producing a metallic taste sensation activate TRPV1 receptors.

Temporal and spatial profiles of cell loss after spinal cord injury: Reduction by a metalloporphyrin.

A proposed mechanism for the protective effect of dioxin against breast cancer.

Strengths and limitations of using repeat-dose toxicity studies to predict effects on fertility.

Fetal tracheal occlusion for the treatment of congenital diaphragmatic hernia.

Polychlorinated biphenyls modulated tumorigenesis in Sprague Dawley rats: correlation with mixed function oxidase activities and superoxide (O_2^*) formation potentials and implied mode of action.

Protective effects of hepatocellular canalicular conjugate export pump (Mrp2) on sodium arsenite-induced hepatic dysfunction in rats.

Mitochondrial respiratory inhibition and oxidative stress elevate beta-secretase (BACE1) proteins and activity in vivo in the rat retina.

Control of piglet coccidiosis by chemical disinfection with a cresol-based product (Neopredisan 135-1).

Workshop overview: arsenic research and risk assessment.

Hostility, anger, and depression predict increases in C3 over a 10-year period.

Sarcoma risk and dioxin emissions from incinerators and industrial plants: a population-based case-control study (Italy).

Pesticide use and colorectal cancer risk in the Agricultural Health Study.

Prevalence and risk factors of low-birth-weight infants in Zahedan, Islamic Republic of Iran.

Policy statement on iron deficiency in pre-school-aged children.

Cyclic AMP enhancers and Abeta oligomerization blockers as potential therapeutic agents in Alzheimer's disease.

Pulmonary epithelial cell differentiation in the nitrofen-induced congenital diaphragmatic hernia.

Sodium selenite induces superoxide-mediated mitochondrial damage and subsequent autophagic cell death in malignant glioma cells.

[Effectiveness of different iron supplementation strategies on hemoglobin and ferritin levels among schoolchildren in Teresina, Piauí- State, Brazil].

Association of serum concentrations of persistent organic pollutants with the prevalence of learning disability and attention deficit disorder.

Insulin resistance and the mitochondrial link. Lessons from cultured human myotubes.

Subchronic feeding study of DAS-59122-7 maize grain in Sprague-Dawley rats.

Efficacy of 2,6-dichlorophenol lure to control *Dermacentor nitens*.

[Cancers and pesticides].

[Phyt'attitude: network for toxicovigilance in agriculture].

Selenium deficiency alters epithelial cell morphology and responses to influenza.

Mass iron treatment is cheaper than routine deworming.

Differences in acute toxicity syndromes of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin in rats.

Fortification of drinking water to control iron-deficiency anemia in preschool children.

Effects of various iron fortificants on sensory acceptability and shelf-life stability of instant noodles.

Oxidative stress kills human primary oligodendrocytes via neutral sphingomyelinase: implications for multiple sclerosis.

The menace of endocrine disruptors on thyroid hormone physiology and their impact on intrauterine development.

[Chloracne after exposure to dioxin].

[Efficacy of iron supplementation with or without vitamin A for anemia control].

Sequential treatment by ionizing radiation and sodium arsenite dramatically accelerates TRAIL-mediated apoptosis of human melanoma cells.

Proteome and cytoskeleton responses in osteosarcoma cells with reduced OXPHOS activity.

A randomised placebo-controlled trial to determine the effect of iron supplementation on pregnancy outcome in pregnant women with haemoglobin \geq 13.2 g/dl.

Bacterial reduction in infected root canals treated with 2.5% NaOCl as an irrigant and calcium hydroxide/camphorated paramonochlorophenol paste as an intracanal dressing.

Symptomatic response of erythropoietic protoporphyria to iron supplementation.

Allium cepa chromosome aberration and micronucleus tests applied to study genotoxicity of extracts from pesticide-treated vegetables and grapes.

Arsenite-induced alterations in Ku70-deficient cells: a model to study genotoxic effects.

Chemical contaminants, health indicators, and reproductive biomarker responses in fish from the Colorado River and its tributaries.

Effects of the plant flavonoids silymarin and quercetin on arsenite-induced oxidative stress in CHO-K1 cells.

Agricultural exposures and gastric cancer risk in Hispanic farm workers in California.

Association of allergic rhinitis with pesticide use among grape farmers in Crete, Greece.

The effect of anionic and cationic surfactants on indicators and measurement of dissociation constants with two different methods.

Exposure in utero to 2,2',3,3',4,6'-hexachlorobiphenyl (PCB 132) impairs sperm function and alters testicular apoptosis-related gene expression in rat offspring.

Vitamin A deficiency (VAD), teratogenic, and surgical models of congenital diaphragmatic hernia (CDH).

Decreased lung fibroblast growth factor 18 and elastin in human congenital diaphragmatic hernia and animal models.

Preliminary morphological and morphometric study of rat cerebellum following sodium arsenite exposure during rapid brain growth (RBG) period.

[Effect on the expression of testicular steroidogenic enzymes in fetal mouse by maternal exposure to TCDD].

[Relationship between blood dioxin levels and present/past clinical symptoms in Kanemi Yusho patients].

Genetic modification of chondrocytes with insulin-like growth factor-1 enhances cartilage healing in an equine model.

Molecular mechanisms of the diabetogenic effects of arsenic: inhibition of insulin signaling by arsenite and methylarsonous acid.

Post-Injury Administration of Mitochondrial Uncouplers Increases Tissue Sparing and Improves Behavioral Outcome following Traumatic Brain Injury in Rodents.

Chronic bronchitis among nonsmoking farm women in the agricultural health study.

Inhibition of NF- κ B does not induce c-Jun N-terminal kinase-mediated apoptosis in reperfusion injury.

Inhibiting glycosphingolipid synthesis improves glycemic control and insulin sensitivity in animal models of type 2 diabetes.

Yeast NDI1 improves oxidative phosphorylation capacity and increases protection against oxidative stress and cell death in cells carrying a Leber's hereditary optic neuropathy mutation.

Ketone bodies alter dinitrophenol-induced glucose uptake through AMPK inhibition and oxidative stress generation in adult cardiomyocytes.

Serum monocyte chemoattractant protein-1 levels in congenital diaphragmatic hernia.

A gene-environment study of the paraoxonase 1 gene and pesticides in amyotrophic lateral sclerosis.

Pro-angiogenesis action of arsenic and its reversal by selenium-derived compounds.

Antipsychotics for delirium.

Some clinico and histopathological changes in female goats experimentally exposed to dioxin.

Possible application of human c-Ha-ras proto-oncogene transgenic rats in a medium-term bioassay model for carcinogens.

Pulmonary biomarkers based on alterations in protein expression after exposure to arsenic.

[The role of insulin-like growth factor-2 gene differentially methylated regions in TCDD-induced malformation].

Ubiquitinated-protein aggregates form in pancreatic beta-cells during diabetes-induced oxidative stress and are regulated by autophagy.

Proteomic analysis of exfoliation deposits.

Zinc supplementation of pregnant rats with adequate zinc nutrition suppresses immune functions in their offspring.

Protective effect of *Mentha piperita* against arsenic-induced toxicity in liver of Swiss albino mice.

Antinuclear antibodies and bromoxynil exposure in a rural sample.

Iron absorption from wheat flour: effects of lemonade and chamomile infusion.

New insights about iron bioavailability inhibition by zinc.

The gestational environment and Parkinson's disease: evidence for neurodevelopmental origins of a neurodegenerative disorder.

In utero arsenic exposure induces early onset of atherosclerosis in ApoE^{-/-} mice.

Prevention of aneuploidy by S-adenosyl-methionine in human cells treated with sodium arsenite.

On the translation of uncertainty from toxicokinetic to toxicodynamic models--the TCDD example.

Long-term effects of subcutaneously injected 2,3,7,8-tetrachlorodibenzo-p-dioxin on the liver of rhesus monkeys.

Polychlorinated dibenzothiophenes in Japanese environmental samples and their photodegradability and dioxin-like endocrine-disruption potential.

Iron therapy for renal anemia: how much needed, how much harmful?

Role of heat shock protein 70 in hepatic ischemia-reperfusion injury in mice.

Thirteen week feeding study with transgenic maize grain containing event DAS-157-1 in Sprague-Dawley rats.

Developmental exposure of mice to TCDD elicits a similar uterine phenotype in adult animals as observed in women with endometriosis.

Atmospheric photochemical transformations enhance 1,3-butadiene-induced inflammatory responses in human epithelial cells: The role of ozone and other photochemical degradation products.

Suppression of fetal testicular cytochrome P450 17 by maternal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: a mechanism involving an initial effect on gonadotropin synthesis in the pituitary.

Inhibition of CYP1A enzymes by alpha-naphthoflavone causes both synergism and antagonism of retene toxicity to rainbow trout (*Oncorhynchus mykiss*).

Rickettsial and other tick-borne infections.

Electrolytic iron or ferrous sulfate increase body iron in women with moderate to low iron stores.

Occupational exposure to methyl iodide.

Severe skin reaction due to excipients of an oral iron treatment.

Medical countermeasure against respiratory toxicity and acute lung injury following inhalation exposure to chemical warfare nerve agent VX.

Preharvest control of *Escherichia coli* O157 in cattle.

Hepatoprotective activity of liposomal flavonoid against arsenite-induced liver fibrosis.

Benzo[a]pyrene-7,8-dihydrodiol promotes checkpoint activation and G2/M arrest in human bronchoalveolar carcinoma H358 cells.

Identification of kaempferol as an inhibitor of cigarette smoke-induced activation of the aryl hydrocarbon receptor and cell transformation.

Pharmacokinetics of arsenic species in Japanese patients with relapsed or refractory acute promyelocytic leukemia treated with arsenic trioxide.

Magnetic resonance for evaluation of toxic encephalopathies: implications from animal experiments.

New approach to risk assessment of central neurotoxicity induced by 1-bromopropane using animal models.

Hsp90 inhibitors suppress HCV replication in replicon cells and humanized liver mice.

[Effect of tetrandrine on endothelin expression in the lungs and clinical significance thereof: experiment with rat models with nitrofen-induced congenital diaphragmatic hernia].

Newly diagnosed iron deficiency anaemia in a premenopausal woman.

[Arsenical poisoning: how and why to diagnose it].

Rationale and design of the IRON-HF study: a randomized trial to assess the effects of iron supplementation in heart failure patients with anemia.

Dose- and time-dependent effects of 2,3,7,8-tetrabromodibenzo-p-dioxin on rat liver.

Down-regulation of Wnt signal pathway in nitrofen-induced hypoplastic lung.

Reduced expression of aquaporin 5 water channel in nitrofen-induced hypoplastic lung with congenital diaphragmatic hernia rat model.

Disturbance of retinol transportation causes nitrofen-induced hypoplastic lung.

Neurological and neurophysiological examinations on workers with chronic poisoning by 2,3,7,8-TCDD: follow-up 35 years after exposure.

Clinical aspects of iron use in the anemia of kidney disease.

Effect of alpha-asarone and a derivative on lipids, bile flow and Na⁺/K⁺-ATPase in ethinyl estradiol-induced cholestasis in the rat.

P-selectin mediates metastatic progression through binding to sulfatides on tumor cells.

P-cresylsulphate, the main in vivo metabolite of p-cresol, activates leucocyte free radical production.

ATP depletion does not account for apoptosis induced by inhibition of mitochondrial electron transport chain in human dopaminergic cells.

Uncoupling of oxidative phosphorylation enables *Candida albicans* to resist killing by phagocytes and persist in tissue.

Effect of iron repletion and correction of iron deficiency on thyroid function in iron-deficient Iranian adolescent girls.

Genetic polymorphisms in MTHFR 677 and 1298, GSTM1 and T1, and metabolism of arsenic.

Arsenic-induced toxicity and the protective role of ascorbic acid in mouse testis.

Arsenic methylation capability and hypertension risk in subjects living in arseniasis-hyperendemic areas in southwestern Taiwan.

Involvement of cannabinoid CB2 receptors in the IgE-mediated triphasic cutaneous reaction in mice.

Microarray analysis of gene expression in peripheral blood mononuclear cells from dioxin-exposed human subjects.

Vesicle disruption, plasma membrane bleb formation, and acute cell death caused by illumination with blue light in acridine orange-loaded malignant melanoma cells.

Comparison of efficacy, tolerability, and cost of iron polymaltose complex with ferrous sulphate in the treatment of iron deficiency anemia in pregnant women.

Keokuk County rural health study: self-reported use of agricultural chemicals and protective equipment.

Periradicular repair after two-visit endodontic treatment using two different intracanal medications compared to single-visit endodontic treatment.

Transcriptional control of energy homeostasis through the PGC1 coactivators.

In vitro mitigation of arsenic toxicity by tea polyphenols in human lymphocytes.

[Sea urchin embryo, DNA-damaged cell cycle checkpoint and the mechanisms initiating cancer development].

Transcriptional control of mitochondrial energy metabolism through the PGC1 coactivators.

Reproductive disorders associated with pesticide exposure.

Pre-harvest interventions to reduce the shedding of *E. coli* O157 in the faeces of weaned domestic ruminants: a systematic review.

[Sodium azide--clinical course of the poisoning and treatment].

Iron(III)-hydroxide polymaltose complex in iron deficiency anemia / review and meta-analysis.

Analgesic, antipyretic and anti-inflammatory properties of *Mezoneuron benthamianum* Baill (Caesalpinaceae).

Residual antibacterial activity of chlorhexidine digluconate and camphorated p-monochlorophenol in calcium hydroxide-based root canal dressings.

Alcoholic myopathy and acetaldehyde.

Interactions among infections, nutrients and xenobiotics.

[Hepatocyte mitochondrion respiratory chain in rats with experimental toxic hepatitis].

Decreased treatment failure rates following duodenal release ferrous glycine sulfate in iron deficiency anemia associated with autoimmune gastritis and *Helicobacter pylori* gastritis.

Altered subcellular distribution of the Alzheimer's amyloid precursor protein under stress conditions.

Arsenic methylation, urinary arsenic metabolites and human diseases: current perspective.

Exacerbation of infectious diseases by iron supplementation.

Fatty acid biosynthesis as a drug target in apicomplexan parasites.

Is any link between inflammation and coronary artery ectasia?

Kidney development in the nitrofen-induced pulmonary hypoplasia and congenital diaphragmatic hernia in rats.

Multimicronutrient supplementation for undernourished pregnant women and the birth size of their offspring: a double-blind, randomized, placebo-controlled trial.

Differential sensitivity of cones to iron-mediated oxidative damage.

Involvement of substance P and neurogenic inflammation in arsenic-induced early vascular dysfunction.

Iron supplementation maintains ventilatory threshold and improves energetic efficiency in iron-deficient nonanemic athletes.

Environmental and host-associated risk factors in endometriosis and deep endometriotic nodules: a matched case-control study.

SLV313 (1-(2,3-dihydro-benzo[1,4]dioxin-5-yl)-4- [5-(4-fluoro-phenyl)-pyridin-3-ylmethyl]-piperazine monohydrochloride): a novel dopamine D2 receptor antagonist and 5-HT1A receptor agonist potential antipsychotic drug.

In vitro utilization of ferromagnetic nanoparticles in hemodialysis therapy.

A critical comparison of murine pathology and epidemiological data of TCDD, PCB126, and PeCDF.

The risk screening for indoor air pollution chemicals in Japan.

Association of thyroid hormone concentrations with levels of organochlorine compounds in cord blood of neonates.

The influence of exposure history on arsenic accumulation and toxicity in the killifish, *Fundulus heteroclitus*.

Phytanic acid impairs mitochondrial respiration through protonophoric action.

ATF4-dependent oxidative induction of the DNA repair enzyme Ape1 counteracts arsenite cytotoxicity and suppresses arsenite-mediated mutagenesis.

Dioxin affects glucose transport via the arylhydrocarbon receptor signal cascade in pluripotent embryonic carcinoma cells.

Constitutive expression and inducibility of CYP1A1 in the H9c2 rat cardiomyoblast cells.

A new electro-optical approach to rapid assay of cell viability.

Mitochondrial swelling impairs the transport of organelles in cerebellar granule neurons.

Damage to the cytoplasmic membrane and cell death caused by lycopene in *Candida albicans*.

Hepatic transcriptional networks induced by exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Salt tolerance requires cortical microtubule reorganization in *Arabidopsis*.

Uridine-5'-triphosphate (UTP) maintains cardiac mitochondrial function following chemical and hypoxic stress.

Fibroblast growth factor-binding protein and N-deacetylase/N-sulfotransferase-1 expression in type II cells is modulated by heparin and extracellular matrix.

Platelet-endothelial cell adhesion molecule-1-directed endothelial targeting of superoxide dismutase alleviates oxidative stress caused by either extracellular or intracellular superoxide.

Exposure to arsenic at levels found in U.S. drinking water modifies expression in the mouse lung.

Panax ginseng effects on DNA damage, CYP1A1 expression and histopathological changes in testes of rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Alpha,beta-unsaturated aldehydes in cigarette smoke release inflammatory mediators from human macrophages.

Analysis of cell death inducing compounds.

Lipid peroxidation-induced DNA damage in cancer-prone inflammatory diseases: a review of published adduct types and levels in humans.

Immunomodulatory effects of organochlorine mixtures upon in vitro exposure of peripheral blood leukocytes differ between free-ranging and captive southern sea otters (*Enhydra lutris*).

Neuroprotective actions of 2,4-dinitrophenol: Friend or foe?

Identification of phenolic dermal sensitizers in a wound closure tape.

Folic acid supplementation lowers blood arsenic.

Acute and chronic toxicity of technical-grade pesticides to glochidia and juveniles of freshwater mussels (Unionidae).

Acute toxicities of trace metals and common xenobiotics to the marine copepod *Tigriopus japonicus*: Evaluation of its use as a benchmark species for routine ecotoxicity tests in Western Pacific coastal regions.

Relationships between tissue levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), mRNAs, and toxicity in the developing male Wistar(Han) rat.

Drosophila DJ-1 mutants are sensitive to oxidative stress and show reduced lifespan and motor deficits.

Protective effects of several components of *Gastrodia elata* on lipid peroxidation in gerbil brain homogenates.

Environmental toxicants may modulate osteoblast differentiation by a mechanism involving the aryl hydrocarbon receptor.

Expression of the small heat shock protein gene, *hsp30*, in *Rana catesbeiana* fibroblasts.

Genotoxicity of arsenic evaluated by *Allium*-root micronucleus assay.

The effect of aromatic hydrocarbon receptor on the phenotype of the Hepa 1c1c7 murine hepatoma cells in the absence of dioxin.

Control of *Paratrichodorus allius* and Corky Ringspot Disease in Potato with Shank-injected Metam Sodium.

Contaminants in fish: risk-benefit considerations.

The biological and toxicological importance of molybdenum in the environment and in the nutrition of plants, animals and man. Part 1: Molybdenum in plants.

An angiotensin II type-I receptor blocker, olmesartan medoxomil, attenuates lipid peroxidation in renal injury induced by subtotal nephrectomy.

Isoproterenol hydrochloride augments collagen proliferation and ATPase activity in mice soleus and EDL muscles.

Lack of an effect of oral iron administration on mycophenolic acid pharmacokinetics in stable renal transplant recipients.

Melatonin attenuates arsenite-induced apoptosis in rat brain: involvement of mitochondrial and endoplasmic reticulum pathways and aggregation of alpha-synuclein.

The Arabidopsis BAP1 and BAP2 genes are general inhibitors of programmed cell death.

Tumor necrosis factor-alpha modulates effects of aryl hydrocarbon receptor ligands on cell proliferation and expression of cytochrome P450 enzymes in rat liver "stem-like" cells.

Arsenite induced oxidative damage in mouse liver is associated with increased cytokeratin 18 expression.

Catalase takes part in rat liver mitochondria oxidative stress defense.

Management of Soilborne Diseases in Strawberry Using Vegetable Rotations.

Metabolic activation of herbal and dietary constituents and its clinical and toxicological implications: an update.

Relationships of thyroid hormones with polychlorinated biphenyls, dioxins, furans, and DDE in adults.

Contamination of vegetables of different seasons with organophosphorous pesticides and related health risk assessment in northern India.

Functional ryanodine receptors are expressed by human microglia and THP-1 cells: Their possible involvement in modulation of neurotoxicity.

Cytotoxicity, genotoxicity and ecotoxicity assay using human cell and environmental species for the screening of the risk from pollutant exposure.

Hemodynamic consequences of chronic parasympathetic blockade with a peripheral muscarinic antagonist.

In vitro and in vivo characterization of [3H]CNS-5161--a use-dependent ligand for the N-methyl-D-aspartate receptor in rat brain.

Commonly used tropical medicinal plants exhibit distinct in vitro antioxidant activities against hepatotoxins in rat liver.

Cellular thiol pools are responsible for sequestration of cytotoxic reactive aldehydes: central role of free cysteine and cysteamine.

Cytotoxic effects and aromatase inhibition by xenobiotic endocrine disrupters alone and in combination.

SCL-GFP transgenic zebrafish: in vivo imaging of blood and endothelial development and identification of the initial site of definitive hematopoiesis.

An aryl hydrocarbon receptor odyssey to the shores of toxicology: the Deichmann Lecture, International Congress of Toxicology-XI.

Gonadotropin-releasing hormone neurons express estrogen receptor-beta.

Acute and sub-lethal toxicity of three POEA surfactant formulations to *Daphnia magna*.

Toxicological characterization of 2,4,6-trinitrotoluene, its transformation products, and two nitramine explosives.

Intravenous versus oral iron supplementation in peritoneal dialysis patients.

Effects of some endocrine disruptors on the proliferation and viability of human endometrial endothelial cells in vitro.

Molecular characterization of cytochrome P450 1A1, 1A2, and 1B1, and effects of polychlorinated dibenzo-p-dioxin, dibenzofuran, and biphenyl congeners on their hepatic expression in Baikal seal (*Pusa sibirica*).

Overexpression of thioredoxin1 in transgenic mice suppresses development of diabetic nephropathy.

Dioxin exposure in contaminated sawmill area: the use of molar teeth and bone of bank vole (*Clethrionomys glareolus*) and field vole (*Microtus agrestis*) as biomarkers.

Possible role of carbonic anhydrase in rat pancreatic islets: enzymatic, secretory, metabolic, ionic, and electrical aspects.

Gpx4 protects mitochondrial ATP generation against oxidative damage.

Effects of Border Crops and Intercrops on Control of Cucurbit Virus Diseases.

Chronic exposure to sub-lethal concentration of a glyphosate-based herbicide alters hormone profiles and affects reproduction of female Jundiã (*Rhamdia quelen*).

Regulation of aryl hydrocarbon receptor activity in porcine cumulus-oocyte complexes in physiological and toxicological conditions: the role of follicular fluid.

Reed beds receiving industrial sludge containing nitroaromatic compounds. Effects of outgoing water and bed material extracts in the umu-c genotoxicity assay, DR-CALUX assay and on early life stage development in zebrafish (*Danio rerio*).

Bioanalytical characterisation of estrogen and arylhydrocarbon receptor agonists in transplanted blue mussels (*Mytilus edulis*): proof of concept.

4-Methoxyestradiol-induced oxidative injuries in human lung epithelial cells.

Kinetics and functional assay of liver repopulation after human cord blood transplantation.

Cell death and impairment of glucose-stimulated insulin secretion induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the beta-cell line INS-1E.

MRP2 and acquired tolerance to inorganic arsenic in the kidney of killifish (*Fundulus heteroclitus*).

Characterization of the relaxant response to N,N'-dipropyl-1,2-bis(2,6-dichloro-4-hydroxyphenyl)ethylenediamine in porcine coronary arteries.

Reproductive functions and hypothalamic catecholamines in response to the soil fumigant metam sodium: adaptations to extended exposures.

Resveratrol increases vascular oxidative stress resistance.

Role of O6-methylguanine-DNA methyltransferase in protecting from alkylating agent-induced toxicity and mutations in mice.

N-methyltetrahydro-beta-carboline analogs of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) neurotoxin are oxidized to neurotoxic beta-carbolinium cations by heme peroxidases.

Does paternal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) affect the sex ratio of offspring?

Preoperative haematinics and transfusion protocol reduce the need for transfusion after total knee replacement.

Effects of brominated flame retardants and brominated dioxins on steroidogenesis in H295R human adrenocortical carcinoma cell line.

Neuroprotection from secondary injury by polyethylene glycol requires its internalization.

Alterations in proteoglycan synthesis selectively impair FSH-induced particulate cAMP-phosphodiesterase 4 (PDE4) activation in immature rat Sertoli cells.

Health effects classification and its role in the derivation of minimal risk levels: immunological effects.

The Slr2-type MAP kinase Bmp3 of *Botrytis cinerea* is required for normal saprotrophic growth, conidiation, plant surface sensing and host tissue colonization.

Cigarette smoking as a risk factor for atherosclerosis and renal disease: novel pathogenic insights.

Impairment of cellulose synthases required for *Arabidopsis* secondary cell wall formation enhances disease resistance.

In vitro effects of reactive oxygen metabolites, with and without flunixin meglumine, on equine colonic mucosa.

Stearic acid protects primary cultured cortical neurons against oxidative stress.

Disruption of iron homeostasis increases phosphine toxicity in *Caenorhabditis elegans*.

Fibronectin and laminin induce expression of islet cell markers in hepatic oval cells in culture.

No contribution of multipotent mesenchymal stromal cells to liver regeneration in a rat model of prolonged hepatic injury.

Computer aided boar semen motility analysis for cereulide detection in different food matrices.

The development of an aquatic bivalve model: evaluating the toxic effects on gametogenesis following 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) exposure in the eastern oyster (*Crassostrea virginica*).

Efficacy of Germination Stimulants of Sclerotia of *Sclerotium cepivorum* for Management of White Rot of Garlic.

Reduction of *Phytophthora cactorum* in Strawberry Fields by *Trichoderma* spp. and Soil Solarization.

Synergism between the toxicity of chlorophenols and iron complexes.

Plasma polymer coated surfaces for serum-free culture of limbal epithelium for ocular surface disease.

Relation between serum xenobiotic-induced receptor activities and sperm DNA damage and sperm apoptotic markers in European and Inuit populations.

Chironomids: suitable test organisms for risk assessment investigations on the potential endocrine disrupting properties of pesticides.

Zea mays: benzoxazolinone detoxification under sulfur deficiency conditions--a complex allelopathic alliance including endophytic *Fusarium verticillioides*.

Skin-derived fibroblasts from long-lived species are resistant to some, but not all, lethal stresses and to the mitochondrial inhibitor rotenone.

Smoke from traditional commercial, harm reduction and research brand cigarettes impairs oviductal functioning in hamsters (*Mesocricetus auratus*) in vitro.

Exposure of bovine sperm to pro-oxidants impairs the developmental competence of the embryo after the first cleavage.

Ovarian endocrine disruption underlies premature reproductive senescence following environmentally relevant chronic exposure to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Investigating the role of the aryl hydrocarbon receptor in benzene-initiated toxicity in vitro.

Comparative developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the hamster, rat and guinea pig.

Testicular toxicity and mechanisms of chlorotoluron compounds in the mouse.

Removal of endocrine disrupting chemicals (EDCs) using low pressure reverse osmosis membrane (LPROM).

Oxidative DNA damage in mild cognitive impairment and late-stage Alzheimer's disease.

Cryopreservation of human hepatocytes alters the mitochondrial respiratory chain complex 1.

PLA2 mediated arachidonate free radicals: PLA2 inhibition and neutralization of free radicals by anti-oxidants--a new role as anti-inflammatory molecule.

The anti-apoptotic activity of albumin for endothelium is mediated by a partially cryptic protein domain and reduced by inhibitors of G-coupled protein and PI-3 kinase, but is independent of radical scavenging or bound lipid.

LC-MS-MS analysis of 2,4-dinitrophenol and its phase I and II metabolites in a case of fatal poisoning.

Use of model-based compartmental analysis to study vitamin A kinetics and metabolism.

Biomarkers for oxidative stress: clinical application in pediatric medicine.

Relative toxicity and occurrence patterns of pesticide mixtures in streams draining agricultural watersheds dominated by corn and soybean production.

Effect of various radical generators on insulin-dependent regulation of hepatic gene expression.

Anesthetic implications of a near-lethal sodium azide exposure.

Laboratory investigation of the toxicity and interaction of pesticide mixtures in *Daphnia magna*.

Control of the autophagy maturation step by the MAPK ERK and p38: lessons from environmental carcinogens.

Influence on mitochondria and cytotoxicity of different antibiotics administered in high concentrations on primary human osteoblasts and cell lines.

Identification of linear heparin-binding peptides derived from human respiratory syncytial virus fusion glycoprotein that inhibit infectivity.

Lack of the aryl hydrocarbon receptor leads to impaired activation of AKT/protein kinase B and enhanced sensitivity to apoptosis induced via the intrinsic pathway.

Introduction of the anti-apoptotic baculovirus p35 gene in passion fruit induces herbicide tolerance, reduced bacterial lesions, but does not inhibit passion fruit woodiness disease progress induced by cowpea aphid-borne mosaic virus (CABMV).

Aconitase plays a role in regulating resistance to oxidative stress and cell death in *Arabidopsis* and *Nicotiana benthamiana*.

Aryl hydrocarbon receptor activation impairs extracellular matrix remodeling during zebra fish fin regeneration.

Lipoic acid as a novel treatment for Alzheimer's disease and related dementias.

In vivo functional analysis of polyglutamic acid domains in recombinant bone sialoprotein.

White adipose tissue: storage and effector site for environmental pollutants.

Herbicide exposure modifies GSTP1 haplotype association to Parkinson onset age: the GenePD Study.

Diquat induces renal proximal tubule injury in glutathione reductase-deficient mice.

Acrolein induces vasodilatation of rodent mesenteric bed via an EDHF-dependent mechanism.

Acute toxicity of the pesticides chlorpyrifos and atrazine to the Chinese mitten-handed crab, *Eriocheir sinensis*.

Adverse effects of herbicide MCPA on dogs in a 90 day toxicological study.

Synergistic effects of copper and butylic ester of 2,4-Dichlorophenoxyacetic acid (Esternon Ultra) on amphibian embryos.

Experience with paraquat poisoning in a respiratory intensive care unit in North India.

Toxicity of a trivalent organic arsenic compound, dimethylarsinous glutathione in a rat liver cell line (TRL 1215).

Aryloxoalcanoic compounds induce resistance to antibiotic therapy in urinary tract infection caused by *Escherichia coli*.

Reduction of p66Shc suppresses oxidative damage in retinal pigmented epithelial cells and retina.

Arsenic resistance in *Pteris vittata* L.: identification of a cytosolic triosephosphate isomerase based on cDNA expression cloning in *Escherichia coli*.

Intrastriatal infusion of the Parkinsonian neurotoxin, MPP(+), induces damage of striatal cell nuclei in Sprague-Dawley rats.

Paraquat exposure as an etiological factor of Parkinson's disease.

Aldehyde load in ischemia-reperfusion brain injury: neuroprotection by neutralization of reactive aldehydes with phenelzine.

[Acetaldehyde syndrome after laboral exposition to hydrogen cyanamide].

A model of hemorrhagic cystitis induced with acrolein in mice.

Characterizing the reproducibility of a protein profiling method for the analysis of mouse bronchoalveolar lavage fluid.

Health status of Army Chemical Corps Vietnam veterans who sprayed defoliant in Vietnam.

Impact of atrazine on chlorpyrifos toxicity in four aquatic vertebrates.

Toxicity assessment of metabolites of fungal biocontrol agents using two different (*Artemia salina* and *Daphnia magna*) invertebrate bioassays.

Toxicity of atrazine to the juvenile hard clam, *Mercenaria mercenaria*.

P-glycoprotein induction: an antidotal pathway for paraquat-induced lung toxicity.

Pentachlorophenol treatment in vivo elevates point mutation rate in zebrafish p53 gene.

Single high dose dexamethasone treatment decreases the pathological score and increases the survival rate of paraquat-intoxicated rats.

Cancer incidence among pesticide applicators exposed to dicamba in the agricultural health study.

Changes in juvenile coho salmon electro-olfactogram during and after short-term exposure to current-use pesticides.

Toxicity of glyphosate as Glypro and LI700 to red-eared slider (*trachemys scripta elegans*) embryos and early hatchlings.

A case of acute sodium chlorate self-poisoning successfully treated without conventional therapy.

Effect of two insecticides and two herbicides on the porcine sperm motility patterns using computer-assisted semen analysis (CASA) in vitro.

Paraquat-induced gene expression in rat kidney.

Green tea extract inhibits paraquat-induced pulmonary fibrosis by suppression of oxidative stress and endothelin-I expression.

Superoxide dismutase 1 protects retinal cells from oxidative damage.

Effects of clomazone herbicide on hematological and some parameters of protein and carbohydrate metabolism of silver catfish *Rhamdia quelen*.

Recombinogenic activity of 10 chemical compounds in male germ cells of *Drosophila melanogaster*.

Decreased susceptibility to oxidative stress underlies the resistance of specific dopaminergic cell populations to paraquat-induced degeneration.

Adverse hepatic reactions associated with calcium carbimide and disulfiram therapy: is there still a role for these drugs?

Combined effects of a herbicide (atrazine) and predation on the life history of a pond snail, *Physa gyrina*.

Temporal effects of paraquat/maneb on microglial activation and dopamine neuronal loss in older rats.

Cancer incidence among pesticide applicators exposed to cyanazine in the agricultural health study.

Effects of antioxidant vitamins on molecular regulators involved in lung hypoplasia induced by nitrofen.

Cancer and occupational exposure to pentachlorophenol and tetrachlorophenol (Canada).

Histological changes and micronucleus induction in the zebra mussel *Dreissena polymorpha* after paraquat exposure.

A case-control study of myelodysplastic syndromes in Belgrade (Serbia Montenegro).

Low concentrations of paraquat induces early activation of extracellular signal-regulated kinase 1/2, protein kinase B, and c-Jun N-terminal kinase 1/2 pathways: role of c-Jun N-terminal kinase in paraquat-induced cell death.

NTP Technical Report on the comparative toxicity studies of allyl acetate (CAS No. 591-87-7), allyl alcohol (CAS No. 107-18-6) and acrolein (CAS No. 107-02-8) administered by gavage to F344/N rats and B6C3F1 mice.

Sequential radiologic and functional pulmonary changes in patients with paraquat intoxication.

Acute paraquat poisoning: report of a survival case following intake of a potential lethal dose.

Propanil exposure induces delayed but sustained abrogation of cell-mediated immunity through direct interference with cytotoxic T-lymphocyte effectors.

Teratological study of the herbicide 4-chloro-2-methylphenoxyacetic acid in rabbits.

Parenteral glyphosate-surfactant herbicide intoxication.

Effects of triazine herbicides on organophosphate insecticide toxicity in *Hyalella azteca*.

Immunomodulatory effects of maternal atrazine exposure on male Balb/c mice.

Indomethacin induces small intestinal damage and inhibits amitrole-associated thyroid carcinogenesis in rats initiated with N-bis(2-hydroxypropyl)nitrosamine.

Protective effects of N-acetylcysteine treatment post acute paraquat intoxication in rats and in human lung epithelial cells.

[Influence of ambroxol on paraquat-induced lung tissue injury and change of pulmonary surfactant-associated protein A in the experimental rats].

[Propofol protecting rats from paraquat induced lung injury].

[Effect of baicalin on expression of heme oxygenase-1 in lung injury of rats associated with paraquat poisoning].

Acrolein is a mitochondrial toxin: effects on respiratory function and enzyme activities in isolated rat liver mitochondria.

Histopathological effects induced by paraquat during *Xenopus laevis* primary myogenesis.

Respiratory distress, pneumonic changes on chest X-ray, hypoxaemia, oral candidiasis in a homosexual male: not always *Pneumocystis carinii* pneumonia.

Dimethylarsinic acid: results of chronic toxicity/oncogenicity studies in F344 rats and in B6C3F1 mice.

Contamination of Caribbean coastal waters by the antifouling herbicide Irgarol 1051.

Effects of herbicide chlorimuron-ethyl on physiological mechanisms in wheat (*Triticum aestivum*).

Econazole attenuates cytotoxicity of 1-methyl-4-phenylpyridinium by suppressing mitochondrial membrane permeability transition.

Effects of pentachlorophenol on the reproduction of Japanese medaka (*Oryzias latipes*).

Paternal occupational exposure to pesticides or herbicides as risk factors for cancer in children and young adults: a case-control study from the North of England.

[Advance of study on pathological mechanism of paraquat poisoning].

Toxicity assessment of pesticides to *Pseudokirchneriella subcapitata* under air-tight test environment.

Dead *Daphnia* flag mystery water contaminants.

Status of antioxidant defense system and expression of toxicant responsive genes in striatum of maneb- and paraquat-induced Parkinson's disease phenotype in mouse: mechanism of neurodegeneration.

Pesticide assessment: Protecting public health on the home turf.

Characterization of atrazine-induced gonadal malformations in African clawed frogs (*Xenopus laevis*) and comparisons with effects of an androgen antagonist (cyproterone acetate) and exogenous estrogen (17beta-estradiol): Support for the demasculinization/feminization hypothesis.

Story short on science.

Body residues as dose for sublethal responses in alevins of landlocked salmon (*Salmo salar* m. sebago): a direct calorimetry study.

Analysis of reproductive toxicity and classification of glufosinate-ammonium.

Characterizing the ovotoxicity of cyclophosphamide metabolites on cultured mouse ovaries.

TRPA1 mediates the inflammatory actions of environmental irritants and proalgesic agents.

Strategies to assess systemic exposure of chemicals in subchronic/chronic diet and drinking water studies.

Improved anti-oxidant activity of superoxide dismutase by direct chemical modification.

Atrazine concentrations, gonadal gross morphology and histology in ranid frogs collected in Michigan agricultural areas.

Neuregulin 1-Beta cytoprotective role in AML 12 mouse hepatocytes exposed to pentachlorophenol.

The potentiating effects of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) on paraquat-induced neurochemical and behavioral changes in mice.

Hodgkin lymphoma, multiple myeloma, soft tissue sarcomas, insect repellents, and phenoxyherbicides.

Distinct gene expression profiles in immortalized human urothelial cells exposed to inorganic arsenite and its methylated trivalent metabolites.

Increased resistance to free radical damage induced by low-level sound conditioning.

Effects of self-fertilization, environmental stress and exposure to xenobiotics on fitness-related traits of the freshwater snail *Lymnaea stagnalis*.

Toxicity assessment of 40 herbicides to the green alga *Raphidocelis subcapitata*.

A comparative study of rac- and S-metolachlor toxicity to *Daphnia magna*.

Hydralazine inhibits rapid acrolein-induced protein oligomerization: role of aldehyde scavenging and adduct trapping in cross-link blocking and cytoprotection.

A crucial role of Nrf2 in in vivo defense against oxidative damage by an environmental pollutant, pentachlorophenol.

Toxicity and bioavailability of atrazine and molinate to the freshwater fish (*Melanotenia fluviatilis*) under laboratory and simulated field conditions.

Retinal degeneration from oxidative damage.

A presumption of illness.

Mortality from ischemic heart disease and diabetes mellitus (type 2) in four U.S. wheat-producing states: a hypothesis-generating study.

A comparative study of the sub-chronic toxic effects of three organic arsenical compounds on the urothelium in F344 rats; gender-based differences in response.

Possibilities of chemical weed control in *Lupinus albus* and *Lupinus luteus*-screening of herbicides.

Differential response of chickpea genotypes to isoxaflutole.

Toxic effects of acetochlor and methamidophos on earthworm *Eisenia fetida* in phaeozem, northeast China.

Non-Hodgkin lymphoma and pesticide exposure: 25 years of research.

Antioxidant activity of L-ascorbic acid in wild-type and superoxide dismutase deficient strains of *Saccharomyces cerevisiae*.

[Sick building syndrome due to exposure to pentachlorophenol in the office: a case report].

Can early hemodialysis affect the outcome of the ingestion of glyphosate herbicide?

Neural repair strategies for Parkinson's disease: insights from primate models.

Progressive dopamine neuron loss in Parkinson's disease: the multiple hit hypothesis.

[Fatal poisoning caused by the ingestion of a concentrated solution of 2,4-D and MCPP].

Further evidence of the usefulness of Acute Physiology and Chronic Health Evaluation II scoring system in acute paraquat poisoning.

Effects of atrazine and iridovirus infection on survival and life-history traits of the long-toed salamander (*Ambystoma macrodactylum*).

Peroxiredoxin 6 gene-targeted mice show increased lung injury with paraquat-induced oxidative stress.

Exposure, postexposure, and density-mediated effects of atrazine on amphibians: breaking down net effects into their parts.

Organ-specific expression of glutathione S-transferases and the efficacy of herbicide safeners in *Arabidopsis*.

Comparing ecological risks of pesticides: the utility of a Risk Quotient ranking approach across refinements of exposure.

Growth rate effects, responses of antioxidant enzymes and metabolic fate of the herbicide Propanil in the aquatic plant *Lemna minor*.

Neuroglobin and cytoglobin overexpression protects human SH-SY5Y neuroblastoma cells against oxidative stress-induced cell death.

Atrazine increases ranavirus susceptibility in the tiger salamander, *Ambystoma tigrinum*.

Polyamines in renal failure.

PEP-1-SOD fusion protein efficiently protects against paraquat-induced dopaminergic neuron damage in a Parkinson disease mouse model.

Effect of plasma homocysteine level and urinary monomethylarsonic acid on the risk of arsenic-associated carotid atherosclerosis.

Degeneration of dopaminergic mesocortical neurons and activation of compensatory processes induced by a long-term paraquat administration in rats: implications for Parkinson's disease.

Superoxide dismutase B gene (sodB)-deficient mutants of *Francisella tularensis* demonstrate hypersensitivity to oxidative stress and attenuated virulence.

Nonpersistent pesticide exposure self-report versus biomonitoring in farm pesticide applicators.

Analgesia mediated by the TRPM8 cold receptor in chronic neuropathic pain.

Mutational analysis of DJ-1 in *Drosophila* implicates functional inactivation by oxidative damage and aging.

Increased levels of 4-hydroxynonenal and acrolein, neurotoxic markers of lipid peroxidation, in the brain in Mild Cognitive Impairment and early Alzheimer's disease.

Acute oxidative stress is associated with cell proliferation in the mouse liver.

[Physiological functions of polyamines and regulation of polyamine content in cells].

Oxidative stress in head trauma in aging.

Improvement of pulmonary hypoplasia associated with congenital diaphragmatic hernia by in utero CFTR gene therapy.

Curcumin protects PC12 cells against 1-methyl-4-phenylpyridinium ion-induced apoptosis by bcl-2-mitochondria-ROS-iNOS pathway.

Transduced Tat-alpha-synuclein protects against oxidative stress in vitro and in vivo.

[Effect of hypericum perforatum on preventing acute injury of rat pulmonary microvascular endothelial cells induced by paraquat].

[Therapeutic effect of somatostatin on acute respiratory distress syndrome in experimental rats].

Crotonaldehyde accumulates in glial cells of Alzheimer's disease brain.

Strategies for reducing the risk of Lyme borreliosis in North America.

Lisinopril ameliorates paraquat-induced lung fibrosis.

Neuromelanin induces oxidative stress in mitochondria through release of iron: mechanism behind the inhibition of 26S proteasome.

6-Hydroxydopamine but not 1-methyl-4-phenylpyridinium abolishes alpha-synuclein anti-apoptotic phenotype by inhibiting its proteasomal degradation and by promoting its aggregation.

Treatment of experimental chronic chagas disease with trifluralin.

Effects of arsenic exposure among semiconductor workers: a cautionary note on urinary 8-oxo-7,8-dihydro-2'-deoxyguanosine.

H₂O₂ injury in beta thalassemic erythrocytes: protective role of catalase and the prooxidant effects of GSH.

Gene expression of cytokines and growth factors in the lungs after paraquat administration in mice.

Arabidopsis ACCELERATED CELL DEATH2 modulates programmed cell death.

An oral adsorbent, AST-120, suppresses oxidative stress in uremic rats.

Effects of alpha tocopherol and probucol supplements on allergen-induced airway inflammation and hyperresponsiveness in a mouse model of allergic asthma.

Endogenous plastic composite material in the Alzheimer's brain.

Follow-up of 180 alcoholic patients for up to 7 years after outpatient treatment: impact of alcohol deterrents on outcome.

Differential regulation of c-jun and CREB by acrolein and 4-hydroxynonenal.

Inhibition of spontaneous mutagenesis by vanillin and cinnamaldehyde in *Escherichia coli*: Dependence on recombinational repair.

Acute administration of 3-nitropropionic acid, a reactive oxygen species generator, boosts ethanol-induced locomotor stimulation. New support for the role of brain catalase in the behavioural effects of ethanol.

Ethanol-induced apoptosis in polarized hepatic cells possibly through regulation of the Fas pathway.

Evaluation of a urinary multi-parameter biomarker set for oxidative stress in children, adolescents and young adults.

Nano- and microparticles as adjuvants in vaccine design: success and failure is related to host natural antibodies.

LC/MS/MS analysis of quaternary ammonium drugs and herbicides in whole blood.

Death of stomatal guard cells in leaf epidermis under disturbance of energy provision.

Phototaxis and impaired motility in adenyl cyclase and cyclase receptor protein mutants of *Synechocystis* sp. strain PCC 6803.

Expression of CP4 EPSPS in microspores and tapetum cells of cotton (*Gossypium hirsutum*) is critical for male reproductive development in response to late-stage glyphosate applications.

Enhancement of tyrosine hydroxylase expression and activity by *Trypanosoma cruzi* parasite-derived neurotrophic factor.

Acrolein-mediated mechanisms of neuronal death.

Hydralazine rescues PC12 cells from acrolein-mediated death.

Antioxidant enzyme inhibitors enhance nitric oxide-induced cell death in U937 cells.

Paraquat-induced lipid peroxidation: effects of ovariectomy and estrogen receptor antagonist.

Toxin release in response to oxidative stress and programmed cell death in the cyanobacterium *Microcystis aeruginosa*.

Rosiglitazone relieves acute ethanol-induced hangover in Sprague-Dawley rats.

Inactivation of the extrinsic subunit of photosystem II, PsbU, in *Synechococcus* PCC 7942 results in elevated resistance to oxidative stress.

Ceramide is a mediator of apoptosis in retina photoreceptors.

The effects of exogenous antioxidants on lifespan and oxidative stress resistance in *Drosophila melanogaster*.

Involvement of endonuclease G in nucleosomal DNA fragmentation under sustained endogenous oxidative stress.

Metabolic profile in workers occupationally exposed to arsenic: role of GST polymorphisms.

Novel electrochemical approach to enhanced toxicity of 4-oxo-2-nonenal vs. 4-hydroxy-2-nonenal (role of imine): oxidative stress and therapeutic modalities.

Gene expression in rat lungs during early response to paraquat-induced oxidative stress.

Chloroacetaldehyde- and acrolein-induced death of human proximal tubule cells.

Plasma organochlorine concentrations and bone ultrasound measurements: a cross-sectional study in peri- and postmenopausal Inuit women from Greenland.

Serum dioxin-like compounds and aromatase (CYP19) expression in endometriotic tissues.

Developmental toxicity of 4-ring polycyclic aromatic hydrocarbons in zebrafish is differentially dependent on AH receptor isoforms and hepatic cytochrome P4501A metabolism.

Cardiovascular responses produced by central injection of hydrogen peroxide in conscious rats.

Sodium arsenite accelerates TRAIL-mediated apoptosis in melanoma cells through upregulation of TRAIL-R1/R2 surface levels and downregulation of cFLIP expression.

Effects of chemical ischemia on cerebral cortex slices: focus on mitogen-activated protein kinase cascade.

Mothball withdrawal encephalopathy: case report and review of paradichlorobenzene neurotoxicity.

[Disulfiram-induced delirium: a case report].

Oral mucosal ulceration due to ferrous sulphate tablets: report of a case.

Anthropometric and metabolic factors and risk of benign prostatic hyperplasia: a prospective cohort study of Air Force veterans.

[Peripheral neuropathy induced by acute methyl bromide skin exposure: a case report].

Pharmacologic and functional characterization of malignant hyperthermia in the R163C RyR1 knock-in mouse.

Impaired intestinal iron absorption in Crohn's disease correlates with disease activity and markers of inflammation.

Acute activation of glucose uptake by glucose deprivation in L929 fibroblast cells.

Sigma-1 receptor activation prevents intracellular calcium dysregulation in cortical neurons during in vitro ischemia.

Gestational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure effects on sensory cortex function.

MicroRNA responses to cellular stress.

Mitochondrial reactive oxygen species and nitric oxide-mediated cancer cell apoptosis in 2-butylamino-2-demethoxyhypocrellin B photodynamic treatment.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,3',4,4',5-pentachlorobiphenyl (PCB 118) (Cas No. 31508-00-6) in female Harlan Sprague-Dawley rats (gavage studies).

[Current progress in animal models of arsenic carcinogenesis].

[Effect and significance of tetrandrine on epidermal growth factor and its receptor in the lung of congenital diaphragmatic hernia rat model].

Impact of weekly treatment with ferrous sulfate on hemoglobin level, morbidity and nutritional status of anemic infants.

Thiazopyr and thyroid disruption: case study within the context of the 2006 IPCS Human Relevance Framework for analysis of a cancer mode of action.

Serum dioxin, testosterone, and subsequent risk of benign prostatic hyperplasia: a prospective cohort study of Air Force veterans.

Folate and arsenic metabolism: a double-blind, placebo-controlled folic acid-supplementation trial in Bangladesh.

Covariation of psychological attributes and incident coronary heart disease in U.S. Air Force veterans of the Vietnam war.

Teratogen-induced, dietary and genetic models of congenital diaphragmatic hernia share a common mechanism of pathogenesis.

Aryl hydrocarbon receptor activation impairs the priming but not the recall of influenza virus-specific CD8+ T cells in the lung.

Antioxidant enzyme inhibitors enhance singlet oxygen-induced cell death in HL-60 cells.

Endocrine disrupters--potential modulators of the immune system and allergic response.

Correlated resistance to glucose deprivation and cytotoxic agents in fibroblast cell lines from long-lived pituitary dwarf mice.

Blocking expression of AHR2 and ARNT1 in zebrafish larvae protects against cardiac toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Airway smooth muscle dysfunction precedes teratogenic congenital diaphragmatic hernia and may contribute to hypoplastic lung morphogenesis.

Clusterin up-regulation following sub-lethal oxidative stress and lipid peroxidation in human neuroblastoma cells.

Effects of iron deficiency versus iron deficiency anemia on brainstem auditory evoked potentials in infancy.

Coexistence of megaloblastic anemia and iron deficiency anemia in a young woman with chronic lymphocytic thyroiditis.

Carcinogenicity of "non-dioxinlike" polychlorinated biphenyls.

Agricultural pesticide use and hypospadias in eastern Arkansas.

Hypolipidaemic and antiplatelet activity of phenoxyacetic acid derivatives related to alpha-asarone.

Ascorbyl palmitate enhances iron bioavailability in iron-fortified bread.

Risk assessments of polychlorinated dibenzo- p-dioxins, polychlorinated dibenzofurans, and dioxin-like polychlorinated biphenyls in food.

Interferon-gamma plays protective roles in sodium arsenite-induced renal injury by up-regulating intrarenal multidrug resistance-associated protein 1 expression.

Today's epidemics in children: possible relations to environmental pollution and suggested preventive measures.

Protection against lethal challenge with *Streptococcus pneumoniae* is conferred by aryl hydrocarbon receptor activation but is not associated with an enhanced inflammatory response.

Comparison of chronic toxicity and carcinogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in 2-year bioassays in female Sprague-Dawley rats.

The uremic solute p-cresol decreases leukocyte transendothelial migration in vitro.

Aqueous extract of *Trigonella foenum-graecum* L. ameliorates additive urotoxicity of buthionine sulfoximine and cyclophosphamide in mice.

Exposure to non-arsenic pesticides is associated with lymphoma among farmers in Spain.

Peristalsis of airway smooth muscle is developmentally regulated and uncoupled from hypoplastic lung growth.

Pathological circumstances impair the ability of "dark" neurons to undergo spontaneous recovery.

Antimutagenic activity of methanolic extract of *Ganoderma lucidum* and its effect on hepatic damage caused by benzo[a]pyrene.

Clozapine bioactivation induces dose-dependent, drug-specific toxicity of human bone marrow stromal cells: a potential in vitro system for the study of agranulocytosis.

Oxidative stress by ascorbate/menadione association kills K562 human chronic myelogenous leukaemia cells and inhibits its tumour growth in nude mice.

Over-expression of AhR (aryl hydrocarbon receptor) induces neural differentiation of Neuro2a cells: neurotoxicology study.

Effectiveness of intermittent iron treatment of two- to six-year-old Jordanian children with iron-deficiency anemia.

[Effects of ferrous sulfate supplementation on bone marrow hemopoiesis in rats].

Low-dose risk, hormesis, analogical and logical thinking.

Geographic model and biomarker-derived measures of pesticide exposure and Parkinson's disease.

The therapeutic effect of tissue cultured root of wild Panax ginseng C.A. Mayer on spermatogenic disorder.

Myocardium expression of connexin 43, SERCA2a, and myosin heavy chain isoforms are preserved in nitrofen-induced congenital diaphragmatic hernia rat model.

Ground-glass, polyglucosan-like hepatocellular inclusions: A "new" diagnostic entity.

Association of 24-hour activity levels with the clinical severity of chronic venous disease.

Iron deficiency, but not anemia, upregulates iron absorption in breast-fed peruvian infants.

Anti-irritants II: Efficacy against cumulative irritation.

Anti-irritants I: Dose-response in acute irritation.

Dioxin-induced chloracne--reconstructing the cellular and molecular mechanisms of a classic environmental disease.

Potentiating effect of the ATP-sensitive potassium channel blocker glibenclamide on complex I inhibitor neurotoxicity in vitro and in vivo.

Connexin 43 gene expression in mice with cardiopulmonary developmental defects.

Low-energy helium-neon laser induces locomotion of the immature melanoblasts and promotes melanogenesis of the more differentiated melanoblasts: recapitulation of vitiligo repigmentation in vitro.

Agricultural pesticide use and risk of t(14;18)-defined subtypes of non-Hodgkin lymphoma.

[Experimental study on toxicity and changes of biochemical indicator in acute bromoxynil poisoning].

Down-regulation of wt1 expression in leukemia cell lines as part of apoptotic effect in arsenic treatment using two compounds.

Cutaneous poisoning syndromes in children: a review.

Decreased nitric oxide production in the rat brain after chronic arsenic exposure.

Iron contributes to dopamine-induced toxicity in oligodendrocyte progenitors.

Superior dialytic clearance of beta(2)-microglobulin and p-cresol by high-flux hemodialysis as compared to peritoneal dialysis.

On-capillary derivatization and analysis of amino acids in human plasma by capillary electrophoresis with laser-induced fluorescence detection: application to diagnosis of aminoacidopathies.

Stress resistance and aging: influence of genes and nutrition.

Mechanisms of 2-butoxyethanol-induced hemangiosarcomas.

The constitutively active Ah receptor (CA-Ahr) mouse as a potential model for dioxin exposure--effects in vital organs.

Cell death, caspase activation, and HMGB1 release of porcine choroid plexus epithelial cells during *Streptococcus suis* infection in vitro.

Failure to thrive while breastfeeding.

Demographic factors determining compliance to iron supplementation in pregnancy in Oyo State, Nigeria.

Angiotensin-converting enzyme inhibitors slow recovery from anemia following cardiac surgery.

Clinical inquiries. What is appropriate management of iron deficiency for young children?

Iatrogenic full-thickness chemical burns from monochloroacetic acid.

Inhibition of HER-2(neu/ErbB2) restores normal function and structure to polycystic kidney disease (PKD) epithelia.

Unique secondary chromosomal abnormalities are frequently found in the chronic phase of chronic myeloid leukemia in southern Vietnam.

Maternal hair--an appropriate matrix for detecting maternal exposure to pesticides during pregnancy.

Pesticides associated with wheeze among commercial pesticide applicators in the Agricultural Health Study.

Impairment of lower jaw growth in developing zebrafish exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin and reduced hedgehog expression.

Overexpression of survivin in primary ATL cells and sodium arsenite induces apoptosis by down-regulating survivin expression in ATL cell lines.

Lung morphology after late fetal tracheal ligation in rats.

Lethal acute lung injury and hypoglycemia after subcutaneous administration of monochloroacetic acid.

[Development of invasive urinary bladder carcinomas].

The aryl hydrocarbon receptor pathway and sexual differentiation of neuroendocrine functions.

Proinflammatory changes in human umbilical cord vein endothelial cells can be induced neither by native nor by modified CRP.

The effect of perinatal TCDD exposure on caries susceptibility in rats.

Aryl hydrocarbon receptor-independent activation of estrogen receptor-dependent transcription by 3-methylcholanthrene.

Perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin suppresses contextual fear conditioning-accompanied activation of cyclic AMP response element-binding protein in the hippocampal CA1 region of male rats.

Safe use of hazardous chemicals.

[Environmental pollution from dioxins and soft tissue sarcomas in the population of Venice and Mestre: an example of the use of current electronic information sources].

[Effect of prepared *Polygonum multiflorum* on striatum extracellular acetylcholine and choline in rats of intracerebral perfusion with sodium azide].

NTP technical report on the toxicology and carcinogenesis studies of 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (Gavage studies).

Clinical pharmacokinetic study of arsenic trioxide in an acute promyelocytic leukemia (APL) patient: speciation of arsenic metabolites in serum and urine.

The binding of 2,4-dinitrophenol to wild-type and amyloidogenic transthyretin.

Acute hypoxia-ischemia results in hydrogen peroxide accumulation in neonatal but not adult mouse brain.

Regulation of the mitogen-activated protein kinase p44 ERK activity during anoxia/recovery in rainbow trout hypodermal fibroblasts.

Diffuse lesion in the splenium of the corpus callosum in patients with methyl bromide poisoning.

Review and meta-analysis of risk estimates for prostate cancer in pesticide manufacturing workers.

Evaluation of subchronic inhalation toxicity of dimethyl disulfide in rats.

Differential expression profiling of the hepatic proteome in a rat model of dioxin resistance: correlation with genomic and transcriptomic analyses.

Dual treatment with COX-2 inhibitor and sodium arsenite leads to induction of surface Fas Ligand expression and Fas-Ligand-mediated apoptosis in human melanoma cells.

Chronic exposure to methylated arsenicals stimulates arsenic excretion pathways and induces arsenic tolerance in rat liver cells.

Synchrotron microradiography study on acute lung injury of mouse caused by PM(2.5) aerosols.

The dioxin receptor is silenced by promoter hypermethylation in human acute lymphoblastic leukemia through inhibition of Sp1 binding.

Oxidation of myosin heavy chain and reduction in force production in hyperthyroid rat soleus.

Increased levels of polychlorobiphenyls in Italian women with endometriosis.

Differential susceptibilities of Holtzman and Sprague-Dawley rats to fetal death and placental dysfunction induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) despite the identical primary structure of the aryl hydrocarbon receptor.

Overview of exposure, toxicity, and risks to children from current levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds in the USA.

Microtubules are more stable and more highly acetylated in ethanol-treated hepatic cells.

Motor stimulant effects of ethanol injected into the substantia nigra pars reticulata: importance of catalase-mediated metabolism and the role of acetaldehyde.

Oxidative damage of DJ-1 is linked to sporadic Parkinson and Alzheimer diseases.

Functional properties of ryanodine receptors carrying three amino acid substitutions identified in patients affected by multi-minicore disease and central core disease, expressed in immortalized lymphocytes.

Effects of herbimycin A in the pilocarpine model of temporal lobe epilepsy.

Loss of glial lazarlillo, a homolog of apolipoprotein D, reduces lifespan and stress resistance in *Drosophila*.

Adverse health effects in humans exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

[Thyroid C cells are decreased in experimental CDH].

NTP technical report on the toxicology and carcinogenesis studies of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (CAS No. 1746-01-6) in female Harlan Sprague-Dawley rats (Gavage Studies).

Two deaths attributed to the use of 2,4-dinitrophenol.

Novel neuroprotective, neuritogenic and anti-amyloidogenic properties of 2,4-dinitrophenol: the gentle face of Janus.

Clinical and experimental applications of NIR-LED photobiomodulation.

[Advance of research on skin injury after exposure to 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin].

The effects of biocides (antiseptics and disinfectants) on the endospores of *Rhinosporidium seeberi*.

Patterns of hospital transfer for self-poisoned patients in rural Sri Lanka: implications for estimating the incidence of self-poisoning in the developing world.

The MAPKKK Mekk1 regulates the expression of Turandot stress genes in response to septic injury in *Drosophila*.

NADPH oxidase in the renal medulla causes oxidative stress and contributes to salt-sensitive hypertension in Dahl S rats.

Therapeutic value of melatonin in an experimental model of liver injury and regeneration.

Characterization of transferrin receptor-dependent GaC-Tf-FeN transport in human leukemic HL60 cells.

Boron ameliorates fulminant hepatic failure by counteracting the changes associated with the oxidative stress.

Depletion of cardiolipin and cytochrome c during ischemia increases hydrogen peroxide production from the electron transport chain.

Three occupationally exposed cases of severe methyl bromide poisoning: accident caused by a gas leak during the fumigation of a folklore museum.

Occupational exposure and effects on the male reproductive system.

Kidney failure and the gut: p-cresol and the dangers from within.

Endocrine disrupters and female reproductive health.

Dietary intake of differently fed salmon: a preliminary study on contaminants.

Synergism in immunotoxicological effects due to repeated combined administration of arsenic and lead in mice.

Free serum concentrations of the protein-bound retention solute p-cresol predict mortality in hemodialysis patients.

Elevation of circulating endothelial microparticles in patients with chronic renal failure.

The teratogenic sensitivity to 2,3,7,8-tetrachlorodibenzo-p-dioxin is modified by a locus on mouse chromosome 3.

Depletion of securin increases arsenite-induced chromosome instability and apoptosis via a p53-independent pathway.

System level metabolic effects of a *Schistosoma japonicum* infection in the Syrian hamster.

Transactivation of fetal liver kinase-1/kinase-insert domain-containing receptor by lysophosphatidylcholine induces vascular endothelial cell proliferation.

Blockade of intracellular calcium release induces an antidepressant-like effect in the mouse forced swimming test.

Congenital diaphragmatic hernia prevents absorption of distal air space fluid in late-gestation rat fetuses.

Occupational exposure to toluene and its possible causative role in renal damage development in shoe workers.

TCDD as a biological response modifier for Mitomycin C: oxygen tension affects enzyme activation, reactive oxygen species and cell death.

Lymphoid leukaemia in a saker falcon.

Age-dependent cell death and the role of ATP in hydrogen peroxide-induced apoptosis and necrosis.

[Clinical analysis for acute cyanogen chloride inhalation poisoning].

Cooking and Fe fortification have different effects on Fe bioavailability of bread and tortillas.

Semen quality in fertile US men in relation to geographical area and pesticide exposure.

The effects of prophylactic iron given in prenatal supplements on iron status and birth outcomes: a randomized controlled trial.

Pesticides and Parkinson's disease--is there a link?

Iron bioavailability from fortified petit suisse cheese determined by the prophylactic-preventive method.

An application of a two-level non-Gaussian state-space model in the analysis of longitudinal papilloma count data.

Neuroprotective effects of stearic acid against toxicity of oxygen/glucose deprivation or glutamate on rat cortical or hippocampal slices.

Genetic differences in lethality of newborn mice treated in utero with coplanar versus non-coplanar hexabromobiphenyl.

Fetal pituitary gonadotropin as an initial target of dioxin in its impairment of cholesterol transportation and steroidogenesis in rats.

Arsenic induced apoptosis in rat liver following repeated 60 days exposure.

Diabetogenic effects and pancreatic oxidative damage in rats subchronically exposed to arsenite.

[Tardyferon in obstetric and gynecological practice].

Possible discovery of Chinese lung fluke, *Paragonimus skrjabini* in Manipur, India.

Assessing neuroprotection in Parkinson's disease: from the animal models to molecular neuroimaging in vivo.

Health risks by bromomethane and other toxic gases in import cargo ship containers.

Parkinson's disease and pesticide exposures.

NF-kappaB-associated MnSOD induction protects against beta-amyloid-induced neuronal apoptosis.

Chloroacetaldehyde as a sulfhydryl reagent: the role of critical thiol groups in ifosfamide nephropathy.

A randomized controlled trial of oral versus intravenous iron in chronic kidney disease.

Germ-line mutations at a mouse ESTR (Pc-3) locus and human microsatellite loci.

Possible beneficial effects of melatonin supplementation on arsenic-induced oxidative stress in Wistar rats.

Terminology of gonadal anomalies in fish and amphibians resulting from chemical exposures.

Divergent risk of multiple sclerosis in two anabaptist communities in America.

Comment on "Pediatric fatality following ingestion of Dinitrophenol: postmortem identification of a 'dietary supplement'".

[The influence of polyunsaturated fat acids on the development of artificially caused exudative skin necrosis in rats].

Polychlorinated biphenyls (PCBs): routes of exposure and effects on human health.

Molecular mechanisms of 2,3,7,8-tetrachlorodibenzo-p-dioxin cardiovascular embryotoxicity.

[The multifaceted effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in organisms, especially dentition changes].

NTP toxicology and carcinogenesis studies of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (CAS No. 57465-28-8) in female Harlan Sprague-Dawley rats (Gavage Studies).

Occupational determinants of cryptogenic polyneuropathy.

[Free radical processes in patients with iron deficiency anemia treated with iron medication].

CXCL12 is displayed by rheumatoid endothelial cells through its basic amino-terminal motif on heparan sulfate proteoglycans.

[Exposure to endocrine disrupting chemicals and children's health: problems in epidemiological studies].

On the discovery and development of CFTR chloride channel activators.

Arsenic-induced cell death in liver and brain of experimental rats.

Treatment for simple plantar verrucae: monochloroacetic acid and 10% formaldehyde versus 10% formaldehyde alone.

A cluster of hypoplastic left heart malformation in Baltimore, Maryland.

Hemodialysis reduces inhibitory effect of plasma ultrafiltrate on LDL oxidation and subsequent endothelial reactions.

Understanding dioxin developmental toxicity using the zebrafish model.

Analytical studies on the prediction of photosensitive/phototoxic potential of pharmaceutical substances.

Sex and congenital diaphragmatic hernia.

Expression of Connexin 43 in the hearts of rat embryos exposed to nitrofen and effects of vitamin A on it.

Retinoic acid rescues lung hypoplasia in nitrofen-induced hypoplastic foetal rat lung explants.

Potential of apoptosis by heat stress plus pesticide exposure in stress resistant human B-lymphoma cells and its attenuation through interaction with follicular dendritic cells: role for c-Jun N-terminal kinase signaling.

Beta-amyloid and oxidative stress jointly induce neuronal death, amyloid deposits, gliosis, and memory impairment in the rat brain.

Increased manganese uptake by primary astrocyte cultures with altered iron status is mediated primarily by divalent metal transporter.

Detection of equine herpesvirus type 1 using a real-time polymerase chain reaction.

TCDD decreases ATP levels and increases reactive oxygen production through changes in mitochondrial F(0)F(1)-ATP synthase and ubiquinone.

Association between the levels of biogenic amines and superoxide anion production in brain regions of rats after subchronic exposure to TCDD.

Toxicity of six pesticides to common frog (*Rana temporaria*) tadpoles.

A study of soluble HLA-G1 protecting porcine endothelial cells against human natural killer cell-mediated cytotoxicity.

Dihydroxy-, hydroxyspirolactone-, and dihydroxyspirolactone-urochlorins induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the liver of mice.

Immunotoxic effects of chemicals: A matrix for occupational and environmental epidemiological studies.

Molecular analysis, cytogenetics and fertility of introgression lines from transgenic wheat to *Aegilops cylindrica* host.

Hepatic gene downregulation following acute and subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Synaptic cysteine sulfhydryl groups as targets of electrophilic neurotoxicants.

ATM/ATR-related checkpoint signals mediate arsenite-induced G2/M arrest in primary aortic endothelial cells.

Role of the medial prefrontal cortex in cardiovascular responses to acute restraint in rats.

Liver glycogen bodies: ground-glass hepatocytes in transplanted patients.

IL-6 is constitutively expressed during lung morphogenesis and enhances fetal lung explant branching.

2,3,7,8-tetrachlorodibenzo-p-dioxin specifically reduces mRNA for the mineralization-related dentin sialophosphoprotein in cultured mouse embryonic molar teeth.

Metabolism of dopamine by the nasal mucosa.

Fluorophore-assisted light inactivation produces both targeted and collateral effects on N-type calcium channel modulation in rat sympathetic neurons.

Impaired volume regulation is the mechanism of excitotoxic sensitization to complement.

Effects of possible endocrine disrupting chemicals on bacterial component-induced activation of NF-kappaB.

Mitogen-activated protein kinases inhibit the ROMK (Kir 1.1)-like small conductance K channels in the cortical collecting duct.

Sublethal effects of three pesticides on larval survivorship, growth, and macromolecule production in the aquatic midge, *Chironomus tentans* (diptera: chironomidae).

Developmental and hormonal regulation of direct shoot organogenesis and somatic embryogenesis in sugarcane (*Saccharum* spp. interspecific hybrids) leaf culture.

Epidermal growth factor synergistically enhances interleukin-8 production in human gingival fibroblasts stimulated with interleukin-1beta.

Evaluation of the sensitivity of three sublethal cytotoxicity assays in human HepG2 cell line using water contaminants.

Toxicology and carcinogenesis studies of a mixture of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (Cas No. 1746-01-6), 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4), and 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) in female Harlan Sprague-Dawley rats (gavage studies).

Toxicology and carcinogenesis studies of 2,3,4,7,8-pentachlorodibenzofuran (PeCDF) (Cas No. 57117-31-4) in female Harlan Sprague-Dawley rats (gavage studies).

Gene expression alterations in immune system pathways following exposure to immunosuppressive chemicals.

Results of a long-term carcinogenicity bioassay on Sprague-Dawley rats exposed to sodium arsenite administered in drinking water.

Effects of pesticides on soil invertebrates in model ecosystem and field studies: a review and comparison with laboratory toxicity data.

Replacement surgery with unnatural amino acids in the lock-and-key joint of glutathione transferase subunits.

Biochemical activity of reactive oxygen species scavengers do not predict retinal ganglion cell survival.

Enzymatic mechanisms of ethanol oxidation in the brain.

Effect of protective filters on fire fighter respiratory health during simulated bushfire smoke exposure.

Cigarette smoke toxicants alter growth and survival of cultured mammalian cells.

Regulation of the CYP1A1 gene by 2,3,7,8-tetrachlorodibenzo-p-dioxin but not by beta-naphthoflavone or 3-methylcholanthrene is altered in hepatitis C virus replicon-expressing cells.

Effects of individual and combined exposure to sodium arsenite and sodium fluoride on tissue oxidative stress, arsenic and fluoride levels in male mice.

Toxicology and carcinogenesis studies of a binary mixture of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) (Cas No. 57465-28-8) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153) (CAS No. 35065-27-1) in female Harlan Sprague-Dawley rats (gavage studies).

Psychological determinants of reactions to food risk messages.

Aryl hydrocarbon receptor activation produces heart-specific transcriptional and toxic responses in developing zebrafish.

Pollutant particles enhanced H₂O₂ production from NAD(P)H oxidase and mitochondria in human pulmonary artery endothelial cells.

Effects of hypoxia and limited diffusion in tumor cell microenvironment on bystander effect of P450 prodrug therapy.

Case report: Hydroquinone and/or glutaraldehyde induced acute myeloid leukaemia?

Antioxidants reduce cone cell death in a model of retinitis pigmentosa.

Improved methods for urinary atrazine mercapturate analysis--assessment of an enzyme-linked immunosorbent assay (ELISA) and a novel liquid chromatography-mass spectrometry (LC-MS) method utilizing online solid phase extraction (SPE).

Almond Replant Disease and Its Management with Alternative Pre-Plant Soil Fumigation Treatments and Rootstocks.

Interaction of *Fusarium solani* f. sp. *glycines* and *Heterodera glycines* in Sudden Death Syndrome of Soybean.

Impact of tubing material on the failure of product-specific bubble points of sterilizing-grade filters.

A fatal case of saponated cresol ingestion.

Gene expression profile by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the liver of wild-type (AhR+/+) and aryl hydrocarbon receptor-deficient (AhR-/-) mice.

[Cytoprotective effects of heat shock protein-70 in bronchial epithelium against neutrophil elastase-induced cell injury].

Nonezymatic formation of succinate in mitochondria under oxidative stress.

Sustained aryl hydrocarbon receptor activity attenuates liver regeneration.

Enhanced xenobiotic-induced hepatotoxicity and Kupffer cell activation by restraint-induced stress.

Sodium arsenite impairs insulin secretion and transcription in pancreatic beta-cells.

Hypoxic vasoconstriction of partial muscular intra-acinar pulmonary arteries in murine precision cut lung slices.

Oral administration of lactoferrin increases hemoglobin and total serum iron in pregnant women.

Brief report: embryonic growth and hatching implications of developmental 670-nm phototherapy and dioxin co-exposure.

Tomato QM-like protein protects *Saccharomyces cerevisiae* cells against oxidative stress by regulating intracellular proline levels.

Impairment of testicular function in adult male Japanese quail (*Coturnix japonica*) after a single administration of 3-methyl-4-nitrophenol in diesel exhaust particles.

Exposure of mice to arsenic and/or benzo[a]pyrene does not increase the frequency of Aprt-deficient cells recovered from explanted skin of Aprt heterozygous mice.

Identification of new human pregnane X receptor ligands among pesticides using a stable reporter cell system.

Novel compound 2-methyl-2H-pyrazole-3-carboxylic acid (2-methyl-4-o-tolylazo-phenyl)-amide (CH-223191) prevents 2,3,7,8-TCDD-induced toxicity by antagonizing the aryl hydrocarbon receptor.

Geldanamycin, an inhibitor of Hsp90, potentiates cytochrome P450E1-mediated toxicity in HepG2 cells.

Regulation of human male germ cell death by modulators of ATP production.

Toxicity on crustaceans and endocrine disrupting activity on *Saccharomyces cerevisiae* of eight alkylphenols.

Membrane association, mechanism of action, and structure of Arabidopsis embryonic factor 1 (FAC1).

Chronic exposure to dioxin-like compounds and thyroid function among New York anglers.

Systemic and myelotoxic effects of single administration of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

Dioxin cancer risk--example of hormesis?

Prohibitin is involved in mitochondrial biogenesis in plants.

The effect of ethanol, ethanol metabolizing enzyme inhibitors, and Vitamin E on regulating glutathione, glutathione S-transferase, and S-adenosylmethionine in mouse primary hepatocyte.

Suppressive effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on vascular remodeling that takes place in the normal labyrinth zone of rat placenta during late gestation.

Composition, distribution, and characterization of suspected endocrine-disrupting pesticides in Beijing GuanTing Reservoir (GTR).

Dioxin effects on neonatal and infant thyroid function: routes of perinatal exposure, mechanisms of action and evidence from epidemiology studies.

Interference by 2,3,7,8-tetrachlorodibenzo-p-dioxin with cultured mouse submandibular gland branching morphogenesis involves reduced epidermal growth factor receptor signaling.

Historical approaches to post-combat disorders.

Effect of chlorpromazine on bone sialoprotein (BSP) gene transcription.

Analytical methods for trace levels of reactive carbonyl compounds formed in lipid peroxidation systems.

Regeneration of the liver in mice treated with a mixture of hepatotoxins in delayed periods after bone marrow transplantation.

Assessment by c-Fos immunostaining of changes in brain neural activity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and leptin in rats.

Chitosan nanoparticles as a potential drug delivery system for the ocular surface: toxicity, uptake mechanism and in vivo tolerance.

Maize response to acute arsenic toxicity as revealed by proteome analysis of plant shoots.

Inhibition of follicular development, vitellogenesis, and serum 17beta-estradiol concentrations in zebrafish following chronic, sublethal dietary exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Sodium azide dilates coronary arterioles via activation of inward rectifier K⁺ channels and Na⁺-K⁺-ATPase.

Desensitization of platelet-derived growth factor receptor-beta by oxidized lipids in vascular cells and atherosclerotic lesions: prevention by aldehyde scavengers.

Acute poisoning with pesticides in the state of Mato Grosso do Sul, Brazil.

Human response to dioxin: aryl hydrocarbon receptor (AhR) molecular structure, function, and dose-response data for enzyme induction indicate an impaired human AhR.

Biosynthetic requirements for the repair of sublethal membrane damage in Escherichia coli cells after pulsed electric fields.

UVA1 radiation (340-400 nm) interferes with the perforin-granule system of CD8hi+ cytotoxic T lymphocytes in vitro.

Productivity of tree swallows (*Tachycineta bicolor*) exposed to PCBs at the Kalamazoo River superfund site.

The effects of ellagic acid and vitamin E succinate on antioxidant enzymes activities and glutathione levels in different brain regions of rats after subchronic exposure to TCDD.

Acute depletion of reduced glutathione causes extensive carbonylation of rat brain proteins.

Changes in intracellular pH play a secondary role in hydrogen sulfide-induced nasal cytotoxicity.

Epo protects SOD2-deficient mouse astrocytes from damage by oxidative stress.

Acute effects of 3,4-dichloroaniline on biomarkers and spleen histology of the common goby *Pomatoschistus microps*.

Effects of chronic exposure to sodium arsenite on hypothalamo-pituitary-testicular activities in adult rats: possible an estrogenic mode of action.

[Resorption and tolerance of the high doses of ferrous sulfate and ferrous gluconate in the patients on peritoneal dialysis].

Functional changes in bladder tissue from type III collagen-deficient mice.

Phospholipase A2, reactive oxygen species, and lipid peroxidation in cerebral ischemia.

2-Deoxyglucose and NMDA inhibit protein synthesis in neurons and regulate phosphorylation of elongation factor-2 by distinct mechanisms.

Combination of in vitro bioassays encompassing different mechanisms to determine the endocrine-disrupting effects of river water.

Recent female mouse models displaying advanced reproductive aging.

Dynamic gene expression changes precede dioxin-induced liver pathogenesis in medaka fish.

Regulation of bone sialoprotein (BSP) gene transcription by lipopolysaccharide.

Loss of mitochondrial membrane potential is associated with increase in mitochondrial volume: physiological role in neurones.

Antiproliferative and antiangiogenic effects of 3-methylcholanthrene, an aryl-hydrocarbon receptor agonist, in human umbilical vascular endothelial cells.

Scanning cysteine mutagenesis analysis of Abeta-(1-40) amyloid fibrils.

Environmental toxicants and effects on female reproductive function.

670 nanometer light treatment attenuates dioxin toxicity in the developing chick embryo.

Basic fibroblast growth factor promotes melanocyte migration via increased expression of p125(FAK) on melanocytes.

Co-administration of zinc and n-acetylcysteine prevents arsenic-induced tissue oxidative stress in male rats.

The good, the bad, and the ugly: weighing the risks and benefits of seafood consumption.

Manganese enhances peroxynitrite and leukotriene E4 formation in bovine aortic endothelial cells exposed to arsenic.

[Forecasting parameters of acute chemical toxicity according to in vitro conformation changes of proteins].

Biliary excretion of sulfated bile acids and organic anions in zone 1- and zone 3-injured rats.

Arabidopsis and tobacco plants ectopically expressing the soybean antiquitin-like ALDH7 gene display enhanced tolerance to drought, salinity, and oxidative stress.

Involvement of soluble sugars in reactive oxygen species balance and responses to oxidative stress in plants.

Dinitrophenol-induced mitochondrial uncoupling in vivo triggers respiratory adaptation in HepG2 cells.

Enterocyte cytoskeleton changes are crucial for enhanced translocation of nonpathogenic Escherichia coli across metabolically stressed gut epithelia.

CYP2A5-mediated activation and early ultrastructural changes in the olfactory mucosa: studies on 2,6-dichlorophenyl methylsulfone.

Induction of beta3-adrenergic receptor functional expression following chronic stimulation with noradrenaline in neonatal rat cardiomyocytes.

Effects of acute and chronic exposure to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin on the transition to reproductive senescence in female Sprague-Dawley rats.

Toxicity of chlorophenols to *Pseudokirchneriella subcapitata* under air-tight test environment.

New evidences for old biomarkers: effects of several xenobiotics on EROD and AChE activities in Zebra mussel (*Dreissena polymorpha*).

Formation of toxic chemicals including dioxin-related compounds by combustion from a small home waste incinerator.

Transduced human copper chaperone for Cu,Zn-SOD (PEP-1-CCS) protects against neuronal cell death.

[Carbimide overdose: description of a case and review of the literature].

Epidemiology of intentional self-poisoning in rural Sri Lanka.

Rice (*Oryza sativa*) response to drift rates of glyphosate.

Chemistry and phytotoxicity of thaxtomin A alkyl ethers.

Heat shock proteins protect both MPP(+) and paraquat neurotoxicity.

Glyphosate inhibits rust diseases in glyphosate-resistant wheat and soybean.

The bipyridyl herbicide paraquat produces oxidative stress-mediated toxicity in human neuroblastoma SH-SY5Y cells: relevance to the dopaminergic pathogenesis.

Effects of prenatal paraquat and mancozeb exposure on amino acid synaptic transmission in developing mouse cerebellar cortex.

5-(2,6-difluorobenzyl)oxymethyl-5-methyl-3-(3-methylthiophen-2-yl)-1,2-isoxazoline as a useful rice herbicide.

[Paraquat intoxication and hemocarboperfusion].

Applying weight gain in *Pomacea lineata* (SPIX 1824) (Mollusca: Prosobranchia) as a measure of herbicide toxicity.

The need for translational research on antidotes for pesticide poisoning.

Differences in lysine adduction by acrolein and methyl vinyl ketone: implications for cytotoxicity in cultured hepatocytes.

Subacute pulmonary manifestation in a survivor of severe paraquat intoxication.

Triazine herbicides and epithelial ovarian cancer risk in central California.

Myeloperoxidase-generated oxidants modulate left ventricular remodeling but not infarct size after myocardial infarction.

Antioxidant and hepatoprotective effects of *Eucalyptus maculata*.

Systemic exposure to paraquat and maneb models early Parkinson's disease in young adult rats.

Paraquat neurotoxicity is distinct from that of MPTP and rotenone.

Atrazine effects on meiobenthic assemblages of a modular estuarine mesocosm.

Influence of glyphosate and its formulation (Roundup) on the toxicity and bioavailability of metals to *Ceriodaphnia dubia*.

[Toxicity effects of pentachlorophenol on *Brachydanio rerio*].

Functional and structural impact of linuron on a freshwater community of primary producers: the use of immobilized algae.

Paraquat-induced Fanconi syndrome.

Effects of different soil types on the Collembolans *Folsomia candida* and *Hypogastrura assimilis* using the herbicide Phenmedipham.

Evaluation of epidemiologic and animal data associating pesticides with Parkinson's disease.

Neuroprotective effects of *Polygonum multiflorum* on nigrostriatal dopaminergic degeneration induced by paraquat and maneb in mice.

Missing Link?: Alachlor and Semen Quality.

The *Helicobacter pylori* MutS protein confers protection from oxidative DNA damage.

The use of flow cytometric methods in acute and long-term in vitro testing.

Environmental levels of atrazine and its degradation products impair survival skills and growth of red drum larvae.

[Effects of different doses of levodopa on paraquat-induced neurotoxicity: an experiment with mice].

Roles of *Drosophila* DJ-1 in survival of dopaminergic neurons and oxidative stress.

Drosophila DJ-1 mutants are selectively sensitive to environmental toxins associated with Parkinson's disease.

[Cytotoxicity and genotoxicity of human cells exposed in vitro to glyphosate].

Mechanism of acrolein-induced vascular toxicity.

Sorption of hydrophobic organic chemicals to bacteria.

A slowly developing dysfunction of dopaminergic nigrostriatal neurons induced by long-term paraquat administration in rats: an animal model of preclinical stages of Parkinson's disease?

Clinical implications of the ethane in exhaled breath in patients with acute paraquat intoxication.

Effect of metals on herbicides-alpha-synuclein association: a possible factor in neurodegenerative disease studied by capillary electrophoresis.

Developmental pesticide models of the Parkinson disease phenotype.

Intentional self-poisoning with the chlorophenoxy herbicide 4-chloro-2-methylphenoxyacetic acid (MCPA).

Respiratory health effects due to long-term low-level paraquat exposure.

High blood pressure is one of the symptoms of paraquat-induced toxicity in rats.

The polysaccharide antibody response after *Streptococcus pneumoniae* vaccination is differentially enhanced or suppressed by 3,4-dichloropropionanilide and 2,4-dichlorophenoxyacetic acid.

Effects of a low dose of bentazon on spermatogenesis of mice exposed during foetal, postnatal and adult life.

The parkinsonism producing neurotoxin MPP⁺ affects microtubule dynamics by acting as a destabilising factor.

Paraquat induces selective dopaminergic nigrostriatal degeneration in aging C57BL/6 mice.

Acute toxicity of the pesticide dichlorvos and the herbicide butachlor to tadpoles of four anuran species.

Insect repellents, phenoxyherbicide exposure, and non-Hodgkin's lymphoma.

Joint toxicity of triazine herbicides and organophosphate insecticides to the midge *Chironomus tentans*.

Effects of biotechnology on biodiversity: herbicide-tolerant and insect-resistant GM crops.

Melatonin protects against MPTP/MPP⁺ -induced mitochondrial DNA oxidative damage in vivo and in vitro.

Preventive mechanism of cellular glutathione in monomethylarsonic acid-induced cytolethality.

Tellurite effects on *Rhodobacter capsulatus* cell viability and superoxide dismutase activity under oxidative stress conditions.

Granulocyte colony-stimulating factor is not protective against selective dopaminergic cell death in vitro.

Alachlor and carbaryl suppress lipopolysaccharide-induced iNOS expression by differentially inhibiting NF- κ B activation.

Acute arsenic poisoning in two siblings.

Cyanamide-induced aplastic anemia.

Cell type-specific gene expression of midbrain dopaminergic neurons reveals molecules involved in their vulnerability and protection.

Risk factors for acute pesticide poisoning in Sri Lanka.

Sustained exposure to the widely used herbicide atrazine: altered function and loss of neurons in brain monoamine systems.

Cytotoxic effects in mammalian Vero cells exposed to pentachlorophenol.

Postservice mortality of Air Force veterans occupationally exposed to herbicides during the Vietnam War: 20-year follow-up results.

The role of microglia in paraquat-induced dopaminergic neurotoxicity.

Toxicity of redox cycling pesticides in primary mesencephalic cultures.

[Correlation of plasma endothelin and multiple organ dysfunction syndrome caused by acute paraquat poisoning].

Role of oxidative stress in paraquat-induced dopaminergic cell degeneration.

New 2-phenyl-4,5,6,7-tetrahydro-2H-indazole derivatives as paddy field herbicides.

Update: hydrogen cyanamide-related illnesses--Italy, 2002-2004.

Gill modifications in the freshwater fish *Cyprinus carpio* after subchronic exposure to simazine.

Toxicity of organic compounds to marine invertebrate embryos and larvae: a comparison between the sea urchin embryogenesis bioassay and alternative test species.

[Effects of pentachlorophenol on rat sertoli cells].

Hospital-based survey of pesticide poisoning in Japan, 1998--2002.

Rapid analysis method for paraquat and diquat in the serum using ion-pair high-performance liquid chromatography.

Oral exposure to atrazine modulates cell-mediated immune function and decreases host resistance to the B16F10 tumor model in female B6C3F1 mice.

A risk assessment of atrazine use in California: human health and ecological aspects.

Generation and properties of ascorbic acid-overproducing transgenic tobacco cells expressing sense RNA for l-galactono-1,4-lactone dehydrogenase.

Imaging plant cell death: GFP-Nit1 aggregation marks an early step of wound and herbicide induced cell death.

Allergic contact dermatitis from cyanamide.

Genotoxic effects of pentachlorophenol, lindane, transfluthrin, cyfluthrin, and natural pyrethrum on human mucosal cells of the inferior and middle nasal conchae.

Inhaled nitric oxide improves the survival of the paraquat-injured rats.

The toxicity and bioavailability of atrazine and molinate to *Chironomus tepperi* larvae in laboratory and river water in the presence and absence of sediment.

Paraquat poisoning.

Expression of vasoactive mediators during mechanical ventilation in nitrofen-induced diaphragmatic hernia in rats.

Different cytoprotective effect of antioxidants and change in the iron regulatory system in rodent cells exposed to paraquat or formaldehyde.

Promutagen activation of triazine herbicides metribuzin and ametryn through *Vicia faba* metabolism inducing sister chromatid exchanges in human lymphocytes in vitro and in *V. faba* root tip meristems.

Drug-induced hypersensitivity syndrome due to cyanamide associated with multiple reactivation of human herpesviruses.

Pax3 mRNA is decreased in the hearts of rats with experimental diaphragmatic hernia.

Acute exposure to molinate alters neuroendocrine control of ovulation in the rat.

Altered expression of angiotensin II receptor subtypes and transforming growth factor-beta in the heart of nitrofen-induced diaphragmatic hernia in rats.

Assessing contaminant sensitivity of endangered and threatened aquatic species: part II. Chronic toxicity of copper and pentachlorophenol to two endangered species and two surrogate species.

In vivo evaluation of three biomarkers in the mosquitofish (*Gambusia yucatana*) exposed to pesticides.

Nitrofen induces a redox-dependent apoptosis associated with increased p38 activity in P19 teratocarcinoma cells.

Toxicity and bioavailability of atrazine and molinate to the freshwater shrimp (*Paratya australiensis*) under laboratory and simulated field conditions.

Illnesses related to shank application of metam-sodium, Arvin, California, July 2002.

Poisoning due to urea herbicides.

The ecotoxicological effects of Photosystem II herbicides on corals.

Application of an artificial sea salt solution to determine acute toxicity of herbicides to *Proisotoma minuta* (Collembola).

Mother and fetus both survive from severe paraquat intoxication.

Rapid chromatographic methods for the identification and determination of chlorophenoxy herbicides.

Effects of the herbicide diuron on the early life history stages of coral.

Arsenic-induced micronuclei formation in mammalian cells and its counteraction by tea.

Differential effects of vitamin A on fetal lung growth and diaphragmatic formation in nitrofen-induced rat model.

Mortality in New Zealand workers exposed to phenoxy herbicides and dioxins.

Neuropathological studies on cycloate-induced neuronal cell death in the rat brain.

Increased toxicity to *Ceriodaphnia dubia* in mixtures of atrazine and diazinon at environmentally realistic concentrations.

Similar patterns of mitochondrial vulnerability and rescue induced by genetic modification of alpha-synuclein, parkin, and DJ-1 in *Caenorhabditis elegans*.

Antimicrobial activities of Eugenol and Cinnamaldehyde against the human gastric pathogen *Helicobacter pylori*.

Stress-induced alterations in parkin solubility promote parkin aggregation and compromise parkin's protective function.

Transforming growth factor-beta1 upregulation is independent of angiotensin in paraquat-induced lung fibrosis.

Polyamine oxidase and acrolein as novel biochemical markers for diagnosis of cerebral stroke.

Acrolein-induced cell death in PC12 cells: role of mitochondria-mediated oxidative stress.

Long-lived alphaMUPA transgenic mice show reduced SOD2 expression, enhanced apoptosis and reduced susceptibility to the carcinogen dimethylhydrazine.

Regulation of constitutive neutrophil apoptosis by the alpha,beta-unsaturated aldehydes acrolein and 4-hydroxynonenal.

Protein adduct species in muscle and liver of rats following acute ethanol administration.

Acrolein impairs ATP binding cassette transporter A1-dependent cholesterol export from cells through site-specific modification of apolipoprotein A-I.

An alternative Ca²⁺-dependent mechanism of neuroprotection by the metalloporphyrin class of superoxide dismutase mimetics.

Down-regulation of the glial glutamate transporter GLT-1 in rat hippocampus and striatum and its modulation by a group III metabotropic glutamate receptor antagonist following transient global forebrain ischemia.

Nonosmotic release of vasopressin and renal aquaporins in impaired urinary dilution in hypothyroidism.

Abeta-polyacrolein aggregates: novel mechanism of plastic formation in senile plaques.

Arsenic exposure, urinary arsenic speciation, and peripheral vascular disease in blackfoot disease-hyperendemic villages in Taiwan.

Superoxide dismutase/catalase mimetics are neuroprotective against selective paraquat-mediated dopaminergic neuron death in the substantia nigra: implications for Parkinson disease.

Cinnamaldehyde-induced apoptosis in human PLC/PRF/5 cells through activation of the proapoptotic Bcl-2 family proteins and MAPK pathway.

Toxin-induced models of Parkinson's disease.

Acyclic cyanamide-based inhibitors of cathepsin K.

[WITHDRAWN] Overexpression of superoxide dismutase or glutathione peroxidase protects against the paraquat + maneb-induced Parkinson disease phenotype.

Acrolein modifies apolipoprotein A-I in the human artery wall.

Oxidative damage is a potential cause of cone cell death in retinitis pigmentosa.

Analysis of derivatized biogenic aldehydes by LC tandem mass spectrometry.

Long CGG-repeat tracts are toxic to human cells: implications for carriers of Fragile X premutation alleles.

The aldehyde acrolein induces apoptosis via activation of the mitochondrial pathway.

Accumulation of acrolein-protein adducts after traumatic spinal cord injury.

Paraquat poisoning.

Urinary trivalent methylated arsenic species in a population chronically exposed to inorganic arsenic.

Plasma retinoid profile in bullfrogs, *Rana catesbeiana*, in relation to agricultural intensity of sub-watersheds in the Yamaska River drainage basin, Québec, Canada.

Glutathione and ascorbic acid enhance recovery of Guinea pig spinal cord white matter following ischemia and acrolein exposure.

Very-long-chain fatty acids activate lysosomal hydrolases in neonatal human skin tissue.

Re: "Cancer incidence among pesticide applicators exposed to alachlor in the agricultural health study".

Modeling and predicting stress-induced immunosuppression in mice using blood parameters.

Salicylate activity. 1. Protection of plants from paraquat injury.

Folate, homocysteine, and arsenic metabolism in arsenic-exposed individuals in Bangladesh.

Arsenic speciation in human hair: a new perspective for epidemiological assessment in chronic arsenicism.

The diphenylether herbicide lactofen induces cell death and expression of defense-related genes in soybean.

Hemoglobin autoxidation and regulation of endogenous H₂O₂ levels in erythrocytes.

Proteomic analysis of grapevine (*Vitis vinifera* L.) tissues subjected to herbicide stress.

Model study on the effect of 15 phenolic olive mill wastewater constituents on seed germination and *Vibrio fischeri* metabolism.

Bioactive metabolites from the fungus *Nectria galligena*, the main apple canker agent in Chile.

Autotrophic and mixotrophic hydrogen photoproduction in sulfur-deprived *Chlamydomonas* cells.

Humic acid toxicity in biologically treated soil contaminated with polycyclic aromatic hydrocarbons and pentachlorophenol.

Protective role of hydrogen peroxide in oxygen-deprived dopaminergic neurones of the rat substantia nigra.

Development of a method for quantification of acrolein-deoxyguanosine adducts in DNA using isotope dilution-capillary LC/MS/MS and its application to human brain tissue.

Wild-type alpha-synuclein interacts with pro-apoptotic proteins PKCdelta and BAD to protect dopaminergic neuronal cells against MPP+-induced apoptotic cell death.

Protective effect of melatonin on paraquat-induced cytotoxicity in isolated rat hepatocytes.

Cysteine modification by lipid peroxidation products inhibits protein disulfide isomerase.

Complementary interactions between oxidative stress and auxins control plant growth responses at plant, organ, and cellular level.

Mitochondrial behaviour in the early stages of ROS stress leading to cell death in *Arabidopsis thaliana*.

Differential impact of environmental stresses on the pea mitochondrial proteome.

Antisense reduction of thylakoidal ascorbate peroxidase in *Arabidopsis* enhances paraquat-induced photooxidative stress and nitric oxide-induced cell death.

Environmental monitoring and ecological risk assessment for pesticide contamination and effects in Lake Pamvotis, northwestern Greece.

Novel genomic targets in oxidant-induced vascular injury.

A *Caenorhabditis elegans* mutant lacking functional nicotinamide nucleotide transhydrogenase displays increased sensitivity to oxidative stress.

Translation of in vitro inhibition by marine natural products of the C4 acid cycle enzyme pyruvate P(i) dikinase to in vivo C4 plant tissue death.

Acrolein induces Hsp72 via both PKCdelta/JNK and calcium signaling pathways in human umbilical vein endothelial cells.

Tissue distribution and urinary excretion of inorganic arsenic and its methylated metabolites in mice following acute oral administration of arsenate.

Optical microsensors for pesticides identification based on porous silicon technology.

Evaluation of transgenic cotton varieties and a glyphosate application on seedling disease incidence.

Hydrogen peroxide-induced cell death in *Arabidopsis*: transcriptional and mutant analysis reveals a role of an oxoglutarate-dependent dioxygenase gene in the cell death process.

Induction of thioredoxin reductase as an adaptive response to acrolein in human umbilical vein endothelial cells.

[Withdrawal of exogenous auxin induces programmed cell death of cotton embryogenic suspension cultures].

Acrolein induces oxidative stress in brain mitochondria.

Tissue distribution of arsenic species in rabbits after single and multiple parenteral administration of arsenic trioxide: tissue accumulation and the reversibility after washout are tissue-selective.

A novel test for identifying genes involved in aldehyde detoxification in the yeast. Increased sensitivity of superoxide-deficient yeast to aldehydes and their metabolic precursors.

Oxidative metabolites are involved in polyamine-induced microglial cell death.

[Establishment of embryogenic cell suspension culture and plant regeneration of edible banana *Musa acuminata* cv. Mas (AA)].

Eucalyptus ESTs related to genes for oxidative stress.

Evolution of endogenous hormone concentration in embryogenic cultures of carrot during early expression of somatic embryogenesis.

A study of volatile organic compounds evolved from the decaying human body.

Molecular events associated with arsenic-induced malignant transformation of human prostatic epithelial cells: aberrant genomic DNA methylation and K-ras oncogene activation.

Concentrations of environmental chemicals associated with neurodevelopmental effects in U.S. population.

Fibroblast cell lines from young adult mice of long-lived mutant strains are resistant to multiple forms of stress.

Uncoupling of oxidative phosphorylation prevents the urinary alcohol level cycling caused by feeding ethanol continuously at a constant rate.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced change in intestinal function and pathology: evidence for the involvement of arylhydrocarbon receptor-mediated alteration of glucose transportation.

Inhibitory effects of vitamin A on TCDD-induced cytochrome P-450 1A1 enzyme activity and expression.

Arsenite delays progression through each cell cycle phase and induces apoptosis following G2/M arrest in U937 myeloid leukemia cells.

Antioxidant properties of cystic fibrosis sputum.

Heart malformation is an early response to TCDD in embryonic zebrafish.

Met5-enkephalin-induced cardioprotection occurs via transactivation of EGFR and activation of PI3K.

Changes in DNA binding pattern of transcription factor YY1 in neuronal degeneration.

Can maternal vitamin e supplementation prevent lung hypoplasia in the nitrofen-induced rat model of congenital diaphragmatic hernia?

Enhanced response to caffeine and 4-chloro-m-cresol in malignant hyperthermia-susceptible muscle is related in part to chronically elevated resting $[Ca^{2+}]_i$.

Transduced Tat-SOD fusion protein protects against ischemic brain injury.

Cell death induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) in AtT-20 pituitary cells.

Tyrosine kinase inhibitors attenuate Japanese encephalitis virus-induced neurotoxicity.

Assessment of human contamination of estrogenic endocrine-disrupting chemicals and their risk for human reproduction.

Association of micropenis with Pro185Ala polymorphism of the gene for aryl hydrocarbon receptor repressor involved in dioxin signaling.

Cloning and expression of type III collagen in normal and injured tendons of horses.

The effect of iron supplementation on the level of haemoglobin after lower limb arthroplasty.

Endemic nephropathy: the case for chronic poisoning by aristolochia.

Effects of arsenic and UVB on normal human cultured keratinocytes: impact on apoptosis and implication on photocarcinogenesis.

Role of sulfated glycans in adherence of the microsporidian *Encephalitozoon intestinalis* to host cells in vitro.

Effects of arsenite on cell cycle progression in a human bladder cancer cell line.

Deregulation of cell proliferation by polycyclic aromatic hydrocarbons in human breast carcinoma MCF-7 cells reflects both genotoxic and nongenotoxic events.

Aryl hydrocarbon receptor expression and activity in cerebellar granule neuroblasts: implications for development and dioxin neurotoxicity.

Aminolevulinic acid: from its unique biological function to its star role in photodynamic therapy.

Tetraethylammonium exacerbates ischemic neuronal injury in rat cerebrocortical slice cultures.

Could exposure to methyl bromide cause motor neurone disease?

Pesticide use and breast cancer risk among farmers' wives in the agricultural health study.

[Ferro-folgamma--a good alternative in the treatment of iron deficiency anemia and depleted iron stores in pregnant women].

Fryns syndrome without diaphragmatic hernia. Report on a new case and review of the literature.

In vitro evaluation of the susceptibility of endodontic pathogens to calcium hydroxide combined with different vehicles.

Effect of oral chronic intoxication with sodium arsenite on murine giardiasis.

Portal hypertension: the role of shunting procedures.

Agricultural exposures and non-Hodgkin's lymphoma.

Reduction of alachlor-induced olfactory mucosal neoplasms by the matrix metalloproteinase inhibitor Ro 28-2653.

Use of black tea in modulating clastogenic effects of arsenic in mice in vivo.

Chemical-induced atrial thrombosis in NTP rodent studies.

Characterization of spontaneous and chemically induced cardiac lesions in rodent model systems: the national toxicology program experience.

Environmental cardiovascular disease.

Auditory neurotoxicity and hepatotoxicity after MSMA (monosodium methanarsenate) high dose oral intake.

Pediatric fatality following ingestion of dinitrophenol: postmortem identification of a "dietary supplement".

[Health risk related to municipal waste incineration].

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and leptin on hypothalamic mRNA expression of factors participating in food intake regulation in a TCDD-sensitive and a TCDD-resistant rat strain.

Oxidative stress in mitochondria: decision to survival and death of neurons in neurodegenerative disorders.

Comparison of farmers in the agricultural health study to the 1992 and the 1997 censuses of agriculture.

Various bilateral olfactory deficits in male patients with schizophrenia.

Effect of nitric oxide on the development of nitrofen-induced fetal hypoplastic lung explants.

The epidemiology of pesticide exposure and cancer: A review.

Amelioration of sodium arsenite-induced clastogenicity by tea extracts in Chinese hamster v79 cells.

Olfactory epithelial metaplasia and hyperplasia in female Harlan Sprague-Dawley rats following chronic treatment with polychlorinated biphenyls.

Classification of proliferative hepatocellular lesions in harlan sprague-dawley rats chronically exposed to dioxin-like compounds.

[Development of analysis of drugs and toxic substances that can play an immediate role in emergency medical service: what is to be analyzed?].

[Effects of Tianzhi Keli on extracellular acetylcholine and catecholamine levels in striatum of rats with neuromitochondrial impairment].

[Orthorexia nervosa. A new eating behavior disorder?].

Quantitative analysis of cereulide, an emetic toxin of *Bacillus cereus*, by using rat liver mitochondria.

DNP 2,4-dinitrophenol: a deadly way to lose weight.

Erythrocyte susceptibility to oxidative stress in chronic renal failure patients under different substitutive treatments.

Pesticides and risk of Parkinson disease: a population-based case-control study.

Reduced coronary flow reserve in patients with congestive heart failure assessed by transthoracic Doppler echocardiography.

Protective effects of insulin during ischemia-reperfusion injury in hamster cheek pouch microcirculation.

Gingival carcinogenicity in female Harlan Sprague-Dawley rats following two-year oral treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like compounds.

Positive end-expiratory pressure prevents lung mechanical stress caused by recruitment/derecruitment.

A two-generation reproductive toxicity study of 2,4-dichlorophenol in rats.

The epidemiology of non-Hodgkin lymphoma.

Toxicology and carcinogenesis studies of sodium chlorate (Cas No. 7775-09-9) in F344/N rats and B6C3F1 mice (drinking water studies).

Comparison of the efficacy of wheat-based snacks fortified with ferrous sulfate, electrolytic iron, or hydrogen-reduced elemental iron: randomized, double-blind, controlled trial in Thai women.

Aryl hydrocarbon receptor-independent toxicity of weathered crude oil during fish development.

[Risk factors for pediatric malignant bone tumors].

A randomized, controlled trial comparing IV iron sucrose to oral iron in anemic patients with nondialysis-dependent CKD.

Serum soluble transferrin receptor is a valuable diagnostic tool in iron deficiency of breath-holding spells.

In utero and lactational exposure to TCDD; steroidogenic outcomes differ in male and female rat pups.

Review of the toxicology of carbonyl sulfide, a new grain fumigant.

Vitamin E and organoselenium prevent the cocarcinogenic activity of arsenite with solar UVR in mouse skin.

Pericapillary haem-rich deposits: evidence for microhaemorrhages in aging human cerebral cortex.

Drosophila DJ-1 mutants show oxidative stress-sensitive locomotive dysfunction.

Hypothyroidism attenuates protein tyrosine nitration, oxidative stress and renal damage induced by ischemia and reperfusion: effect unrelated to antioxidant enzymes activities.

Validation of Haber's Rule (dose x time = constant) in rats and mice for monochloroacetic acid and 2,3,7,8-tetrachlorodibenzo-p-dioxin under conditions of kinetic steady state.

Sharks do get cancer: few surprises in cartilage research.

[Fractional utilization of reduced iron powder in Chinese child bearing age women with dual stable isotopes].

Tissue Doppler-derived indices predict exercise capacity in patients with apical hypertrophic cardiomyopathy.

Nitrovasodilator responses in pulmonary arterioles from rats with nitrofen-induced congenital diaphragmatic hernia.

Effectiveness of iron supplementation in a young child with attention-deficit/hyperactivity disorder.

Darbepoetin alfa treatment for post-renal transplantation anemia during pregnancy.

Agricultural pesticide use and risk of glioma in Nebraska, United States.

Effects of ferrous sulphate and non-ionic iron-polymaltose complex on markers of oxidative tissue damage in patients with inflammatory bowel disease.

Occupational exposure to pesticides and risk of non-Hodgkin's lymphoma.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on murine heart development: alteration in fetal and postnatal cardiac growth, and postnatal cardiac chronotropy.

[Application of a 3D reconstruction model for the analysis of nitrofen induced intrathoracic malformations].

[Study on clinical treatment of acute bromoxynil poisoning].

Mild postnatal anemia: is it a problem?

Effect of pollen-mediated oxidative stress on immediate hypersensitivity reactions and late-phase inflammation in allergic conjunctivitis.

Neuritogenesis and neuronal differentiation promoted by 2,4-dinitrophenol, a novel anti-amyloidogenic compound.

Nonsteroidal anti-inflammatory drugs differentially affect the heat shock response in cultured spinal cord cells.

Cutting edge: activation of the aryl hydrocarbon receptor by 2,3,7,8-tetrachlorodibenzo-p-dioxin generates a population of CD4⁺ CD25⁺ cells with characteristics of regulatory T cells.

Antioxidant and biotransformation enzymes in *Myriophyllum quitense* as biomarkers of heavy metal exposure and eutrophication in Suquia River basin (Córdoba, Argentina).

Letter to the editor: treatment of iron deficiency anemia.

Insulin neuroprotection against oxidative stress in cortical neurons--involvement of uric acid and glutathione antioxidant defenses.

A new paradigm in respiratory hygiene: increasing the cohesivity of airway secretions to improve cough interaction and reduce aerosol dispersion.

Ultrastructural findings in feline corneal sequestra.

Induction of the heat shock response in vivo inhibits NF-kappaB activity and protects murine liver from endotoxemia-induced injury.

Acute pesticide poisoning and pesticide registration in Central America.

Early environmental origins of neurodegenerative disease in later life.

Synthesis and reactions of some new substituted pyridine and pyrimidine derivatives as analgesic, anticonvulsant and antiparkinsonian agents.

Time profiles of peritoneal and renal clearances of different uremic solutes in incident peritoneal dialysis patients.

A histochemical and pathological study on the interrelationship between TCDD-induced AhR expression, AhR activation, and hepatotoxicity in mice.

The mitochondrial uncoupler 2,4-dinitrophenol attenuates tissue damage and improves mitochondrial homeostasis following transient focal cerebral ischemia.

Intravenous iron sucrose complex vs. oral ferrous sulfate for postpartum iron deficiency anemia.

Expression of sucrose synthase genes involved in enhanced elongation of pondweed (*Potamogeton distinctus*) turions under anoxia.

Lecozotan (SRA-333): a selective serotonin 1A receptor antagonist that enhances the stimulated release of glutamate and acetylcholine in the hippocampus and possesses cognitive-enhancing properties.

Genomic damage and circulating AGE levels in patients undergoing daily versus standard haemodialysis.

Pharmacological induction of CFTR function in patients with cystic fibrosis: mutation-specific therapy.

Cytochrome P450 1B1 is overexpressed and regulated by hypomethylation in prostate cancer.

Increased mortality associated with TCDD exposure in mice infected with influenza A virus is not due to severity of lung injury or alterations in Clara cell protein content.

Monitoring of hematological, inflammatory and oxidative reactions to acute oral iron exposure in human volunteers: preliminary screening for selection of potentially-responsive biomarkers.

Gene expression changes in human small airway epithelial cells exposed to Delta9-tetrahydrocannabinol.

Low level, long-term inorganic arsenite exposure causes generalized resistance to apoptosis in cultured human keratinocytes: potential role in skin co-carcinogenesis.

Biomarkers of exposure, effect, and susceptibility of arsenic-induced health hazards in Taiwan.

Immortalized mouse mammary fibroblasts lacking dioxin receptor have impaired tumorigenicity in a subcutaneous mouse xenograft model.

[Effect of salidroside on mitochondria injury induced by sodium azide].

Studying toxicants as single chemicals: does this strategy adequately identify neurotoxic risk?

Increased dioxin-like compounds in the serum of women with peritoneal endometriosis and deep endometriotic (adenomyotic) nodules.

Partial purification and characterization of *Ascaridia galli* diagnostic worm antigen.

Effects of prenatal vitamins A, E, and C on the hypoplastic hearts of fetal rats with diaphragmatic hernia.

Mapping and prediction of coal workers' pneumoconiosis with bioavailable iron content in the bituminous coals.

Congenital diaphragmatic hernia: a retinoid-signaling pathway disruption during lung development?

Evaluation of pseudo-affective responses to noxious colorectal distension in rats by manometric recordings.

Glycation of mitochondrial proteins from diabetic rat kidney is associated with excess superoxide formation.

Induction of p53 by urokinase in lung epithelial cells.

Acute illnesses associated with pesticide exposure at schools.

Determination of uric acid and p-aminohippuric acid in human saliva and urine using capillary electrophoresis with electrochemical detection: potential application in fast diagnosis of renal disease.

Loss of mitochondrial membrane potential and caspase activation enhance apoptosis in irradiated K562 cells treated with herbimycin A.

Induction of oxidative stress in the reproductive system of rats after subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effect of anti-*Helicobacter pylori* therapy on outcome of iron-deficiency anemia: a randomized, controlled study.

Role of mitochondria in the regulation of hypoxia-inducible factor-1 α in the rat carotid body glomus cells.

Reduced expression of progesterone receptor-B in the endometrium of women with endometriosis and in cocultures of endometrial cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Neurologic symptoms in licensed private pesticide applicators in the agricultural health study.

Synthesis and in vivo evaluation of [¹¹C]PJ34, a potential radiotracer for imaging the role of PARP-1 in necrosis.

Characterization of the monomethylarsenate reductase and dehydroascorbate reductase activities of Omega class glutathione transferase variants: implications for arsenic metabolism and the age-at-onset of Alzheimer's and Parkinson's diseases.

Tocopherols protect *Synechocystis* sp. strain PCC 6803 from lipid peroxidation.

Carbamylated low-density lipoprotein induces death of endothelial cells: a link to atherosclerosis in patients with kidney disease.

Direct effect of plasma permeability factors from patients with idiopathic FSGS on nephrin and podocin expression in human podocytes.

One agent, many diseases: exposure-response data and comparative risks of different outcomes following silica exposure.

Activation of the aryl hydrocarbon receptor increases pulmonary neutrophilia and diminishes host resistance to influenza A virus.

Congenital diaphragmatic hernia, tracheal occlusion, thyroid transcription factor-1, and fetal pulmonary epithelial maturation.

New paradigms in the treatment of restless legs syndrome.

NF-kappaB and not the MAPK signaling pathway regulates GADD45beta expression during acute inflammation.

Morbidity and mortality following inadvertent poisoning with decanted chemicals.

[Experimental behavioral tests using monkey and rat offspring born from mothers exposed perinatally to EDCs].

Sodium azide and 2-deoxy-D-glucose-induced cellular stress affects phosphorylation-dependent AbetaPP processing.

[Efficacy of complex Hongyibuxue oral solution and ferrous sulfate for iron deficiency anemia].

High susceptibility of human c-Ha-ras proto-oncogene transgenic rats to carcinogenesis: a cancer-prone animal model.

The heat shock protein 90 inhibitor, 17-allylamino-17-demethoxygeldanamycin, enhances osteoclast formation and potentiates bone metastasis of a human breast cancer cell line.

Maternal use of nutritional supplements during the first month of pregnancy and decreased risk of Down's syndrome: case-control study.

Retinal degeneration and other eye disorders in wives of farmer pesticide applicators enrolled in the agricultural health study.

Induction and activation of the aryl hydrocarbon receptor by IL-4 in B cells.

Acute methyl iodide exposure with delayed neuropsychiatric sequelae: report of a case.

Pseudolaminar necrosis in cyanide intoxication: a neuropathology case report.

Common viral infection affects pentabrominated diphenyl ether (PBDE) distribution and metabolic and hormonal activities in mice.

Temporal and dose-dependent hepatic gene expression patterns in mice provide new insights into TCDD-Mediated hepatotoxicity.

[Mortality for non-Hodgkin lymphoma and soft-tissue sarcoma in the surrounding area of an urban waste incinerator. Campi Bisenzio (Tuscany, Italy) 1981-2001].

[Skin symptoms in Yusho patients related to blood dioxin level].

Identification of three mutations in the Cu,Zn-superoxide dismutase (Cu,Zn-SOD) gene with familial amyotrophic lateral sclerosis: transduction of human Cu,Zn-SOD into PC12 cells by HIV-1 TAT protein basic domain.

In vitro assessment of modes of toxic action of pharmaceuticals in aquatic life.

Role of autoimmune gastritis, Helicobacter pylori and celiac disease in refractory or unexplained iron deficiency anemia.

Dioxin: a review of its environmental effects and its aryl hydrocarbon receptor biology.

Reactive oxygen and nitrogen species: weapons of neuronal destruction in models of Parkinson's disease.

Organic anion transporter (Slc22a) family members as mediators of toxicity.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) affects tooth development in rhesus monkeys.

Chronic toxicity and carcinogenicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin displays a distinct dose/time toxicity threshold ($c \times t = k$) and a life-prolonging subthreshold effect.

Methyl bromide intoxication causes reversible symmetric brainstem and cerebellar MRI lesions.

Effect of a chemical manufacturing plant on community cancer rates.

Antenatal vitamin A administration attenuates lung hypoplasia by interfering with early instead of late determinants of lung underdevelopment in congenital diaphragmatic hernia.

Kupffer cell ablation improves hepatic microcirculation after trauma and sepsis.

Use of hemoglobin raffimer for postoperative life-threatening anemia in a Jehovah's Witness.

Recovery from iron deficiency in rats by the intake of recombinant yeast producing human H-ferritin.

2,4-Dinitrophenol pharmacologically promotes retinal detachment in rabbits.

Regulation of extracellular signal-regulated protein kinase signaling in human osteosarcoma cells stimulated with nicotine.

Efficient radiosynthesis of carbon-11 labelled uncharged Thioflavin T derivatives using [11C]methyl triflate for beta-amyloid imaging in Alzheimer's Disease with PET.

The role of the NO/NMDA pathways in the development of morphine withdrawal induced by naloxone in vitro.

Peroxynitrite and drug-dependent toxicity.

Chronic toxicological evaluation of dietary NovaSil clay in Sprague-Dawley rats.

Good bug, bad bug: in the case of enteric inflammatory disease does the epithelium decide?

Gastric hamartomatous tumours in a transgenic mouse model expressing an activated dioxin/Ah receptor.

Insulinlike growth factor I gene expression is increased in the fetal lung after tracheal ligation.

Health status and plasma dioxin levels in chloracne cases 20 years after the Seveso, Italy accident.

Is oxidative stress the mechanism of blue sac disease in retene-exposed trout larvae?

Dioxin toxicity and chloracne in the Ukraine.

Acidic fibroblast growth factor (FGF-1) and FGF receptor 1 signaling in human Y79 retinoblastoma.

Developmental pesticide exposures and the Parkinson's disease phenotype.

Amalgam exposure and neurological function.

Structural and functional alterations in mitochondrial membrane in picrotoxin-induced epileptic rat brain.

Prospective protective role of melatonin against arsenic-induced metabolic toxicity in Wistar rats.

A case of erectile dysfunction associated with chronic methyl bromide intoxication.

Reaction orders for thermal mortality of third instars of Mexican fruit fly (Diptera: Tephritidae).

Mitochondrial function in Leydig cell steroidogenesis.

Dioxin-like activity and maternal thyroid hormone levels in second trimester maternal serum.

Protective effects of ellagic and chlorogenic acids against oxidative stress in PC12 cells.

How does human stem cell therapy influence gene expression after liver injury? Microarray evaluation on a rat model.

An assessment of the toxicological significance of anthropogenic contaminants in Canadian arctic wildlife.

Comparative Field Efficacy of Management Strategies Containing Brassica napus Seed Meal or Green Manure for the Control of Apple Replant Disease.

Neurobehavioural evaluation and kinetics of inhalation of constant or fluctuating toluene concentrations in human volunteers.

Sodium arsenite-induced inhibition of eukaryotic translation initiation factor 4E (eIF4E) results in cytotoxicity and cell death.

Intrinsic function of the aryl hydrocarbon (dioxin) receptor as a key factor in female reproduction.

Protection of mitochondrial integrity from oxidative stress by selenium-containing glutathione transferase.

Arsenite induces endothelial cytotoxicity by down-regulation of vascular endothelial nitric oxide synthase.

Thaxtomin A induces programmed cell death in *Arabidopsis thaliana* suspension-cultured cells.

Dose-dependent liver regeneration in chloroform, trichloroethylene and allyl alcohol ternary mixture hepatotoxicity in rats.

Changes in erythrocyte enzymes in humans long-term exposed to pesticides: influence of several markers of individual susceptibility.

First Report of *Sclerotinia minor* on *Sida spinosa* in North Carolina.

Chemicals as tumor-inducing agents.

Mode of action: reduction of testosterone availability--molinate-induced inhibition of spermatogenesis.

[Political poisoning with dioxins--a weapon of chemical "disgracefulness"].

[Investigation on an accident of death induced by bromoxynil poisoning].

[Impact of legislation on registration of acutely toxic pesticides in Brazil].

Distribution of PCDDs/PCDFs and Co-PCBs in human maternal blood, cord blood, placenta, milk, and adipose tissue: dioxins showing high toxic equivalency factor accumulate in the placenta.

The uncoupling agent 2,4-dinitrophenol improves mitochondrial homeostasis following striatal quinolinic acid injections.

Pharmacokinetics of glutathione and its metabolites in normal subjects.

Inhibition of Hsp90 function delays and impairs recovery from heat shock.

Inorganic arsenite potentiates vasoconstriction through calcium sensitization in vascular smooth muscle.

Comparison of the cytotoxicity of the MEIC reference chemicals measured in protein free and in complete culture medium.

Toxicological evaluation of glycerin as a cigarette ingredient.

Accumulation, tissue distribution, and maternal transfer of dietary 2,3,7,8,-tetrachlorodibenzo-p-dioxin: impacts on reproductive success of zebrafish.

Extent of iron pick-up in deferoxamine-coupled polyurethane materials for therapy of chronic wounds.

A cell array biosensor for environmental toxicity analysis.

Effects of AV3V lesion on pilocarpine-induced pressor response and salivary gland vasodilation.

Investigation of acute toxicity of (2,4-dichlorophenoxy)acetic acid (2,4-D) herbicide on larvae and adult Nile tilapia (*Oreochromis niloticus* L.).

Electron paramagnetic resonance investigation of in vivo free radical formation and oxidative stress induced by 2,4-dichlorophenol in the freshwater fish *Carassius auratus*.

Vitamins inhibit oxidant-induced apoptosis of corneal endothelial cells.

Toxicological implications of polymorphisms in receptors for xenobiotic chemicals: the case of the aryl hydrocarbon receptor.

Inter-individual susceptibility to environmental toxicants--a current assessment.

Issues in risk assessment for developmental effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds.

Age-associated decline in mitochondrial respiration and electron transport in *Drosophila melanogaster*.

Effects of early prenatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on postnatal reproduction in the laying hen (*Gallus gallus*).

Physiological increases in uncoupling protein 3 augment fatty acid oxidation and decrease reactive oxygen species production without uncoupling respiration in muscle cells.

Human CD34-positive hematopoietic stem cells constitute targets for carcinogenic polycyclic aromatic hydrocarbons.

Comparison of murine cirrhosis models induced by hepatotoxin administration and common bile duct ligation.

Soluble branched (1,4)-beta-D-glucans from *Acetobacter* species enhance antitumor activities against MHC class I-negative and -positive malignant melanoma through augmented NK activity and cytotoxic T-cell response.

The toxic effects of pentachlorophenol on rat Sertoli cells in vitro.

Manipulation of plant tolerance to herbicides through co-ordinated metabolic engineering of a detoxifying glutathione transferase and thiol cosubstrate.

Human cordonal stem cell intraperitoneal injection can represent a rescue therapy after an acute hepatic damage in immunocompetent rats.

Improvement of mortality rate and decrease in histologic hepatic injury after human cord blood stem cell infusion in a murine model of hepatotoxicity.

Plasma protein level changes in waste incineration workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Expression and purification of a recombinant peptide from the Alzheimer's beta-amyloid protein for solid-state NMR.

Concentrations of persistent organochlorine contaminants in bowhead whale tissues and other biota from northern Alaska: implications for human exposure from a subsistence diet.

EGF receptor-dependent JNK activation is involved in arsenite-induced p21Cip1/Waf1 upregulation and endothelial apoptosis.

Protection against amyloid beta-peptide (1-42)-induced loss of phospholipid asymmetry in synaptosomal membranes by tricyclodecan-9-xanthogenate (D609) and ferulic acid ethyl ester: implications for Alzheimer's disease.

Microplates with integrated oxygen sensors for kinetic cell respiration measurement and cytotoxicity testing in primary and secondary cell lines.

Role of adenosine A1 and A3 receptors in regulation of cardiomyocyte homeostasis after mitochondrial respiratory chain injury.

Brain regional responses in antioxidant system to alpha-lipoic acid in arsenic intoxicated rat.

The gene yggE functions in restoring physiological defects of Escherichia coli cultivated under oxidative stress conditions.

Aspects of dioxin toxicity are mediated by interleukin 1-like cytokines.

Cardiovascular gene expression profiles of dioxin exposure in zebrafish embryos.

Oxidative stress mediates sodium arsenite-induced expression of heme oxygenase-1, monocyte chemoattractant protein-1, and interleukin-6 in vascular smooth muscle cells.

Scope for regulation of cigarette smoke toxicity according to brand differences in published toxicant emissions.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced impairment of glucose-stimulated insulin secretion in isolated rat pancreatic islets.

Ascorbic acid and alpha-tocopherol as potent modulators of apoptosis on arsenic induced toxicity in rats.

Tetrachlorodibenzo-p-Dioxin (TCDD) Inhibits Differentiation and Increases Apoptotic Cell Death of Precursor T-Cells in the Fetal Mouse Thymus.

[Differentiation of bone marrow derived Thy-1+ beta2M- cells into liver cells in AA induced liver injury micro-environment].

Platelets can neutralize hydrogen peroxide in an acute toxicity model with cells involved in granulation tissue formation.

Thyroid lesions and dioxin accumulation in the livers of jungle crows (*Corvus macrorhynchos*) in urban and suburban Tokyo.

Comparison of Matrigel and gelatin substrata for feeder-free culture of undifferentiated mouse embryonic stem cells for toxicity testing.

Effects of elastase on the mechanical and failure properties of engineered elastin-rich matrices.

C-reactive protein does not relax vascular smooth muscle: effects mediated by sodium azide in commercially available preparations.

The effects of gestational arsenic exposure and dietary selenium deficiency on selenium and selenoenzymes in maternal and fetal tissues in mice.

An integrated mini biosensor system for continuous water toxicity monitoring.

Dioxins and furans determination in postmortem blood by gas chromatography--high-resolution mass spectrometry.

Inorganic arsenite alters macrophage generation from human peripheral blood monocytes.

Mechanism of TNF- α modulation of Caco-2 intestinal epithelial tight junction barrier: role of myosin light-chain kinase protein expression.

Inhibition of cyclooxygenase activity, platelet aggregation and thromboxane B₂ production by two environmental toxicants: m- and o-cresol.

Glutathione reductase inhibition and methylated arsenic distribution in Cd1 mice brain and liver.

Neurotoxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in cerebellar granule cells.

Phase I study of MetXia-P450 gene therapy and oral cyclophosphamide for patients with advanced breast cancer or melanoma.

MRP-1 expression levels determine strain-specific susceptibility to sodium arsenic-induced renal injury between C57BL/6 and BALB/c mice.

[Differentiation of rat bone marrow derived Thy-1⁺ beta2M⁻ cells into hepatocytes].

Quantitative structure-activity relationships for the toxicity of substituted benzenes to *Cyprinus carpio*.

Acute toxicity of six freshwater mussel species (*Glochidia*) to six chemicals: implications for *Daphnids* and *Utterbackia imbecillis* as surrogates for protection of freshwater mussels (*Unionidae*).

Assessing contaminant sensitivity of endangered and threatened aquatic species: part I. Acute toxicity of five chemicals.

Dual role of vitamin C in an oxygen-sensitive system: discrepancy between DNA damage and cell death.

A carbohydrate fraction, AIP1, from *Artemisia iwayomogi* down-regulates Fas gene expression and suppresses apoptotic death of the thymocytes induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Heme oxygenase expression in cultured human trophoblast cells during in vitro differentiation: effects of hypoxia.

Direct somatic embryogenesis and plant regeneration from leaf, petiole, and stem explants of Golden Pothos.

Attenuation of cyclosporine A toxicity by sublethal heat shock. Role of catalase.

A practical note on the use of cytotoxicity assays.

Differential signatures of protein expression in marmoset liver and thymus induced by single-dose TCDD treatment.

Prostaglandin E1 transport into rat intestinal cryptic cell line IEC-6.

Overview of clinical trials in the treatment of iron deficiency with iron-acetyl-aspartylated casein.

Effect of pesticides on kynurenic acid production in rat brain slices.

Chronic exposure to arsenic sensitizes CD3+ and CD56+ human cells to sodium arsenite-mediated apoptosis.

Effects of N-acetylcysteine, quercetin, and phytic acid on spontaneous hepatic and renal lesions in LEC rats.

A throat lozenge containing amyl meta cresol and dichlorobenzyl alcohol has a direct virucidal effect on respiratory syncytial virus, influenza A and SARS-CoV.

Tissue repair: an important determinant of final outcome of toxicant-induced injury.

Local prevention of oxidative stress in the intestinal epithelium of the rat by adhesive liposomes of superoxide dismutase and tempamine.

Assessing toxicities of hydrophobic organic pollutants in Huaihe River by using two types of sampling.

Toxicity assessment of pesticide mixtures typical of the Sacramento-San Joaquin Delta using *Chironomus tentans*.

2,3,7,8-tetrachlorodibenzo-p-dioxin impairs differentiation of normal human epidermal keratinocytes in a skin equivalent model.

Effect of root death and decay on dissipation of polycyclic aromatic hydrocarbons in the rhizosphere of yellow sweet clover and tall fescue.

Removal of chlorophenols from aquatic systems using the dried and dead fungus *Pleurotus sajor caju*.

Quantitative risk assessment for developmental neurotoxic effects.

Retrospective case series of suspected intentional paraquat poisonings: diagnostic findings and risk factors for death.

Regulatory immunotoxicology: does the published evidence support mandatory nonclinical immune function screening in drug development?

Comparative toxic effects of formulated simazine on *Vibrio fischeri* and gilthead seabream (*Sparus aurata* L.) larvae.

Failure of ethanol and acetaldehyde to alter in vivo norepinephrine release in the striatum and hippocampus of rats.

Paraquat induces oxidative stress and neuronal cell death; neuroprotection by water-soluble Coenzyme Q10.

The effects of sub-chronic exposure of Wistar rats to the herbicide Glyphosate-Biocarb.

[Agricultural pesticide-related poisonings in Italy: cases reported to the Poison Control Centre of Milan in 2000-2001].

[Alzheimer's disease with secondary Parkinson's syndrome. Case report of a patient with dementia and Parkinson's syndrome after long-term occupational exposure to insecticides, herbicides, and pesticides].

Genetic engineering of glycinebetaine synthesis in tomato protects seeds, plants, and flowers from chilling damage.

Pesticides and lung cancer risk in the agricultural health study cohort.

Use of a crop and job specific exposure matrix for estimating cumulative exposure to triazine herbicides among females in a case-control study in the Central Valley of California.

A cross-sectional study of triallate exposure and neurological health among workers at a pesticide manufacturing and formulating facility.

Sensitivity of zebrafish to environmental toxins implicated in Parkinson's disease.

Laboratory investigation into the development of resistance of *Daphnia magna* to the herbicide molinate.

Correlations of patch test reactivity and the repeated open application test (ROAT)/provocative use test (PUT).

Prion protein protects against DNA damage induced by paraquat in cultured cells.

Cigarette suppresses the expression of P4Halpa and vascular collagen production.

[Research advances in wheat (*Triticum aestivum*) allelopathy].

[Biological monitoring and risk assessment].

Fatal paraquat poisoning in seven Portland, Oregon, dogs.

Synthesis and herbicidal activity of new oxazinone herbicides with a long-lasting herbicidal activity against *Echinochloa oryzicola*.

Neurotoxicant-induced animal models of Parkinson's disease: understanding the role of rotenone, maneb and paraquat in neurodegeneration.

G209A mutant alpha synuclein expression specifically enhances dopamine induced oxidative damage.

Pulmonary function and exercise-associated changes with chronic low-level paraquat exposure.

Cancer incidence among pesticide applicators exposed to atrazine in the Agricultural Health Study.

Mitogenic and cytotoxic effects of pentachlorophenol to AML 12 mouse hepatocytes.

Pesticide patch test series for the assessment of allergic contact dermatitis among banana plantation workers in panama.

Effects of refining predicted chronic dietary intakes of pesticide residues: a case study using glyphosate.

Toxicity of dipyrldyl compounds and related compounds.

Characterization of California rice field soils susceptible to delayed phytotoxicity syndrome.

EK-2612, a new cyclohexane-1,3-dione possessing selectivity between rice (*Oryza sativa*) and barnyardgrass (*Echinochloa crus-galli*).

Shortcomings of the laboratory-derived median lethal concentration for predicting mortality in field populations: exposure duration and latent mortality.

Different effects of CSA and CSB deficiency on sensitivity to oxidative DNA damage.

Severe acute hepatitis in a burns patient.

Overexpression of metallothionein protects cultured motor neurons against oxidative stress, but not mutant Cu/Zn-superoxide dismutase toxicity.

Chlorpropham-induced splenotoxicity and its recovery in rats.

Strong protein adduct trapping accompanies abolition of acrolein-mediated hepatotoxicity by hydralazine in mice.

Impacts of carbamate pesticides on olfactory neurophysiology and cholinesterase activity in coho salmon (*Oncorhynchus kisutch*).

Chlorpropham induces mitochondrial dysfunction in rat hepatocytes.

Nutritional assessment and fate of DNA of soybean meal from roundup ready or conventional soybeans using rats.

Toxicity of glyphosate-based pesticides to four North American frog species.

Biokinetics and subchronic toxic effects of oral arsenite, arsenate, monomethylarsonic acid, and dimethylarsinic acid in v-Ha-ras transgenic (Tg.AC) mice.

Chymase is activated in the pulmonary inflammation and fibrosis induced by paraquat in hamsters.

Role of glutathione in dimethylarsinic acid-induced apoptosis.

Mortality and cancer incidence among alachlor manufacturing workers 1968-99.

Comparing aquatic risk assessment methods for the photosynthesis-inhibiting herbicides metribuzin and metamitron.

An in vitro procedure for evaluation of early stage oxidative stress in an established fish cell line applied to investigation of PHAH and pesticide toxicity.

Combined effects of ethanol and cinnamaldehyde in the Japanese medaka embryo-larval assay (MELA).

[Toxic-effects of acetochlor, methamidophos and their combination on bacterial amount and population richness at molecular levels in agricultural black soils].

Comparative toxicity of thiobencarb and deschlorothiobencarb to rice (*Oryza sativa*).

Growth and survival of five amphibian species exposed to combinations of pesticides.

Effects of 2,4-dichlorophenoxyacetic acid exposure on dopamine D2-like receptors in rat brain.

Paraquat-induced apoptotic cell death in cerebellar granule cells.

Acute toxicity assessment of 20 herbicides to the green alga *Scenedesmus quadricauda* (Turp.) Breb.

Glyphosate herbicide formulation: a potentially lethal ingestion.

Acrolein induces axolemmal disruption, oxidative stress, and mitochondrial impairment in spinal cord tissue.

Comparative studies on the spermatotoxic effects of dinoseb and its structurally related chemicals.

Mammalian toxicology overview and human risk assessment for sulfosulfuron.

Attenuation of paraquat-induced motor behavior and neurochemical disturbances by L-valine in vivo.

Gene expression analysis of the lung following paraquat administration in rats using DNA microarray.

Novel 3,3a,5,9b-tetrahydro-2H-furo[3,2-c][2] benzopyran derivatives: synthesis of chiral glycol benzyl ether herbicides.

Low-dose agrochemicals and lawn-care pesticides induce developmental toxicity in murine preimplantation embryos.

Cancer mortality in a cohort of licensed herbicide applicators.

Herbicide exposure and the risk of transitional cell carcinoma of the urinary bladder in Scottish Terriers.

Evaluation of lethality and genotoxicity in the freshwater mussel *Utterbackia imbecillis* (Bivalvia: Unionidae) exposed singly and in combination to chemicals used in lawn care.

Comparative toxicity of glyphosate-based herbicides: aqueous and sediment porewater exposures.

Toxicity of atrazine and molinate to the cladoceran *Daphnia carinata* and the effect of river water and bottom sediment on their bioavailability.

Glyphosate-based pesticides affect cell cycle regulation.

Acute upper-airway obstruction in a two-year-old child who ingested an herbicide preparation.

Chemical and biomonitoring to assess potential acute effects of Vision herbicide on native amphibian larvae in forest wetlands.

Itraconazole-induced acute hepatitis in an agricultural worker: susceptibility or drug interaction?

Association between Agent Orange and prostate cancer: a pilot case-control study.

Studies on lethal concentrations and toxicity stress of some xenobiotics on aquatic organisms.

Toxicity of a mixture of 2,4-dichlorophenoxyacetic acid and monosodium methanearsonate to the red swamp crawfish, *Procambarus clarkii*.

Biotransformation of chlorpropham (CIPC) in isolated rat hepatocytes and xenoestrogenic activity of CIPC and its metabolites by in vitro assays.

Overexpression of the small mitochondrial Hsp22 extends *Drosophila* life span and increases resistance to oxidative stress.

Chlorpyrifos induces apoptosis in rat cortical neurons that is regulated by a balance between p38 and ERK/JNK MAP kinases.

Catalase transgenic mice: characterization and sensitivity to oxidative stress.

NTP toxicology and carcinogenesis studies of trans-cinnamaldehyde (CAS No. 14371-10-9) in F344/N rats and B6C3F1 mice (feed studies).

Proteomic analysis of oxidative stress-resistant cells: a specific role for aldose reductase overexpression in cytoprotection.

A physiological and morphological study on the injury caused by exposure to the air pollutant, peroxyacetyl nitrate (PAN), based on the quantitative assessment of the injury.

15-deoxy prostaglandin J2 enhances allyl alcohol-induced toxicity in rat hepatocytes.

Effects of chronic alcohol consumption on dermal penetration of pesticides in rats.

Evaluation of the genotoxicity of four herbicides in the wing spot test of *Drosophila melanogaster* using two different strains.

Physiologically based pharmacokinetic modeling of arsenic in the mouse.

alpha-Synuclein selectively increases manganese-induced viability loss in SK-N-MC neuroblastoma cells expressing the human dopamine transporter.

Multiple medical problems following agent orange exposure.

Glyphosate poisoning.

Effect of different chemical and mechanical defoliation methods on the skin quality of potatoes.

Differences in responses of plant hairy roots to chemical toxicity compared between primary and ramified roots.

Assessing possible exposures of ground troops to Agent Orange during the Vietnam War: the use of contemporary military records.

Poisoning due to chlorophenoxy herbicides.

External Qi therapy to treat symptoms of Agent Orange Sequelae in Korean combat veterans of the Vietnam War.

Alpha and beta estradiol protect neuronal but not native PC12 cells from paraquat-induced oxidative stress.

Developmental arrest in Japanese medaka (*Oryzias latipes*) embryos exposed to sublethal concentrations of atrazine and arsenic trioxide.

[Poisoning caused by chemicals for plant protection in Poland in 2002].

The involvement of p53 in paraquat-induced apoptosis in human lung epithelial-like cells.

[A case of acute poisoning caused by the inhalation of a nonselective herbicide REBIN GT SC (butafenacil and glyphosate isopropylamine)].

Efficient in vitro paraquat removal via irreversible immobilization into zeolite particles.

[Status of the buccal mucosa in subjects occupationally exposed to chlorophenoxyherbicides].

Protective role of metallothionein (I/II) against pathological damage and apoptosis induced by dimethylarsinic acid.

Antioxidants effectively prevent oxidation-induced protein damage in OLN 93 cells.

A generational study of glyphosate-tolerant soybeans on mouse fetal, postnatal, pubertal and adult testicular development.

The cytotoxic activity of lactoperoxidase: enhancement and inhibition by neuroactive compounds.

Doxycycline-regulated over-expression of hsp22 has negative effects on stress resistance and life span in adult *Drosophila melanogaster*.

The effect of macromolecular crowding on protein aggregation and amyloid fibril formation.

Vanin-1-/- mice exhibit a glutathione-mediated tissue resistance to oxidative stress.

Possible mechanism for medial smooth muscle cell injury in diabetic nephropathy: glycooxidation-mediated local complement activation.

Important role of striatal catalase in aging- and reserpine-induced oral dyskinesia.

Albumin-bound polyacrolein: implications for Alzheimer's disease.

A balanced technique for preparation of specimens from pathogenicity studies for scanning electron microscopy.

Multiple deficiencies in antioxidant enzymes in mice result in a compound increase in sensitivity to oxidative stress.

Impairment of the transcriptional responses to oxidative stress in the heart of aged C57BL/6 mice.

Activities of UDP-glucuronyltransferase, beta-glucuronidase and deiodinase types I and II in hyper- and hypothyroid rats.

Possible enhancing effects of atrazine and nonylphenol on 7,12-dimethylbenz[a]anthracene-induced mammary tumor development in human c-Ha-ras proto-oncogene transgenic rats.

Modulation of phospholipid asymmetry in synaptosomal membranes by the lipid peroxidation products, 4-hydroxynonenal and acrolein: implications for Alzheimer's disease.

Alpha-synuclein up-regulation and aggregation during MPP⁺-induced apoptosis in neuroblastoma cells: intermediacy of transferrin receptor iron and hydrogen peroxide.

Decreasing glutamate buffering capacity triggers oxidative stress and neuropil degeneration in the *Drosophila* brain.

Inducible superoxide dismutase 1 aggregation in transgenic amyotrophic lateral sclerosis mouse fibroblasts.

The vagus and recurrent laryngeal nerves in experimental congenital diaphragmatic hernia.

Protein adduct-trapping by hydrazinophthalazine drugs: mechanisms of cytoprotection against acrolein-mediated toxicity.

Resistance of mitochondrial DNA-depleted cells against cell death: role of mitochondrial superoxide dismutase.

2'-benzoyloxycinnamaldehyde induces apoptosis in human carcinoma via reactive oxygen species.

Cancer incidence among pesticide applicators exposed to alachlor in the Agricultural Health Study.

A fetal risk factor for Parkinson's disease.

Acetaldehyde accumulation suppresses Kupffer cell release of TNF-Alpha and modifies acute hepatic inflammation in rats.

Arsenic speciation in urine from acute promyelocytic leukemia patients undergoing arsenic trioxide treatment.

Transgenic mice overexpressing glutathione peroxidase 4 are protected against oxidative stress-induced apoptosis.

Bcl-2 family members localize to tobacco chloroplasts and inhibit programmed cell death induced by chloroplast-targeted herbicides.

Coordination of oxidized protein hydrolase and the proteasome in the clearance of cytotoxic denatured proteins.

Concentration of TBA-reactive substances in type II pneumocytes exposed to oxidative stress.

Verification of performance with the automated direct optical TIRF immunosensor (River Analyser) in single and multi-analyte assays with real water samples.

Time course of respiratory mechanics and pulmonary structural remodelling in acute lung injury.

Serofendic acid, a sulfur-containing diterpenoid derived from fetal calf serum, attenuates reactive oxygen species-induced oxidative stress in cultured striatal neurons.

Aminomethylphosphonic acid, a metabolite of glyphosate, causes injury in glyphosate-treated, glyphosate-resistant soybean.

Early differential gene expression of rat lung after exposure to paraquat.

A *Neisseria gonorrhoeae* catalase mutant is more sensitive to hydrogen peroxide and paraquat, an inducer of toxic oxygen radicals.

Distinct roles of c-Abl and Atm in oxidative stress response are mediated by protein kinase C delta.

A review of the enzymology of arsenic metabolism and a new potential role of hydrogen peroxide in the detoxication of the trivalent arsenic species.

Catalase-independent early-gene expression in rat brain following acute ethanol exposure.

Oxidative stress in neonates: evaluation using specific biomarkers.

Influence of vitamin E, sodium selenite, and astrocyte-conditioned medium on neuronal survival after chronic exposure to ethanol.

Contamination of honey by the herbicide asulam and its antibacterial active metabolite sulfanilamide.

Molecular determinants of differential pore blocking of kidney CLC-K chloride channels.

Arabidopsis thaliana plants overexpressing thylakoidal ascorbate peroxidase show increased resistance to Paraquat-induced photooxidative stress and to nitric oxide-induced cell death.

Stable compounds of cigarette smoke induce endothelial superoxide anion production via NADPH oxidase activation.

Evidence that atrazine and diaminochlorotriazine inhibit the estrogen/progesterone induced surge of luteinizing hormone in female Sprague-Dawley rats without changing estrogen receptor action.

Proteasome mediates dopaminergic neuronal degeneration, and its inhibition causes alpha-synuclein inclusions.

Ethanol but not acetaldehyde induced changes in brain taurine: a microdialysis study.

An endogenous metabolite of dopamine, 3,4-dihydroxyphenylethanol, acts as a unique cytoprotective agent against oxidative stress-induced injury.

Simultaneous multi-analyte determination of estrone, isoproturon and atrazine in natural waters by the River ANALyser (RIANA), an optical immunosensor.

Signatures of cinnamyl alcohol dehydrogenase deficiency in poplar lignins.

[Techniques of diseases, insect pests and weeds control and their efficacy in bio-rational rice production].

Inhibition of cardiac myocyte contraction by 4-hydroxy-trans-2-nonenal.

Hematoporphyrin monomethyl ether photodynamic damage on HeLa cells by means of reactive oxygen species production and cytosolic free calcium concentration elevation.

Determination of uric acid in human saliva by capillary electrophoresis with electrochemical detection: potential application in fast diagnosis of gout.

2,3,7,8-TCDD effects on visual structure and function in swim-up rainbow trout.

New-onset asthma associated with exposure to 3-amino-5-mercapto-1,2,4-triazole.

Acute pesticide poisoning related deaths in Turkey.

Impairment of small intestinal protein assimilation in patients with end-stage renal disease: extending the malnutrition-inflammation-atherosclerosis concept.

Biosynthesis of FVIII in megakaryocytic cells: improved production and biochemical characterization.

Immunostimulating properties of intragastrically administered Acetobacter-derived soluble branched (1,4)-beta-D-glucans decrease murine susceptibility to *Listeria monocytogenes*.

Brown spots in the bowel.

Environmental factors and Parkinson's disease: a case-control study in the Tuscany region of Italy.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces suppressor of cytokine signaling 2 in murine B cells.

Chronic beta-adrenoreceptor activation increases cardiac cavity size through chamber remodeling and not via modifications in myocardial material properties.

[Treatment of disorders of iron metabolism].

Arsenic exposure exacerbates atherosclerotic plaque formation and increases nitrotyrosine and leukotriene biosynthesis.

Antigenotoxic potential of glucomannan on four model test systems.

Iron amino acid chelates.

The potential role of NaFeEDTA as an iron fortificant.

Enhancing the absorption of fortification iron. A SUSTAIN Task Force report.

Comparative sensitivity of *Xenopus tropicalis* and *Xenopus laevis* as test species for the FETAX model.

Effects of separate delivery of zinc or zinc and vitamin A on hemoglobin response, growth, and diarrhea in young Peruvian children receiving iron therapy for anemia.

Role of intracellular calcium in acute thermal pain perception.

Review of clinical and toxicological features of acute pesticide poisonings in Crete (Greece) during the period 1991-2001.

Pathogenesis of collagen-induced arthritis: modulation of disease by arthritogenic T-cell epitope location.

Comparative analysis of *Clostridium difficile* clinical isolates belonging to different genetic lineages and time periods.

Design and synthesis of highly potent and selective (2-arylcarbamoyl-phenoxy)-acetic acid inhibitors of aldose reductase for treatment of chronic diabetic complications.

Mitochondria-derived oxidative stress induces a heat shock protein response.

Effects of TGF-beta, TNF-alpha, IL-beta and IL-6 alone or in combination, and tyrosine kinase inhibitor on cyclooxygenase expression, prostaglandin E2 production and bone resorption in mouse calvarial bone cells.

Oral and dermal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces cutaneous papillomas and squamous cell carcinomas in female hemizygous Tg.AC transgenic mice.

The induction of cell cycle regulatory and DNA repair proteins in cisplatin-induced acute renal failure.

Effect of ryanodine receptor mutations on interleukin-6 release and intracellular calcium homeostasis in human myotubes from malignant hyperthermia-susceptible individuals and patients affected by central core disease.

Heparanase uptake is mediated by cell membrane heparan sulfate proteoglycans.

The mitochondrial uncoupling agent 2,4-dinitrophenol improves mitochondrial function, attenuates oxidative damage, and increases white matter sparing in the contused spinal cord.

[Toxicological analyses over the past five years at a single institution].

The putative glutamate receptor 1.1 (AtGLR1.1) in *Arabidopsis thaliana* regulates abscisic acid biosynthesis and signaling to control development and water loss.

Feasibility of "directly observed home-based twice-daily iron therapy" (DOHBIT) for management of anemia in rural patients: a pilot study.

The effects of short-term iron supplementation on iron status in infants in malaria-endemic areas.

A randomized comparison of two anemia treatment regimens in Tanzanian children.

Efficacy of daily vs. weekly supplementation of iron in schoolchildren with low iron status.

Classic toxin-induced animal models of Parkinson's disease: 6-OHDA and MPTP.

Dying to be thin: a dinitrophenol related fatality.

Association of male infertility with Pro185Ala polymorphism in the aryl hydrocarbon receptor repressor gene: implication for the susceptibility to dioxins.

Iron absorption by heterozygous carriers of the HFE C282Y mutation associated with hemochromatosis.

Women and omega-3 Fatty acids.

The expression of P-glycoprotein in AML cells with FLT3 internal tandem duplications is associated with reduced apoptosis in response to FLT3 inhibitors.

Adult 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure and effects on male reproductive organs in three differentially TCDD-susceptible rat lines.

Lack of effects of postnatal exposure to a mixture of aryl hydrocarbon-receptor agonists on the development of methylnitrosourea-induced mammary tumors in sprague-dawley rats.

A chronic Alzheimer's model evoked by mitochondrial poison sodium azide for pharmacological investigations.

Significant association between nonsyndromic oral clefts and arylhydrocarbon receptor nuclear translocator (ARNT).

Protective activity of hesperidin and lipoic acid against sodium arsenite acute toxicity in mice.

Protective effects of vitamin A and vitamin E succinate against 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced body wasting, hepatomegaly, thymic atrophy, production of reactive oxygen species and DNA damage in C57BL/6J mice.

Response of soluble transferrin receptor and iron-related parameters to iron supplementation in elite, iron-depleted, nonanemic female athletes.

Developmental dental aberrations after the dioxin accident in Seveso.

Reduction of the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice using an antiulcer drug, geranylgeranylacetone.

Agricultural pesticide use and adenocarcinomas of the stomach and oesophagus.

Trichothiodystrophy: quantification of cysteine in human hair and nails by application of sodium azide-dependent oxidation to cysteic acid.

Chronic inorganic arsenic exposure induces hepatic global and individual gene hypomethylation: implications for arsenic hepatocarcinogenesis.

Metabonomic investigations in mice infected with *Schistosoma mansoni*: an approach for biomarker identification.

Overexpression of collagenase 1 (MMP-1) is mediated by the ERK pathway in invasive melanoma cells: role of BRAF mutation and fibroblast growth factor signaling.

Molecular mechanisms of alcoholic fatty liver: role of sterol regulatory element-binding proteins.

[Synthesis and antitumor activity of 20-O-linked camptothecin ester derivatives].

The modulation of radiation-induced cell death by genistein in K562 cells: activation of thymidine kinase 1.

Male reproductive toxicity of sodium arsenite in mice.

Daily iron supplementation versus intermittent dose.

The accumulation and toxicity of methylated arsenicals in endothelial cells: important roles of thiol compounds.

Arsenic and urinary bladder cell proliferation.

Animal models for arsenic carcinogenesis: inorganic arsenic is a transplacental carcinogen in mice.

Understanding arsenic carcinogenicity by the use of animal models.

Removal of the protein-bound solute p-cresol by convective transport: a randomized crossover study.

The topical application of 2,3,7,8-tetrachlorodibenzo-p-dioxin lacks skin tumor-promoting potency but induces hepatic injury and tumor necrosis factor-alpha expression in ICR male mice.

Combined effects of Matrigel and growth factors on maintaining undifferentiated murine embryonic stem cells for embryotoxicity testing.

Mechanism of hepatic insulin resistance in non-alcoholic fatty liver disease.

In utero effects of chemicals on reproductive tissues in females.

Dioxin alters the human low-density and very low-density lipoprotein structure with evidence for specific quenching of Trp-48 in apolipoprotein C-II.

[Bronchial impairment of main bronchus by aspiration of ferrous sulphate tablet].

[Toxicological significance of metallothionein on environmental harmful factors: verification and suggestions from a metallothionein-I/II null mouse model study].

4-chloro-m-cresol cannot detect malignant hyperthermia equivocal cells in an alternative minimally invasive diagnostic test of malignant hyperthermia susceptibility.

Neuromuscular electric stimulation enhances endothelial vascular control and hemodynamic function in paretic upper extremities of patients with stroke.

Contaminant effects on the teleost fish thyroid.

The relationship of diaphragmatic defect, liver growth, and lung hypoplasia in nitrofen-induced congenital diaphragmatic hernia in the rat.

Intravesical resiniferatoxin decreases spinal c-fos expression and increases bladder volume to reflex micturition in rats with chronic inflamed urinary bladders.

Pulmonary vascular morphology in a fetal rabbit model for congenital diaphragmatic hernia.

P-cresol, a uremic retention solute, alters the endothelial barrier function in vitro.

Helicobacter pylori infection, iron absorption, and gastric acid secretion in Bangladeshi children.

Functional characterization of malignant hyperthermia-associated RyR1 mutations in exon 44, using the human myotube model.

Modeling of methyl isothiocyanate air concentrations associated with community illnesses following a metam-sodium sprinkler application.

Pattern of male reproductive system effects after in utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure in three differentially TCDD-sensitive rat lines.

Expression of hypothalamic neuropeptides after acute TCDD treatment and distribution of Ah receptor repressor.

SUR2A C-terminal fragments reduce KATP currents and ischaemic tolerance of rat cardiac myocytes.

Endocrine disrupting pesticides: a leading cause of cancer among rural people in Pakistan.

Branch retinal artery occlusion: a complication of iron-deficiency anemia in a young adult with a rectal carcinoid.

Association of pesticide exposure with neurologic dysfunction and disease.

Warm or cold ischemia in animal models of lung ischemia-reperfusion injury: is there a difference?

VEGF expression is downregulated in nitrofen-induced congenital diaphragmatic hernia.

Exocrine pancreatic pathology in female Harlan Sprague-Dawley rats after chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and dioxin-like compounds.

Ferrous sulfate does not affect mycophenolic acid pharmacokinetics in kidney transplant patients.

Fibroblast growth-stimulating activity of S100A9 (MRP-14).

Consideration of cultural and lifestyle factors in defining susceptible populations for environmental disease.

Mechanisms underlying arsenic carcinogenesis: hypersensitivity of mice exposed to inorganic arsenic during gestation.

Environmental contaminant-mixture effects on CNS development, plasticity, and behavior.

Minocycline up-regulates Bcl-2 and protects against cell death in mitochondria.

The dioxin-like pollutant PCB 126 (3,3',4,4',5-pentachlorobiphenyl) affects risk factors for cardiovascular disease in female rats.

Effects of epidermal growth factor receptor deficiency and 2,3,7,8-tetrachlorodibenzo-p-dioxin on fetal development in mice.

Expression of immunogenic VP2 protein of infectious bursal disease virus in *Arabidopsis thaliana*.

Cytotoxic effects of environmentally relevant chlorophenols on L929 cells and their mechanisms.

Risk of adverse reproductive outcomes associated with proximity to municipal solid waste incinerators with high dioxin emission levels in Japan.

[The effectiveness of three regimens using ferrous sulfate to treat anemia in pregnant women].

NTP toxicology and carcinogenesis studies of triethanolamine (Cas No. 102-71-6) in B6C3F1 mice (dermal studies).

Protective effect of N-acetylcysteine against arsenic-induced depletion in vivo of carbohydrate.

Hypothermia and localized cold injuries.

Pulmonary elastin expression is decreased in the nitrofen-induced rat model of congenital diaphragmatic hernia.

Effect of sodium arsenite on peripheral lymphocytes in vitro: individual susceptibility among a population exposed to arsenic through the drinking water.

Cyp1a1(-/-) male mice: protection against high-dose TCDD-induced lethality and wasting syndrome, and resistance to intrahepatocyte lipid accumulation and uroporphyrin.

BMK1 is activated in glomeruli of diabetic rats and in mesangial cells by high glucose conditions.

Ischemia/reperfusion induces the recruitment of leukocytes from whole blood under flow conditions.

Drosophila parkin mutants have decreased mass and cell size and increased sensitivity to oxygen radical stress.

Herbimycin A inhibits angiogenic activity in endothelial cells and reduces neovascularization in a rat model of retinopathy of prematurity.

Protective effect of methionine supplementation on arsenic-induced alteration of glucose homeostasis.

Synergistic effect of cigarette smoke and saliva on lymphocytes--the mediatory role of volatile aldehydes and redox active iron and the possible implications for oral cancer.

Nitric oxide donor increases osteoprotegerin production and osteoclastogenesis inhibitory activity in bone marrow stromal cells from ovariectomized rats.

Reductions in the incidence of nitrofen-induced diaphragmatic hernia by vitamin A and retinoic acid.

Dioxin-like compounds and endometriosis: a study on Italian and Belgian women of reproductive age.

Crystal structure of protoporphyrinogen IX oxidase: a key enzyme in haem and chlorophyll biosynthesis.

First evidence of endocrine disruption in feral carp from the Ebro River.

Transient mitochondrial permeability transition pore opening mediates preconditioning-induced protection.

Limited effect of selected organic pollutants on cytokine production by peripheral blood leukocytes.

Fatal poisoning in Jamaica: a coroner's autopsy study from the University Hospital of the West Indies.

Epidemiologic characteristics of death by poisoning in 1991-2001 in Korea.

Oxygen-regulated expression of the RNA-binding proteins RBM3 and CIRP by a HIF-1-independent mechanism.

Agricultural pesticide use, familial cancer, and risk of non-Hodgkin lymphoma.

Arsenic-induced enhancement of ultraviolet radiation carcinogenesis in mouse skin: a dose-response study.

How environmental hazards in childhood have been discovered: carcinogens, teratogens, neurotoxicants, and others.

Treating obesity: pharmacology of energy expenditure.

Postnatal development of resistance to short-term high-dose toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in TCDD-resistant and -semiresistant rats.

Testosterone-stimulated weanlings as an alternative to castrated male rats in the Hershberger anti-androgen assay.

Hypothermia augments reactive oxygen species detected in the guinea pig isolated perfused heart.

Decreased expression of voltage-gated K⁺ channels in pulmonary artery smooth muscles cells in nitrofen-induced congenital diaphragmatic hernia in rats.

Glioma cell antioxidant capacity relative to reactive oxygen species produced by dopamine.

Role of oxidative damage in Friedreich's ataxia.

Histological and lipid peroxidation changes after administration of 2-acetylaminofluorene in a rat liver injury model following selective periportal and pericentral damage.

In utero pesticide exposure, maternal paraoxonase activity, and head circumference.

Rat models of dementia based on reductions in regional glucose metabolism, cerebral blood flow and cytochrome oxidase activity.

Epithelia under metabolic stress perceive commensal bacteria as a threat.

An NADPH quinone reductase of *Helicobacter pylori* plays an important role in oxidative stress resistance and host colonization.

Mechanisms of ischemic brain injury.

Water permeability and TCDD-induced edema in zebrafish early-life stages.

Modulation of AhR-mediated CYP1A1 mRNA and EROD activities by 17beta-estradiol and dexamethasone in TCDD-induced H411E cells.

Arsenic-induced DNA hypomethylation affects chromosomal instability in mammalian cells.

Geldanamycin and herbimycin A induce apoptotic killing of B chronic lymphocytic leukemia cells and augment the cells' sensitivity to cytotoxic drugs.

Role of capsaicin-sensitive afferent nerves in different models of gastric inflammation in rats.

Multiple risk factors for Parkinson's disease.

Intra-strain dioxin sensitivity and morphometric effects in swim-up rainbow trout (*Oncorhynchus mykiss*).

[Study on a new antarthritic injection--O-carboxymethyl chitosan].

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on fatty acid availability and neural tube formation in cynomolgus macaque, *Macaca fascicularis*.

Effect of dietary mannanoligosaccharide and sodium chlorate on the growth performance, acute-phase response, and bacterial shedding of weaned pigs challenged with *Salmonella enterica* serotype Typhimurium.

The nematode *Caenorhabditis elegans* as a model of organophosphate-induced mammalian neurotoxicity.

Protective effects of ursodeoxycholic acid against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced testicular damage in mice.

Pharmacologic evidence for a parasympathetic role in seizure-induced neurocardiac regulatory abnormalities.

Effects of odd-numbered medium-chain fatty acids on the accumulation of long-chain 3-hydroxy-fatty acids in long-chain L-3-hydroxyacyl CoA dehydrogenase and mitochondrial trifunctional protein deficient skin fibroblasts.

Burn injuries resulting from (accidental) airbag inflation.

Endogenous mitochondrial oxidative stress: neurodegeneration, proteomic analysis, specific respiratory chain defects, and efficacious antioxidant therapy in superoxide dismutase 2 null mice.

The uremic solutes p-cresol and indoxyl sulfate inhibit endothelial proliferation and wound repair.

The expression of DJ-1 (PARK7) in normal human CNS and idiopathic Parkinson's disease.

Sodium-azide versus ProClin 300: influence on the morphology of UHMWPE particles generated in laboratory tests.

A comparison of human H295R and rat R2C cell lines as in vitro screening tools for effects on aromatase.

Comparison of the hemolytic activity of isopropoxyethanol and phenoxyethanol.

Neurotoxins and neurotoxic species implicated in neurodegeneration.

Fab antibody fragments: some applications in clinical toxicology.

Effects of airbag deployment: lesions, epidemiology, and management.

Liquid growth hormone: preservatives and buffers.

Treatment of iron deficiency anemia with Ferro-Folgamma.

[Severe toxic liver failure after acute poisoning with paracetamol, ferrous sulphate and naproxen].

The modulatory effects of ellagic acid and vitamin E succinate on TCDD-induced oxidative stress in different brain regions of rats after subchronic exposure.

Antibodies against the CB10 fragment of type II collagen in rheumatoid arthritis.

[Ferro-Folgamma--a drug for treatment and prophylaxis of iron deficiency anemia in pregnant women].

[Dioxin and health--from molecular biology to preventive care].

[Ferro-Folgamma--a drug for treatment and prophylaxis of iron deficiency anemia in pregnant women].

Pesticide exposure in dwellings near bulb growing fields in The Netherlands: an explorative study.

Combined osmotic fragility and dichlorophenol-indolphenol test for hemoglobin disorder screening in Thai pregnant subjects: an appraisal.

Coronary artery bypass grafting in a dialysis-dependent Jehovah's Witness.

[Hygienic standards of the occupational air quality established by the Experts on Chemical Agents, 2002].

Detection of *Erysipelothrix rhusiopathiae* in clinical and environmental samples.

Combined devascularization and proximal splenorenal shunt: is this a better option than either procedure alone?

Acute poisoning in children. Cases hospitalized during a three-year period in Trinidad.

Acute columnaris infection in channel catfish, *Ictalurus punctatus* (Rafinesque): efficacy of practical treatments for warmwater aquaculture ponds.

Treatment of anaemia after joint replacement. A double-blind, randomised, controlled trial of ferrous sulphate versus placebo.

Stimulation of NHE3 in OKP cells by an autocrine mechanism.

Metallic taste and retronasal smell.

The link between exposure to dioxin and endometriosis: a critical reappraisal of primate data.

Characterization of two lipoproteins in *Pasteurella multocida*.

The drug salicylamide is an antagonist of the aryl hydrocarbon receptor that inhibits signal transduction induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Metabolic activation of polycyclic aromatic hydrocarbons to carcinogens by cytochromes P450 1A1 and 1B1.

Follicular epithelial cell hypertrophy induced by chronic oral administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Harlan Sprague-Dawley rats.

Iron supplementation does not affect the susceptibility of LDL to oxidative modification in women with low iron status.

Effect of epidermal growth factor on pulmonary hypoplasia in experimental diaphragmatic hernia.

Nitrofen-induced congenital diaphragmatic hernia in rat embryo: what model?

Role of aryl hydrocarbon receptor in mesencephalic circulation failure and apoptosis in zebrafish embryos exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Mutational analysis of putative calcium binding motifs within the skeletal ryanodine receptor isoform, RyR1.

Antioxidant activity and neuroprotective effects of zolpidem and several synthesis intermediates.

Disruption of rapid, nongenomic steroid actions by environmental chemicals: interference with progestin stimulation of sperm motility in Atlantic croaker.

Comparison between exhaled and sputum oxidative stress biomarkers in chronic airway inflammation.

A tracer study with systemically and locally administered dinitrophenylated osteopontin.

A plant type 2 metallothionein (MT) from cork tissue responds to oxidative stress.

EGR1 is a novel target for AhR agonists in human lung epithelial cells.

Liver regeneration: a critical toxicodynamic response in predictive toxicology.

Toxicity assessment of complex mixtures remains a goal.

Chronic dietary risk for pesticide residues in food in Brazil: an update.

[Effects of cytokinin preparations on the stability of the photosynthetic apparatus of two wheat cultivars under water deficiency].

Subchronic exposure to TCDD, PeCDF, PCB126, and PCB153: effect on hepatic gene expression.

Potential roles of the aryl hydrocarbon receptor in female reproductive senescence.

Alpha-tocotrienol provides the most potent neuroprotection among vitamin E analogs on cultured striatal neurons.

A proteasomal stress response: pre-treatment with proteasome inhibitors increases proteasome activity and reduces neuronal vulnerability to oxidative injury.

BRCA1 induces antioxidant gene expression and resistance to oxidative stress.

Menadione reduces rotenone-induced cell death in cerebellar granule neurons.

Root growth inhibition by aluminum is probably caused by cell death due to peroxidase-mediated hydrogen peroxide production.

Overexpression of short heterodimer partner recovers impaired glucose-stimulated insulin secretion of pancreatic beta-cells overexpressing UCP2.

Zonal ablation of the olfactory sensory neuroepithelium of the mouse: effects on odorant detection.

1,2-dichlorobenzene marine risk assessment with special reference to the OSPARCOM region: North Sea.

Matrix metalloproteinase-1 and tissue inhibitor of metalloproteinase-1 production in human gingival fibroblasts: the role of protein kinase C.

C-reactive protein-induced in vitro vasorelaxation is an artefact caused by the presence of sodium azide in commercial preparations.

Prolonged exercise to fatigue in humans impairs skeletal muscle Na⁺-K⁺-ATPase activity, sarcoplasmic reticulum Ca²⁺ release, and Ca²⁺ uptake.

Redox modulation of chromatin remodeling: impact on histone acetylation and deacetylation, NF- κ B and pro-inflammatory gene expression.

Response characteristics of an aquatic biomonitor used for rapid toxicity detection.

A human umbilical cord stem cell rescue therapy in a murine model of toxic liver injury.

Air bags and the skin.

Once-weekly and 5-days a week iron supplementation differentially affect cognitive function but not school performance in Thai children.

Panax ginseng improves survival and sperm quality in guinea pigs exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Identification of the growth hormone-releasing peptide binding site in CD36: a photoaffinity cross-linking study.

p38 Mitogen-activated protein kinase mediates synergistic induction of inducible nitric-oxide synthase by lipopolysaccharide and interferon-gamma through signal transducer and activator of transcription 1 Ser727 phosphorylation in murine aortic endothelial cells.

Flow cytometry and pigment analyses as tools to investigate the toxicity of herbicides to natural phytoplankton communities.

Comparison of the cytotoxicity induced by different exposure to sodium arsenite in two fish cell lines.

Pesticide intoxications in the Centre of Portugal: three years analysis.

Effect of endocrine disrupting chemicals on lipopolysaccharide-induced tumor necrosis factor-alpha and nitric oxide production by mouse macrophages.

Sequential morphological changes of erythrocyte apoptosis in *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Effects of magnesium on matrix metalloproteinase-2 production in cultured rat cardiac fibroblasts.

Iron medication-associated gastric mucosal injury.

Spatiotemporal evidence of apoptosis-mediated ischemic injury in organotypic hippocampal slice cultures.

Neutrophils contribute to endotoxin enhancement of allyl alcohol hepatotoxicity.

Interaction between the aryl hydrocarbon receptor and retinoic acid pathways increases matrix metalloproteinase-1 expression in keratinocytes.

Effects of superoxide dismutase and polyclonal tumor necrosis factor-alpha antibodies on chloroacetate-induced cellular death and superoxide anion production by J774.A1 macrophages.

Reduction of DNA fragmentation and hydroxyl radical production by hyaluronic acid and chondroitin-4-sulphate in iron plus ascorbate-induced oxidative stress in fibroblast cultures.

Identification of a polygalacturonase as a major allergen (Pla a 2) from *Platanus acerifolia* pollen.

Platelet-derived growth factor-induced arachidonic acid release for enhancement of prostaglandin E(2) synthesis in human gingival fibroblasts pretreated with interleukin-1beta.

Evidence that inhibited prostatic epithelial bud formation in 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed C57BL/6J fetal mice is not due to interruption of androgen signaling in the urogenital sinus.

Activation of the aryl hydrocarbon receptor diminishes the memory response to homotypic influenza virus infection but does not impair host resistance.

Protein phosphatase 2A-mediated cross-talk between p38 MAPK and ERK in apoptosis of cardiac myocytes.

Environmental distribution, analysis, and toxicity of organometal(loid) compounds.

A screening-level assessment of the health risks of chronic smoke exposure for wildland firefighters.

Free radicals and brain aging.

Involvement of P-glycoprotein in the transport of saquinavir and indinavir in rat brain microvessel endothelial and microglia cell lines.

Evaluation of 5-(11)C-methyl-A-85380 as an imaging agent for PET investigations of brain nicotinic acetylcholine receptors.

Protein tyrosine kinase is expressed and regulates ROMK1 location in the cortical collecting duct.

Use of genetically manipulated Salmonella typhimurium strains to evaluate the role of sulfotransferases and acetyltransferases in nitrofen mutagenicity.

Work-related pilot fatalities in agriculture--United States, 1992-2001.

Developmental exposure to the potent aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin Impairs the cell-mediated immune response to infection with influenza a virus, but enhances elements of innate immunity.

Differential susceptibility of fish and rat liver cells to oxidative stress and cytotoxicity upon exposure to prooxidants.

Toxicity assessment of common xenobiotic compounds on municipal activated sludge: comparison between respirometry and Microtox.

Polycyclic aromatic hydrocarbons modulate cell proliferation in rat hepatic epithelial stem-like WB-F344 cells.

Src and Cas are essentially but differentially involved in angiotensin II-stimulated migration of vascular smooth muscle cells via extracellular signal-regulated kinase 1/2 and c-Jun NH2-terminal kinase activation.

Effects of chronic exposure of 2,4-dichlorophenol on the antioxidant system in liver of freshwater fish *Carassius auratus*.

A novel effect of dioxin: exposure during pregnancy severely impairs mammary gland differentiation.

Signaling cascade of ANG II-induced inhibition of alpha-MG uptake in renal proximal tubule cells.

Whole cell-enzyme hybrid amperometric biosensor for direct determination of organophosphorous nerve agents with p-nitrophenyl substituent.

Cell-based assay for the detection of chemically induced cellular stress by immortalized untransformed transgenic hepatocytes.

The zinc finger protein Zat12 is required for cytosolic ascorbate peroxidase 1 expression during oxidative stress in Arabidopsis.

Compartmental inhibition of hepatic glutathione reductase activities by 1,3-bis(2-chloroethyl)-N-nitrosourea (BCNU) in Sprague-Dawley and Fischer-344 rats.

The effect of *Smallanthus sonchifolius* leaf extracts on rat hepatic metabolism.

Polycyclic aromatic hydrocarbon increases mRNA level for interleukin 1 beta in human fibroblast-like synoviocyte line via aryl hydrocarbon receptor.

Evidence for induction of apoptosis in T cells from murine fetal thymus following perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Altered epithelial density and expansion of bulbar projections of a discrete HSP70 immunoreactive subpopulation of rat olfactory receptor neurons in reconstituting olfactory epithelium following exposure to methyl bromide.

Multipotency of purified, transplanted globose basal cells in olfactory epithelium.

A comparative study on the effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin polychlorinated biphenyl126 and estrogen in human bronchial epithelial cells.

Impact of mitochondrial inhibition on excitability and cytosolic Ca²⁺ levels in brainstem motoneurons from mouse.

[Changes of thioredoxin mRNA level in neurons with mitochondrial dysfunction insulted by H₂O₂].

Risk factors for dopaminergic neuron loss in human alpha-synuclein transgenic mice.

Formation and urinary excretion of arsenic triglutathione and methylarsenic diglutathione.

Blood saving protocol in elective total knee arthroplasty.

Physiological role of mGSTA4-4, a glutathione S-transferase metabolizing 4-hydroxynonenal: generation and analysis of mGsta4 null mouse.

Potential of carbon tetrachloride hepatotoxicity and lethality in type 2 diabetic rats.

Effects of acute postnatal exposure to 3,3',4,4'-tetrachlorobiphenyl on sperm function and hormone levels in adult rats.

Determination of phenol and o-cresol by GC/MS in a fatal poisoning case.

Ultraviolet A-induced production of matrix metalloproteinase-1 is mediated by macrophage migration inhibitory factor (MIF) in human dermal fibroblasts.

Collaborative effects of *Photobacterium* CuZn superoxide dismutase (SODs) and human AP endonuclease in DNA repair and SOD-deficient *Escherichia coli* under oxidative stress.

Odorant receptor expression patterns are restored in lesion-recovered rat olfactory epithelium.

Histological analysis of acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in zebrafish.

Complestatin prevents apoptotic cell death: inhibition of a mitochondrial caspase pathway through AKT/PKB activation.

[Prescribed and reported drug use during pregnancy].

A chronic implant to record electroretinogram, visual evoked potentials and oscillatory potentials in awake, freely moving rats for pharmacological studies.

Effect of acute exposure to arsenic on formalin-induced nociception and tramadol-mediated antinociception in mice.

Gene expression profiles of mouse aorta and cultured vascular smooth muscle cells differ widely, yet show common responses to dioxin exposure.

Development and testing of a novel biosynthesized XCell for treating chronic wounds.

Toxicity, histopathological alterations and immunohistochemical CYP1A induction in the early life stages of the seabream, *Sparus aurata*, following waterborne exposure to B(a)P and TCDD.

Xenoestrogen modulation of the immune system: effects of dichlorodiphenyltrichloroethane (DDT) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Inhalation of hazardous air pollutants from environmental tobacco smoke in US residences.

Toxicokinetic and genomic analysis of chronic arsenic exposure in multidrug-resistance *mdr1a/1b*(-/-) double knockout mice.

Enhancement of death-receptor induced caspase-8-activation in the death-inducing signalling complex by uncoupling of oxidative phosphorylation.

An assessment of the genotoxicity and human health risk of topical use of kojic acid [5-hydroxy-2-(hydroxymethyl)-4H-pyran-4-one].

Uptake and depuration of toxic halogenated aromatic hydrocarbons by the American oyster (*Crassostrea virginica*): a field study.

Induction of murine NAD(P)H:quinone oxidoreductase by 2,3,7,8-tetrachlorodibenzo-p-dioxin requires the CNC (cap 'n' collar) basic leucine zipper transcription factor Nrf2 (nuclear factor erythroid 2-related factor 2): cross-interaction between AhR (aryl hydrocarbon receptor) and Nrf2 signal transduction.

Urokinase receptor mRNA stability involves tyrosine phosphorylation in lung epithelial cells.

Reproductive and developmental effects of atrazine on the estuarine meiobenthic copepod *Amphiascus tenuiremis*.

2,4-D (chlorophenoxy) herbicide poisoning.

Effects of environmental estrogenic compounds on growth of a transplanted estrogen responsive pituitary tumor cell line in rats.

Acute, chronic and sublethal effects of the herbicide propanil on *Daphnia magna*.

Development, registration and commercialization of microbial pesticides for plant protection.

Severity assessment in acute paraquat poisoning by analysis of APACHE II score.

Chemobehavioral changes induced by short-term exposures to prochloraz, nicosulfuron, and carbofuran in goldfish.

A case of multiple skin cancers after occupational exposure to pesticides.

[Renal and hepatic failure secondary to cyanamide].

Prospects for treatment of paraquat-induced lung fibrosis with immunosuppressive drugs and the need for better prediction of outcome: a systematic review.

Developmental and subcellular effects of chronic exposure to sub-lethal concentrations of ammonia, PAH and PCP mixtures in brown trout (*Salmo trutta f. fario* L.) early life stages.

[Practical analysis of toxic substances useful for clinical toxicology-8-paraquat].

Assessing the impact of triazine herbicides on organophosphate insecticide toxicity to the earthworm *Eisenia fetida*.

Predictability of combined effects of eight chloroacetanilide herbicides on algal reproduction.

Induction of structural and numerical changes of chromosome, centrosome abnormality, multipolar spindles and multipolar division in cultured Chinese hamster V79 cells by exposure to a trivalent dimethylarsenic compound.

The Metropolitan Atlanta Congenital Defects Program: 35 years of birth defects surveillance at the Centers for Disease Control and Prevention.

Use of biosensors to screen urine samples for potentially toxic chemicals.

Caspase-3 dependent proteolytic activation of protein kinase C delta mediates and regulates 1-methyl-4-phenylpyridinium (MPP⁺)-induced apoptotic cell death in dopaminergic cells: relevance to oxidative stress in dopaminergic degeneration.

Toxic nephropathy: environmental chemicals.

Toxicity of cadmium, endosulfan, and atrazine in adrenal steroidogenic cells of two amphibian species, *Xenopus laevis* and *Rana catesbeiana*.

The environment and Parkinson's disease: is the nigrostriatal system preferentially targeted by neurotoxins?

Integrative assessment of multiple pesticides as risk factors for non-Hodgkin's lymphoma among men.

Chronic studies evaluating the carcinogenicity of monomethylarsonic acid in rats and mice.

Fatal overdose of the herbicide bentazone.

Role of chloroplast photosystems II and I in apoptosis of pea guard cells.

Comparative metabolism of 2,4-dichlorophenoxyacetic acid (2,4-D) in rat and dog.

Exposure to animals and selected risk factors among Canadian farm residents with Hodgkin's disease, multiple myeloma, or soft tissue sarcoma.

Age-related irreversible progressive nigrostriatal dopaminergic neurotoxicity in the paraquat and maneb model of the Parkinson's disease phenotype.

Biochemical and histopathological effects of glyphosate herbicide on Nile tilapia (*Oreochromis niloticus*).

Paraquat leads to dopaminergic neural vulnerability in organotypic midbrain culture.

Aquatic toxicity of glyphosate-based formulations: comparison between different organisms and the effects of environmental factors.

Contrasting effects of organic and inorganic toxicants on freshwater periphyton.

Immunotoxicological effects of Agent Orange exposure to the Vietnam War Korean veterans.

Impact of Agent Orange exposure among Korean Vietnam veterans.

Herbicide effects on embryo implantation and litter size.

Birth malformations and other adverse perinatal outcomes in four U.S. Wheat-producing states.

Toxicity of a complex mixture of atmospherically transported pesticides to *Ceriodaphnia dubia*.

Current applications of plasmapheresis in clinical toxicology.

Investigation of acute toxicity and the effect of 2,4-D (2,4-dichlorophenoxyacetic acid) herbicide on the behavior of the common carp (*Cyprinus carpio* L., 1758; Pisces, Cyprinidae).

Protective effect of 3-methyl-1-phenyl-2-pyrazolin-5-one, a free radical scavenger, on acute toxicity of paraquat in mice.

Fatal 2,4-D (ethyl ester) ingestion.

[Ginkgo biloba extract protection in acute paraquat poisoning of rat lung tissue].

Health effects on nearby residents of a wood treatment plant.

Prevention of dual promoting effects of pentachlorophenol, an environmental pollutant, on diethylnitrosamine-induced hepato- and cholangiocarcinogenesis in mice by green tea infusion.

Consecutive administration of paraquat to rats induces enhanced cholesterol peroxidation and lung injury.

Experimental hepatic uroporphyrinemia induced by the diphenyl-ether herbicide fomesafen in male DBA/2 mice.

Effects of metsulfuron methyl and cypermethrin exposure on freshwater model ecosystems.

[Correction of immunodeficiency status caused by herbicide 2,4-D in experiment].

Serum 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) levels and thyroid function in Air Force veterans of the Vietnam War.

Agent Orange: management of patients exposed in Vietnam.

Allyl alcohol activation of protein kinase C delta leads to cytotoxicity of rat hepatocytes.

Ecological risk assessment for aquatic organisms from over-water uses of glyphosate.

Acute toxicity of organic and inorganic compounds on the freshwater cyclopoid copepod *Eucyclops neumani neumani* (Pesta, 1927).

Protective effect of docosahexaenoic acid on oxidative stress-induced apoptosis of retina photoreceptors.

The teratogenic potential of the herbicide glyphosate-Roundup in Wistar rats.

Identification and quantitation of xenobiotics by ¹H NMR spectroscopy in poisoning cases.

Pesticide use among farmers in the Amazon basin of Ecuador.

MacLennan et al report on an elevated incidence of prostate cancer among workers in a triazine manufacturing plant.

Atrazine-induced hermaphroditism at 0.1 ppb in American leopard frogs (*Rana pipiens*): laboratory and field evidence.

Cancer and developmental exposure to endocrine disruptors.

Effects of L-dopa and other amino acids against paraquat-induced nigrostriatal degeneration.

Toxicity of chlorinated phenoxyacetic acid herbicides in the experimental eukaryotic model *Saccharomyces cerevisiae*: role of pH and of growth phase and size of the yeast cell population.

Mortality among triazine herbicide manufacturing workers.

Effect of the lipid peroxidation product acrolein on tau phosphorylation in neural cells.

The effects of acute pesticide exposure on neuroblastoma cells chronically exposed to diazinon.

The restriction of all minerals in the diet enhancing paraquat toxicity is regarded primarily as the shortage of Mg.

Fatal acute poisoning by bentazon.

In vitro studies on the chemical reactivity of 2,4-dichlorophenoxyacetyl-S-acyl-CoA thioester.

Comparative acute toxicity of herbicides to photosynthesis of coral zooxanthellae.

Effect of haemoperfusion on plasma paraquat concentration in vitro and in vivo.

Polyamines reduce paraquat-induced soxS and its regulon expression in *Escherichia coli*.

Serum dioxin and psychological functioning in U.S. Air Force veterans of the Vietnam War.

More evidence that herbicides feminize amphibians.

Thirty-five cases of S-carboxymethylcysteine use in paraquat poisoning.

Link found between Agent Orange and chronic lymphocytic leukaemia.

Response of larval *Xenopus laevis* to atrazine: assessment of growth, metamorphosis, and gonadal and laryngeal morphology.

Lung function and airway inflammation in rats following exposure to combustion products of carbon-graphite/epoxy composite material: comparison to a rodent model of acute lung injury.

The role of oxidative stress in paraquat-induced neurotoxicity in rats: protection by non peptidyl superoxide dismutase mimetic.

Cross resistance to ALS-inhibiting herbicides in *Euphorbia heterophylla* L. biotypes resistant to imazethapyr.

Paraquat and iron exposure as possible synergistic environmental risk factors in Parkinson's disease.

Detection and quantitation of xenobiotics in biological fluids by ¹H NMR spectroscopy.

[Comparative analysis of disorders in duodenal lymphoid tissue of mice treated with azathioprine and herbicide 2,4-dichlorophenoxyacetic acid and their correction by plant and animal origin remedies].

Pentachlorophenol poisoning.

The mitochondrial complex I inhibitor annonacin is toxic to mesencephalic dopaminergic neurons by impairment of energy metabolism.

Effect of airborne bromoxynil-octanoate and metribuzin on non-target plants.

[Poisoning caused by chemicals for plant protection in Poland in 2001].

Methylprednisolone effects on oxygenation and histology in a rat model of acute lung injury.

[The agrochemical arsenal versus the enemies of plants. General considerations].

Focal transmural necrotic tracheitis in commercial meat turkeys.

Acute fatal paraquat poisoning.

Intravenous paraquat poisoning-induced multiple organ failure and fatality--a report of two cases.

Pentachlorophenol (but not phenobarbital) promotes intrahepatic biliary cysts induced by diethylnitrosamine to cholangio cystic neoplasms in B6C3F1 mice possibly due to oxidative stress.

Comparison of cyanamide and placebo in the treatment of alcohol dependence of adolescents.

Mitochondrial complex inhibitors preferentially damage substantia nigra dopamine neurons in rat brain slices.

Ischemic insult exacerbates acrolein-induced conduction loss and axonal membrane disruption in guinea pig spinal cord white matter.

Preferential megalin-mediated transcytosis of low-homologous thyroglobulin: a control mechanism for thyroid hormone release.

Lack of modifying effects of atrazine and/or tamoxifen on thyroid carcinogenesis in rats pretreated with N-bis(2-hydroxypropyl)nitrosamine (DHPN).

Acute and chronic effects of alcohol exposure on skeletal muscle c-myc, p53, and Bcl-2 mRNA expression.

Effects of dietary folate intake and folate binding protein-1 (Folbp1) on urinary speciation of sodium arsenate in mice.

An inhibitor of mitochondrial complex I, rotenone, inactivates proteasome by oxidative modification and induces aggregation of oxidized proteins in SH-SY5Y cells.

Oral bioavailability of pentachlorophenol from soils of varying characteristics using a rat model.

Cigarette smoke triggers macrophage adhesion and activation: role of lipid peroxidation products and scavenger receptor.

Myocardial perfusion imaging versus biochemical markers in acute coronary syndromes.

Alpha-tocopherol content and alpha-tocopherol transfer protein expression in leukocytes of children with acute leukemia.

Acrolein-sequestering ability of endogenous dipeptides: characterization of carnosine and homocarnosine/acrolein adducts by electrospray ionization tandem mass spectrometry.

Formation of advanced glycosylation end products and oxidative stress in young patients with type 1 diabetes.

Differential induction of Mn-containing superoxide dismutase by paraquat in peripheral lymphocytes of normal subjects and gastric cancer patients.

Alcohol potentiates hepatitis C virus replicon expression.

Paraquat induces long-lasting dopamine overflow through the excitotoxic pathway in the striatum of freely moving rats.

Clotrimazole, ketoconazole, and clodinafop-propargyl as potent growth inhibitors of equine Babesia parasites during in vitro culture.

Increase in putrescine, amine oxidase, and acrolein in plasma of renal failure patients.

In vitro activity of dimethylarsinic acid against human leukemia and multiple myeloma cell lines.

Oxidative stress and altered antioxidant defenses in children with acute exacerbation of atopic dermatitis.

Alpha-synuclein overexpression protects against paraquat-induced neurodegeneration.

Endothelium dysfunction in LDL receptor knockout mice: a role for H₂O₂.

Impacts of glutathione peroxidase-1 knockout on the protection by injected selenium against the pro-oxidant-induced liver aponecrosis and signaling in selenium-deficient mice.

Acrolein produced from polyamines as one of the uraemic toxins.

Immediate sensory nerve-mediated respiratory responses to irritants in healthy and allergic airway-diseased mice.

Low levels of glutathione peroxidase 1 activity in selenium-deficient mouse liver affect c-Jun N-terminal kinase activation and p53 phosphorylation on Ser-15 in pro-oxidant-induced aponecrosis.

The selenoprotein GPX4 is essential for mouse development and protects from radiation and oxidative damage insults.

Cell type-specific hypersensitivity to oxidative damage in CSB and XPA mice.

Acrolein inhibits NADH-linked mitochondrial enzyme activity: implications for Alzheimer's disease.

[Occupational risk and evaluation of health damage in workers engaged in organochlorine compound production].

CYP1a1, HSP70, P53, and c-fos expression in human liver carcinoma cells (HepG2) exposed to pentachlorophenol.

The activation of the retinoic acid response element is inhibited in an animal model of congenital diaphragmatic hernia.

Multi-analyte assay for triazines using cross-reactive antibodies and neural networks.

Interactions of paraquat and triadimefon: behavioral and neurochemical effects.

Antioxidant perturbations in the olfactory mucosa of alachlor-treated rats.

p-Chlorophenoxyisobutyric acid impairs auxin response in Arabidopsis root.

Role of glutathione redox cycle and catalase in defense against oxidative stress induced by endosulfan in adrenocortical cells of rainbow trout (*Oncorhynchus mykiss*).

Current internal exposure to pesticides in children and adolescents in Germany: blood plasma levels of pentachlorophenol (PCP), lindane (gamma-HCH), and dichloro(diphenyl)ethylene (DDE), a biostable metabolite of dichloro(diphenyl)trichloroethane (DDT).

Expression of senescence-enhanced genes in response to oxidative stress.

Tissue-specific expression and localization of safener-induced glutathione S-transferase proteins in *Triticum tauschii*.

Enhancement of catalase activity by repetitive low-grade H₂O₂ exposures protects fibroblasts from subsequent stress-induced apoptosis.

Comparative toxicity of ifosfamide metabolites and protective effect of mesna and amifostine in cultured renal tubule cells.

Acrolein-induced vasomotor responses of rat aorta.

Cinnamaldehyde induces apoptosis by ROS-mediated mitochondrial permeability transition in human promyelocytic leukemia HL-60 cells.

Fatty acid profile in skeletal muscle of the rat in response to acute (2.5 hours) and prolonged (6 weeks) ethanol-dosage.

Change in the concentration of vitamins C and E in rat tissues by paraquat administration.

Clustering of microarray data reveals transcript patterns associated with somatic embryogenesis in soybean.

Increased synaptosomal dopamine content and brain concentration of paraquat produced by selective dithiocarbamates.

Formation and removal of pentachlorophenol-derived protein adducts in rodent liver under acute, multiple, and chronic dosing regimens.

Thioredoxin peroxidases can foster cytoprotection or cell death in response to different stressors: over- and under-expression of thioredoxin peroxidase in *Drosophila* cells.

Acute exposure to the nutritional toxin alcohol reduces brain protein synthesis in vivo.

Neuroprotective effects of alpha-tocopherol on oxidative stress in rat striatal cultures.

Characterization of fish Cu/Zn-superoxide dismutase and its protection from oxidative stress.

[Extracellular protein metabolite of *Luteococcus japonicus* subsp. *casei* reactivates cells subjected to oxidative stress].

The role of oxidative stress in the in vitro induction of micronuclei by pesticides in mouse lung fibroblasts.

Altered Cu metabolism and differential transcription of Cu/ZnSod genes in a Cu/ZnSOD-deficient mutant of maize: evidence for a Cu-responsive transcription factor.

Induction of cellular glutathione and glutathione S-transferase by 3H-1,2-dithiole-3-thione in rat aortic smooth muscle A10 cells: protection against acrolein-induced toxicity.

Dose-dependent biotransformation of arsenite in rats--not S-adenosylmethionine depletion impairs arsenic methylation at high dose.

Inhibition of succinic semialdehyde dehydrogenase activity by alkenal products of lipid peroxidation.

Hepatocyte metabolism of coenzyme Q1 (ubiquinone-5) to its sulfate conjugate decreases its antioxidant activity.

An *Azospirillum brasilense* Tn5 mutant with modified stress response and impaired in flocculation.

Study of atrazine effects on Pacific oyster, *Crassostrea gigas*, haemocytes.

Exposure to indoor pesticides during pregnancy in a multiethnic, urban cohort.

[Acute poisoning caused by intravenous arsenic].

Fish tolerance to organophosphate-induced oxidative stress is dependent on the glutathione metabolism and enhanced by N-acetylcysteine.

Dioxins released from incineration plants and mortality from major diseases: an analysis of statistical data by municipalities.

Downregulation of hippocampal NMDA receptor expression by prenatal exposure to dioxin.

'Iron lung': distinctive bronchoscopic features of acute iron tablet aspiration.

Reticulocyte indices rapidly reflect an increase in iron availability for erythropoiesis.

Mild hypothermia reduces expression of heat shock protein 60 in leukocytes from severely head-injured patients.

Cardiac hypertrophy in aryl hydrocarbon receptor null mice is correlated with elevated angiotensin II, endothelin-1, and mean arterial blood pressure.

Evidence for impaired assimilation of protein in chronic renal failure.

Dioxin and cancer: a critical review.

Risk factors for course of posttraumatic stress disorder among Vietnam veterans: a 14-year follow-up of American Legionnaires.

Genetic predisposition to the cytotoxicity of arsenic: the role of DNA damage and ATM.

Lack of expression of EGF and TGF- α in the fetal mouse alters formation of prostatic epithelial buds and influences the response to TCDD.

Effects of mitochondrial inhibitors and uncouplers on hypoxic vasoconstriction in rabbit lungs.

[Eggs shells intake as a form of pica].

Opposing effects of low and high-dose clozapine on survival of transgenic amyotrophic lateral sclerosis mice.

Connective molecular pathways of experimental bladder inflammation.

Experience of the small size (25 mm) Sorin Bicarbon bileaflet prosthetic valve in patients with small mitral annuli.

Effect of endodontic agents on cytotoxicity induction by sodium fluoride.

Fewer CTL, not enhanced NK cells, are sufficient for viral clearance from the lungs of immunocompromised mice.

A comparative study between intramuscular iron dextran and oral ferrous sulphate in the treatment of iron deficiency anaemia in pregnancy.

A double-masked, randomized control trial of iron supplementation in early infancy in healthy term breast-fed infants.

An unusual cause of burn injury: skin exposure to monochloroacetic acid.

Pathophysiology of the optic neuropathy associated with Friedreich ataxia.

Arsenic exposure accelerates atherogenesis in apolipoprotein E(-/-) mice.

T cell receptor transgenic mice provide novel insights into understanding cellular targets of TCDD: suppression of antibody production, but not the response of CD8(+) T cells, during infection with influenza virus.

Cell proliferation arrest within intrathymic lymphocyte progenitor cells causes thymic atrophy mediated by the aryl hydrocarbon receptor.

Measurement of plasma hydroperoxide concentration by FOX-1 assay in conjunction with triphenylphosphine.

Arsenic species contents at aquaculture farm and in farmed mouthbreeder (*Oreochromis mossambicus*) in blackfoot disease hyperendemic areas.

Role of lipid peroxidation as a mechanism of liver injury after acetaminophen overdose in mice.

Pulmonary surfactant protein A, B, and C mRNA and protein expression in the nitrofen-induced congenital diaphragmatic hernia rat model.

Unbalanced collagenases/TIMP-1 expression and epithelial apoptosis in experimental lung fibrosis.

Actin glutathionylation increases in fibroblasts of patients with Friedreich's ataxia: a potential role in the pathogenesis of the disease.

Induction of C-anaphase and diplochromosome through dysregulation of spindle assembly checkpoint by sodium arsenite in human fibroblasts.

T cell-specific disruption of arylhydrocarbon receptor nuclear translocator (Arnt) gene causes resistance to 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced thymic involution.

Cellular heparan sulfate participates in the metabolism of prions.

Systemic effects and skin injury after experimental dermal exposure to monochloroacetic acid.

Protein-bound uremic retention solutes.

Calcium release from sarcoplasmic reticulum is facilitated in human myotubes derived from carriers of the ryanodine receptor type 1 mutations Ile2182Phe and Gly2375Ala.

Useful interventions for intradialytic hypotension.

2,3,7,8-tetrachlorodibenzo-p-dioxin selectively enhances spontaneous IgE production in B cells from atopic patients.

New insights into Parkinson's disease.

Natural product origins of Hsp90 inhibitors.

Iron supplementation during pregnancy, anemia, and birth weight: a randomized controlled trial.

Comparative kinetics of the uremic toxin p-cresol versus creatinine in rats with and without renal failure.

Functional coupling between sulfonylurea receptor type 1 and a nonselective cation channel in reactive astrocytes from adult rat brain.

Effect of corticosteroid on lung parenchyma remodeling at an early phase of acute lung injury.

Policies on screening female athletes for iron deficiency in NCAA division I-A institutions.

Comparative study on the effects of ointments of tinidazole, hydrocortisone and clobetasol on animal models for inflammatory dermatitis in mice.

Mechanisms of TCDD-induced abnormalities and embryo lethality in white leghorn chickens.

[The chimerism and GVT effects on murine mini-transplantation model].

Link between agricultural pesticides and incidence of prostate cancer.

Significant issues raised by meta-analyses of cancer mortality and dioxin exposure.

Medication-induced oesophageal disorders.

Inhibition of energy metabolism down-regulates the Alzheimer related presenilin 2 gene.

Cancer risk for chemical workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Association between blood lead concentrations and body iron status in children.

Pretreatment with periodate-oxidized adenosine enhances developmental toxicity of inorganic arsenic in mice.

Attenuation of exposure-response curves in occupational cohort studies at high exposure levels.

Protective effect of fenugreek (*Trigonella foenum graecum*) seeds in experimental ethanol toxicity.

Herbimycin A attenuates apoptosis during heat stress in rats.

The effect of retinyl palmitate added to iron-fortified maize porridge on erythrocyte incorporation of iron in African children with vitamin A deficiency.

Beta-glucuronidase inhibitor tectorigenin isolated from the flower of *Pueraria thunbergiana* protects carbon tetrachloride-induced liver injury.

Protein tyrosine phosphatase 1B inhibition: opportunities and challenges.

The reliability of long-term storage of direct immunofluorescent staining slides at room temperature.

Uncoupling protein-2 prevents neuronal death and diminishes brain dysfunction after stroke and brain trauma.

Cassava cyanogens and free amino acids in raw and cooked leaves.

The Ile2453Thr mutation in the ryanodine receptor gene 1 is associated with facilitated calcium release from sarcoplasmic reticulum by 4-chloro-m-cresol in human myotubes.

Oxidative capacity in failing hearts.

MCSF expression is induced in healing myocardial infarcts and may regulate monocyte and endothelial cell phenotype.

Inhibition of NF-kappaB essentially contributes to arsenic-induced apoptosis.

S-adenosyl-L-methionine is able to reverse micronucleus formation induced by sodium arsenite and other cytoskeleton disrupting agents in cultured human cells.

Lipophilic organic compounds in lake sediment and American coot (*Fulica americana*) tissues, both affected and unaffected by avian vacuolar myelinopathy.

Critical role for microglial NADPH oxidase in rotenone-induced degeneration of dopaminergic neurons.

Evaluation of iron bioavailability from bonito dark muscle using anemic rats.

Mice with targeted mutation of peroxiredoxin 6 develop normally but are susceptible to oxidative stress.

Effect of acute exposure of sodium arsenite (Na_3AsO_3) on some haematological parameters of *Clarias batrachus* (common Indian cat fish) in vivo.

Dioxin: exposure-response analyses and risk assessment.

Short- and long-term morbidity and mortality in the population exposed to dioxin after the "Seveso accident".

Effects of iron(II) salts and iron(III) complexes on trace element status in children with iron-deficiency anemia.

Description of *Enterococcus canis* sp. nov. from dogs and reclassification of *Enterococcus porcinus* Teixeira et al. 2001 as a junior synonym of *Enterococcus villorum* Vancanneyt et al 2001.

Comparison of response between food supplemented with powdered iron and iron in syrup form for iron deficiency anemia.

Multicentre evaluation of in vitro contracture testing with bolus administration of 4-chloro-m-cresol for diagnosis of malignant hyperthermia susceptibility.

Gene expression of fibroblast growth factors 10 and 7 is downregulated in the lung of nitrofen-induced diaphragmatic hernia in rats.

Risk factors for female infertility in an agricultural region.

Role of elastin in pathologic calcification of xenograft heart valves.

Efficacy and tolerability of low-dose iron supplements during pregnancy: a randomized controlled trial.

Urinary excretion of the uraemic toxin p-cresol in the rat: contribution of glucuronidation to its metabolism.

Effects of perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on spatial and visual reversal learning in rats.

Effects of dietary habits and CYP1A1 polymorphisms on blood dioxin concentrations in Japanese men.

Polyglutamine protein aggregation and toxicity are linked to the cellular stress response.

Male reproductive hormones and thyroid function in pesticide applicators in the Red River Valley of Minnesota.

Examining the relationship between impaired host resistance and altered immune function in mice treated with TCDD.

[The encapsulation of recombinant adenovirus containing HSP70 cDNA and its oral transfection effects in the rats].

[Neuroimaging abnormalities in parkinsonism: study of five cases].

Combating iodine and iron deficiencies through the double fortification of fish sauce, mixed fish sauce, and salt brine.

Markers of genetic susceptibility in human environmental hygiene and toxicology: the role of selected CYP, NAT and GST genes.

Celecoxib inhibits proliferation and induces apoptosis via prostaglandin E2 pathway in human cholangiocarcinoma cell lines.

Effect of twice weekly versus daily iron treatment in Turkish children with iron deficiency anemia.

Expression and activity of matrix metallo proteinases 2 and 9 and their inhibitors in rat lungs during the perinatal period and in diaphragmatic hernia.

Protective effect of melatonin against mitochondrial injury induced by ischemia and reperfusion of rat liver.

Globose basal cells are required for reconstitution of olfactory epithelium after methyl bromide lesion.

Induction of cytochrome P450 1A is required for circulation failure and edema by 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish.

Environmental dioxins and endometriosis.

[Effects of dioxins on the reproduction and development in mammals and the mechanism: up-to-date progress of study].

Facioscapulohumeral muscular dystrophy (FSHD) myoblasts demonstrate increased susceptibility to oxidative stress.

Human health effects of sodium azide exposure: a literature review and analysis.

Heat shock protein (HSP72) and p38 MAPK involvement in sublethal hemorrhage (SLH)-induced tolerance.

Effects of agricultural pesticides on the immune system of *Rana pipiens* and on its resistance to parasitic infection.

Use of agricultural pesticides and prostate cancer risk in the Agricultural Health Study cohort.

Health impacts of pesticide exposure in a cohort of outdoor workers.

The adrenal cortex in experimental congenital diaphragmatic hernia.

GVS-111 prevents oxidative damage and apoptosis in normal and Down's syndrome human cortical neurons.

Rat thyroid hyperplasia induced by gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Human RPE-monocyte co-culture induces chemokine gene expression through activation of MAPK and NIK cascade.

Etiology of congenital diaphragmatic hernia: the retinoid hypothesis.

Airway smooth muscle changes in the nitrofen-induced congenital diaphragmatic hernia rat model.

Cases of fatal poisoning in post-mortem examinations at the Institute of Forensic Medicine in Greifswald--analysis of five decades of post-mortems.

Methylated metabolites of arsenic trioxide are more potent than arsenic trioxide as apoptotic but not differentiation inducers in leukemia and lymphoma cells.

Effect of low dose mono-ortho 2,3',4,4',5 pentachlorobiphenyl on thyroid hormone status and EROD activity in rat offspring: consequences for risk assessment.

Evidence for a role of protein tyrosine kinases in cell death induced by gp120 in CHP100 neuroblastoma cells.

The aryl hydrocarbon receptor and its xenobiotic ligands: a fundamental trigger for cardiovascular diseases.

Do we need daily iron supplementation? Comments and controversies.

Preventive strategy to control iron deficiency anemia in children and adults.

Iron deficiency anemia: preventive strategies and controversies.

Validation of the chloramine-T induced oxidation of human serum albumin as a model for oxidative damage in vivo.

Effect of occupational exposures on male fertility: literature review.

Matrix metalloproteinase-9 and tissue inhibitor of metalloproteinase-1: expression in the lung of fetal rats with nitrofen-induced diaphragmatic hernia.

Evidence of oxidative stress in familial amyloidotic polyneuropathy type 1.

Low concentrations of arsenic induce vascular endothelial growth factor and nitric oxide release and stimulate angiogenesis in vitro.

A neuropsychotoxicological assessment of workers in a sodium azide production plant.

The induction of heat shock protein-72 attenuates cisplatin-induced acute renal failure in rats.

Functional alterations in CD11b(+)Gr-1(+) cells in mice injected with allogeneic tumor cells and treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Environmental estrogens alter early development in *Xenopus laevis*.

Toxicokinetics of DL-glufosinate enantiomer in human BASTA poisoning.

Esophageal injury as a result of ingestion of iron tablets.

Tropical chronic pancreatitis: an update.

Studies on dialysate mixing in the Genius single-pass batch system for hemodialysis therapy.

Edaravone protects against ischemia/reperfusion-induced oxidative damage to mitochondria in rat liver.

Comparative effects of some local food condiments on sodium arsenite-induced clastogenicity.

Determination of urinary hippuric acid and o-cresol levels as biological indicators of toluene exposure in shoe-workers and glue sniffers.

[Effectiveness of weekly iron sulfate in the Family Health Program in Caruaru, Pernambuco State, Brazil].

A comparative study on the gastroduodenal tolerance of different antianaemic preparations.

Anemia: when is it iron deficiency?

Prostate cancer risk in California farm workers.

Dose-response analysis of short-term effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in three differentially susceptible rat lines.

Zinc protoporphyrin/heme as an indicator of iron status in NICU patients.

Immunocapture and microplate-based activity measurement of mammalian pyruvate dehydrogenase complex.

Effects of metronidazole and tinidazole ointments on models for inflammatory dermatitis in mice.

¹²³I-Interleukin-2: biochemical characterization and in vivo use for imaging autoimmune diseases.

Toxicity of free p-cresol: a prospective and cross-sectional analysis.

Competence at the workplace.

Urinary concentrating defect in hypothyroid rats: role of sodium, potassium, 2-chloride co-transporter, and aquaporins.

Up-regulation of cDK5/p35 by oxidative stress in human neuroblastoma IMR-32 cells.

Basis for a proposed reference dose (RfD) for dioxin of 1-10 pg/kg-day: a weight of evidence evaluation of the human and animal studies.

Erythropoietin therapy in pre-dialysis patients with chronic renal failure: lack of need for parenteral iron.

Effects of uremic ultrafiltrate on the regulation of the parathyroid cell cycle by calcitriol.

Escherichia coli O157:H7 populations in sheep can be reduced by chlorate supplementation.

Arsenic species excretion after dimercaptopropanesulfonic acid (DMPS) treatment of an acute arsenic trioxide poisoning.

Intentional poisoning of animals in southeastern Spain: a review of the veterinary toxicology service from Murcia, Spain.

Flow cytometric measurement of reactive oxygen species production by normal and thalassaemic red blood cells.

Retinal dehydrogenase-2 is inhibited by compounds that induce congenital diaphragmatic hernias in rodents.

Dual fortification of salt with iodine and microencapsulated iron: a randomized, double-blind, controlled trial in Moroccan schoolchildren.

Iron deficiency anemia in infancy: long-lasting effects on auditory and visual system functioning.

Different effects of metabolic inhibitors and cyclosporin A on daunorubicin transport in leukemia cells from patients with AML.

Embryological origins and development of the rat diaphragm.

Peroxynitrite generated in the rat spinal cord induces oxidation and nitration of proteins: reduction by Mn (III) tetrakis (4-benzoic acid) porphyrin.

Clinical nutrition: 8. The role of nutrition in the prevention of iron deficiency anemia in infants, children and adolescents.

Prevention of iron deficiency anemia in adolescent and adult pregnancies.

Iron bioavailability and weight gains to iron-deficient rats fed a commonly consumed Tunisian meal 'bean seeds ragout' with or without beef and with green or black tea decoction.

Infertility and environmental pollutants.

Increase in cardiovascular pathology in female Sprague-Dawley rats following chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3,3',4,4',5-pentachlorobiphenyl.

PPARalpha agonist-induced rodent tumors: modes of action and human relevance.

A framework for human relevance analysis of information on carcinogenic modes of action.

The use of c-src knockout mice for the identification of the main toxic signaling pathway of TCDD to induce wasting syndrome.

[Iron deficiency anemia in pregnant women and its management with gino-tardyferon].

Estrogens and organochlorine xenoestrogens and breast cancer risk.

Neocortical neurons cultured from mice with expanded CAG repeats in the huntingtin gene: unaltered vulnerability to excitotoxins and other insults.

[Pesticide poisoning].

Analysis of urinary N-acetyl-beta-D-glucosaminidase using 2,4-dinitrophenyl-1-thio N-acetyl-beta-D-glucosaminide as the substrate.

[Occupational epidemiology: from analysis of the apparent to investigation of the unknown].

Src tyrosine kinase but not activated Ras augments sensitivity to taxanes through apoptosis in human adenocarcinoma cells.

[Effect of teeth protector on dental injuries during general anesthesia].

Effect of lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on the susceptibility to Listeria infection.

Antiperoxidative, anti-inflammatory, and antimutagenic activities of ethanol extract of the mycelium of *Ganoderma lucidum* occurring in South India.

Transplacental carcinogenicity of inorganic arsenic in the drinking water: induction of hepatic, ovarian, pulmonary, and adrenal tumors in mice.

Manganese ethylene-bis-dithiocarbamate and selective dopaminergic neurodegeneration in rat: a link through mitochondrial dysfunction.

Pharmacological induction of HSP27 attenuates intimal hyperplasia in vivo.

Crosslinking of fibrinogen and fibronectin by free radicals: a possible initial step in adhesion formation in osteoarthritis of the temporomandibular joint.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced accumulation of biliverdin and hepatic peliosis in rats.

EGF and TGF- α expression influence the developmental toxicity of TCDD: dose response and AhR phenotype in EGF, TGF- α , and EGF + TGF- α knockout mice.

Iron supplementation improves iron status and reduces morbidity in children with or without upper respiratory tract infections: a randomized controlled study in Colombo, Sri Lanka.

Women with low iron stores absorb iron from soybeans.

Oxidative stress-mediated DHEA formation in Alzheimer's disease pathology.

Calpain mediates progressive plasma membrane permeability and proteolysis of cytoskeleton-associated paxillin, talin, and vinculin during renal cell death.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) stimulates gonadotropin secretion in the immature female Sprague-Dawley rat through a pentobarbital- and estradiol-sensitive mechanism but does not alter gonadotropin-releasing hormone (GnRH) secretion by immortalized GnRH neurons in vitro.

Rescue of light responses in the *Drosophila* "null" phospholipase C mutant, norpAP24, by the diacylglycerol kinase mutant, rdgA, and by metabolic inhibition.

Damage to developing mouse skeletal muscle myotubes in culture: protective effect of heat shock proteins.

Pressure-induced activation of extracellular signal-regulated kinase 1/2 in small arteries.

Oxidative stress-induced cell death of human oral neutrophils.

Pre- or post-treatment with the mitochondrial uncoupler 2,4-dinitrophenol attenuates striatal quinolinate lesions.

A tetrazolium-based colorimetric assay for metabolic activity of stored blood platelets.

Randomization of cortical microtubules in root epidermal cells induces root hair initiation in lettuce (*Lactuca sativa* L.) seedlings.

Metabolism of arsenic by sheep chronically exposed to arsenosugars as a normal part of their diet. 1. Quantitative intake, uptake, and excretion.

Hepatocellular injury with hyperaminotransferasemia after cresol ingestion.

Toxicity of 19 adjuvants to juvenile *Lepomis macrochirus* (bluegill sunfish).

Oral treatment of organophosphate poisoning in mice.

Myeloperoxidase-induced formation of chlorohydrins and lysophospholipids from unsaturated phosphatidylcholines.

Relationships between respiration and susceptibility to azole antifungals in *Candida glabrata*.

Bradykinin B2 receptor-mediated proliferation via activation of the Ras/Raf/MEK/MAPK pathway in rat vascular smooth muscle cells.

Expression of aryl hydrocarbon receptor and aryl hydrocarbon receptor nuclear translocator messenger ribonucleic acids and proteins in rat and human testis.

Acutely administered melatonin restores hepatic mitochondrial physiology in old mice.

Elimination of shrimp endogenous peroxidase background in immunodot blot assays to detect white spot syndrome virus (WSSV).

[The regulatory effect of human bone morphogenetic protein 7 gene transfer on the proliferation and differentiation of rabbit bone marrow mesenchymal stem cells].

Characteristics of the hemostatic action of KFA-1411, an inhibitor of coagulation factor Xa (FXa), in humans and various animals.

Effects of magnesium on the production of extracellular matrix metalloproteinases in cultured rat vascular smooth muscle cells.

Hepatic stem cells: existence and origin.

a-Tocopherol Content and a-Tocopherol Transfer Protein Expression in Leukocytes of Children with Acute Leukemia.

Cell death mechanisms in the human opportunistic pathogen *Candida albicans*.

Homocysteine-induced brain lipid peroxidation: effects of NMDA receptor blockade, antioxidant treatment, and nitric oxide synthase inhibition.

3-methylcholanthrene activates human immunodeficiency virus type 1 replication via aryl hydrocarbon receptor.

Determination of patterns of biologically relevant aldehydes in exhaled breath condensate of healthy subjects by liquid chromatography/atmospheric chemical ionization tandem mass spectrometry.

Toxicokinetics and physiologically based toxicokinetics in toxicology and risk assessment.

Herbimycin A induces sympathetic neuron survival and protects against hypoxia.

Generation of aldehyde-derived protein modifications in ethanol-exposed heart.

Polymorphisms in the human monomethylarsonic acid (MMA V) reductase/hGSTO1 gene and changes in urinary arsenic profiles.

Oxidative stress and aging--the use of superoxide dismutase/catalase mimetics to extend lifespan.

Health benefits and potential risks related to consumption of fish or fish oil.

Reversible and irreversible emission of methanethiol and dimethyl disulfide from anaerobically stored broccoli.

[Genotoxic effects of pesticide-treated vegetable extracts using the *Allium cepa* chromosome aberration and micronucleus tests].

Assessment of the probabilistic ecological risk assessment-toxic equivalent combination approach for evaluating pesticide mixture toxicity to zooplankton in outdoor microcosms.

Experimental evidence for the physiological role of bacterial luciferase in the protection of cells against oxidative stress.

[A fatal kiss between estrogen receptor and dioxin].

Evaluation of bioanalytical assays for toxicity assessment and mode of toxic action classification of reactive chemicals.

Oxygen availability during orthotopic liver transplantation.

Low density lipoprotein receptor-related protein (LRP) is a heparin-dependent adhesion receptor for connective tissue growth factor (CTGF) in rat activated hepatic stellate cells.

Implications of glucose transporter protein type 1 (GLUT1)-haplodeficiency in embryonic stem cells for their survival in response to hypoxic stress.

TCDD-induced expression of Ah receptor responsive genes in the pituitary and brain of cellular retinol-binding protein (CRBP-I) knockout mice.

Role of mitochondrial aldehyde dehydrogenase in nitrate tolerance.

The role of antioxidant enzymes in TCDD-induced oxidative stress in various brain regions of rats after subchronic exposure.

TCDD-induced apoptosis in EL-4 cells deficient of the aryl hydrocarbon receptor and down-regulation of IGFBP-6 prevented the apoptotic cell death.

Inhibition of [18F]FP-TZTP binding by loading doses of muscarinic agonists P-TZTP or FP-TZTP in vivo is not due to agonist-induced reduction in cerebral blood flow.

Characterization of a wound-inducible cytochrome P450 gene (CYP72A29) that is down-regulated during crown gall tumorigenesis in potato tuber.

Kinetics of monochloroacetic acid at subtoxic and toxic doses in rats after single oral and dermal administrations.

The role of hepatocellular oxidative stress in Kupffer cell activation during 1,2-dichlorobenzene-induced hepatotoxicity.

Alteration of keratinocyte differentiation and senescence by the tumor promoter dioxin.

Abnormal growth of polyamine-deficient Escherichia coli mutant is partially caused by oxidative stress-induced damage.

The requirement of ammonium or other cations linked with p-cresol sulfate for cross-reactivity with a peptide of myelin basic protein.

NTP toxicology and carcinogenesis Studies of 2,4-hexadienal (89% trans,trans isomer, CAS No. 142-83-6; 11% cis,trans isomer) (Gavage Studies).

Phospholipase A2, hydroxyl radicals, and lipid peroxidation in transient cerebral ischemia.

[Development of the protein therapeutics using the super anti-cell death factor FNK].

Protective effect of benidipine against sodium azide-induced cell death in cultured neonatal rat cardiac myocytes.

Toxicogenomic effects of marine brevetoxins in liver and brain of mouse.

Interaction of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) with induced adipocyte differentiation in mouse embryonic fibroblasts (MEFs) involves tyrosine kinase c-Src.

Decreased enzyme activity of hepatic thioredoxin reductase and glutathione reductase in rabbits by prolonged exposure to inorganic arsenate.

Combined toxicity effects of MTBE and pesticides measured with Vibrio fischeri and Daphnia magna bioassays.

Effects of boron foliar applications on vegetative and reproductive growth of sunflower.

KB130015, a new amiodarone derivative with multiple effects on cardiac ion channels.

Effect of dietary co-administration of sodium selenite on sodium arsenite-induced ovarian and uterine disorders in mature albino rats.

Analysis of tryptophan and tyrosine in cerebrospinal fluid by capillary electrophoresis and "ball lens" UV-pulsed laser-induced fluorescence detection.

Mislocalization of membrane proteins associated with multidrug resistance in cisplatin-resistant cancer cell lines.

Endogenously produced endothelial lipase enhances binding and cellular processing of plasma lipoproteins via heparan sulfate proteoglycan-mediated pathway.

Ischemic preconditioning by caspase cleavage of poly(ADP-ribose) polymerase-1.

Impact of Management Practices on Prevalence of Soybean Sclerotinia Stem Rot in the North-Central United States and on Farmers' Decisions Under Uncertainty.

Acute application of TNF stimulates apical 70-pS K⁺ channels in the thick ascending limb of rat kidney.

On the significance of the role of cellular stress response reactions in the toxic actions of dioxin.

Aberrant utilization of nitric oxide and regulation of soluble guanylate cyclase in rat diabetic retinopathy.

Genetic variation in genes associated with arsenic metabolism: glutathione S-transferase omega 1-1 and purine nucleoside phosphorylase polymorphisms in European and indigenous Americans.

Cell selective cAMP induction of rat CYP1B1 in adrenal and testis cells. Identification of a novel cAMP-responsive far upstream enhancer and a second Ah receptor-dependent mechanism.

Tissue repair plays pivotal role in final outcome of liver injury following chloroform and allyl alcohol binary mixture.

Differential genotoxicity of ethyl methanesulphonate, N-ethyl-N-nitrosourea and maleic hydrazide in tobacco seedlings based on data of the Comet assay and two recombination assays.

Pharmacokinetics of ovarian steroids in Sprague-Dawley rats after acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Characterization of a recombinant molecule covalently indistinguishable from human cerebroside-sulfate activator protein (CSAct or Saposin B).

Survey on the health effects of chronic exposure to dioxins and its accumulation on workers of a municipal solid waste incinerator, rural part of Osaka Prefecture, and the results of extended survey afterwards.

Stabilized ferrous gluconate as iron source for food fortification: bioavailability and toxicity studies in rats.

The missing biomarker link: relationships between effects on the cellular energy allocation biomarker of toxicant-stressed *Daphnia magna* and corresponding population characteristics.

Activation and inhibition of cellular calcium and tyrosine kinase signaling pathways identify targets of the HBx protein involved in hepatitis B virus replication.

Zebrafish as a novel experimental model for developmental toxicology.

Mutation or drug-dependent microtubule disruption causes radial swelling without altering parallel cellulose microfibril deposition in Arabidopsis root cells.

A cuvette-based fluorometric analysis of mitochondrial membrane potential measured in cultured astrocyte monolayers.

Quantitative structure toxicity relationships for phenols in isolated rat hepatocytes.

Metabolic analysis in drug design.

Genomic and proteomic profiling of responses to toxic metals in human lung cells.

Selenoprotein metabolism and function: evidence for more than one function for selenoprotein P.

MtsABC is important for manganese and iron transport, oxidative stress resistance, and virulence of *Streptococcus pyogenes*.

The multidrug resistance-associated protein 1 transports methoxychlor and protects the seminiferous epithelium from injury.

Occurrence of *Botrytis cinerea* and Subsequent Disease Expression at Different Positions on Leaves and Bunches of Grape.

Role of reactive oxygen species and antioxidants in plant disease resistance.

Iron toxicity in organotypic cultures of hippocampal slices: role of reactive oxygen species.

Whole-grain rye and wheat foods and markers of bowel health in overweight middle-aged men.

Caveolin-induced activation of the phosphatidylinositol 3-kinase/Akt pathway increases arsenite cytotoxicity.

RNA interference-mediated silencing of Sod2 in *Drosophila* leads to early adult-onset mortality and elevated endogenous oxidative stress.

The chelating treatment is not useful in human's intoxication with acute herbicidal organic arsenic.

Weed control in rose-scented geranium (*Pelargonium* spp).

Exposure to the herbicide acetochlor alters thyroid hormone-dependent gene expression and metamorphosis in *Xenopus laevis*.

Functional activation of peroxisome proliferator-activated receptor alpha (PPARalpha) by environmental chemicals in relation to their toxicities.

Cancer incidence among triazine herbicide manufacturing workers.

Combined methylprednisolone and dexamethasone therapy for paraquat poisoning.

Induction of glutathione S-transferases in Arabidopsis by herbicide safeners.

Developmental toxicity of a commercial herbicide mixture in mice: I. Effects on embryo implantation and litter size.

Amphibian declines. Conflict brewing over herbicide's link to frog deformities.

Herbicides: feminization of male frogs in the wild.

Role of antioxidants in paraquat toxicity.

Differential heat shock gene hsp70-1 response to toxicants revealed by in vivo study of lungs in transgenic mice.

Developmental exposure to the pesticides paraquat and maneb and the Parkinson's disease phenotype.

In vitro myelotoxicity of propanil and 3,4-dichloroaniline on murine and human CFU-E/BFU-E progenitors.

[Genotoxic effect of PCP and lindane on human epithelial tonsil cells].

Synergistic effects of low level stressors in an oxidative damage model of spinal motor neuron degeneration.

Responses of microbial activity and decomposer organisms to contamination in microcosms containing coniferous forest soil.

Fatal intentional poisoning cases admitted to the University Hospitals of Leuven, Belgium from 1993 to 1996.

Impact of four pesticides on the growth and metabolic activities of two photosynthetic algae.

Paraquat-induced gene expression in rat lung tissues using a differential display reverse transcription-polymerase chain reaction.

Herbicide safeners: uses, limitations, metabolism, and mechanisms of action.

A survey of EPA/OPP and open literature on selected pesticide chemicals. III. Mutagenicity and carcinogenicity of benomyl and carbendazim.

Nuclear and nucleolar glutathione reductase, peroxidase, and transferase activities in livers of male and female Fischer-344 rats.

Effect of 2'-benzoyl-oxycinnamaldehyde on RPE cells in vitro and in an experimental proliferative vitreoretinopathy model.

Methylprednisolone does not enhance the surfactant effects on oxygenation and histology in paraquat-induced rat lung injury.

Expression of mutant alpha-synucleins enhances dopamine transporter-mediated MPP+ toxicity in vitro.

A review of animal models for the study of arsenic carcinogenesis.

[An unusual case of toxic hepatitis from paraquat].

A risk assessment of pollution: induction of atrazine tolerance in phytoplankton communities in freshwater outdoor mesocosms, using chlorophyll fluorescence as an endpoint.

Review of 2,4-dichlorophenoxyacetic acid (2,4-D) epidemiology and toxicology.

Environmental agents as cause of health disorders in children presented at an outpatient unit of environmental medicine.

Oral (gavage) two-generation (one litter per generation) reproduction study of pentachlorophenol (penta) in rats.

Environmental risk factors and Parkinson's disease: selective degeneration of nigral dopaminergic neurons caused by the herbicide paraquat.

Increased toxicity to invertebrates associated with a mixture of atrazine and organophosphate insecticides.

Broadening our outlook on sources for corneal donation.

Specific up-regulation of GADD153/CHOP in 1-methyl-4-phenyl-pyridinium-treated SH-SY5Y cells.

Role of hydroxyl radical formation in neurotoxicity as revealed by in vivo free radical trapping.

The effects of atrazine on the sexual maturation of female rats.

The volatile fraction of cigarette smoke induces alterations in the human gingival fibroblast cytoskeleton.

Increased sensitivity in dopamine D(2)-like brain receptors from 2,4-dichlorophenoxyacetic acid (2,4-D)-exposed and amphetamine-challenged rats.

Environmental chemical compounds could induce sensitization to drugs of abuse.

Pathways involved in mild gastrointestinal inflammation induced by a low level exposure to a food contaminant.

Birth defects, season of conception, and sex of children born to pesticide applicators living in the Red River Valley of Minnesota, USA.

Paraquat detoxicative system in the mouse liver postmitochondrial fraction.

Predictors of survival after acute paraquat poisoning.

Testicular changes induced by chronic exposure to the herbicide formulation, Tordon 75D (2,4-dichlorophenoxyacetic acid and picloram) in rats.

Atrazine inhibition of testosterone production in rat males following peripubertal exposure.

Kinetics of paraquat and copper reactions with nitroxides: the effects of nitroxides on the aerobic and anoxic toxicity of paraquat.

A major human arsenic metabolite, dimethylarsinic acid, requires reduced glutathione to induce apoptosis.

Coca-killing controversy.

Amphibian decline. Ubiquitous herbicide emasculates frogs.

Frogs put in the gender blender by America's favourite herbicide.

Hermaphroditic, demasculinized frogs after exposure to the herbicide atrazine at low ecologically relevant doses.

Analysis and toxicity of methomyl and ametryn after biodegradation.

Agent Orange no longer linked to childhood AML.

[Elucidation of paraquat poisoning mechanism and development of the neuronal death model].

Paraquat intoxication in Korea.

Postnatal survival of rat offspring prenatally exposed to pure 2,4-dichlorophenoxyacetic acid (2,4-D).

Occupational voice disorders due to workplace exposure to irritants--a review of the literature.

Differential effects of olfactory toxicants on olfactory regeneration.

Effects of atrazine and cyanazine on chlorpyrifos toxicity in *Chironomus tentans* (Diptera: Chironomidae).

Response of the amphibian tadpole (*Xenopus laevis*) to atrazine during sexual differentiation of the testis.

The ocular surface toxicity of paraquat.

Effects of bensulfuron-methyl and cinosulfuron on growth of four freshwater species of phytoplankton.

Toxicity of 40 herbicides to the green alga *Chlorella vulgaris*.

Absorption, metabolism and excretion of 4-chloro-2-methylphenoxyacetic acid (MCPA) in rat and dog.

A 16-year-old boy with rapidly progressing pulmonary fibrosis.

Predicted impact of transgenic, herbicidetolerant corn on drinking water quality in vulnerable watersheds of the mid-western USA.

Developmental disorders in embryos of the frog *Xenopus laevis* induced by chloroacetanilide herbicides and their degradation products.

Prolonged survival after experimental paraquat intoxication: role of alternative antioxidants.

Effects of paraquat on essential antioxidant elements in osteogenic disorder Shionogi rat.

Acrolein-induced cytotoxicity in cultured human bronchial epithelial cells. Modulation by alpha-tocopherol and ascorbic acid.

Paraquat-induced oxidative stress and dysfunction of the glutathione redox cycle in pulmonary microvascular endothelial cells.

Fate and sublethal effects of isoproturon on mature earthworm (*Lumbricus terrestris* L.).

Recovery of non-target plants affected by airborne herbicides.

Fetotoxic action of 2,4-dichlorophenoxyacetic acid (2,4-D). III. Morphological changes in rat kidneys.

An analysis of glyphosate data from the California Environmental Protection Agency Pesticide Illness Surveillance Program.

Severe propanil [N-(3,4-dichlorophenyl) propanamide] pesticide self-poisoning.

Sunscreens can increase dermal penetration of 2,4-dichlorophenoxyacetic acid.

Radioprotectants: current status and new directions.

A 'single toxin-double lesion' rat model of striatonigral degeneration by intrastriatal 1-methyl-4-phenylpyridinium ion injection: a motor behavioural analysis.

Acrolein inflicts axonal membrane disruption and conduction loss in isolated guinea-pig spinal cord.

Evaluation of the aneugenic potential of the fungicide Ferbam in mice.

In vitro effect of air pollutants on human bronchi.

[Participation of dexamethasone and E and C vitamins in the modulation of the hepatotoxic effect induced by fomesafen and 2,4-D amino herbicides, in rats].

Involvement of N-methyl-D-aspartate receptors in nociception in the cyclophosphamide-induced vesical pain model in the conscious rat.

Comparative toxic and genotoxic effects of chloroacetanilides, formamidines and their degradation products on *Vibrio fischeri* and *Chironomus riparius*.

Toxicological effects of the herbicide oxyfluorfen on acetylcholinesterase in two fish species: *Oreochromis niloticus* and *Gambusia affinis*.

Lesions induced by 2,4-D and chlorpyrifos in tench (*Tinca tinca* L.): implication in toxicity studies.

[Herbicides and congenital malformations in Meta, Colombia].

Changes in urinary bladder cytokine mRNA and protein after cyclophosphamide-induced cystitis.

Effects of nonylphenol, 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene (p,p'-DDE), and pentachlorophenol on the adult female guinea pig reproductive tract.

[Chlorophenols: intermediate by-products of 2,4-dichlorophenoxyacetic acid synthesis. Toxicity and hazard].

Accident insurance, sickness, and science: New Zealand's no-fault system.

Evaluation of the protective effect of oestradiol against toxicity induced by 6-hydroxydopamine and 1-methyl-4-phenylpyridinium ion (Mpp+) towards dopaminergic mesencephalic neurones in primary culture.

In vivo antioxidant role of glutathione peroxidase: evidence from knockout mice.

Endocrine active agents: implications of adverse and non-adverse changes.

A fatal human intoxication with the herbicide allyl alcohol (2-propen-1-ol).

Pesticide-related symptoms among farm workers in rural Honduras.

[Pesticide poisoning].

Failure of continuous venovenous hemofiltration to prevent death in paraquat poisoning.

Serum protein acrolein adducts: utility in detecting oxidant stress in hemodialysis patients and reversal using a vitamin E-bonded hemodialyzer.

Mutagenesis by acrolein-derived propanodeoxyguanosine adducts in human cells.

Characterization of nitric oxide consumption pathways by normal, chronic granulomatous disease and myeloperoxidase-deficient human neutrophils.

Combined effect of chronic hypoxia and in vitro exposure to gas pollutants on airway reactivity.

Differential susceptibilities of serine/threonine phosphatases to oxidative and nitrosative stress.

Is *Lolium* pollen from an urban environment more allergenic than rural pollen?

Essential role of ferritin Pfr in *Helicobacter pylori* iron metabolism and gastric colonization.

Oxygen metabolites and hypoxic renal injury: effect of mitochondrial electron transport blockade.

Mucin apoprotein expression in COPD.

The restoring effect of trifluralin and benznidazole on the abnormal fatty-acid pattern induced by *Trypanosoma cruzi* in the liver microsomes of infected mice.

In vivo copper-mediated free radical production: an ESR spin-trapping study.

Paraquat- and diquat-induced oxygen radical generation and lipid peroxidation in rat brain microsomes.

Serum SP-D is a marker of lung injury in rats.

Plasmodium: assessment of the antimalarial potential of trifluralin and related compounds using a rat model of malaria, *Rattus norvegicus*.

Acrolein modifies and inhibits cytosolic aspartate aminotransferase.

Analysis of DNA adducts in rats exposed to pentachlorophenol.

Inhibition of cell proliferation and AP-1 activity by acrolein in human A549 lung adenocarcinoma cells due to thiol imbalance and covalent modifications.

Acrolein-induced cell death: a caspase-influenced decision between apoptosis and oncosis/necrosis.

Protection against acetaminophen hepatotoxicity by clofibrate pretreatment: role of catalase induction.

Neuroprotection by adenosine A2A receptor blockade in experimental models of Parkinson's disease.

Lipid peroxidation contributes to immune reactions associated with alcoholic liver disease.

Aldehyde-sequestering drugs: tools for studying protein damage by lipid peroxidation products.

Acrolein activates mitogen-activated protein kinase signal transduction pathways in rat vascular smooth muscle cells.

Ozone-induced ethylene production is dependent on salicylic acid, and both salicylic acid and ethylene act in concert to regulate ozone-induced cell death.

Control of oxidative stress resistance by IP3 kinase in *Drosophila melanogaster*.

A method for assaying the sensitivity of *Drosophila* replication checkpoint mutants to anti-cancer and DNA-damaging drugs.

Generation of protein adducts with malondialdehyde and acetaldehyde in muscles with predominantly type I or type II fibers in rats exposed to ethanol and the acetaldehyde dehydrogenase inhibitor cyanamide.

Metabolic disturbances in fish exposed to sodium pentachlorophenate (NaPCP) and 3,3',4,4',5-pentachlorobiphenyl (PCB126), individually or combined.

Molecular requisites for drug binding to muscle CLC-1 and renal CLC-K channel revealed by the use of phenoxy-alkyl derivatives of 2-(p-chlorophenoxy)propionic acid.

The barley MLO modulator of defense and cell death is responsive to biotic and abiotic stress stimuli.

Acrolein causes transcriptional induction of phase II genes by activation of Nrf2 in human lung type II epithelial (A549) cells.

Involvement of chloroplasts in the programmed death of plant cells.

Combined calcium carbimide and ethanol treatment induces high blood acetaldehyde levels, myocardial apoptosis and altered expression of apoptosis-regulating genes in rat.

9-polylysine protein transduction domain: enhanced penetration efficiency of superoxide dismutase into mammalian cells and skin.

Age-related alteration in hepatic disposition of the neurotoxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine and pesticides.

Hydrogen peroxide protects tobacco from oxidative stress by inducing a set of antioxidant enzymes.

Chemiluminescence of superoxide generated by *Candida albicans*: differential effects of the superoxide generator paraquat on a wild-type strain and a respiratory mutant.

Endogenous Nod-factor-like signal molecules promote early somatic embryo development in Norway spruce.

Resistance against herbicide isoxaben and cellulose deficiency caused by distinct mutations in same cellulose synthase isoform CESA6.

Involvement of the Arabidopsis alpha-DOX1 fatty acid dioxygenase in protection against oxidative stress and cell death.

Role of mitochondria in toxic cell death.

Chemokine-independent preference for T-helper-1 cells in transendothelial migration.

Altered protein profile and possible hypoxia in the placenta of 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed rats.

Localization of tumor by chemiluminescence probe during photosensitization action.

Phosphorylated alpha-synuclein is ubiquitinated in alpha-synucleinopathy lesions.

Non-genotoxic carcinogens: early effects on gap junctions, cell proliferation and apoptosis in the rat.

[Human neurotoxicity of ethylene-bis-dithiocarbamates (EBDC)].

[Genetics and environmental factors of Parkinson disease].

Operational issues in the control of the vectors of Brugia.

Balancing risks in the management of contaminated first nations fisheries.

No reduction of metabolic rate in food restricted Caenorhabditis elegans.

Effects of ascorbic acid and alpha-tocopherol on arsenic-induced oxidative stress.

Comparative toxicity study of 3-aminophenol in newborn and young rats.

The usefulness of elemental iron for cereal flour fortification: a SUSTAIN Task Force report. Sharing United States Technology to Aid in the Improvement of Nutrition.

Interactive effect of chemical substances and occupational electromagnetic field exposure on the risk of gliomas and meningiomas in Swedish men.

Myoplasmic calcium regulation in myotubes from horses with recurrent exertional rhabdomyolysis.

T lymphocytes are direct, aryl hydrocarbon receptor (AhR)-dependent targets of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): AhR expression in both CD4+ and CD8+ T cells is necessary for full suppression of a cytotoxic T lymphocyte response by TCDD.

Acute toxicity of carbonyl iron and sodium iron EDTA compared with ferrous sulfate in young rats.

Expression of hsp 27, hsp 60, hsc 70, and hsp 70 stress response genes in cultured human urothelial cells (UROtsa) exposed to lethal and sublethal concentrations of sodium arsenite.

Community exposures to airborne agricultural pesticides in California: ranking of inhalation risks.

Immunologic effects of dioxin: new results from Seveso and comparison with other studies.

Addition of microencapsulated iron to iodized salt improves the efficacy of iodine in goitrous, iron-deficient children: a randomized, double-blind, controlled trial.

Pulmonary effects of ultrafine and fine ammonium salts aerosols in healthy and monocrotaline-treated rats following short-term exposure.

P-cresol, a uremic toxin, decreases endothelial cell response to inflammatory cytokines.

Formation of reactive oxygen species in rat hepatoma-derived Fa32 cells to predict human toxicity.

Associations of dichlorodiphenyltrichloroethane (DDT) 4.4 and dichlorodiphenyldichloroethylene (DDE) 4.4 blood levels with plasma IL-4.

[Modern problems of biodosimetry].

Undersulfation of proteoglycans and proteins alter C6 glioma cells proliferation, adhesion and extracellular matrix organization.

Effects of sodium arsenite exposure on development and behavior in the rat.

Activation of mitogen-activated protein kinases during granulocyte apoptosis in patients with severe sepsis.

Detection of proton release from cultured human myotubes to identify malignant hyperthermia susceptibility.

Patients with malignant hyperthermia demonstrate an altered calcium control mechanism in B lymphocytes.

Iron-induced bronchial injury.

Role of bioavailable iron in coal dust-induced activation of activator protein-1 and nuclear factor of activated T cells: difference between Pennsylvania and Utah coal dusts.

Cell-type specificity of ectonucleotidase expression and upregulation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Cytoskeletal structure of myoblasts with the mitochondrial DNA 3243A-->G mutation and of osteosarcoma cells with respiratory chain deficiency.

The Coca-Cola incident in Belgium, June 1999.

The clinicopathologic significance of enriching grated cassava mash with red palm oil in the production of gari.

[Photocontact dermatitis due to ketoprofen and photosensitization to tetrachlorosalicylanide and to Fenticlor(R)].

Arsenite cocarcinogenesis: an animal model derived from genetic toxicology studies.

Indirect effects of oral tolerance to ovalbumin interfere with the immune responses triggered by *Schistosoma mansoni* eggs.

Lipid metabolism and neuropsychological follow-up study of workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Alcohol-induced increases in insulin-like growth factor binding protein-1 are partially mediated by TNF.

Arsenic induces peroxynitrite generation and cyclooxygenase-2 protein expression in aortic endothelial cells: possible role in atherosclerosis.

Bioavailability of caseinophosphopeptide-bound iron.

Expression of surfactant proteins and thyroid transcription factor 1 in an ovine model of congenital diaphragmatic hernia.

Differential toxicogenomic responses to 2,3,7,8-tetrachlorodibenzo-p-dioxin in malignant and nonmalignant human airway epithelial cells.

[Endemic spastic paraparesis (konzo)].

Clinical approach to chronic beryllium disease and other nonpneumoconiotic interstitial lung diseases.

The effect of iron deficiency anaemia on the levels of haemoglobin subtypes: possible consequences for clinical diagnosis.

On the role of monoamine oxidase-A for the maintenance of the volitional consumption of ethanol in two different rat models.

Effects of chronic dietary exposure to environmentally relevant concentrations to 2,3,7,8-tetrachlorodibenzo-p-dioxin on survival, growth, reproduction and biochemical responses of female rainbow trout (*Oncorhynchus mykiss*).

Impaired axonal transport of cortical neurons in Alzheimer's disease is associated with neuropathological changes.

Increased arylhydrocarbon receptor expression offers a potential therapeutic target for pancreatic cancer.

The rat as a model in developmental immunotoxicology.

The Belgian PCB/dioxin incident: a critical review of health risks evaluations.

Domestic drinking water--an effective way to prevent anemia among low socioeconomic families in Brazil.

The effect of different iron fortificants on iron absorption from iron-fortified rice.

Determination of autofluorescence of red blood cells (RbCs) in uremic patients as a marker of oxidative damage.

Antipruritic and antiinflammatory effects of aqueous extract from Si-Wu-Tang.

Critical windows of vulnerability for effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on prostate and seminal vesicle development in C57BL/6 mice.

2,3,7,8-tetrachlorodibenzo-p-dioxin causes alterations in lymphocyte development and thymic atrophy in hemopoietic chimeras generated from mice deficient in ARNT2.

Mortality in dioxin-exposed mice infected with influenza: mitochondrial toxicity (reye's-like syndrome) versus enhanced inflammation as the mode of action.

Linking dioxins to diabetes: epidemiology and biologic plausibility.

Molecular analysis of the pathogenicity locus and polymorphism in the putative negative regulator of toxin production (TcdC) among *Clostridium difficile* clinical isolates.

Dioxin stimulates RANTES expression in an in-vitro model of endometriosis.

Nitrofen inhibition of pulmonary growth and development occurs in the early embryonic mouse.

Environmental risk factors of young onset Parkinson's disease: a case-control study.

A study on behavioral, neurotoxicological, and immunotoxicological effects of subchronic arsenic treatment in rats.

Activation of adenosine triphosphate-sensitive potassium channels confers protection against rotenone-induced cell death: therapeutic implications for Parkinson's disease.

Beta 1-integrin protects hepatoma cells from chemotherapy induced apoptosis via a mitogen-activated protein kinase dependent pathway.

Ethanol induces fatty acid synthesis pathways by activation of sterol regulatory element-binding protein (SREBP).

Laboratory safety.

Bioavailability of Petit-Suisse cheese as food vehicle for iron fortification estimated by the prophylactic method.

The role of Akt and RAFK in beta1 integrin mediated survival of precursor B-acute lymphoblastic leukemia cells.

FLT3 in human hematologic malignancies.

Severe hepatic dysfunction following cresol poisoning.

Increased sensitivity to 4-chloro-m-cresol and caffeine in primary myotubes from malignant hyperthermia susceptible individuals carrying the ryanodine receptor 1 Thr2206Met (C6617T) mutation.

Aryl hydrocarbon receptor nuclear translocator 2 (ARNT2): structure, gene mapping, polymorphisms, and candidate evaluation for human orofacial clefts.

Reversal of iron deficiency anemia-induced peripheral neuropathy by iron treatment in children with iron deficiency anemia.

Oxidation-reduction (redox) controls fetal hypoplastic lung growth.

Promotion of altered hepatic foci by 2,3,7,8-tetrachlorodibenzo-p-dioxin and 17beta-estradiol in male Sprague-Dawley rats.

Behavior of non-protein-bound and protein-bound uremic solutes during daily hemodialysis.

Selective apoptosis of tandemly duplicated FLT3-transformed leukemia cells by Hsp90 inhibitors.

Lethal body residue of chlorophenols and mixtures of chlorophenols in benthic organisms.

Experimental study on photodynamic diagnosis of cancer mediated by chemiluminescence probe.

In vivo effects of Panax ginseng extracts on the cytochrome P450-dependent monooxygenase system in the liver of 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed guinea pig.

[Neurotoxicity in sodium azide poisoning].

Workshop report. Children as a special subpopulation: focus on immunotoxicity. Federal Institute for Health Protection of Consumers and Veterinary Medicine (BgVV), 15-16 November 2001, Berlin, Germany.

Challenging embryological theories on congenital diaphragmatic hernia: future therapeutic implications for paediatric surgery.

Entacapone does not induce conformational changes in liver mitochondria or skeletal muscle in vivo.

Endocrine dismodulation and cancer.

Tyrosinemia I, a model for human diseases mediated by 2-oxoacid-utilizing dioxygenases: hepatotoxin suppression by NTBC does not normalize hepatic collagen metabolism.

Induction of HSP72 by sodium arsenite fails to protect against cholecystokinin-octapeptide-induced acute pancreatitis in rats.

Induction of endolymphatic hydrops by directly infused monoclonal antibody against type II collagen CB11 peptide.

Serum dioxin concentrations and endometriosis: a cohort study in Seveso, Italy.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces plasminogen activator inhibitor-1 through an aryl hydrocarbon receptor-mediated pathway in mouse hepatoma cell lines.

Effect of arsenic, cadmium and lead on the induction of apoptosis of normal human mononuclear cells.

Endothelial PAS domain protein 1 (EPAS1) induces adrenomedullin gene expression in cardiac myocytes: role of EPAS1 in an inflammatory response in cardiac myocytes.

Supplemental zinc lowers measures of iron status in young women with low iron reserves.

Does iron have a place in the management of breath holding spells?

Role of ATP in the sensitivity to heat and the induction of apoptosis in mammalian cells.

Effects of in utero exposure to the organophosphate insecticide fenitrothion on androgen-dependent reproductive development in the CrI:CD(SD)BR rat.

Differential activation of the c-Jun N-terminal kinase pathway in arsenite-induced apoptosis and sensitization of chemically resistant compared to susceptible B-lymphoma cell lines.

Mechanisms of 2-butoxyethanol carcinogenicity: studies on Syrian Hamster Embryo (SHE) cell transformation.

Platelet endothelial cell adhesion molecule-1 (PECAM-1/CD31) acts as a regulator of B-cell development, B-cell antigen receptor (BCR)-mediated activation, and autoimmune disease.

Cytoprotective properties of novel nonpeptide calpain inhibitors in renal cells.

Comparison of acute toxicities of indolo[3,2-b]carbazole (ICZ) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in TCDD-sensitive rats.

Angiopoietin-1 and VEGF in vascular development and angiogenesis in hypoplastic lungs.

Transformation by inorganic arsenic compounds of normal Syrian hamster embryo cells into a neoplastic state in which they become anchorage-independent and cause tumors in newborn hamsters.

Triplet pregnancy in a Jehovah's witness: recombinant human erythropoietin and iron supplementation for minimising the risks of excessive blood loss.

Low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin increase transforming growth factor beta and cause myocardial fibrosis in marmosets (Callithrix jacchus).

Clinical inquiries. Are any oral iron formulations better tolerated than ferrous sulfate?

Immunologic biomarkers in relation to exposure markers of PCBs and dioxins in Flemish adolescents (Belgium).

Aryl hydrocarbon receptor-dependent inhibition of AP-1 activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin in activated B cells.

[Iron supplementation in a child with severe burns].

Persistent konzo and cyanogen toxicity from cassava in northern Mozambique.

A single mutation in the E2 glycoprotein important for neurovirulence influences binding of sindbis virus to neuroblastoma cells.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,4,7,8-pentachlorodibenzofuran reduces growth and disrupts reproductive parameters in female rats.

Mechanism of action and development of selective aryl hydrocarbon receptor modulators for treatment of hormone-dependent cancers (Review).

[Dinitrophenol--a dangerous doping agent].

Structure-activity relationships and dose responses of polychlorinated dibenzo-p-dioxins for short-term effects in 2,3,7,8-tetrachlorodibenzo-p-dioxin-resistant and -sensitive rat strains.

Decrease in 4-aminobiphenyl-induced methemoglobinemia in Cyp1a2(-/-) knockout mice.

Alpha-tocopherol protects cultured human cells from the acute lethal cytotoxicity of dioxin.

[Treatment of iron deficiency in preschool children with a weekly dose of ferrous sulfate].

Dinitrophenol pretreatment of rat ventricular myocytes protects against damage by metabolic inhibition and reperfusion.

Effect of caries disclosing agents on bond strengths of total-etch and self-etching primer dentin bonding systems to resin composite.

Primary structure and pathological study of phospholipase A2-I from *Agkistrodon bilineatus* (common cantil) venom.

Algal dermatitis in cichlids.

Transgenic rice is a source of iron for iron-depleted rats.

Relationship between acetaldehyde levels and cell survival in ethanol-metabolizing hepatoma cells.

Changes in haemoglobin levels in infants in Malawi: effect of low birth weight and fetal anaemia.

Short-term effects of forced eccentric contractions on collagen synthesis and degradation in rat skeletal muscle.

Effects of subchronic exposure to a complex mixture of persistent contaminants in male rats: systemic, immune, and reproductive effects.

Proinflammatory and Th1 cytokine alterations following ultraviolet radiation enhancement of disease due to influenza infection in mice.

Persistent abnormalities in the rat mammary gland following gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Case-control study evaluating the homogeneity and heterogeneity of risk factors between sinonasal and nasopharyngeal cancers.

Recognition and management of acute pesticide poisoning.

A proteasome inhibitor confers cardioprotection.

[The prevalence of iron deficiency anemia among 6- to 18-month-old children in Japan].

Epoetin alpha in elective coronary and valve surgery in Jehovah's Witnesses patients. Experience in 45 patients.

Physiologic levels of epidermal growth factor in saliva stimulate cell migration of an oral epithelial cell line, HO-1-N-1.

Animal models of Parkinson's disease.

Syndrome of iron pill aspiration.

Prediction of rodent nongenotoxic carcinogenesis: evaluation of biochemical and tissue changes in rodents following exposure to nine nongenotoxic NTP carcinogens.

Marginal iron deficiency without anemia impairs aerobic adaptation among previously untrained women.

Developmental stage-specific effects of perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on reproductive organs of male rat offspring.

Overexpression of alcohol dehydrogenase exacerbates ethanol-induced contractile defect in cardiac myocytes.

Angiotensin protects cortical neurons from hypoxic-induced apoptosis via the angiotensin type 2 receptor.

An autopsy case of poisoning by massive absorption of cresol a short time before death.

Effects of src-deficiency on the expression of in vivo toxicity of TCDD in a strain of c-src knockout mice procured through six generations of backcrossings to C57BL/6 mice.

Congenital erythrocytosis with increased erythropoietin level.

[Immunoenzyme analysis of natural antibodies to endogenous bioregulators in patients with systemic lupus erythematosus].

Iron-deficiency anemia in young working women can be reduced by increasing the consumption of cereal-based fermented foods or gooseberry juice at the workplace.

The potential role of exposure to environmental toxicants in the pathophysiology of endometriosis.

Impaired cued delayed alternation behavior in adult rat offspring following exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on gestation day 15.

On the rumors about the silent spring. Review of the scientific evidence linking occupational and environmental pesticide exposure to endocrine disruption health effects.

[Acute effects of methyl bromide gas in rats and mice--studies on survival time].

Recurrent stroke in a young patient with celiac disease and hyperhomocysteinemia.

Bioavailability of microencapsulated ferrous sulfate in milk.

Bioavailability of microencapsulated ferrous sulfate in powdered milk produced from fortified fluid milk: a prophylactic study in rats.

Once weekly is superior to daily iron supplementation on height gain but not on hematological improvement among schoolchildren in Thailand.

Metabolic control analysis in drug discovery and disease.

Chemical predictors of wheeze among farmer pesticide applicators in the Agricultural Health Study.

Non-ahr gene susceptibility Loci for porphyria and liver injury induced by the interaction of 'dioxin' with iron overload in mice.

Heat shock response reduces intestinal permeability in septic mice: potential role of interleukin-10.

Arsenic-induced Mre11 phosphorylation is cell cycle-dependent and defective in NBS cells.

Involvement of protein tyrosine phosphorylation and reduction of cellular sulfhydryl groups in cell death induced by 1'-acetoxychavicol acetate in Ehrlich ascites tumor cells.

Association between chronic exposure to pesticides and recorded cases of human malignancy in Gaza Governorates (1990-1999).

Effects of coxsackievirus B3 infection on the acute-phase protein metallothionein and on cytochrome P-4501A1 involved in the detoxification processes of TCDD in the mouse.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on trace elements, inflammation and viral clearance in the myocardium during coxsackievirus B3 infection in mice.

In vitro adsorption of lithium by bentonite.

Dioxin in infants--an environmental hazard?

Src tyrosine kinase augments taxotere-induced apoptosis through enhanced expression and phosphorylation of Bcl-2.

Heat stress-induced loss of eukaryotic initiation factor 5A (eIF-5A) in a human pancreatic cancer cell line, MIA PaCa-2, analyzed by two-dimensional gel electrophoresis.

Thyroid status is a key regulator of both flux and efficiency of oxidative phosphorylation in rat hepatocytes.

Increased glycogen content and glucose transporter 3 mRNA level in the placenta of Holtzman rats after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Role of sarcolemmal K(ATP) channels in cardioprotection against ischemia/reperfusion injury in mice.

Tumor necrosis factor alpha stimulates invasion of Src-activated intestinal cells.

Distinct role for microglia in rotenone-induced degeneration of dopaminergic neurons.

Suspected cresol poisoning in cattle presented for slaughter.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in the zebrafish embryo: altered regional blood flow and impaired lower jaw development.

Recent advances in understanding the mechanisms of TCDD immunotoxicity.

Mechanism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced decrease in anti-CD3-activated CD4(+) T cells: the roles of apoptosis, Fas, and TNF.

Effects of 2-butoxyethanol on hepatic oxidative damage.

Dietary folate deficiency enhances induction of micronuclei by arsenic in mice.

Contaminants in feed for food-producing animals.

[Exposure to selected aldehydes among municipal transport bus drivers].

A possible relationship between bumblefoot responsive to potassium arsenite and micrococci in the blood of three birds of prey.

[Prophylactic efficiency of tietasol and oxymethyluracyl against chlorphenols exposure in experimental and real conditions].

Inhibitory effect of *Carthamus tinctorius* L. seed extracts on bone resorption mediated by tyrosine kinase, COX-2 (cyclooxygenase) and PG (prostaglandin) E2.

Monoclonal antibodies recognizing epitopes of calretinins: dependence on Ca²⁺-binding status and differences in antigen accessibility in colon cancer cells.

Hexachlorobenzene exposure and the proportion of male births in Turkey 1935-1990.

[Relationship between emotional stress in female residents of the city of Chapaevsk and toxicological and genetic values].

The use of quantitative histological and molecular data for risk assessment and biologically based model development.

Phenol toxicity and conjugation in human colonic epithelial cells.

Simple radioactive assay for the estimation of DNA breaks.

Iron deficiency anemia increases nitric oxide production in healthy adolescents.

Dioxins and endometriosis: a plausible hypothesis.

Extracellular signal-regulated kinases and g protein-coupled receptors in megakaryocytic human erythroleukemia cells: selective activation, differential regulation, and dissociation from mitogenesis.

The dioxin crisis as experiment to determine poultry-related campylobacter enteritis.

Genomic analysis of alachlor-induced oncogenesis in rat olfactory mucosa.

2,3,7,8-tetrachlorobenzo-p-dioxin inhibits proliferation of SK-N-SH human neuronal cells through decreased production of reactive oxygen species.

Constitutive and TCDD-induced expression of Ah receptor-responsive genes in the pituitary.

Induction of heat shock proteins (HSPs) by sodium arsenite in cultured astrocytes and reduction of hydrogen peroxide-induced cell death.

Characterization and identification of cytochrome P450 metabolites of arachidonic acid released by human peritoneal macrophages obtained from the pouch of Douglas.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in the C57BL/6J mouse prostate: lobe-specific effects on branching morphogenesis.

Upregulation of glutathione-related genes and enzyme activities in cultured human cells by sublethal concentrations of inorganic arsenic.

Sodium azide reduces the thermotolerance of respiratively grown yeasts.

Antagonism of NMDA receptors by sigma receptor ligands attenuates chemical ischemia-induced neuronal death in vitro.

Subchronic toxicity of Baltic herring oil and its fractions in the rat I: Fractionation and levels of organohalogen pollutants.

Extravascular collagen in the human epileptic brain: a potential substrate for aberrant cell migration in cases of temporal lobe epilepsy.

Stimulation of carotenoid metabolism in arbuscular mycorrhizal roots.

Impairment of mycophenolate mofetil absorption by calcium polycarbophil.

Methylene blue restores spatial memory retention impaired by an inhibitor of cytochrome oxidase in rats.

Effects of entacapone and tolcapone on mitochondrial membrane potential.

Acute arsenite-induced 8-hydroxyguanine is associated with inhibition of repair activity in cultured human cells.

Determination of arsenic metabolic complex excreted in human urine after administration of sodium 2,3-dimercapto-1-propane sulfonate.

Enhancement of allyl alcohol hepatotoxicity by endotoxin requires extrahepatic factors.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces Fas-dependent activation-induced cell death in superantigen-primed T cells.

Oxidative stress tolerance is manganese (Mn(2+)) regulated in *Streptococcus gordonii*.

Atypical mechanism of NF-kappaB activation during reoxygenation stress in microvascular endothelium: a role for tyrosine kinases.

Oxidative stress and gene transcription in asthma and chronic obstructive pulmonary disease: antioxidant therapeutic targets.

Analysis of paraquat, diquat and two diquat metabolites in biological materials by high-performance liquid chromatography.

Evidence that amyloid beta-peptide-induced lipid peroxidation and its sequelae in Alzheimer's disease brain contribute to neuronal death.

Chronic arsenic-exposed human prostate epithelial cells exhibit stable arsenic tolerance: mechanistic implications of altered cellular glutathione and glutathione S-transferase.

Enhanced resistance to salt, cold and wound stresses by overproduction of animal cell death suppressors Bcl-xL and Ced-9 in tobacco cells - their possible contribution through improved function of organelles.

Reconstitution of functional human B lymphocytes in NOD/SCID mice engrafted with ex vivo expanded CD34(+) cord blood cells.

2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in the zebrafish embryo: local circulation failure in the dorsal midbrain is associated with increased apoptosis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in the zebrafish embryo: local circulation failure in the dorsal midbrain is associated with increased apoptosis.

Lipid peroxidation in aging brain and Alzheimer's disease.

Nonylphenol polyethoxylate adjuvant mitigates the reproductive toxicity of fomesafen on the freshwater snail *Lymnaea stagnalis* in outdoor experimental ponds.

Calmodulin binding to the 3614-3643 region of RyR1 is not essential for excitation-contraction coupling in skeletal myotubes.

Resistance of isolated mammalian spinal cord white matter to oxygen-glucose deprivation.

Polyamines regulate beta-catenin tyrosine phosphorylation via Ca(2+) during intestinal epithelial cell migration.

Hypochlorous acid inhibits glutathione S-conjugate export from human erythrocytes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin is a possible activator of human cytomegalovirus replication in a human fibroblast cell line.

Origins and consequences of mitochondrial decline in nucleated erythrocytes.

The role of DDE, PCB, coplanar PCB and eggshell parameters for reproduction in the white-tailed sea eagle (*Haliaeetus albicilla*) in Sweden.

The effect of oxidative stress on ERalpha and ERbeta expression.

Development of a high throughput screening assay for mitochondrial membrane potential in living cells.

Oxidative bioactivation of crotyl alcohol to the toxic endogenous aldehyde crotonaldehyde: association of protein carbonylation with toxicity in mouse hepatocytes.

Inhibition of protein kinases A and C demonstrates dual modes of response in human eosinophils stimulated with platelet-activating factor.

Regulation of endothelin synthesis by extracellular matrix in human endothelial cells.

Risk assessment of dioxin contamination in human food.

Expression of hsp 90 in the human kidney and in proximal tubule cells exposed to heat, sodium arsenite and cadmium chloride.

HPLC measurement of harderoporphyrin in the harderian glands of rodents as a biomarker for sub-lethal or chronic arsenic exposure.

Mechanism of cytotoxicity of paraquat.

[Changes in the level of short-chain volatile fatty acids and their aldehydes in oral air and fluid during inflammation of oral tissues].

Distribution and elimination of polychlorinated dibenzo-p-dioxins, dibenzofurans, biphenyls, and p,p'-DDE in tissues of bald eagles from the Upper Peninsula of Michigan.

Activation of Wiskott-Aldrich syndrome protein and its association with other proteins by stromal cell-derived factor-1alpha is associated with cell migration in a T-lymphocyte line.

Impairment of ciprofloxacin absorption by calcium polycarbophil.

Candida albicans expresses a focal adhesion kinase-like protein that undergoes increased tyrosine phosphorylation upon yeast cell adhesion to vitronectin and the EA.hy 926 human endothelial cell line.

Synthesis and cytotoxic activity of N-(2-diethylamino)ethylcarboxamide and other derivatives of 10H-quindoline.

Induction of oxidative stress in the tissues of rats after chronic exposure to TCDD, 2,3,4,7,8-pentachlorodibenzofuran, and 3,3',4,4',5-pentachlorobiphenyl.

Comparative effects of TCDD, endrin, naphthalene and chromium (VI) on oxidative stress and tissue damage in the liver and brain tissues of mice.

Photoconsumption of oxygen in photosystem II preparations under impairment of the water-oxidizing complex.

Sensory nerve-mediated nasal vasodilatory response to inspired ethyl acrylate.

Chronic acquired dyskeratotic papulosis of the face.

Acute lethal toxicity of environmental pollutants to aquatic organisms.

Lipid peroxidation in neurodegeneration: new insights into Alzheimer's disease.

Thyroid toxicity due to subchronic exposure to a complex mixture of 16 organochlorines, lead, and cadmium.

Effects of benzo[a]pyrene exposure on a fish population resistant to the toxic effects of dioxin-like compounds.

Alteration in ovarian gene expression in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin: reduction of cyclooxygenase-2 in the blockage of ovulation.

Development of an in vitro test battery for the estimation of acute human systemic toxicity: An outline of the EDIT project. Evaluation-guided Development of New In Vitro Test Batteries.

The retinoid signaling system--a target in dioxin toxicity.

Expression of the mediators of dioxin toxicity, aryl hydrocarbon receptor (AHR) and the AHR nuclear translocator (ARNT), is developmentally regulated in mouse teeth.

Changes in gene expression profiles of human fibroblasts in response to sodium arsenite treatment.

Circulating lysozyme and hepatic CYP1A activities during a chronic dietary exposure to tributyltin (TBT) and 3,3',4,4',5-pentachlorobiphenyl (PCB-126) mixtures in channel catfish, *Ictalurus punctatus*.

Toxicity of single and mixed contaminants in seawater measured with acute toxicity bioassays.

Pesticide toxicity assessment using an electrochemical biosensor with *Pseudomonas putida* and a bioluminescence inhibition assay with *Vibrio fischeri*.

Acute toxicity of chlorophenols to earthworms using a simple paper contact method and comparison with toxicities to fresh water organisms.

Complestatin antagonizes the AMPA/kainate-induced neurotoxicity in cultured chick telencephalic neurons.

Merosin-integrin promotion of skeletal myofiber cell survival: Differentiation state-distinct involvement of p60Fyn tyrosine kinase and p38alpha stress-activated MAP kinase.

[Changes of thioredoxin mRNA level in neurons insulted by sodium azide].

The production of macrophage inflammatory protein-2 induced by soluble intercellular adhesion molecule-1 in mouse astrocytes is mediated by src tyrosine kinases and p42/44 mitogen-activated protein kinase.

Arsenic accumulation and metabolism in rice (*Oryza sativa* L.).

Induction of oxidative stress in rat epididymal sperm after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Mechanism and regulation of vitamin B(6) uptake by renal tubular epithelia: studies with cultured OK cells.

Effect of the new matrix metalloproteinase inhibitor RO-28-2653 on mitochondrial function.

The effects of glutathione and vitamin E on iron toxicity in isolated rat hepatocytes.

Oxidative stress in rat cortical neurons and astrocytes induced by paraquat in vitro.

Toxicity evaluation of new antifouling compounds using suspension-cultured fish cells.

Transplacental effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the temporal modulation of Sp1 DNA binding in the developing cerebral cortex and cerebellum.

Derivation, characterization, and phenotypic variation of hepatic progenitor cell lines isolated from adult rats.

Dioxin stimulates synthesis and secretion of IgE-dependent histamine-releasing factor.

Development and evaluation of an immunoassay for biological monitoring chlorophenols in urine as potential indicators of occupational exposure.

Urocortin, but not urocortin II, protects cultured hippocampal neurons from oxidative and excitotoxic cell death via corticotropin-releasing hormone receptor type I.

Multidrug-resistance *mdr1a/1b* double knockout mice are more sensitive than wild type mice to acute arsenic toxicity, with higher arsenic accumulation in tissues.

The major Cu,Zn SOD of the phytopathogen *Claviceps purpurea* is not essential for pathogenicity.

Cytoprotection against thermal injury: evaluation of herbimycin A by cell viability and cDNA arrays.

Contamination and toxic effects of persistent endocrine disrupters in marine mammals and birds.

TNF-alpha suppresses bone sialoprotein (BSP) expression in ROS17/2.8 cells.

Arsenic induces oxidative stress and activates stress gene expressions in cultured lung epithelial cells.

Mammalian cell cytotoxicity and genotoxicity analysis of drinking water disinfection by-products.

Ferritin induction protects cortical astrocytes from heme-mediated oxidative injury.

Neoductular progenitor cells regenerate hepatocytes in severely damaged liver: a comparative ultrastructural study.

Acute sodium arsenite treatment induces Cyp2a5 but not Cyp1a1 in the C57Bl/6 mouse in a tissue (kidney) selective manner.

Acute sodium arsenite administration induces pulmonary CYP1A1 mRNA, protein and activity in the rat.

Toxicity testing and chemical analyses of recycled fibre-based paper for food contact.

The Belgian PCB/dioxin incident: analysis of the food chain contamination and health risk evaluation.

A comparison of 60, 70, and 90 kDa stress protein expression in normal rat NRK-52 and human HK-2 kidney cell lines following in vitro exposure to arsenite and cadmium alone or in combination.

Variation of toxicity during the ozonation of monochlorophenolic solutions.

Sister chromatid exchange and proliferative rate index in the longitudinal risk assessment of occupational exposure to pesticides.

Proliferation and differentiation of ductular progenitor cells and littoral cells during the regeneration of the rat liver to CCl₄/2-AAF injury.

Influence of sodium arsenite on the genotoxicity of potassium dichromate and ethyl methanesulfonate: studies with the wing spot test in *Drosophila*.

Glucocorticoid-induced glucose release is abolished in trout hepatocytes with elevated hsp70 content.

Effect of acute and chronic alcohol treatment and their superimposition on lysosomal, cytoplasmic, and proteosomal protease activities in rat skeletal muscle in vivo.

Ethanol metabolism and transcription factor activation in pancreatic acinar cells in rats.

Dioxin increases reactive oxygen production in mouse liver mitochondria.

From the Centers for Disease Control and Prevention. Pesticide-related illnesses associated with the use of a plant growth regulator--Italy, 2001.

Captopril inhibits the pulmonary toxicity of paraquat in rats.

Vietnamese sisters with Grebe syndrome on a TV program in Japan.

Paraquat poisoning in sheep from contaminated water.

Inhibition of catalase activity with 3-amino-triazole enhances the cytotoxicity of the Alzheimer's amyloid-beta peptide.

Morphological study of 5-HT neurons and astroglial cells on brain of adult rats perinatal or chronically exposed to 2,4-dichlorophenoxyacetic acid.

Changes in plasma antiproteases in paraquat poisoned rats using micro two-dimensional electrophoretic analysis.

Neutropenia induced by paraquat poisoning.

Acute toxicity of the pesticides endosulfan and ametryne to the freshwater prawn *Macrobrachium rosenbergii* De Man.

Subacute toxicity of anilofos, a new organophosphorus herbicide in male rats: effect on lipid peroxidation and ATPase activity.

Subacute toxicity of anilofos, a new organophosphorus herbicide, in male rats: effect on some physical attributes and acetylcholinesterase activity.

A study of the developmental toxicity potential of pentachlorophenol in the rat.

Developmental toxicity study of pentachlorophenol in the rabbit.

Environmental and occupational skin diseases in Taiwan.

Impact of chemical warfare with agent orange on women's reproductive lives in Vietnam: a pilot study.

Toxicity and effects of 2,6-di-tert-butyl-4-methylphenyl N-methylcarbamate (terbutol) on hepatic cytochrome P450 in F344 rats.

Changes in concentrations of type IV collagen and tissue inhibitor of metalloproteinase-1 in patients with paraquat poisoning.

Suspected side effects of a herbicide on dung beetle populations (Coleoptera: Scarabaeidae).

The effect of the herbicide glyphosate on non-target spiders: Part II. Indirect effects on *Lepthyphantes tenuis* in field margins.

Surfactant and corticosteroid effects on lung function in a rat model of acute lung injury.

Glutathione-dependent resistance of the European eel *Anguilla anguilla* to the herbicide molinate.

Degradation in soil and water and ecotoxicity of rimsulfuron and its metabolites.

Pollution-induced community tolerance (PICT) and seasonal variations in the sensitivity of phytoplankton to atrazine in nanocosms.

[Cases of acute poisoning admitted to a medical intensive care unit].

Pesticide-related illnesses associated with the use of a plant growth regulator--Italy, 2001.

Paraquat in developing countries.

Effects of acute exposure to a commercial formulation of glyphosate on the tadpoles of two species of anurans.

Diquat poisoning of dairy cattle by topical application.

A test system to evaluate the susceptibility of Oregon, USA, native stream invertebrates to triclopyr and carbaryl.

Dilute diquat death.

Cardiac gene expression and synthesis of atrial natriuretic peptide in the nitrofen model of congenital diaphragmatic hernia in rats: effect of prenatal dexamethazone treatment.

Mechanisms of MPP(+) incorporation into cerebellar granule cells.

Restoring effects of vitamin A on surfactant synthesis in nitrofen-induced congenital diaphragmatic hernia in rats.

Lung tissue mechanics and extracellular matrix remodeling in acute lung injury.

Role of heat shock protein 60 (HSP60) on paraquat intoxication.

Very-long-chain fatty acid biosynthesis is inhibited by cafenstrole, N,N-diethyl-3-mesitylsulfonyl-1H-1,2,4-triazole-1-carboxamide and its analogs.

Attempted suicide by drug overdose and by poison-ingestion methods seen at the main general hospital in the Fiji islands: a comparative study.

Paraquat poisoning in a burn patient.

Amine metabolism: a novel path to coronary artery vasospasm.

Effects of atrazine on acetylcholinesterase activity in midges (*Chironomus tentans*) exposed to organophosphorus insecticides.

Effects of terbutryn on aufwuchs and *Lumbriculus variegatus* in artificial indoor streams.

Acute toxicity of 12 herbicides to the green algae *Chlorella pyrenoidosa* and *Scenedesmus obliquus*.

Gender difference in cytoprotection induced by estrogen on female and male bovine aortic endothelial cells.

Decreased plasma and cerebrospinal fluid glutamine concentrations in a patient with bialaphos poisoning.

An exploratory analysis of the effect of pesticide exposure on the risk of spontaneous abortion in an Ontario farm population.

Toxic effect caused on microflora of soil by pesticide picloram application.

Glutathione elevation and its protective role in acrolein-induced protein damage in synaptosomal membranes: relevance to brain lipid peroxidation in neurodegenerative disease.

[Genotoxic effect of the insecticides pentachlorophenol and lindane on human nasal mucosal epithelium].

Arsenic induces apoptosis in rat cerebellar neurons via activation of JNK3 and p38 MAP kinases.

Release of dopamine by perfusion with 1-methyl-4-phenylpyridinium ion (MPP(+)) into the striatum is associated with hydroxyl free radical generation.

Unique renal tubule changes induced in rats and mice by the peroxisome proliferators 2,4-dichlorophenoxyacetic acid (2,4-D) and WY-14643.

Assessment of pentachlorophenol-exposed timber workers using a test-of-poisoning model.

Agricultural exposure to carbamate pesticides and risk of non-Hodgkin lymphoma.

Metabolic complications of organophosphate and carbamate poisoning.

Serum dioxin and hepatic abnormalities in veterans of Operation Ranch Hand.

Toxic effects of MPP(+) and MPTP in PC12 cells independent of reactive oxygen species formation.

Decreased expression of the NADH:ubiquinone oxidoreductase (complex I) subunit 4 in 1-methyl-4-phenylpyridinium -treated human neuroblastoma SH-SY5Y cells.

Oxidative stress and liver toxicity in rats and human hepatoma cell line induced by pentachlorophenol and its major metabolite tetrachlorohydroquinone.

Human gingival fibroblast cytoskeleton is a target for volatile smoke components.

Cleavage of Bax is mediated by caspase-dependent or -independent calpain activation in dopaminergic neuronal cells: protective role of Bcl-2.

Designing herbicide formulation characteristics to maximize efficacy and minimize rice injury in paddy environments.

Prenatal exposure to nitrofen induces Fryns phenotype in mice.

Tracheal injury caused by ingested paraquat.

Evaluation of the toxicity of chemical compounds using digestive acini of the bivalve mollusc *Pecten maximus* L. maintained alive in vitro.

Disease associated with exposure to certain herbicide agents: type 2 diabetes. Final rule.

Continuing research into Gulf War illness.

The influence of suspended particles on the acute toxicity of 2-chloro-4-nitro-aniline, cadmium, and pentachlorophenol on the valve movement response of the zebra mussel (*Dreissena polymorpha*).

Effect of sulfosulfuron on the urine and urothelium of male rats.

Parkinsonism after glycine-derivate exposure.

Toxic effects of the herbicide 2,4-dichlorophenoxyacetic acid on lymphoid organs of the rat.

Proteasome inhibition in oxidative stress neurotoxicity: implications for heat shock proteins.

Acute diquat poisoning with intracerebral bleeding.

Differential effects of trivalent and pentavalent arsenicals on cell proliferation and cytokine secretion in normal human epidermal keratinocytes.

L-Deprenyl prevents the cell hypoxia induced by dopaminergic neurotoxins, MPP(+) and beta-carbolinium: a microdialysis study in rats.

Dimethylarsinic acid induces 8-hydroxy-2'-deoxyguanosine formation in the kidney of NCI-Black-Reiter rats.

[Paraquat poisoning: report of two cases and literature review].

Acute toxicity of 33 herbicides to the green alga *Chlorella pyrenoidosa*.

Prosaptide D5, a retro-inverso 11-mer peptidomimetic, rescued dopaminergic neurons in a model of Parkinson's disease.

Attenuation of paraquat-induced dopaminergic toxicity on the substantia nigra by (-)-deprenyl in vivo.

The effects of fluid motion on toxicant sensitivity of the rotifer *Brachionus calyciflorus*.

Evaluation of the mutagenic potential of the principal DNA adduct of acrolein.

Carcinogenicity assays of wood dust and wood additives in rats exposed by long-term inhalation.

Acrolein is increased in Alzheimer's disease brain and is toxic to primary hippocampal cultures.

The role of nitric oxide in paraquat-induced cytotoxicity in the human A549 lung carcinoma cell line.

Proliferation and differentiation of murine haemopoietic progenitor cells in stroma-free culture in the presence of metabolites of chlorinated pesticides.

Centrilobular endothelial cell injury by diquat in the selenium-deficient rat liver.

Paraquat poisoning in a family.

Effect of cigarette smoke extract on neonatal porcine vascular smooth muscle cells.

The toxicological effects of the herbicide 2,4-DCPA on progesterone levels and mortality in Wistar female rats.

Extensive protein carbonylation precedes acrolein-mediated cell death in mouse hepatocytes.

Glutamate is not involved in the MPP+-induced dopamine overflow in the striatum of freely moving C57BL/6 mice.

Effects of vapours of chlorpropham and ethofumesate on wild plant species.

Cytotoxic and genotoxic effects of As, MMA, and DMA on leukocytes and stimulated human lymphocytes.

Effects of atrazine and nicosulfuron on freshwater microalgae.

Chronic toxicity tests with *Daphnia magna* for examination of river water quality.

Effects of thiobencarb herbicide to an alga (*Nannochloris oculata*) and the cladoceran (*Daphnia magna*).

Association of elevated blood levels of pentachlorophenol (PCP) with cellular and humoral immunodeficiencies.

Pesticide poisoning initially suspected as a natural death.

Complications of chronic arsenic poisoning.

Subchronic oral toxicity of a combination of insecticide (HCH) and herbicide (ISP) in male rats.

Grebe syndrome in Vietnamese sisters: not Agent Orange.

Occupational exposure to pesticides and pancreatic cancer.

Pancreatitis induced by environmental toxins.

Urothelial cytotoxicity and regeneration induced by dimethylarsinic acid in rats.

Mortality in chemical workers potentially exposed to 2,4-dichlorophenoxyacetic acid (2,4-D) 1945-94: an update.

Combined effects of pentachlorophenol and salinity stress on chemiluminescence activity in two species of abalone.

Reduction in paraquat embryotoxicity by ascorbic acid in *Xenopus laevis*.

Hsp70 expression in *Enteromorpha intestinalis* (Chlorophyta) exposed to environmental stressors.

Dehydroepiandrosterone inhibits the death of immunostimulated rat C6 glioma cells deprived of glucose.

Arsenic-induced congenital malformations in genetically susceptible folate binding protein-2 knockout mice.

Mitochondria enter the nucleus (one further problem in chronic alcoholism).

Cigarette smoke inhibits human bronchial epithelial cell repair processes.

Substantia nigra neuromelanin: structure, synthesis, and molecular behaviour.

Cytogenetic effects of propyl gallate in CHO-K1 cells.

Inhibition of neutrophil apoptosis by acrolein: a mechanism of tobacco-related lung disease?

Serum dioxin and cognitive functioning among veterans of Operation Ranch Hand.

Serum dioxin and peripheral neuropathy in veterans of Operation Ranch Hand.

Measurement of inhibin A: a modification to an enzyme-linked immunosorbent assay.

Dependence of excitotoxic neurodegeneration on mitochondrial aconitase inactivation.

Pesticides directly accelerate the rate of alpha-synuclein fibril formation: a possible factor in Parkinson's disease.

GAPDH knockdown rescues mesencephalic dopaminergic neurons from MPP+ -induced apoptosis.

Immunohistochemical detection of lipid peroxidation products, protein-bound acrolein and 4-hydroxynonenal protein adducts, in actinic elastosis of photodamaged skin.

Hyperbaric oxygenation pretreatment induces catalase and reduces infarct size in ischemic rat myocardium.

Evaluation of acute sensory--motor effects and test sensitivity using termiticide workers exposed to chlorpyrifos.

Effect of tiagabine and topiramate on porphyrin metabolism in an in vivo model of porphyria.

Hydrogen peroxide removal and glutathione mixed disulfide formation during metabolic inhibition in mesencephalic cultures.

Differential role of superoxide and glutathione in S-nitrosoglutathione-mediated apoptosis: a rationale for mild forms of familial amyotrophic lateral sclerosis associated with less active Cu,Zn superoxide dismutase mutants.

Nitric oxide enhances MPP(+)-induced hydroxyl radical generation via depolarization activated nitric oxide synthase in rat striatum.

Increased susceptibility of copper-deficient neuroblastoma cells to oxidative stress-mediated apoptosis.

Chronic low-level administration of diquat increases the nociceptive response to gastric distension in rats: role of mast cells and tachykinin receptor activation.

Strain-dependent susceptibility to MPTP and MPP(+)-induced parkinsonism is determined by glia.

Overexpression of manganese superoxide dismutase protects lung epithelial cells against oxidant injury.

Glyphosate inhibits melanization of *Cryptococcus neoformans* and prolongs survival of mice after systemic infection.

Impaired spreading of surfactant phospholipids in the lungs of newborn rats with pulmonary hypoplasia as a model of congenital diaphragmatic hernia induced by nitrofen.

1,N(2)-propanodeoxyguanosine adduct formation in aortic DNA following inhalation of acrolein.

Dinitroaniline herbicides against protozoan parasites: the case of *Trypanosoma cruzi*.

Effects of chlorpropham (CIPC) on the hemopoietic system of rats.

Down-regulation of catalase gene expression in the doxorubicin-resistant AML subline AML-2/DX100.

Acrolein inhibits respiration in isolated brain mitochondria.

Biological effects of a nano red elemental selenium.

Influence of caffeine on allyl alcohol-induced hepatotoxicity in rats. I. In vivo study.

Glycerol metabolism in superoxide dismutase-deficient *Escherichia coli*.

Ceramide-mediated apoptosis in lung epithelial cells is regulated by glutathione.

Caspase-3 activation induced by inhibition of mitochondrial complex I is facilitated by glycogen synthase kinase-3 β and attenuated by lithium.

Increasing the glutathione content in a chilling-sensitive maize genotype using safeners increased protection against chilling-induced injury.

Comparative impacts of glutathione peroxidase-1 gene knockout on oxidative stress induced by reactive oxygen and nitrogen species in mouse hepatocytes.

Metabolism of 2-(4-methylsulphonyl-2-nitrobenzoyl)-1,3-cyclohexanedione (mesotrione) in rat and mouse.

Heat shock, copper sulfate and oxidative stress activate the retrotransposon MAGGY resident in the plant pathogenic fungus *Magnaporthe grisea*.

Metabolism of the phosphonate herbicide glyphosate by a non-nitrate-utilizing strain of *Penicillium chrysogenum*.

Auxin herbicides induce H₂O₂ overproduction and tissue damage in cleavers (*Galium aparine* L.).

Sensory-nerve-mediated nasal vasodilatory response to inspired acetaldehyde and acetic acid vapors.

Characterization of high temperature induced stress impairments in thylakoids of rice seedlings.

Identification of impurities in technical anilofos and their effect on transplanted rice.

Regulation of the plant-type 5'-adenylyl sulfate reductase by oxidative stress.

Brain catalase activity is highly correlated with ethanol-induced locomotor activity in mice.

Increased cysteine biosynthesis capacity of transgenic tobacco overexpressing an O-acetylserine(thiol) lyase modifies plant responses to oxidative stress.

Impaired activity of the extraneuronal monoamine transporter system known as uptake-2 in *Orct3/Slc22a3*-deficient mice.

Red blood cells inhibit activation-induced cell death and oxidative stress in human peripheral blood T lymphocytes.

The influence of oxidative stress on catalase and MnSOD gene transcription in astrocytes.

Cigarette smoke impairs neutrophil respiratory burst activation by aldehyde-induced thiol modifications.

Acute effect of ethanol on 7-hydroperoxycholesterol in muscle and liver.

Microtubules and vimentin associated filaments (VIFs) in cultured human gingival fibroblasts (HGFs) after exposure to acrolein and acetaldehyde.

Hyperoxia inhibits oxidant-induced apoptosis in lung epithelial cells.

The transcriptional and DNA binding activity of peroxisome proliferator-activated receptor alpha is inhibited by ethanol metabolism. A novel mechanism for the development of ethanol-induced fatty liver.

Watershed monitoring to address contamination source issues and remediation of the contaminant impairments.

Acrolein induces activation of the epidermal growth factor receptor of human keratinocytes for cell death.

Ion chromatographic analysis of selected free amino acids and cations to investigate the change of nitrogen metabolism by herbicide stress in soybean (glycine max).

Analysis of pesticide runoff from mid-Texas estuaries and risk assessment implications for marine phytoplankton.

Taurine modulates catalase, aldehyde dehydrogenase, and ethanol elimination rates in rat brain.

Role of tyrosine phosphorylation in ligand-independent sequestration of CXCR4 in human primary monocytes-macrophages.

B-lymphocytes from malignant hyperthermia-susceptible patients have an increased sensitivity to skeletal muscle ryanodine receptor activators.

[Effect of sideropenic anemia and its therapy on serum levels of leptin].

Comparative study of toxicity of 4-nitrophenol and 2,4-dinitrophenol in newborn and young rats.

Neurotoxicity of MPTP.

DJ-1 is an indicator for endogenous reactive oxygen species elicited by endotoxin.

Stereospecific antitumor activity of radicicol oxime derivatives.

Industrial chemicals and the horse.

Environmental contaminants as etiologic factors for diabetes.

Macrophage migration inhibitory factor as a redox-sensitive cytokine in cardiac myocytes.

Occupational risks for male fertility: an analysis of patients attending a tertiary referral centre.

Severity of oxidative stress generates different mechanisms of endothelial cell death.

Treatment of anemia with microencapsulated ferrous fumarate plus ascorbic acid supplied as sprinkles to complementary (weaning) foods.

Reduced expression of neuronal nicotinic acetylcholine receptors during the early stages of damage by oxidative stress in PC12 cells.

Developmental dental defects in children who reside by a river polluted by dioxins and furans.

Biochemical, neuropsychological, and neurological abnormalities following 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure.

Decreased lung function associated with perinatal exposure to Dutch background levels of dioxins.

[Acute intoxication in the child].

Effects on levels of glutathione and some related enzymes in tissues after an acute arsenic exposure in rats and their relationship to dietary protein deficiency.

Spontaneous abortion, sex ratio, and paternal occupational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Non-Hodgkin's lymphoma and specific pesticide exposures in men: cross-Canada study of pesticides and health.

Protection by dietary compounds against mutation in a transgenic rodent.

Agricultural risk factors for t(14;18) subtypes of non-Hodgkin's lymphoma.

Identification of genes induced in vivo during *Klebsiella pneumoniae* CG43 infection.

Mast cell regulation of inflammation and gene expression during antigen-induced bladder inflammation in mice.

[Epidemiology of soft tissue sarcomas in adults].

[A case of fatal acute sodium azide poisoning].

Three cases of acute methyl bromide poisoning in a seedling farm family.

p73 is a growth-regulated protein in vascular smooth muscle cells and is present at high levels in human atherosclerotic plaque.

Butylhydroxytoluene (BHT) increases susceptibility of transgenic rasH2 mice to lung carcinogenesis.

T-cell-based immunity counteracts the potential toxicity of glutamate in the central nervous system.

Familial intrahepatic cholestasis 1: studies of localization and function.

Arsenite is a cocarcinogen with solar ultraviolet radiation for mouse skin: an animal model for arsenic carcinogenesis.

The risk of endometriosis and exposure to dioxins and polychlorinated biphenyls: a case-control study of infertile women.

Chronic fatigue syndrome (CFS) associated with *Staphylococcus* spp. bacteremia, responsive to potassium arsenite 0.5% in a veterinary surgeon and his coworking wife, handling with CFS animal cases.

Complestatin is a noncompetitive peptide antagonist of N-methyl-D-aspartate and alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid/kainate receptors: secure blockade of ischemic neuronal death.

Effects of protein tyrosine kinase and protein tyrosine phosphatase on apical K(+) channels in the TAL.

Risk factors of Parkinson's disease in Indian patients.

Association of c-myc overexpression and hyperproliferation with arsenite-induced malignant transformation.

Methaemoglobinaemia and poisoning.

[Utilization of different iron concentrations on pregnant adolescents also supplemented with zinc and folate].

[Pseudo-Acanthosis nigricans in a 12 year old boy after kidney transplantation].

Social functioning, psychological functioning, and quality of life in epilepsy.

Do cool water or physiologic saline compresses enhance resolution of experimentally-induced irritant contact dermatitis?

Randomized, controlled trial of single versus 3-times-daily ferrous sulfate drops for treatment of anemia.

Risk assessment for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) based on an epidemiologic study.

Inhibition of tyrosine kinase activity induces caspase-dependent apoptosis in anaplastic large cell lymphoma with NPM-ALK (p80) fusion protein.

Dioxins in adipose tissue of non-occupationally exposed persons in France: correlation with individual food exposure.

Parkinsonism and occupational exposure to pesticides.

Persistent, low-dose 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure: effect on aryl hydrocarbon receptor expression in a dioxin-resistance model.

FLT3 tyrosine kinase as a target molecule for selective antileukemia therapy.

[CD7(+) acute myeloid leukemia (M0) associated with a mediastinal bulky mass lesion].

Severe 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) intoxication: clinical and laboratory effects.

Ecological variation of intake of cassava food and dietary cyanide load in Nigerian communities.

In utero/lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure impairs molar tooth development in rats.

Down-regulation of regulatory proteins for differentiation and proliferation in murine fetal hypoplastic lungs: altered mesenchymal-epithelial interactions.

Late confirmation of acute methyl bromide poisoning using S-methylcysteine adduct testing.

Aromatic hydrocarbon receptor-driven Bax gene expression is required for premature ovarian failure caused by biohazardous environmental chemicals.

Contribution of Mn-cofactored superoxide dismutase (SodA) to the virulence of *Streptococcus agalactiae*.

Absence of Crabtree effect in human melanoma cells adapted to growth at low pH: reversal by respiratory inhibitors.

Dioxin-inducible transactivation in a chromosomal setting. Analysis of the acidic domain of the Ah receptor.

[A case of chronic methyl bromide intoxication showing symmetrical lesions in the basal ganglia and brain stem on magnetic resonance imaging].

Role of metabolism in arsenic toxicity.

Oral administration of collagen conjugated with cholera toxin induces tolerance to type II collagen and suppresses chondritis in an animal model of autoimmune ear disease.

Induction of hepatic 8-oxo-deoxyguanosine adducts by 2,3,7,8-tetrachlorodibenzo-p-dioxin in Sprague-Dawley rats is female-specific and estrogen-dependent.

Concomitant supplemental vitamin A enhances the response to weekly supplemental iron and folic acid in anemic teenagers in urban Bangladesh.

Identification of rab7 as a melanosome-associated protein involved in the intracellular transport of tyrosinase-related protein 1.

Differential effects of circulating IgA isolated from patients with IgA nephropathy on superoxide and fibronectin production of mesangial cells.

Hepatic vitamin a depletion is a sensitive marker of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure in four rodent species.

Teratogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice lacking the expression of EGF and/or TGF-alpha.

Suppression of allergic immune responses to house dust mite (HDM) in rats exposed to 2,3,7,8-TCDD.

In utero and lactational treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs mammary gland differentiation but does not block the response to exogenous estrogen in the postpubertal female rat.

Albumin in the mg/l-range activates NF-kappaB in renal proximal tubule-derived cell lines via tyrosine kinases and protein kinase C.

Prenatal testosterone and luteinizing hormone levels in male rats exposed during pregnancy to 2,3,7,8-tetrachlorodibenzo-p-dioxin and diethylstilbestrol.

Environmental xenoestrogens, antiandrogens and disorders of male sexual differentiation.

The hepatitis B virus HBx protein induces adherens junction disruption in a src-dependent manner.

Exposure to the dioxin 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces squamous metaplasia in the endocervix of cynomolgus macaques.

Anorectal atresia. An experimental model in the rat.

Transgenic foods, pesticides, dioxin, passive smoke. Consequences on breast milk.

Interaction of estrogen and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) with hepatic fatty acid synthesis and metabolism of male chickens (*Gallus domesticus*).

Cardioprotective effect of propranolol from alcohol-induced heart muscle damage as assessed by plasma cardiac troponin-t.

Tyrosine kinase inhibitors in the treatment of chronic myeloid leukaemia: so far so good?

The genetic basis of endometriosis.

Health effects of dioxin exposure: a 20-year mortality study.

Protection of the Cyp1a2(-/-) null mouse against uroporphyrin and hepatic injury following exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Chronic toxicity of dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin to mink.

Fetal tracheal occlusion in the rat model of nitrofen-induced congenital diaphragmatic hernia: tracheal occlusion reverses the arterial structural abnormality.

Subchronic Exposure of [³H]- 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in female B6C3F1 mice: relationship of steady-state levels to disposition and metabolism.

Pinacidil prevents membrane depolarisation and intracellular Ca²⁺ loading in single cardiomyocytes exposed to severe metabolic stress.

Pyr c 1, the major allergen from pear (*Pyrus communis*), is a new member of the Bet v 1 allergen family.

Physiological modeling of a proposed mechanism of enzyme induction by TCDD.

3,4-Dichlorophenylhydroxylamine cytotoxicity in renal cortical slices from Fischer 344 rats.

The effects of sodium arsenite exposure on behavioral parameters in the rat.

Differential regulation of cytochrome P450 1A1 and 1B1 by a combination of dioxin and pesticides in the breast tumor cell line MCF-7.

Arrest of rat molar tooth development by lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Regulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced tumor promotion by 17 beta-estradiol in female Sprague-Dawley rats.

Effects of chronic sodium azide on brain and muscle cytochrome oxidase activity: a potential model to investigate environmental contributions to neurodegenerative diseases.

Collagen-induced arthritis.

[The changes of PCBs and PCDFs as well as symptoms in Yusho patients for 30 years].

Neural crest-derived defects in experimental congenital diaphragmatic hernia.

Gene expression of insulin-like growth factor-1 and epidermal growth factor is downregulated in the heart of rats with nitrofen-induced diaphragmatic hernia.

Impaired ovulation by 2,3,7,8 tetrachlorodibenzo-p-dioxin (TCDD) in immature rats treated with equine chorionic gonadotropin.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on weight gain and hepatic ethoxyresorufin-o-deethylase (EROD) induction vary with ovarian hormonal status in the immature gonadotropin-primed rat model.

Tampons, dioxins, and endometriosis.

Environmental pesticide exposure as a risk factor for Alzheimer's disease: a case-control study.

Association between canine malignant lymphoma, living in industrial areas, and use of chemicals by dog owners.

Analysis of gene expression induced by irritant and sensitizing chemicals using oligonucleotide arrays.

Effectiveness of treatment of iron-deficiency anemia in infants and young children with ferrous bis-glycinate chelate.

Presence of autoantibodies in the sera of Meniere's disease.

Fate of PCDF/PCB congeners and change of clinical symptoms in patients with Yusho PCB poisoning for 30 years.

Health risk assessment of dioxin emissions from municipal waste incinerators: the Neerlandquarter (Wilrijk, Belgium).

Method for evaluation of immunotoxicity of dioxin compounds using human T-lymphoblastic cell line, L-MAT.

Rhinotomy is disrupted during the re-innervation of the olfactory bulb that follows transection of the olfactory nerve.

Interaction of estrogen and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in immature male chickens (*Gallus domesticus*).

Will genetically modified foods be allergenic?

Absence of estrogen receptor-alpha expression in human ovarian clear cell adenocarcinoma compared with ovarian serous, endometrioid, and mucinous adenocarcinoma.

Nephrin redistribution on podocytes is a potential mechanism for proteinuria in patients with primary acquired nephrotic syndrome.

Structural immaturity of the heart in congenital diaphragmatic hernia in rats.

A randomized study of oral vs intravenous iron supplementation in patients with progressive renal insufficiency treated with erythropoietin.

Recent advances in arsenic carcinogenesis: modes of action, animal model systems, and methylated arsenic metabolites.

Parkinson's disease, pesticides and mitochondrial dysfunction.

Disruption of the genes for ClpXP protease in *Salmonella enterica* serovar Typhimurium results in persistent infection in mice, and development of persistence requires endogenous gamma interferon and tumor necrosis factor alpha.

Phosphorylation of xanthine dehydrogenase/oxidase in hypoxia.

Comparative analysis of amyloid-beta chemical structure and amyloid plaque morphology of transgenic mouse and Alzheimer's disease brains.

UCS15A, a non-kinase inhibitor of Src signal transduction.

[Pathogenetic rationale for inclusion of vitamin E in combined correction of iron deficiency anemia].

Autologous blood transfusion in oral and maxillofacial surgery patients with the use of erythropoietin.

Etiologic factors in soft tissue sarcomas.

[Prognostic indexes derived from ventricular morphology in congenital diaphragmatic hernia induced by nitrofen].

Crystallisation properties in stone forming and normal subjects' urine diluted using a standardised procedure to match the composition of urine in the distal part of the distal tubule and the middle part of the collecting duct.

[Chronic arsenicism].

Pesticide-related illness and injuries among banana workers in Costa Rica: a comparison between 1993 and 1996.

Toxicity of PCB-126 in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P4501A induction in several organ systems.

Toxicity of boron to rainbow trout: a weight-of-the-evidence assessment.

Effect of iron on the virulence of *Trichomonas vaginalis*.

Oxygen-induced vasodilation is blunted in pulmonary arterioles from fetal rats with nitrofen-induced congenital diaphragmatic hernia.

Quantitative relationship between arsenic exposure and AP-1 activity in mouse urinary bladder epithelium.

Relative effectiveness of iron bis-glycinate chelate (Ferrochel) and ferrous sulfate in the control of iron deficiency in pregnant women.

Notification of occupational and work-related diseases and poisonings in Malaysia, 1997-1998.

Subchronic sodium chlorate exposure in drinking water results in a concentration-dependent increase in rat thyroid follicular cell hyperplasia.

A Kampo formulation: Byakko-ka-ninjin-to (Bai-Hu-Jia-Ren-Sheng-Tang) inhibits IgE-mediated triphasic skin reaction in mice: the role of its constituents in expression of the efficacy.

Central retinal vein occlusion and nonarteritic ischemic optic neuropathy in 2 patients with mild iron deficiency anemia.

N-methyl-D-aspartate receptor-mediated mitochondrial Ca(2+) overload in acute excitotoxic motor neuron death: a mechanism distinct from chronic neurotoxicity after Ca(2+) influx.

Acquired resistance to Ah receptor agonists in a population of Atlantic killifish (*Fundulus heteroclitus*) inhabiting a marine superfund site: in vivo and in vitro studies on the inducibility of xenobiotic metabolizing enzymes.

Effect of diesel exhaust particles and their components on the allergen-specific IgE and IgG1 response in mice.

2,3,7,8-tetrachlorodibenzo-p-dioxin and natural immunity: lack of an effect on the complement system in a guinea pig model.

Autism and Parkinson's disease.

Glucosyltransferase inactivation reduces dental caries.

Low ferritin levels indicate the need for iron supplementation: strategy to minimize iron depletion in regular blood donors.

Capacity of mouse mast cells to prime T cells and to induce specific antibody responses in vivo.

Genetic events associated with arsenic-induced malignant transformation: applications of cDNA microarray technology.

Effect of oral administration of excessive iron in adult ponies.

Ethanol activates NFkappaB DNA binding and p56lck protein tyrosine kinase in human osteoblast-like cells.

Dopaminergic cell death induced by MPP(+), oxidant and specific neurotoxicants shares the common molecular mechanism.

BAPS prize-1999: Lung growth induced by prenatal tracheal occlusion and its modifying factors: a study in the rat model of congenital diaphragmatic hernia.

Uremic toxins and peritoneal dialysis.

Improving iron absorption from a Peruvian school breakfast meal by adding ascorbic acid or Na₂EDTA.

Dioxin exposure is an environmental risk factor for ischemic heart disease.

Bioavailability studies of a new iron source by means of the prophylactic-preventive method in rats.

Chemoprotection and interindividual differences in response to biological reactive intermediates.

Successful repigmentation of six cases of herpes-labialis-induced lip leucoderma by micropigmentation.

Bcl-2 overexpression decreases BCNU sensitivity of a human glioblastoma line through enhancement of catalase activity.

Final report on the safety assessment of Juniperus communis Extract, Juniperus oxycedrus Extract, Juniperus oxycedrus Tar, Juniperus phoenicea extract, and Juniperus virginiana Extract.

Iron deficiency anemia.

Insecticidal activity of glufosinate through glutamine depletion in a caterpillar.

Thyroid hormones, acute iron overload and the pathogenesis of cloudy swelling.

Pesticides as a cause of occupational skin diseases in farmers.

Preconditioning with sodium arsenite inhibits apoptotic cell death in rat kidney with ischemia/reperfusion or cyclosporine-induced injuries. The possible role of heat-shock protein 70 as a mediator of ischemic tolerance.

Sodium azide treatment decreases striatal and cortical concentrations of alpha-tocopherol in rats.

History of the development of arsenic derivatives in cancer therapy.

The effectiveness of weekly iron and vitamin supplementation of Malawian preschool children.

[Volatile compounds in air and oral saliva in healthy people, and in periodontitis and gingivitis patients].

Serum levels of TCDD and dioxin-like chemicals in Rhesus monkeys chronically exposed to dioxin: correlation of increased serum PCB levels with endometriosis.

Apolipoproteins prevent glomerular albumin permeability induced in vitro by serum from patients with focal segmental glomerulosclerosis.

Absorption of iron from unmodified maize and genetically altered, low-phytate maize fortified with ferrous sulfate or sodium iron EDTA.

Benzo[a]pyrene-induced toxicity: paradoxical protection in Cyp1a1(-/-) knockout mice having increased hepatic BaP-DNA adduct levels.

Overview of studies on rat sperm motion analysis using a Hamilton-Thorne Sperm Analyzer--collaborative working study.

Cyclic stretch enhances the expression and activity of coronary endothelium-derived hyperpolarizing factor synthase.

Cyclophosphamide induces caspase 9-dependent apoptosis in 9L tumor cells.

Cyclic AMP increases the survival of ganglion cells in mixed retinal cell cultures in the absence of exogenous neurotrophic molecules, an effect that involves cholinergic activity.

Effects of dioxins and polychlorinated biphenyls (PCBs) on thyroid function in infants born in Japan--the second report from research on environmental health.

An in vivo ESR spin-trapping study: free radical generation in rats from formate intoxication--role of the Fenton reaction.

Acute exposure to organochlorine pesticides does not affect striatal dopamine in mice.

Histopathological alterations and induction of cytochrome P-450 1A in the liver and gills of the gilthead seabream (*Sparus aurata*) exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Embryonic development assay with *Daphnia magna*: application to toxicity of aniline derivatives.

Effects of indomethacin on energy metabolism in rat and human jejunal tissue in vitro.

Acute exposure to arsenite induces metallothionein isoform-specific gene expression in human proximal tubule cells.

Cytochrome CYP2E1 phenotyping and genotyping in the evaluation of health risks from exposure to polluted environments.

Vicianin, prunasin, and beta-cyanoalanine in common vetch seed as sources of urinary thiocyanate in the rat.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) inhibition of coronary development is preceded by a decrease in myocyte proliferation and an increase in cardiac apoptosis.

Reproductive toxicity in mink (*Mustela vison*) chronically exposed to environmentally relevant polychlorinated biphenyl concentrations.

Melatonin suppresses homocysteine enhancement of serotonin-induced vasoconstriction in the human umbilical artery.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on bone in two rat strains with different aryl hydrocarbon receptor structures.

Functional expression of P-glycoprotein in rat brain microglia.

Kinetics of the protein-bound, lipophilic, uremic toxin p-cresol in healthy rats.

Methanol toxicity and formate oxidation in NEUT2 mice.

Long-lived polyclonal B-cell lines derived from midgestation mouse embryo lymphohematopoietic progenitors reconstitute adult immunodeficient mice.

Sensitive and specific multiresidue methods for the determination of pesticides of various classes in clinical and forensic toxicology.

Lidocaine and mexiletine inhibit mitochondrial oxidation in rat ventricular myocytes.

Formation of spiroiminodihydantoin nucleoside by reaction of 8-oxo-7,8-dihydro-2'-deoxyguanosine with hypochlorous acid or a myeloperoxidase-H₂O₂-Cl⁻ system.

Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and related compounds.

Suitability of the trans/cis ratio of unsaturated fatty acids in *Pseudomonas putida* NCTC 10936 as an indicator of the acute toxicity of chemicals.

Serine proteases increase oxidative stress in lung cells.

Clustering of hepatotoxins based on mechanism of toxicity using gene expression profiles.

Enhanced activation-induced cell death as a mechanism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced immunotoxicity in peripheral T cells.

Ascorbate and low concentrations of FeSO₄ induce Ca²⁺-dependent pore in rat liver mitochondria.

The regulation of FasL expression during activation-induced cell death (AICD).

Fatal poisoning by butachlor and chlornitrofen ingested from a bottle marked as nitrofen.

Cytotoxic effects of cigarette smoke extract on an alveolar type II cell-derived cell line.

TAT peptide on the surface of liposomes affords their efficient intracellular delivery even at low temperature and in the presence of metabolic inhibitors.

Involvement of cyclooxygenase-2 in the potentiation of allyl alcohol-induced liver injury by bacterial lipopolysaccharide.

Characteristics of transport of fluoresceinated methotrexate in rat small intestine.

Field Response of Glyphosate-Tolerant Soybean to Herbicides and Sudden Death Syndrome.

Glyoxal and methylglyoxal trigger distinct signals for map family kinases and caspase activation in human endothelial cells.

Toxicity characterisation of organic contaminants in stormwaters from an agricultural headwater stream in south east England.

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces apoptotic cell death and cytochrome P4501A expression in developing *Fundulus heteroclitus* embryos.

Dioxin toxicology and the aryl hydrocarbon receptor: insights from fish and other non-traditional models.

Human eosinophils induce histamine release from antigen-activated rat peritoneal mast cells: a possible role for mast cells in late-phase allergic reactions.

Oxy5, a novel protein from *Arabidopsis thaliana*, protects mammalian cells from oxidative stress.

Biliary excretion of temocapril in zone 1- and zone 3-injured rat.

Renal function, cytogenetic measurements, and sexual development in adolescents in relation to environmental pollutants: a feasibility study of biomarkers.

Strategies for neuroprotection against L-trans-2,4-pyrrolidine dicarboxylate-induced neuronal damage during energy impairment in vitro.

2, 3, 7, 8-tetrachlorodibenzo-p-dioxin induces apoptosis in the dorsal midbrain of zebrafish embryos by activation of arylhydrocarbon receptor.

Contractile activity-induced transcriptional activation of cytochrome C involves Sp1 and is proportional to mitochondrial ATP synthesis in C2C12 muscle cells.

[Effect of perftoran on experimental hepatitis].

Pressure drop and service life predictions for respirator canisters.

Production of superoxide anion, lipid peroxidation and DNA damage in the hepatic and brain tissues of rats after subchronic exposure to mixtures of TCDD and its congeners.

Polychlorinated biphenyls, polychlorinated dibenzo-p-dioxins, and polychlorinated dibenzofurans as endocrine disrupters--what we have learned from Yusho disease.

Inhibition of liver methionine adenosyltransferase gene expression by 3-methylcolanthrene: protective effect of S-adenosylmethionine.

The rinosomes of senescing plant tissue bud from the endoplasmic reticulum.

Delivery of genes encoding cardiac K(ATP) channel subunits in conjunction with pinacidil prevents membrane depolarization in cells exposed to chemical hypoxia-reoxygenation.

Cyclopentenone prostaglandins as potential inducers of intracellular oxidative stress.

Differential requirements for ERK1/2 and P38 MAPK activation by thrombin in T cells. Role of P59Fyn and PKCepsilon.

Potential of arsenic-induced cytotoxicity by sulfur amino acid deprivation (SAAD) through activation of ERK1/2, p38 kinase and JNK1: the distinct role of JNK1 in SAAD-potentiated mercury toxicity.

Leaf optical properties in higher plants: linking spectral characteristics to stress and chlorophyll concentration.

Phenol derivatives accelerate inactivation kinetics in one inactivation-deficient mutant human skeletal muscle Na(+) channel.

Astrocytes overexpressing Cu,Zn superoxide dismutase have increased resistance to oxidative injury.

Aryl hydrocarbon receptor-deficient mice generate normal immune responses to model antigens and are resistant to TCDD-induced immune suppression.

Increase in number and size of kidney concretions as a result of PCP exposure in the freshwater snail *Planorbium corneum* (Gastropoda, Pulmonata).

The use of dogs as second species in regulatory testing of pesticides. Part II: Subacute, subchronic and chronic studies in the dog.

Effects of staurosporine, U-73122, wortmannin, 4-hydroxynonenal and sodium azide upon the release of secreted beta-amyloid precursor protein from human platelets in response to thrombin stimulation.

Src tyrosine kinases and extracellular signal-regulated kinase 1/2 mitogen-activated protein kinases mediate pressure-induced c-fos expression in cannulated rat mesenteric small arteries.

Heterogeneity and plasticity of hepatocyte lineage cells.

The role of time as a quantifiable variable of toxicity and the experimental conditions when Haber's $c \times t$ product can be observed: implications for therapeutics.

Immunomodulation of ABA function affects early events in somatic embryo development.

Potential for Integrated Control of *Sclerotinia sclerotiorum* in Glasshouse Lettuce Using *Coniothyrium minitans* and Reduced Fungicide Application.

[Inhibitory effects of tea polyphenols and vitamin C on lipid peroxidation induced by FeSO₄-cysteine in isolated human plasma and carbon tetrachloride-induced liver free radical injury in mice].

Mitochondrial adaptation to in vivo polyunsaturated fatty acid deficiency: increase in phosphorylation efficiency.

Associations of blood levels of PCB, HCHS, and HCB with numbers of lymphocyte subpopulations, in vitro lymphocyte response, plasma cytokine levels, and immunoglobulin autoantibodies.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of different cytotoxins on cytochrome P450 mediated monooxygenase functions and on oxidative state.

SoxR-dependent response to oxidative stress and virulence of *Erwinia chrysanthemi*: the key role of SufC, an orphan ABC ATPase.

Ergot alkaloid transport across ruminant gastric tissues.

Prolonged hypoxia during cell development protects mature manganese superoxide dismutase-deficient astrocytes from damage by oxidative stress.

Cytochrome P450 2E1 metabolically activates propargyl alcohol: propionaldehyde-induced hepatocyte cytotoxicity.

Case study on chronic organophosphate poisoning.

Cultured rat vascular smooth muscle cells are resistant to methylamine toxicity: no correlation to semicarbazide-sensitive amine oxidase.

Oral versus intravenous iron supplementation in peritoneal dialysis patients.

Beneficial effect of nitric oxide synthase inhibitor on hepatotoxicity induced by allyl alcohol.

Toxic effects of arsenic (III) on some hematopoietic and central nervous system variables in rats and guinea pigs.

Acclimative changes in root epidermal cell fate in response to Fe and P deficiency: a specific role for auxin?

Full life-cycle toxicity assessment using rotifer resting egg production: implications for ecological risk assessment.

Nitroxide TEMPOL impairs mitochondrial function and induces apoptosis in HL60 cells.

Cepharanthine activates caspases and induces apoptosis in Jurkat and K562 human leukemia cell lines.

Development of quantitative structure-activity relationship (QSAR) models for predicting risk of exposure from carcinogens in animals.

Toxicity of pesticides to aquatic microorganisms: a review.

Development of a free beta-galactosidase in vitro test for the assessment of heavy metal toxicity.

Measurement of plasma metabolites of (S)-5-[123I]iodo-3-(2-azetidylmethoxy)pyridine (5-IA-85380), a nicotinic acetylcholine receptor imaging agent, in nonhuman primates.

Clonal anergy induced in a CD8+ hapten-specific cytotoxic T-cell clone by an altered hapten-peptide ligand.

Effects of tyrosine kinase inhibitors on cell death induced by sodium fluoride and pertussis toxin in the pancreatic beta-cell line, RINm5F.

Inhalation toxicity studies of the alpha,beta-unsaturated ketones: 2-cyclohexene-1-one.

Effects of subchronic exposure to complex mixtures of dioxin-like and non-dioxin-like polyhalogenated aromatic compounds on thyroid hormone and vitamin A levels in female Sprague-Dawley rats.

Associations between laboratory parameters and outcome of paraquat poisoning.

The nigrostriatal dopaminergic system as a preferential target of repeated exposures to combined paraquat and maneb: implications for Parkinson's disease.

Acute and repeated vapor exposure toxicology of 3-(methylthio)propionaldehyde.

The effects of atrazine on female wistar rats: an evaluation of the protocol for assessing pubertal development and thyroid function.

The antioxidant ebselen prevents neurotoxicity and clinical symptoms in a primate model of Parkinson's disease.

Folic acid protects SWV/Fnn embryo fibroblasts against arsenic toxicity.

Cytogenetic studies of three triazine herbicides. II. In vivo micronucleus studies in mouse bone marrow.

Induction of centrosome injury, multipolar spindles and multipolar division in cultured V79 cells exposed to dimethylarsinic acid: role for microtubules in centrosome dynamics.

Evolution of alachlor-induced nasal neoplasms in the Long-Evans rat.

[Paraquat poisoning. A study of 29 cases and evaluation of the effectiveness of the "Caribbean scheme"].

Acrolein, a product of lipid peroxidation, inhibits glucose and glutamate uptake in primary neuronal cultures.

Mortality and cancer incidence among Swedish lumberjacks exposed to phenoxy herbicides.

Evaluation of dietary and environmental risk factors for hyperthyroidism in cats.

Chronic ingestion of a potential food contaminant induces gastrointestinal inflammation in rats: role of nitric oxide and mast cells.

[Toxicity and hazards of the herbicide starane 200].

The molecular effects of acrolein.

Effects of in utero exposure to linuron on androgen-dependent reproductive development in the male CrI:CD(SD)BR rat.

[Poisonings with the herbicides glyphosate and glyphosate-trimesium].

Chronic toxicity and oncogenicity bioassay in rats with the chloro-s-triazine herbicide cyanazine.

Aneugenic effects of some metal compounds assessed by chromosome counting in MRC-5 human cells.

A novel leg-shaking *Drosophila* mutant defective in a voltage-gated K(+) current and hypersensitive to reactive oxygen species.

Lung toxicity of paraquat in the rat.

Potentiated and preferential effects of combined paraquat and maneb on nigrostriatal dopamine systems: environmental risk factors for Parkinson's disease?

Acetochlor-induced rat nasal tumors: further studies on the mode of action and relevance to humans.

A meta-analysis of Parkinson's disease and exposure to pesticides.

Comparative toxicity of trivalent and pentavalent inorganic and methylated arsenicals in rat and human cells.

Roundup inhibits steroidogenesis by disrupting steroidogenic acute regulatory (StAR) protein expression.

Clinical presentations and prognostic factors of a glyphosate-surfactant herbicide intoxication: a review of 131 cases.

The selective toxicity of 1-methyl-4-phenylpyridinium to dopaminergic neurons: the role of mitochondrial complex I and reactive oxygen species revisited.

In vivo cytokine production and resistance to infection after acute exposure to 3,4-dichloropropionaniline.

[The problem of prophylaxis of dioxin intoxication (review of the literature)].

Development of a fish in vitro cell culture model to investigate oxidative stress and its modulation by dietary vitamin E.

Immunodetection of hepatic peroxisomal PMP70 as an indicator of peroxisomal proliferation in the mummichog, *Fundulus heteroclitus*.

Effects of environmental pollutants on airways, allergic inflammation, and the immune response.

Propofol improves recovery from paraquat acute toxicity in vitro and in vivo.

Subchronic toxicity of chlorpropham (CIPC) in ICR mice.

Estrogen reduces acute striatal dopamine responses in vivo to the neurotoxin MPP+ in female, but not male rats.

Correlating the severity of paraquat poisoning with specific hemodynamic and oxygen metabolism variables.

The effect of exposure to a commercial 2,4-D herbicide formulation during gestation on urethan-induced lung adenoma formation in CD-1 mice.

[Pentachlorophenol poisoning. Report of 4 cases and review of the literature].

Occupation and prostate cancer risk in Sweden.

Prolonged cholestasis after acute paraquat poisoning through skin absorption.

Role of glutathione in Thiobencarb resistance in the European eel *Anguilla anguilla*.

Recent advances in understanding the pathogenesis of nitrofen-induced congenital diaphragmatic hernia.

Ethane sulfonate metabolite of alachlor: assessment of oncogenic potential based on metabolic and mechanistic considerations.

No significant paraquat-induced oxidative DNA damage in rats.

NMDA receptor activation: critical role in oxidant tissue injury.

Effects of methacrolein on the respiratory tract in mice.

Air toxics and health risks in California: the public health implications of outdoor concentrations.

Safety evaluation and risk assessment of the herbicide Roundup and its active ingredient, glyphosate, for humans.

Cyanamide-induced liver dysfunction after abstinence in alcoholics: a long-term follow-up study on four cases.

Comparison of cyanamide and disulfiram in effects on liver function.

Effects of L-2-oxothiazolidine-4-carboxylate on the cytotoxic activity and toxicity of cyclophosphamide in mice bearing B16F10 melanoma liver metastases.

Acute metobromuron poisoning with severe associated methemoglobinemia. Identification of four metabolites in plasma and urine by LC-DAD, LC-ESI-MS, and LC-ESI-MS-MS.

[A cluster of doubts].

A fatal case of chlorate poisoning: confirmation by ion chromatography of body fluids.

Volatile components of cigarette smoke: effect of acrolein and acetaldehyde on human gingival fibroblasts in vitro.

Sex differences in diquat-induced hepatic necrosis and DNA fragmentation in Fischer 344 rats.

Quantitative determination of paraquat in a fatal intoxication by HPLC-DAD following chemical reduction with sodium borohydride.

Ligation of the bronchial artery in sheep attenuates early pulmonary changes following exposure to smoke.

Stimulated pulmonary cell hyperplasia underlies resistance to alpha-naphthylthiourea.

Genotoxicity testing of five herbicides in the *Drosophila* wing spot test.

[Pesticide poisoning].

1-Methyl-6,7-dihydroxy-1,2,3,4-tetrahydroisoquinoline (salsolinol) is toxic to dopaminergic neuroblastoma SH-SY5Y cells via impairment of cellular energy metabolism.

Detection of 2,4-dichlorophenoxyacetic acid (2,4-D) residues in neonates breast-fed by 2,4-D exposed dams.

A long-term follow-up of lung function in survivors of paraquat poisoning.

Atrazine disrupts the hypothalamic control of pituitary-ovarian function.

Development of methods for evaluating toxicity to freshwater ecosystems.

Uptake, toxicity, and effects on detoxication enzymes of atrazine and trifluoroacetate in embryos of zebrafish.

Acute and chronic toxicity of the herbicide benzofenap (Taipan 300) to *Chironomus tepperi* Skuse (Diptera: Chironomidae) and *Isidorella newcombi* (Adams and Angas) (Gastropoda: Planorbidae).

A new diquat derivative appropriate for colourimetric measurements of biological materials in the presence of paraquat.

Clinical effects and plasma concentration determination after 2,4-dichlorophenoxyacetic acid 200 mg/kg administration in the dog.

[Liver steatosis and disorders of mitochondrial oxidative phosphorylation after experimental administration of simazine].

Paraquat-induced lipid peroxidation and injury in Ehrlich ascites tumor cells.

Use of the *Drosophila* wing spot test in the genotoxicity testing of different herbicides.

The antihypertensive hydralazine is an efficient scavenger of acrolein.

[The ultrastructural changes in the cellular lining of lymph node sinuses in organochlorine pesticide poisoning].

6-Hydroxydopamine toxicity towards human SH-SY5Y dopaminergic neuroblastoma cells: independent of mitochondrial energy metabolism.

A case of transient diabetes insipidus associated with poisoning by a herbicide containing glufosinate.

A case of fatal diquat poisoning: toxicokinetic data and autopsy findings.

Mechanisms of toxicity, clinical features, and management of diquat poisoning: a review.

Mechanisms of toxicity, clinical features, and management of acute chlorophenoxy herbicide poisoning: a review.

[Acute pesticide poisoning].

Pulmonary protective effects of curcumin against paraquat toxicity.

Disorders of male rat reproductive tract under the influence of atrazine.

Hepatic disposition of neurotoxins and pesticides.

Ethanol potentiates hypoxic liver injury: role of hepatocyte Na(+) overload.

Disrupted mitochondrial electron transport function increases expression of anti-apoptotic bcl-2 and bcl-X(L) proteins in SH-SY5Y neuroblastoma and in Parkinson disease cybrid cells through oxidative stress.

Circulating thyroglobulin transcytosed by thyroid cells in complexed with secretory components of its endocytic receptor megalin.

Nonoxidative protein glycation is implicated in familial amyotrophic lateral sclerosis with superoxide dismutase-1 mutation.

Cephaloridine-induced inhibition of cytochrome c oxidase activity in the mitochondria of cultured renal epithelial cells (LLC-PK(1)) as a possible mechanism of its nephrotoxicity.

Role of reactive oxygen intermediates in the decrease of hepatic cytochrome P450 activity by serum of humans and rabbits with an acute inflammatory reaction.

Seasonal changes in lung function in a farming population.

Results of dental amalgam removal and mercury detoxification using DMPS and neural therapy.

Cyclophosphamide-induced cystitis in freely-moving conscious rats: behavioral approach to a new model of visceral pain.

DMPS-arsenic challenge test. II. Modulation of arsenic species, including monomethylarsonous acid (MMA(III)), excreted in human urine.

Dystrophin mutations predict cellular susceptibility to oxidative stress.

The role of orally administered dimethylarsinic acid, a main metabolite of inorganic arsenics, in the promotion and progression of UVB-induced skin tumorigenesis in hairless mice.

Interaction among mitochondria, mitogen-activated protein kinases, and nuclear factor-kappaB in cellular models of Parkinson's disease.

Time course of changes in endothelium-dependent and -independent relaxation of chronically diabetic aorta: role of reactive oxygen species.

Copper chaperone for superoxide dismutase is essential to activate mammalian Cu/Zn superoxide dismutase.

Reactive oxygen species-specific mechanisms of drug resistance in paraquat-resistant acute myelogenous leukemia sublines.

Evaluation of a novel antimicrobial polymer for the control of porcine postweaning colibacillosis.

Antenatal dexamethasone enhances endothelin receptorB expression in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats.

Potassium chloride depolarization enhances MPP⁺-induced hydroxyl radical generation in the rat striatum.

Metabolic effects of 1-methyl-4-phenylpyridinium (MPP⁺) in primary neuron cultures.

Preliminary results on embryo rescue for circumventing hybridization barriers in Asparagus.

Protein oxidation and degradation during cellular senescence of human BJ fibroblasts: part I--effects of proliferative senescence.

Acute ethanol decreases NPY mRNA but not POMC mRNA in the arcuate nucleus.

Different cell death mechanisms and gene expression in human cells induced by pentachlorophenol and its major metabolite, tetrachlorohydroquinone.

Prevention of 1-methyl-4-phenylpyridinium- and 6-hydroxydopamine-induced nitration of tyrosine hydroxylase and neurotoxicity by EUK-134, a superoxide dismutase and catalase mimetic, in cultured dopaminergic neurons.

The role of conjugation in hepatotoxicity of troglitazone in human and porcine hepatocyte cultures.

7-Hydroperoxycholesterol as a marker of oxidative stress in rat kidney induced by paraquat.

Deregulated manganese superoxide dismutase expression and resistance to oxidative injury in p53-deficient cells.

MPP⁺ injection into rat substantia nigra causes secondary glial activation but not cell death in the ipsilateral striatum.

Role of phosphoglucomutase of *Bordetella bronchiseptica* in lipopolysaccharide biosynthesis and virulence.

[Toxicity of anti-herbicide gene (BAR) transgenic rice].

Catalases and thioredoxin peroxidase protect *Saccharomyces cerevisiae* against Ca²⁺-induced mitochondrial membrane permeabilization and cell death.

Cyanamide-induced activation of the hypothalamo-pituitary-adrenal axis.

Involvement of CDSP 32, a drought-induced thioredoxin, in the response to oxidative stress in potato plants.

Effects of yukmi, an herbal formula, on the liver of senescence accelerated mice (SAM) exposed to oxidative stress.

A theoretical study on the metabolic requirements resulting from alpha-ketoglutarate-dependent cleavage of phenoxyalkanoates.

The genetic toxicity of 3,3',4,4'-tetrachloroazobenzene and 3,3',4,4'-tetrachloroazoxybenzene: discordance between acute mouse bone marrow and subchronic mouse peripheral blood micronucleus test results.

The human cytochrome P450 1A1 mRNA is rapidly degraded in HepG2 cells.

Liver tumor-promoting activity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in TCDD-sensitive and TCDD-resistant rat strains.

Teratological effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): induction of cleft palate in the ddY and C57BL/6 mouse.

Bovine embryo culture in vitro: new developments and post-transfer consequences.

The mercapturic acid biotransformation pathway of hexachlorobenzene is not involved in the induction of splenomegaly, or skin and lung lesions in the Brown Norway rat.

Short-term developmental outcome of iron prophylaxis in infants.

[Long-term effects of dioxin on human health and sex ratio].

Failure of Ah receptor to mediate induction of cytochromes P450 in the CYP1 family in the human hepatoma line SK-Hep-1.

Immunologic effects of background exposure to polychlorinated biphenyls and dioxins in Dutch preschool children.

Prenatal dexamethasone rescues heart hypoplasia in fetal rats with congenital diaphragmatic hernia.

Joint effects of nine polychlorinated biphenyl (PCB) congeners on breast cancer risk.

Environmental factors in infertility.

Structure of the primordial diaphragm and defects associated with nitrofen-induced CDH.

Spinotrapezius muscle microcirculatory function: effects of surgical exteriorization.

In vivo labeling of mitochondrial complex I (NADH:ubiquinone oxidoreductase) in rat brain using [(3)H]dihydrorotenone.

Lung hypoplasia in the nitrofen model of congenital diaphragmatic hernia occurs early in development.

Association of the human papillomavirus type 11 E1(E4) protein with cornified cell envelopes derived from infected genital epithelium.

2,2',4,6,6'-pentachlorobiphenyl induces apoptosis in human monocytic cells.

[Bernardino Ramazzini. Ante litteram epidemiologist].

[Membrane disorder and free radical].

Chronic peritoneal inflammation by cyanate in rats.

[Diagnosis of acute poisoning].

Elective coronary and valve surgery without blood transfusion in patients treated with recombinant human erythropoietin (epoetin-alpha).

Induction of lung lesions in female rats following chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Pharmacological treatment of obesity. Past, present, and future.

The impact of weekly iron supplementation on the iron status and growth of adolescent girls in Tanzania.

Protective effects of herbimycin A on hepatic reperfusion injury.

Cyanate as a hemolytic factor.

Arsenic methylation capacity and skin cancer.

Iron deficiency due to excessive therapeutic phlebotomy in hemochromatosis.

Punctate keratoderma-like lesions on the palms and soles in a patient with chloracne: a new clinical manifestation of dioxin intoxication?

Urinary excretion of glycosaminoglycans in patients with isolated nocturnal enuresis or combined with diurnal incontinence.

Effect of *Withania somnifera* glycowithanolides on iron-induced hepatotoxicity in rats.

Acceleration of phosphatidylcholine synthesis and breakdown by inhibitors of mitochondrial function in neuronal cells: a model of the membrane defect of Alzheimer's disease.

Syndecan-1-dependent homotypic cell adhesion in HT58 lymphoma cells.

An alternative interpretation of nanobacteria-induced biomineralization.

New substituted 1-(2,3-dihydrobenzo[1,4]dioxin-2-ylmethyl)piperidin-4-yl derivatives with alpha(2)-adrenoceptor antagonist activity.

[Effect of sodium azide on mitochondrial membrane potential in SH-SY5Y human neuroblastoma cells].

SERCA function declines with age in adrenergic nerves from the superior cervical ganglion.

Are ferric compounds useful in treatment of iron deficiency anemia?

Subjective symptoms due to solvent mixtures, dioxin, and toluene: impact of exposure versus personality factors.

Heart-related indices in experimental diaphragmatic hernia.

Injection of iron compounds followed by induction of the stress response causes tissue injury and apoptosis.

Central versus peripheral mediation of naloxone's perfusion effects in endotoxic rats.

Ovarian tumors in rats induced by chronic 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment.

Three truncated forms of serum albumin associated with pancreatic pseudocyst.

Taxol mediates serine phosphorylation of the 66-kDa Shc isoform.

Fewer T lymphocytes and decreased pulmonary influenza virus burden in mice exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Dose-response relationships for induction of CYP1A1 and CYP1A2 enzyme activity in liver, lung, and skin in female mice following subchronic exposure to polychlorinated biphenyls.

Novel oxime derivatives of radicicol induce erythroid differentiation associated with preferential G(1) phase accumulation against chronic myelogenous leukemia cells through destabilization of Bcr-Abl with Hsp90 complex.

Effect of prenatal tetrandrine therapy on pulmonary vascular structural remodeling in the nitrofen-induced CDH rat model.

Effects of polychlorinated biphenyls on the nervous system.

The dioxin in chicken incident in Belgium in 1999: trouble or trifle?

Soft tissue sarcomas in the general population living near a chemical plant in Northern Italy.

[Prophylaxis of anemia of prematurity with erythropoietin. Case control study].

Experts' assessment of probability and level of pesticide exposure in agricultural workers.

Low concentrations of 17beta-estradiol protect single cardiac cells against metabolic stress-induced Ca²⁺ loading.

Changes in free and esterified cholesterol: hallmarks of acute renal tubular injury and acquired cytoresistance.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on initiation and promotion of GST-P-positive foci in rat liver: A quantitative analysis of experimental data using a stochastic model.

Identification of glycosomes and metabolic end products in pathogenic and nonpathogenic strains of *Cryptobia salmositica* (Kinetoplastida: Bodonidae).

Rapid inhibition by sodium azide of the phosphoinositide-mediated calcium response to serotonin stimulation in human platelets: preservation in Alzheimer's disease.

Acquired progressive kinking of the hair in a Japanese girl.

Alterations of the rat mesentery vasculature in experimental diabetes.

In vivo, in utero microscopic magnetic resonance imaging: application in a rat model of diaphragmatic hernia.

Subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin modulates the pathophysiology of endometriosis in the cynomolgus monkey.

Reproductive, neuroendocrine, and immune consequences of acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in the Siberian hamster.

In vitro evidence that lipopolysaccharide of an oral pathogen leaks from root-end filled teeth.

Endocytic recycling is required for the presentation of an exogenous peptide via MHC class II molecules.

Effect of daily and intermittent iron supplementation on iron status of high school girls.

Soft-tissue sarcoma and non-Hodgkin's lymphoma clusters around a municipal solid waste incinerator with high dioxin emission levels.

Antiplatelet therapy alters iron requirements in hemodialysis patients.

Iron requirements in pregnancy and strategies to meet them.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin induces developmental defects in the rat vagina.

A retrospective job exposure matrix for estimating exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Apolipoprotein E allele-dependent antioxidant activity in brains with Alzheimer's disease.

NT2 neurons, a classical model for Alzheimer's disease, are highly susceptible to oxidative stress.

The t(1;12)(q21;p13) translocation of human acute myeloblastic leukemia results in a TEL-ARNT fusion.

Assessment of mitochondrial energy coupling in vivo by ¹³C/³¹P NMR.

Clinical and environmental isolates of *Burkholderia cepacia* exhibit differential cytotoxicity towards macrophages and mast cells.

"Difficult-to-treat" asthma-like symptoms in a 12-yr-old atopic female.

Airbag dermatitis.

Ligation of IgE receptors causes an anaphylactic response and neutrophil infiltration but does not induce eosinophilic inflammation in mice.

Effects of erythropoietin therapy on iron absorption in chronic renal failure.

Iron supplementation affects the production of pro-inflammatory cytokines in IL-10 deficient mice.

Effects of 2,4-dichlorophenol on the net-spinning behavior of *Hydropsyche slossonae* larvae (Trichoptera; Hydropsychidae), an early warning signal of chronic toxicity.

Down-regulation of thyroid transcription factor-1 gene expression in fetal lung hypoplasia is restored by glucocorticoids.

Retinal degeneration in licensed pesticide applicators.

Effect of adenosine on adenosine triphosphate-sensitive potassium channel during hypoxia in rat hippocampal neurons.

Identification of the copper-zinc superoxide dismutase activity in *Mycoplasma hyopneumoniae*.

Response to replacement iron therapy in sideropenic individuals with recrudescing herpes labialis.

Astrocytes generate isoprostanes in response to trauma or oxygen radicals.

Effect of CGS 26303, an endothelin-converting enzyme-neutral endopeptidase inhibitor, on nitrofen-induced congenital diaphragmatic hernia in the rat.

Uncoupling of intestinal mitochondrial oxidative phosphorylation and inhibition of cyclooxygenase are required for the development of NSAID-enteropathy in the rat.

p-Cresol sulfate is the dominant component of urinary myelin basic protein like material.

Occupational exposures and pancreatic cancer: a meta-analysis.

Role of manganese-containing superoxide dismutase in oxidative stress and virulence of *Streptococcus pneumoniae*.

Analysis of difference in vivo effects of TCDD between c-src +/+ mice, c-src deficient, +/- and -/- B6, 129-Src(tm 1 sor) mice and their wild-type littermates.

Dioxins: WHO's tolerable daily intake (TDI) revisited.

Occupational exposure to chlorophenol and the risk of nasal and nasopharyngeal cancers among U.S. men aged 30 to 60.

Transfer factors: identification of conserved sequences in transfer factor molecules.

[An analysis of the immunity indices of patients with iron-deficiency anemia].

Studies of cancer in humans.

Human health effects after exposure to 2,3,7,8-TCDD.

Animal studies addressing the carcinogenicity of TCDD (or related compounds) with an emphasis on tumour promotion.

Non-carcinogenic effects of TCDD in animals.

Caspase-3 protease activation during the process of genistein-induced apoptosis in TM4 testicular cells.

The effectiveness of weekly iron supplementation in pregnant women of rural northern Malawi.

Parkinson's disease mortality and pesticide exposure in California 1984-1994.

Inhibition of UV irradiation-induced oxidative stress and apoptotic biochemical changes in human epidermal carcinoma A431 cells by genistein.

Lower alkaline phosphatase activity and occurrence of an abnormal hybrid intestinal/tissue non-specific isoform in Down's syndrome amniotic fluids.

Paternal employment in agriculture and childhood kidney cancer.

Improved selective, simple, and contrast staining of acidophilic neurons with vanadium acid fuchsin.

Toxicity of chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in diethylnitrosamine-initiated ovariectomized rats implanted with subcutaneous 17 beta-estradiol pellets.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin alters postnatal development of seminal vesicle epithelium.

Expression of dioxin-related transactivating factors and target genes in human eutopic endometrial and endometriotic tissues.

Expression of neuronal nitric oxide synthase/NADPH-diaphorase during olfactory deafferentation and regeneration.

Dual-hit hypothesis explains pulmonary hypoplasia in the nitrofen model of congenital diaphragmatic hernia.

Ah receptor ligands and tumor promotion: survival of neoplastic cells.

Risk factors in the early diagnosis of ALS: North American epidemiological studies. ALS CARE Study Group.

Increase of specific symptoms after long-term use of chlorophenol polluted drinking water in a community.

Effect of TCDD on maternal toxicity and chorionic gonadotropin--bioactivity in the immediate post-implantation period of macaque.

CDC investigations of noninfectious outbreaks of adverse events in hemodialysis facilities, 1979-1999.

[Clinical experience with the use of benzylalcohol and amyl-m-cresol (Strepsils) in stomatological diseases].

Drug-induced oesophageal disorders: pathogenesis, incidence, prevention and management.

In vivo treatment of mutant FLT3-transformed murine leukemia with a tyrosine kinase inhibitor.

Iron supplementation improves endurance after training in iron-depleted, nonanemic women.

Effect of iron therapy on the whole blood platelet aggregation in infants with iron deficiency anemia.

Neurokinin-1 (NK-1) receptor is required in antigen-induced cystitis.

Iron supplementation in goitrous, iron-deficient children improves their response to oral iodized oil.

Chronic mitochondrial inhibition induces selective motoneuron death in vitro: a new model for amyotrophic lateral sclerosis.

Is there a rationale for the use of creatine either as nutritional supplementation or drug administration in humans participating in a sport?

Chronic ethanol ingestion increases efficiency of oxidative phosphorylation in rat liver mitochondria.

Interleukin-1beta regulates CFTR expression in human intestinal T84 cells.

Effects of histone deacetylase inhibitors on the Ah receptor gene promoter.

Organophosphates and their impact on the global environment.

Toxic action/toxicity.

Differential expression of phosphatidylethanol-amine-binding protein in rat hepatoma cell lines: analyses of tumor necrosis factor-alpha-resistant cKDH-8/11 and -sensitive KDH-8/YK cells by two-dimensional gel electrophoresis.

Efficacy and acceptability of two iron supplementation schedules in adolescent school girls in Lima, Peru.

Effects of TCDD on thyroid hormone homeostasis in the rat.

Effect of helicobacter pylori eradication on sideropenic refractory anaemia in adolescent girls with Helicobacter pylori infection.

Mechanisms of parenchymal cell death in-vivo after microvascular hemorrhage.

Responses of transgenic mouse lines p53(+/-) and Tg.AC to agents tested in conventional carcinogenicity bioassays.

Anemia: a cause of intolerance to thyroxine sodium.

Regional differences in hypoxic depolarization and swelling in hippocampal slices.

Analysis of the pathogenicity locus in Clostridium difficile strains.

Differential effect of antiallergic drugs on IgE-mediated cutaneous reaction in passively sensitized mice.

Geographic variation in hematological variables in adult and pre fledgling herring gulls (Larus argentatus) and possible associations with organochlorine exposure.

Selective increase in cellular A beta 42 is related to apoptosis but not necrosis.

Mass psychogenic illness attributed to toxic exposure at a high school.

Macrophage migration inhibitory factor up-regulates expression of matrix metalloproteinases in synovial fibroblasts of rheumatoid arthritis.

Death caused by a letter bomb.

Morphologic, biochemical and molecular mitochondrial changes during reperfusion phase following brief renal ischemia.

Central nervous system toxicity and early peripheral neuropathy following dermal exposure to methyl bromide.

Synthesis of [I-NaI3] thymopietin II and examination of its immunological effect on the uremic T-lymphocytes.

Infusion of total dose iron versus oral iron supplementation in ambulatory peritoneal dialysis patients: a prospective, cross-over trial.

Effect of iron salts, haemosiderins, and chelating agents on the lymphocytes of a thalassaemia patient without chelation therapy as measured in the comet assay.

Antenatal dexamethasone administration inhibits smooth-muscle-cell DNA synthesis in pulmonary-arterial media in nitrofen-induced congenital diaphragmatic hernia in rats.

Linking environmental cancer with occupational epidemiology research: the role of the International Agency for Research on Cancer (IARC).

The hypoplastic heart in congenital diaphragmatic hernia: reduced expression of basic fibroblast growth factor and platelet-derived growth factor.

The future relationship between the media, the food industry and the consumer.

Prognostic significance of anemia and role of erythropoietin in radiation therapy.

Sodium arsenite induces the stress response in the gut and decreases bacterial translocation in a burned mouse model with gut-derived sepsis.

Comparison of solvents for removing pesticides from skin using an in vitro porcine model.

Anti-tumor effect of N-beta-alanyl-5-S-glutathionyl-dihydroxyphenylalanine (5-S-GAD), a novel anti-bacterial substance from an insect.

Iron status in breast-fed full-term infants.

Fumigant-related illnesses: Washington State's five-year experience.

Treatment of iron deficiency anemia and associated protein-losing enteropathy in children.

A randomized, double-blind placebo-controlled trial of iron in restless legs syndrome.

Regulation of microglial tyrosine phosphorylation in response to neuronal injury.

Pathogenesis of cleft palate in mouse embryos exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Cell proliferation and apoptosis in experimental lung hypoplasia.

A multicenter study of 4-chloro-m-cresol for diagnosing malignant hyperthermia susceptibility.

Serum dioxin level in relation to diabetes mellitus among Air Force veterans with background levels of exposure.

Intradialytic removal of protein-bound uraemic toxins: role of solute characteristics and of dialyser membrane.

Induction of cyclooxygenase expression and enhancement of malignant cell transformation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of iron salts and haemosiderin from a thalassaemia patient on oxygen radical damage as measured in the comet assay.

Role of the aromatic hydrocarbon receptor and [Ah] gene battery in the oxidative stress response, cell cycle control, and apoptosis.

An Historical Review of Steps and Missteps in the Discovery of Anti-Obesity Drugs.

Endocrine Disruptor Chemicals.

Control of *Paratrachodorus allius* and Corky Ringspot Disease of Potato in the Columbia Basin of Oregon.

Influence of metham sodium on suppression of collar rot disease of peanut, in vitro antibiosis, siderophore production and root colonization by a fluorescent pseudomonad strain FPO4.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters hippocampal astroglia-neuronal gap junctional communication.

Impairment of mycophenolate mofetil absorption by iron ion.

[Hand injuries caused by self-made bombs. Observations and reconstructoin techniques. Report of 7 cases].

Regulation of prostaglandin endoperoxide H synthase-2 induction by dioxin in rat hepatocytes: possible c-Src-mediated pathway.

2,3,7,8-tetrachlorodibenzo-p-dioxin inhibits luminal cell differentiation and androgen responsiveness of the ventral prostate without inhibiting prostatic 5alpha-dihydrotestosterone formation or testicular androgen production in rat offspring.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the expression of cytochrome P450 1A1, the aryl hydrocarbon receptor, and the aryl hydrocarbon receptor nuclear translocator in rat brain and pituitary.

Evaluation of Methyl Iodide for Control of Peach Replant Disorder.

Cauliflower somatic embryogenesis and analysis of regenerant stability by ISSRs.

Reproductive success and chlorinated hydrocarbon contamination in tree swallows (*Tachycineta bicolor*) nesting along rivers receiving pulp and paper mill effluent discharges.

Calpain-mediated proteolytic cleavage of troponin I induced by hypoxia or metabolic inhibition in cultured neonatal cardiomyocytes.

Quantification of selected pesticide metabolites in human urine using isotope dilution high-performance liquid chromatography/tandem mass spectrometry.

The effect of cysteine and 2,4-dinitrophenol on heme and nonheme absorption in a rat intestinal model.

A novel aldose/aldehyde reductase protects transgenic plants against lipid peroxidation under chemical and drought stresses.

Arabidopsis *dth9* mutation identifies a gene involved in regulating disease susceptibility without affecting salicylic acid-dependent responses.

Glycosaminoglycan sulfation requirements for respiratory syncytial virus infection.

Chronic toxicity of arsenic in goats: clinicobiochemical changes, pathomorphology and tissue residues.

Acute and chronic life cycle toxicity of acenaphthene and 2,4,6-trichlorophenol to the midge *Paratanytarsus parthenogeneticus* (Diptera: Chironomidae).

Effects of NMDA and ferrous sulfate on oxidation and cell death in primary neuronal cultures.

Do oxidative stress conditions impairing photosynthesis in the light manifest as photoinhibition?

Adrenocorticotropin (ACTH) and corticosterone secretion by perfused pituitary and adrenal glands from rodents exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Differential effects of estrogen and progesterone on AT(1) receptor gene expression in vascular smooth muscle cells.

Biocontrol of Cucumber Diseases in the Field by Plant Growth-Promoting Rhizobacteria With and Without Methyl Bromide Fumigation.

Air bag injury and the dermatologist.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of different cytotoxins on cytochrome P450 isoforms expression and on glycogen content.

Inhibition of dioxin effects on bone formation in vitro by a newly described aryl hydrocarbon receptor antagonist, resveratrol.

Antiestrogenic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse uterus: critical role of the aryl hydrocarbon receptor in stromal tissue.

Tissue disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in maternal and developing long-evans rats following subchronic exposure.

Bioenergetics and mitochondrial transmembrane potential during differentiation of cultured osteoblasts.

Hemodynamic dysfunction and cytochrome P4501A mRNA expression induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin during embryonic stages of lake trout development.

Toxicity of TCDD in European flounder (*Platichthys flesus*) with emphasis on histopathology and cytochrome P450 1A induction in several organ systems.

Pathologic alterations in adult rainbow trout, *Oncorhynchus mykiss*, exposed to dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of arsenite on central monoamines and plasmatic levels of adrenocorticotropin hormone (ACTH) in mice.

Characterization of cardiotoxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin and related chemicals during early chick embryo development.

Portosystemic shunting and persistent fetal vascular structures in aryl hydrocarbon receptor-deficient mice.

Experimental model of hepatic fibrosis following repeated periportal necrosis induced by allyl alcohol.

Molecular mechanisms of apoptosis induced by cytotoxic chemicals.

Differential susceptibility of retinal ganglion cells to reactive oxygen species.

Arsenite-induced apoptosis in cortical neurons is mediated by c-Jun N-terminal protein kinase 3 and p38 mitogen-activated protein kinase.

The role of time in toxicology or Haber's c x t product.

Interleukin-6 negatively regulates the expression of pregnane X receptor and constitutively activated receptor in primary human hepatocytes.

Evidence for a trigger function of valproic acid in xenobiotic-induced hepatotoxicity.

ATP-sensitive potassium channels in freshly dissociated adult rat striatal neurons: activation by metabolic inhibitors and the dopaminergic receptor agonist quinpirole.

Calcium-mediated signaling during sandalwood somatic embryogenesis. Role for exogenous calcium as second messenger.

Endocrine disruptive effects of polychlorinated aromatic hydrocarbons on intestinal cholecystokinin in rats.

Role of the *Pseudomonas aeruginosa* oxyR-recG operon in oxidative stress defense and DNA repair: OxyR-dependent regulation of katB-ankB, ahpB, and ahpC-ahpF.

Physiological role of the aryl hydrocarbon receptor in mouse ovary development.

Determination of the phospholipid precursor of anandamide and other N-acyl ethanolamine phospholipids before and after sodium azide-induced toxicity in cultured neocortical neurons.

Mapping the bimolecular interface of the parathyroid hormone (PTH)-PTH1 receptor complex: spatial proximity between Lys(27) (of the hormone principal binding domain) and leu(261) (of the first extracellular loop) of the human PTH1 receptor.

Protein-tyrosine phosphatase reduces the number of apical small conductance K⁺ channels in the rat cortical collecting duct.

Transformation of mono- and dichlorinated phenoxybenzoates by phenoxybenzoate-dioxygenase in *Pseudomonas pseudoalcaligenes* POB310 and a modified diarylether-metabolizing bacterium.

Health effects of chronic exposure to polychlorinated dibenzo-p-dioxins (PCDD), dibenzofurans (PCDF) and coplanar PCB (Co-PCB) of municipal waste incinerator workers.

Ventricular preexcitation sensitive to flecainide in late stage chick embryo ECGs: 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs inotropic but not chronotropic or dromotropic responses to isoproterenol and confers resistance to flecainide.

Pentoxifylline attenuates bacterial lipopolysaccharide-induced enhancement of allyl alcohol hepatotoxicity.

Pathological lesions in lambs fed raw or processed cottonseed meal.

Synergistic activation of NF-kappaB and inducible isoform of nitric oxide synthase induction by interferon-gamma and tumor necrosis factor-alpha in INS-1 cells.

Occupational fatalities associated with 2,4-dichlorophenol (2,4-DCP) exposure, 1980-1998.

Relative potency values derived from hepatic vitamin A reduction in male and female Sprague-Dawley rats following subchronic dietary exposure to individual polychlorinated dibenzo-p-dioxin and dibenzofuran congeners and a mixture thereof.

Differential response of cellular antioxidant mechanism of liver and kidney to arsenic exposure and its relation to dietary protein deficiency.

Activation of NFkappaB is necessary for IL-1beta-induced cyclooxygenase-2 (COX-2) expression in human gingival fibroblasts.

Vanillin as an antioxidant in rat liver mitochondria: inhibition of protein oxidation and lipid peroxidation induced by photosensitization.

Pathological changes of hepatic artery and portal vein, after allyl-alcohol and carbon tetrachloride administration. An experimental study.

Thyroidal dysfunction and environmental chemicals--potential impact on brain development.

The inhibition of ERK/MAPK not the activation of JNK/SAPK is primarily required to induce apoptosis in chronic myelogenous leukemic K562 cells.

Paternal concentrations of dioxin and sex ratio of offspring.

Cytotoxicity and keratinocyte microsome-mediated mutagenic activation of carcinogens in cultured epidermal cells.

Anti-inflammatory effect of heat shock protein induction is related to stabilization of I kappa B alpha through preventing I kappa B kinase activation in respiratory epithelial cells.

Peroxisomes: biochemistry, molecular biology and genetic diseases- a video programme for teaching students.

Chemical changes in the photoreceptor outer segments due to iron induced oxidative stress: analysis by Fourier transform infrared (FT-IR) microspectroscopy.

The involvement of caspases in the CD95(Fas/Apo-1)- but not swelling-induced cellular taurine release from Jurkat T-lymphocytes.

Altered cell cycle control at the G(2)/M phases in aryl hydrocarbon receptor-null embryo fibroblast.

Chelating agents for uranium(VI): 2. Efficacy and toxicity of tetradentate catecholate and hydroxypyridinonate ligands in mice.

Sphingomyelinase and membrane sphingomyelin content: determinants of Proximal tubule cell susceptibility to injury.

Sodium arsenite-induced dysregulation of proteins involved in proliferative signaling.

The relative abilities of TCDD and its congeners to induce oxidative stress in the hepatic and brain tissues of rats after subchronic exposure.

Mechanisms of fibroblast growth factor 2 intracellular processing: a kinetic analysis of the role of heparan sulfate proteoglycans.

Effect of bioactive tannoid principles of *Emblica officinalis* on iron-induced hepatic toxicity in rats.

Studies on the mechanisms of arsenic-induced self tolerance developed in liver epithelial cells through continuous low-level arsenite exposure.

Oxidative stress in female B6C3F1 mice following acute and subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Tyrosine phosphorylation of the p85 subunit of phosphatidylinositol 3-kinase correlates with high proliferation rates in sublines derived from the Jurkat leukemia.

Bioassays with *Vibrio fischeri* for the assessment of delayed toxicity.

Role of p53 tumor suppressor gene in the toxicity of TCDD, endrin, naphthalene, and chromium (VI) in liver and brain tissues of mice.

Toxicology of environmental chemicals in the flounder (*Platichthys flesus*) with emphasis on the immune system: field, semi-field (mesocosm) and laboratory studies.

Deficiency of the stress kinase p38alpha results in embryonic lethality: characterization of the kinase dependence of stress responses of enzyme-deficient embryonic stem cells.

Determination of the disulfide bond arrangement of Newcastle disease virus hemagglutinin neuraminidase. Correlation with a beta-sheet propeller structural fold predicted for paramyxoviridae attachment proteins.

NTP Toxicology and Carcinogenesis Studies of Pyridine (CAS No. 110-86-1) in F344/N Rats, Wistar Rats, and B6C3F1 Mice (Drinking Water Studies).

Hormonal regulation of fruitlet abscission induced by carbohydrate shortage in citrus.

Tyrosine-kinase dependent TGF-beta and extracellular matrix expression by mechanical stretch in vascular smooth muscle cells.

Bacterial cell death induced by human pro-apoptotic Bax is blocked by an RNase E mutant that functions in an anti-oxidant pathway.

Inhibition of motility of hamster spermatozoa by protein tyrosine kinase inhibitors.

Polyamines in the lung: polyamine uptake and polyamine-linked pathological or toxicological conditions.

Cytoskeletal alterations in lipopolysaccharide-induced bovine vascular endothelial cell injury and its prevention by sodium arsenite.

1,2-Dichlorobenzene-mediated hepatocellular oxidative stress in Fischer-344 and Sprague-Dawley rats.

Seminal plasma reduces exogenous oxidative damage to human sperm, determined by the measurement of DNA strand breaks and lipid peroxidation.

Experimental exposure of rat skin to methyl bromide: a toxicokinetic and histopathological study.

Biliary excretion of bile acids and organic anions in zone 1- and zone 3-injured rats.

Acute administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in pregnant Long Evans rats: association of measured tissue concentrations with developmental effects.

Gibberellin requirement for Arabidopsis seed germination is determined both by testa characteristics and embryonic abscisic acid.

Cellular stress inhibits vascular smooth muscle relaxation.

Cytochrome c release from mitochondria of early postimplantation murine embryos exposed to 4-hydroperoxycyclophosphamide, heat shock, and staurosporine.

Candida albicans mutants deficient in respiration are resistant to the small cationic salivary antimicrobial peptide histatin 5.

Systemic indicators of inorganic arsenic toxicity in four animal species.

Effects of Herbicides on Fusarium solani f. sp. glycines and Development of Sudden Death Syndrome in Glyphosate-Tolerant Soybean.

Gulf War Syndrome: the "Agent Orange" of the nineties.

In vitro ocular irritation toxicity study of some pesticides.

UVA-induced oxidative damage in retinal pigment epithelial cells after H₂O₂ or sparfloracin exposure.

Yang-Gan-Wan protects mice against experimental liver damage.

Hydroxy-urea protects erythrocytes against oxidative damage.

Regulation of programmed cell death in maize endosperm by abscisic acid.

Effect of inhibitors and uncouplers of oxidative phosphorylation during compaction and blastulation of bovine embryos cultured in vitro.

Carbonic anhydrase activators - part 21. Novel activators of isozymes I, II and IV incorporating carboxamido and ureido histamine moieties.

Protein tyrosine kinase regulates the number of renal secretory K channels.

Neurotrophic factors protect cortical synaptic terminals against amyloid and oxidative stress-induced impairment of glucose transport, glutamate transport and mitochondrial function.

Pressure-induced upregulation of preproendothelin-1 and endothelin B receptor expression in rabbit jugular vein in situ : implications for vein graft failure?

Contribution of NADH oxidase to aerobic metabolism of *Streptococcus pyogenes*.

Less than 80% of absorbed iron is promptly incorporated into erythrocytes of infants.

Rapid lethal intoxication caused by the herbicide glyphosate-trimesium (Touchdown).

Nitrofen-induced congenital malformations of the heart and great vessels in rats: an animal model.

Chronic dietary toxicity and oncogenicity evaluation of MCPA (4-chloro-2-methylphenoxyacetic acid) in rodents.

Biodegradation in laboratory activated sludge plants and aquatic toxicity of herbicides.

Protective role of germanium-132 against paraquat-induced oxidative stress in the livers of senescence-accelerated mice.

Estrous cycle patterns of Sprague-Dawley rats during acute and chronic atrazine administration.

Determination by ¹H NMR spectroscopy of paraquat in urine from acutely poisoned patients. Comparison with second-derivative spectroscopy method.

Regulation of antioxidant enzyme gene expression in response to oxidative stress and during differentiation of mouse skeletal muscle.

Maternal exposure to atrazine during lactation suppresses suckling-induced prolactin release and results in prostatitis in the adult offspring.

Cellular glutathione peroxidase protects mice against lethal oxidative stress induced by various doses of diquat.

High levels of dietary vitamin E do not replace cellular glutathione peroxidase in protecting mice from acute oxidative stress.

Occupational factors for sarcoma subtypes.

A mechanism of paraquat toxicity involving nitric oxide synthase.

Tobacco smoke in the development and therapy of periodontal disease: progress and questions.

Effect of chloridazone on the animal organism.

Multiple logistic regression analysis of plasma paraquat concentrations as a predictor of outcome in 375 cases of paraquat poisoning.

Associations between stomach cancer incidence and drinking water contamination with atrazine and nitrate in Ontario (Canada) agroecosystems, 1987-1991.

Persistent health effects of dioxin contamination in herbicide production.

Pneumonitis and herbicide exposure.

Glufosinate and a surfactant: which component produces effects on the central nervous system in acute oral BASTA poisoning?

Renal failure and corrosive airway and gastrointestinal injury after ingestion of diluted diquat solution.

Immune parameters in biological monitoring of pesticide exposure: current knowledge and perspectives.

Butachlor is cytotoxic and clastogenic and induces apoptosis in mammalian cells.

Behavioural and histological effects of atrazine on freshwater molluscs (*Physa acuta* Drap. and *Ancylus fluviatilis* MÃ¼ll. Gastropoda).

The mammary tumor response in triazine-treated female rats: a threshold-mediated interaction with strain and species-specific reproductive senescence.

Acute paraquat intoxication: using nuclear pulmonary studies to predict patient outcome.

Aberrant copper chemistry as a major mediator of oxidative stress in a human cellular model of amyotrophic lateral sclerosis.

Effects of a herbicide formulation, Tordon 75D, and its individual components on the oxidative functions of mitochondria.

Fatal paraquat poisoning: report of two cases.

Porphyria and chemicals.

Effect of the in vivo catalase inhibition on aminonucleoside nephrosis.

Acute basagran poisoning mimicking neuroleptic malignant syndrome.

Human ocular effects from self-reported exposures to Roundup herbicides.

Clinical impact of upper gastrointestinal tract injuries in glyphosate-surfactant oral intoxication.

Human isolated airway contraction: interaction between air pollutants and passive sensitization.

Selenium-dependent cellular glutathione peroxidase protects mice against a pro-oxidant-induced oxidation of NADPH, NADH, lipids, and protein.

[Pneumocystis carinii pneumonia in an immunocompetent patient after paraquat spraying].

Homicide by paraquat poisoning.

Behavioral alterations induced in rats by a pre- and postnatal exposure to 2,4-dichlorophenoxyacetic acid.

High rates of paraquat-induced suicide in southern Trinidad.

Long-term respiratory health effects of the herbicide, paraquat, among workers in the Western Cape.

Nitric oxide protects against cellular damage produced by methylviologen herbicides in potato plants.

An evaluation of the carcinogenic potential of the herbicide alachlor to man.

Effects of trifluralin on carp: biochemical and histological evaluation.

Re-analysis of 2,4-D use and the occurrence of canine malignant lymphoma.

Hepato-toxic effect of diuron in albino rats.

A toxicokinetic analysis in a patient with acute glufosinate poisoning.

Pentachlorophenol exposure in women with gynecological and endocrine dysfunction.

Occupational risk factors for sarcoma subtypes.

Acrolein-induced toxicity--defective mitochondrial function as a possible mechanism.

2,4-D treatment in tench (*Tinca tinca* L.): pathological processes on the excretory kidney.

Acrolein toxicity: comparative in vitro study with lung slices and pneumocytes type II cell line from rats.

Dioxin exposure and human leukemias and lymphomas. Lessons from the Seveso accident and studies on industrial workers.

Paraquat myopathy: report on two suicide cases.

National identity and controversy: New Zealand's clean green image and pentachlorophenol.

The first ever report of homicidal poisoning by intramuscular injection of gramoxone (paraquat).

[Effect of beta-carotene oil and bee pollen on ion transport in rat brain slices following radiation-chemical exposure].

Acute pulmonary toxicity of acrolein in rats--underlying mechanism.

Selected phenolic compounds in cultivated plants: ecologic functions, health implications, and modulation by pesticides.

Maternal and developmental toxicity of halogenated 4'-nitrodiphenyl ethers in mice.

The toxicity of glyphosate and several glyphosate formulations to four species of southwestern Australian frogs.

Divergent kinetics of hsp70 induction in *Oniscus asellus* (Isopoda) in response to four environmentally relevant organic chemicals (B[a]P, PCB52, gamma-HCH, PCP): suitability and limits of a biomarker.

Studies on paraquat-induced oxidative stress in rat liver.

Disposition of pesticides and toxicants in the human reproductive system in cases of acute poisoning.

Clinical course of a fatal ingestion of diquat.

Vaginally applied diquat intoxication.

Cytochemical energy-filtering transmission electron microscopy of mitochondrial free radical formation in paraquat cytotoxicity.

Genotoxicity studies on the phenoxyacetates 2,4-D and 4-CPA in the *Drosophila* wing spot test.

[Intoxications caused by plant protection chemicals in 1997].

Model field study of Sumithion 50 EC and Fusilade S on pheasants.

Levels of paraquat in fatal intoxications.

[Effect of 2,4-D ecotoxicants on spermatogenesis and fertility of albino rats].

Reproductive disturbance caused by an S-triazine herbicide in pigs.

Embryonic toxicity of insecticide Sumithion 50 EC and herbicide Fusilade S in pheasants after individual or combined administration.

Endocrine, immune, and behavioral effects of aldicarb (carbamate), atrazine (triazine) and nitrate (fertilizer) mixtures at groundwater concentrations.

Administration of potentially antiandrogenic pesticides (procymidone, linuron, iprodione, chlozolinate, p,p'-DDE, and ketoconazole) and toxic substances (dibutyl- and diethylhexyl phthalate, PCB 169, and ethane dimethane sulphonate) during sexual differentiation produces diverse profiles of reproductive malformations in the male rat.

Acute poisoning with a herbicide containing imazapyr (Arsenal): a report of six cases.

Thiobencarb toxicity and plasma AChE inhibition in the European eel.

Dose-specific production of chlorinated quinone and semiquinone adducts in rodent livers following administration of pentachlorophenol.

The early phase of apoptosis in human neuroblastoma CHP100 cells is characterized by lipoxygenase-dependent ultraweak light emission.

Serological and biochemical follow-up in cattle naturally infected with *Fasciola hepatica*, and comparison with a climate model for predicting risks of fasciolosis.

Arsenic trioxide selectively induces acute promyelocytic leukemia cell apoptosis via a hydrogen peroxide-dependent pathway.

Monocyte inflammation augments acrolein-induced Muc5ac expression in mouse lung.

Loss of heterozygosity in (LewisxF344)F1 rat urinary bladder tumors induced with N-butyl-N-(4-hydroxybutyl)nitrosamine followed by dimethylarsinic acid or sodium L-ascorbate.

Vitamin A decreases the incidence and severity of nitrofen-induced congenital diaphragmatic hernia in rats.

Animal cell-death suppressors Bcl-x(L) and Ced-9 inhibit cell death in tobacco plants.

Current status of acrolein as a lipid peroxidation product.

Increased activity of H₂O₂ in aorta isolated from chronically streptozotocin-diabetic rats: effects of antioxidant enzymes and enzymes inhibitors.

Evidence for site-specific bioactivation of alachlor in the olfactory mucosa of the Long-Evans rat.

Decreased intracellular superoxide levels activate Sindbis virus-induced apoptosis.

Enhanced potential for oxidative stress in hyperinsulinemic rats: imbalance between hepatic peroxisomal hydrogen peroxide production and decomposition due to hyperinsulinemia.

Paraquat elicited neurobehavioral syndrome caused by dopaminergic neuron loss.

Motor neuron degeneration is attenuated in bax-deficient neurons in vitro.

Oxidative stress as a mechanism of chronic cadmium-induced hepatotoxicity and renal toxicity and protection by antioxidants.

Protein-bound acrolein: a novel marker of oxidative stress in Alzheimer's disease.

Selectable viruses and altered susceptibility mutants in *Arabidopsis thaliana*.

Pentachlorophenol and pentachloroanisole in oil samples associated with the toxic oil syndrome.

The p66shc adaptor protein controls oxidative stress response and life span in mammals.

State transitions, cyclic and linear electron transport and photophosphorylation in *Chlamydomonas reinhardtii*.

Attenuation of endogenous oxidative stress-induced cell death by cytochrome P450 inhibitors in primary cultures of rat hepatocytes.

Neisseria gonorrhoeae bacterioferritin: structural heterogeneity, involvement in iron storage and protection against oxidative stress.

Oxidative stress sensitivity and superoxide dismutase of a wild-type parent strain and a respiratory mutant of *Candida albicans*.

Transendothelial permeability changes induced by free radicals in an in vitro model of the blood-brain barrier.

Knockout of cellular glutathione peroxidase gene renders mice susceptible to diquat-induced oxidative stress.

[Effect of alcohol intoxication and aldehyde dehydrogenase inhibitors on lipid peroxidation in rat liver].

Inhibition of human tumor growth by 2'-hydroxy- and 2'-benzoyloxycinnamaldehydes.

Enhancement of cytotoxicity of hydrogen peroxide by hyperthermia in chinese hamster ovary cells: role of antioxidant defenses.

Cloned prokaryotic iron superoxide dismutase protects yeast cells against oxidative stress depending on mitochondrial location.

Signals controlling the expression of cytosolic ascorbate peroxidase during pathogen-induced programmed cell death in tobacco.

The flavohemoglobin of *Escherichia coli* confers resistance to a nitrosating agent, a "Nitric oxide Releaser," and paraquat and is essential for transcriptional responses to oxidative stress.

Acrolein cytotoxicity and glutathione depletion in n-3 fatty acid sensitive- and resistant human tumor cells.

Effect of Shimotsu-to (a Kampo medicine, Si-Wu-Tang) and its constituents on triphasic skin reaction in passively sensitized mice.

Environmental, medical, and family history risk factors for Parkinson's disease: a New England-based case control study.

[Absence of cardiac hypoplasia in an experimental model of congenital diaphragmatic hernia].

Benzene and non-Hodgkin's lymphoma.

Reactive oxygen species in essential hypertension and non-insulin-dependent diabetes mellitus.

Acute arsenic poisoning: clinical and histopathological features.

Thymocyte development in Ah-receptor-deficient mice is refractory to TCDD-inducible changes.

Taurine prevents high-glucose-induced human vascular endothelial cell apoptosis.

Fatal privet (*Ligustrum amurensis*) toxicosis in Tennessee cows.

Rapid diagnosis of tuberculous meningitis by a dot immunobinding assay To detect mycobacterial antigen in cerebrospinal fluid specimens.

Implication of mitochondria-derived reactive oxygen species, cytochrome C and caspase-3 in N-(4-hydroxyphenyl)retinamide-induced apoptosis in cervical carcinoma cells.

Risk of stomach cancer associated with 12 workplace hazards: analysis of death certificates from 24 states of the United States with the aid of job exposure matrices.

Skeletal malformations associated with congenital diaphragmatic hernia: experimental and human studies.

Environmental risk factors in Parkinson's disease.

Interspecies differences in cancer susceptibility and toxicity.

Effect of prenatal exposure to TCDD on the promotion of endometriotic lesion growth by TCDD in adult female rats and mice.

Effects of exposure to 3,3',4,4',5-pentachlorobiphenyl (PCB 126) throughout gestation and lactation on behavior (concurrent random interval-random interval and progressive ratio performance) in rats.

Antenatal dexamethasone suppresses tumor necrosis factor-alpha expression in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats.

In vitro methylation of arsenite by rabbit liver cytosol: effect of metal ions, metal chelating agents, methyltransferase inhibitors and uremic toxins.

Digoxin delays recovery from tachycardia-induced electrical remodeling of the atria.

Role of Fas-Fas ligand interactions in 2,3,7,8-tetrachlorodibenzo- p-dioxin (TCDD)-induced immunotoxicity: increased resistance of thymocytes from Fas-deficient (lpr) and Fas ligand-defective (gld) mice to TCDD-induced toxicity.

Inhibition of antioxidants and hyperthermia enhance bleomycin-induced cytotoxicity and lipid peroxidation in Chinese hamster ovary cells.

[A technic using MRI. A comparative study of 3 anesthetic technics of the inferior alveolar nerve].

Enhancement of sodium intestinal secretion in relation to absorption in malnourished rats. Hyperosmolar challenge.

[Use of daily and weekly ferrous sulfate to treat anemic childbearing-age women].

Geldanamycin induces heat shock protein expression through activation of HSF1 in K562 erythroleukemic cells.

The significance of excursions above the ADI: duration in relation to pivotal studies.

Blood lipid concentrations of dioxins and dibenzofurans causing chloracne.

Meta-analysis of Hodgkin's disease among farmers.

Heat shock protein suppresses the senescent lung cytokine response to acute endotoxemia.

Quantitative analysis of dose- and time-dependent promotion of four phenotypes of altered hepatic foci by 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats.

Erosive injury to the upper gastrointestinal tract in patients receiving iron medication: an underrecognized entity.

Multiple antioxidants in the prevention and treatment of Parkinson's disease.

Animal poisonings: the 10-year experience of a veterinary analytical toxicology laboratory.

Inhibition of BRCA-1 expression by benzo[a]pyrene and its diol epoxide.

Prenatal immunotoxicant exposure and postnatal autoimmune disease.

Loss of wild-type carrier-mediated L-carnitine transport activity in hepatocytes of juvenile visceral steatosis mice.

Expression of the soxR gene of *Pseudomonas aeruginosa* is inducible during infection of burn wounds in mice and is required to cause efficient bacteremia.

Cyclic nucleotide phosphodiesterases (PDE) 3 and 4 in normal, malignant, and HTLV-I transformed human lymphocytes.

Iron fortification with special reference to the role of iron EDTA.

[Occupational agents and endocrine function: an update of the experimental and human evidence].

Cytotoxic potential of the phytochemical genistein isoflavone (4',5',7-trihydroxyisoflavone) and certain environmental chemical compounds on testicular cells.

Complementation between HLA-DR4 (DRB1*0401) and specific H2-A molecule in transgenic mice leads to collagen-induced arthritis.

Long term substitution and specific immune responses after transfer of bovine peripheral blood lymphocytes into severe combined immunodeficient mice.

Teratogenic response to arsenite during neurulation: relative sensitivities of C57BL/6J and SWV/Fnn mice and impact of the splotch allele.

Hypoxia induces renal tubular epithelial cell apoptosis in chronic renal disease.

Anti-lactoferrin antibodies and other types of anti-neutrophil cytoplasmic antibodies (ANCA) in reactive arthritis and ankylosing spondylitis.

Ferrous sulfate toxicity: a review of autopsy findings.

Balloon angioplasty induces heat shock protein 70 in human blood vessels.

The stabilization of ferrous iron by a toxic beta-amyloid fragment and by an aluminum salt.

Effects of CYP1A2 on disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin, 2,3,4,7,8-pentachlorodibenzofuran, and 2,2',4,4',5,5'-hexachlorobiphenyl in CYP1A2 knockout and parental (C57BL/6N and 129/Sv) strains of mice.

Effects of aging on resistance to *Trichinella spiralis* infection in rodents exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Immunocytochemical identification of islet cells containing calcitonin gene-related peptide-like immunoreactivity in the plains rat pancreas (*Pseudomys australis*).

Connective tissue responses to calcium hydroxide-based root canal medicaments.

Characteristics of L-carnitine transport in cultured human hepatoma HLF cells.

Low-dose oral iron absorption test in anaemic patients with and without iron deficiency determined by bone marrow iron content.

Food toxins, ampa receptors, and motor neuron diseases.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on liver phosphoenolpyruvate carboxykinase (PEPCK) activity, glucose homeostasis and plasma amino acid concentrations in the most TCDD-susceptible and the most TCDD-resistant rat strains.

Fetal tracheal occlusion in the rat model of nitrofen-induced congenital diaphragmatic hernia.

Iron enhancement of experimental infection of mice by *Tritrichomonas foetus*.

Secreted form of amyloid precursor protein enhances basal glucose and glutamate transport and protects against oxidative impairment of glucose and glutamate transport in synaptosomes by a cyclic GMP-mediated mechanism.

Altered bcl-2 family expression during non-genotoxic hepatocarcinogenesis in mice.

Arsenic-related Bowen's disease, palmar keratosis, and skin cancer.

A monoclonal antibody reactive with a 40-kDa molecule on fetal thymocytes and tumor cells blocks proliferation and stimulates aggregation and apoptosis.

F-actin as a functional target for retro-retinoids: a potential role in anhydroretinol-triggered cell death.

Pharmacokinetics of TCDD in veterans of Operation Ranch Hand: 15-year follow-up.

Regulation of matrix metalloproteinase-2 (MMP-2) by hepatocyte growth factor/scatter factor (HGF/SF) in human glioma cells: HGF/SF enhances MMP-2 expression and activation accompanying up-regulation of membrane type-1 MMP.

Differential toxicities of TCDD in vivo among normal, c-src knockout, geldanamycin- and quercetin-treated mice.

Dietary restriction and 2-deoxyglucose administration improve behavioral outcome and reduce degeneration of dopaminergic neurons in models of Parkinson's disease.

Comparison of neurotoxic effects and potential risks from oral administration or ingestion of tricresyl phosphate and jet engine oil containing tricresyl phosphate.

Central control of blood pressure by nitrergic mechanisms in organum vasculosum laminae terminalis of rat brain.

74As-arsenate metabolism in Flemish Giant rabbits with renal insufficiency.

Absence of effect of seven functional mutations in the CYP2D6 gene in Parkinson's disease.

Hypoxia potentiates ultraviolet A-induced riboflavin cytotoxicity.

Increased risk of sensory neuropathy in workers with chloracne after exposure to 2,3,7,8-polychlorinated dioxins and furans.

p27(Kip1) induction and inhibition of proliferation by the intracellular Ah receptor in developing thymus and hepatoma cells.

Occult gastrointestinal bleeding.

A chimeric aryl hydrocarbon receptor knockout mouse model indicates that aryl hydrocarbon receptor activation in hematopoietic cells contributes to the hepatic lesions induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Role of Ras/ERK-dependent pathway in the erythroid differentiation of K562 cells.

Prevalence of antinuclear antibodies in a rural population.

Ferrous sulfate tolerance test: a case report.

[Sodium arsenite selectively inducing apoptosis of G2 + M phase NB4 cells].

[Anemia and its treatment with peroral anti-anemia agents in women during the postpartum period].

Analysis of urinary nitric oxide metabolites in healthy subjects.

Genetics, drugs and environmental factors in Parkinson's disease. A case-control study.

Protoporphyrin IX fluorescence kinetics in C6 glioblastoma cells after delta-aminolevulinic acid incubation: effect of a protoporphyrinogen oxidase inhibitor.

Randomized placebo-controlled trial of *Helicobacter pylori* eradication for iron-deficiency anemia in preadolescent children and adolescents.

Toxic equivalency factors of polychlorinated dibenzo-p-dioxins in an ovulation model: validation of the toxic equivalency concept for one aspect of endocrine disruption.

Heat shock protein expression protects against cerebral ischemia and monoamine overload in rat heatstroke.

BPD-MA-mediated photosensitization in vitro and in vivo: cellular adhesion and beta1 integrin expression in ovarian cancer cells.

4-chloro-m-cresol is a trigger of malignant hyperthermia in susceptible swine.

4-chloro-m-cresol triggers malignant hyperthermia in susceptible swine at doses greatly exceeding those found in drug preparations.

Expression of CYP1A1 and CYP1B1 depends on cell-specific factors in human breast cancer cell lines: role of estrogen receptor status.

Biochemistry of hemlock (*Conium maculatum* L.) alkaloids and their acute and chronic toxicity in livestock. A review.

Cancer, heart disease, and diabetes in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Learning and memory in rats gestationally and lactationally exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Delayed acute toxicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin (HpCDD), after oral administration, Obeyes Haber's rule of inhalation toxicology.

Increased tropoelastin and procollagen expression in the lung of nitrofen-induced diaphragmatic hernia in rats.

Heart hypoplasia in experimental congenital diaphragmatic hernia.

Involvement of tyrosine protein kinase in IFN-gamma-induced human endothelial cell apoptosis.

Toxicity of 3,3',4,4'-tetrachloroazoxybenzene in rats and mice.

Cytoplasmic elongation and rupture in megakaryoblastic leukemia cells via activation of adhesion and motility by staurosporine on fibronectin-bound substratum.

Evaluation of diabetes mellitus, serum glucose, and thyroid function among United States workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Low levels of p53 are associated with resistance to tetrachlorodibenzo-p-dioxin toxicity in DBA/2 mice.

Nitecapone inhibits myeloperoxidase in vitro and enhances functional performance after 8 h of ischemia in experimental heart transplantation.

Cancer incidence in a cohort of licensed pesticide applicators in Florida.

Heat-shock protein-73 protects against small intestinal warm ischemia-reperfusion injury in the rat.

TCDD-induced anorexia and wasting syndrome in rats: effects of diet-induced obesity and nutrition.

Energy metabolism inhibition impairs amyloid precursor protein secretion from Alzheimer's fibroblasts.

The heparin/heparan sulfate-binding site on apo-serum amyloid A. Implications for the therapeutic intervention of amyloidosis.

Ex vivo evaluation of a Taylor-Couette flow, immobilized heparinase I device for clinical application.

Cytochrome P450 CYP1B1 determines susceptibility to 7, 12-dimethylbenz[a]anthracene-induced lymphomas.

Recombinant human erythropoietin alpha in the correction of anaemia in epidermolysis bullosa.

[Oxidative injury and its defense system in vivo].

Cellular and molecular characterization of the scurfy mouse mutant.

Establishment of a double Philadelphia chromosome-positive acute lymphoblastic leukemia-derived cell line, TMD5: effects of cytokines and differentiation inducers on growth of the cells.

Relationships between environmental organochlorine contaminant residues, plasma corticosterone concentrations, and intermediary metabolic enzyme activities in Great Lakes herring gull embryos.

Endocrine biomarkers of early fetal loss in cynomolgus macaques (*Macaca fascicularis*) following exposure to dioxin.

A focused approach to anemia.

Sodium arsenite enhances copper accumulation in human lung adenocarcinoma cells.

The genetics of endometriosis.

Effects of dioxins on human health: a review.

GR-891: a novel 5-fluorouracil acyclonucleoside prodrug for differentiation therapy in rhabdomyosarcoma cells.

Dioxin is a systemic promoter blocker, II.

Arsenic speciation in human organs following fatal arsenic trioxide poisoning--a case report.

Quantification of axonal damage in traumatic brain injury: affinity purification and characterization of cerebrospinal fluid tau proteins.

Hydrogeological investigation of ground water arsenic contamination in south Calcutta.

Imprinting: perinatal exposures cause the development of diseases during the adult age.

Bovine blood components: fractionation, composition, and nutritive value.

The potential role of environmental toxins in the pathophysiology of endometriosis.

Differential response to benzo[A]pyrene in human lung adenocarcinoma cell lines: the absence of aryl hydrocarbon receptor activation.

Human cytochrome P4501A2.

Effect of varied fermentation periods on the diabetogenic potential of toasted cassava granules.

Some risk factors for non-Hodgkin's lymphoma.

Uremic ultrafiltrate inhibits platelet-activating factor synthesis.

Trypanosomosis agglutination card test for *Trypanosoma brucei rhodesiense* sleeping sickness.

[Neuropathy induced by insecticides].

Lung hypoplasia caused by nitrofen is mediated by down-regulation of thyroid transcription factor TTF-1.

Pulmonary neuroendocrine cells in nitrofen-induced diaphragmatic hernia and the effect of prenatal glucocorticoids.

Therapeutic values of different routes of administration of vitamin A with ferrous sulfate in treating deferoxamin-induced iron-deficiency anemia.

Mortality in a cohort of licensed pesticide applicators in Florida.

[A new method for the intravital assessment of the functional activity of the membrane transporters performing the efflux of antitumor preparations from the cells of solid tumor specimens].

Iron-mediated cardiotoxicity develops independently of extracellular hydroxyl radicals in isolated rat hearts.

Improved functional recovery of ischemic rat hearts due to singlet oxygen scavengers histidine and carnosine.

A 63 kDa skeletal muscle protein associated with eye muscle inflammation in Graves' disease is identified as the calcium binding protein calsequestrin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters cardiovascular and craniofacial development and function in sac fry of rainbow trout (*Oncorhynchus mykiss*).

Use of indirectly immobilized recombinant p17 antigen for detection of antibodies to HIV-1 by enzyme immunoassay.

Effect of exposure to 3,3',4,4',5-pentachlorobiphenyl (PCB 126) throughout gestation and lactation on development and spatial delayed alternation performance in rats.

Prenatal vitamin E treatment improves lung growth in fetal rats with congenital diaphragmatic hernia.

Inhibitory mechanisms of glycoprotein fraction derived from *Miscanthus sinensis* for the immediate phase response of an IgE-mediated cutaneous reaction.

Poly(ADP ribose) polymerase cleavage precedes neuronal death in the hippocampus and cerebellum following injury to the developing rat forebrain.

A malignant transformation of human cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin exhibits altered expressions of growth regulatory factors.

Hodgkin's disease, work, and the environment. A review.

Trovafloxacin: an overview.

Cytotoxicity of cadmium and characteristics of its transport in cardiomyocytes.

Effect of overproduction of interleukin 5 on dinitrofluorobenzene-induced allergic cutaneous response in mice.

Effect of sodium arsenite on plasma levels of gonadotrophins and ovarian steroidogenesis in mature albino rats: duration-dependent response.

[Changes in the erythropoiesis in normal mice after transplantation of peritoneal cells from syngeneic donors with prolonged sodium arsenite intoxication].

Enzymatic reduction of arsenic compounds in mammalian systems: the rate-limiting enzyme of rabbit liver arsenic biotransformation is MMA(V) reductase.

Activity-dependent neurotrophic factor peptide (ADNF9) protects neurons against oxidative stress-induced death.

Metabolism-based polycyclic aromatic acetylene inhibition of CYP1B1 in 10T1/2 cells potentiates aryl hydrocarbon receptor activity.

Hypoxia upregulates activity and expression of the glucose transporter GLUT1 in alveolar epithelial cells.

Differential protooncogene expression in Sprague Dawley and Fischer 344 rats during 1,2-dichlorobenzene-induced hepatocellular regeneration.

The role of plasma semicarbazide-sensitive amine oxidase in allylamine and beta-aminopropionitrile cardiovascular toxicity: mechanisms of myocardial protection and aortic medial injury in rats.

In vitro plantlet regeneration from mature zygotic embryos of *Pinus wallichiana* A.B. Jacks.

Voltage-dependent block of normal and mutant muscle sodium channels by 4-Chloro-m-Cresol.

Dose-dependent localization of TCDD in isolated centrilobular and periportal hepatocytes.

VEGF stimulates tyrosine phosphorylation of beta-catenin and small-pore endothelial barrier dysfunction.

Inactivation of the tricarboxylic acid cycle aconitase gene from *Streptomyces viridochromogenes* TÅ¼494 impairs morphological and physiological differentiation.

Acute peroxide treatment of rat hippocampal slices induces adenosine-mediated inhibition of excitatory transmission in area CA1.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated oxidative stress in CYP1A2 knockout (CYP1A2^{-/-}) mice.

Energetics of trout hepatocytes during A23187-induced disruption of Ca²⁺ homeostasis.

Different change patterns of the isozymes of cytochrome P450 and glutathione S-transferases in chemically induced liver damage in rat.

Acute iron intoxication: the efficacy of deferiprone and sodium bicarbonate in the prevention of iron absorption from the digestive tract.

Eosinophil apoptosis is mediated by stimulators of cellular oxidative metabolisms and inhibited by antioxidants: involvement of a thiol-sensitive redox regulation in eosinophil cell death.

Reference values and action levels of biological monitoring in occupational exposure.

Changes in mRNAs of inducible nitric oxide synthase and interleukin-1 beta in the liver, kidney and lung tissues of rats acutely exposed to paraquat.

Induction of negative regulators of haematopoiesis in human bone marrow cells by HLA-DR cross-linking.

Inter-organellar crosstalk in higher plants: impaired chloroplast development affects mitochondrial gene and transcript levels.

Oral phosphate binders: phosphate binding capacity of iron (III) hydroxide complexes containing saccharides and their effect on the urinary excretion of calcium and phosphate in rats.

Participation of different cell types in the restitutive response of the rat liver to periportal injury induced by allyl alcohol.

Increased group IV cytosolic phospholipase A2 activity in lungs of sheep after smoke inhalation injury.

Hair concentrations of calcium, iron, and zinc in pregnant women and effects of supplementation.

Hexachlorobenzene, a dioxin-type compound, increases malic enzyme gene transcription through a mechanism involving the thyroid hormone response element.

Role of the outward delayed rectifier K⁺ current in ceramide-induced caspase activation and apoptosis in cultured cortical neurons.

Evidence for the involvement of the fatty acid and peroxisomal beta-oxidation pathways in the inhibition by dehydroepiandrosterone (DHEA) and induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and benz(a)anthracene (BA) of cytochrome P4501B1 (CYP1B1) in mouse embryo fibroblasts (C3H10T1/2 cells).

Mechanisms of D-aspartate release under ischemic conditions in mouse hippocampal slices.

The chemistry of the metabolites of cyclophosphamide.

LDL stimulates mitogen-activated protein kinase phosphatase-1 expression, independent of LDL receptors, in vascular smooth muscle cells.

Immunotargeting of glucose oxidase: intracellular production of H₂O₂ and endothelial oxidative stress.

Effects of TNF- α and IL-1 β on iron metabolism by A549 cells and influence on cytotoxicity.

Acidic pH enhancement of the fusion of Newcastle disease virus with cultured cells.

The CC-chemokine RANTES increases the attachment of human immunodeficiency virus type 1 to target cells via glycosaminoglycans and also activates a signal transduction pathway that enhances viral infectivity.

Salivary histatin 5 induces non-lytic release of ATP from *Candida albicans* leading to cell death.

Suppression of sclerotinia stem rot of soybean by lactofen herbicide treatment.

UV-B exposure increases acute toxicity of pentachlorophenol and mercury to the rotifer *Brachionus calyciflorus*.

Identification of a novel cytosolic tocopherol-binding protein: structure, specificity, and tissue distribution.

Wild-type and Ras-transformed fibroblasts display differential mitogenic responses to transient sodium arsenite exposure.

Transplantation of fetal liver tissue suspension into the spleens of adult syngenic rats: effects of various mitogens and cytotoxins on cytochrome P450 (P450) isoforms expression and on P450 mediated monooxygenase functions.

Hypoxic hypometabolism in the anesthetized turtle, *Trachemys scripta*.

Hydrogen peroxide stimulates tyrosine phosphorylation of focal adhesion kinase in vascular endothelial cells.

Enzymatic methylation of arsenic compounds. VII. Monomethylarsonous acid (MMAIII) is the substrate for MMA methyltransferase of rabbit liver and human hepatocytes.

Potential of two hydra species as standard toxicity test animals.

Heat shock protein 27 expression in human proximal tubule cells exposed to lethal and sublethal concentrations of CdCl₂.

Injection of encapsulated cells producing an ifosfamide-activating cytochrome P450 for targeted chemotherapy to pancreatic tumors.

Disruption of male sex hormones with regard to pesticides: pathophysiological and regulatory aspects.

Uptake of vitamin A in macrophages from physiologic transport proteins: role of retinol-binding protein and chylomicron remnants.

Perception of dioxin and other risks in Japan: replication and extension.

Chondrocyte death is linked to development of a mitochondrial membrane permeability transition in the growth plate.

p120(ctn) acts as an inhibitory regulator of cadherin function in colon carcinoma cells.

An inhibitor of exported Mycobacterium tuberculosis glutamine synthetase selectively blocks the growth of pathogenic mycobacteria in axenic culture and in human monocytes: extracellular proteins as potential novel drug targets.

The effects of oxidative stress in in vitro cultured astroglial cells.

Photo-oxidative killing of human colonic cancer cells using indocyanine green and infrared light.

Panax ginseng protects the testis against 2,3,7, 8-tetrachlorodibenzo-p-dioxin induced testicular damage in guinea pigs.

Dietary intrinsic phytate protects colon from lipid peroxidation in pigs with a moderately high dietary iron intake.

Gene delivery of Kir6.2/SUR2A in conjunction with pinacidil handles intracellular Ca²⁺ homeostasis under metabolic stress.

Uncouplers of oxidative phosphorylation can enhance a Fas death signal.

Anaerobic formation and degradation of toxic aromatic compounds in agricultural and communal sewage deposits.

Dioxin and dibenzofuran concentrations in adipose tissue of a general population from Tarragona, Spain.

Kinetics of the Reaction of beta-Methoxy-alpha-nitrostilbene with Cyanamide in 50 DMSO-50 Water. Failure to Detect the S(N)V Intermediate.

Inhibition of both Na/H and bicarbonate-dependent exchange is required to prevent recovery of intracellular pH in single cardiomyocytes exposed to metabolic stress.

ECC-1 human endometrial cells as a model system to study dioxin disruption of steroid hormone function.

[Effects of hepatoprotective agents containing phospholipids on cytochrome P-450-dependent antitoxic liver function during experimental toxic hepatitis].

Carbonyl stress in the pathogenesis of diabetic nephropathy.

Toxicant-inflicted injury and stimulated tissue repair are opposing toxicodynamic forces in predictive toxicology.

Immunohistochemical evidence for an increased oxidative stress and carbonyl modification of proteins in diabetic glomerular lesions.

Yolk PCB and plasma retinol concentrations in shag (*Phalacrocorax aristotelis*) hatchlings.

Human immunodeficiency virus-1 infection requires pertussis toxin sensitive G-protein-coupled signalling and mediates cAMP downregulation.

Role of tyrosine phosphorylation of phospholipase C gamma1 in the signaling pathway of HMG-CoA reductase inhibitor-induced cell death of L6 myoblasts.

Inhibition of protoporphyrinogen oxidase expression in Arabidopsis causes a lesion-mimic phenotype that induces systemic acquired resistance.

Response-surface analyses for toxicity to *Tetrahymena pyriformis*: reactive carbonyl-containing aliphatic chemicals.

Simple and sensitive analysis of nereistoxin and its metabolites in human serum using headspace solid-phase microextraction and gas chromatography-mass spectrometry.

Ah receptor and ARNT protein and mRNA concentrations in rat prostate: effects of stage of development and 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment.

Neurons exhibiting dopamine D2 receptor immunoreactivity in the substantia nigra of the mutant weaver mouse.

The Ah receptor and a novel gene determine acute toxic responses to TCDD: segregation of the resistant alleles to different rat lines.

Involvement of tyrosine phosphorylation in HMG-CoA reductase inhibitor-induced cell death in L6 myoblasts.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin or 2,2',4,4',5,5'-hexachlorobiphenyl on vitamin K-dependent blood coagulation in male and female WAG/Rij-rats.

Synergism of energy starvation and dextran-conjugated doxorubicin in the killing of multidrug-resistant KB carcinoma cells.

Low-density lipoprotein enhances platelet secretion via integrin- α IIb β 3-mediated signaling.

Lysophosphatidic acid-induced calcium mobilization and proliferation in kidney proximal tubular cells.

NK1-receptor activation prevents hydrocarbon-induced lung injury in mice.

Forensic analysis of acute fatal poisonings in the southern districts of Trinidad.

Characterization of the dose-response of CYP1B1, CYP1A1, and CYP1A2 in the liver of female Sprague-Dawley rats following chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Cytochrome 1A1 induction by primaquine in human hepatocytes and HepG2 cells: absence of binding to the aryl hydrocarbon receptor.

Induction of collagenase-3 (MMP-13) expression in human skin fibroblasts by three-dimensional collagen is mediated by p38 mitogen-activated protein kinase.

The human immunodeficiency virus-1 Tat protein increases cell proliferation, alters sensitivity to zinc chelator-induced apoptosis, and changes Sp1 DNA binding in HeLa cells.

Enantioselective Relieving Activity of $\hat{\pm}$ -Methylbenzylphenylureas toward Bensulfuron-methyl Injury to Rice (*Oryza sativa*).

Potential alterations in gene expression associated with carcinogen exposure in *Mya arenaria*.

Heparinase treatment of bovine smooth muscle cells inhibits fibroblast growth factor-2 binding to fibroblast growth factor receptor but not FGF-2 mediated cellular proliferation.

Novel co-operation between eotaxin and substance-P in inducing eosinophil-derived neurotoxin release.

Effects of in vivo sodium azide administration on the immunohistochemical localization of kynurenine aminotransferase in the rat brain.

Prevention of reactive oxygen-induced endothelial cell injury by blocking its process.

Phosphotyrosine signalling as a regulator of neural crest cell adhesion and motility.

The lipid peroxidation product 4-hydroxynonenal impairs glutamate and glucose transport and choline acetyltransferase activity in NSC-19 motor neuron cells.

Primary hepatic angiosarcoma: report of a case involving environmental arsenic exposure.

Herbicide (Roundup) pneumonitis.

Use of new microbiotests with *Daphnia magna* and *Selenastrum capricornutum* immobilized forms.

Involvement of capsaicin-sensitive nerves in paraquat-induced mortality.

[Nephrotoxicity of pesticides].

Chronic dietary toxicity study on 2,4-dichlorophenoxybutyric acid in the dog.

Chronic dietary toxicity/oncogenicity studies on 2,4-dichlorophenoxybutyric acid in rodents.

Incidence rates of lymphomas and environmental measurements of phenoxy herbicides: ecological analysis and case-control study.

Paraquat-induced cell death in PC12 cells.

Paraquat poisoning.

Postservice mortality of US Air Force veterans occupationally exposed to herbicides in Vietnam: 15-year follow-up.

The nature of antioxidant defense mechanisms: a lesson from transgenic studies.

Airspace configuration at different transpulmonary pressures in normal and paraquat-induced lung injury in rats.

Acute 2,4-D poisoning in tench (*Tinca tinca* L.): lesions in the hematopoietic portion of the kidney.

Chronic effects of the herbicide diuron on freshwater cladocerans, amphipods, midges, minnows, worms, and snails.

Health effects of occupational pentachlorophenol exposure in timber sawmill employees: a preliminary study.

MPP+ toxicity and plasma membrane dopamine transporter: study using cell lines expressing the wild-type and mutant rat dopamine transporters.

Effects of environmental synthetic chemicals on thyroid function.

Low-level exposure to diquat induces a neurally mediated intestinal hypersecretion in rats: involvement of nitric oxide and mast cells.

Homicidal poisoning by paraquat.

Urinary excretion and pharmacokinetics of acrolein and its parent drug cyclophosphamide in bone marrow transplant patients.

Mice with a homozygous null mutation for the most abundant glutathione peroxidase, Gpx1, show increased susceptibility to the oxidative stress-inducing agents paraquat and hydrogen peroxide.

From toxicological problem to therapeutic use: the discovery of the mode of action of 2-(2-nitro-4-trifluoromethylbenzoyl)-1,3-cyclohexanedione (NTBC), its toxicology and development as a drug.

Surfactant therapy restores gas exchange in lung injury due to paraquat intoxication in rats.

Single lung transplantation for adult respiratory distress syndrome after paraquat poisoning.

Paraquat: a useful tool for the in vivo study of mechanisms of neuronal cell death.

The reproductive toxicity of molinate and metabolites to the male rat: effects on testosterone and sperm morphology.

Antioxidant vitamins C and E affect the superoxide-mediated induction of the soxRS regulon of Escherichia coli.

Cellular glutathione peroxidase is the mediator of body selenium to protect against paraquat lethality in transgenic mice.

Herbicide Effects on Sugarcane Growth, Pythium Root Rot, and Pythium arrhenomanes.

Dietary Mg and/or K restriction enhances paraquat toxicity in rats.

Involvement of oxidative stress in paraquat-induced metallothionein synthesis under glutathione depletion.

Paraquat-induced renal injury studied by ¹H nuclear magnetic resonance spectroscopy of urine.

Malicious paraquat poisoning in Oklahoma dogs.

Serum dioxin, chloracne, and acne in veterans of Operation Ranch Hand.

[Structural-functional changes in the thyroid gland after chronic exposure to the dioxin-containing herbicide 2,4-D].

[Solid waste and its effect on health (review)].

[Hygienic significance of environmental accumulation of dioxin (review)].

Dermatotoxicity of agricultural chemicals in the dorsal skin of hairless dogs.

A case-referent study of extrapyramidal signs (preparkinsonism) in rural communities of Israel.

Second follow-up of a Dutch cohort occupationally exposed to phenoxy herbicides, chlorophenols, and contaminants.

Paraquat tolerance and alteration of internal gill structure of *Scinax nasica* tadpoles (Anura: Hylidae).

[Lethal paraquat poisoning caused by spraying in a vinyl greenhouse of causing pulmonary fibrosis with a hepatorenal dysfunction].

Cancer incidence in Danish phenoxy herbicide workers, 1947-1993.

Testicular toxicity of molinate in the rat: metabolic activation via sulfoxidation.

Acute 2,4-dichlorophenoxyacetic acid intoxication in broiler chicks.

Inorganic and methylated arsenic compounds induce cell death in murine macrophages via different mechanisms.

[Paraquat poisoning in children].

Paraquat poisoning: an experimental model of dose-dependent acute lung injury due to surfactant dysfunction.

[An Italian multicenter case-control study on malignant neoplasms of the hematolymphopoietic system. Hypothesis and preliminary results on work-related risks. WILL (Working Group on Hematolymphopoietic Malignancies in Italy)].

Genetic and environmental risk factors in Parkinson's disease.

[Morphofunctional characteristics of the testis of albino rats exposed to dioxin-containing herbicide 2,4-D].

G-protein activation and expression in lung injury.

Acute paraquat poisoning: increased toxicity in one case with high alcohol intake.

A case of paraquat poisoning.

Paternal dioxin, preterm birth, intrauterine growth retardation, and infant death.

Herbicide safener-binding protein of maize. Purification, cloning, and expression of an encoding cDNA.

Mitochondrial NADH-quinone oxidoreductase of the outer membrane is responsible for paraquat cytotoxicity in rat livers.

Augmentation of allergic reactions by several pesticides.

Susceptibility to skin stinging, non-immunologic contact urticaria and acute skin irritation; is there a relationship?

Evaluation of the sensitivity of rapid toxicity tests relative to daphnid acute lethality tests.

Effect of 2,4-dichlorophenoxyacetic acid, trifluralin and triallate herbicides on immune function.

Apoptosis in human lung epithelial cells: triggering by paraquat and modulation by antioxidants.

Morphological changes in mitochondria and lysosomes of hepatocytes in acute intoxication with 2,4-dichlorophenoxyacetic acid (2,4-D).

[Inhibitory effect of green tea infusion of hepatotoxicity].

Ultrastructural changes in rat hepatocytes in acute intoxication with 2,4-dichlorophenoxyacetic acid (2,4-D).

Fetotoxic effect of 2,4-dichlorophenoxyacetic acid (2,4-D) in rats.

Kaposi's sarcoma in dog with acquired immunodeficiency after phosphate poisoning.

Nitric oxide inhalation for paraquat--surviving both poisoning and therapy?

Nitric oxide inhalation for paraquat-induced lung injury.

Acrolein: a respiratory toxin that suppresses pulmonary host defense.

[Use of interferon in hepatic necrosis produced by paraquat and yellow phosphorus: experimental evaluation].

Flucloralin is cytotoxic and genotoxic and induces apoptosis in mammalian cells.

Antioxidant and detoxifying enzymes in the liver and kidney of pheasants after intoxication by herbicides MCPA and ANITEN I.

In vivo dual effects of vitamin C on paraquat-induced lung damage: dependence on released metals from the damaged tissue.

'Golf ball liver': a cause of chronic hepatitis?

Prokaryotic iron superoxide dismutase replaces cytosolic copper, zinc superoxide dismutase in protecting yeast cells against oxidative stress.

Extraperoxisomal targets of peroxisome proliferators: mitochondrial, microsomal, and cytosolic effects. Implications for health and disease.

Neurological effects of glufosinate poisoning with a brief review.

Regional vulnerability to endogenous and exogenous oxidative stress in organotypic hippocampal culture.

Acute and chronic ethanol increases reactive oxygen species generation and decreases viability in fresh, isolated rat hepatocytes.

Paraquat poisoning.

Chlorinated hydrocarbons in women with repeated miscarriages.

Pulmonary arterioles from rats with congenital diaphragmatic hernias are hypoplastic but not hyperresponsive.

Hypoxic pulmonary vasoconstriction is impaired in rats with nitrofen-induced congenital diaphragmatic hernia.

The protective effect of 17 beta-estradiol on vasomotor responses of aorta from cholesterol-fed rabbit is reduced by inhibitors of superoxide dismutase and catalase.

Cytokine-mediated induction of ceramide production is redox-sensitive. Implications to proinflammatory cytokine-mediated apoptosis in demyelinating diseases.

Chloracne and morbidity after dioxin exposure (preliminary results).

Free radicals and antioxidant status following pylorus ligation induced gastric mucosal injury in rats.

Role of tumor necrosis factor-alpha in regulating fibrotic lung repair.

Prolonged swimming, recovery and repeat swimming performance of mature sockeye salmon *Oncorhynchus nerka* exposed to moderate hypoxia and pentachlorophenol.

A morbidity study of former pentachlorophenol-production workers.

Mechanisms of inhibition of aldehyde dehydrogenase by nitroxyl, the active metabolite of the alcohol deterrent agent cyanamide.

Effect of dexamethasone on endothelial nitric oxide synthase in experimental congenital diaphragmatic hernia.

Endothelin-1 pulmonary vasoconstriction in rats with diaphragmatic hernia.

Exposure to dioxin and nonneoplastic mortality in the expanded IARC international cohort study of phenoxy herbicide and chlorophenol production workers and sprayers.

Environmental risk factors for Parkinson's disease in an urban multiethnic community.

Periplasmic superoxide dismutase in meningococcal pathogenicity.

The origin, effects and control of air pollution in laboratories used for human embryo culture.

Substitution of Ala-251 of the D1 reaction centre polypeptide with a charged residue results in impaired function of photosystem II.

Regionally specific changes in central brain monoamine levels by 2,4-dichlorophenoxyacetic acid in acute treated rats.

The renal excretory mechanisms and the role of organic cations in modulating the renal handling of paraquat.

Herbicide residues in leaves of *Erythroxylum coca* var. *coca* plants treated with soil-applied tebuthiuron and hexazinone.

Growth on urea can trigger death and peroxidation of the cyanobacterium *Synechococcus* sp. strain PCC 7002.

Oxidative stress and hypoxia/reoxygenation trigger CD95 (APO-1/Fas) ligand expression in microglial cells.

Clusterin protects against oxidative stress in vitro through aggregative and nonaggregative properties.

Gastric and intestinal ethanol toxicity in the rat. Effect on glutathione level and role of alcohol and acetaldehyde metabolisms.

Muscle cells from mdx mice have an increased susceptibility to oxidative stress.

Activation of hepatic NF-kappaB by the herbicide Dicamba (2-methoxy-3,6-dichlorobenzoic acid) in female and male rats.

Confirmation that magnesium lithospermate B ameliorates paraquat-induced injury in cultured renal epithelial cells.

Intrahippocampal injection of paraquat produces apoptotic cell death which is prevented by the lazaroïd U74389G, in rats.

Ethanol-induced changes of intracellular thiol compartmentation and protein redox status in the rat liver: effect of tauroursodeoxycholate.

Inhibitor and temperature effect on catalase in the liver of adult diploid and haploid *Rana rugosa*.

Periplasmic copper-zinc superoxide dismutase protects *Haemophilus ducreyi* from exogenous superoxide.

Paraquat-induced free radical reaction in mouse brain microsomes.

Peptide modification or blocking of CD8, resulting in weak TCR signaling, can activate CTL for Fas- but not perforin-dependent cytotoxicity or cytokine production.

Expression of mucin-associated sulfo-Lea carbohydrate epitopes on human colon carcinoma cells.

Body weight loss and changes in tryptophan homeostasis by chlorinated dibenzo-p-dioxin congeners in the most TCDD-susceptible and the most TCDD-resistant rat strain.

Antihypertensive and vasodilator actions of antioxidants in spontaneously hypertensive rats.

Interactive toxicity and stress protein expression by vinylidene chloride and monochloroacetate in precision-cut rat liver slices.

Environmental complex mixture toxicity assessment.

Health effects associated with sulfuryl fluoride and methyl bromide exposure among structural fumigation workers.

Expression of adhesion molecules by Ip(a): a potential novel mechanism for its atherogenicity.

Concentrated cresol intoxication.

Enantiomers of flurbiprofen can distinguish key pathophysiological steps of NSAID enteropathy in the rat.

IL-12 enhances antibody responses to T-independent polysaccharide vaccines in the absence of T and NK cells.

Phosphine-induced oxidative stress in Hepa 1c1c7 cells.

Immunological markers among workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of in utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on serum androgens and steroidogenic enzyme activities in the male rat reproductive tract.

A sensitive HPLC method for the quantification of free and total p-cresol in patients with chronic renal failure.

Optimized determination of carbohydrate-deficient transferrin isoforms in serum by capillary zone electrophoresis.

Herbimycin-A attenuates ischaemia-reperfusion induced pulmonary neutrophil infiltration.

Modification of tau to an Alzheimer's type protein interferes with its interaction with microtubules.

Induction of heat shock protein-73 reduces ischemia-reperfusion injury in rat small intestine.

Lack of effect of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) throughout gestation and lactation on multiple fixed interval-fixed ratio and DRL performance in rats.

Marked increases of aminotransferase levels after cresol ingestion.

Immunologic cross-reactivity between respiratory chemical sensitizers: reactive dyes and cyanuric chloride.

Oncostatin M up-regulates tissue inhibitor of metalloproteinases-3 gene expression in articular chondrocytes via de novo transcription, protein synthesis, and tyrosine kinase- and mitogen-activated protein kinase-dependent mechanisms.

Irregular patterns of transgene silencing in allohexaploid oat.

PKC and tyrosine kinase involvement in amyloid beta (25-35)-induced chemotaxis of microglia.

Serum transferrin receptor and transferrin receptor-ferritin index identify healthy subjects with subclinical iron deficits.

Heat shock proteins: protective effect and potential therapeutic use (review).

Reptiles as models of contaminant-induced endocrine disruption.

Low-dose oral iron absorption test: establishment of a reference interval.

Molecular and functional aspects of the hairless (hr) gene in laboratory rodents and humans.

Occupational risk factors for cancer of the gastric cardia. Analysis of death certificates from 24 US states.

Metabolic recovery of isolated adult rat cardiomyocytes after energy depletion: existence of an ATP threshold?

Quantitation of CD38 expression using QuantiBRITE beads.

Pathways for eosinophil lipid body induction: differing signal transduction in cells from normal and hypereosinophilic subjects.

S 18126 ([2-[4-(2,3-dihydrobenzo[1,4]dioxin-6-yl)piperazin-1-yl methyl]indan-2-yl]), a potent, selective and competitive antagonist at dopamine D4 receptors: an in vitro and in vivo comparison with L 745,870 (3-(4-[4-chlorophenyl]piperazin-1-yl)methyl-1H-pyrrolo[2, 3b]pyridine) and raclopride.

Role of endothelial carbon monoxide in attenuated vasoreactivity following chronic hypoxia.

Molecular analysis of collagens in bladder fibrosis.

Suicide mortality and pesticide use among Canadian farmers.

Advanced glycation end products induce crosslinking of collagen in vitro.

Claims based on exposure to ionizing radiation (prostate cancer and any other cancer)--VA. Final rule.

Genotoxicity in workers exposed to methyl bromide.

Case-control study of occupational exposures and male breast cancer.

Isolation of a variant which has reduced Src activity from SH-SY5Y neuroblastoma cells.

[Dioxins: current knowledge about health effects].

Sensitivity of reticulocyte indices to iron therapy in an intensely training athlete.

Epidermal Langerhans cell apoptosis is induced in vivo by nonanoic acid but not by sodium lauryl sulphate.

Nitric oxide inhibits stress-induced endothelial cell apoptosis.

Micellar electrokinetic chromatography for the determination of urinary desmosine and isodesmosine in patients affected by chronic obstructive pulmonary disease.

Genesis of the uraemic syndrome: role of uraemic toxins.

Calcium-dependent nitric oxide production is involved in arsenite-induced micronuclei.

Heat shock protein expression protects against death following exposure to heatstroke in rats.

Glucosamine-induced insulin resistance in 3T3-L1 adipocytes is caused by depletion of intracellular ATP.

Agricultural use of DDT and risk of non-Hodgkin's lymphoma: pooled analysis of three case-control studies in the United States.

Meta-analyses of non-Hodgkin's lymphoma and farming.

A case-control study of occupational and environmental risk factors for Parkinson's disease in the Emilia-Romagna region of Italy.

The neurotoxicity of polychlorinated biphenyls.

Calcitonin gene-related peptide expression is altered in pulmonary neuroendocrine cells in developing lungs of rats with congenital diaphragmatic hernia.

Inhibition of guinea pig skin allergic reactions by nonpeptide bradykinin B2 receptor antagonist FR173657.

Diagnosis of von Willebrand disease type 2N: a simplified method for measurement of factor VIII binding to von Willebrand factor.

Acute poisonings and sudden deaths in Crete: a five-year review (1991-1996).

Manganese: a transition metal protects nigrostriatal neurons from oxidative stress in the iron-induced animal model of parkinsonism.

Effects of dietary exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in adult female mink (*Mustela vison*).

The Ah receptor is not involved in 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated apoptosis in human leukemic T cell lines.

Oxidative damage induced by the fullerene C60 on photosensitization in rat liver microsomes.

Urinary levels of inorganic and organic arsenic metabolites among residents in an arseniasis-hyperendemic area in Taiwan.

Hemochromatosis presenting as acute liver failure after iron supplementation.

Incorporation of structurally defective type II collagen into cartilage matrix in kniest chondrodysplasia.

Cyclosporin A increases resting mitochondrial membrane potential in SY5Y cells and reverses the depressed mitochondrial membrane potential of Alzheimer's disease cybrids.

Subchronic/chronic toxicity of a mixture of four chlorinated dibenzo-p-dioxins in rats. I. Design, general observations, hematology, and liver concentrations.

Administration of antenatal glucocorticoids prevents pulmonary artery structural changes in nitrofen-induced congenital diaphragmatic hernia in rats.

Developmental and reproductive toxicity of inorganic arsenic: animal studies and human concerns.

Atherosclerotic risks from chemicals: part II. A RASH analysis of in vitro and in vivo bioassay data to evaluate 45 potentially hazardous compounds.

In utero and lactational exposure of the male rat to 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs prostate development. 2. Effects on growth and cytodifferentiation.

In utero and lactational exposure of the male rat to 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs prostate development. 1. Effects on gene expression.

Transgenic mice with elevated level of CuZnSOD are highly susceptible to malaria infection.

Deaths from pesticide poisoning in Spain from 1991 to 1996.

Effects of glucose deprivation, chemical hypoxia, and simulated ischemia on Na⁺ homeostasis in rat spinal cord astrocytes.

[Immunotoxicology in occupational and environmental medicine: prospectives, limitations, and research objectives].

Forms and prevalence of intersexuality and effects of environmental contaminants on sexuality in cricket frogs (*Acris crepitans*).

Sodium arsenite-induced chromosomal aberrations in the Xq arm of Chinese hamster cell lines.

Mechanisms of gender-specific TCDD-induced toxicity in guinea pig adipose tissue.

[The use of benzyl alcohol and amyl-m-cresol (Strepsils) in the oral cavity. (Review of the literature and first clinical experiences)].

Atherogenic lipoproteins enhance mesangial cell expression of platelet-derived growth factor: role of protein tyrosine kinase and cyclic AMP-dependent protein kinase A.

The risk of Parkinson's disease with exposure to pesticides, farming, well water, and rural living.

Iron nutritional status is improved in Brazilian preterm infants fed food cooked in iron pots.

Transgene expression kinetics after transfection with cationic phosphonolipids in hematopoietic non adherent cells.

Mechanism of sodium arsenite-mediated induction of heme oxygenase-1 in hepatoma cells. Role of mitogen-activated protein kinases.

[Clinical experience with iron supplementation in pregnancy].

Bioavailability of the iron formulated as natural ferric protein (TM/FMOA) and natural ferric protein + folic acid (TM/FMOA+FOL).

Agricultural use of *Burkholderia* (*Pseudomonas*) *cepacia*: a threat to human health?

Animal models of human response to dioxins.

Some aspects of the etiology of non-Hodgkin's lymphoma.

Estimation of the cumulated exposure to polychlorinated dibenzo-p-dioxins/furans and standardized mortality ratio analysis of cancer mortality by dose in an occupationally exposed cohort.

Evaluation of cardiovascular outcomes among U.S. workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The Seveso studies on early and long-term effects of dioxin exposure: a review.

Activation of tissue-factor gene expression in breast carcinoma cells by stimulation of the RAF-ERK signaling pathway.

Successful treatment of dinitrophenol poisoning in a child.

Prevention of iron-deficiency anemia: comparison of high- and low-iron formulas in term healthy infants after six months of life.

Developmental differences in response of mesenteric artery to acute hypoxia in vitro.

Epidermal growth factor protects neuronal cells in vivo and in vitro against transient forebrain ischemia- and free radical-induced injuries.

Herbimycin A accelerates the induction of apoptosis following etoposide treatment or gamma-irradiation of bcr/abl-positive leukaemia cells.

Abnormality in catalase import into peroxisomes leads to severe neurological disorder.

Arsenate toxicity in human erythrocytes: characterization of morphologic changes and determination of the mechanism of damage.

Cyanogenic potential of cassava flour: field trial in Mozambique of a simple kit.

A computer-aided 3-D geometry of acute and chronic zonal necrosis: three-D tangent counting applied in an attempt to re-examine the structure of the human liver.

The genetics of endometriosis.

Plasma hydrogen peroxide production in hypertensives and normotensive subjects at genetic risk of hypertension.

Parvovirus B19 infection and unresponsiveness to erythropoietin therapy in haemodialysis patients.

Role of altered arachidonic acid metabolism in 2,3,7, 8-tetrachlorodibenzo-p-dioxin-induced immune suppression in C57Bl/6 mice.

Congenital diaphragmatic hernia--does the side of the defect influence the incidence of associated malformations?

Collagen-induced arthritis in nonhuman primates: multiple epitopes of type II collagen can induce autoimmune-mediated arthritis in outbred cynomolgus monkeys.

Hypoferremia, absent bone marrow macrophage iron, and microcytic anemia with minimal response to iron therapy: an acquired disorder of iron metabolism.

Quantitative assessment of color vision impairment in workers exposed to toluene.

Cellular stimulation via CD95 involves activation of phospho-inositide-3-kinase.

Structurally abnormal type II collagen in a severe form of Kniest dysplasia caused by an exon 24 skipping mutation.

Differential display of genes in normal and hypoplastic fetal murine lungs.

Effective utilization of erythropoietin with intravenous iron therapy.

Dioxin exposure and non-malignant health effects: a mortality study.

Neurotrophic factors decrease the release of creatine kinase and prostaglandin E2 from metabolically stressed muscle.

Cancer chemopreventive and therapeutic activities of red ginseng.

Acute intoxication with trichloroethene: clinical symptoms, toxicokinetics, metabolism, and development of biochemical parameters for renal damage.

Antenatal glucocorticoid therapy suppresses angiotensin-converting enzyme activity in rats with nitrofen-induced congenital diaphragmatic hernia.

The 64-kilodalton eye muscle protein is the flavoprotein subunit of mitochondrial succinate dehydrogenase: the corresponding serum antibodies are good markers of an immune-mediated damage to the eye muscle in patients with Graves' hyperthyroidism.

Arsenic species in drinking water, hair, fingernails, and urine of patients with blackfoot disease.

A useful method to evaluate bone resorption inhibitors, using osteoclast-like multinucleated cells.

[Management of hydatid disease of the lung].

Induction of hydrogen peroxide production and Bax expression by caspase-3(-like) proteases in tyrosine kinase inhibitor-induced apoptosis in human small cell lung carcinoma cells.

The antibiotic ceftazidime is a singlet oxygen quencher as demonstrated by ultra-weak chemiluminescence and by inhibition of AAP consumption.

Protein profiles and identification of high performance liquid chromatography isolated proteins of cancer cell lines using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry.

Sensitive enzyme immunoassay of antibodies to HIV-1 p17 antigen using indirectly immobilized recombinant p17 for diagnosis of HIV-1 infection.

The epidemiology of Parkinson's disease in an Australian population.

An unusual exposure to methyl bromide leading to fatality.

Chromosome aberrations in vitro related to cytotoxicity of nonmutagenic chemicals and metabolic poisons.

Environmental and occupational aspects on the etiology of non-Hodgkin's lymphoma.

[Speciation of metals in occupational medicine].

Chemical warfare agents: estimating oral reference doses.

Protective effects of nicaraven, a new hydroxyl radical scavenger, on the endothelial dysfunction after exposure of pig coronary artery to hydroxyl radicals.

Effects of the nonsteroidal anti-inflammatory drug nimesulide on energy metabolism in livers from adjuvant-induced arthritic rats.

Porphyria and porphyrinology--the past fifteen years.

[Long-term ecological and genetic consequences of use of dioxin-containing environmental agents].

The absorption of iron, calcium, phosphorus, magnesium, copper and zinc in the jejunum-ileum of control and iron-deficient rats.

Pulmonary vascular balance in congenital diaphragmatic hernia: enhanced endothelin-1 gene expression as a possible cause of pulmonary vasoconstriction.

Effect of prenatal glucocorticoids on pulmonary vascular muscularisation in nitrofen-induced congenital diaphragmatic hernia.

Modulation of ovarian follicle maturation and effects on apoptotic cell death in Holtzman rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in utero and lactationally.

Fertility among a cohort of male sawmill workers exposed to chlorophenate fungicides.

Collagens in the liver extracellular matrix bind hepatocyte growth factor.

Dioxin causes a sustained oxidative stress response in the mouse.

Metabolic depletion inhibits the uptake of nontransferrin-bound iron by K562 cells.

1,2-Dichlorobenzene-induced lipid peroxidation in male Fischer 344 rats is Kupffer cell dependent.

Dose-response relationships for disposition and hepatic sequestration of polyhalogenated dibenzo-p-dioxins, dibenzofurans, and biphenyls following subchronic treatment in mice.

Vitamin E protects the brain against oxidative injury stimulated by excessive aluminum intake.

Epidermal growth factor receptor as a mediator of developmental toxicity of dioxin in mouse embryonic teeth.

Current approaches toward chemical mixture studies at the National Institute of Environmental Health Sciences and the U.S. National Toxicology Program.

Rapid stimulation of glucose transport by mitochondrial uncoupling depends in part on cytosolic Ca²⁺ and cPKC.

Mannitol at clinical concentrations activates multiple signaling pathways and induces apoptosis in endothelial cells.

Functional consequences of mutations of conserved, polar amino acids in transmembrane sequences of the Ca²⁺ release channel (ryanodine receptor) of rabbit skeletal muscle sarcoplasmic reticulum.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the lymphatic absorption of a single oral dose of [³H]retinol and on the intestinal retinol esterification in the rat.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazoxybenzene (CAS No. 21232-47-3) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

NTP Technical Report on the Toxicity Studies of 3,3',4,4'-Tetrachloroazobenzene (CAS No. 14047-09-7) Administered by Gavage to F344/N Rats and B6C3F1 Mice.

Inhibition of oxidant-induced lipid peroxidation in cultured renal tubular epithelial cells (LLC-PK1) by quercetin.

Heat shock protein improves cold preserved small bowel grafts.

Hepatobiliary transport kinetics of HSR-903, a new quinolone antibacterial agent.

Level of HgCl₂-mediated phosphorylation of intracellular proteins determines death of thymic T-lymphocytes with or without DNA fragmentation.

Angiotensin II-stimulated collagen gel contraction by heart fibroblasts: role of the AT1 receptor and tyrosine kinase activity.

Down-regulation of cytochrome P450 1A1 gene promoter by oxidative stress. Critical contribution of nuclear factor 1.

Effect of glutathione depletion and metallothionein gene expression on arsenic-induced cytotoxicity and c-myc expression in vitro.

Toxicokinetics of an environmentally relevant mixture of dioxin-like PHAHs with or without a non-dioxin-like PCB in a semi-chronic exposure study in female Sprague Dawley rats.

Transgenic analysis of the cSOD-null phenotypic syndrome in *Drosophila*.

Evidence for impaired assimilation and increased colonic fermentation of protein, related to gastric acid suppression therapy.

Metabolism of ethanol by rat pancreatic acinar cells.

Contaminants in eggs of colonial waterbirds and hepatic cytochrome P450 enzyme levels in pipped tern embryos, Washington State.

Heparan sulfate proteoglycans control intracellular processing of bFGF in vascular smooth muscle cells.

Morphological, physiological and metabolic comparisons between runner-like and sheet-like inbred lines of a colonial hydroid.

In vivo percutaneous absorption of boric acid, borax, and disodium octaborate tetrahydrate in humans compared to in vitro absorption in human skin from infinite and finite doses.

[State of free radical lipid peroxidation in white rats under chronic effects of dioxin].

Zonal location of compensatory hepatocyte proliferation following chemically induced hepatotoxicity in rats and humans.

Biochemical markers for differentiation of exposures to nonplanar polychlorinated biphenyls, organochlorine pesticides, or 2,3,7, 8-tetrachlorodibenzo-p-dioxin in trout liver.

Induction of heat-shock protein protects the small intestine from preservation injury.

Military history of patients with inflammatory bowel disease: an epidemiological study among U.S. veterans.

S 16924 ((R)-2-[1-[2-(2,3-dihydro-benzo[1,4] dioxin-5-Yloxy)-ethyl]-pyrrolidin-3yl]-1-(4-fluoro-phenyl)-ethanone), a novel, potential antipsychotic with marked serotonin (5-HT)_{1A} agonist properties: I. Receptorial and neurochemical profile in comparison with clozapine and haloperidol.

Ceramide accumulation during oxidant renal tubular injury: mechanisms and potential consequences.

Mutagenesis of human Mel1a melatonin receptor expressed in yeast reveals domains important for receptor function.

Interleukin 3 prevents delayed neuronal death in the hippocampal CA1 field.

Apoptosis, reproductive failure, and oxidative stress in Chinese hamster ovary cells with compromised genomic integrity.

Secretion of a Fungal Extracellular Catalase by *Claviceps purpurea* During Infection of Rye: Putative Role in Pathogenicity and Suppression of Host Defense.

Cytotoxic effects and induction of cytochromes P450 1A1/2 by insecticides, in hepatic or epidermal cells: binding capability to the Ah receptor.

p38 mitogen-activated protein kinase inhibition attenuates intercellular adhesion molecule-1 up-regulation on human pulmonary microvascular endothelial cells.

Stress-induced fractal rearrangement of the endothelial cell cytoskeleton causes apoptosis.

Enhanced oxidative stress and altered antioxidants in brains of Bcl-2-deficient mice.

Interactions between bioenergetics and mitochondrial biogenesis.

Teratogen-induced cell death in postimplantation mouse embryos: differential tissue sensitivity and hallmarks of apoptosis.

Inactivation of mycobacteriophage D29 using ferrous ammonium sulphate as a tool for the detection of viable *Mycobacterium smegmatis* and *M. tuberculosis*.

Serum and urinary boron levels in rats after single administration of sodium tetraborate.

Subchronic/chronic toxicity of a mixture of four chlorinated dibenzo-p-dioxins in rats. II. Biochemical effects.

Effect of acute-phase and heat-shock stress on apoptosis in intestinal epithelial cells (Caco-2).

Expression of cytosolic beta-glucosidase in guinea pig liver cells.

E-C coupling failure in mouse EDL muscle after in vivo eccentric contractions.

Sodium iron EDTA [NaFe(III)EDTA] as a food fortificant does not influence absorption and urinary excretion of manganese in healthy adults.

Src family tyrosine kinase regulates intracellular pH in cardiomyocytes.

Plant regeneration via somatic embryogenesis, and transient gene expression in sweet potato protoplasts.

Cytotoxic Response Profiles of Cultured Renal Epithelial and Mesenchymal Cells to Selected Aromatic Hydrocarbons.

Development of a model for classification of toxin-induced lesions using ¹H NMR spectroscopy of urine combined with pattern recognition.

Suppression of immunoglobulin E-mediated anaphylactic reaction by Hwanglyun-Haedok-Tang water extract.

Tyrosine kinases and calcium dependent activation of endothelial cell phospholipase D by diperoxovanadate.

Treatment of rats during pubertal development with 2,3,7,8-tetrachlorodibenzo-p-dioxin alters both signaling kinase activities and epidermal growth factor receptor binding in the testis and the motility and acrosomal reaction of sperm.

Differentiating and proliferative effects of HGF in renal proximal tubular cells are mediated via different signalling pathways.

Mycobacterium tuberculosis mannose-capped lipoarabinomannan can induce NF-kappaB-dependent activation of human immunodeficiency virus type 1 long terminal repeat in T cells.

Hydrogen peroxide activates mitogen-activated protein kinases and Na⁺-H⁺ exchange in neonatal rat cardiac myocytes.

Metabolism of inorganic arsenic in children with chronic high arsenic exposure in northern Argentina.

Characterization of metabolites in the biotransformation of 2,4,6-trinitrotoluene with anaerobic sludge: role of triaminotoluene.

Suppression of C/EBPalpha and induction of C/EBPbeta by 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse adipose tissue and liver.

Anti-immunoglobulin E antibody treatment blocks histamine release and tissue contraction in sensitized mice.

AMPA receptor mediated excitotoxicity in neocortical neurons is developmentally regulated and dependent upon receptor desensitization.

Injury of stromal fibroblasts induces phosphorylation of focal adhesion proteins.

Interleukin 1beta and interleukin 6, but not tumor necrosis factor alpha, inhibit insulin-stimulated glycogen synthesis in rat hepatocytes.

Neurotransmitter regulation of MAP kinase signaling in striatal neurons in primary culture.

Buprenorphine hydrochloride induces apoptosis in NG108-15 nerve cells.

Similarities in the metabolism of alloxan and dehydroascorbate in human erythrocytes.

The tyrosine kinase p56lck mediates activation of swelling-induced chloride channels in lymphocytes.

Shoot regeneration and somatic embryogenesis from different explants of Brahmi [*Bacopa monniera* (L.) Wettst.].

Regeneration of coconut (*Cocos nucifera* L.) from plumule explants through somatic embryogenesis.

Myelosuppressive activity of two herbicides, atrazine and dinoterb, on human haematopoietic progenitor cells: An in vitro assay to evaluate the effects of intermediate or long-term exposure.

Cytotoxic response profiles of cultured rat hepatocytes to selected aromatic hydrocarbons.

Immune cell functions in industrial workers after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: dissociation of antigen-specific T-cell responses in cultures of diluted whole blood and of isolated peripheral blood mononuclear cells.

Immunologic findings in workers formerly exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin and its congeners.

Cigarette smoke extract inhibits fibroblast-mediated collagen gel contraction.

Hepatic oval cell activation in response to injury following chemically induced periportal or pericentral damage in rats.

Analysis of CD44 interactions with hyaluronan in murine L cell fibroblasts deficient in glycosaminoglycan synthesis: a role for chondroitin sulfate.

Reduced fertility in female mice lacking copper-zinc superoxide dismutase.

The effects of serum iminodipeptides and prednisolone on superoxide generation and tyrosyl phosphorylation of proteins in neutrophils from a patient with prolidase deficiency.

Mechanical strain increases protein tyrosine phosphorylation in airway smooth muscle cells.

Redox regulation of signal transduction in smooth muscle cells: distinct effects of PKC-down regulation and PKC inhibitors on oxidant induced MAP kinase.

[Assay for oxidative stress injury by detection of luminol-enhanced chemiluminescence in a freshly obtained blood sample: a study to follow the time course of oxidative injury].

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin to several ecological receptor groups: a short review.

Effects of some thiol chelators on enzymatic activities in blood, liver and kidneys of acute arsenic (III) exposed mice.

Hepatoprotective effect of Fe-TPEN on carbon tetrachloride induced liver injury in rats.

Induction of oxidative stress in brain tissues of mice after subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Induction and localization of cytochrome P450 1B1 (CYP1B1) protein in the livers of TCDD-treated rats: detection using polyclonal antibodies raised to histidine-tagged fusion proteins produced and purified from bacteria.

Accumulation of iron by primary rat hepatocytes in long-term culture: changes in nuclear shape mediated by non-transferrin-bound forms of iron.

Risk assessment of low-level chemical exposures from consumer products under the U.S. Consumer Product Safety Commission chronic hazard guidelines.

Cell-specific differences in the susceptibility of potential cellular targets of human origin derived from blood and lung following treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Ets-1 is an early response gene activated by ET-1 and PDGF-BB in vascular smooth muscle cells.

Comparison of liver progenitor cells in human atypical ductular reactions with those seen in experimental models of liver injury.

Toxicity of linoleic acid hydroperoxide to *Saccharomyces cerevisiae*: involvement of a respiration-related process for maximal sensitivity and adaptive response.

Na⁺-dependent and phlorizin-inhibitable transport of glucose and cycasin in brain endothelial cells.

Metabolic Study of Isoproturon in Goats Following a Single Oral Administration: Toxicokinetics and Recovery.

Mixed effects of 2,6-dithiopurine against cyclophosphamide mediated bladder and lung toxicity in mice.

Modulating effects of thyroid state on the induction of biotransformation enzymes by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Comparative toxicology of borates.

In vitro percutaneous absorption of boron as boric acid, borax, and disodium octaborate tetrahydrate in human skin: a summary.

Use of c-Src and c-Fos knockout mice for the studies on the role of c-Src kinase signaling in the expression of toxicity of TCDD.

Use of competitive dead-end inhibitors to determine the chemical mechanism of action of yeast alcohol dehydrogenase.

Correlation of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced apoptotic cell death in the embryonic vasculature with embryotoxicity.

Metabolic inhibition impairs ATP-sensitive K⁺ channel block by sulfonylurea in pancreatic beta-cells.

Mortality of power workers exposed to phenoxy herbicides and polychlorinated biphenyls in waste transformer oil.

p53 protein expression in peripheral lymphocytes from atrazine chronically intoxicated rats.

Respiratory symptoms, spirometry and chronic occupational paraquat exposure.

Chemically reactive intermediates and pulmonary xenobiotic toxicity.

Haemoperfusion treatment in pigs experimentally intoxicated by paraquat.

A review of epidemiologic studies of triazine herbicides and cancer.

Single-dose and chronic dietary neurotoxicity screening studies on 2,4-dichlorophenoxyacetic acid in rats.

Triazine herbicide exposure and breast cancer incidence: an ecologic study of Kentucky counties.

Unintentional fatal paraquat poisonings among agricultural workers in Costa Rica: report of 15 cases.

Evaluation of the mutagenicity of acetochlor to male rat germ cells.

[Survival after accidental poisoning with a triple lethal dose of paraquat (Gramoxon)].

Herbicide-induced experimental variegated porphyria in mice: tissue porphyrinogen accumulation and response to porphyrogenic drugs.

Laryngeal survey in glyphosate intoxication: a pathophysiological investigation.

Sensitivity of macrophyte-dominated freshwater microcosms to chronic levels of the herbicide linuron. II. Community metabolism and invertebrates.

Sensitivity of macrophyte-dominated freshwater microcosms to chronic levels of the herbicide linuron. I. Primary producers.

The cytotoxic effect of paraquat to isolated renal proximal tubular segments from rabbits.

Effects of 2,4-dichlorophenoxyacetic acid on central nervous system of developmental rats. Associated changes in ganglioside pattern.

Successful single-lung transplantation after paraquat intoxication.

Reproductive efficiency in mink (*Mustela vison*) treated with the pesticides lindane, carbofuran and pentachlorophenol.

A case of paraquat poisoning and subsequent fatality presenting to an emergency department.

Nitric oxide- and superoxide-mediated toxicity in cerebral endothelial cells.

Re: "Exposure to polychlorinated dioxins and furans (PCDD/F) and mortality in a cohort of workers from a herbicide-producing plant in Hamburg, Federal, Republic of Germany".

Acute and chronic toxicity of the herbicide Stam M-4 in field and laboratory exposures.

A case-control study of lung cancer among Vietnam veterans.

Cardiovascular effects of a herbicide containing glufosinate and a surfactant: in vitro and in vivo analyses in rats.

Acrolein-induced cell death in human alveolar macrophages.

Effect of roundup and tordon 202C herbicides on antibody production in mice.

Age-associated increase in ferritin content of male rat liver: implication for diquat-mediated oxidative injury.

Mitochondria-mediated cell injury. Symposium overview.

Cancer mortality in workers exposed to phenoxy herbicides, chlorophenols, and dioxins. An expanded and updated international cohort study.

Propanil poisoning.

Arsenate suppression of human keratinocyte programming.

The oral and intratracheal toxicities of ROUNDUP and its components to rats.

Pesticides and cancer.

"Golf ball liver": agent orange hepatitis.

Meta-analyses of prostate cancer and farming.

DNA-protein cross-links produced by various chemicals in cultured human lymphoma cells.

Reproductive and developmental effects of occupational pesticide exposure: the epidemiologic evidence.

A fatal case of drinking and cyanamide intake.

Detection of drugs and poisons in postmortem tissues--determination of paraquat in tissues of rabbits buried underground.

Striking the balance between the role of animal model and human data in hazard assessment.

Acute toxicity, accumulation, and excretion of benthocarb and its degradation products in killifish.

4-Chloro-2-methylphenoxyacetic acid containing compounds. Genotoxicity evaluation by Mutatox assay and comparison with acute (Microtox) and Embryo (FETAX) toxicities.

Homicidal poisoning by paraquat.

In vitro cytotoxic effects of 4,4'-bipyridyl on normal human keratinocytes.

Effects of a diphenyl-ether herbicide, oxyfluorfen, on human BFU-E/CFU-E development and haemoglobin synthesis.

Neurotoxicity of paraquat and triphenyltin in the earthworm, *Eisenia fetida* Sav. A histo- and cytopathological study.

[Ultrastructural changes in the wall and microcirculatory bed of the small intestinal villi of rats exposed to organochlorine toxicant].

Analyses of exposure to polychlorinated dibenzo-p-dioxins, furans, and hexachlorocyclohexane and different health outcomes in a cohort of former herbicide-producing workers in Hamburg, Germany.

Acute poisonings with dipyridil herbicides.

Severe polyneuropathy in a 3-year-old child after dichlorophenoxyacetic herbicide--chwastox intoxication, treated successfully with plasmapheresis (PF).

Inhibition of intracellular Ca²⁺ signalling, cytotoxicity and antitumor activity of the herbicide oryzalin and its analogues.

[Ultrastructure of the kidney in paraquat-poisoned rats. Comparative study with literature data on man and animal].

[Case-control study of hemo-lymphopietic neoplasms and exposure to pesticides in western Liguria].

[Retrospective study of morbidity in a group professionally exposed to chlorotriazine herbicides].

[The effect of the dioxin-containing herbicide 2,4-D on the hormonal status of experimental animals].

Penetration of pesticides in the human reproductive system. Presentation of case reports.

Inhibitory effect of nicotinamide to paraquat toxicity and the reaction site on complex I.

[Nephropathy induced by non-drug chemical agents].

Drug eruption induced by cyanamide (carbimide): a clinical and histopathologic study of 7 patients.

[Late pseudo-appendicular syndrome after Roundup poisoning].

Do reactive oxygen species underlie the mechanism of apoptosis in the tadpole tail?

Paraquat-induced formation of leukotriene B4 in rat lungs: modulation by N-acetylcysteine.

Lipid peroxidation and histopathological changes in the digestive gland of a freshwater snail *Planorbium corneum* L. (Gastropoda, Pulmonata) exposed to chronic and sub-chronic concentrations of PCP.

Comparison of catalase in diploid and haploid *Rana rugosa* using heat and chemical inactivation techniques.

Metabolism of arsenic after acute occupational arsine intoxication.

Performance characteristics of combined haemodialysis/haemoperfusion system for removal of blood toxins.

Liver cell cytoplasmic inclusions in experimental porphyrias: their demonstration with the ferric ferricyanide reduction reaction.

Influence of dietary selenium on the disposition of arsenate in the female B6C3F1 mouse.

Environmental risk factors and Parkinson's disease: a case-control study in Taiwan.

Acceleration of hypertensive cerebral injury by the inhibition of xanthine-xanthine oxidase system in stroke-prone spontaneously hypertensive rats.

Unique expression of HRF20 (CD59) in human nervous tissue.

Selective and transient in vitro effects of heat shock on alveolar type II cell gene expression.

Butylated hydroxyanisole and its metabolite tert-butylhydroquinone differentially regulate mitogen-activated protein kinases. The role of oxidative stress in the activation of mitogen-activated protein kinases by phenolic antioxidants.

[Effect of activity of semicarbazide-sensitive aminooxidases and cellular glutathione on the cytotoxic effect of allylamine, acrolein, and formaldehyde in human cultured endothelial cells].

The massugu1 mutation of *Arabidopsis* identified with failure of auxin-induced growth curvature of hypocotyl confers auxin insensitivity to hypocotyl and leaf.

Reactive oxygen species generated by cyanide mediate toxicity in rat pheochromocytoma cells.

Role of fibronectin and sulfated proteoglycans in endothelial cell migration on a cultured smooth muscle layer.

Superoxide-mediated cytotoxicity in superoxide dismutase-deficient fetal fibroblasts.

[Study of magnetic microspheres for purging cancer cells from bone marrow. II. Preparation of polystyrene magnetic microspheres.].

Prion protein-deficient cells show altered response to oxidative stress due to decreased SOD-1 activity.

Hydrogen peroxide-induced impairment of reactivity in rat isolated aorta: potentiation by 3-amino-1,2,4-triazole.

Cigarette smoke induces interleukin-8 release from human bronchial epithelial cells.

Effect of isoproturon on male reproductive system: clinical, histological and histoenzonological studies in rats.

Hydrogen peroxide (H₂O₂) increases the steady-state mRNA levels of collagenase/MMP-1 in human dermal fibroblasts.

Sustained increase in intracellular free calcium and activation of cyclooxygenase-2 expression in mouse hepatoma cells treated with dioxin.

Signal transduction-mediated activation of the aryl hydrocarbon receptor in rat hepatoma H4IIE cells.

Failure of monochloroacetic acid and trichloroacetic acid administered in the drinking water to produce liver cancer in male F344/N rats.

Entacapone, a novel catechol-O-methyltransferase inhibitor for Parkinson's disease, does not impair mitochondrial energy production.

Beta-estradiol protects hippocampal CA1 neurons against transient forebrain ischemia in gerbil.

Iron pre-load for major joint replacement.

Carcinogens stimulate intrachromosomal homologous recombination at an endogenous locus in human diploid fibroblasts.

From discovery to eradication of schistosomiasis in Japan: 1847-1996.

Abrogation of IL-3 requirements and stimulation of hematopoietic cell proliferation in vitro and in vivo by carboxylic acids.

Immunization with alum-collagen II complex suppresses the development of collagen-induced arthritis in rats by deviating the immune response.

Induction of p53 protein expression by sodium arsenite.

Evidence that singlet oxygen-induced human T helper cell apoptosis is the basic mechanism of ultraviolet-A radiation phototherapy.

Sodium arsenite disturbs mitosis and induces chromosome loss in human fibroblasts.

[Epidemiological and clinical findings in congenital heart diseases during the neonatal period. Report on personal cases].

Changes in collagen phenotypes during progression and regression of cardiac hypertrophy.

Newborn infants diagnosed as neurologically abnormal with relation to PCB and dioxin exposure and their thyroid-hormone status.

Effect of advanced glycation end product-modified albumin on tissue factor expression by monocytes. Role of oxidant stress and protein tyrosine kinase activation.

Thiol modulation inhibits the interleukin (IL)-1-mediated activation of an IL-1 receptor-associated protein kinase and NF-kappa B.

Activation induces apoptosis in Herpesvirus saimiri-transformed T cells independent of CD95 (Fas, APO-1).

Mortality study of pesticide applicators and other employees of a lawn care service company.

Pancreatic carcinomas deposit laminin-5, preferably adhere to laminin-5, and migrate on the newly deposited basement membrane.

Promotion of enzyme altered foci in female rat 2,3,3',4,4',5-hexachlorobiphenyl.

Immune dysfunction in uremia.

Dioxin exposure and cancer risk: a 15-year mortality study after the "Seveso accident".

Mutational evidence for control of cell adhesion through integrin diffusion/clustering, independent of ligand binding.

The role of NAD(P)H:quinone oxidoreductase in quinone-mediated p21 induction in human colon carcinoma cells.

Absorption of iron from grape-molasses and ferrous sulfate: a comparative study in normal subjects and subjects with iron deficiency anemia.

Morphologic characteristics of endometriosis in the mouse model: application to toxicology.

Production of iron-fortified bread employing some selected natural iron sources.

Aryl hydrocarbon receptor-dependent induction of cyp1a1 by bilirubin in mouse hepatoma hepa 1c1c7 cells.

Increased efficacy of in vitro Photofrin photosensitization of human oral squamous cell carcinoma by iron and ascorbate.

Defective endogenous nitric oxide-mediated modulation of cellular respiration in canine skeletal muscle after the development of heart failure.

Iron supplementation in pregnancy: is less enough? A randomized, placebo controlled trial of low dose iron supplementation with and without heme iron.

Hepatic foci in rats after diethylnitrosamine initiation and 2,3,7,8-tetrachlorodibenzo-p-dioxin promotion: evaluation of a quantitative two-cell model and of CYP 1A1/1A2 as a dosimeter.

In utero exposure to low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin alters reproductive development of female Long Evans hooded rat offspring.

Subchronic/chronic toxicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin (HpCDD) in rats. Part I. Design, general observations, hematology, and liver concentrations.

The epidemiology of soft tissue sarcoma.

A sampling and analytical method for the simultaneous determination of multiple organonitrogen pesticides in air.

FK-506 and cyclosporin A potentiate the IgE antibody production by contact sensitization with hapten in mice.

Markers of masked iron deficiency and effectiveness of EPO therapy in chronic renal failure.

Gallium nitrate optic neuropathy.

Haemophilus somnus immunoglobulin binding proteins and surface fibrils.

Iron bioavailability in soybean meal as affected by supplemental phytase and 1 alpha-hydroxycholecalciferol.

Acute iron intoxication: significant differences between sexes.

Reduced stress defense in heme oxygenase 1-deficient cells.

Association of arsenic-induced malignant transformation with DNA hypomethylation and aberrant gene expression.

Randomised placebo-controlled trial of iron supplementation and malaria chemoprophylaxis for prevention of severe anaemia and malaria in Tanzanian infants.

2,3,7,8-Tetrachlorodibenzo-p-dioxin increases mRNA levels for interleukin-1beta, urokinase plasminogen activator, and tumor necrosis factor-alpha in human uterine endometrial adenocarcinoma RL95-2 cells.

Myocardial stiffness is attributed to alterations in cross-linked collagen rather than total collagen or phenotypes in spontaneously hypertensive rats.

Mitochondrial damage: a possible mechanism of the "topical" phase of NSAID induced injury to the rat intestine.

[Acute myeloblastic leukemia showing pronounced skin infiltration during administration of low-dose cytarabine and etoposide with granulocyte colony-stimulating factor].

Thyroid hormones in the pathogenesis of lung hypoplasia and immaturity induced in fetal rats by prenatal exposure to nitrofen.

4-Chloro-m-cresol test--a possible supplementary test for diagnosis of malignant hyperthermia susceptibility.

Catalase mediates acetaldehyde formation from ethanol in fetal and neonatal rat brain.

Induction of apoptosis in megakaryocytic leukemia cell lines by MX2, a morpholino anthracycline.

Mitochondrial toxins in models of neurodegenerative diseases. I: In vivo brain hydroxyl radical production during systemic MPTP treatment or following microdialysis infusion of methylpyridinium or azide ions.

Determination of the p-monochlorophenol residue in the calcium hydroxide + P-monochlorophenol combination used as an intracanal dressing in pulpless teeth of dogs with induced chronic periapical lesion.

Estrogens attenuate neuronal injury due to hemoglobin, chemical hypoxia, and excitatory amino acids in murine cortical cultures.

Upregulation of acidic fibroblast growth factor during development of experimental lung fibrosis.

Effect of 2,4-dinitrophenol on the hypometabolic response to hypoxia of conscious adult rats.

Pathogenesis of nitrofen-induced congenital diaphragmatic hernia in fetal rats.

HDL causes mesangial cell mitogenesis through a tyrosine kinase-dependent receptor mechanism.

Thiamine uptake in human intestinal biopsy specimens, including observations from a patient with acute thiamine deficiency.

Mechanisms involved in Helicobacter pylori-induced interleukin-8 production by a gastric cancer cell line, MKN45.

Differential vulnerability of the CA1 and CA3 subfields of the hippocampus to superoxide and hydroxyl radicals in vitro.

Orthovanadate induces cell death in rat dentate gyrus primary culture.

Mitochondrial proliferation and paradoxical membrane depolarization during terminal differentiation and apoptosis in a human colon carcinoma cell line.

Acute iron poisoning.

Promotion of endometriosis in mice by polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls.

Pneumocystis carinii cysts are susceptible to inactivation by chemical disinfectants.

Maintenance therapy with intravenous iron in hemodialysis patients receiving erythropoietin.

A novel derivatization of phenol after extraction from human serum using perfluorooctanoyl chloride for gas chromatography-mass spectrometric confirmation and quantification.

Membrane-bound protein disulfide isomerase (PDI) is involved in regulation of surface expression of thiols and drug sensitivity of B-CLL cells.

Classification of malignant hyperthermia-equivocal patients by 4-chloro-M-cresol.

Brief communication: childhood leukemia in a residential small town near Barcelona.

Remodeling after myocardial infarction in humans is not associated with interstitial fibrosis of noninfarcted myocardium.

Role of bacterial Mn-cofactored superoxide dismutase in oxidative stress responses, nasopharyngeal colonization, and sustained bacteremia caused by *Haemophilus influenzae* type b.

Antimitotic intervention with colchicine alters the outcome of o-DCB-induced hepatotoxicity in Fischer 344 rats.

Cytosolic Ca²⁺ and protein kinase Calpha couple cellular metabolism to membrane K⁺ permeability in a human biliary cell line.

Iron deficiency anemia in children: prevalence and prevention studies in Ribeirão Preto, Brazil.

[Randomized multi-center trial of the administration of erythropoietin in anemia of prematurity].

Modification of IgH PCR clonal analysis by the addition of sucrose and cresol red directly to PCR reaction mixes.

Effect of hepatic methyl donor status on urinary excretion and DNA damage in B6C3F1 mice treated with sodium arsenite.

Spontaneous and induced sister chromatid exchanges and delayed cell proliferation in peripheral lymphocytes of Bowen's disease patients and matched controls of arseniasis-hyperendemic villages in Taiwan.

Arsenic can mediate skin neoplasia by chronic stimulation of keratinocyte-derived growth factors.

How long before resistance makes it impossible to control some field strains of *Haemonchus contortus* in South Africa with any of the modern anthelmintics?

Ferrous sulfate-induced increase in requirement for thyroxine in a patient with primary hypothyroidism.

P-Cresol, a uremic compound, enhances the uptake of aluminum in hepatocytes.

Tyrosine phosphorylation in DNA damage and cell death in hypoxic injury to LLC-PK1 cells.

Mortality among Army Chemical Corps Vietnam veterans.

Beta 2-integrin-mediated signal up-regulates counterreceptor ICAM-1 expression on human monocytic cell line THP-1 through tyrosine phosphorylation.

Altered in vivo toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C-SRC deficient mice.

Regulation of dioxin receptor function by omeprazole.

Effects of iron salts in sucrose on dental caries and plaque in rats.

Hyporesponsiveness of inflamed human gingival fibroblasts from patients with chronic periodontal diseases against cell surface components of *Porphyromonas gingivalis*.

Correction of iron deficiency with an iron-fortified fluid whole cow's milk in children: results of a pilot study.

The use of monoclonal antibody for the immunodiagnosis of *Fasciola gigantica* infection in cattle.

Some peculiarities of hepatobiliary diseases in Vietnam.

[Studies on mechanism of wasting syndrome in TCDD-intoxicated rats].

Helicobacter pylori stimulates granulocyte-macrophage colony-stimulating factor (GM-CSF) production from cultured antral biopsies and a human gastric epithelial cell line.

CD40-triggered protein tyrosine phosphorylation on Vav and on phosphatidylinositol 3-kinase correlates with survival of the Ramos-Burkitt lymphoma B cell line.

Induction of human endothelial cell apoptosis requires both heat shock and oxidative stress responses.

Evaluation of bleached kraft mill process water using Microtox(R), *Ceriodaphnia dubia*, and *Menidia beryllina* toxicity tests.

Cell adhesion molecules and insulin-like growth factor-1 in vascular disease.

Altered intracellular distribution of daunorubicin in immature acute myeloid leukemia cells.

Mitochondrial dysfunction in neurodegeneration.

Skin reactions to pesticides.

The aquatic vertebrate embryo as a sentinel for toxins: zebrafish embryo dechoriation and perivitelline space microinjection.

Mechanisms, proof, and unmet needs: the perspective of a cancer activist.

Environmental effects and aquatic organisms: investigations of molecular mechanisms of carcinogenesis.

Co-metabolism of ethanol, ethanol-derived acetaldehyde, and 4-hydroxynonenal in isolated rat hepatocytes.

Effectiveness of iron therapy on breath-holding spells.

Establishment of a novel human acute myeloblastic leukemia cell line (YNH-1) with t(16;21), t(1;16) and 12q13 translocations.

Cancer mortality among rice growers in Novara Province, northern Italy.

Sodium azide induces mitotic recombination in *Drosophila melanogaster* larvae.

Involvement of altered B7 expression in dioxin immunotoxicity: B7 transfection restores the CTL but not the autoantibody response to the P815 mastocytoma.

[Determination of bromide ion by HS-GC with a flame ionization detector and an electron-capture detector].

Pulmonary expression of vascular endothelial growth factor and myosin isoforms in rats with congenital diaphragmatic hernia.

Hydroxyl radical scavenging effect of nicaraven in myocardial and coronary endothelial preservation and reperfusion injury.

Role of iron in ischemia-reperfusion oxidative injury of rat lungs.

Immunological characterization of epitopes on tau of Alzheimer's type and chemically modified tau.

AML1a but not AML1b inhibits erythroid differentiation induced by sodium butyrate and enhances the megakaryocytic differentiation of K562 leukemia cells.

The Canadian Study of Health and Aging: risk factors for vascular dementia.

Free radicals and the ischemia-evoked extracellular accumulation of amino acids in rat cerebral cortex.

Functional characterization of a distinct ryanodine receptor mutation in human malignant hyperthermia-susceptible muscle.

Modulation of macrophage function for defence of the lung against *Pseudomonas aeruginosa*.

Nitrofen dose-dependent gestational day-specific murine lung hypoplasia and left-sided diaphragmatic hernia.

The role of oxygen free radicals in occupational and environmental lung diseases.

Localization of hydrogen peroxide accumulation during the hypersensitive reaction of lettuce cells to *Pseudomonas syringae* pv *phaseolicola*.

[Complete remission achieved by L-asparaginase, vincristine and prednisolone (LVP) therapy in secondary leukemia (M5a type) with an MLL gene rearrangement].

Tyrosine kinase signaling regulates Wiskott-Aldrich syndrome protein function, which is essential for megakaryocyte differentiation.

Oxygen- and dioxin-regulated gene expression in mouse hepatoma cells.

Agricultural and horticultural chemical poisonings: mortality and morbidity in the United States.

Cytokines (IL-1beta and TNFalpha) in relation to biochemical and immunological effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats.

Selected other effects and TEFs.

BASF studies: epidemiological and clinical investigations on dioxin-exposed chemical workers.

Pesticides poisonings in clinical and medicolegal aspect.

Acute work-related poisoning by pesticides in The Netherlands; a one year follow-up study.

[Assessment of neurotoxic effects of methyl bromide in exposed workers].

More sensitive immune complex transfer enzyme immunoassay for antibody IgG to p17 of HIV-1 with shorter incubation time for immunoreactions and larger volumes of serum samples.

Structure-activity relationships of potentially neurotoxic PCB congeners in the rat.

Dioxins and the Ah receptor: probes to uncover processes in neuroendocrine development.

Impaired cellular immune response in rats exposed perinatally to Baltic Sea herring oil or 2,3,7,8-TCDD.

Identification of microtubule-associated protein tau isoforms in Alzheimer's paired helical filaments.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and congeners in infants. A toxicokinetic model of human lifetime body burden by TCDD with special emphasis on its uptake by nutrition.

Effect of subchronic 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on immune system and target gene responses in mice: calculation of benchmark doses for CYP1A1 and CYP1A2 related enzyme activities.

(G586V) substitutions in the alpha 1 and alpha 2 chains of collagen I: effect of alpha-chain stoichiometry on the phenotype of osteogenesis imperfecta?

Enzymatic methylation of arsenic species and other new approaches to arsenic toxicity.

Effect of source of iron on duodenal absorption of iron, calcium, phosphorous, magnesium, copper and zinc in rats with ferropeenic anaemia.

Rheology of rat basophilic leukemia cells.

Altered profile of urinary arsenic metabolites in adults with chronic arsenicism. A pilot study.

Continuous exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin inhibits the growth of surgically induced endometriosis in the ovariectomized mouse treated with high dose estradiol.

[Chronic diarrhea following ingestion of Tardyferon associated with lymphocytic colitis].

Mortality and cancer incidence among sawmill workers exposed to chlorophenate wood preservatives.

Central and peripheral neurotoxic effects of chronic methyl bromide intoxication.

Mechanism of thiazopyr-induced effects on thyroid hormone homeostasis in male Sprague-Dawley rats.

A novel energy dependent mechanism reducing daunorubicin accumulation in acute myeloid leukemia.

Zinc supplementation reduced morbidity, but neither zinc nor iron supplementation affected growth or body composition of Mexican preschoolers.

Oxidative and chemical stress mimic insulin by selectively inhibiting the expression of phosphoenolpyruvate carboxykinase in hepatoma cells.

Modulation of TCDD-induced fetotoxicity and oxidative stress in embryonic and placental tissues of C57BL/6J mice by vitamin E succinate and ellagic acid.

Protective effects of Propolis extract on allyl alcohol-induced liver injury in mice.

Age-related susceptibility to hepatotoxicants.

Is exposure to bacterial endotoxin a determinant of susceptibility to intoxication from xenobiotic agents?

Dose-response relationships for polyhalogenated dioxins and dibenzofurans following subchronic treatment in mice. I. CYP1A1 and CYP1A2 enzyme activity in liver, lung, and skin.

Heat shock induces κ B-alpha and prevents stress-induced endothelial cell apoptosis.

Odorant threshold following methyl bromide-induced lesions of the olfactory epithelium.

Differential effect of hydrogen peroxide and superoxide anion on apoptosis and proliferation of vascular smooth muscle cells.

Backbone structure and dynamics of a hemolymph protein from the mealworm beetle *Tenebrio molitor*.

Study of regulation of mitochondrial respiration in vivo. An analysis of influence of ADP diffusion and possible role of cytoskeleton.

Factors affecting spermatogenesis in the stallion.

Comparison of hexachlorocyclohexane-induced oxidative stress in the testis of immature and adult rats.

Dioxin and dioxin-like compounds in soil, Part I: ATSDR interim policy guideline. Agency for Toxic Substances and Disease Registry.

Acceleration of unisite catalysis of mitochondrial F1-adenosinetriphosphatase by ATP, ADP and pyrophosphate--hydrolysis and release of the previously bound [γ - 32 P]ATP.

Aging and oxygen toxicity: Relation to changes in melatonin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced activation of a protein tyrosine kinase, pp60src, in murine hepatic cytosol using a cell-free system.

Subchronic/chronic toxicity of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin (HpCDD) in rats. Part II. Biochemical effects.

4-Hydroxynonenal, an aldehydic product of membrane lipid peroxidation, impairs glutamate transport and mitochondrial function in synaptosomes.

Tyrosine phosphorylation modulates current amplitude and kinetics of a neuronal voltage-gated potassium channel.

Pattern analysis of the variation in the sensitivity of aquatic species to toxicants.

Impairment of respiration and oxidative phosphorylation by redox cyclers 2-nitrofluorene and menadione.

c-Src is required for oxidative stress-mediated activation of big mitogen-activated protein kinase 1.

Growing pains in South America.

Involvement of the dorsal paratrigebral nucleus in visceral pain-related phenomena.

Immunochemical, ³²P-postlabeling, and GC/MS detection of 4-aminobiphenyl-DNA adducts in human peripheral lung in relation to metabolic activation pathways involving pulmonary N-oxidation, conjugation, and peroxidation.

Endothelial cell apoptosis is accelerated by inorganic iron and heat via an oxygen radical dependent mechanism.

A physiologically based pharmacokinetic (PB-PK) model for 1,2-dichlorobenzene linked to two possible parameters of toxicity.

Inhibition of protein kinase C prevents asbestos-induced c-fos and c-jun proto-oncogene expression in mesothelial cells.

Neurotoxicity of the 22 kDa thrombin-cleavage fragment of apolipoprotein E and related synthetic peptides is receptor-mediated.

Reactive oxygen species generation by human spermatozoa is induced by exogenous NADPH and inhibited by the flavoprotein inhibitors diphenylene iodonium and quinacrine.

Cellular response to the redox active lipid peroxidation products: induction of glutathione S-transferase P by 4-hydroxy-2-nonenal.

Aryl hydrocarbon receptor knockout mice (AHR^{-/-}) exhibit liver retinoid accumulation and reduced retinoic acid metabolism.

Effects of Herbicides on Sclerotinia Crown and Stem Rot of Alfalfa.

Cytotoxic effects of 2,6-di-tert-butyl-4-methylphenyl N-methylcarbamate (terbutol) herbicide on hepatocytes and mitochondria isolated from male rats.

[Oxidative phosphorylation in liver mitochondria under extremely high frequency electromagnetic radiation in vitro].

Apoptotic cell death of erythrocytes in *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Undersulfation of proteoglycan sulfate stimulates the expression of basic fibroblast growth factor and protein synthesis but suppresses replication of coronary smooth muscle cells.

Differential effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin, bis(tri-n-butyltin) oxide and cyclosporine on thymus histophysiology.

SEB is cytotoxic and alters EC barrier function through protein tyrosine phosphorylation in vitro.

Expression of liver functions following sub-lethal and non-lethal doses of allyl alcohol and acetaminophen in the rat.

Synaptic physiology and mitochondrial function in crayfish tonic and phasic motor neurons.

Aniline and its metabolites generate free radicals in yeast.

Induction of heat shock proteins by tyrosine kinase inhibitors in rat cardiomyocytes and myogenic cells confers protection against simulated ischemia.

Impairment of the chemical defence of the beetle, *Tenebrio molitor*, by metacestodes (cysticeroids) of the tapeworm, *Hymenolepis diminuta*.

Mitochondrial function is required for resistance to oxidative stress in the yeast *Saccharomyces cerevisiae*.

First Report of Leaf Scald Disease and Ratoon Stunting Disease of Sugarcane in French Guyana.

Sources of Inoculum and Management for *Rhizoctonia solani* Damping-off on Tobacco Transplants under Greenhouse Conditions.

Endothelial cells protect vascular smooth muscle cells from H₂O₂ attack.

Enzymatic methylation of arsenic compounds: IV. In vitro and in vivo deficiency of the methylation of arsenite and monomethylarsonic acid in the guinea pig.

Mobilization of iron from neoplastic cells by some iron chelators is an energy-dependent process.

Protein tyrosine kinase inhibitors synergize with nerve growth factor in embryonic chick sensory neuronal cell survival.

Injury-induced enzymatic methylation of aging collagen in the extracellular matrix of blood vessels.

Bacterial endotoxin enhances the hepatotoxicity of allyl alcohol.

Reassessment of the carcinogenicity of polychlorinated biphenyls (PCBs).

Oxidative stress mediates impairment of muscle function in transgenic mice with elevated level of wild-type Cu/Zn superoxide dismutase.

Can skin cancer in humans be prevented by alleviation of oxidative stress?

Considerations on genetic and environmental factors that contribute to resistance or sensitivity of mammals including humans to toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and related compounds. Part 1: Genetic factors affecting the toxicity of TCDD.

Involvement of cytochrome P4502E1 in the toxicity of dichloropropanol to rat hepatocyte cultures.

Impairment of antigen-specific antibody production in transgenic mice expressing a dominant-negative form of gp130.

Neuroprotective action of cycloheximide involves induction of bcl-2 and antioxidant pathways.

Environmental xenobiotics may disrupt normal endocrine function by interfering with the binding of physiological ligands to steroid receptors and binding proteins.

Effects of cyclophosphamide and ifosfamide on neuroblastoma cells before and after activation by microsomes.

Reassessment of PCDD/DFs and Co-PCBs toxicity in contaminated rice-bran oil responsible for the disease "Yu-Cheng".

Murine hepatic p53, RB, and CDK inhibitory protein expression following acute 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure.

Lipid extraction from blood and biological samples and concentrations of dioxin-like compounds.

Thrombin stimulates production of transforming growth factor-beta by cultured human mesangial cells.

Time course for the modulation of hepatic cytochrome P450 after administration of ethylbenzene and its correlation with toluene metabolism.

Activation of the aryl hydrocarbon receptor/transcription factor and bone marrow stromal cell-dependent preB cell apoptosis.

Antioxidant defenses of cultured colonic epithelial cells against reactive oxygen metabolites.

Plant regeneration from callus cultures of *Lithospermum erythrorhizon*.

Redox stress and hepatic DNA fragmentation induced by diquat in vivo are not accompanied by increased 8-hydroxydeoxyguanosine contents.

Effects of acute and chronic arsenic exposure of human-derived keratinocytes in an In Vitro human skin equivalent system: a novel model of human arsenicism.

Aldehyde reductase induction: a novel response to oxidative stress of smooth muscle cells.

Death following intentional methyl bromide poisoning: toxicological data and literature review.

Apoptosis induced by glufosinate ammonium in the neuroepithelium of developing mouse embryos in culture.

Regulation by insulin of a unique neuronal Ca²⁺ pool and of neuropeptide secretion.

Effects of arsenite pretreatment on the acute toxicity of parathion.

[Environmental pollutants with hormonal effects. Is estrogen theory a good model?].

Polymerase chain reaction-based cloning of alkyl-dihydroxyacetonephosphate synthase complementary DNA from guinea pig liver.

Site-directed mutations at residue 251 of the photosystem II D1 protein of *Chlamydomonas* that result in a nonphotosynthetic phenotype and impair D1 synthesis and accumulation.

Characterization of hepatic metallothionein expression in channel catfish (*Ictalurus punctatus*) by reverse transcriptase polymerase chain reaction.

Endocrine disrupters in the aquatic environment.

Giant Mitochondria as Possible Bioindicators of Environmental Injuries in Fish Liver.

Immunotoxic effects of TCDD and toxic equivalency factors.

Review and update of the results of the NIOSH medical study of workers exposed to chemicals contaminated with 2,3,7,8-tetrachlorodibenzodioxin.

[Modulation of respiratory activity of renal macrophages in sea bass (*Dicentrarchus labrax*) by chronic exposure to sublethal concentration of ammonia].

Developmental neurotoxicity of environmental agents in the neonate.

Electron microscopic identification of putative liver stem cells and intermediate hepatocytes following periportal necrosis induced in rats by allyl alcohol.

Flow cytometric measurements of neuronal death triggered by PCBs.

N-acetyl-S-(dichlorophenyl)cysteines as suitable biomarkers for the monitoring of occupational exposure to 1,2-dichlorobenzene.

A comparison of the acute neuroactive effects of dichloromethane, 1,3-dichloropropane, and 1,2-dichlorobenzene on rat flash evoked potentials (FEPs).

Occupational chronic exposure to organic solvents. XVI. Ambient and biological monitoring of workers exposed to toluene.

Effects of sodium azide on motor activity, motor coordination, and learning.

Suspected herbicide toxicosis in a dog.

Evaluation of the genotoxicity potential (by Mutatox test) of ten pesticides found as water pollutants in Cyprus.

Allergic contact dermatitis from norflurazon (Predict).

Acute oral toxicity of the herbicide BUREX EKO in pheasants.

Alleviation of paraquat-induced lung injury by pretreatment with bifunctional liposomes containing alpha-tocopherol and glutathione.

Histological changes in rat embryonic blood cells as a possible mechanism for ventricular septal defects produced by an N-phenylimide herbicide.

Action of the herbicide butachlor on cholinesterases in the freshwater snail *Pila globosa* (Swainson).

Effect of paraquat intoxication and ambroxol treatment on hydrogen peroxide production and lipid peroxidation in selected organs of rat.

Acute non-occupational intoxications with pesticides in Romania: a comparative study from 1988 to 1993.

Subchronic, developmental, and genetic toxicology studies with the ethane sulfonate metabolite of alachlor.

Chronic dietary toxicity/oncogenicity studies on 2,4-dichlorophenoxyacetic acid in rodents.

Comparative subchronic studies on 2,4-dichlorophenoxyacetic acid, amine, and ester in rats.

Acute, subchronic and chronic 2,4-dichlorophenoxyacetic acid (2,4-D) intoxication in rats.

Cellular target of cyclophosphamide toxicity in the murine liver: role of glutathione and site of metabolic activation.

An in vitro model for toxicological investigations of environmental neurotoxins in primary neuronal cell cultures.

Photodermatitis from plant derivatives in topical and oral medicaments.

Agent orange and the risk of gestational trophoblastic disease in Vietnam.

Experimental ureterohydronephrosis in fetal rats.

Evaluation of the potential carcinogenicity and genetic toxicity to humans of the herbicide acetochlor.

Pesticide application and increased dioxin body burden in male and female agricultural workers in China.

Cancer incidence among alachlor manufacturing workers.

Mode of action of thyroid tumor formation in the male Long-Evans rat administered high doses of alachlor.

A metalloporphyrin superoxide dismutase mimetic protects against paraquat-induced lung injury in vivo.

In vitro percutaneous absorption of model compounds glyphosate and malathion from cotton fabric into and through human skin.

Reproductive effects of paternal exposure to chlorophenate wood preservatives in the sawmill industry.

Comparative acute toxicity of two herbicides, paraquat and glyphosate, to *Daphnia magna* and *D. spinulata*.

Pulse therapy with cyclophosphamide and methylprednisolone in patients with moderate to severe paraquat poisoning: a preliminary report.

Evaluation of mortality and cancer incidence among alachlor manufacturing workers.

Effect of atrazine on ovarian function in the rat.

No changes in behaviour, nigro-striatal system neurochemistry or neuronal cell death following toxic multiple oral paraquat administration to rats.

Effects of terbuthylazine on soil fauna and decomposition processes.

[Paraquat poisoning. Description of a case].

[Multiple chemical sensitivity disorder in patients with neurotoxic illnesses].

Pulmonary dysfunction in survivors of acute paraquat poisoning.

Cancer mortality in German male workers exposed to phenoxy herbicides and dioxins.

Survival after paraquat poisoning in a HIV positive patient.

Oxidative DNA damage and cell proliferation in the livers of B6C3F1 mice exposed to pentachlorophenol in their diet.

Experience with acute paraquat poisoning in Crete.

Serum biochemical changes associated with cystic ovarian degeneration in pigs after atrazine treatment.

Genetic modification of plants: significant issues and hurdles to success.

A biological index to predict patient outcome in paraquat poisoning.

[Distribution of ventilation-perfusion ratios in paraquat-induced interstitial pneumonia in dogs].

The expressed protein in glyphosate-tolerant soybean, 5-enolpyruvylshikimate-3-phosphate synthase from *Agrobacterium* sp. strain CP4, is rapidly digested in vitro and is not toxic to acutely gavaged mice.

Overexpression of a Rrp1 transgene reduces the somatic mutation and recombination frequency induced by oxidative DNA damage in *Drosophila melanogaster*.

[Fatal paraquat poisoning].

Analysis of 1,000 consecutive cases of acute poisoning in the suburb of Tokyo leading to hospitalization.

Mortality among workers at two triazine herbicide manufacturing plants.

Changes in the nasal epithelium of rats exposed by inhalation to mixtures of formaldehyde, acetaldehyde, and acrolein.

Biochemical and histopathological effects of glyphosate on carp, *Cyprinus carpio* L.

Use of continuous renal replacement therapy for detoxification?

Origins of coronary artery ectasia.

[The use of the amitriptyline analog amizol in depressions].

Developmental and dysmorphic effects of glufosinate ammonium on mouse embryos in culture.

Analysis of structure-toxicity relationships for a series of amide herbicides using statistical methods and neural network.

Biochemical and genetic interactions of two commercial pesticides with the monooxygenase system and chlorophyllin.

The effect of a herbicide--sodium salt of 2,4-dichlorophenoxyacetic acid on guerin carcinoma.

Dimethylarsinic acid causes apoptosis in HL-60 cells via interaction with glutathione.

Comparative subchronic and chronic dietary toxicity studies on 2,4-dichlorophenoxyacetic acid, amine, and ester in the dog.

Characterization of olfactory deficits in the rat following administration of 2,6-dichlorobenzonitrile (dichlobenil), 3,3'-iminodipropionitrile, or methimazole.

Effects of paraquat on mitochondrial electron transport system and catecholamine contents in rat brain.

Effect of dietary paraquat on a rat mutant unable to synthesize ascorbic acid.

Inhibition of NADH oxidation by 1-methyl-4-phenylpyridinium analogs as the basis for the prediction of the inhibitory potency of novel compounds.

Herbicide: fatal ammonium thiocyanate and aminotriazole poisoning.

[Evaluation of toxicity and protective effects of initiators and inhibitors of free radical reactions in a model of wild strains of *Escherichia coli* as well as those deficient in superoxide dismutase].

[Prognostication in chronic pesticide poisoning in agricultural workers: state of lipid metabolism].

The somatic white-ivory eye spot test does not detect the same spectrum of genotoxic events as the wing somatic mutation and recombination test in *Drosophila melanogaster*.

Biotransformation of acrolein in rat: excretion of mercapturic acids after inhalation and intraperitoneal injection.

An interlaboratory evaluation of the Buehler test for the identification and classification of skin sensitizers.

In vivo and in vitro analysis of *Bordetella pertussis* catalase and Fe-superoxide dismutase mutants.

Mortality in a cohort of pentachlorophenol manufacturing workers, 1940-1989.

Accumulation of arsenic species in serum of patients with chronic renal disease.

Increased expression of neuronal nitric oxide synthase in bladder afferent pathways following chronic bladder irritation.

Possible environmental, occupational, and other etiologic factors for Parkinson's disease: a case-control study in Germany.

Effect of 3-aminotriazole on hyperthermia-mediated cardioprotection in rabbits.

Increased activity and sensitivity of mitochondrial respiratory enzymes to tumor necrosis factor alpha-mediated inhibition is associated with increased cytotoxicity in drug-resistant leukemic cell lines.

Cancer incidence in the rural community of Tecumseh, Michigan: a pattern of increased lymphopoietic neoplasms.

Oxidative stress response in an anaerobe, *Bacteroides fragilis*: a role for catalase in protection against hydrogen peroxide.

A maternal requirement for glutamine synthetase I for the mitotic cycles of syncytial *Drosophila* embryos.

Interruption of the *gpxA* gene increases the sensitivity of *Neisseria meningitidis* to paraquat.

Role of manganese superoxide dismutase in a mucoid isolate of *Pseudomonas aeruginosa*: adaptation to oxidative stress.

Assessment of the role of the glutathione and pentose phosphate pathways in the protection of primary cerebrocortical cultures from oxidative stress.

The effects of chronic sidestream cigarette smoke exposure on eicosanoid production by tracheal epithelium.

Philip Morris cigarettes recall, May 1995-March 1996. From the Centers for Disease Control and Prevention.

Assessment of the biochemical effects of percutaneous exposure of sulphur mustard in an in vitro human skin system.

Influence of age on the passage of paraquat through the blood-brain barrier in rats: a distribution and pathological examination.

Failure of chloro-S-triazine-derived compounds to induce estrogen receptor-mediated responses in vivo and in vitro.

Hydrogen peroxide in relation to proliferation and apoptosis in BHK-21 hamster fibroblasts.

Requirement for superoxide in excitotoxic cell death.

[Toxicologic risk assessment and prevention: rational and irrational approaches].

Different pathways in irritant contact eczema? Early differences in the epidermal elemental content and expression of cytokines after application of 2 different irritants.

Emergency response to environmental toxic incidents: the role of the occupational physician.

Effects of the stress response in septic rats and LPS-stimulated alveolar macrophages: evidence for TNF-alpha posttranslational regulation.

Enforced expression of Bcl-XS induces differentiation and sensitizes chronic myelogenous leukemia-blast crisis K562 cells to 1-beta-D-arabinofuranosylcytosine-mediated differentiation and apoptosis.

Methyl iodide poisoning: report of two cases.

Retinoic acid affects the expression rate of the differentiation-related genes aryl hydrocarbon receptor, ARNT and keratin 4 in proliferative keratinocytes only.

The beneficial effect of taurine on the prevention of human endothelial cell death.

Embryology of congenital diaphragmatic hernia.

Effects induced by feeding organochlorine-contaminated carp from Saginaw Bay, Lake Huron, to laying White Leghorn hens. II. Embryotoxic and teratogenic effects.

Bronchial necrosis induced by inhalation of an iron tablet.

Intravenous iron sucrose complex in the treatment of iron deficiency anemia during pregnancy.

Randomised study of cognitive effects of iron supplementation in non-anaemic iron-deficient adolescent girls.

Incidence rates of leukemias, lymphomas and myelomas in Italy: geographic distribution and NHL histotypes.

Increased concentrations of octachlorodibenzo-p-dioxin in cases with breast cancer--results from a case-control study.

The heat-shock protein 70 family reduces ischemia/reperfusion injury in small intestine.

Prostaglandin production via induction of cyclooxygenase-2 by human gingival fibroblasts stimulated with lipopolysaccharides.

Asymptomatic giardiasis does not affect iron absorption in children with iron deficiency anemia.

Monoclonal antibody PHF-9 recognizes phosphorylated serine 404 of tau protein and labels paired helical filaments.

An estimate of the incidence of pesticide poisoning in Hong Kong.

Prenatal glucocorticoid therapy reverses pulmonary immaturity in congenital diaphragmatic hernia in fetal sheep.

Effects of 3,3',4,4',5-pentachlorobiphenyl (PCB 126) and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) injected into the yolks of chicken (*Gallus domesticus*) eggs prior to incubation.

Functional interference between hypoxia and dioxin signal transduction pathways: competition for recruitment of the Arnt transcription factor.

Missing effects of background dioxin exposure on development of breast-fed infants during the first half year of life.

Inhibition of TC-1 cytokine production, effector cytotoxic T lymphocyte development and alloantibody production by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Undersulfation of glycosaminoglycans reduces the proliferation of a leukemia cell line in vitro.

Acute cyanide poisoning: clinical spectrum, diagnosis, and treatment.

The effect of ethanol or hepatotoxin exposure on rat transferrin desialylation.

Evaluating the antioxidant potential of new treatments for inflammatory bowel disease using a rat model of colitis.

Prenatal hormonal therapy improves pulmonary morphology in rats with congenital diaphragmatic hernia.

Fatal accident resulting from methyl bromide poisoning after fumigation of a neighbouring house; leakage through sewage pipes.

Cause specific mortality and cancer incidence among employees exposed to 2,3,7,8-TCDD after a 1953 reactor accident.

Exposures and health effects: an evaluation of workers at a sodium azide production plant.

Chemical-activated luciferase gene expression (CALUX): a novel in vitro bioassay for Ah receptor active compounds in sediments and pore water.

Definition of a discontinuous immunodominant epitope of intestinal alkaline phosphatase, an autoantigen in acute bacterial infections.

Role of endothelium-derived nitric oxide in the modulation of canine myocardial mitochondrial respiration in vitro. Implications for the development of heart failure.

Contaminant-induced immunotoxicity in harbour seals: wildlife at risk?

[The perioperative use of recombinant erythropoietin (rhEPO) in Jehovah's witnesses].

Chemical sensitivities and the Gulf War: Department of Veterans Affairs Research Center in basic and clinical science studies of environmental hazards.

Chromium allergy in consecutive patients in a country where ferrous sulfate has been added to cement since 1981.

Epoetin alfa--focus on nutritional therapy. Case study of the anemic patient.

Farming, pesticide use and hairy-cell leukemia.

Fulminant malignant hyperthermia associated with ketoacidotic diabetic coma.

Decreased pulmonary nitric oxide synthase activity in the rat model of congenital diaphragmatic hernia.

Pesticide poisonings in the lawn care and tree service industries. A review of cases in the New York State Pesticide Poisoning Registry.

Disturbed host defense in peritoneal cavity during CAPD: characterization of responsible factors in dwell fluid.

Correlation between selected environmental exposures and karyotype in acute myelocytic leukemia.

Does iron therapy benefit children with severe malaria-associated anaemia? A clinical trial with 12 weeks supplementation of oral iron in young children from the Turiani Division, Tanzania.

Mimosine blocks cell cycle progression by chelating iron in asynchronous human breast cancer cells.

Identification of a cell-specific transcription activation domain within the human Ah receptor nuclear translocator.

Monoclonal antibody to single-stranded DNA is a specific and sensitive cellular marker of apoptosis.

Genetic analysis of oxygen defense mechanisms in *Drosophila melanogaster* and identification of a novel behavioural mutant with a Shaker phenotype.

Cytokine-induced nitric oxide synthase gene transcription is blocked by the heat shock response in human liver cells.

Active involvement of catalase during hemolytic crises of favism.

Complementation of Ah receptor deficiency in hepatoma cells: negative feedback regulation and cell cycle control by the Ah receptor.

Activation of mitogen activated protein kinase in dolichyl phosphate-induced apoptosis in U937 cells.

Inhibition of HSP70 expression by calcium ionophore A23187 in human cells. An effect independent of the acquisition of DNA-binding activity by the heat shock transcription factor.

Uncoupling of mitochondrial oxidative phosphorylation alters lipid peroxidation-derived free radical production but not recovery of postischemic rat hearts and post-hypoxic endothelial cells.

Tri-chloroacetic acid: a cause of vulvar vestibulitis.

Implication of tyrosine kinases and protein kinase C in dimethyl sulfoxide-induced apoptosis.

Diagnostic criteria for selenium toxicosis in aquatic birds: dietary exposure, tissue concentrations, and macroscopic effects.

Herbimycin A, a tyrosine kinase inhibitor, impairs hypercalcemia associated with a human squamous cancer producing interleukin-6 in nude mice.

Case control study of neuroblastoma in west-Germany after the Chernobyl accident.

[Occupational asthma in an agricultural setting].

Respiratory activity is essential for post-exponential-phase production of type 5 capsular polysaccharide by *Staphylococcus aureus*.

Simultaneous determination of phenol, cresol, xylenol isomers and naphthols in urine by capillary gas chromatography.

Activation of physiological cell death mechanisms by a necrosis-causing agent.

Target cell-induced apoptosis of interleukin-2-activated human natural killer cells: roles of cell surface molecules and intracellular events.

Lung collagen cross-links in rats with experimentally induced pulmonary fibrosis.

Clinical and radiological evaluation of zinc oxide-eugenol and Maisto's paste as obturating materials in infected primary teeth--nine months study.

[Iron supplementation in Chilean Mapuche infants of the Cautin Province, Chile].

[Powdered milk enriched with iron and ascorbic acid as an intervention measure for treating iron deficiency anemia in children seen at a Basic Health Care Unit].

In vitro effects of a flavonoid-rich extract on LDL oxidation.

Chemical exposures, medical history, and risk of squamous and basal cell carcinoma of the skin.

Studies on the mechanism of hepatotoxicity of 4-methylphenol (p-cresol): effects of deuterium labeling and ring substitution.

Decreased cerebral glucose utilization in rats during the ebb phase of thermal injury.

Evaluation of toxicity and sex-related variation of PCB levels in Mediterranean striped dolphins affected by an epizootic.

Dioxin and cancer: the never-ending story.

Dysfunction of polymorphonuclear leukocytes in uremia.

Iron deficiency and intestinal malabsorption in HIV disease.

Appropriateness of iron prescribing: a retrospective study.

Effects of gestational and lactational exposure to TCDD or coplanar PCBs on spatial learning.

Quantitative analysis of enzyme-altered liver foci in rats initiated with diethylnitrosamine and promoted with 2,3,7,8-tetrachlorodibenzo-p-dioxin or 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin.

Modeling the number and size of hepatic focal lesions following exposure to 2,3,7,8-TCDD.

Promotion of endometriosis by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats and mice: time-dose dependence and species comparison.

The aromatic hydrocarbon receptor modulates the Hepa 1c1c7 cell cycle and differentiated state independently of dioxin.

Exogenous catalase may potentiate oxidant-mediated lung injury in the female Sprague-Dawley rat.

Factors influencing the development of sigmoid colon cancer. Bacteriologic and biochemical studies.

Cells in vivo and in vitro from osteopetrotic mice homozygous for c-src disruption show suppression of synthesis of osteopontin, a multifunctional extracellular matrix protein.

Detection of toluene in an adipoceratus body.

Circulating interleukin-2 receptors are a group of multimeric proteins with immunoreactivity for interleukin-2 receptor alpha, beta, and gamma chains.

Characterization of a chemical anoxia model in cerebellar granule neurons using sodium azide: protection by nifedipine and MK-801.

The involvement of cytochrome P4502E1 in 2-bromoethanol-induced hepatocyte cytotoxicity.

Subcutaneous epoetin alfa as an adjunct to autologous blood donation before elective coronary artery bypass graft surgery.

Perisurgical use of epoetin alfa in orthopedic surgery patients.

Epoetin alfa as an adjunct to autologous blood donation in patients with a low hematocrit scheduled for elective orthopedic surgery.

Potential of epoetin alfa in patients in autologous blood donation programs for orthopedic surgery.

Iron complexation with oral deferoxamine in a swine model.

Incidence and time trends for lymphomas, leukemias and myelomas: hypothesis generation. Working Group on the Epidemiology of Hematolymphopoietic Malignancies in Italy.

Genoprotection by UDP-glucuronosyltransferases in peroxidase-dependent, reactive oxygen species-mediated micronucleus initiation by the carcinogens 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone and benzo[a]pyrene.

Microcytic anemia with iron malabsorption: an inherited disorder of iron metabolism.

Inhibition of Fc epsilon-RI-mediated activation of rat basophilic leukemia cells by Clostridium difficile toxin B (monoglucosyltransferase).

Target-induced death by apoptosis in human lymphokine-activated natural killer cells.

Enhanced arsenite-induced hepatic morphological and biochemical changes in phenobarbital-pretreated rats.

Supernumerary lumbar rib: manifestation of basic alteration in embryonic development of ribs.

Determination of furosemide in plasma and urine by gas chromatography/mass spectrometry.

Failure of prostatitis treatment secondary to probable ciprofloxacin-sucralfate drug interaction.

[Action duality of nitrogen oxide (NO) in experimental African trypanosomiasis].

Prenatal hormonal therapy improves pulmonary compliance in the nitrofen-induced CDH rat model.

Glutathione transferase activity and formation of macromolecular adducts in two cases of acute methyl bromide poisoning.

Comparative teratological studies on TCDD, endrin and lindane in C57BL/6J and DBA/2J mice.

Autonomic and behavioral thermoregulation in golden hamsters exposed perinatally to dioxin.

Recombinant human erythropoietin: effect on the functional performance of anemic orthopedic patients.

[The Anders Jahres Prize. Intracellular signal transmission via dioxin receptors].

Correlation of impedance response patterns to histological findings in irritant skin reactions induced by various surfactants.

Safety assessment based on irrelevant toxicologic data: an extraordinary case of bromomethane used as a fumigant.

Intravenous iron supplementation for the treatment of the anemia of moderate to severe chronic renal failure patients not receiving dialysis.

Immune system impairment and hepatic fibrosis in mice lacking the dioxin-binding Ah receptor.

Airborne pollutants and the immune system.

Blood and air pollution: state of knowledge and research needs.

Specific induction of the 70-kD heat stress proteins by the tyrosine kinase inhibitor herbimycin-A protects rat neonatal cardiomyocytes. A new pharmacological route to stress protein expression?

Immunity to the G1 globular domain of the cartilage proteoglycan aggrecan can induce inflammatory erosive polyarthritis and spondylitis in BALB/c mice but immunity to G1 is inhibited by covalently bound keratan sulfate in vitro and in vivo.

Cell cycle defect in connection with oxygen and iron sensitivity in Fanconi anemia lymphoblastoid cells.

Activation of type I protein kinase A during receptor-mediated human T lymphocyte activation.

Increased oxidative DNA damage in livers of 2,3,7,8-tetrachlorodibenzo-p-dioxin treated intact but not ovariectomized rats.

Bioavailability of microencapsulated ferrous sulfate in fluid milk studies in human beings.

Occupational exposure and malignant lymphoma.

Cytogenetic biomonitoring of pesticide-exposed farmers in central Italy.

Increased expression of intercellular adhesion molecule 1, CD11/CD18 cell surface adhesion glycoproteins and alpha 4 beta 1 integrin in a rat model of chronic interstitial lung fibrosis.

Evaluation of reactive oxygen species involvement in amiodarone pulmonary toxicity in vivo and in vitro.

The pulmonary uptake of intravenously administered liposomal alpha-tocopherol is augmented in acute lung injury.

Reactive airway dysfunction syndrome due to sodium azide inhalation.

Occupational health data as a basis for process engineering changes: development of a safe work environment in the sodium azide industry.

Incomplete occlusion of central retinal artery in a girl with iron deficiency anemia.

Genetic association between cytochrome P450IA1 gene and susceptibility to Parkinson's disease.

Curcumin induces apoptosis in immortalized NIH 3T3 and malignant cancer cell lines.

Effects of iron replenishment on iron, calcium, phosphorus and magnesium metabolism in iron-deficient rats.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on influenza virus host resistance in mice.

Therapeutic efficacy of povidone-iodine (Betadine) and dichloroxylenol (Septocid) in Holstein cows affected with endometritis and/or cervicitis.

Cancers of skin, bone, connective tissues, brain, eye, thyroid and other specified and unspecified sites in Inuit.

Addition of ferrous sulfate to cement and risk of chromium dermatitis among construction workers.

Mechanism underlying the inhibitory effect of high calcium carbonate intake on iron bioavailability from ferrous sulphate in anaemic rats.

Pesticide applicators with mixed pesticide exposure: G-banded analysis and possible relationship to non-Hodgkin's lymphoma.

Mutation in the carboxy-terminal propeptide of the Pro alpha 1(I) chain of type I collagen in a child with severe osteogenesis imperfecta (OI type III): possible implications for protein folding.

Type II collagen-induced autoimmune ear disease in mice: a preliminary report on an epitope of the type II collagen molecule that induced inner ear lesions.

[Separation of methotrexate-polyglutamates by capillary electrophoresis and its application to the measurement of gamma-glutamyl hydrolase activity in human leukemia cells in culture].

[A case of acute peroral poisoning by the preparation Nitrafen].

Comparative epitope mapping of antibodies to collagen in women with silicone breast implants, systemic lupus erythematosus and rheumatoid arthritis.

Two distinct loci affecting conversion to mucoidy in *Pseudomonas aeruginosa* in cystic fibrosis encode homologs of the serine protease HtrA.

Direct measurement of lipid hydroperoxides in iron-dependent spinal neuronal injury.

Inhibition of mitochondrial respiration and oxygen uptake in isolated rat renal tubular fragments by atractyloside.

Isolation and characterization of a novel gene induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rat liver.

Morbidity study of extruder personnel with potential exposure to brominated dioxins and furans. II. Results of clinical laboratory studies.

Effects of metabolic inhibitors and lectins on the menadione-dependent generation of H₂O₂ by rat thymocytes.

Cyclosporine control of recipient lymphocyte traffic to the heart allograft.

Subcellular localization of TCDD differs between the liver, lungs, and kidneys after acute and subchronic exposure: species/dose comparisons and possible mechanism.

Infection of human T lymphoid cells by human herpesvirus 6 is blocked by two unrelated protein tyrosine kinase inhibitors, biochanin A and herbimycin.

Tyrosine kinase inhibitors and cycloheximide inhibit Li⁺ protection of cerebellar granule neurons switched to non-depolarizing medium.

[Bladder neoplasms and cyclophosphamide. Apropos of 3 cases and review of the literature].

Effects induced by feeding organochlorine-contaminated carp from Saginaw Bay, Lake Huron, to laying White Leghorn hens. I. Effects on health of adult hens, egg production, and fertility.

Embryotoxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): the embryonic vasculature is a physiological target for TCDD-induced DNA damage and apoptotic cell death in Medaka (*Orizias latipes*).

Arsenite induces apoptosis in Chinese hamster ovary cells by generation of reactive oxygen species.

Heat shock response inhibits cytokine-inducible nitric oxide synthase expression in rat hepatocytes.

Effects of tyrosine kinase inhibitors on tyrosine phosphorylations and the insulin-like effects in response to human growth hormone in isolated rat adipocytes.

Independent antioxidant action of vitamins E and C in cultured rat hepatocytes intoxicated with allyl alcohol.

Subchronic dispositional and toxicological effects of arsenate administered in drinking water to mice.

Higher concentrations of specific polychlorinated biphenyl congeners in adipose tissue from non-Hodgkin's lymphoma patients compared with controls without a malignant disease.

Bladder augmentation in the prevention of cyclophosphamide-induced haemorrhagic cystitis in the rat model.

Serum albumin is a specific inhibitor of apoptosis in human endothelial cells.

Alteration of oxytocin-induced calcium oscillations in clone 9 cells by toxin exposure.

Activation of tinidazole, an antiprotozoal drug to a mutagen by mammalian liver S9.

Illumination of therapeutics by toxicology: a personal view.

Dioxin activates human immunodeficiency virus-1 expression in chronically infected promonocytic U1 cells by enhancing NF-kappa B activity and production of tumor necrosis factor-alpha.

Freeze-induced shrinkage of individual cells and cell-to-cell propagation of intracellular ice in cell chains from salivary glands.

Anti-inflammatory properties of human serum IgA: induction of IL-1 receptor antagonist and Fc alpha R (CD89)-mediated down-regulation of tumour necrosis factor-alpha (TNF-alpha) and IL-6 in human monocytes.

Aryl-hydrocarbon receptor-deficient mice are resistant to 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced toxicity.

Epithelium-linked smooth muscle hyperresponsiveness in ferret tracheae exposed to acrolein.

Retro-retinoids in regulated cell growth and death.

Uncoupling effect of polyunsaturated fatty acid deficiency in isolated rat hepatocytes: effect on glycerol metabolism.

Metabolic stress opens K⁺ channels in hepatoma cells through a Ca²⁺- and protein kinase alpha-dependent mechanism.

Dual effect of glyburide, an antagonist of KATP channels, on metabolic inhibition-induced Ca²⁺ loading in cardiomyocytes.

Efficient tissue repair underlies the resiliency of postnatally developing rats to chlordecone + CCl₄ hepatotoxicity.

NES test performance in a large US Army veteran sample: relationships with both demographic factors and traditional neuropsychological measures.

Enzyme induction and acute endocrine effects in prepubertal female rats receiving environmental PCB/PCDF/PCDD mixtures.

Rapid cytotoxicity of human B lymphocytes induced by VH4-34 (VH4.21) gene-encoded monoclonal antibodies.

Interleukin 4 or oncostatin M induces a prolonged increase in P-selectin mRNA and protein in human endothelial cells.

Analysis of the globose basal cell compartment in rat olfactory epithelium using GBC-1, a new monoclonal antibody against globose basal cells.

P-glycoprotein induction in rat liver epithelial cells in response to acute 3-methylcholanthrene treatment.

Induction of *E. coli* oh8Gua endonuclease by oxidative stress: its significance in aerobic life.

Endothelin-1 induces tyrosine phosphorylation in human blood monocytes.

Construction of a ferritin-deficient mutant of *Campylobacter jejuni*: contribution of ferritin to iron storage and protection against oxidative stress.

Role of tumor necrosis factor- α on mesangial cell MCP-1 expression and monocyte migration: mechanisms mediated by signal transduction.

Tyrosine 8 contributes to catalysis but is not required for activity of rat liver glutathione S-transferase, 1-1.

Linoleate impairs collagen synthesis in primary cultures of avian chondrocytes.

Chronic in vivo sodium azide infusion induces selective and stable inhibition of cytochrome c oxidase.

Transduction mechanisms involved in thrombin receptor-induced nerve growth factor secretion and cell division in primary cultures of astrocytes.

Lyn and Fgr protein-tyrosine kinases prevent apoptosis during retinoic acid-induced granulocytic differentiation of HL-60 cells.

Mechanism of Safening Action of Dymuron and Its Two Monomethyl Analogues against Bensulfuron-methyl Injury to Rice (*Oryza sativa*).

Insecticide and Insecticide Metabolite Interactions with Cytochrome P450 Mediated Activities in Maize.

Expression and release of the a and b subunits for human coagulation factor XIII in baby hamster kidney (BHK) cells.

Estrogens attenuate and corticosterone exacerbates excitotoxicity, oxidative injury, and amyloid beta-peptide toxicity in hippocampal neurons.

Characterization of a sodium-dependent magnesium efflux from magnesium-loaded rat pancreatic acinar cells.

Acute ethanol administration induces oxidative changes in rat pancreatic tissue.

Relative potencies of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls derived from hepatic porphyrin accumulation in mice.

Formation of sodium dodecyl sulfate-stable fibronectin multimers. Failure to detect products of thiol-disulfide exchange in cyanogen bromide or limited acid digests of stabilized matrix fibronectin.

Superoxide is not the proximate cause of paraquat toxicity.

Potency of a complex mixture of polychlorinated dibenzo-p-dioxin, dibenzofuran, and biphenyl congeners compared to 2,3,7,8-tetrachlorodibenzo-p-dioxin in causing fish early life stage mortality.

Persistence of decreased T-helper cell function in industrial workers 20 years after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Actions of selected hepatotoxicants on freshly isolated and cryopreserved rat hepatocytes.

Inhibition of protein tyrosine kinases impairs axon extension in the embryonic optic tract.

Influence of liver tumor promoters on apoptosis in rat hepatocytes induced by 2-acetylaminofluorene, ultraviolet light, or transforming growth factor beta 1.

Mammalian plasma and tissue-bound semicarbazide-sensitive amine oxidases: biochemical, pharmacological and toxicological aspects.

Analytical findings in a suicide involving sodium azide.

Osteoclast demise in the rat: physiological versus degenerative cell death.

A community-based epidemiologic study of acute health effects from a metam-sodium spill on California's Sacramento River.

Effect of NaN₃ on oxygen-dependent lethality of UV-A in Escherichia coli mutants lacking active oxygen-defence and DNA-repair systems.

Regional differences in the distribution of catalase in the epithelium of the ocular lens.

TNF-alpha participates in an IgE-mediated cutaneous reaction in mast cell deficient, WBB6F1-W/Wv mice.

Mechanisms involved in eosinophil migration. Platelet-activating factor-induced chemotaxis and interleukin-5-induced chemokinesis are mediated by different signals.

4-Chloro-m-cresol, a potent and specific activator of the skeletal muscle ryanodine receptor.

Synergy between chronic corticosterone and sodium azide treatments in producing a spatial learning deficit and inhibiting cytochrome oxidase activity.

Studies on paraquat toxicity on deoxyribonucleic acid of cultured mammalian cells using flow cytometry.

Differential ability of 2,4-dinitrophenol to modulate etoposide cytotoxicity in mammalian tumor cell lines associated with inhibition of macromolecular synthesis.

Sperm auto - antibodies and anti-nuclear antigen antibodies in chronic dioxin - exposed veterans.

Methyl bromide intoxication during grain store fumigation.

Protection against oxidative injury and permeability alteration in cultured alveolar epithelium by transferrin-catalase conjugate.

Oxidation of pyridine nucleotides is an early event in the lethality of allyl alcohol.

Bald eagle mortality and chlorinated hydrocarbon contaminants in livers from British Columbia, Canada, 1989-1994.

The acute and chronic effects of alcohol upon cardiac nucleotide status.

[Purification of the natural 24kd (P24) of the type-1 human immunodeficiency virus (HIV-1) using immunoaffinity].

Role of cell surface glycosaminoglycans of human T cells in human immunodeficiency virus type-1 (HIV-1) infection.

Comparison of the expression of a plastidic chaperonin 60 in different plant tissues and under photosynthetic and non-photosynthetic conditions.

Changes in taurine as an indicator of hepatic dysfunction and biochemical perturbations. Studies in vivo and in vitro.

Effect of verapamil on allyl alcohol hepatotoxicity.

Arsenic induces oxidant stress and NF-kappa B activation in cultured aortic endothelial cells.

Strain differences in tissue repair response to 1,2-dichlorobenzene.

Elucidating the mechanism of cortical microtubule reorientation in plant cells.

Trout liver slices for metabolism and toxicity studies.

Preliminary in vitro cytotoxicity screening of a bead-formed macroporous hydrophilic polymer matrix.

Heat shock factor-1 mediates the transcriptional activation of Alzheimer's beta-amyloid precursor protein gene in response to stress.

Oxidative phenotype polymorphism (P450 2D6) and metabolism of toluene.

Evidence for decline in intracellular calcium buffering in adrenergic nerves of aged rats.

Endogenous reactive oxygen metabolites mediate sublethal endothelial cell dysfunction during reoxygenation.

Involvement of wound-associated factors in rat brain astrocyte migratory response to axonal injury: in vitro simulation.

Modulation of chemical-induced lung and liver toxicity by all-trans-retinol in the male Sprague-Dawley rat.

Intratracheally administered liposomal alpha-tocopherol protects the lung against long-term toxic effects of paraquat.

Estimating variance functions in developmental toxicity studies.

A metalloporphyrin superoxide dismutase mimetic protects against paraquat-induced endothelial cell injury, *in vitro*.

Thiols metabolism is altered by the herbicides paraquat, dinoseb and 2,4-D: a study in isolated hepatocytes.

[Paraquat-induced acute dermatitis in a child after playing with a discarded container].

Subacute toxicity of urea herbicide, isoproturon, in male rats.

Modifications of neurofilament proteins by possible metabolites of allyl chloride *in vitro*.

Recovery of respiratory function in survivors with paraquat intoxication.

Acute toxicity studies with earthworms, *Lumbricus terrestris*.

Antioxidative activity of 5,6,7,8-tetrahydrobiopterin and its inhibitory effect on paraquat-induced cell toxicity in cultured rat hepatocytes.

Radical formation site of cerebral complex I and Parkinson's disease.

Segment specificity of the cytological response in rainbow trout (*Oncorhynchus mykiss*) renal tubules following prolonged exposure to sublethal concentrations of atrazine.

Cyanamide-associated alcoholic liver disease: a sequential histological evaluation.

Acute toxicity tests using *Phyllospora comosa* (Labillardiere) C. Agardh (Phaeophyta: Fucales) and *Allorchestes compressa* Dana (Crustacea: Amphipoda).

Changes in primary and secondary lymphoid organ T-cell subpopulations resulting from acute *in vivo* exposure to propanil.

Epidemiologic research on Vietnam veterans. Difficulties and lessons learned.

Hodgkin's disease and Vietnam service.

A new mask filter cartridge used to determine applicator inhalation exposure to an alachlor herbicide (Lasso) during normal spraying operations.

Risk factors for occupational illnesses associated with the use of paraquat (1,1'-dimethyl-4,4'-bipyridylium dichloride) in California.

Environmental pollutants alter taste responses in the gerbil.

An easy and economical method to prepare cells for cytologic analyses.

[Poisoning by organophosphates and paraquat: apropos 14 cases].

Specific binding of a dichloroacetamide herbicide safener in maize at a site that also binds thiocarbamate and chloroacetanilide herbicides.

Pronounced activation of protein kinase C, ornithine decarboxylase and c-jun proto-oncogene by paraquat-generated active oxygen species in WI-38 human lung cells.

On the association between canine malignant lymphoma and opportunity for exposure to 2,4-dichlorophenoxyacetic acid.

Effects of acute 2,4-dichlorophenoxyacetic acid on cattle serum components and enzyme activities.

Effects of pentachlorophenol and biotic interactions on soil fauna and decomposition in humus soil.

[Evaluation of wood preservative pollutants of indoor air].

[Paraquat poisoning. Treatment and prognosis].

Xanthine oxidase mediates paraquat-induced toxicity on cultured endothelial cell.

Toxicology of 2,4-dichlorophenoxyacetic acid (2,4-D) and its determination in serum and brain tissue using gas chromatography-electron-capture detection.

Toxic effects of carbofuran and glyphosate on semen characteristics in rabbits.

Impaired in-vitro lymphocyte responses in patients with elevated pentachlorophenol (PCP) blood levels.

The role of free radicals in paraquat-induced corneal lesions.

Photodamage and skin cancer among paraquat workers.

Developmental toxicity of dinitroaniline herbicides in rats and rabbits. I. Trifluralin.

A full likelihood procedure for analysing exchangeable binary data.

The herbicide dicamba (2-methoxy-3,6-dichlorobenzoic acid) is a peroxisome proliferator in rats.

Chelation of organoarsenate with dimercaptosuccinic acid.

Toxicity of cotoran (fluometuron) in Desert sheep.

Acrolein mercapturates: synthesis, characterization, and assessment of their role in the bladder toxicity of cyclophosphamide.

Extrathyroidally mediated changes in circulating thyroid hormone concentrations in the male rat following administration of an experimental oxyacetamide (FOE 5043).

Escherichia coli iron superoxide dismutase targeted to the mitochondria of yeast cells protects the cells against oxidative stress.

Paraquat--a superoxide generator--kills neurons in the rat spinal cord.

Acute and chronic toxicity of the thiocarbamate herbicide, molinate, to the cladoceran *Moina australiensis* Sars.

Biological effects of active oxygen on an X-ray-sensitive mutant mouse cell line (SL3-147).

Deaths from pesticide poisoning in England and Wales 1990-1991.

Serum biochemical and histopathological changes related to the hepatic function in pigs following atrazine treatment.

Ifosfamide and mesna: effects on the Na/H exchanger activity in renal epithelial cells in culture (LLC-PK1).

Evaluation of the use of uncertainty factors in deriving RfDs for some chlorinated compounds.

The effects of subchronic chlorate exposure in Sprague-Dawley rats.

Acute and long-term effects of nine chemicals on the Japanese medaka (*Oryzias latipes*).

Detoxification of paraquat poisoning: effects of alkylsulfates and alkylsulfonates on paraquat poisoning in mice and rats.

Enhanced sensitivity to oxidative stress in cultured embryonic cells from transgenic mice deficient in metallothionein I and II genes.

A 2,4-dichlorophenoxyacetic acid induced fatality.

Mutations in PMR1 suppress oxidative damage in yeast cells lacking superoxide dismutase.

Agent Orange down under.

Lung damage in paraquat poisoning and hyperbaric oxygen exposure: superoxide-mediated inhibition of phospholipase A2.

[The effect of bentazone TP, an herbicide, on hematologic indicators in sheep during acute and subchronic poisoning].

Chronotoxicity of glufosinate ammonium in mice.

Overinterpretation of small numbers in the Dow 2,4-D cohort study.

Rapid toxicity assessment using an in vivo enzyme test for *Brachionus plicatilis* (Rotifera).

[Retrospective study of the morbidity in a group occupationally exposed to chlorotriazine herbicides: preliminary results].

[Herbicides and neoplasms of the hemolymphopoietic system].

Fate and effects of acrolein.

Effects of paraquat, dinoseb and 2,4-D on intracellular calcium and on vasopressin-induced calcium mobilization in isolated hepatocytes.

Glyphosate herbicide poisoning: use of a routine aminoacid analyzer appears to be a rapid method for determining glyphosate and its metabolite in biological fluids.

Mixed diquat/paraquat-induced burns.

Paternal serum dioxin and reproductive outcomes among veterans of Operation Ranch Hand.

Potent protective effect of melatonin on in vivo paraquat-induced oxidative damage in rats.

Survival in a case of massive paraquat ingestion.

Pulmonary damage due to paraquat poisoning through skin absorption.

Liposomal alpha-tocopherol alleviates the progression of paraquat-induced lung damage.

[Medico-biological aspects of biochemistry of amines and other nitrogen bases].

[Fatal fibrosing interstitial pneumopathy of uncommon cause].

Mutagenicity testing of nine herbicides and pesticides currently used in agriculture.

Immunohistochemical dynamics of leukotoxin (9,10-epoxy-12-octadecenoic acid) in lungs of rats.

Acute-phase reactant proteins and antioxidants in rats intoxicated chronically with paraquat.

Epidemiology of atrazine.

Effects of repeated oral doses of Dikamin D (2,4-D-amine Na) on rats.

Catalase inhibition with 3-amino-1,2,4-triazole does not abolish infarct size reduction in heat-shocked rats.

Exposure to polychlorinated dioxins and furans (PCDD/F) and mortality in a cohort of workers from a herbicide-producing plant in Hamburg, Federal Republic of Germany.

[The campaign against the spread of ragweed: the Quebec model].

Generation of resistance to the diphenyl ether herbicide acifluorfen by MEL cells.

Dapsone-induced hemolytic anemia: role of glucose-6-phosphate dehydrogenase in the hemolytic response of rat erythrocytes to N-hydroxydapsone.

Cigarette smoke inhibits lung fibroblast proliferation and chemotaxis.

Mutations associated with amyotrophic lateral sclerosis convert superoxide dismutase from an antiapoptotic gene to a proapoptotic gene: studies in yeast and neural cells.

Puromycin aminonucleoside inhibits mesangial cell-induced contraction of collagen gels by stimulating production of reactive oxygen species.

The acute effects of ethanol and acetaldehyde on the synthesis of mixed and contractile proteins of the jejunum.

Pathogenesis of diquat-induced liver necrosis in selenium-deficient rats: assessment of the roles of lipid peroxidation and selenoprotein P.

Antioxidative roles of metallothionein and manganese superoxide dismutase induced by tumor necrosis factor-alpha and interleukin-6.

The effect of protoporphyrinogen oxidase inhibitors on microsomal and mitochondrial cytochromes.

Excretion of F2-isoprostanes in bile: a novel index of hepatic lipid peroxidation.

High susceptibility to paraquat-driven lipid peroxidation of cultured hepatocytes loaded with linolenic acid.

Effects of cigarette smoke extract on bovine bronchial epithelial cell attachment and migration.

A mutant of *Azospirillum brasilense* Sp7 impaired in flocculation with a modified colonization pattern and superior nitrogen fixation in association with wheat.

Oxidant resistance of cadmium-adapted human lung fibroblasts.

The tyramine-labelled vesicular transporter for dopamine: a putative target of pesticides and neurotoxins.

MPP⁺ selectively affects calcium homeostasis in mesencephalic cell cultures from embryonal C57/Bl6 mice.

A comparative study of direct hemoperfusion and hemodialysis for the removal of glufosinate ammonium.

Role of lipid peroxidation in H₂O₂-induced renal epithelial (LLC-PK1) cell injury.

Diquat increases cysteine proteinase inhibitors greatly in rat plasma and tissues.

Review of the interaction between TCDD and glucocorticoids in embryonic palate.

19-Allylaminoherbimycin A, an analog of herbimycin A that is stable against treatment with thiol compounds or granulocyte-macrophage colony-stimulating factor in human leukemia cells.

Toxic equivalency factors do not predict the acute toxicities of dioxins in rats.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced anorexia and wasting syndrome in rats: aggravation after ventromedial hypothalamic lesion.

The role of the neurohormone melatonin as a buffer against macromolecular oxidative damage.

Fibroblasts isolated after fibrotic lung injury induce apoptosis of alveolar epithelial cells in vitro.

Histopathology of postpartum placental sites in mink (*Mustela vison*) exposed to polychlorinated biphenyls or fractions thereof.

Induced gene transcription: implications for biomarkers.

Induction of heat shock protein 72 prevents neutrophil-mediated human endothelial cell necrosis.

Oral administration of dihydroartemisinin and ferrous sulfate retarded implanted fibrosarcoma growth in the rat.

Collagen type in dysfunctional temporomandibular joint disks.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on anti-CD3-induced changes in T-cell subsets and cytokine production.

Transcriptional activation of Alzheimer's beta-amyloid precursor protein gene by stress.

[Fatal sodium azide poisoning in a hospital: a preventable accident].

Quantitative analysis of collagen and collagen subtypes I, III, and V in human pancreatic cancer, tumor-associated chronic pancreatitis, and alcoholic chronic pancreatitis.

Immune response to *Schistosoma mansoni* phosphoglycerate kinase during natural and experimental infection: identification of a schistosome-specific B-cell epitope.

Influence of iron-limited continuous culture on physiology and virulence of *Legionella pneumophila*.

Anti-collagen antibodies in systemic sclerosis and in primary Raynaud's phenomenon.

Persistence of TCDD-induced hepatic cell proliferation and growth of enzyme altered foci after chronic exposure followed by cessation of treatment in DEN initiated female rats.

Promotion of N-nitrosodiethylamine-initiated hepatocellular tumors and hepatoblastomas by 2,3,7,8-tetrachlorodibenzo-p-dioxin or Aroclor 1254 in C57BL/6, DBA/2, and B6D2F1 mice.

[Comparison of the effectiveness and tolerance of Aktiferrin, a ferrous sulfate capsule preparation and Tardyferon pills in patients with uncomplicated sideropenic anemia].

Neurological condition in 18-month-old children perinatally exposed to polychlorinated biphenyls and dioxins.

Cryptosporidiosis at ICAAC.

Altered glycine transport by cerebral tissue and decreased Na⁺ and Ca⁺⁺ pump activities during organophosphorus-ester-induced delayed neurotoxicity development period.

Intestinal rotation in experimental congenital diaphragmatic hernia.

[Comparative study on pharmacological effects of various species of *Pueraria*].

Developmental effects of dioxins.

Immunoresponsiveness in endometriosis: implications of estrogenic toxicants.

Role of sodium azide in reducing nonspecific color development in enzyme immunoassays.

Synthesis of [Phe(4F)₃]thymopoietin II and examination of its immunological effect on the impaired blastogenic response of T-lymphocytes of uremic patients.

Shedding of surface-bound antibody by adult *Dictyocaulus viviparus*.

Deferoxamine treatment for acute iron intoxication in pregnancy.

Increase in chloride-dependent L-glutamate transport activity in synaptic membrane after in vitro ischemic treatment.

Adaptation of Ehrlich ascites carcinoma cells to energy deprivation in vivo can be associated with heat shock protein accumulation.

Dietary exposure of mink to carp from Saginaw Bay, Michigan: 2. Hematology and liver pathology.

Bilateral idiopathic loss of peripheral vestibular function with normal hearing.

A monoclonal antibody against a peptide sequence of fibrinogen gamma chain acts as an inhibitor of factor XIII-mediated crosslinking of human fibrin.

Pesticides--how research has succeeded and failed in informing policy: DDT and the link with breast cancer.

De novo mutation in the mitochondrial ATP synthase subunit 6 gene (T8993G) with rapid segregation resulting in Leigh syndrome in the offspring.

Identification and characterization of a major tolerogenic T-cell epitope of type II collagen that suppresses arthritis in B10.RIII mice.

Induction of macrophage procoagulant activity by murine hepatitis virus strain 3: role of tyrosine phosphorylation.

The effect of iron in formula milk after 6 months of age.

Incorporating cell proliferation kinetics into models for cancer risk assessment.

Different response of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-sensitive genes in human breast cancer MCF-7 and MDA-MB 231 cells.

Establishment of a recombinant hepatic cell line stably expressing alcohol dehydrogenase.

Inhibition of oxidative phosphorylation by palmitoyl-CoA in digitonin permeabilized fibroblasts: implications for long-chain fatty acid beta-oxidation disorders.

Reconstitution of the rat olfactory epithelium after methyl bromide-induced lesion.

Free radical formation in autopsy samples of Alzheimer and control cortex.

Impact of nutritional supplements on hematological profile of pregnant women.

Role of lipopolysaccharide and tumor necrosis factor-alpha in induction of hepatocyte necrosis.

Serum erythropoietin levels in patients with severe anemia secondary to inflammatory bowel disease and the use of recombinant human erythropoietin in patients with anemia refractory to treatment.

Inhibition of protein tyrosine kinase alters the effect of serum basic protein I on triacylglycerols and cholesterol differently in normal and hyperapoB fibroblasts.

Spin trapping endogenous radicals in MC-1010 cells: evidence for hydroxyl radical and carbon-centered ascorbyl radical adducts.

Large secretory structures at the cell surface imaged with scanning force microscopy.

Integrin-mediated tyrosine phosphorylation and cytokine message induction in monocytic cells. A possible signaling role for the Syk tyrosine kinase.

Pregnancy associated anemia and iron: a pilot study.

Nutrition and breast-feeding.

Health effects related to releases of hazardous substances on the Superfund priority list.

Agriculture-related injuries in the parkland region of Manitoba.

Ferritin excretion and iron balance in humans.

Inhibition of 4-hydroxyphenylpyruvate dioxygenase by 2-(2-nitro-4-trifluoromethylbenzoyl)-cyclohexane-1,3-dione and 2-(2-chloro-4-methanesulfonylbenzoyl)-cyclohexane-1,3-dione.

Radiosyntheses of labeled beta-pseudothymidine ([C-11]- and [H-3]methyl) and its biodistribution and metabolism in normal and tumored mice.

Hyperresponse in calcium-induced insulin release from electrically permeabilized pancreatic islets of diabetics GK rats and its defective augmentation by glucose.

Herbimycin A inhibits phorbol ester-induced morphologic changes, adhesion, and megakaryocytic differentiation of the leukemia cell line, MEG-01.

Immunomodulatory effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin tested by the popliteal lymph node assay.

Antioxidant and prooxidant roles of copper in Tween 20-induced hemolysis of hamster and pig erythrocytes containing marginal vitamin E.

[Methods for rapid evaluation of the effectiveness of drugs showing promise for urgent prevention and treatment of plague].

The mechanism of action of the two-layer cold storage method in canine pancreas preservation--protection of pancreatic microvascular endothelium.

Inhibition of apoptosis during 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated tumour promotion in rat liver.

The efficacy of erythropoietin in human immunodeficiency virus-infected end-stage renal disease patients treated by maintenance hemodialysis.

Adipose tissue concentrations of dioxins and dibenzofurans in patients with malignant lymphoproliferative diseases and in patients without a malignant disease.

Dioxin--an analysis of the major human studies: comparison with animal-based cancer risks.

Accidental fatal monochloroacetic acid poisoning.

Hypoxia-induced vascular endothelial growth factor expression in normal rat astrocyte cultures.

Functional aspects of developmental toxicity of polyhalogenated aromatic hydrocarbons in experimental animals and human infants.

An inward rectifier K⁺ current modulates in neuroblastoma cells the tyrosine phosphorylation of the pp125FAK and associated proteins: role in neuritogenesis.

Neonatal lethality associated with respiratory distress in mice lacking cytochrome P450 1A2.

Immune system impairment and hepatic fibrosis in mice lacking the dioxin-binding Ah receptor.

[The use of tardyferon in the combined treatment of patients with chronic atrophic gastritis and peptic ulcer complicated by hemorrhage].

Hepatic microsomal ethoxyresorufin O-deethylase-inducing potency in ovo and cytosolic Ah receptor binding affinity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: comparison of four avian species.

Subchronic dose-response study of 2,3,7,8-tetrachlorodibenzo-p-dioxin in female Sprague-Dawley rats.

Postischemic proximal tubular resistance to oxidant stress and Ca²⁺ ionophore-induced attack. Implications for reperfusion injury.

Dilated cardiomyopathy is associated with an increase in the type I/type III collagen ratio: a quantitative assessment.

Apoptosis: the in vivo mechanism which mediates spontaneous AK-5 tumor regression.

Identity and pathogenesis of stomach tumors in Sprague-Dawley rats associated with the dietary administration of butachlor.

Induction of endometriosis in mice: a new model sensitive to estrogen.

Localization of porcine cardiac myosin epitopes that induce experimental autoimmune myocarditis.

Direct tumorigenic conversion of human gallbladder carcinoma cells by v-src but not by activated c-H-ras oncogene.

Resinifying therapy in endodontics. A clinical and radiological evaluation.

Origin and immunoregulation of autoantibodies against intestinal alkaline phosphatase.

Irritant dermatitis among workers cleaning up a pesticide spill: California 1991.

Workers' response to risk notification.

Dietary exposure of mink to carp from Saginaw Bay, Michigan. 1. Effects on reproduction and survival, and the potential risks to wild mink populations.

Presentation of cartilage proteoglycan to a T cell hybridoma derived from a mouse with proteoglycan-induced arthritis.

The potential utility of animal poisoning data to identify human exposure to environmental toxins.

Environmental and dietary estrogens and human health: is there a problem?

Mechanism of chromium(VI) toxicity in Escherichia coli: is hydrogen peroxide essential in Cr(VI) toxicity?

Antibody reactivity to mycobacterial 65 kDa heat shock protein: relevance to autoimmunity.

Variation in the expression and/or phosphorylation of the human low molecular weight stress protein during in vitro cell differentiation.

Scrapie prions selectively modify the stress response in neuroblastoma cells.

Modulation of TCDD-induced wasting syndrome by portocaval anastomosis and vagotomy in Long-Evans and Han/Wistar rats.

ACTH-(1-24) blocks the decompensatory phase of the haemodynamic response to acute hypovolaemia in conscious rabbits.

Treatment of Philadelphia-chromosome-positive human leukemia in SCID mouse model with herbimycin A, bcr-abl tyrosine kinase activity inhibitor.

Methyl bromide induced neuropathy: a clinical, neurophysiological, and morphological study.

Correlation between toxicity and effects on intermediary metabolism in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated male C57BL/6J and DBA/2J mice.

Efficacy of oral iron therapy in patients receiving recombinant human erythropoietin.

Acinar cell respiration in experimental acute pancreatitis.

Prenatal hormonal therapy improves pulmonary compliance in the nitrofen-induced CDH rat model.

Pulmonary neuroendocrine cells in neonatal rats with congenital diaphragmatic hernia.

Antithrombin-TRI (Ala382 to Thr) causing severe thromboembolic tendency undergoes the S-to-R transition and is associated with a plasma-inactive high-molecular-weight complex of aggregated antithrombin.

Local and remote matrix responses to chondrocyte-laden collagen scaffold implantation in extensive articular cartilage defects.

Resistance of melanoma cell lines to interferons correlates with reduction of IFN-induced tyrosine phosphorylation. Induction of the anti-viral state by IFN is prevented by tyrosine kinase inhibitors.

Activation of casein kinase II in ML-1 human myeloblastic leukemia cells requires IGF-1 and transferrin.

Unaltered thyroid function in mice responding to a highly immunogenic thyrotropin receptor: implications for the establishment of a mouse model for Graves' disease.

Comparison of expression of aldehyde dehydrogenase 3 and CYP1A1 in dominant and recessive aryl hydrocarbon hydroxylase-deficient mutant mouse hepatoma cells.

A radiographic, morphologic, biochemical and molecular analysis of a case of achondrogenesis type II resulting from substitution for a glycine residue (Gly691-->Arg) in the type II collagen trimer.

Enrichment with arachidonic acid increases the sensitivity of hepatoma cells to the cytotoxic effects of oxidative stress.

Mechanisms of uremic inhibition of phagocyte reactive species production: characterization of the role of p-cresol.

The adverse effects of long-term cassava (*Manihot esculenta* Crantz) consumption.

2,3,7,8-Tetrachlorodibenzo-p-dioxin: molecular mechanism of carcinogenesis and its implication in human in vitro model.

Effects of inhalative exposure to dioxins in wood preservatives on cell-mediated immunity in day-care center teachers.

Embryonic cell death patterns associated with nitrofen-induced congenital diaphragmatic hernia.

Flow cytometric analysis of the granulocyte respiratory burst: a comparison study of fluorescent probes.

The effects of acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on glioma-specific cytotoxic T-cell activity in Fischer 344 rats.

A morphological study of liver lesions in *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) with special reference to apoptosis of hepatocytes.

Antioxidant effect of a Ginkgo biloba extract (EGb 761) on the retina.

[Medical and biological aspects of the dioxin problem].

[Possibilities of the use of oxymethacil as an antioxidant in the prevention of intoxication in industrial surroundings and ecologically unhealthy areas].

Effect of supplementation with an iron-fortified milk on incidence of diarrhea and respiratory infection in urban-resident infants.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on tryptophan and glucose homeostasis in the most TCDD-susceptible and the most TCDD-resistant species, guinea pigs and hamsters.

A new gastric ulcer model in rats produced by ferrous iron and ascorbic acid injection.

Toxicological and neuropsychological findings in patients presenting to an environmental toxicology service.

Non-Hodgkin's lymphoma.

Survival after a severe iron poisoning treated with intermittent infusions of deferoxamine.

Angiotensin-converting enzyme activity is increased in lungs of rats with pulmonary hypoplasia and congenital diaphragmatic hernia.

[Species-specific toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin upon the acute and chronic effect on the mammalian body].

Mechanisms of the formation and disposition of reactive metabolites that can cause acute liver injury.

Role of the lung in accumulation and metabolism of xenobiotic compounds--implications for chemically induced toxicity.

Characterization of sugar receptor expression by neoglycoproteins in oral and oropharyngeal squamous cell carcinomas.

Differential effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the "adipose-type" and "brain-type" glucose transporters in mice.

Nitric oxide. An important signaling mechanism between vascular endothelium and parenchymal cells in the regulation of oxygen consumption.

Tyrosine protein kinase inhibitors prevent activation of cardiac swelling-induced chloride current.

Regional brain effects of sodium azide treatment on cytochrome oxidase activity: a quantitative histochemical study.

Response of [Ah] battery genes to compounds that protect against menadione toxicity.

Loss of mitochondrial membrane potential is not essential to hepatocyte killing by allyl alcohol.

N-acetylcysteine pretreatment attenuates paraquat-induced lung leak in rats.

Kinetics of plasma membrane and mitochondrial alterations in cells undergoing apoptosis.

Evaluation of the significance of polyamines and their oxidases in the aetiology of human cervical carcinoma.

Lipopolysaccharide stimulates the tyrosine phosphorylation of mitogen-activated protein kinases p44, p42, and p41 in vascular endothelial cells in a soluble CD14-dependent manner. Role of protein tyrosine phosphorylation in lipopolysaccharide-induced stimulation of endothelial cells.

Adenosine accumulation as an indicator of cell-specific toxicity in rat lung slices.

[Female workers health: the case of a laundry at a sodium chlorate factory].

Capacitative Ca^{2+} influx and a Ca^{2+} -dependent nonselective cation pathway are discriminated by genistein in mouse pancreatic acinar cells.

Reproductive effects in birds exposed to pesticides and industrial chemicals.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) to the human thymus after implantation in SCID mice.

In utero and lactational exposure of the male rat to 2,3,7,8-tetrachlorodibenzo-p-dioxin: impaired prostate growth and development without inhibited androgen production.

Tyrosine kinase inhibitors inhibit multiple steps of the cell cycle of vascular smooth muscle cells.

A biotechnological method provides access to aggregation competent monomeric Alzheimer's 1-42 residue amyloid peptide.

Impaired cellular immune response in harbour seals (*Phoca vitulina*) feeding on environmentally contaminated herring.

Cytoskeletal regulation of Caco-2 intestinal monolayer paracellular permeability.

Chronic sodium azide treatment decreases membrane-bound protein kinase C activity in the rat hippocampus.

Bivascular liver perfusion in the anterograde and retrograde modes: zonation of the response to inhibitors of oxidative phosphorylation.

Dopamine-induced programmed cell death in mouse thymocytes.

Enhanced phosphorylation of nuclear 21-kDa and 34-kDa proteins in hepatoma cell death induced by tumor-necrosis factor-alpha.

Enhanced effectiveness of dimethyl-4,4'-dimethoxy-5,6,5',6'-dimethylene dioxybiphenyl-2,2'-dicarboxylate in combination with garlic oil against experimental hepatic injury in rats and mice.

Effects of protein tyrosine kinase inhibitors with different modes of action on topoisomerase activity and death of IL-2-dependent CTLL-2 cells.

Cyclophosphamide: review of its mutagenicity for an assessment of potential germ cell risks.

Immunoquantification of type I, III, IV and V collagen in small samples of human lung parenchyma.

Acute toxicity of selected metals and phenols on RTG-2 and CHSE-214 fish cell lines.

Inhibition of tumor necrosis factor alpha- and ceramide-induced internucleosomal DNA fragmentation by herbimycin A in U937 cells.

Octanoate affects 2,4-dinitrophenol uncoupling in intact isolated rat hepatocytes.

Somatic embryogenesis and plant regeneration in tissue cultures of radish (*Raphanus sativus* L.).

Application of high-performance liquid chromatography to a fatality involving azide.

Halogenated aromatic hydrocarbons and toxicity equivalency factors (TEFs) from the public health assessment perspective.

Acute and prolonged toxicity to aquatic organisms of new and existing chemicals and pesticides.

Cytochromes P450 in cynomolgus monkeys mutagenically activate 2-amino-3-methylimidazo[4,5-f]quinoline (IQ) but not 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline (MeIQx).

Glutathione S-transferase 8-8 is localized in smooth muscle cells of rat aorta and is induced in an experimental model of atherosclerosis.

Temperature regulation and metabolism in rats exposed perinatally to dioxin: permanent change in regulated body temperature?

Xenoestrogens alter mammary gland differentiation and cell proliferation in the rat.

A stereotypic, transplantable liver tissue-culture system.

Chemical speciation of arsenic in urine of patients with blackfoot disease.

Growth inhibition and cell killing by N-methyl-N-nitrosourea: metabolic alterations that accompany poly(ADP-ribosylation).

A novel type of cell death of lymphocytes induced by a monoclonal antibody without participation of complement.

Alterations in thyroid function in female Sprague-Dawley rats following chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Site-specific crosslinking of 4-thiouridine-modified human tRNA(3Lys) to reverse transcriptase from human immunodeficiency virus type I.

Participation of small intraportal stem cells in the restitutive response of the liver to periportal necrosis induced by allyl alcohol.

Subchronic effects of 2,3,7,8-TCDD or PCBs on thyroid hormone metabolism: use in risk assessment.

A metabolite of carcinogenic 2-acetylaminofluorene, 2-nitrosofluorene, induces redox cycling in mitochondria.

Depletion of neutrophils and modulation of Kupffer cell function in allyl alcohol-induced hepatotoxicity.

Chronic UVB- and all-trans retinoic-acid-induced qualitative and quantitative changes in hairless mouse skin.

Metaanalysis of 4 Swedish case-control studies on exposure to pesticides as risk-factor for soft-tissue sarcoma including the relation to tumor-localization and histopathological type.

Proportionate mortality study of Vietnam-era veterans of Michigan.

Using biological monitoring to assess human exposure to priority toxicants.

[Changes in hematological indices, iron levels and marrow erythroids through autologous blood donation before cardiac surgery--predonation with versus without recombinant human erythropoietin].

Dioxin activates HIV-1 gene expression by an oxidative stress pathway requiring a functional cytochrome P450 CYP1A1 enzyme.

Acute aquatic toxicity of protolyzing substances studied as the microtox effect.

Induction of CYP1A and glutathione S-transferase activities by 2,3,7,8-tetrachlorodibenzo-p-dioxin in human hepatocyte cultures.

Subchronic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and their reversibility in male Sprague-Dawley rats.

Effects of magnesium and iron on lipid peroxidation in cultured hepatocytes.

Iron balance in menstruating women.

Protective effect of oleanolic acid against chemical-induced acute necrotic liver injury in mice.

Catalase and hydrogen peroxide cytotoxicity in cultured cardiac myocytes.

Excitatory amino acid release from astrocytes during energy failure by reversal of sodium-dependent uptake.

Irreversible inactivation of glutathione S-transferase- α by a low concentration of naphthoquinones.

Dose-response relationships of tissue distribution and induction of CYP1A1 and CYP1A2 enzymatic activities following acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice.

Involvement of hydrogen and lipid peroxides in acute tobacco smoking-induced platelet hyperactivity.

Burn injury stimulates multiple proteolytic pathways in skeletal muscle, including the ubiquitin-energy-dependent pathway.

The maize mitochondrial MnSODS encoded by multiple genes are localized in the mitochondrial matrix of transformed yeast cells.

Microvillar cells of the olfactory epithelium: morphology and regeneration following exposure to toxic compounds.

Somaclonal variation in watercress for resistance to crook root disease.

Olfactory toxicity of methyl iodide in the rat.

Stimulation of radial expansion in arabidopsis roots by inhibitors of actomyosin and vesicle secretion but not by various inhibitors of metabolism.

Bioaccumulation and toxic effects of elevated levels of 3,3',4,4'-tetrachloroazobenzene (33'44'-TCAB) towards aquatic organisms. II: Bioaccumulation and toxic effects of dietary 33'44'-TCAB on the Japanese Medaka (*Oryzias latipes*).

Allyl alcohol cytotoxicity in isolated rat hepatocytes: effects of azide, fasting, and fructose.

Phenol and cresol metabolism in *Bacillus pumilus* isolated from contaminated groundwater.

Effects of pesticides on isolated rat hepatocytes, mitochondria, and microsomes II.

BW-755C diminishes smoke-induced pulmonary edema.

Quinone methide formation from para isomers of methylphenol (cresol), ethylphenol, and isopropylphenol: relationship to toxicity.

Toxicology of methyl bromide.

Atypical apoptotic cell death induced in L929 targets by exposure to tumor necrosis factor.

Oxidative stress from environmental pollutants.

Selective increase of rat lung cytochrome P450 1A1 dependent monooxygenase activity after acute sodium arsenite administration.

Analysis of whole-blood cyclosporin G by liquid chromatography in renal transplant recipients.

Iron(II) is a modulator of ryanodine-sensitive calcium channels of cardiac muscle sarcoplasmic reticulum.

Receptor-induced death in human natural killer cells: involvement of CD16.

"Farming and prostate cancer mortality".

The Melkersson-Rosenthal syndrome and food additive hypersensitivity.

Comparison of the toxicity of cinnamaldehyde when administered by microencapsulation in feed or by corn oil gavage.

Mechanism of cytotoxicity of paraquat. III. The effects of acute paraquat exposure on the electron transport system in rat mitochondria.

A fatal case of paraquat poisoning in a Nigerian.

Comparative study of plant growth hormone (herbicide) toxicity in various biological subjects.

Effect of sulfhydryl compounds and glutathione depletion on rat heart myocyte toxicity induced by 4-hydroperoxycyclophosphamide and acrolein in vitro.

Ifosfamide metabolite chloroacetaldehyde causes Fanconi syndrome in the perfused rat kidney.

Primary and immortalized (BEAS 2B) human bronchial epithelial cells have significant antioxidative capacity in vitro.

Sclerodermatous syndrome after occupational exposure to herbicides--response to systemic steroids.

Effects of atrazine on reproductive performance in the rat.

Survival of paraquat intoxication complicated with mediastinal emphysema: a case report.

[Toxicological and hygienic monitoring and toxico-metric assessment of consequences of exposure to herbicides in agricultural enterprises].

Arsenic-related Bowen's disease and paraquat-related skin cancerous lesions show no detectable ras and p53 gene alterations.

[Kidney disorders caused by organic toxic substances].

Chronic effects of atrazine on estrus and mammary tumor formation in female Sprague-Dawley and Fischer 344 rats.

The site of elevated vascular resistance in early paraquat lungs: a morphometric study of pulmonary arteries.

Acute 2,4-dichlorophenoxyacetic acid intoxication in cattle.

Effect of selenium deficiency and glutathione-modulating agents on diquat toxicity and lipid peroxidation in rats.

Chronic histopathological effects of parathion and 2,4-D on female gonads of *Chasmagnathus granulata* (Decapoda, Brachyura).

[Pathologic characteristics of diffuse alveolar damage induced by paraquat in rat lungs].

Effect of aldehyde dehydrogenase and alcohol dehydrogenase inhibitors and ethanol on blood and liver ketone bodies in the rat.

Statistical variability: what does it mean in risk assessment?

Nitric oxide as a mediator of oxidant lung injury due to paraquat.

[A complex of symptoms].

Cyclooxygenase and lipoxygenase inhibition by BW-755C reduces acrolein smoke-induced acute lung injury.

Paraquat poisoning by skin absorption: report of two cases.

Neurodegeneration produced by intrahippocampal injection of paraquat is reduced by systemic administration of the 21-aminosteroid U74389F in rats.

Comparison of effects of margarite extract and recombinant human superoxide dismutase on paraquat-induced superoxide anion radicals in rat lung.

Mortality and cancer morbidity of Finnish chlorophenoxy herbicide applicators: an 18-year prospective follow-up.

Persistent respiratory health effects after a metam sodium pesticide spill.

Atrazine toxicity on hydromineral balance of fish, *Tilapia mossambicus*.

Nematode test to estimate the hazard potential of solved contaminations.

Oxidative mutagens induce intrachromosomal recombination in yeast.

Superoxide dismutase (*sod-1*) null mutants of *Neurospora crassa*: oxidative stress sensitivity, spontaneous mutation rate and response to mutagens.

Interactions of herbicides 2,4-D and dinoseb with liver mitochondrial bioenergetics.

Remodeling of the alveolar structure in the paraquat lung of humans: a morphometric study.

Patterns of sensitivity to cadmium and pentachlorophenol among nematode species from different taxonomic and ecological groups.

Studies on the neuromuscular blocking action of commercial paraquat in mouse phrenic nerve-diaphragm.

Effects of lethal and sublethal concentrations of the herbicide, triclopyr butoxyethyl ester, in the diet of zebra finches.

Evaluation of ocular health among alachlor manufacturing workers.

[Allergic diseases caused by pesticides: 3 case reports].

Diagnosis and treatment of soft tissue sarcomas in adults.

Quaternary ammonium compounds.

Phenoxyacetates.

Substituted ureas.

Triazines.

Carbamate herbicides and fungicides.

Nitric oxide mediates oxidant tissue injury caused by paraquat and xanthine oxidase.

Diquat- and acetaminophen-induced alterations of biliary efflux of iron in rats.

Regulation of antioxidant enzymes in lung after oxidant injury.

[Methemoglobinemia induced by sodium chlorate: value of hyperbaric oxygen therapy].

Neurologic health outcomes and Agent Orange: Institute of Medicine report.

Bilateral spontaneous pneumothoraces, pneumopericardium, pneumomediastinum, and subcutaneous emphysema: a rare presentation of paraquat intoxication.

Exposure to phenoxyacetic acids, chlorophenols, or organic solvents in relation to histopathology, stage, and anatomical localization of non-Hodgkin's lymphoma.

Selective myelotoxicity of propanil.

Chloracne, palmoplantar keratoderma and localized scleroderma in a weed sprayer.

Potentiation of oxidant-induced toxicity in hamster lung slices by dimethylthiourea.

Effect of ethanol on paraquat toxicity in F344 rats.

Toxicological assessment of biotransformation products of pentachlorophenol: Tetrahymena population growth impairment.

Canine exposure to herbicide-treated lawns and urinary excretion of 2,4-dichlorophenoxyacetic acid.

Dose-response assessment of airborne methyl isothiocyanate (MITC) following a metam sodium spill.

Evidence for redox cycling of diquat in rat small intestine.

Fatal overdose of 2,4-dichlorophenoxyacetic acid (2,4-D).

Acute intramuscular injection of oils or the oleic acid component protects mice against paraquat lethality.

Delayed and severe toxicities of a herbicide containing glufosinate and a surfactant.

Non-Hodgkin's lymphoma and agricultural practices in the prairie provinces of Canada.

Deaths from pesticide poisoning in England and Wales: 1945-1989.

Comparison of two methods for determining the toxicokinetics of fluazifop-butyl after intravenous dosing in rats.

[Alteration of lipid peroxidation and the activity of peroxide metabolism enzymes in the liver, kidney and lung following the administration of paraquat in mice].

Risk of testicular cancer associated with surrogate measures of Agent Orange exposure among Vietnam veterans on the Agent Orange Registry.

Metabolic alterations in hepatocytes promoted by the herbicides paraquat, dinoseb and 2,4-D.

[Paraquat lung].

Inhaled nitric oxide in advanced paraquat intoxication.

Direct detection of the intracellular formation of carboxyphosphamides using nuclear magnetic resonance spectroscopy.

Aldehyde dehydrogenase and cytotoxicity of purified bovine serum amine oxidase and spermine in Chinese hamster ovary cells.

The effects of mustard gas, ionizing radiation, herbicides, trauma, and oil smoke on US military personnel: the results of veteran studies.

Methemoglobinemia following ingestion of a monolinuron/paraquat herbicide (Gramonol).

Assessment of oxidative stress to eye in animal model for cataract.

Paraquat poisoning. "State of the art".

Free radicals in the pathophysiology of pulmonary injury and disease.

Detection of oxygen-derived radicals in biological systems using electron spin resonance.

Comparison of dibenzodioxin levels in blood and milk in agricultural workers and others following pentachlorophenol exposure in China.

Histochemical demonstration of hydrogen peroxide production by leukocytes in fixed-frozen tissue sections of inflammatory lesions.

A role for thyroid hormones in cold-induced elevation of blood pressure and cardiac hypertrophy.

A survey of actinic keratoses among paraquat production workers and a nonexposed friend reference group.

Free radical mechanisms for chromosomal instability in Bloom's syndrome.

The acute effects of alcohol and acetaldehyde on cardiac nucleotide levels.

Reactive oxygen metabolite-induced toxicity to cultured bovine endothelial cells: status of cellular iron in mediating injury.

Role of iron and glutathione redox cycle in acetaminophen-induced cytotoxicity to cultured rat hepatocytes.

Toxicity of ifosfamide, cyclophosphamide and their metabolites in renal tubular cells in culture.

Kinetic studies on the removal of extracellular hydrogen peroxide by cultured fibroblasts.

Indolo[3,2-b]carbazole: a dietary-derived factor that exhibits both antiestrogenic and estrogenic activity.

Inhibition of degranulation of polymorphonuclear leukocytes by angiogenin and its tryptic fragment.

Short-term toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in laboratory animals: effects, mechanisms, and animal models.

Antibodies to collagen: comparative epitope mapping in women with silicone breast implants, systemic lupus erythematosus and rheumatoid arthritis.

The importance of biological realism in dioxin risk assessment models.

Inhibition of mammalian protoporphyrinogen oxidase by acifluorfen.

[Treatment with prophylactic doses of ferrous sulphate as an intervention measure in the campaign++ against iron deficiency in children cared for in basic health units].

[Respiratory disease in the tertiary emergency hospital].

Characterization of a triple opioid system in the human neuroblastoma NMB cell line.

Growth of erythroid colonies in chronic myelogenous leukemia is independent of erythropoietin only in the presence of steel factor.

Acycloguanosine and herbimycin A co-operatively inhibit proliferation and induce erythrodifferentiation of human myeloid leukemia K562 cells.

Mammalian toxicology of organophosphorus pesticides.

Alveolar epithelial composition and architecture of the late fetal pulmonary acinus: an immunocytochemical and morphometric study in a rat model of pulmonary hypoplasia and congenital diaphragmatic hernia.

Subchronic (13-week) toxicity of heptachlorodibenzo-p-dioxin in male Sprague-Dawley rats.

[Mechanisms for cell damage in acute pancreatitis using isolated acinar cells].

Stressor-specific induction of heat shock proteins in rat hepatoma cells.

Total and specific IgE levels in human hydatid disease determined by enzyme immunoassay: serological follow-up after surgery.

[Erythropoietin].

Integrin alpha v beta 3 differentially regulates adhesive and phagocytic functions of the fibronectin receptor alpha 5 beta 1.

T cell regulation of collagen-induced arthritis in mice. III. Is T cell vaccination a valuable therapy?

The role of DNA damage in the resistance of human chronic myeloid leukemia cells to cyclophosphamide analogues.

TCDD carcinogenicity in humans.

Tyrosine kinase activation by Newcastle disease virus is required for TNF-alpha gene induction in astrocytes.

Modelling of human acute toxicity from physicochemical properties and non-vertebrate acute toxicity of the 38 organic chemicals of the MEIC priority list by PLS regression and neural network.

Regulation of [Ah] gene battery enzymes and glutathione levels by 5,10-dihydroindeno[1,2-b]indole in mouse hepatoma cell lines.

Menière's disease: role of antibodies against basement membrane antigens.

Therapy with recombinant human erythropoietin in patients with myelodysplastic syndromes.

Extracellular matrix remodeling after balloon angioplasty injury in a rabbit model of restenosis.

In vitro phototoxic activities of new quinolone antibacterial agents: lipid peroxidative potentials.

Polymorphonuclear leukocytes increase glomerular albumin permeability via hypohalous acid.

Aftermath of a chemical spill: psychological and physiological sequelae.

Can cohort studies detect any human cancer excess that may result from exposure to dioxin? Maybe.

Reaction of inflamed periapical tissue to intracanal medicaments and root canal sealers.

Treatment of methyl bromide poisoning with haemodialysis.

Neurotoxins: a neuroscience nursing challenge.

Psychological, psychosocial, and psychophysiological sequelae in a community affected by a railroad chemical disaster.

Dust exposure indices and lung function changes in longshoremen and dock workers.

Possible functional groups responsible for inhibition of in vivo angiogenesis by herbimycin A.

A protective effect of glutathione-dextran macromolecular conjugates on acetaminophen-induced hepatotoxicity dependent on molecular size.

A case of germinal center formation by CD45RO T and CD20 B lymphocytes in rheumatoid arthritic subchondral bone: proposal for a two-compartment model of immune-mediated disease with implications for immunotherapeutic strategies.

[Shock caused by poisoning. Use of cardiotropic agents].

Evidence for involvement of tyrosine phosphorylation in taxol-induced apoptosis in a human ovarian tumor cell line.

Comparative in vitro effects of sodium arsenite and sodium arsenate on neuroblastoma cells.

Bronchial necrosis and granuloma induced by the aspiration of a tablet of ferrous sulphate.

The effects of iron supplementation during pregnancy, given by traditional birth attendants, on the prevalence of anaemia and malaria.

Survey of health and use characterization of pesticide applicators in Minnesota.

Mortality among workers of three thermoelectric power plants in northern Italy: a retrospective cohort study.

[Assessment of iron absorption in children with chronic renal insufficiency].

Detection of apoptosis in leukemic and breast cancer cells with monoclonal antibody to single-stranded DNA.

Cytoplasmic transfer of the mtDNA nt 8993 T→G (ATP6) point mutation associated with Leigh syndrome into mtDNA-less cells demonstrates cosegregation with a decrease in state III respiration and ADP/O ratio.

Fighting myths.

Time-response necessary in validation for extraction of pesticides from cloth patches used in field exposure studies.

Alteration of intracellular Ca²⁺ transients in COS-7 cells transfected with the cDNA encoding skeletal-muscle ryanodine receptor carrying a mutation associated with malignant hyperthermia.

Acute inflammatory response to sheep red blood cells in mice treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin: the role of proinflammatory cytokines, IL-1 and TNF.

Toxic potency of 3,3',4,4',5-pentachlorobiphenyl relative to and in combination with 2,3,7,8-tetrachlorodibenzo-p-dioxin in a subchronic feeding study in the rat.

Iron deficiency in two adolescents with conduct, dysthymic and movement disorders.

Deaths from primary brain cancers, lymphatic and haematopoietic cancers in agricultural workers in the Republic of Ireland.

The use of zinc protoporphyrin in screening young children for iron deficiency.

Cancer incidence and mortality among Swedish leather tanners.

Radiographic and microbiologic evaluation of posttreatment apical and periapical repair of root canals of dogs' teeth with experimentally induced chronic lesion.

Erythropoietin increases hemoglobin during radiation therapy for cervical cancer.

Synthesis and tissue biodistribution of [ω -¹¹C]palmitic acid. A novel PET imaging agent for cardiac fatty acid metabolism.

Surveillance for emergency events involving hazardous substances--United States, 1990-1992.

Activation of protein kinase C down-regulates leukotriene C₄ synthase activity and attenuates cysteinyl leukotriene production in an eosinophilic substrain of HL-60 cells.

Morbidity follow up study of BASF employees exposed to 2,3,7, 8-tetrachlorodibenzo-p-dioxin (TCDD) after a 1953 chemical reactor incident.

Psychological characteristics and subjective intolerance for xenobiotic agents of normal young adults with trait shyness and defensiveness. A parkinsonian-like personality type?

Iron supplementation in children after cardiopulmonary bypass for surgical repair of congenital heart disease.

Fc epsilon RI-stimulated Ca(2+)-dependent secretion from rat basophilic leukemia (RBL-2H3) cells permeabilized with Staphylococcal alpha-toxin: Fc epsilon RI-operated signals are not mimicked by the actions of GTP gamma S.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on pulmonary influenza virus titer and natural killer (NK) activity in rats.

Protein binding of itraconazole and fluconazole in patients with chronic renal failure.

Time to discontinue the use of solutions A and B as a cyanide 'antidote'.

Increased in vitro tumour necrosis factor-alpha production in iron deficiency anemia.

Effect of ethanol and sodium arsenite on HSP-72 formation and on survival in a murine endotoxin model.

Effect of scavengers of active oxygen species on cell damage caused in CHO-K1 cells by phenylhydroquinone, an o-phenylphenol metabolite.

Tyrosine kinase inhibitor-induced differentiation of K-562 cells: alterations of cell cycle and cell surface phenotype.

Posttranslational sulfation of factor V is required for efficient thrombin cleavage and activation and for full procoagulant activity.

Toxic potency of 2,3,3',4,4',5-hexachlorobiphenyl relative to and in combination with 2,3,7,8-tetrachlorodibenzo-p-dioxin in a subchronic feeding study in the rat.

Urea-derived cyanate forms epsilon-amino-carbamoyl-lysine (homocitrulline) in leukocyte proteins in patients with end-stage renal disease on peritoneal dialysis.

Postischemic inhibition of cerebral cortex pyruvate dehydrogenase.

Bioavailability of iron from oral ferric polymaltose in humans.

Treatment of deeply infiltrating endometriosis.

Tendon degeneration and chronic shoulder pain: changes in the collagen composition of the human rotator cuff tendons in rotator cuff tendinitis.

Apoptosis and chemical carcinogenesis.

Effects of 2,3,7,8-tetrachloro- and 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin on the proliferation of preneoplastic liver cells in the rat.

Carcinogenesis and initiation of cell cycling by charge-induced membrane clusters may be due to mitogen receptors and Na⁺/H⁺ antiports.

Enalapril reduces collagen type IV synthesis and expansion of the interstitium in the obstructed rat kidney.

The function of heat-shock proteins in stress tolerance.

Sodium arsenite induces heat shock protein-72 kilodalton expression in the lungs and protects rats against sepsis.

Effects of various drugs (staurosporine, herbimycin A, ketotifen, theophylline, FK506 and cyclosporin A) on eosinophil viability.

Coxsackievirus B3 infection alters the uptake of 2,3,7,8-tetrachlorodibenzo-p-dioxin into various tissues of the mouse.

An increased percentage of long amyloid beta protein secreted by familial amyloid beta protein precursor (beta APP717) mutants.

Adverse effect of iron supplementation on weight gain of iron-replete young children.

Mutation in the COL2A1 gene in a patient with hypochondrogenesis. Expression of mutated COL2A1 gene is accompanied by expression of genes for type I procollagen in chondrocytes.

Possible risk of endometriosis for Seveso, Italy, residents: an assessment of exposure to dioxin.

Radiopacity study of extended-release formulations using digitalized radiography.

Craniofacial surgery in the Jehovah's Witness patient.

Iron supplementation improves appetite and growth in anemic Kenyan primary school children.

Failure of recombinant human interleukin-3 therapy to induce erythropoiesis in patients with refractory Diamond-Blackfan anemia.

Post mortem diagnosis of Mycobacterium bovis infection in cattle.

Anaemia, iron deficiency and malaria in a rural community in Brazilian Amazon.

Leukemia mortality and farming in the prairie provinces of Canada.

Antenatal glucocorticoid corrects pulmonary immaturity in experimentally induced congenital diaphragmatic hernia in rats.

Identification of antibody epitopes in the CB-11 peptide of bovine type II collagen recognized by sera from arthritis-susceptible and -resistant rhesus monkeys.

Benzo[a]pyrene-resistant MCF-7 human breast cancer cells. A unique aryl hydrocarbon-nonresponsive clone.

Cell proliferation status, cytokine action and protein tyrosine phosphorylation modulate leukotriene biosynthesis in a basophil leukaemia and a mastocytoma cell line.

Severe iron deficiency anaemia in Fiji children.

[Methanol poisoning in alcohol abusers].

An epidemic ignored. Endometriosis linked to dioxin and immunologic dysfunction.

Functional consequences of iron supplementation in iron-deficient female cotton mill workers in Beijing, China.

A cellular factor stimulates ligand-dependent release of hsp90 from the basic helix-loop-helix dioxin receptor.

Induction of heat-shock protein synthesis and thermotolerance in EL-4 ascites tumor cells by transient ATP depletion after ischemic stress.

Receptor-mediated binding of IgE-sensitized rat basophilic leukemia cells to antigen-coated substrates under hydrodynamic flow.

Identification of heat shock proteins binding to an immunodominant uveitopathogenic peptide of IRBP.

Iron deficiency and infant development.

Evaluation of porphyria cutanea tarda in U.S. workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Evidence that c-src is involved in the process of osteoclastic bone resorption.

Potent activation of phospholipase D by phenylarsine oxide in rat basophilic leukemia (RBL-2H3) cells.

Characterization of the T cell determinants in the induction of autoimmune arthritis by bovine alpha 1(II)-CB11 in H-2q mice.

Effects of herbimycin A and ST638 on Fc epsilon receptor-mediated histamine release and Ca²⁺ signals in rat basophilic leukemia (RBL-2H3) cells.

Effects of herbimycin A and its derivatives on growth and differentiation of Ph1-positive acute lymphoid leukemia cell lines.

[Effect of iron deficiency on attention capacity among school children].

Effect of herbimycin A, an inhibitor of tyrosine kinase, on protein tyrosine kinase activity and phosphotyrosyl proteins of Ph1-positive leukemia cells.

Regulation of human dioxin receptor function by indolocarbazoles, receptor ligands of dietary origin.

On the formation of neuromata in the primary olfactory projection.

[Determination of serum ferritin: ideas for avoiding induced ferropenia in blood donors].

Effects of oral iron therapy on serum copper and serum ceruloplasmin in children.

TCDD-induced hypophagia is not explained by nausea.

Developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the most TCDD-resistant and -susceptible rat strains.

Induction of a heat shock response (HSP 72) in rat embryos exposed to selected chemical teratogens.

High passage T47D human breast cancer cells: altered endocrine and 2,3,7,8-tetrachlorodibenzo-p-dioxin responsiveness.

Difference in energy metabolism between fresh and warm ischemic canine pancreases during preservation by the two-layer method.

Human intestinal alkaline phosphatase-binding IgG in patients with severe bacterial infections.

Dose-response relationship in multistage carcinogenesis: promoters.

Multiple mechanisms are responsible for altered expression of gap junction genes during oncogenesis in rat liver.

[High altitude anemia: validity of definition criteria].

Neuropsychological sequelae of methyl bromide: a case study.

Surveillance of hazardous substance releases and related health effects.

Age- and feeding-dependent production of carbonyl compounds in hypoxic heart. The role of carbonyls produced in connective tissue modification.

Porphyrin studies in TCDD-exposed workers.

Liver iron quantification: studies in aqueous iron solutions, iron overloaded rats, and patients with hereditary hemochromatosis.

Histochemical demonstration of free radicals (H₂O₂) in ischemic brain edema and protective effects of human recombinant superoxide dismutase on ischemic neuronal damage.

Evidence for the role of the Ah receptor in response to dioxin.

Combining estimates of the odds ratio: the state of the art.

Thyroid hormones and regulation of cell reliability systems.

The rice culture filtrate of *Bacillus cereus* isolated from emetic-type food poisoning causes mitochondrial swelling in a HEp-2 cell.

[A comparative study of the effectiveness of iron preparations in the treatment of iron deficiency anemias in pregnant women].

[Effect of organic solvents on functional nervous system disorders].

Tumor necrosis factor involvement in the toxicity of TCDD: the role of endotoxin in the response.

[Prevention of infectious endocarditis].

Relationship between acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and disturbance of intermediary metabolism in the Long-Evans rat.

Hodgkin's and non-Hodgkin's lymphomas.

Mechanisms of chemical injury of thyroid gland.

A targeting model of boron neutron-capture therapy to hepatoma cells in vivo with a boronated anti-(alpha-fetoprotein) monoclonal antibody.

Are oxygen radicals implicated in the calcium paradox of the rat heart?

NTP Toxicology and Carcinogenesis Studies of 4,4'-Thiobis(6-*t*-butyl-*m*-cresol) (CAS No. 96-69-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Inhibition of protein tyrosine phosphorylation prevents T-cell-mediated cytotoxicity.

Altered impulse activity modifies synaptic physiology and mitochondria in crayfish phasic motor neurons.

Endothelin-1 stimulates cytosolic phospholipase A2 activity and gene expression in rat glomerular mesangial cells.

Influence of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD) on TNF- α levels in the skin of congenic haired and hairless mice.

Posttraumatic stress disorder and the risk of traumatic deaths among Vietnam veterans.

Induction in vitro of 72-kD heat shock protein in a continuous culture of rat thyroid cells, FRTL5.

Laboratory results for selected target organs in 138 individuals occupationally exposed to TCDD.

Effect on tissue vitamin A levels in the rat following subchronic exposure to four individual PCB congeners (IUPAC 77, 118, 126, and 153).

Iron induces lipid peroxidation in cultured macrophages, increases their ability to oxidatively modify LDL, and affects their secretory properties.

Characterisation of oxidative injury to an intestinal cell line (HT-29) by hydrogen peroxide.

Heat shock-induced cell death in murine microvascular endothelial cells depends on priming with tumor necrosis factor- α or interferon- γ .

Identification of a biochemical lesion, and characteristic response to lipopolysaccharide (LPS) of a cultured macrophage-like cell mutant with defective LPS-binding.

Role of ATP and sodium in polyamine transport in bovine pulmonary artery smooth cells.

Cytotoxicity of chlorophenols to goldfish GFS cells with the MTT and LDH assays.

Accumulation of polychlorinated dibenzo-*p*-dioxins and dibenzofurans in liver of control laboratory rats.

Systemic or local administration of azide produces striatal lesions by an energy impairment-induced excitotoxic mechanism.

Iron-induced fluorescence in the retina: dependence on vitamin A.

Detection of oxidation products in individual neurons by fluorescence microscopy.

Evidence of two mechanisms of prostaglandin release in an in vitro model of muscle damage. Possible therapeutic implications.

[Colony formation of mouse primitive hemopoietic progenitors with interleukin-6 and phorbol ester, and their signal transduction].

Lack of response of the rat liver "class 3" cytosolic aldehyde dehydrogenase to toxic chemicals, glutathione depletion, and other forms of stress.

Biochemical mechanism of irreversible cell injury caused by free radical-initiated reactions.

Comparative study of the hepatoprotective effect of silymarin and silybin on isolated rat hepatocytes.

Role of neutrophils and nitric oxide in lung alveolar injury from smoke inhalation.

Pathological findings in rabbits and sheep following the subacute administration of triphenyltin acetate.

Suspected paediatric pesticide poisoning in the UK. II--Home Accident Surveillance System 1989-1991.

Suspected paediatric pesticide poisoning in the UK. I--Home Accident Surveillance System 1982-1988.

Nuclear-organelle interactions: the immutans variegation mutant of Arabidopsis is plastid autonomous and impaired in carotenoid biosynthesis.

Thiol reducing agents modulate induced apoptosis in porcine endothelial cells.

Ecotoxicological studies with the freshwater rotifer *Brachionus calyciflorus*. IV. Rotifer behavior as a sensitive and rapid sublethal test criterion.

Dithio-bis-mercaptoethanesulphonate (DIMESNA) does not prevent cellular damage by metabolites of ifosfamide and cyclophosphamide in LLC-PK1 cells.

A proteolytic activity enhanced by arsenite in Chinese hamster ovary cells: possible involvement in arsenite-induced cell killing.

Inhibitory Effects of Turf Pesticides on *Bacillus popilliae* and the Prevalence of Milky Disease.

A deficiency for nucleotide excision repair strongly potentiates the mutagenic effectiveness of methyl bromide in *Drosophila*.

Specific determination of cyanide in blood by headspace gas chromatography.

Effect of pretreatment of rats with uracil on liver injuries induced by D-galactosamine and allyl alcohol.

K(+)-linked release of oxidized glutathione induced by tert-butyl hydroperoxide in perfused rat liver is independent of lipid peroxidation and cell death.

VIP enhances and nitric oxide synthase inhibitor reduces survival of rat lungs perfused ex vivo.

Congener-specific data of polychlorinated biphenyl residues in human adipose tissue in Poland.

Oxidative stress-induced apoptosis prevented by Trolox.

Cross-linking of dermal collagen induced by singlet oxygen.

Acetaldehyde exposure causes growth inhibition in a Chinese hamster ovary cell line that expresses alcohol dehydrogenase.

Cyclosporine enhances the synthesis of selected extracellular matrix proteins by renal cells "in culture". Different cell responses and phenotype characterization.

Inhibition of energy metabolism alters the processing of amyloid precursor protein and induces a potentially amyloidogenic derivative.

Ah receptor in embryonic mouse palate and effects of TCDD on receptor expression.

The anti-tumour activity of ifosfamide on heterotransplanted testicular cancer cell lines remains unaltered by the uroprotector mesna.

Mechanisms of impaired hepatic fatty acid metabolism in rats with long-term bile duct ligation.

Stimulation of collagen alpha 1(I) gene expression is associated with lipid peroxidation in hepatocellular injury: a link to tissue fibrosis?

Hepatic uptake and metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,7,8-tetrachlorodibenzofuran.

The effect of Chinese hepatoprotective medicines on experimental liver injury in mice.

The interaction of immunosuppressive compounds in tandem stimulated peripheral human lymphocytes.

Role of P-selectin and leukocyte activation in polymorphonuclear cell adhesion to surface adherent activated platelets under physiologic shear conditions (an injury vessel wall model).

The substituted benzimidazolone NS004 is an opener of the cystic fibrosis chloride channel.

Acetylsalicylate (ASA)-induced mitochondrial dysfunction and its potentiation by Ca²⁺.

Comparative cytotoxicity between butylated hydroxytoluene and its methylcarbamate derivative, terbucarb, on isolated rat hepatocytes.

[Synthesis, function, and evolutionary origin of secondary metabolites produced by micro-organisms].

Modified par j I allergen from P judaica pollen and its rate of absorption in rats.

Isolation and characterization of a novel acetyl-CoA carboxylase kinase from rat liver.

Investigation of dirithromycin and erythromycylamine uptake by human neutrophils in vitro.

Protection by ascorbic acid against oxidative injury of isolated hepatocytes.

Purification and characterization of bothrombin, a fibrinogen-clotting serine protease from the venom of Bothrops jararaca.

Geographical distribution of organochlorine contaminants and reproductive parameters in Herring Gulls on Lake Superior in 1983.

Acute cytotoxicity of ten chemicals in human and rat cultured hepatocytes and in cell lines: Correlation between in vitro data and human lethal concentrations.

Controversial role of intracellular iron in the mechanisms of chemically-induced hepatotoxicity.

The effects of anti-TNF-alpha antibody and dexamethasone on TCDD-induced oxidative stress in mice.

Biotests using unicellular algae and ciliates for predicting long-term effects of toxicants.

Dithiothreitol reversal of allyl alcohol cytotoxicity in isolated rat hepatocytes.

Effect of Paraquat Administration on Antioxidative Enzyme Activities and Oxidative Damage in the Blood and Liver of Senescence-accelerated Mice.

Dietary and environmental estrogens and antiestrogens and their possible role in human disease.

NTP Toxicology and Carcinogenesis Studies of o-Benzyl-p-Chlorophenol (CAS No. 120-32-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Intracellular calcium and pH as sensitive parameters of toxicity in neural cell culture.

Mechanism of riboflavine uptake by Caco-2 human intestinal epithelial cells.

Cyclophosphamide-induced lung toxicity: mechanism of endothelial cell injury.

Dose-response relationships in mice following subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: CYP1A1, CYP1A2, estrogen receptor, and protein tyrosine phosphorylation.

Lipid peroxidation and oxidative stress during acute allylamine-induced cardiovascular toxicity.

Obesity decreases hepatic glutathione concentrations and markedly potentiates allyl alcohol-induced periportal necrosis in the overfed rat.

Dose-dependent disposition of sodium arsenate in mice following acute oral exposure.

Aryl hydrocarbon or dioxin receptor: biologic and toxic responses.

Pharmacological classification and renal actions of diuretics.

Toxicology of selected nitric oxide-donating xenobiotics, with particular reference to azide.

[The assessment of combined exposure to radiation and chemical factors based on the study of the morbidity of personnel in radiation-chemical manufacture].

Allyl alcohol cytotoxicity in isolated rat hepatocytes: mechanism of cell death does not involve an early rise in cytosolic free calcium.

Effect of low-intensity argon laser irradiation on mitochondrial respiration.

Lack of alachlor induced DNA damage as assayed in rodent liver by the alkaline elution test.

Permeability changes in the blood-brain barrier of neonate and adult rats after thiobencarb exposure.

AB5046A and B, novel chlorosis-inducing substances from *Nodulisporium* sp.

Mortality in forestry and construction workers in Finland.

An update of mortality among chemical workers potentially exposed to the herbicide 2,4-dichlorophenoxyacetic acid and its derivatives.

Arsenic poisoning in central Kentucky: a case report.

[The place of pentachlorophenol in general medicinal practice].

Cancer incidence and mortality in women occupationally exposed to chlorophenoxy herbicides, chlorophenols, and dioxins.

A serine-to-threonine substitution in the triazine herbicide-binding protein in potato cells results in atrazine resistance without impairing productivity.

Human pentachlorophenol poisoning.

Non-Hodgkin's lymphoma in the older person: a review.

The interaction of 2,4-dichlorophenoxyacetic acid, ribosomes and polyamines in *Azospirillum brasilense*.

Bronchiectasis in a child after acrolein inhalation.

Hepatic alterations in experimental paraquat intoxication.

Neonatal exposure to paraquat or MPTP induces permanent changes in striatum dopamine and behavior in adult mice.

Viral infections and chemical exposures as risk factors for hepatocellular carcinoma in Vietnam.

Risk factors for Parkinson's disease.

Risk factors in young-onset Parkinson's disease.

Acrolein-induced injury to cultured pulmonary artery endothelial cells.

[Binding of toxic substances and suppression of their toxicities by albumin--studies on psychosine and pentachlorophenol].

Groundwater pesticides: interactive effects of low concentrations of carbamates aldicarb and methomyl and the triazine metribuzin on thyroxine and somatotropin levels in white rats.

Some occupational exposures as risk factors for malignant lymphomas.

Phototoxic contact dermatitis with toxic hepatitis due to the percutaneous absorption of paraquat.

The role of agricultural pesticide use in the development of non-Hodgkin's lymphoma in women.

Induction of hepatic drug metabolizing enzymes and interaction with carbon tetrachloride in rats after a single oral exposure to atrazine.

The pneumotoxicant paraquat induces IL-8 mRNA in human mononuclear cells and pulmonary epithelial cells.

The toxicologic interactions resulting from inhalation of carbon black and acrolein on pulmonary antibacterial and antiviral defenses.

Paraquat causes chronic ocular surface toxicity.

Effects of 2,4-dichlorophenoxyacetic acid (2,4-D) on open-field behaviour and neurochemical parameters of rats.

Effect of in vitro exposure to acrolein on carbachol responses in rat trachealis muscle.

A health survey of workers in the pentachlorophenol section of a chemical manufacturing plant.

Implications for the presence of transforming genes in gonadal tumors in two bivalve mollusk species.

Genotoxic and teratogenic effect of pentachlorophenol, pollutant present in continental water bodies in the south of Chile.

[Fatal poisoning with paraquat: report of a new case].

Herbicides to curb human parasitic infections: in vitro and in vivo effects of trifluralin on the trypanosomatid protozoans.

Paraquat.

Effects of carbon tetrachloride, menadione, and paraquat on the urinary excretion of malondialdehyde, formaldehyde, acetaldehyde, and acetone in rats.

Expression of human Mn SOD in Chinese hamster ovary cells confers protection from oxidant injury.

Parkinson's disease: a test of the multifactorial etiologic hypothesis.

[Some parameters of Guerin cancer growth after exposure to Pielik (sodium salt of 2,4-dichlorophenoxyacetate)].

Effects of paraquat on Mg(2+)-ATPase activity in rat liver.

Thiol status and cytopathological effects of acrolein in normal and xeroderma pigmentosum skin fibroblasts.

N-acetylcysteine delays the infiltration of inflammatory cells into the lungs of paraquat-intoxicated rats.

Cancer in phenoxy herbicide manufacturing workers in Denmark, 1947-87--an update.

Mutagenic and carcinogenic pesticides used in the agricultural environment of Gaza Strip.

A review of potential human carcinogenicity of the chlorophenoxy herbicides MCPA, MCPP, and 2,4-DP.

Effects on thyroid hormone metabolism and depletion of lung vitamin A in rats by airborne particulate matter.

Haemotoxic effect of phenylurea herbicides in rats: role of haemoglobin-adduct formation in splenic toxicity.

Role of the herbicide atrazine in the development of non-Hodgkin's lymphoma.

[Experimental research on the toxicity of the product orthochlorobenzene sulfur chloride].

Acute and subacute toxicity of atrazine to carp (*Cyprinus carpio* L.).

[Intoxications by a weedkiller preparation containing glyphosate].

Cell proliferation in the respiratory tract of the rat after acute inhalation of formaldehyde or acrolein.

Neurotoxicity of 2,4-dichlorophenoxyacetic butyl ester in chick embryos.

Toxicological and immune findings in workers exposed to pentachlorophenol (PCP).

An epidemiological study of the health of Sri Lankan tea plantation workers associated with long term exposure to paraquat.

Nitrofen-induced congenital diaphragmatic defects in CD1 mice.

Occupational exposure to phenoxy herbicides and chlorophenols and cancer mortality in The Netherlands.

Evaluation of acute immunotoxicity of alachlor in male F344/N rats.

Atrazine in plasma and tissue following atrazine-aminotriazole-ethylene glycol-formaldehyde poisoning.

Kinetics of toxic doses of paraquat and the effects of hemoperfusion in the dog.

[Acute oral toxicity of bentazon, an herbicide developed in Czechoslovakia, in pheasants and rabbits and the clinical symptoms of poisoning].

Endoscopic evaluation of paraquat-induced upper gastrointestinal injury.

Community exposure to a paraquat drift.

Role of free radicals in toxic hepatic injury. II. Are free radicals the cause of toxin-induced liver injury?

Allergic contact dermatitis from the herbicide Alachlor.

[Accidental paraquat poisoning].

Renal lesions induced in F344/DuCrj rats by 4-weeks oral administration of dimethylarsinic acid.

High-dose chemotherapy-induced platelet defect: inhibition of platelet signal transduction pathways.

Patterns of pesticide use among farmers: implications for epidemiologic research.

Organophosphate poisoning.

Ascorbate radical levels in human sera and rat plasma intoxicated with paraquat and diquat.

Ocular injury caused by Preeglox-L, a herbicide containing paraquat, diquat and surfactants.

Reproductive risks from contaminants in drinking water.

Environmental fate and effects of dicamba: a Canadian perspective.

Immunohistochemical localization and dynamics of paraquat in the stomach and esophagus of rats.

Morphological pattern of the hypothalamo-neurohypophyseal system in acute intoxication with 2,4-dichlorophenoxyacetic acid [2,4-D].

[Cytokines and pulmonary fibroses].

The protective effect of heat stress against reperfusion arrhythmias in the rat.

Alterations of peroxisomal function in ischemia-reperfusion injury of rat kidney.

Paraquat-induced lung injury: prevention by vasoactive intestinal peptide and related peptide helodermin.

Role of catalase and heat shock protein on recovery of cardiac endothelial and mechanical function after ischemia.

The analysis of ifosfamide and its metabolites (review).

Fire fighting: how safe are firefighters.

Hyperbaric oxygen treatment for experimental cyclophosphamide-induced hemorrhagic cystitis.

Body packing with a twist.

Effect of excess alpha-hemoglobin chains on cellular and membrane oxidation in model beta-thalassemic erythrocytes.

Ethanol-induced inhibition of ventricular protein synthesis in vivo and the possible role of acetaldehyde.

Lung growth and maturation in the rat model of experimentally induced congenital diaphragmatic hernia.

Acridine orange-mediated photodamage to cultured cells.

Effect of indomethacin, aspirin, nordihydroguaiaretic acid, and piperonyl butoxide on cyclophosphamide-induced bladder damage.

Hydrogen peroxide production by monoamine oxidase during ischemia-reperfusion in the rat brain.

[The effect of bentazone, an herbicide produced in Czechoslovakia, on the invasiveness of intestinal nematodes in sheep].

c-N-ras is activated infrequently in canine malignant lymphoma.

Intracellular catalase inhibition does not predispose rat heart to ischemia-reperfusion and hydrogen peroxide-induced injuries.

Protective role for neuropeptides in acute pulmonary response to acrolein in guinea pigs.

Detection of paraquat-induced in vivo lipid peroxidation by gas chromatography/mass spectrometry and high-pressure liquid chromatography.

Effect of ifosfamide metabolites on sodium-dependent phosphate transport in a model of proximal tubular cells (LLC-PK1) in culture.

Toxicokinetics and metabolism of linuron in rabbit: in vivo and in vitro studies.

[N-demethylation and denitrosation activity of the rat liver, thymus lymphocytes and spleen after exposure to simazine and sodium nitrite].

Mutation of histidine residues in CP47 leads to destabilization of the photosystem II complex and to impairment of light energy transfer.

Failure of the 5-HT₂ receptor antagonist, ritanserin, to alter preference for alcohol in drinking rats.

PGI₂ production and angiotensin converting enzyme activity in cultured porcine pulmonary artery endothelial cells treated with paraquat.

Eosinophils increase lung microvascular permeability via the peroxidase-hydrogen peroxide-halide system. Bronchoconstriction and vasoconstriction unaffected by eosinophil peroxidase inhibition.

Modulation of the fumarases of *Escherichia coli* in response to oxidative stress.

Lung glutathione reductase induction in aging catalase-depleted frogs correlates with early survival throughout the life span.

Electron spin resonance spin-trapping investigation into the effects of paraquat and desferrioxamine on hydroxyl radical generation during acute iron poisoning.

[Studies on quantitative analysis of paraquat in whole blood--the evaluation of pre-treatments and analytical methods].

Metabolism of 2-chloro-4-methylphenoxyacetate by *Alcaligenes eutrophus* JMP 134.

Evidence for peroxidase-mediated metabolism of cyclophosphamide.

Characterization of amyloid fibril beta-peptide in familial Alzheimer's disease with APP717 mutations.

Imaging of activated natural killer cells in mice by positron emission tomography: preferential uptake in tumors.

Tyrphostin-induced inhibition of p210^{bcr-abl} tyrosine kinase activity induces K562 to differentiate.

Comparison of the pharmacokinetics of 1,2-dimethyl-3-hydroxypyrid-4-one (L1) in healthy volunteers, with and without co-administration of ferrous sulfate, to thalassemia patients.

Protection of the rat jejunal mucosa against oxidative injury by cationized superoxide dismutase.

Kinetics and cellular localisation of putrescine uptake in human lung tissue.

The long term durability of bond strengths to dentin.

New insight into oncoprotein-targeted antitumor effect: herbimycin A as an antagonist of protein tyrosine kinase against Ph1-positive leukemia cells.

Cancer in a young population in a dioxin-contaminated area.

Dose response for TCDD promotion of hepatocarcinogenesis in rats initiated with DEN: histologic, biochemical, and cell proliferation endpoints.

Effect of dietary iron on the course of *Plasmodium berghei* malaria in young rats.

In vitro study of pesticide hematotoxicity in human and rat progenitors.

Hospitalizations due to acute pesticide poisoning in Hong Kong.

Endometriosis in rhesus monkeys (*Macaca mulatta*) following chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Tumor cell heme uptake induces ferritin synthesis resulting in altered oxidant sensitivity: possible role in chemotherapy efficacy.

Expression of cathepsin B and aryl hydrocarbon hydroxylase activities, and of apolipoprotein B in human hepatoma cells maintained long-term in a serum-free medium.

Effect of oral iron therapy on physical growth.

Subchronic toxicity of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats.

Genistein exhibits preferential cytotoxicity to a leukemogenic variant but induces differentiation of a non-leukemogenic variant of the mouse monocytic leukemia Mm cell line.

Superoxide dismutase activity of *Mycobacterium avium* complex (MAC) strains isolated from AIDS patients.

Experimental Parkinson's disease in monkeys. Effect of ergot alkaloid derivative on lipid peroxidation in different brain areas.

Medical hypothesis: xenoestrogens as preventable causes of breast cancer.

[Iron deficiency anemia is not always simple].

Role of p21 RAS in p210 bcr-abl transformation of murine myeloid cells.

TCDD-mediated changes in hepatic epidermal growth factor receptor may be a critical event in the hepatocarcinogenic action of TCDD.

Potential confounding of associations involving occupational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Cancer incidence in a population accidentally exposed to 2,3,7,8-tetrachlorodibenzo-para-dioxin.

[Anticancer agents targeting oncogene products].

Phototoxicity of lumidoxycycline.

Changes in iron status during competitive season in female collegiate swimmers.

Collagen studies in newborn rat kidneys with incomplete ureteric obstruction.

The characteristics, capacity and receptor regulation of inositol uptake in 1321N1 astrocytoma cells.

Dermatitis on construction sites.

The substitution of glycine 661 by arginine in type III collagen produces mutant molecules with different thermal stabilities and causes Ehlers-Danlos syndrome type IV.

Isomer-specific analysis and toxic evaluation of polychlorinated biphenyls in striped dolphins affected by an epizootic in the western Mediterranean sea.

Collagen characterization in volume-overload- and pressure-overload-induced cardiac hypertrophy in minipigs.

A two-generation reproduction study in rats with methyl bromide-fumigated diets.

Pesticide poisonings in Costa Rica.

Angiosarcoma, porphyria cutanea tarda, and probable chloracne in a worker exposed to waste oil contaminated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Thyroxine binding in a TTR Met 119 kindred.

Iron for chronic and persistent akathisia?

Characterization of an arginine 789 to cysteine substitution in alpha 1 (II) collagen chains of a patient with spondyloepiphyseal dysplasia.

Exposure to 2,3,7,8-tetrachlorodibenzo-para-dioxin leads to defective dentin formation and pulpal perforation in rat incisor tooth.

AIDS and agricultural production. Report of a land utilization survey, Masaka and Rakai districts of Uganda.

Inactivation of alpha 1-antitrypsin by aqueous coal solutions: possible relation to the emphysema of coal workers.

Sodium azide protects against ischemia-induced acute renal failure in rats.

Correlation of in vitro and in vivo growth suppression of MCF-7 human breast cancer by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Comparative acute lethality of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), 1,2,3,7,8-pentachlorodibenzo-p-dioxin and 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin in the most TCDD-susceptible and the most TCDD-resistant rat strain.

Liver damage due to free radicals.

BCR/ABL oncoprotein-targeted antitumor activity of antisense oligodeoxynucleotides complementary to bcr/abl mRNA and herbimycin A, an antagonist of protein tyrosine kinase: inhibitory effects on in vitro growth of Ph1-positive leukemia cells and BCR/ABL oncoprotein-associated transformed cells.

T cell epitopes of type II collagen that regulate murine collagen-induced arthritis.

Effects of small doses of dioxins on the immune system of marmosets and rats.

Human health effects of agrichemical use.

Peripheral neuropathy after occupational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Increased formation of 8-hydroxydeoxyguanosine, an oxidative DNA damage, in lymphoblasts from Fanconi's anemia patients due to possible catalase deficiency.

Multiple myeloma mortality and agricultural practices in the Prairie provinces of Canada.

Environmental antecedents of young-onset Parkinson's disease.

An acute model for IgA-mediated glomerular inflammation in rats induced by monoclonal polymeric rat IgA antibodies.

Renal and hepatic toxicity of monochloroacetanilides in the Fischer 344 rat.

Identification and purification of a novel serine proteinase inhibitor.

Growth factors prevent mitochondrial dysfunction, loss of calcium homeostasis, and cell injury, but not ATP depletion in hippocampal neurons deprived of glucose.

Mouse Hepa 1c1c7 hepatoma cells produce complement component C3; 2,3,7,8-tetrachlorodibenzo-p-dioxin fails to modulate this capacity.

Effectiveness of iron-fortified infant cereal in prevention of iron deficiency anemia.

Opioid peptides in the rabbit carotid body: identification and evidence for co-utilization and interactions with dopamine.

Relationship between aryl hydrocarbon receptor binding, induction of aryl hydrocarbon hydroxylase and 7-ethoxyresorufin O-deethylase enzymes, and toxic activities of aromatic xenobiotics in animals. A new model.

Severe anemia in the Jehovah's Witness: case report and discussion.

Hyperoxic lung injury in Fischer-344 and Sprague-Dawley rats in vivo.

Nitrofen-induced diaphragmatic hernias in rats: an animal model.

Toxicological evaluation of mixtures of ten widely used pesticides.

Chronic iron intake and diarrhoeal disease in infants. A field study in a less-developed country.

Aortic collagen alterations in human diabetes mellitus. Changes in basement membrane collagen content and in the susceptibility of total collagen to cyanogen bromide solubilisation.

Combined oestrogen-progestin treatment of vaginal haemorrhage following gonadotrophin-releasing hormone agonist therapy of uterine myomas.

Increased serum catalase activity in rats subjected to thermal skin injury.

The primary structure of rabbit serum amyloid A protein isolated from acute phase serum.

Environmental toxicology of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans.

Ligand-dependent recruitment of the Arnt coregulator determines DNA recognition by the dioxin receptor.

DNA topoisomerases and the DNA lesion in human genetic instability syndromes.

Desensitization of beta-1 and beta-2, but not beta-3, adrenoceptor-mediated lipolytic responses of adipocytes after long-term norepinephrine infusion.

Enhanced phosphorylation of a 65 kDa protein is associated with rapid induction of stress proteins in 9L rat brain tumor cells.

[Neurotoxicity of methyl bromide--neuropathologic evaluation--preliminary study].

Iron protein succinylate in the treatment of iron deficiency: controlled, double-blind, multicenter clinical trial on over 1,000 patients.

Misclassified sarcomas and confounded dioxin exposure.

A role for heparan sulfate in androgen-induced deoxyribonucleic acid synthesis of mouse mammary carcinoma (Shionogi carcinoma 115)-derived SC-3 cells.

Calcium ions are required for cell fusion mediated by the CD4-human immunodeficiency virus type 1 envelope glycoprotein interaction.

Electrophysiologic evidence for a toxic polyneuropathy in rats after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Important aspects of the evidence for TCDD carcinogenicity in man.

Prevention of experimental autoimmune arthritis with a peptide fragment of type II collagen.

Stoichiometric analysis of internalization, recycling, and redistribution of photoaffinity-labeled guanylate cyclase/atrial natriuretic factor receptors in cultured murine Leydig tumor cells.

Structural alterations in the peptide backbone of beta-amyloid core protein may account for its deposition and stability in Alzheimer's disease.

Red blood cell regeneration induced by subcutaneous recombinant erythropoietin: iron-deficient erythropoiesis in iron-replete subjects.

Effect of intracanal dressings on repair and apical bridging of teeth with incomplete root formation.

The effect of ischaemia on xanthine oxidase activity in rat intestine and liver.

Farming and prostate cancer mortality.

Systemic effects of inhalational methyl bromide poisoning: a study of nine cases occupationally exposed due to inadvertent spread during fumigation.

Health risks of "dioxins": a review of environmental and toxicological considerations.

Role of tyrosine phosphorylation in radiation-induced activation of c-jun protooncogene in human lymphohematopoietic precursor cells.

Modeling receptor-mediated processes with dioxin: implications for pharmacokinetics and risk assessment.

Cell-surface heparan sulfate proteoglycan mediates HIV-1 infection of T-cell lines.

Osteogenesis imperfecta and type-I collagen mutations. A lethal variant caused by a Gly910-->Ala substitution in the alpha 1 (I) chain.

Metabolism of iron from (3,5,5-trimethylhexanoyl)ferrocene in rats. A dietary model for severe iron overload.

Augmentation by erythropoietin of the fetal-hemoglobin response to hydroxyurea in sickle cell disease.

Reversal of developmental delays in iron-deficient anaemic infants treated with iron.

Chronic arsenicism: criminal poisoning or drug-intoxication? Report of two cases.

Modification of clastogenicity of three known clastogens by garlic extract in mice in vivo.

Coplanar polychlorinated biphenyl congener levels and patterns and the identification of separate populations of harbor seals (*Phoca vitulina*) in Denmark.

[2 cases report of open heart surgery with non-blood transfusion in severe valvular heart disease with cardiac cachexia--the efficacy of recombinant human erythropoietin].

Microinjection of a monoclonal antibody against SPN antigen, now identified by peptide sequences as the NuMA protein, induces micronuclei in PtK2 cells.

Unchanged protein binding of penbutolol in renal insufficiency: a possible role of carbamylation.

[Iron deficiency anemia: a current problem].

The mortality experience of workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin in a trichlorophenol process accident.

Identification of soft tissue sarcoma deaths in cohorts exposed to dioxin and to chlorinated naphthalenes.

F reticulocyte response in sickle cell anemia treated with recombinant human erythropoietin: a double-blind study.

Ten and ninety-day toxicity studies of 2-chlorophenol in Sprague-Dawley rats.

Assessment of past occupational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin using blood lipid analyses.

Malignant lymphomas and leukemias, and exposures in the wood industry: an industry-based case-referent study.

Toxicokinetic mixture interactions between chlorinated aromatic hydrocarbons in the liver of the C57BL/6J mouse: 2. Polychlorinated dibenzo-p-dioxins (PCDDs), dibenzofurans (PCDFs) and biphenyls (PCBs).

Synthesis of deacetyl-thymosin beta 12 and examination of its immunological effects on the impaired T and B lymphocytes in uremic patients.

Synthesis of prothymosin alpha deduced from nucleotide sequence of the murine cDNA and its effect on the impaired T lymphocytes of uremic patients.

Cytogenetic studies in lymphocytes of workers exposed to 2,3,7,8-TCDD.

Developmental and reproductive toxicity of dioxins and related compounds: cross-species comparisons.

Comparative bioavailability of ferric polymaltose and ferrous sulphate in iron-deficient blood donors.

Prenatal risks deriving from environmental chemicals.

[Intracerebral-ventricular injection of 4-aminopyridine induced convulsion in rabbits].

Supernormal histamine release and normal cytotoxic activity of beige (ChÅ©diak-Higashi syndrome) rat mast cells with giant granules.

Acute 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure results in enhanced tyrosylphosphorylation and expression of murine hepatic cyclin dependent kinases.

Protein tyrosine kinase activation is required for lipopolysaccharide induction of cytokines in human blood monocytes.

2,3,7,8-tetrachlorodibenzo-p-dioxin increases cardiac myocyte intracellular calcium and progressively impairs ventricular contractile responses to isoproterenol and to calcium in chick embryo hearts.

T-cell activation influences initial DNA synthesis of simian immunodeficiency virus in resting T lymphocytes from macaques.

Quantitative assay of S-100 protein in mouse brain cortex synaptosomes.

Roles of catalase and cytochrome c in hydroperoxide-dependent lipid peroxidation and chemiluminescence in rat heart and kidney mitochondria.

Cadmium induces interleukin-8 production in human peripheral blood mononuclear cells with the concomitant generation of superoxide radicals.

Glucuronidation of thyroid hormone in rat liver: effects of in vivo treatment with microsomal enzyme inducers and in vitro assay conditions.

Relationship of oxypurine release to contractile failure in dinitrophenol-treated rat skeletal muscle.

Assessment of ram sperm mitochondrial function by quantitative determination of sperm rhodamine 123 accumulation.

Specificity of ATP for the initiation of flagellar motility of hamster sperm.

Sublethal effects of three pesticides on Japanese medaka.

Discrimination between periportal and pericentral necrosis of rat liver by determination of glutamine synthetase and other enzyme activities in serum.

Response of mouse liver coumarin 7-hydroxylase activity to hepatotoxins: dependence on strain and agent and comparison to other monooxygenases.

Multiple end point procedure to evaluate risk from pesticides.

Measurement of chromosomal aberrations, sister chromatid exchange, hprt mutations, and DNA adducts in peripheral lymphocytes of human populations at increased risk for cancer.

A ferro-heme protein senses oxygen levels, which modulate the glucagon-dependent activation of the phosphoenolpyruvate carboxykinase gene in rat hepatocyte cultures.

Bacillus subtilis mutant deficient in the major autolytic amidase and glucosaminidase is impaired in motility.

Comparative cytotoxic responses of cultured avian and rodent aortic smooth muscle cells to allylamine.

Influence of medium components and metabolic inhibitors on citric acid production by Penicillium simplicissimum.

The toxicity of chlorophenols in V79 Chinese hamster cells.

Histopathologic approaches to chemical toxicity using primary cultures of dissociated neural cells grown in chamber slides.

Costimulation with integrin ligands intercellular adhesion molecule-1 or vascular cell adhesion molecule-1 augments activation-induced death of antigen-specific CD4+ T lymphocytes.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induced ethoxyresorufin-O-deethylase (EROD) and aldehyde dehydrogenase (ALDH3) activities in the brain and liver. A comparison between the most TCDD-susceptible and the most TCDD-resistant rat strain.

Stimulation of lipid peroxidation or 4-hydroxynonenal treatment increases procollagen alpha 1 (I) gene expression in human liver fat-storing cells.

Differing effects of the inhibition of poly(ADP-ribose) polymerase on the course of oxidative cell injury in hepatocytes and fibroblasts.

NTP technical report on the toxicity studies of Pesticide/Fertilizer Mixtures Administered in Drinking Water to F344/N Rats and B6C3F1 Mice.

[Toxicity of polychlorinated biphenyls (PCB)--indoor air pollution by PCB-containing durable elastic sealants].

The relevance of fat content in toxicity of lipophilic chemicals to terrestrial animals with special reference to dieldrin and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Allyl compounds selectively killed human immunodeficiency virus (type 1)-infected cells.

Modulatory effect of hyperthermia on hepatic microsomal cytochrome P450 in mice.

Potent intracellular oxidative stress exerted by the carcinogen 4-nitroquinoline-N-oxide.

Oxidative tyrosylation of high density lipoprotein by peroxidase enhances cholesterol removal from cultured fibroblasts and macrophage foam cells.

Measurement of the epithelial barrier integrity in tracheal cell cultures exposed to irritant compounds.

Analysis of polychlorinated dioxins and furans in samples of the toxic oil syndrome.

Activation with superantigens induces programmed death in antigen-primed CD4+ class II+ major histocompatibility complex T lymphocytes via a CD11a/CD18-dependent mechanism.

Tyrosyl radical generated by myeloperoxidase catalyzes the oxidative cross-linking of proteins.

Enhancement of neutrophil-mediated injury to bovine pulmonary endothelial cells by *Pasteurella haemolytica* leukotoxin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) alters pancreatic membrane tyrosine phosphorylation following acute treatment.

Modification of P450 activity and its effect on 1,2-dichlorobenzene toxicity in Fischer 344 rats.

Gene expression and cell proliferation in rat liver after 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

[Toxicology of tobacco].

[Study of acute toxicity of antifreeze Asol].

Iron-initiated tissue oxidation: lipid peroxidation, vitamin E destruction and protein thiol oxidation. Inhibition by a novel antioxidant, U-78517F.

NTP Toxicology and Carcinogenesis Studies of Pentachloroanisole (CAS No. 1825-21-4) in F344 Rats and B6C3F1 Mice (Feed Studies).

Characterization of vitamin A potentiation of carbon tetrachloride-induced liver injury.

Acute inflammatory response to sheep red blood cell challenge in mice treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): phenotypic and functional analysis of peritoneal exudate cells.

Modulation of 1,2-dichlorobenzene hepatotoxicity in the Fischer-344 rat by a scavenger of superoxide anions and an inhibitor of Kupffer cells.

Mitochondria as a source of reactive oxygen species during reductive stress in rat hepatocytes.

Stimulatory effect of the CYP1A1 inducer 2,3,7,8-tetrachlorodibenzo-p-dioxin on the reproduction of HIV-1 in human lymphoid cell culture.

Reduction of hepatic phosphoenolpyruvate carboxykinase (PEPCK) activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) is due to decreased mRNA levels.

Recovery of plants from "Near-Lethal" stress.

The amino terminal sequence of VP60 from rabbit hemorrhagic disease virus supports its putative subgenomic origin.

Occupational physicians and environmental medicine.

Dioxin toxicity. Agency for Toxic Substances and Disease Registry.

Enhanced glutathione S-transferase 7-7 expression in rat hepatic cytosol following treatment with pyrrole.

Differential effects of extracellular calcium on lipid peroxidation dependent (ethacrynic acid and allyl alcohol) and lipid peroxidation independent (disulfiram)-induced cytotoxicity in normal and vitamin E-deficient rat hepatocytes.

Evaluation of collagen cross-linking techniques for the stabilization of tissue matrices.

Semicarbazide protection from in vivo oxidant injury of vascular tissue by allylamine.

Mutagenesis in Escherichia coli K-12 mutants defective in superoxide dismutase or catalase.

In vitro toxicity screening using cultured rat skeletal muscle cells. I. Surfactants and mitochondrial poisons.

Investigations into the effects of various hepatotoxic compounds on urinary and liver taurine levels in rats.

Gastrointestinal effects of single and repeated doses of ferrous sulphate in rats.

Neuropsychological effects of chronic exposure to environmental dioxins and furans.

Effects of acute sodium arsenite administration on the pulmonary chemical metabolizing enzymes, cytochrome P-450 monooxygenase, NAD(P)H:quinone acceptor oxidoreductase and glutathione S-transferase in guinea pig: comparison with effects in liver and kidney.

Neutrophil-mediated damage to human vascular endothelium. Role of cytokine activation.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on plasma and tissue beta-endorphin-like immunoreactivity in the most TCDD-susceptible and the most TCDD-resistant rat strain.

In vivo correlation of Doppler waveform analysis with arterial input impedance parameters.

In vivo response of the rat's retinal pigment epithelium to azide: changes induced by light damage.

Electrical responses of the rat's retinal pigment epithelium to azide and thiocyanate.

Resistance of murine lung tumors to xenobiotic-induced cytotoxicity.

Occupational risk factors for acute leukaemia: a case-control study.

Production of limbic motor seizures and brain damage by systemic and intracerebral injections of paraquat in rats.

Toxicology and hazard potential of trifluralin.

Nephrotoxicity of the 1:1 acrolein-glutathione adduct in the rat.

Effects of different dilution water types on the acute toxicity to juvenile Pacific salmon and rainbow trout of fluroxypyr formulated product XRM-5084.

Review of a study reporting an association between 2,4-dichlorophenoxyacetic acid and canine malignant lymphoma: report of an expert panel.

Process of building biologically based dose-response models for developmental defects.

The immune response of sheep to subclinical chronic exposure to the herbicide Bentazon TP.

Protective effect of liposome-associated alpha-tocopherol against paraquat-induced acute lung toxicity.

Neurotoxic effects induced by intracerebral and systemic injection of paraquat in rats.

Simazine toxicosis in sheep.

The Ca(2+)-transport-ATPase of human erythrocytes as an in vitro toxicity test system--acute effects of some chlorinated compounds.

One-year toxicity of orally administered acrolein to the beagle dog.

Nitrofen-induced diaphragmatic hernias in rats: pulmonary antioxidant enzyme activities.

Tissue-binding and toxicity of compounds structurally related to the herbicide dichlobenil in the mouse olfactory mucosa.

Chronic liver injury in phenoxy herbicide-exposed Vietnam veterans.

Association of asthma with use of pesticides. Results of a cross-sectional survey of farmers.

The kidney in the fetal rat model of congenital diaphragmatic hernia induced by nitrofen.

Acute toxicity of pesticides to *Gobius* sp., *Palaemonetes africanus*, and *Desmocariss trispimosa*.

Genotoxicity of four herbicides in the *Drosophila* wing spot test.

Prevalence of glioblastoma multiforme subjects with prior herbicide exposure.

[Acute acrolein poisoning from exposure to the thermal degradation products of a vegetable fat].

Inhibition of lipid peroxidation and cholesterol levels in mice by curcumin.

Effect of ambient oxygen concentration upon the acute toxicity of chlorophenols and heavy metals to the groundwater copepod *Parastenocaris germanica* (Crustacea).

Toxicity assessment of atrazine, alachlor, and carbofuran and their respective environmental metabolites using Microtox.

Pulmonary hemodynamics and lung function during chronic paraquat poisoning in sheep. Possible role of reactive oxygen species.

Anger and anxiety responses to m-chlorophenylpiperazine in generalized anxiety disorder.

Methyl isothiocyanate in wine.

A novel pharmacological approach for paraquat poisoning in rat and A549 cell line using ambroxol, a lung surfactant synthesis inducer.

Soft tissue sarcoma, aplastic anaemia, and exposure to pesticides.

Expression of the maize MnSod (*Sod3*) gene in MnSOD-deficient yeast rescues the mutant yeast under oxidative stress.

Developmental toxicity of 2,4,5-trichlorophenoxyacetic acid (2,4,5-T). I. Multireplicated dose-response studies in four inbred strains and one outbred stock of mice.

Reproductive study of acrolein on two generations of rats.

Antioxidant-dependent inhibition of diquat-induced toxicity in vivo.

Acute renal failure in a case of paraquat poisoning with relative absence of pulmonary toxicity.

Protective effects of antioxidants on paraquat-induced acute renal failure in mice.

[Hepatopathy from cyanamide. Presentation of a new case].

Investigations of the acute toxic, cytogenetic, and embryotoxic activity of buminafos.

[A cardiac lesion secondary to paraquat].

Dioxin intoxication from chronic exposure of horses to pentachlorophenol-contaminated wood shavings.

NTP technical report on the toxicity studies of Glyphosate (CAS No. 1071-83-6) Administered In Dosed Feed To F344/N Rats And B6C3F1 Mice.

Tracheal epithelium in culture: a model for toxicity testing of inhaled molecules.

Prevention of acrolein-induced bladder injury by pentosanpolysulfate.

Effects of concentration reduction and partial replacement of paraquat by diquat on human toxicity: a clinical survey.

Age-associated enhancement of diquat-induced lipid peroxidation and cytotoxicity in isolated rat hepatocytes.

'No longer nineteen'. A review of Vietnam veterans in everyday practice.

Cancer mortality among licensed herbicide applicators.

[The toxicity of herbicide Asulam].

Mitochondrial breakage induced by the herbicide paraquat in cultured human lung cells.

Effects of the herbicides hexazinone and triclopyr ester on aquatic insects.

Excretion of formaldehyde, malondialdehyde, acetaldehyde and acetone in the urine of rats in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin, paraquat, endrin and carbon tetrachloride.

[Toxic and drug-induced lesions of the pulmonary parenchyma].

Effects of glutathione-modulating agents on the covalent binding and toxicity of dichlobenil in the mouse olfactory mucosa.

[Rapid evaluation of embryotoxic properties of substances in the culture of preimplantation zygote].

[Appearance of different panmyelopathies in the same patient].

The acrolein cytotoxicity and cytoprotective action of alpha-tocopherol in primary cultured rat hepatocytes.

Two-year toxicity and carcinogenicity study of acrolein in rats.

Alveolar damage due to inhalation of amitrole-containing herbicide.

Paraquat poisoning in children: survival of three cases.

Acute toxicological studies on paraquat: pathological findings in beagle dogs following single subcutaneous injections.

[The effect of Bentazone, a Czechoslovak developmental herbicide, on health status indicators in sheep during subchronic poisoning].

Correlations of developmental end points observed after 2,4,5-trichlorophenoxyacetic acid exposure in mice.

Acute effects of acrolein on breathing: role of vagal bronchopulmonary afferents.

Upper gastrointestinal injury caused by diquat.

Phenoxy herbicides and chlorophenols: a case control study on soft tissue sarcoma and malignant lymphoma.

Preferential increase of heterochromatin in venular endothelium of lung in mice after administration of dimethylarsinic acid, a major metabolite of inorganic arsenics.

Effect of lung irradiation on mice following paraquat intoxication.

High-dose cyclophosphamide and dexamethasone in paraquat poisoning: a prospective study.

Canine malignant lymphoma and 2,4-dichlorophenoxyacetic acid herbicides.

Role of lipid peroxidation and DNA damage in paraquat toxicity and the interaction of paraquat with ionizing radiation.

Subacute toxicity of paraquat in beagle dogs: clinicopathology and pathologic examinations.

Effects of 4-hydroperoxycyclophosphamide (4-OOH-CP) and 4-hydroperoxydechlorocyclophosphamide (4-OOH-deClCP) on the cell cycle of post implantation rat embryos.

[A successful treatment of patient with paraquat poisoning].

Smoke aldehyde component influences pulmonary edema.

Lung protection against paraquat is calcium dependent.

Self-reported health status of Vietnam veterans in relation to perceived exposure to herbicides and combat.

The effect of pesticides on carp (*Cyprinus carpio* L). Acetylcholinesterase and its biochemical characterization.

Morphological changes on nerves and histopathological effects on liver and kidney of rats by pentachlorophenol (PCP).

Mechanisms of aldehyde-induced bronchial reactivity: role of airway epithelium.

Acute and persistent parkinsonism after use of diquat.

Cytogenetic effects of alachlor and/or atrazine in vivo and in vitro.

A comparison of the acute toxicity, neuropathology, and electrophysiology of N,N-diethyl-m-toluamide and N,N-dimethyl-2,2-diphenylacetamide in rats.

Lung injury induced by paraquat, hyperoxia and cobalt chloride: effects of ambroxol.

Distribution of paraquat into the brain after its systemic injection in rats.

[Drug-induced acute renal failure].

Chronic toxicity of ethyl parathion and isobutoxyethanol ester of 2,4-dichlorophenoxyacetic acid to estuarine juvenile and adult crabs.

Occupation and soft-tissue sarcoma in northeastern Italy.

Fatal paraquat poisoning: a light microscopic study in eight autopsy cases.

Taurine protection of lungs in hamster models of oxidant injury: a morphologic time study of paraquat and bleomycin treatment.

Immunocytochemical observation of paraquat-induced alveolitis with special reference to class II MHC antigens.

Paraquat damage of rat liver mitochondria by superoxide production depends on extramitochondrial NADH.

Brain cancer and farming in western Canada.

Effect of iron chelators on paraquat toxicity in rats and alveolar type II cells.

[Rainbow trout and zebrafish, two models for continuous toxicity tests: relative sensitivity, species and organ specificity in cytopathologic reaction of liver and intestines to atrazine].

[Data on establishing the maximum permissible concentration of the herbicide levanyl in the air of a work area].

[Use of bacterial toximeters with separate cell cultures for continuous water monitoring].

Platelet prevention of oxidant lung oedema is not mediated through scavenging of hydrogen peroxide.

Pathophysiological consequences of enhanced intracellular superoxide formation in isolated perfused rat liver.

Oxygen yield and thermoluminescence characteristics of a cyanobacterium lacking the manganese-stabilizing protein of photosystem II.

Spermine dialdehyde, a novel ex vivo purging agent for both allogenic and autologous bone marrow transplantations.

Cyclophosphamide decreases O⁶-alkylguanine-DNA alkyltransferase activity in peripheral lymphocytes of patients undergoing bone marrow transplantation.

No evidence of intracellular oxidative stress during ischemia-reperfusion damage in rat liver in vivo.

Fumarase C, the stable fumarase of *Escherichia coli*, is controlled by the soxRS regulon.

The effects of goitrogenesis, involution, and goitrogenic rechallenge on the clonogenic cell content of the rat thyroid.

Renal cadmium deposition and injury as a result of accumulation of cadmium-metallothionein (CdMT) by the proximal convoluted tubules--A light microscopic autoradiography study with ¹⁰⁹CdMT.

Short-term hypothyroidism and vasopressin gene expression in the rat.

The plateau phase rat goiter contains a sub-population of TSH-responsive follicular cells capable of proliferation following transplantation.

Chemical contamination and the annual summer die-off of striped bass (*Morone saxatilis*) in the Sacramento-San Joaquin Delta.

Preservation of keratin expression in oral mucosa using a novel transport medium.

Endothelial dysfunction of resistance arteries of spontaneously hypertensive rats.

Inhibition of sodium-dependent transport systems in LLC-PK1 cells by metabolites of ifosfamide.

Selection and analysis of superoxide dismutase mutants of *Neurospora*.

Toxicity of 1-methyl-4-phenylpyridinium derivatives in *Escherichia coli*.

X-ray studies on phospholipid bilayers. XII. Interactions of pentachlorophenol with myelin.

The S-thiolation of hepatocellular protein thiols during diquat metabolism.

Responses of vascular endothelial oxidant metabolism to lipopolysaccharide and tumor necrosis factor- α .

The acute effects of ethanol and acetaldehyde on rates of protein synthesis in type I and type II fibre-rich skeletal muscles of the rat.

Paraquat-induced lung injury: prevention by N-tert-butyl-alpha-phenylnitronone, a free-radical spin-trapping agent.

1-Methyl-tetrahydro-beta-carboline-3-carboxylic acid is present in the rat brain and is not increased after acute ethanol injection with cyanamide treatment.

Mechanisms of cellular resistance to hydrogen peroxide, hyperoxia, and 4-hydroxy-2-nonenal toxicity: the significance of increased catalase activity in H₂O₂-resistant fibroblasts.

Effect of atrazine on hemopoietic system.

Decreased stress inducibility of the HSP68 protein in a rat hepatoma variant clone.

The pyrimido-pyrimidine derivative RA-642 protects from brain injury in a combined model of permanent focal ischemia and global ischemia reperfusion.

Case report: neuropathology of methyl bromide intoxication.

Methyl bromide intoxication and acute energy deprivation syndromes.

Effects of eating an uncooked vegetable diet for 1 week.

Localization of protein-acetaldehyde adducts on cell surface of hepatocytes by flow cytometry.

Mitochondrial ATP-synthase deficiency in a child with 3-methylglutaconic aciduria.

Reduced Leydig cell volume and function in adult rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin without a significant effect on spermatogenesis.

Alzheimer's disease and control brain contain soluble derivatives of the amyloid protein precursor that end within the beta amyloid protein region.

An amino acid substitution (Gly853-->Glu) in the collagen alpha 1(II) chain produces hypochondrogenesis.

Development of monoclonal antibodies that identify *Vibrio* species commonly isolated from infections of humans, fish, and shellfish.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin or 2,2',4,4',5,5'-hexachlorobiphenyl on vitamin K-dependent blood coagulation in female germfree WAG/Rij-rats.

Mucosal reactive oxygen metabolite production in duodenal ulcer disease.

Inhibition of acute TCDD toxicity by treatment with anti-tumor necrosis factor antibody or dexamethasone.

Structure of dietary pectin, iron bioavailability and hemoglobin repletion in anemic rats.

Alkaline chemical keratitis: eye injury from airbags.

Health effects of military service. Lessons learned from the Vietnam experience.

Integrated approach for evaluating species and interindividual differences in responsiveness to dioxins and structural analogs.

Mechanism of the increase in intracellular sodium during metabolic inhibition: direct evidence against mediation by voltage-dependent sodium channels.

Cytosolic and intranuclear calcium signals in rat basophilic leukemia cells as revealed by a confocal fluorescence microscope.

Acute neurobehavioural effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in Han/Wistar rats.

Increased serum catalase activity in septic patients with the adult respiratory distress syndrome.

Myalgia and elevated creatine kinase activity associated with subcutaneous injections of diluent.

Non-Hodgkin's lymphoma and occupational exposure.

Pesticides and non-Hodgkin's lymphoma.

Immunosuppressive therapy and acquired immunological disorders.

Hematopoietic cytokines inhibit apoptosis induced by transforming growth factor beta 1 and cancer chemotherapy compounds in myeloid leukemic cells.

[Urinary N-acetyl-beta-D-glucosaminidase and gamma-glutamyl-transpeptidase activities for evaluation of renal disturbance in patients with multiple myeloma].

Control of growth and differentiation of Philadelphia chromosome-positive leukemia cells by tyrosine kinase inhibitors.

Iron deficiency and anemia of chronic disease. Clues to differentiating these conditions.

Photosensitization by anticancer agents. 11. Mechanisms of photosensitization of human leukemic cells by diaminoanthraquinones: singlet oxygen and radical reactions.

A comparison of sodium arsenite- and hyperthermia-induced stress responses and abnormal development in cultured postimplantation rat embryos.

Hepatotoxic interactions of ethanol with allyl alcohol or carbon tetrachloride in rats.

Effect of herbimycin A, an antagonist of tyrosine kinase, on bcr/abl oncoprotein-associated cell proliferations: abrogative effect on the transformation of murine hematopoietic cells by transfection of a retroviral vector expressing oncoprotein P210bcr/abl and preferential inhibition on Ph1-positive leukemia cell growth.

Acute iron intoxication in pregnancy: case report and review of the literature.

Ingested arsenic, keratoses, and bladder cancer.

Amyotrophic lateral sclerosis: increased solubility of skin collagen.

Endoscopic treatment of vesicoureteral reflux with a self-detachable balloon system.

In vitro oxygen consumption and motility of *Cryptobia salmositica*, *Cryptobia bullocki*, and *Cryptobia catostomi* (Sarcomastigophora: Kinetoplastida).

Collagen-induced arthritis in rats. Examination of the epitope specificities of circulating and cartilage-bound antibodies produced by outbred and inbred rats using cyanogen bromide-derived peptides purified from heterologous and homologous type II collagens.

Bioavailability to rats and toxicity of bound residues in bean seeds fumigated with ¹⁴C-methyl bromide.

A dominant mutation in the COL1A1 gene that substitutes glycine for valine causes recurrent lethal osteogenesis imperfecta.

Comparative assessment of the cytotoxic effects of different xenobiotics in three hepatoma cell lines.

A case of ulcerative colitis induced by oral ferrous sulfate.

The effects of beraprost Na, a stable prostacyclin analog, on animal models of stroke.

Herbimycin A, an inhibitor of tyrosine kinase, prolongs survival of mice inoculated with myeloid leukemia C1 cells with high expression of v-abl tyrosine kinase.

A Danish kindred with familial amyloid cardiomyopathy revisited: identification of a mutant transthyretin-methionine111 variant in serum from patients and carriers.

Parkinson's disease and exposure to agricultural work and pesticide chemicals.

Development of acute thermotolerance in L929 cells: lack of HSP28 synthesis and phosphorylation.

Dynamic changes in the functional characteristics of the interstitial fibroblast during lung repair.

Effect of iron supplementation on endurance capacity in iron-depleted female runners.

Persistent brominated and chlorinated dioxin blood levels in a chemist. 35 years after dioxin exposure.

Urinary ortho-cresol concentrations as an indicator of toluene inhalation in glue-sniffers.

Chronic sodium azide treatment impairs learning of the Morris water maze task.

Chemiluminescence assay of mucosal reactive oxygen metabolites in inflammatory bowel disease.

Anti-Ro autoantibody with cross-reactive binding to the heavy chain of immunoglobulin G.

Neoplastic transformation of immortalized human keratinocytes by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Dose-response relationships for chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in a rat tumor promotion model: quantification and immunolocalization of CYP1A1 and CYP1A2 in the liver.

Comparative studies on the extractability of collagen from aortas of stroke-prone spontaneously hypertensive and normotensive rats.

Detection and characterisation of an overmodified type III collagen by analysis of non-cutaneous connective tissues in a patient with Ehlers-Danlos syndrome IV.

A case of fatal methyl bromide poisoning.

Effect of environmental pollutants on taste and smell.

Radiological case of the month. Acute iron poisoning and gastrointestinal decontamination procedure.

American Academy of Pediatrics Committee on Nutrition: The use of whole cow's milk in infancy.

Reduced activity of the electron transport chain in liver mitochondria isolated from rats with secondary biliary cirrhosis.

Hepatotoxicity and carcinogenicity in female Sprague-Dawley rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): a pathology working group reevaluation.

Protein-linked isoprenoid lipids in dexamethasone-treated human lymphoid lines in culture.

Localization of the reflex pathway responsible for the vasodepressor reaction induced by inferior vena caval occlusion and isoproterenol.

[Differentiation therapy of hematologic malignancies: principles, current status and perspectives].

Influence of stepwise uncoupling and temporary anoxia on pancreatic enzyme secretion by isolated rat acini.

Amelioration by BAL (2,3-dimercapto-1-propanol) and DMPS (sodium 2,3-dimercapto-1-propanesulfonic acid) of arsenite developmental toxicity in mice.

A single base mutation in the gene for type III collagen (COL3A1) converts glycine 847 to glutamic acid in a family with Ehlers-Danlos syndrome type IV. An unaffected family member is mosaic for the mutation.

Neutrophils contribute to TNF induced myocardial tolerance to ischaemia.

A case of methyl bromide poisoning.

Effects of acid-base status on acute hypoxic pulmonary vasoconstriction and gas exchange.

Large hiatal hernias, anemia, and linear gastric erosion: studies of etiology and medical therapy.

In utero and lactational exposure of male rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin. 1. Effects on androgenic status.

In utero and lactational exposure of male rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin. 2. Effects on sexual behavior and the regulation of luteinizing hormone secretion in adulthood.

Relationship between thermal tolerance and protein degradation in temperature-sensitive mouse cells.

Pesticides and other agricultural risk factors for non-Hodgkin's lymphoma among men in Iowa and Minnesota.

The role of occupational exposure and immunodeficiency in B-cell malignancies. Working Group on the Epidemiology of Hematolymphopoietic Malignancies in Italy.

Hepatic and gastrointestinal effects in an occupational cohort exposed to 2,3,7,8-tetrachlorodibenzo-para-dioxin.

Mitochondrial dysfunction observed in situ in cardiomyocytes of rats in experimental diabetes.

Risk factors for adult soft tissue sarcoma in northern Italy.

Chemicals trophic for the thymus: risk for immunodeficiency and autoimmunity.

Sodium monochloroacetate poisoning of greenfinches.

Common poisons in Singapore--past and present.

Integration of the human lymphocyte into immunotoxicological investigations.

Chemical burn with cresol intoxication and multiple organ failure.

The effect of ethanol metabolism on ferritin uptake by freshly isolated rat hepatocytes: is acetaldehyde responsible for this alteration?

Cancer risk among Danish and Italian farmers.

Inhibition of intestinal glucose absorption in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Growth inhibition by anchorage-deficiency is associated with increased level but reduced phosphorylation of mutant p53.

Neutrophil accumulation in ischemic reperfused rat liver: evidence for a role for superoxide free radicals.

Cytochrome oxidase inhibition: a novel animal model of Alzheimer's disease.

[Phenazon metabolism in children with liver diseases].

[Mortality of cattle following feeding of moldy flower bulbs].

[Amounts of urinary metabolites of p-chloroaniline and their half lives in a patient with acute poisoning].

Toxicity and reproductive effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in ring-necked pheasant hens.

Permeation and destructive effects of disinfectants on protective gloves.

Monoclonal antibodies specific to porin of Haemophilus influenzae type b: localization of their cognate epitopes and tests of their biological activities.

Altered ratio of collagen chains in bone of a patient with non-lethal osteogenesis imperfecta.

Molecular cloning of the human Goodpasture antigen demonstrates it to be the alpha 3 chain of type IV collagen.

An osteopenic nonfracture syndrome with features of mild osteogenesis imperfecta associated with the substitution of a cysteine for glycine at triple helix position 43 in the pro alpha 1(I) chain of type I collagen.

Mortality of a young population after accidental exposure to 2,3,7,8-tetrachlorodibenzodioxin.

Antioxidant activity of bronchoalveolar lavage fluid in the adult respiratory distress syndrome.

Cassava cyanogens and konzo, an upper motoneuron disease found in Africa.

A tradition of testing ironclad practices.

Soluble aggregates of the human PiZ alpha 1-antitrypsin variant are degraded within the endoplasmic reticulum by a mechanism sensitive to inhibitors of protein synthesis.

Transcriptional derepression of the murine Cyp1a-1 gene by mevinolin.

The mechanism of action of the two-layer (Euro-Collins' solution/perfluorochemical) cold storage method in canine pancreas preservation.

Comparisons of the effects of TCDD and hydrocortisone on growth factor expression provide insight into their interaction in the embryonic mouse palate.

Metabolically dependent blood-brain barrier breakdown in chronic relapsing experimental allergic encephalomyelitis.

A new threat to public health: organochlorines and food.

Sex differences in monochloroacetate pretreatment effects on chloroform toxicity in rats.

Differential ability of occupational chemical contact and respiratory allergens to cause immediate and delayed dermal hypersensitivity reactions in mice.

Toxicity of 2,3,7,8-tetrabromodibenzo-p-dioxin in rats after single oral administration.

Tardyferon therapy in hyposiderosis of infancy and childhood.

Influence of ethanol on survival of acinar cells isolated from rat pancreas.

Effects of herbimycin A derivatives on growth and differentiation of K562 human leukemic cells.

Old and new reflections on dioxin.

Reconciling old and new findings on dioxin.

The heat shock response: potential to screen teratogens.

Limited PCB antagonism of TCDD-induced malformations in mice.

Toxicity of monochloroacetic acid administered by gavage to F344 rats and B6C3F1 mice for up to 13 weeks.

Placental transport of dioxins from mother to fetus. II. PCBs, dioxins and furans and vitamin K metabolism.

[Results of therapy of anemia in pregnancy].

Internal exposure to organic substances in a municipal waste incinerator.

Comparative toxicity of four chlorinated dibenzo-p-dioxins (CDDs) and their mixture. Part I: Acute toxicity and toxic equivalency factors (TEFs).

Fatal systemic poisoning after skin exposure to monochloroacetic acid.

Epitope specificity of antibodies to type II collagen in rheumatoid arthritis and systemic lupus erythematosus.

Methylbromide intoxication: a case report.

A 27-bp deletion from one allele of the type III collagen gene (COL3A1) in a large family with Ehlers-Danlos syndrome type IV.

Fragmented DNA and apoptotic bodies document the programmed way of cell death in hybridoma cultures.

Extracellular matrix formation by epithelial cells from human polycystic kidney cysts in culture.

A prospective open-label study evaluating the efficacy and adverse reactions of the use of Niferex-150 in ESRD patients receiving EPOGEN.

[The effect of 2,4-dichlorophenol on enzyme activities and other parameters in parenchymatous organs of rats].

Amelioration of dermal lesions in streptozotocin-induced diabetic rats by aminoguanidine.

Reactive oxygen metabolites in toxic acute renal failure.

Amyloid enhancing factor activity is associated with ubiquitin.

Enhanced suppression of humoral immunity in DBA/2 mice following subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Siderophore production and membrane alterations by *Bordetella pertussis* in response to iron starvation.

Endpoints of spermatotoxicity in the rat after short duration exposures to fourteen reproductive toxicants.

Induction of somatic embryogenesis and caulogenesis from cotyledon and leaf protoplast-derived colonies of melon (*Cucumis melo* L.).

Toxicity of pentachlorophenol to six species of white rot fungi as a function of chemical dose.

Identification of urinary metabolites of human subjects acutely poisoned by p-chloronitrobenzene.

Vascular smooth muscle cell detachment from elastin and migration through elastic laminae is promoted by chondroitin sulfate-induced "shedding" of the 67-kDa cell surface elastin binding protein.

Antibody epitopes sensitive to the state of human immunodeficiency virus type 1 gp41 oligomerization map to a putative alpha-helical region.

Murine strain differences in metabolism and bladder toxicity of cyclophosphamide.

Disulfide bond structure of glycoprotein D of herpes simplex virus types 1 and 2.

2,3,7,8-Tetrachlorodibenzo-p-dioxin causes reduction of glucose transporting activities in the plasma membranes of adipose tissue and pancreas from the guinea pig.

Use of multiple-cause mortality data in epidemiologic analyses: US rate and proportion files developed by the National Institute for Occupational Safety and Health and the National Cancer Institute.

Synergism among oxidants, proteinases, phospholipases, microbial hemolysins, cationic proteins, and cytokines.

Ionizing radiation stimulates unidentified tyrosine-specific protein kinases in human B-lymphocyte precursors, triggering apoptosis and clonogenic cell death.

Two-stage control of an oxidative stress regulon: the Escherichia coli SoxR protein triggers redox-inducible expression of the soxS regulatory gene.

Primary chemical and physical characterization of acute toxic components in wastewaters.

Ferritin: a cytoprotective antioxidant strategem of endothelium.

The potentiation of 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity by tamoxifen in female CD1 mice.

Plasma alpha 1-acid glycoprotein concentration in rats with chemical liver injury.

Initial hydrogenation during catabolism of picric acid by Rhodococcus erythropolis HL 24-2.

Degradation of 2,4-dinitrophenol by two Rhodococcus erythropolis strains, HL 24-1 and HL 24-2.

Risk, statistical inference, and the law of evidence: the use of epidemiological data in toxic tort cases.

Antioxidant defense mechanisms of endothelial cells and renal tubular epithelial cells in vitro: role of the glutathione redox cycle and catalase.

Reduction in heat shock gene expression correlates with increased thermosensitivity in senescent human fibroblasts.

Morbidity study of extruder personnel with potential exposure to brominated dioxins and furans. I. Results of blood monitoring and immunological tests.

Effects of antibacterial agents on in vitro ovine ruminal biotransformation of the hepatotoxic pyrrolizidine alkaloid jacobine.

Studies of collagen in bone and dentin matrix of a Columbian mammoth (late Pleistocene) of central Utah.

Human fibrinogen heterogeneity: the COOH-terminal residues of defective A alpha chains of fibrinogen II.

The effect of chronic radiation on the humoral immune response of rainbow trout (*Onchorhynchus mykiss* Walbaum).

Surgical and pharmacological dissociation of cardiovascular and emetic responses to intragastric CuSO₄.

NTP technical report on the toxicity studies of para-Chloro-alpha,alpha,alpha Trifluorotoluene (CAS NO: 98-56-6) Administered in Corn Oil and alpha-Cyclodextrin to F344/N Rats and B6C3F1 Mice in 14-Day Comparative Gavage Studies.

Health status and needs of migrant farm workers in the United States: a literature review.

Involvement of nonparenchymal cells in oxygen-dependent hepatic injury by allyl alcohol.

Quantitative light microscopic demonstration of increased pallidal and striatal met5-enkephalin-like immunoreactivity in rats following chronic treatment with haloperidol but not with clozapine: implications for the pathogenesis of neuroleptic-induced movement disorders.

Arsenic concentrations in tissues and body fluids of dogs on chronic low-level dietary sodium arsenite.

Mitochondrial glutathione and methyl iodide-induced neurotoxicity in primary neural cell cultures.

Skin photosensitizing agents and the role of reactive oxygen species in photoaging.

Artificial liver.

Lipid peroxidation in rod outer segments. Role of hydroxyl radical and lipid hydroperoxides.

Stimulus-secretion coupling in beta-cells of transplantable human islets of Langerhans. Evidence for a critical role for Ca²⁺ entry.

Lipid peroxidation and irreversible damage in the rat hepatocyte model. Protection by the silybin-phospholipid complex IdB 1016.

Mechanisms of extracellular reactive oxygen species injury to the pulmonary microvasculature.

The mechanism of action of the two-layer (Euro-Collins' solution/perfluorochemical) cold-storage method in canine pancreas preservation--the effect of 2,4 dinitrophenol on graft viability and adenosine triphosphate tissue concentration.

Studies on curare-like action of 2,2',2''-tripyridine in the mouse phrenic nerve-diaphragm.

Participation of tyrosine phosphorylation in the cytopathic effect of human immunodeficiency virus-1.

Physiological effects of sublethal atrazine on barley chloroplast thylakoid membranes.

Photodynamic effects of chloroaluminum phthalocyanine tetrasulfonate are mediated by singlet oxygen: in vivo and in vitro studies utilizing hepatic microsomes as a model membrane source.

[Use of 2,4-dinitrophenol for immunosuppressive action on the recipient in implantation of fetal organs in mice].

Comparison of sublethal and lethal criteria for nine different chemicals in standardized toxicity tests using the earthworm *Eisenia andrei*.

Tricarboxylic acid cycle activity in perfused rat lungs after O₂ exposure.

Proline uptake by monolayers of human intestinal absorptive (Caco-2) cells in vitro.

NTP Toxicology and Carcinogenesis Studies of Methyl Bromide (CAS: 74-83-9) in B6C3F1 Mice (Inhalation Studies).

Effects of chronic atropine administration on regional vasoactive intestinal polypeptide concentrations in rat brain.

The effect of oral iron supplementation on erythropoiesis in autologous blood donors.

Cellular basis for interactions between catecholaminergic afferents and neurons containing Leu-enkephalin-like immunoreactivity in rat caudate-putamen nuclei.

Iron supplementation after femoral head replacement for patients with normal iron stores.

NTP Toxicology and Carcinogenesis Studies of Monochloroacetic Acid (CAS No. 79-11-8) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

NADH-dependent reductive stress and ferritin-bound iron in allyl alcohol-induced lipid peroxidation in vivo: the protective effect of vitamin E.

Association of blebbing with assembly of cytoskeletal proteins in ATP-depleted EL-4 ascites tumour cells.

The influence of erythrocyte shape on suspension viscosities.

Accidental death caused by the absorption of 2,4-dichlorophenol through the skin.

Polyhalogenated dibenzo-p-dioxins and dibenzofurans and the immune system. 4. Effects of multiple-dose treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on peripheral lymphocyte subpopulations of a non-human primate (*Callithrix jacchus*).

Decreased hepatic phosphoenolpyruvate carboxykinase gene expression after 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment: implications for the acute toxicity of chlorinated dibenzo-p-dioxins in the rat.

The barrier function in atopic dry skin. Disturbance of membrane-coating granule exocytosis and formation of epidermal lipids?

Cellular sequence of tracheal repair in sheep after smoke inhalation injury.

Microbiological and biotechnological aspects of metabolism of carbamates and organophosphates.

Failure of CAPD patients to respond to an oral iron absorption test.

Comparative toxicity of four chlorinated dibenzo-p-dioxins (CDDs) and their mixture. Part II: Structure-activity relationships with inhibition of hepatic phosphoenolpyruvate carboxykinase, pyruvate carboxylase, and gamma-glutamyl transpeptidase activities.

Comparative toxicity of four chlorinated dibenzo-p-dioxins (CDDs) and their mixture. Part III: Structure-activity relationship with increased plasma tryptophan levels, but no relationship to hepatic ethoxyresorufin o-deethylase activity.

Reduced expression of manganese superoxide dismutase in cells resistant to cytolysis by tumor necrosis factor.

Survival from severe paraquat intoxication in heavy drinkers.

Weight of the evidence on the human carcinogenicity of 2,4-D.

[Effect of almitrine in acute canine lung injury induced by paraquat].

[Immunomorphological analysis of prolonged intoxication by low doses of herbicide simazine].

Lethality, hexobarbital narcosis and behavior in rats exposed to atrazine, bentazon or molinate.

Conjugates of superoxide dismutase with the Fc fragment of immunoglobulin G.

The evaluation of *Escherichia coli* as a model for oxidant stress in mammalian hepatocytes: role of glutathione.

Occupational exposure to chlorophenoxy herbicides and chlorophenols.

The upper respiratory tract: mucous membrane irritation.

Toxic exposure to betamix.

Marijuana and tobacco smoke gas-phase cytotoxins.

Fructose 1,6-diphosphate augments paraquat injury in isolated dog lungs.

Posttraumatic stress disorder among Vietnam veterans on the Agent Orange Registry. A case-control analysis.

Cancer mortality in workers exposed to chlorophenoxy herbicides and chlorophenols.

Failure of radiotherapy to resolve fatal lung damage due to paraquat poisoning.

Paraquat poisoning: findings on chest radiography and CT in 42 patients.

[Biochemical and histological changes after acute oral poisoning with the acetanilide herbicide acetochlor].

Evidence that paraquat is able to cross the blood-brain barrier to a different extent in rats of various age.

Acute toxicity of parathion and 2,4-D to larval and juvenile stages of *Chasmagnathus granulata* (Decapoda, Brachyura).

2,4-D toxicosis.II: A pilot study of clinical pathologic and electroencephalographic effects and residues of 2,4-D in orally dosed dogs.

[Is it appropriate to consider wood preservative poisoning in the differential diagnosis of chronic recurrent respiratory tract infections?].

Superoxide is involved in the pathogenesis of paraquat-induced injury in cultured rat liver slices.

[Fatal voluntary poisoning by parenteral paraquat].

Case-control study of canine malignant lymphoma: positive association with dog owner's use of 2,4-dichlorophenoxyacetic acid herbicides.

Chronic toxicity of a pure and technical grade pentachlorophenol to *Daphnia magna*.

Effect of ethanol on the disposition of paraquat.

Acute toxicity to juvenile Pacific northwest salmonids of basacid blue NB755 and its mixture with formulated products of 2,4-D, glyphosate, and triclopyr.

Liver high performance liquid chromatographic porphyrin profiles in experimental porphyria induced by peroxidizing herbicides.

[Arachidonic acid metabolism and angiotensin converting enzyme activity by cultured porcine pulmonary artery endothelial cells are affected with paraquat].

Reduction of paraquat and related bipyridylium compounds to free radical metabolites by rat hepatocytes.

Free radical-induced carbonyl content in protein of estrogen-treated hamsters assayed by sodium boro[3H]hydride reduction.

Assessment of lawn care worker exposure to dithiopyr.

Age- and sex-related effects on hepatic drug metabolism in rats chronically exposed to dietary atrazine.

Intra-nigral infusion of Cu-free superoxide dismutase prevents paraquat-induced behavioural stimulation and ECoG epileptogenic discharges in rats.

Betamethasone effects on paraquat lung toxicity.

Relationships between ascorbic acid and alpha-tocopherol during diquat-induced redox cycling in isolated rat hepatocytes.

Immunological consequences of exposure to pentachlorophenol.

Effects of agricultural pesticides on humans, animals, and higher plants in developing countries.

[Cholestatic hepatitis caused by cyanamide].

Genotoxicity of p-nitrocinnamaldehyde and related alpha, beta-unsaturated carbonyl compounds in two bacterial assays.

Non-Hodgkin's lymphoma among Vietnam veterans.

Non-Hodgkin's lymphoma in a cohort of Vietnam veterans.

Suicide by poisoning.

[Acute renal failure in surgical and emergency patients].

[Acute renal failure induced by non-drug chemical agents and contrast media].

[Changes in the laboratory rat during development after parenteral administration of the herbicide Zeazin S-40. II. Morphologic findings].

Morphological effects of acute and chronic atrazine exposure in rainbow trout (*Oncorhynchus mykiss*).

Cytogenetic biomonitoring of an Italian population exposed to pesticides: chromosome aberration and sister-chromatid exchange analysis in peripheral blood lymphocytes.

[Observations of the fibrosing process in paraquat lung injury by chest X-ray and CT].

Human health effects: what the data indicate.

Loss of membrane protein thiols and lipid peroxidation in allyl alcohol hepatotoxicity.

A cohort mortality study of forestry workers exposed to phenoxy acid herbicides.

Pentachlorophenol concentrations in human cerebrospinal fluid.

[A case of suicide suspected of poisoning from taking some agricultural chemicals].

Acute toxicity of parathion and 2,4 D to estuarine adult crabs.

[Occupational asthma caused by scented gravel in cat litter boxes].

[Acute poisoning caused by the herbicide dichlorprop (preparation SYS 67 PROP)].

[Neuro-otologic diagnosis after long-term exposure to wood preservatives containing pentachlorophenol].

Paraquat induced pulmonary fibrosis in three survivors.

Mortality and incidence of cancer at four factories making phenoxy herbicides.

Allylamine and acrolein toxicity in perfused rat hearts.

[The immunomorphological characteristics of a focal staphylococcal infection against a background of long-term exposure to low doses of simazine].

A fatal case of parenteral paraquat poisoning.

Intentional self-poisoning with glyphosate-containing herbicides.

[Cyanamide hepatopathy. Presentation of two new cases].

Preliminary evidence for bacterial endotoxin therapeutics of paraquat lethality in mice.

Expression of bovine superoxide dismutase in *Drosophila melanogaster* augments resistance of oxidative stress.

Protective effect of taurine against acute paraquat intoxication in rats.

Effects of vitamin E on toxicity by minute amounts of paraquat fed continuously to rats.

Effects of phenoxyacetic acid herbicides on chicken embryo liver drug metabolizing enzymes.

Taiwan National Poison Center survey of glyphosate--surfactant herbicide ingestions.

Bialaphos poisoning with apnea and metabolic acidosis.

Acute toxicity of pure pentachlorophenol and a technical formulation to three species of *Daphnia*.

Acute toxicology of components of vegetation smoke.

Effects of 2,4,5-trichlorophenoxyacetic acid, pentachlorophenol, methylprednisolone, and Freund's adjuvant on 2-hydroxyethylnitrosourea carcinogenesis in MRC-Wistar rats.

Pesticides and the Third World.

Evaluation of organ injuries in Paraquat intoxication.

Protective effects of dextran sulfate and polyvinyl sulfate against acute toxicity of paraquat in mice.

[Ultrastructural changes in the adenohipophysis-thyroid system in chronic poisoning by the herbicide linuron].

Monuron.

Trifluralin.

Picloram.

Pentachlorophenol.

Chloracne and pentachlorophenol operations.

Survival after accidental ingestion of a fatal dose of diquat.

Acute and chronic effects of parathion and 2,4 D on the oxygen consumption of *Chasmagnathus granulata* (Decapoda, Brachyura).

[The effect of the acetanilide herbicide Acetochlor on the cardiovascular system of white rats].

Oral and pulmonary toxicology of the surfactant used in roundup herbicide.

Effects of acute 2,4-dichlorophenoxyacetic acid intoxication on some rat serum components and enzyme activities.

Uroprotection in patients receiving cyclophosphamide and ifosfamide.

Acute poisoning with a glyphosate-surfactant herbicide ('Roundup'): a review of 93 cases.

The effect of free radicals induced by paraquat and copper on the in vitro development of *Plasmodium falciparum*.

Marked augmentation of nocturnal melatonin secretion in amenorrheic athletes, but not in cycling athletes: unaltered by opioidergic or dopaminergic blockade.

[Morphological evidence of the possible role of cytochrome P-450 in the development of an autoimmune process in the liver].

Chlorophyll photosensitized electron transfer reactions in lipid vesicles: enhancement in yield of vectorial electron transfer across the bilayer from reduced cytochrome c to oxidized ferredoxin by addition of valinomycin plus potassium ion.

Cancer mortality among workers in chemical plant contaminated with dioxin.

Use and mechanism of action of AS101 in protecting bone marrow colony forming units-granulocyte-macrophage following purging with ASTA-Z 7557.

Influence of habitat modification on the community of gastrointestinal helminths of cotton rats.

Studies of the quenching phenomenon in delayed contact hypersensitivity reactions.

Prevention of H₂O₂ generation by monoamine oxidase protects against CNS O₂ toxicity.

Oxygen metabolite effects on creatine kinase and cardiac energetics after reperfusion.

Prolonged exposure to wood preservatives induces endocrine and immunologic disorders in women.

Compensatory growth in fibrotic lung injury.

Uptake and metabolism of iodine is crucial for the development of thyroiditis in obese strain chickens.

An overview of peroxisome proliferator-induced hepatocarcinogenesis.

Tumor necrosis factor-alpha increases Mn-SOD expression: protection against oxidant injury.

[The characteristics of glutathione reductase distribution and activity in the liver of adult rats subjected to paraquat action in the embryonic period].

Steroid responsiveness of fibroblasts of paraquat injured lungs.

Does aminotriazole inhibit import of catalase into peroxisomes by retarding unfolding?

Formation of a protein-acetaldehyde adduct in liver during chronic alcohol exposure.

Protection against free radical-induced and transition metal-mediated damage: the use of "pull" and "push" mechanisms.

Cytochemical studies of hydrogen peroxide generation in postischemic hepatocytes.

Inverse correlation between resistance towards copper and towards the redox-cycling compound paraquat: a study in copper-tolerant hepatocytes in tissue culture.

Formation of the 37KD liver protein-acetaldehyde adduct in vivo and in vitro.

Investigations on the sensitivity of several biochemical and histological methods after liver intoxication induced by pentachlorophenol and carbon tetrachloride.

Hydrogen peroxide and ischemic renal injury: effect of catalase inhibition.

Dose- and time-dependent effect of an acute 3-amino-1,2,4-triazole injection on rat brain catalase activity.

Diamine uptake by rat lung type II cells in vitro.

An investigation of the sensitivity of the ouabain-insensitive sodium efflux in single barnacle muscle fibers to pentachlorophenol.

Paraquat depresses the activity of angiotensin converting enzyme expressed by human umbilical vein endothelial cells in culture.

Release of intact endothelium-derived relaxing factor depends on endothelial superoxide dismutase activity.

[Chemical and biochemical studies on reactivities, formations and toxicities of reactive oxygen species].

IgE-induced tyrosine phosphorylation of phospholipase C-gamma 1 in rat basophilic leukemia cells.

Dermatitis among workers cleaning the Sacramento River after a chemical spill--California, 1991.

The identification of photoallergic potential in the local lymph node assay.

Comparison of known and suspected pheromonal constituents in males of African ticks, *Amblyomma hebraeum* Koch and *Amblyomma variegatum* (Fabricius).

Depletion of brain serotonin does not alter 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced starvation syndrome in the rat.

Specific reduction of I-compound levels in DNA from spontaneous hepatomas of 22-24 month old male C3H mice.

Evaluation of chronic bronchitis, chronic obstructive pulmonary disease, and ventilatory function among workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Myocardial calcium cycling defect in furazolidone cardiomyopathy.

Tumor necrosis factor involvement in 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated endotoxin hypersensitivity in C57BL/6J mice congenic at the Ah locus.

Decreased activities of ubiquinol:ferricytochrome c oxidoreductase (complex III) and ferrocycytochrome c:oxygen oxidoreductase (complex IV) in liver mitochondria from rats with hydroxycobalamin[c-lactam]-induced methylmalonic aciduria.

Hypoxia induces endothelial cell synthesis of membrane-associated proteins.

Pathology reevaluation of the Kociba et al. (1978) bioassay of 2,3,7,8-TCDD: implications for risk assessment.

Protein kinase C regulates proliferation of mast cells and the expression of the mRNAs of fos and jun proto-oncogenes during activation by IgE-Ag or calcium ionophore A23187.

[Identification of urinary metabolites in a patient of acute poisoning by p-chloroaniline].

DNA binding properties of the Ah receptor in wild-type and variant mouse hepatoma cells.

Neurotoxicity of polychlorinated biphenyls: structure-activity relationship of individual congeners.

Mechanism for enterohepatic injury caused by circulatory disturbance of hepatic vessels in the rat.

Hemolytic activity of ethylene glycol phenyl ether (EGPE) in rabbits.

Iron supplementation and running performance in female cross-country runners.

Induction of hepatic metallothionein by nonmetallic compounds associated with acute-phase response in inflammation.

The differential effects of hepatotoxicants on the sulfation pathway in rats.

Inhibitory effect of interleukin-4 on the in vitro growth of Ph1-positive acute lymphoblastic leukemia cells.

Toxic and neoplastic responses in the nasal passages: future research needs.

The epidemiology of Parkinson's disease. A case-control study of young-onset and old-onset patients.

Tolerability of iron: a comparison of bis-glycino iron II and ferrous sulfate.

Influence of anoxia, reoxygenation, and uncoupling on survival, respiration, and trypsin-inhibiting capacity of isolated pancreatic acinar cells.

Chloracne caused by ingestion of olive oil contaminated with PCDDs and PCDFs.

Retrospective cohort mortality study of workers at an aircraft maintenance facility. II. Exposures and their assessment.

Great Lakes embryo mortality, edema, and deformities syndrome (GLEMEDS) in colonial fish-eating birds: similarity to chick-edema disease.

Randomized, placebo-controlled trial of iron supplementation in infants with low hemoglobin levels fed iron-fortified formula.

Laboratory evaluation of B-2 as a molluscicide in the control of the snail intermediate hosts of schistosomiasis in South Africa.

Ninety day toxicity study of chloroacetic acids in rats.

The transient appearance of small blastoid cells in the marrow after bone marrow transplantation.

Intracellular calcium concentrations during "chemical hypoxia" and excitotoxic neuronal injury.

Engagement of interleukin-7 receptor stimulates tyrosine phosphorylation, phosphoinositide turnover, and clonal proliferation of human T-lineage acute lymphoblastic leukemia cells.

Occupation and risk of Hodgkin's disease in north-east Italy.

Exact cleavage site of Alzheimer amyloid precursor in neuronal PC-12 cells.

Mechanism of action of 2,3,7,8-tetrachlorodibenzo-p-dioxin on intermediary metabolism in the rat.

Do new hypotheses on the mechanism of action of dioxins help in risk evaluation?

The acute effects of S-(1,2-dichlorovinyl)-L-cysteine and related chemicals on renal function and ultrastructure in the pentobarbital-anesthetized dog: structure-activity relationships, biotransformation, and unique site-specific nephrotoxicity.

Acute neurotoxicity of sodium azide and nitric oxide.

Scanning electron microscopic observations on muscle cells of experimental mitochondrial myopathy produced by 2, 4-dinitrophenol.

Characterisation of a glycine to valine substitution at amino acid position 910 of the triple helical region of type III collagen in a patient with Ehlers-Danlos syndrome type IV.

Agricultural disorders of the lung.

In-vivo epidermal nuclear reactions: a selective process.

Long-term effects of chemical disasters. Lessons and results from Seveso.

H4IIE rat hepatoma cell bioassay-derived 2,3,7,8-tetrachlorodibenzo-p-dioxin equivalents in colonial fish-eating waterbird eggs from the Great Lakes.

Symptoms among workers with long-term exposure to methyl bromide. An epidemiological study.

[Reports on medico-legal data from the massive-investigation performed by the Medico-Legal Society of Japan--a statistical study of death by poisoning. Investigation Committee of the Medico-Legal Society of Japan].

Glutathione depletion during experimental damage to rat skeletal muscle and its relevance to Duchenne muscular dystrophy.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits steroidogenesis in the rat testis by inhibiting the mobilization of cholesterol to cytochrome P450_{sc}.

Bioavailability of carbonyl iron: a randomized, double-blind study.

Effect of modulators of glutathione synthesis on the hepatotoxicity of 2-methylfuran.

Effects of ATP-sensitive K⁺ channel blockers on the action potential shortening in hypoxic and ischaemic myocardium.

Mechanisms of disruption of the articular cartilage surface in inflammation. Neutrophil elastase increases availability of collagen type II epitopes for binding with antibody on the surface of articular cartilage.

[Intestinal obstruction caused by non-absorbable tablets and Budd-Chiari syndrome in a patient with Crohn's disease].

Engraftment and development of human T and B cells in mice after bone marrow transplantation.

Ninety-day toxicity study of sodium monochloroacetate in Sprague-Dawley rats.

Metabolism of deuterium-labeled nonanoic acids in the riboflavin-deficient rat model of multiple acyl-CoA dehydrogenase deficiency.

Comparison of 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated hepatotoxicity in C57BL/6J and DBA/2J mice.

Pathogen-specific humoral response in *Treponema pallidum*-infected humans, rabbits, and guinea pigs.

Absorption of low and therapeutic doses of ferric maltol, a novel ferric iron compound, in iron deficient subjects using a single dose iron absorption test.

An initiation-promotion assay in rat liver as a potential complement to the 2-year carcinogenesis bioassay.

Increased phagocytic activity of polymorphonuclear leukocytes of chronic granulomatous disease as determined with flow cytometric assay.

Serum concentrations of 2,3,7,8-tetrachlorodibenzo-p-dioxin and test results from selected residents of Seveso, Italy.

Virus-specific B-lymphocytes are probably the primary targets for Aleutian disease virus.

[Experience of the Toxicology Information Center in Prague with pesticides].

Cot death and selenium deficiency.

Washed human platelets prevent ischemia-reperfusion edema in isolated rabbit lungs.

Hypothyroidism and acquired von Willebrand disease.

Dioxin contamination and growth and development in great blue heron embryos.

Environmental risk factors in siblings with Parkinson's disease.

Oxidation of articular cartilage glyceraldehyde-3-phosphate dehydrogenase (G3PDH) occurs in vivo during carrageenin-induced arthritis.

[A new milk formula: iron bioavailability and effect on prevention of iron deficiency in infants].

Association of the crosslinked IgE receptor with the membrane skeleton is independent of the known signaling mechanisms in rat basophilic leukemia cells.

Ovarian hormones enhance 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated increases in cell proliferation and preneoplastic foci in a two-stage model for rat hepatocarcinogenesis.

Modulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin and phenobarbital-induced promotion of hepatocarcinogenesis in rats by the type of diet and vitamin A deficiency.

TCDD exposure of human embryonic palatal shelves in organ culture alters the differentiation of medial epithelial cells.

Transfusion of type-A and type-B blood to cats.

Studies of controlled reperfusion after ischemia. XXI. Reperfusate composition: superiority of blood cardioplegia over crystalloid cardioplegia in limiting reperfusion damage--importance of endogenous oxygen free radical scavengers in red blood cells.

Reduced activities of key enzymes of gluconeogenesis as possible cause of acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats.

Cancer mortality in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Respective roles of free radicals and energy supply in hypoxic rat liver injury after reoxygenation.

Long-term carcinogenesis studies on 2,3,7,8-tetrachlorodibenzo-p-dioxin and hexachlorodibenzo-p-dioxins.

Mass poisoning by sodium arsenite.

Reversibility of thymic atrophy induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and bis(tri-n-butyltin)oxide (TBTO).

A one-year carcinogenicity study with 2,6-dichlorobenzonitrile (Dichlobenil) in male Swiss mice: preliminary note.

Reproductive toxicity and toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin. 2. Problem of paternally-mediated abnormalities in the progeny of rat.

Immunotherapy in acute arsenic poisoning.

Allergic contact dermatitis to two antioxidants in latex gloves: 4,4'-thiobis(6-tert-butyl-meta-cresol) (Lowinox 44S36) and butylhydroxyanisole. Allergen alternatives for glove-allergic patients.

Vitamin A deficiency and the induction of cutaneous toxicity in murine skin by TCDD.

Mechanisms of cell death.

Inhalation exposure of mice to trimellitic anhydride induces both IgG and IgE anti-hapten antibody.

Association of hyperglycemia with dietary cyanogen and socio-economic level. The study of rural communities in south-east Nigeria.

An exploratory study of environmental and medical factors potentially related to childhood cancer.

Diethyldithiocarbamate, copper and neurological disorders.

Blood levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin in chemical workers after chloracne and in comparison groups.

Chronic inhalation toxicity and carcinogenicity study of methyl bromide in Wistar rats.

The epidemiology of populations exposed to dioxin.

Tear volume in early and late phases of ocular anaphylaxis in guinea pigs.

Human exposure to 2,3,7,8-TCDD and risk of cancer.

Intra- and inter-individual variations in cornified envelope peptide composition in normal and psoriatic skin.

Pyridine derivatives: structure-activity relationships causing parkinsonism-like symptoms.

[Massive hemoptysis ten days after bronchial extraction of an accidentally inhaled tablet of ferrous sulfate].

Effects of salicylate on hepatocyte lactate metabolism.

[Parkinson's disease and environmental factors].

Altered metabolic response of iron-deficient women during graded, maximal exercise.

Influence of aprotinin and promazine on survival of isolated pancreatic acinar cells.

Structure-function studies of S-antigen: use of proteases to reveal a dominant uveitogenic site.

Identification of antibody epitopes within the CB-11 peptide of type II collagen. I: Detection of antibody binding sites by epitope scanning.

Investigation on the dosage/efficacy relationship of iron dextran in veal calves.

Vitamin B12 deficiency and infertility: report of a case.

Reduced cortisol secretion in patients with iron deficiency.

[The effect of finoptin on the metabolism and pharmacological action of cyclophosphane in vivo and in vitro].

A new method to monitor Kupffer cell phagocytosis continuously in perfused rat liver.

Single-dose cyclophosphamide for the prevention of bladder tumor implantation in F344 rats: site of drug activity.

Rapid and sensitive quantitation of cyanide in blood and its application to fire victims.

2,3,7,8-Tetrachlorodibenzo-p-dioxin increases reliance on fats as a fuel source independently of diet: evidence that diminished carbohydrate supply contributes to dioxin lethality.

Protection against acute paraquat toxicity by ambroxol.

NTP technical report on the toxicity studies of Cresols (CAS Nos. 95-48-7, 108-39-4, 106-44-5) in F344/N Rats and B6C3F1 Mice (Feed Studies).

The toxicity of waterborne boron to *Daphnia magna* and *Chironomus decorus* and the effects of water hardness and sulfate on boron toxicity.

Iron lung: bronchoscopic and pathological consequences of aspiration of ferrous sulphate.

Biochemical study of repair of induced osteochondral defects of the distal portion of the radial carpal bone in horses by use of periosteal autografts.

Effect of rat liver cytosolic enzymes and cofactors on mutagenicity of 1-amino-8-nitropyrene.

Evaluation of potential chemoprotectants against microcystin-LR hepatotoxicity in mice.

Detection and characterization of Ah receptor in tissue and cells from human tonsils.

Evaluation of metabolic endpoints of acute cytotoxicity in V79 fibroblasts.

Primary cultures of tracheal epithelial cells for the evaluation of respiratory toxicity.

Choice and standardization of test protocols in cytotoxicology: A multicentre approach.

Effects of chlornitrofen, a herbicide, on reproduction of *Brachionus urceolaris* (Rotatoria) through water and food (*Chlorella*).

Biologically based pharmacodynamic models: tools for toxicological research and risk assessment.

[Experimental study on methyl bromide poisoning in mice. Acute inhalation study and the effect of glutathione as an antidote].

Effect of arsenicals on biliary excretion of endogenous glutathione and xenobiotics with glutathione-dependent hepatobiliary transport.

The acute and chronic toxicity of ten chlorinated organic compounds to the American flagfish (*Jordanella floridae*).

Cell-type-specific recognition of allogeneic cells by alloreactive cytotoxic T cells: a consequence of peptide-dependent allorecognition.

The effect of interleukin-1 on iron metabolism in rats.

Effect of aclarubicin and doxorubicin on rat liver mitochondrial oxidative phosphorylation.

Increased copper concentrations in rat tissues after acute intoxication with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Glutathione redox cycle is an important defense system of endothelial cells against chronic hyperoxia.

Ten- and ninety-day toxicity studies of 1,2-dichlorobenzene administered by oral gavage to Sprague-Dawley rats.

Drug interaction effects on antitumour drugs (VIII): prevention of ifosfamide-induced urotoxicity by disulfiram and its effect on antitumour activity and acute toxicity of alkylating agents in mice.

Toxic interactions in the rat nose: pollutants from soiled bedding and methyl bromide.

In vitro effects of trace elements on blood clotting and platelet function. A--Iron, copper, and gold.

TCDD decreases rapidly and persistently serum melatonin concentration without morphologically affecting the pineal gland in TCDD-resistant Han/Wistar rats.

The stress protein response in cultured neurons: characterization and evidence for a protective role in excitotoxicity.

bcl-2 transgene inhibits T cell death and perturbs thymic self-censorship.

Hexose uptake in primary cultures of bovine brain microvessel endothelial cells. I. Basic characteristics and effects of D-glucose and insulin.

[Comparative study of the effectiveness of the classical and modified Cooper protocol for breast cancer chemotherapy].

Human serum catalase decreases endothelial cell injury from hydrogen peroxide.

The liver, kidney, and thyroid toxicity of chlorinated benzenes.

NTP Toxicology and Carcinogenesis Studies of Sodium Azide (CAS: 26628-22-8) in F344 Rats (Gavage Studies).

Effect of allyl alcohol on xanthine dehydrogenase activity in the perfused rat liver.

Inhibition of human immunodeficiency virus type-1-induced syncytium formation and cytopathicity by complestatin.

Effect of hepatotoxic chemicals and hypoxia on hepatic nonparenchymal cells: impairment of phagocytosis by Kupffer cells and disruption of the endothelium in rat livers perfused with colloidal carbon.

Glutathione depletion: its effects on other antioxidant systems and hepatocellular damage.

Uptake of glutathione by renal cortical mitochondria.

meso-2,3-Dimercaptosuccinic acid and prevention of arsenite embryotoxicity and teratogenicity in the mouse.

Human chorionic gonadotropin treatment prevents depressed 17 alpha-hydroxylase/C17-20 lyase activities and serum testosterone concentrations in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

Potential of the toxicity of model hepatotoxicants by acetaminophen.

Effects of environmental toxins on lymphocyte function: studies in rhesus and man.

Interaction between dietary vitamin A and single oral doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the TCDD-induced toxicity and on the vitamin A status in the rat.

In vitro cytotoxicity studies with the fish hepatoma cell line, PLHC-1 (*Poeciliopsis lucida*).

Acute toxicity tests using rotifers. IV. Effects of cyst age, temperature, and salinity on the sensitivity of *Brachionus calyciflorus*.

Reconstitution of the ethanol oxidase respiratory chain in membranes of quinoprotein alcohol dehydrogenase-deficient *Gluconobacter suboxydans* subsp. alpha strains.

[Acute toxicity, inductive effects of liver enzymes and distribution in the liver of 1,2,3,7,8-pentachlorodibenzo-p-dioxin in rats].

The inhibition of rat liver threonine dehydratase by carbamoyl-phosphate. The formation of carbamoylpyridoxal 5'-phosphate.

Metabolism and toxicity of methyl iodide in primary dissociated neural cell cultures.

Nature of plant stimulators in the production of *Acetobacter xylinum* ("tea fungus") biofilm used in skin therapy.

Cytotoxicity of alkylating agents in isolated rat kidney proximal tubular and distal tubular cells.

The possible role of phospholipase A2 in hepatic microsomal lipid peroxidation induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats.

IgG response is impaired in H2-c-fos transgenic mice.

Lichen planus-like eruption with esophageal involvement as a result of cyanamide.

Effects of chemically induced maternal toxicity on prenatal development in the rat.

Toxicity of lindane, atrazine, and deltamethrin to early life stages of zebrafish (*Brachydanio rerio*).

Adsorption to dipalmitoylphosphatidylcholine membranes in gel and fluid state: pentachlorophenolate, dipicrylamine, and tetraphenylborate.

Pre-embarkment prognostication for acute paraquat poisoning.

Genetic toxicity of six carcinogens and six non-carcinogens in the *Drosophila* wing spot test.

Italian multicentre case-control study of hematolymphopoietic malignancies.

[Experimental study of cardiotoxic effect of the pesticide sulfocarbathione].

Acute and sub-acute paraquat poisoning in a pack of foxhounds.

Chronic effect of atrazine on hydromineral balance in the crab.

Acute toxicity to juvenile Pacific salmonids and rainbow trout of butoxyethyl esters of 2,4-D, 2,4-DP and their formulated product: Weedone CB and its carrier.

Acute toxicity of the natural algicide, cyanobacterin, to *Daphnia magna*.

Dermal toxicity to rats of isoproturon technical and formulation.

[Pesticide-induced pulmonary fibrosis].

Risky arguments about chemicals.

[Oxidant-induced lung injury].

Genotoxic effect of isoproturon (herbicide) as revealed by three mammalian in vivo mutagenic bioassays.

[Nature of the estrous cycle, incidence of anovulation, chromosome gametopathies and fetal death in female rats with 2,4-dichlorophenoxyacetic acid (2,4-D) before pregnancy].

Spontaneous pneumothorax in acute paraquat toxicity.

Biochemical changes in rat lung during acute paraquat intoxication.

[Exposure to agricultural chemicals and oncogenic risk].

[An immunological and morphological study of focal staphylococcal infection against a background of long-term exposure to the herbicide linuron].

[Protective effect of hyperbaric hypoxxygenation for paraquat poisoning in the rat].

A case-control study of non-Hodgkin's lymphoma and the herbicide 2,4-dichlorophenoxyacetic acid (2,4-D) in eastern Nebraska.

[Fertility of workers exposed to herbicides and pesticides].

Soft tissue sarcoma and occupational exposures.

Risky arguments over cause and effect.

Agent Orange: veterans sue to force study.

Nitrofen-induced diaphragmatic hernias in rats: an animal model.

Toxicity of mixtures of parathion, toxaphene and/or 2,4-D in mice.

Efficacy of single or repeated hemoperfusion in a canine model of paraquat poisoning.

[Scanning electron microscopic study of rat lungs in experimental chronic paraquat poisoning].

Acute toxicity testing in the nonlethal dose range: a new approach.

Selective vulnerability of hippocampal CA3 neurones after microinfusion of paraquat into the rat substantia nigra or into the ventral tegmental area.

Sublethal and acute toxicity of the ethylene glycol butyl ether ester formulation of triclopyr to juvenile coho salmon (*Oncorhynchus kisutch*).

Effects of pentachlorophenol and other chemical preservatives on the health of wood-treating workers in Hawaii.

Effects of paraquat on mortality and cardiorespiratory function of catfish fry *Plecostomus commersoni*.

[The immunomorphological characteristics of prolonged exposure to the herbicide linuron].

Paraquat poisoning. An overview of the current status.

[Free radicals in industrial medicine: their mechanisms of toxicity and biological relevance].

Ground-glass hepatocytes: light and electron microscopy. Characterization of the different types.

[The effect of chronic butyphos poisoning on protein and nucleic acid synthesis in various rat organs and activity of blood cholinesterase].

Military working dogs may be a sentinel for human cancer.

Chronic toxicity and oncogenicity of picloram in Fischer 344 rats.

Mechanism of protection of alveolar type II cells against paraquat-induced cytotoxicity by deferoxamine.

Overexpression of Cu-Zn superoxide dismutase in *Drosophila* does not affect life-span.

Inhibition of rat heart mitochondrial electron transport in vitro: implications for the cardiotoxic action of allylamine or its primary metabolite, acrolein.

Failure of acrolein to produce sensitization in the guinea pig maximization test.

Summary of safety evaluation toxicity studies of glufosinate ammonium.

The protective effect of sulfite on menadione- and diquat-induced cytotoxicity in isolated rat hepatocytes.

PO₂ modulation of paraquat-induced microvascular injury in isolated dog lungs.

In vitro studies of aldehyde effects related to human respiratory carcinogenesis.

Degradation of the chlorinated phenoxyacetate herbicides 2,4-dichlorophenoxyacetic acid and 2,4,5-trichlorophenoxyacetic acid by pure and mixed bacterial cultures.

Urinary paraquat in acute intoxication.

Mortality study of Canadian male farm operators: non-Hodgkin's lymphoma mortality and agricultural practices in Saskatchewan.

Herbicides and non-Hodgkin's lymphoma: new evidence from a study of Saskatchewan farmers.

[Toxicity of paraquat used in the form of aerosols in experimental studies].

Evaluation of N-acetylcysteine and methylprednisolone as therapies for oxygen and acrolein-induced lung damage.

The effects of drugs, other foreign compounds, and cigarette smoke on the synthesis of protein by lung slices.

An assessment of the role of redox cycling in mediating the toxicity of paraquat and nitrofurantoin.

Xanthine oxidase is increased and contributes to paraquat-induced acute lung injury.

The importance of epithelial uptake systems in lung toxicity.

Aspects of pesticide toxicology.

A novel lung slice system with compromised antioxidant defenses.

[Acute changes in the body of laboratory rats during development after the parenteral administration of the herbicide Zeazin S-40. I. Determination of LD50 and other biochemical findings].

[Pulmonary lesion of paraquat poisoning on high resolution CT].

Clinical presentation and management of acute 2,4-D oral ingestion.

The improbable association between the herbicide 2,4-D and polyneuropathy.

[Ethics, politics and interpretation of scientific evidence of health hazards caused by environmental and occupational exposure].

Pulmonary toxicity induced by chemical agents.

Alkaline diuresis for acute poisoning with chlorophenoxy herbicides and ioxynil.

Initial accumulation of paraquat in the heart leading to acute death.

Effect of ethanol on acute paraquat toxicity in rabbits.

Chronic toxicity of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in mice.

Relationship of DNA damage and embryotoxicity induced by 4-hydroperoxydechlorocyclophosphamide in postimplantation rat embryos.

Potential of the cell specific toxicity of paraquat by 1,3-bis(2-chloroethyl)-1-nitrosourea (BCNU). Implications for the heterogeneous distribution of glutathione (GSH) in rat lung.

Association between soft tissue sarcomas, malignant lymphomas, and phenoxy herbicides/chlorophenols: evidence from occupational cohort studies.

Electroencephalographical analysis of acute paraquat poisoning.

Pentachlorophenol-associated aplastic anemia, red cell aplasia, leukemia and other blood disorders.

Full thickness skin burns secondary to an unusual exposure to diquat dibromide.

Phenoxy acid herbicides and contaminants: description of the IARC International Register of Workers. IARC Working Group.

[Use of extracorporeal circulation in the treatment of 2,4-dichlorophenoxyacetic acid poisoning].

Toxicokinetics of paraquat in humans.

Paraquat pharmacokinetics using a subcutaneous toxic low dose in the rat.

Measurement of ATV applicator exposure to atrazine using an ELISA method.

Assessment of human exposure to atrazine through the determination of free atrazine in urine.

Correlation between lipid peroxidation and morphological manifestation of paraquat-induced lung injury in rats.

An unusual case of fatal accidental paraquat poisoning.

Increase in the acute toxicity and brain concentrations of chlorophenoxyacetic acids by probenecid in rats.

Zinc--a redox-inactive metal provides a novel approach for protection against metal-mediated free radical induced injury: study of paraquat toxicity in *E. coli*.

[Distribution and elimination of C-14-2,4-dichlorophenoxyacetic acid (2,4 D) in rat tissues in acute poisoning].

[Structural changes in the lung in the late stage of fatal paraquat poisoning].

Poisoning by some insecticides, herbicides and fungicides.

Biological valuation of extra-corporeal techniques in acute poisoning.

Environmental epidemiology of non-Hodgkin's lymphoma in eastern Nebraska.

Methodologic issues in exposure assessment for case-control studies of cancer and herbicides.

Inhibition of lung damage caused by paraquat with lymphokines or cytokines.

A meta-analysis of exposure to phenoxy acid herbicides and chlorophenols in relation to risk of soft tissue sarcoma.

Paraquat toxicity and pyridine nucleotide coenzyme synthesis: a data correction.

A possible role for calcium in oxidative plant stress.

[Biochemical changes in the brain tissue of white rats exposed to the herbicide acetochlor under acute and subacute oral experimental conditions].

Behavioral changes in rats fed a diet containing 2,4-dichlorophenoxyacetic butyl ester.

The response of primary cultured adult mouse sensory neurons to ethanol, propanol, acetaldehyde and acrolein treatments.

Oxygen radicals in lung pathology.

Comparison of the toxicology of the herbicide roundup by oral and pulmonary routes of exposure.

Health status of Air Force veterans occupationally exposed to herbicides in Vietnam. II. Mortality.

Health status of Air Force veterans occupationally exposed to herbicides in Vietnam. I. Physical health.

Induction of superoxide dismutase in leukocytes by paraquat: correlation with age and possible predictor of longevity.

Acquisition and decay of heat-shock-enhanced postischemic ventricular recovery.

Environmental risk factors in Parkinson's disease.

Chronic effects of arsenic on American red crayfish, *Procambarus clarkii*, exposed to monosodium methanearsonate (MSMA) herbicide.

Interleukin 1 pretreatment decreases ischemia/reperfusion injury.

[Study of the effect of carbathione on embryogenesis in albino rats].

Tyrosine kinase activation during lung injury, fibrosis, and compensatory lung growth.

Role of sulfidopeptide leukotrienes in synthetic smoke inhalation injury in sheep.

Energetic metabolism and fatigability in experimental myotonia.

Xanthine oxidase-derived H₂O₂ contributes to reperfusion injury of ischemic skeletal muscle.

Derecruitment of filtration surface area in paraquat-injured isolated dog lungs.

Co-existence of hepatocyte ground-glass inclusions from several causes.

Possible role of acetaldehyde in ethanol-related rectal cocarcinogenesis in the rat.

Inhibitory effects of cobalt chloride and cinnamaldehyde on 5-azacytidine-induced digital malformations in rats.

Acid-base balance and cardiac index in SO₂-bronchitic, papaine-emphysematous and paraquat-fibrotic rats after isoproterenol treatment.

Effects of skin preapplication treatments and postapplication cleansing agents on dermal absorption of 2,4-dichlorophenoxyacetic acid dimethylamine by Fischer 344 rats.

Relationship between growth of *Escherichia coli* and susceptibility to the lethal effect of paraquat.

Human phagocytic cells as oxygen metabolite scavengers.

Detection and isolation of pentachlorophenol in oil samples associated with the Spanish toxic oil syndrome.

Behavioral and neurochemical changes associated with chronic exposure to low-level concentration of pesticide mixtures.

Effects of sulfur-containing metabolites of hexachlorobenzene on the heme metabolic enzymes in rat liver.

Influence of oxidative stress on the age-linked alterations of the cerebral glutathione system.

Neutrophil-mediated cytotoxicity induced by secretory IgA.

Effects of dose, age, inhibition of metabolism and elimination on the toxicokinetics of 2-butoxyethanol and its metabolites.

Paraquat toxicity is increased in *Escherichia coli* defective in the synthesis of polyamines.

Formation of the 37-kD protein-acetaldehyde adduct in primary cultured rat hepatocytes exposed to alcohol.

Assay of the human leukocyte enzymes myeloperoxidase and eosinophil peroxidase.

Aminotriazole effects on lung and heart H₂O₂ detoxifying enzymes and TBA-RS at two pO₂.

Influence of aging on ethanol and acetaldehyde oxidation in female rat liver.

Effects of acrolein on human platelet aggregation.

A role for a new vascular enzyme in the metabolism of xenobiotic amines.

[The effect of histamine H₁ receptors on the secretory function and blood flow in the gastric mucosa].

Correlation between acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and total body fat content in mammals.

Inhibition of growth by 2,3,7,8-tetrachlorodibenzo-p-dioxin in 5L rat hepatoma cells is associated with the presence of Ah receptor.

Multiple DNA-binding factors interact with overlapping specificities at the aryl hydrocarbon response element of the cytochrome P450IA1 gene.

Antigen-induced cross-linking of the IgE receptor leads to an association with the detergent-insoluble membrane skeleton of rat basophilic leukemia (RBL-2H3) cells.

Reactive oxygen metabolites in endotoxin-induced acute renal failure in rats.

[Experimental study of combined effects of benzo(a)pyrene and ortho-cresol on the body].

Hydrogen peroxide-induced alterations in prostaglandin secretion in the rat colon in vitro.

A critical review of the developmental toxicity and teratogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: recent advances toward understanding the mechanism.

Acetaldehyde-collagen adducts in CCl₄-induced liver injury in rats.

Towards a more effective management of pregnancy related anaemias in Africa.

Therapeutic effects of fengabine, a new GABAergic agent, in depressed outpatients: a double-blind study versus clomipramine.

Autologous blood transfusions in children and young adults with low body weight undergoing spinal surgery.

Human body burden of polychlorinated dibenzofurans associated with toxicity based on the yusho and yucheng incidents.

Inhibition of abl oncogene tyrosine kinase induces erythroid differentiation of human myelogenous leukemia K562 cells.

Embryotoxic effects of sodium azide infusions in the Syrian hamster.

Examination of immune parameters and host resistance mechanisms in B6C3F1 mice following adult exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Human HLA-DR beta gene hypervariable region homology in the biobreeding BB rat: selection of the diabetic-resistant subline as a rheumatoid arthritis research tool to characterize the immunopathologic response to human type II collagen.

Substitution of arginine for glycine at position 847 in the triple-helical domain of the alpha 1 (I) chain of type I collagen produces lethal osteogenesis imperfecta. Molecules that contain one or two abnormal chains differ in stability and secretion.

Pesticide exposures and other agricultural risk factors for leukemia among men in Iowa and Minnesota.

A base substitution at a splice site in the COL3A1 gene causes exon skipping and generates abnormal type III procollagen in a patient with Ehlers-Danlos syndrome type IV.

Sinemet-ferrous sulphate interaction in patients with Parkinson's disease.

The effect of TCDD on acyl CoA:retinol acyltransferase activity and vitamin A accumulation in the kidney of male Sprague-Dawley rats.

Remarkable residual alterations in responses to feeding regulatory challenges in Han/Wistar rats after recovery from the acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Poppy tea drinking in East Anglia.

Formation of the 37KD protein-acetaldehyde adduct in liver during alcohol treatment is dependent on alcohol dehydrogenase activity.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-induced appetite suppression in the Sprague-Dawley rat is not a direct effect on feed intake regulation in the brain.

Inhibition of testicular steroidogenesis in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats: evidence that the key lesion occurs prior to or during pregnenolone formation.

Thermogenesis and thermoregulatory function of iron-deficient women without anemia.

Confirmation by peptide sequence and co-expression on various cell types of the identity of CD44 and P85 glycoprotein.

Two modes of idiotypic stimulation of T lymphocytes from patients with Chagas' disease: correlations with clinical forms of infection.

Potassium accumulation in the globally ischemic mammalian heart. A role for the ATP-sensitive potassium channel.

Enhanced deposition of predominantly type I collagen in myocardial disease.

Specificity of antibodies to type II collagen in rheumatoid arthritis.

Human immunodeficiency virus I-induced expression of P-glycoprotein.

[Excretion of phenol and p-cresol in the urine in fasting obese individuals and in persons treated with total enteral nutrition].

Prevalence of iron deficiency in children aged 9-24 mo from a large urban area of Argentina.

Photosensitizing potential of benzanthrone.

Oxidative injury mediated by the hepatic cytochrome P-450 system in conjunction with cellular iron. Effects on the pathway of haem biosynthesis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin enhances responsiveness to post-ingestive satiety signals.

Reversible focal neurologic deficits in severe iron deficiency anemia.

Immunoglobulin heavy-chain-associated amyloidosis.

Epitopes of Escherichia coli alpha-hemolysin: identification of monoclonal antibodies that prevent hemolysis.

Preliminary report: furunculosis and hypoferraemia.

Inhibition of high-density growth arrest in human squamous carcinoma cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Neutral and acidic human tracheobronchial mucin. Isolation and characterization of core protein.

Diversity of antibodies to type II collagen in patients with rheumatoid arthritis: detection by binding to alpha-chains and to cyanogen bromide peptides.

Contact sensitization by pesticides in farmers.

Another mechanism for the defect in type III collagen accumulation in Ehlers-Danlos syndrome type IV: increased intracellular degradation of the procollagen.

Influence of latent iron deficiency on generation of oxygen species in polymorphonuclear leucocytes.

Ontogeny of mitochondrial calcium transport in spontaneously hypertensive (SHR) and WKY rats.

Detection of point mutations in type I collagen by RNase digestion of RNA/RNA hybrids.

Effect of rhein on the glucose metabolism of Ehrlich ascites tumor cells.

Differential toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C57BL/6J mice congenic at the Ah Locus.

Identification of cytochrome P450IA2 as a human autoantigen.

[Iron deficiency and pregnancy. A survey in a Mother and Child Care Center in Niamey (Niger)].

Altered calcium homeostasis in irreversibly injured P388D1 macrophages.

[Treatment of pulp diseases in milk teeth with chlorocamphomenthol].

[Hemolytic anemia following surgical repair of mitral valve insufficiency in children].

Excess of seminomas observed in Vietnam service U.S. military working dogs.

[Evolution of autotransfusion: effect of a diet with and without the ingestion of iron].

Two cases of acute toluene intoxication.

Occupation and the risk of bladder cancer.

Influence of dissolution rate and pH of oral medications on drug-induced esophageal injury.

Lack of I-compounds in DNA from a spectrum of Morris hepatomas.

[Development of the concept of antidotes: the contribution of clinical toxicology].

[The nature, severity and distribution of obstructive airway lesions in COPD studied by morphometry and computer-assisted 3-D reconstruction].

Effect of sodium azide on hydrogen peroxide production by zymosan-activated human neutrophils.

Treatment of the endodontic emergency: a decade later.

Hepatic steatosis in zebra fish (*Brachydanio rerio*) induced by long-term exposure to gamma-hexachlorocyclohexane.

Characterization of ATP and calmodulin-binding properties of a truncated form of *Bacillus anthracis* adenylate cyclase.

Mechanism of the toxicity of 2,3,7,8-TCDD.

Studies on the role of lipid peroxidation in the acute toxicity of TCDD in rats.

Cellular fatty acid compositions of an unidentified organism and a bacterium associated with cat scratch disease.

Appropriateness of DSM-III-R criteria for posttraumatic stress disorder.

Isoproterenol-induced maximal heart rate in normothermic and hyperthermic horses.

Identification of 2-(2'-octenyl) succinic acid in urine.

Targeted deletion mutagenesis of the beta subunit of cytochrome b559 protein destabilizes the reaction center of photosystem II.

[Effect of monoamine neurotransmitters in the hypothalamus in a cortisol-induced rat model of yang-deficiency].

Decreased survival rate of pancreatic acinar cells isolated from rats with acute pancreatitis.

Antitumor activity of T-2 toxin-conjugated monoclonal antibody to murine thymoma.

Influence of habitat modification on the intestinal helminth community ecology of cottontail rabbit populations.

Fibril in senile systemic amyloidosis is derived from normal transthyretin.

Intradural granulocytic sarcoma presenting as a lumbar radiculopathy. Case report.

Role of the Ah locus in suppression of cytotoxic T lymphocyte activity by halogenated aromatic hydrocarbons (PCBs and TCDD): structure-activity relationships and effects in C57Bl/6 mice congenic at the Ah locus.

Molecular cloning of a cDNA encoding a major pathogenic domain of the Heymann nephritis antigen gp330.

Modification of membrane permeability measured by Texas-Red during cell cycle progression and differentiation.

Evaluation of national nutritional anemia prophylaxis programme.

A latent Mr 94,000 gelatin-degrading metalloprotease induced during differentiation of HL-60 promyelocytic leukemia cells: a member of the collagenase family of enzymes.

Cytosolic-nuclear tumor promoter-specific binding protein (CN-TPBP) in human promyelocytic leukemia cells HL-60.

Two-year oral chronic toxicity and carcinogenicity study in rats of diets fumigated with methyl bromide.

Synthesis of human splenin (hSP) and examination of its immunological effects on the impaired T- and B-lymphocytes in uremic patients.

[Acute myelomonocytic leukemia with mastocytosis in bone marrow].

Histological examination of the temporal bone in medicolegal cases of asphyxia.

Ethylene dichloride: the influence of disulfiram or ethanol on oncogenicity, metabolism, and DNA covalent binding in rats.

Relative toxicity and tumor-promoting ability of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), 2,3,4,7,8-pentachlorodibenzofuran (PCDF), and 1,2,3,4,7,8-hexachlorodibenzofuran (HCDF) in hairless mice.

Spontaneous formation of pigmentary precipitates in bile salt-depleted rat bile and its prevention by micelle-forming bile salts.

The effect of mitochondrial inhibitors on calcium homeostasis in tumor mast cells.

Neurogenic inflammation, vascular permeability, and mast cells. Capsaicin desensitization fails to influence IgE-anti-DNP induced vascular permeability in rat airways.

Unintentional methyl bromide gas release--Florida, 1988.

Cornified envelopes in congenital disorders of keratinization.

Illness, injuries, and deaths from pesticide exposures in California 1949-1988.

Methemoglobinemia with oxidized hemoglobins and modified hemoglobins found in bloods of workers handling aromatic compounds and in those of a man who drank cresol solution.

Death following accidental sodium azide ingestion.

Parkinson's disease: a case-control study of occupational and environmental risk factors.

Methyl bromide intoxication in four field-workers during removal of soil fumigation sheets.

Embryotoxic effects of sodium arsenite and sodium arsenate on mouse embryos in culture.

Epidemic hypotension in a dialysis center caused by sodium azide.

Cross-antigenicity between the major surface proteins (ospA and ospB) and other proteins of *Borrelia burgdorferi*.

Urinary levels of proteins and metabolites in workers exposed to toluene. A cross-sectional study.

Mortality and morbidity among Army Chemical Corps Vietnam veterans: a preliminary report.

Cancer in Iowa farmers: recent results.

Epidemiologic studies of cancer in agricultural workers.

The specific DNA binding activity of the dioxin receptor is modulated by the 90 kd heat shock protein.

Uptake and release of calcium ions by heavy sarcoplasmic reticulum fraction of normal and malignant hyperthermia-susceptible human skeletal muscle.

Kinetics of internalization and cytotoxicity of transferrin-neocarzinostatin conjugate in human leukemia cell line, K562.

Thirty-four-year mortality follow-up of BASF employees exposed to 2,3,7,8-TCDD after the 1953 accident.

Marfan syndrome: absence of type I or III collagen structural defects in 25 patients.

Comparative studies on the action of 7-N-[2-[[2-(gamma-L-glutamylamino)ethyl]dithio]ethyl]mitomycin C and of mitomycin C on cultured HL-60 cells and isolated phage and plasmid DNA.

Canadian Farm Operator Study: methodology.

Local mechanical oscillations of the cell surface within the range 0.2-30 Hz.

Reversible alteration in the expression of the gap junctional protein connexin 32 during tumor promotion in rat liver and its role during cell proliferation.

A new perspective of S-antigen from immunochemical analysis.

Golgi-like demonstration of "dark" neurons with an argyrophil III method for experimental neuropathology.

Occupational and environmental hygiene assessment of fumigations with methyl bromide.

Lung injury in Fischer but not Sprague-Dawley rats after short-term hyperoxia.

Effects of glutathione depletion on the acute nephrotoxic potential of arsenite and on arsenic metabolism in hamsters.

Alteration in protein synthesis in primary cultures of rat kidney proximal tubule epithelial cells by exposure to gallium, indium, and arsenite.

The association of selected cancers with service in the US military in Vietnam. III. Hodgkin's disease, nasal cancer, nasopharyngeal cancer, and primary liver cancer. The Selected Cancers Cooperative Study Group.

The association of selected cancers with service in the US military in Vietnam. II. Soft-tissue and other sarcomas. The Selected Cancers Cooperative Study Group.

The association of selected cancers with service in the US military in Vietnam. I. Non-Hodgkin's lymphoma. The Selected Cancers Cooperative Study Group.

Changes in disposition kinetics of sulphadimidine in response to acute regional liver damage in sheep.

Cloning of the E. coli O-acetylserine sulfhydrylase gene: ability of the clone to produce a mutagenic product from azide and O-acetylserine.

Hepatic aryl hydrocarbon hydroxylase and cytochrome P450 induction following the transpulmonary absorption of TCDD from intratracheally instilled particles.

Prothymocyte activity is reduced by perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Drug-induced esophageal injury. Histopathological study in a rabbit model.

Consideration of both genotoxic and nongenotoxic mechanisms in predicting carcinogenic potential.

Comparison of the intoxication pathways of tumor necrosis factor and diphtheria toxin.

Tissue uptake of lithium in guinea-pig isolated intestinal mucosa after chronic lithium ingestion.

Priming the system that causes the release of cytosolic proteins in the perfused rat heart.

Incorporation of a subacute test with zebra fish into a hierarchical system for evaluating the effect of toxicants in the aquatic environment.

Gas chromatographic determination of cresols in the biological fluids of a non-fatal case of cresol intoxication.

Flow cytometric analysis of lymphocyte subpopulations in the spleen and thymus of mice exposed to an acute immunosuppressive dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

[Morphofunctional status of blood and bone marrow cells in acute experimental hepatitis induced by allyl alcohol].

Expression and biochemical characterization of human immunodeficiency virus type 1 nef gene product.

Halothane impairs the bioenergetic functions of isolated rat liver mitochondria.

The rapid detection of direct-acting DNA mutagens by electrical impedance with a DNA repair-deficient strain of *Escherichia coli*.

2,3,7,8-tetrachlorodibenzo-p-dioxin increases the potency of androgens and estrogens as feedback inhibitors of luteinizing hormone secretion in male rats.

Glutathione enhancement in various mouse organs and protection by glutathione isopropyl ester against liver injury.

Lipid peroxidation and antioxidant systems in the liver injury produced by glutathione depleting agents.

Collagen biosynthesis in rabbit intraarticular patellar tendon transplants.

Acute toxicity of cadmium, copper, zinc, ammonia, 3,3'-dichlorobenzidine, 2,6-dichloro-4-nitroaniline, methylene chloride, and 2,4,6-trichlorophenol to juvenile grass shrimp and killifish.

Age-related DNA modifications (I-compounds): modulation by physiological and pathological processes.

Protein degradation in cultured fetal hepatocytes. Absence of an inhibitory effect of insulin.

The involvement of the photoinhibition of photosystem II and impaired membrane energization in the reduced quantum yield of carbon assimilation in chilled maize.

Malformed fetuses and karyotype abnormalities in the offspring of cyclophosphamide and allyl alcohol-treated male rats.

Lipid peroxidation effects of a novel iron compound, ferric maltol. A comparison with ferrous sulphate.

Thionamides and arsenite inhibit specific T3 binding to the hepatic nuclear receptor.

Role of nerve growth factor in oxidant-antioxidant balance and neuronal injury. I. Stimulation of hydrogen peroxide resistance.

Influence of dietary zinc and iron on zinc retention in pregnant rhesus monkeys and their infants.

Impairment of prothymocyte activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Herpes simplex virus type 1 ribonucleotide reductase: selective and synergistic inactivation by A1110U and its iron complex.

Isolation and sequencing of NOP1. A yeast gene encoding a nucleolar protein homologous to a human autoimmune antigen.

CO(2) Incorporation and 4-Hydroxy-2-Methylbenzoic Acid Formation during Anaerobic Metabolism of m-Cresol by a Methanogenic Consortium.

Ionic imbalances in the CNS of neonate rat during induced benthocarb stress.

Molecular cloning of human protein 4.2: a major component of the erythrocyte membrane.

Two evolutionary models for the interactions of dietary organic cyanogens, hemoglobins, and falciparum malaria.

Preservatives in insulin preparations impair leukocyte function. In vitro study.

Ascorbate- and hemoglobin-dependent brain chemiluminescence.

Evaluation of a 14-day static renewal toxicity test with *Daphnia magna* straus.

Effects of perfluoro-n-decanoic acid on the respiratory activity of isolated rat liver mitochondria.

Dioxin levels in adipose tissues of hospitalized women living in the south of Vietnam in 1984-89 with a brief review of their clinical histories.

Effects of selected chemicals on the glutathione status in the male reproductive system of rats.

Limitations of the erythropoietic response to serial phlebotomy: implications for autologous blood donor programs.

Agrobacterium in plant disease, biological disease control and plant genetic engineering.

High molecular weight forms of deferoxamine: novel therapeutic agents for treatment of iron-mediated tissue injury.

The role of vitamin E in the hepatotoxicity by glutathione depleting agents.

Oxidative stress induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Metabolism and pulmonary toxicity of cyclophosphamide.

Persistence of gluconeogenesis in *Escherichia coli* poisoned by oxidant stress.

Hepatotoxin-induced hypertaurinuria: a proton NMR study.

On the molecular interactions between fibrin, tissue-type plasminogen activator and plasminogen.

Differences in time course of hepatocyte and pancreocyte damage after incubation with trypsin, chymotrypsin and 2,4-dinitrophenol.

Metabolism of chloronitrobenzenes by isolated rat hepatocytes.

[Hematologic parameters in repeated autologous blood donation].

[The effect of 2,3,7,8-tetrachlorodibenzo-para-dioxin on the reproduction of human immunodeficiency virus in lymphoid cell cultures].

Multiple, spatially distinct T cell epitopes within a pathogenic 123 residue cyanogen bromide peptide of bovine retinal s-antigen.

Inhibitory effect of paraquat on biotransformation of halothane in rabbit liver microsomes.

Effect of herbicide banvel on rabbit vaginal mucus membrane.

Development of a standardized reproduction toxicity test with the earthworm species *Eisenia fetida andrei* using copper, pentachlorophenol and 2,4-dichloroaniline.

ICRF 187 and polyhydroxyphenyl derivatives fail to protect against bleomycin induced lung injury.

Diquat hepatotoxicity in the Fischer-344 rat: the role of covalent binding to tissue proteins and lipids.

Paraquat resistance associated with reduced NADPH reductase in an energy-dependent paraquat-accumulating cell line.

Calcium carbimide in alcoholism treatment. Part 2: Medical findings of a short-term, placebo-controlled, double-blind clinical trial.

Behavioural, ECoG and neuropathological effects after intracerebral injection of MPP+ and paraquat in rats.

The effects of atrazine on microcosms developed from four natural plankton communities.

Paraquat poisoning: per vagina.

Acute health effects of community exposure to cotton defoliant.

[Photoallergic dermatitis caused by the herbicide phenmedipham].

Exposure to paraquat through skin absorption: clinical and laboratory observations of accidental splashing on healthy skin of agricultural workers.

Total exclusion from external respiration protects lungs from development of fibrosis after paraquat intoxication.

Oral and dermal pharmacokinetics of triclopyr in human volunteers.

[Hepatotoxicity induced by cyanamide. A review of the anatomicopathological changes apropos a case].

[Structural changes in the rat cerebral cortex induced by alcohol in combination with aldehyde dehydrogenase inhibitors].

Effect of paraquat on serum and lung angiotensin I converting enzyme (AICE) activity in beagle dogs.

The boring story of Agent Orange already is outdated.

[Acute poisoning by herbicide compounds].

Carcinogenicity and teratogenicity vs. psychogenicity: psychological characteristics associated with self-reported Agent Orange exposure among Vietnam combat veterans who seek treatment for substance abuse.

Toxicity test procedures for *Hyalella azteca*, and chronic toxicity of cadmium and pentachlorophenol to *H. azteca*, *Gammarus fasciatus*, and *Daphnia magna*.

Bronchial artery ligation modifies pulmonary edema after exposure to smoke with acrolein.

Effects of different dilution water types on the acute toxicity to juvenile Pacific salmonids and rainbow trout of glyphosate and its formulated products.

Gardening and young onset Parkinson disease.

Testing of genotoxic effects of 2,4-dichlorophenoxyacetic acid (2,4-D) using multiple genetic assay systems of plants.

Effectiveness of sodium sugar sulfates on acute toxicity of paraquat in mice.

Dioxin and health. Agent Orange study blasted.

A morphologic study of Vietnam veterans.

HPLC measurement of chlorophenoxy herbicides, bromoxynil, and ioxynil, in biological specimens to aid diagnosis of acute poisoning.

The epidemiology of paraquat intoxications in Surinam.

[Failure of a cyclophosphamide-dexamethasone combination in paraquat poisoning].

[Clinical studies on paraquat poisoning; prognosis and severity index of paraquat poisoning using the urine levels].

[Evaluation of the capability of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine and pyridine derivatives to evoke parkinsonism].

Cancer risk in a cohort of licensed pesticide users.

Preventive effect of taurine against acute paraquat intoxication in beagles.

Parkinson disease in farm workers.

Quantitative evaluation of chlortoluran-induced splenic hemosiderosis by means of an image analyzer.

Comparative toxicity of allylamine and acrolein in cultured myocytes and fibroblasts from neonatal rat heart.

Acute vapour inhalation toxicity of acrolein and its influence as a trace contaminant in 2-methoxy-3,4-dihydro-2H-pyran.

Effect of acute propanil exposure on the immune response of C57Bl/6 mice.

Urological complications of cyclophosphamide.

Paraquat poisoning with acute renal failure--a case report.

[Paraquat poisoning. Pulmonary lesions].

[Anabolic effects of sodium selenite, vitamin E and retabolil in experimental hypotrophy induced by a pesticide].

Production and toxicological application of anti-paraquat antibodies.

A variant of mass (epidemic) psychogenic illness in the agricultural work setting.

Effects of paraquat on canine bronchoalveolar lavage fluid.

Null mutation of copper/zinc superoxide dismutase in *Drosophila* confers hypersensitivity to paraquat and reduced longevity.

The effects of 24% paraquat (1,1'-dimethyl-4,4'-bipyridylium dichloride) on hemodynamics, blood gases, plasma lactate and plasma catecholamines in dogs.

[A 73-year-old patient with discrete changes in hepatic biochemistry].

Immunotherapy for the treatment of acute paraquat poisoning.

Rat urinary bladder epithelial lesions induced by acrolein.

Effects of paternal subacute exposure to Tordon 202c on fetal growth and development in CD-1 mice.

Continuous intravenous infusion of deferoxamine reduces mortality by paraquat in vitamin E-deficient rats.

Free radical effects on lung metabolism.

Contact leucoderma from paraquat dichloride?

[Paraquat poisoning: clinical and anatomopathologic aspects in 3 cases].

Dinoseb toxicosis in two dogs.

Phenoxy herbicides and non-Hodgkin's lymphoma in New Zealand: frequency and duration of herbicide use.

Triazine herbicides and ovarian epithelial neoplasms.

Effectiveness of vitamin E and colchicine in amelioration of paraquat lung injuries using an experimental model.

Acute arsenic toxication of a free-ranging white-tailed deer in New York.

The logic of a controversy: the case of Agent Orange in Australia.

[Characteristics of the development of cataract models against a background of poisoning].

The ratio of oxidized/reduced glutathione as an index of oxidative stress in various experimental models of shock syndrome.

A new method for predicting the outcome and survival period in paraquat poisoning.

Environmental fate of alachlor and metolachlor.

Mechanistic studies: their role in the toxicological evaluation of pesticides.

Phenoxy herbicides and cancer: insufficient epidemiologic evidence for a causal relationship.

[Lung changes in rats under the action of paraquat and the importance of antioxidants].

Effects of gestational exposure to Tordon 202c on fetal growth and development in CD-1 mice.

[Problem of correlating the effect of carbon fiber dust on the body and the degree of migration of residual monomers and the products of their thermal destruction in a model biological media].

Determination of paraquat in raw and formalin-fixed tissues by electron spin resonance (ESR) spectroscopy.

An immunohistochemical study of the fibrosing process in paraquat lung injury.

Phenoxyacetic acid herbicides and chlorophenols and the etiology of lymphoma and soft-tissue neoplasms.

[Toxicological and hygienic characteristics of sulfocarbathione].

Elevated superoxide dismutase in Bloom's syndrome: a genetic condition of oxidative stress.

The relation between the oxidative biotransformation of hexachlorobenzene and its porphyrinogenic activity.

Enhanced in vivo H₂O₂ generation by rat kidney in glycerol-induced renal failure.

An evaluation of purified reconstituted type 1 collagen fibers.

A new activity of herbimycin A: inhibition of angiogenesis.

Mitochondria and xanthine oxidase both generate reactive oxygen species in isolated perfused rat liver after hypoxic injury.

The coincidence of myocardial reperfusion injury and hydrogen peroxide production in the isolated rat heart.

Experimental pulmonary fibrosis induced by paraquat plus oxygen in rats: a morphologic and biochemical sequential study.

Endotoxin pretreatment increases endogenous myocardial catalase activity and decreases ischemia-reperfusion injury of isolated rat hearts.

Erythrocyte catalase decreases cardiac reperfusion injury.

Bronchial responsiveness and inflammation in guinea pigs exposed to acrolein.

Cyanamide and its calcium form: do they differ with respect to their action on the liver cell? Experimental study in the rat.

Inhibition of brain dopa-decarboxylase by RO 4-4602 infused ICV blocks alcohol drinking induced in rats by cyanamide.

Relationship between changes in alveolar surfactant levels and lung defence mechanisms.

Nuclearly inherited diuron-resistant mutations conferring a deficiency in the NADH--or succinate--ubiquinone oxidoreductase activity in *Saccharomyces cerevisiae*.

Resistance of rat pulmonary alveolar epithelial cells to neutrophil- and oxidant-induced injury.

Relative importance of intracellular glutathione peroxidase and catalase in vivo for prevention of peroxidation to the heart.

Methoxyflurane enhances allyl alcohol hepatotoxicity in rats. Possible involvement of increased acrolein formation.

Effects of MPTP, MPP⁺ and paraquat on mitochondrial potential and oxidative stress.

Effect of chronic ethanol, catalase inhibitor 3-amino-1,2,4-triazole and clofibrate treatment on lipid peroxidation in rat myocardium.

Catalase is needed to avoid tissue peroxidation in *Rana perezi* in normoxia.

[Effects of IPO-63, Carbaryl, Foschlor and Reglone on Newcastle disease virus replication in chick embryo and chick embryo cell cultures].

NADPH-dependent drug redox cycling and lipid peroxidation in microsomes from human term placenta.

Biological activity of 2,4,8-trichlorodibenzofuran: promotion of rat liver foci and induction of cytochrome P-450-dependent monooxygenases.

[Preventing iron deficiency in breast-fed infants by suitable supplementary food. A prospective, controlled study].

Hemoglobin as a predictor of response to iron therapy and its use in screening and prevalence estimates.

Alteration of the acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) by estradiol and tamoxifen.

The adrenocorticotrophic hormone (ACTH)-induced reversal of hemorrhagic shock.

Identification of an immunosuppressive epitope of type II collagen that confers protection against collagen-induced arthritis.

A highly potent antiangiogenic activity of retinoids.

Epidermal damage induced by irritants in man: a light and electron microscopic study.

Induction of endonucleolytic DNA cleavage in human acute myelogenous leukemia cells by etoposide, camptothecin, and other cytotoxic anticancer drugs: a cautionary note.

[In vivo study of the analgesic action of different methods and drugs in endodontics].

Acute toxicity of perfluorodecanoic acid in C57BL/6 mice differs from 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Teratogenic assessment of 2,4-dichlorophenol in Fischer 344 rats.

Biological monitoring of arsenic exposure of gallium arsenide- and inorganic arsenic-exposed workers by determination of inorganic arsenic and its metabolites in urine and hair.

Medical monitoring of dioxin clean-up workers.

Effects of hypoxia, elevated K⁺ and acidosis on the potency of verapamil, diltiazem and nifedipine in the guinea-pig isolated papillary muscle.

Characterization of mammalian type IX collagen fragments from limited pepsin digests of a transplantable swarm rat chondrosarcoma.

Effects of the beta-isomer of hexachlorocyclohexane on estrogen-sensitive human mammary tumor cells.

[Noncirrhotic liver fibrosis after chronic arsenic poisoning].

Identification of T cell recognition sites in S-antigen: dissociation of proliferative and pathogenic sites.

Fibrinogen Baltimore IV: congenital dysfibrinogenemia with a gamma 275 (Arg----Cys) substitution.

Effect of tetrachlorodibenzo-p-dioxin (TCDD) on the glucuronidation of retinoic acid in the rat.

The central nervous system may be involved in TCDD toxicity.

Albumin decreases hydrogen peroxide and reperfusion injury in isolated rat hearts.

Interaction of mammalian cells with polymorphonuclear leukocytes: relative sensitivity to monolayer disruption and killing.

Fatal azide-induced cardiomyopathy presenting as acute myocardial infarction.

Epidemiologic study of Parkinson's disease in Hong Kong.

Collagen types and matrix protein content in human abdominal aortic aneurysms.

Effect of subacute low level dietary sodium arsenite on dogs.

Mitochondrial myopathies: morphological and biochemical studies in human muscle cultures.

Stabilization of ornithine decarboxylase in erythroleukemia cells depleted of ATP.

Prediction and evaluation of the effect of iron treatment in anaemic RA patients.

Occupation and lymphoid neoplasms.

Species differences in estrogen receptors and in the response to 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced porphyria in genetically inbred mice: partial antagonism and mechanistic studies.

Cottonseed meal (gossypol) toxicosis in a swine herd.

Preliminary findings on iron supplementation and learning achievement of rural Indonesian children.

Iron deficiency and educational achievement in Thailand.

Estimation of the body burden of arsenic in a child fatally poisoned by arsenite weedkiller.

Intracellular distribution and pharmacokinetics of daunorubicin in anthracycline-sensitive and -resistant HL-60 cells.

Structure-dependent induction of aryl hydrocarbon hydroxylase in human breast cancer cell lines and characterization of the Ah receptor.

Nigexine, a phospholipase A2 from cobra venom with cytotoxic properties not related to esterase activity. Purification, amino acid sequence, and biological properties.

[Oral iron therapy. Bioavailability and therapeutic effectiveness of ferrous iron in effervescent tablets in posthemorrhagic iron deficiency anemia].

Suppression of aryl hydrocarbon hydroxylase activity in human primary lung carcinoma x mouse hepatoma somatic cell hybrids.

Iron management during recombinant human erythropoietin therapy.

[Study on the effects of Dobells' solution].

Effect of sodium arsenite on the induction and turnover of ornithine decarboxylase activity in erythroleukemia cells.

Induction of in vitro differentiation of mouse embryonal carcinoma (F9) and erythroleukemia (MEL) cells by herbimycin A, an inhibitor of protein phosphorylation.

Type II collagen defects in the chondrodysplasias. I. Spondyloepiphyseal dysplasias.

Eimeria tenella: local antibodies and interactions with the sporozoite surface.

Mortality in an area contaminated by TCDD following an industrial incident.

General method for site-directed mutagenesis in Escherichia coli O18ac:K1:H7: deletion of the inducible superoxide dismutase gene, sodA, does not diminish bacteremia in neonatal rats.

Powerful antiangiogenic activity of herbimycin A (named angiostatic antibiotic).

Characteristics of 2,3,7,8-tetrachlorodibenzo-p-dioxin induced endotoxin hypersensitivity: association with hepatotoxicity.

Cellular alterations and enhanced induction of cleft palate after coadministration of retinoic acid and TCDD.

Pattern of poisoning in rural Sri Lanka.

A base substitution in the exon of a collagen gene causes alternative splicing and generates a structurally abnormal polypeptide in a patient with Ehlers-Danlos syndrome type VII.

Iron deficiency among active men.

The effects of prelatent/latent iron deficiency on physical work capacity.

Ten-year mortality study of the population involved in the Seveso incident in 1976.

Simplified method for screening populations at risk for transthyretin Met30-associated familial amyloidotic polyneuropathy.

Effect of TCDD on the density of Langerhans cells in murine skin.

Sex-linked differences in susceptibility of cynomolgus monkeys to type II collagen-induced arthritis. Evidence that epitope-specific immune suppression is involved in the regulation of type II collagen autoantibody formation.

Mitochondrial function in carbon tetrachloride-induced cirrhosis in the rat. Qualitative and quantitative defects.

Chronic arsenicism with vitiligo, hyperthyroidism, and cancer.

Effects of trypsin, chymotrypsin, and uncoupling on survival of isolated acinar cells from rat pancreas.

Retinoic acid and 2,3,7,8-tetrachlorodibenzo-p-dioxin selectively enhance teratogenesis in C57BL/6N mice.

Skin reactions to irritants assessed by non-invasive bioengineering methods.

A critical view of the mechanism(s) of toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin. Implications for human safety assessment.

Characterization of MB creatine kinase isoform conversion in vitro and in vivo in dogs.

A case-control study of multiple myeloma nested in the American Cancer Society prospective study.

Structural characterization of kappa II Inc, a new amyloid immunoglobulin.

[Histologic evaluation of gastric tolerability in rats of ferritin compared with ferrous sulfate].

Effect of hepatic failure toxins on regenerative enzymes in the liver after injury with galactosamine in the rat.

Separation methods for the study of collagen and treatment of collagen disorders.

Reperfusion-induced calcium gain after ischemia.

In vivo susceptibility of *Campylobacter pylori*.

The effect of a chalcogenapyrylium dye with and without photolysis on mitochondrial function in normal and tumor cells.

Role of differential drug uptake, efflux, and binding of etoposide in sensitive and resistant human tumor cell lines: implications for the mechanisms of drug resistance.

Cyanide and arsenic poisoning by intravenous injection.

Cancer incidence of workers in a Finnish sawmill.

Histopathological effects of monosodium methanearsonate (MSMA) on New Zealand white rabbits (*Oryctolagus cuniculus*).

Erythrocytes decrease myocardial hydrogen peroxide levels and reperfusion injury.

Reversible downregulation of thiazide diuretic receptors by acute renal ischemia.

A lethal variant of osteogenesis imperfecta has a single base mutation that substitutes cysteine for glycine 904 of the alpha 1(I) chain of type I procollagen. The asymptomatic mother has an unidentified mutation producing an overmodified and unstable type I procollagen.

Basal lipid peroxidation in substantia nigra is increased in Parkinson's disease.

[A case of remarkable bronchial stenosis due to aspiration of delayed-release iron tablet].

Hematotoxic effects in the rat of a toluene dinitro derivative after short-term exposure.

Iron status in patients receiving erythropoietin for dialysis-associated anemia.

Update of mortality among chemical workers with potential exposure to the higher chlorinated dioxins.

Characterization of a developmental toxicity dose-response model.

The role of "negative" epidemiology data in the evaluation of risk.

Loss of a calcium requirement for protein synthesis in pituitary cells following thermal or chemical stress.

Detection of activated lymphocyte subsets by fluorescence and MTT staining.

Induction of erythroid differentiation of K562 human leukemic cells by herbimycin A, an inhibitor of tyrosine kinase activity.

Psychosocial determinants of compliance in adolescents with iron deficiency.

[The specific effects of new phenoxyacetic acid derivatives at the cellular membrane level].

Development and validation of a cellular transplant model for leukemia in Fischer rats: a short-term assay for potential anti-leukemic chemicals.

Levels of polychlorinated dibenzo-p-dioxins and dibenzofurans in workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Follow-up of subjects who developed chloracne following TCDD exposure at Seveso.

The epidemiology of non-Hodgkin's lymphoma in the north-east of Italy: a hospital-based case-control study.

Monitoring of genetic instability in subjects with increased risk of cancer.

Ehlers-Danlos syndrome type IV (EDS IV) as model of a defective biopolymer composite material.

Minnesota Highway Maintenance Worker Study: cancer mortality.

Three models of free radical-induced cell injury.

Fengabine, a new GABA-mimetic agent in the treatment of depressive disorders: an overview of six double-blind studies versus tricyclics.

The effect of iron therapy on malarial infection in Papua New Guinean schoolchildren.

Dioxins and furans in the mother and possible effects on the fetus and newborn breast-fed baby.

Biological exposure monitoring of methyl bromide workers by determination of hemoglobin adducts.

Amino acid sequence variations in protein AA of cats with high and low incidences of AA amyloidosis.

Assessment of hazards to workers applying pesticides.

Iodine-131 MIBG scintigraphy in small cell lung cancer.

Oxygen free radicals and corneal endothelium.

Ligand-dependent interaction of the dioxin receptor with target DNA.

Radicals involved in photoallergen/protein interactions.

Specific protein-DNA interactions at a xenobiotic-responsive element: copurification of dioxin receptor and DNA-binding activity.

Studies on phagocytosis in patients with acute bacterial infections.

The effect of oxidants on biomembranes and cellular metabolism.

Myoinositol inhibits proliferation of cultured Schwann cells: evidence for neurotoxicity of myoinositol.

Prevention of iron deficiency by milk fortification. The Chilean experience.

Cell kinetic evidence suggests elevated oxidative stress in cultured cells of Bloom's syndrome.

[A radioisotope method for assessing the anaphylactogenicity of polymer drugs].

Achilles tendon replacement by a collagen fiber prosthesis: morphological evaluation of neotendon formation.

Extracellular calcium alleviates cell toxicity due to hepatotoxins that induce lipid peroxidation, but has no effect on toxins that do not cause lipid peroxidation. A study in isolated rat hepatocytes.

Biphasic response for hepatic microsomal enzyme induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57BL/6J and DBA/2J mice.

Further studies on the 37 kD liver protein-acetaldehyde adduct that forms in vivo during chronic alcohol ingestion.

[Effects of FeSO₄ on electrical and mechanical activity of guinea pig papillary muscles].

Enhanced cytotoxicity in simultaneous and sequential drug-heat treatments of cultured Chinese hamster V79 cells.

The interactions of desferrioxamine and hydroxypyridone compounds with haemoglobin and erythrocytes.

Microspore mutagenesis and selection: Canola plants with field tolerance to the imidazolinones.

Autologous blood transfusions and plastic surgery.

Uncoupler resistance in *Escherichia coli*: the role of cellular respiration.

Assessing risks and preventing disease from environmental chemicals.

Plasma concentrations of pituitary hormones in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated male rats.

Prolonged aerobic exercise: physiological studies in rat gastrocnemius with additional observations on the effects of acute mitochondrial blockade.

Microcontaminants and reproductive impairment of the Forster's tern on Green Bay, Lake Michigan--1983.

Methods of microphotometric assay of succinate dehydrogenase and cytochrome c oxidase activities for use on human skeletal muscle.

Lethal hydroxyl radical production in paraquat-treated plants.

Experimental zinc deficiency: effects on cellular responses and the affinity of humoral antibody.

Villus contraction aids repair of intestinal epithelium after injury.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters embryonic palatal medial epithelial cell differentiation in vitro.

Detection of an amino acid substitution in the mutant enzyme for a special type of adenine phosphoribosyltransferase (APRT) deficiency by sequence-specific protein cleavage.

Collagen metabolism in ultraviolet irradiated hairless mouse skin and its correlation to histochemical observations.

Sodium arsenite induced alterations in bilirubin excretion and heme metabolism.

Effects of anticholinergic drugs on regional brain neurotensin concentrations.

NTP Toxicology and Carcinogenesis Studies of 2,4-Dichlorophenol (CAS No. 120-83-2) in F344/N Rats and B6C3F1 Mice (Feed Studies).

Management of acute iron overdose.

Three fatal sodium azide poisonings.

[The effect of hepatotoxins on the activity of organelle-specific enzymes and metabolism of liver lipids].

[Tissue distribution, inductive effect on liver enzymes and acute toxicity of 2,3,4,7,8-pentachlorodibenzofuran in Golden Syrian hamsters].

Molecular cloning and characterization of protective outer membrane protein P.69 from *Bordetella pertussis*.

[Acute poisoning caused by sodium azide].

Substrate variability as a factor in enzyme inhibitor design: inhibition of ovine brain glutamine synthetase by alpha- and gamma-substituted phosphinothricins.

Synergistic toxicity between arsenic and methylated selenium compounds.

NTP Toxicology and Carcinogenesis Studies of Two Pentachlorophenol Technical-Grade Mixtures (CAS No. 87-86-5) in B6C3F1 Mice (Feed Studies).

Use of primary cultures of human hepatocytes in toxicology studies.

[Histochemical study on the mucosubstances of the calculi of the main excretory duct of the human submandibular gland].

Stimulated human neutrophils damage cardiac sarcoplasmic reticulum function by generation of oxidants.

Rat aglycotransferrin and human monoglycotransferrin: production and metabolic properties.

Interaction of human eosinophils or neutrophils with *Trypanosoma cruzi* in vitro causes bystander cardiac cell damage.

Rat lung glucose metabolism after 24 h of exposure to 100% oxygen.

Effect of calmodulin on sarcoplasmic reticular Ca^{2+} -transport in the aging heart.

Comparative dermal absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin and three polychlorinated dibenzofurans.

[Effectiveness of hepatoprotective agents in experimental allyl alcohol poisoning].

Effect of splenectomy on hepasor treatment in allyl-alcohol-traumatized rat liver.

Embryotoxicity of phenyl ketone analogs of cyclophosphamide.

The use of multiple endpoints to define the mechanism of action of reproductive toxicants and germ cell mutagens.

The value of multiple endpoint data in male reproductive toxicology: revelations in the rat.

Influence of aging on chemically induced hepatotoxicity: role of age-related changes in metabolism.

Steroid and xenobiotic effects on the adrenal cortex: mediation by oxidative and other mechanisms.

[The microsurgical treatment of penetrating wounds of the cornea with the use of collagenous materials].

[Modification of the toxic effects of phenylmercury by adaptive reactions of the rat kidney. 2. Adaptation to phenylmercury acetate, cadmium chloride and cupric chloride].

[The modification of the toxic effects of phenyl mercury by the adaptive reactions of the rat kidney. 1. Timely development of adaptation].

[The effect of pollen on the changes in the liver of laboratory rats evoked by ethionine, carbon tetrachloride, allyl alcohol and galactosamine].

The inhibition of lipid peroxidation by disulfiram prevents the killing of cultured hepatocytes by allyl alcohol, tert-butyl hydroperoxide, hydrogen peroxide and diethyl maleate.

Lipid peroxidation-dependent and -independent protein thiol modifications in isolated rat hepatocytes: differential effects of vitamin E and disulfiram.

Cationic polyelectrolytes: potent opsonic agents which activate the respiratory burst in leukocytes.

Dimethylthiourea prevents hydrogen peroxide and neutrophil mediated damage to lung endothelial cells in vitro and disappears in the process.

Sodium-azide-evoked noradrenaline and catecholamine release from peripheral sympathetic nerves and chromaffin cells.

Aspects of allyl alcohol toxicity.

Identification of the main immunogenic region of retinal S-antigen: subordinate influence of MHC, IGH, species or strain differences on the specificity of the antibody response.

Determination of biologically active region in toxic shock syndrome toxin 1.

Neuropathological lesions after microinfusion of paraquat and MPP+ into different areas of the rat brain.

Health and reproductive outcomes among American Legionnaires in relation to combat and herbicide exposure in Vietnam.

Neonatal paraquat poisoning: a case report.

Reproductive behaviour and consistent patterns of abnormality in offspring of Vietnam veterans.

Light and electron microscopic study of the liver in paraquat poisoning.

[No Parkinsonian syndrome following acute paraquat poisoning].

[The influence of long-term utilization of some herbicides on oral cavity tissues of white rats].

Effect of temperature on the chronic toxicity of Hydrothol-191 to the fathead minnow (*Pimephales promelas*).

Susceptibility in Parkinson's disease. 'Of mice and men'.

[A case of bullous contact dermatitis caused by butifos].

[Morphologic and histoenzymatic studies of rat kidneys after acute 2,4-dichlorophenoxyacetic acid (2,4-D) poisoning].

Herbicidal triazines: acute toxicity on *Daphnia*, fish, and plants and analysis of its relationships with structural factors.

Evaluation of the acute toxicity to juvenile pacific salmonids of hexazinone and its formulated products: Pronone 10G, Velpar L, and their carriers.

Functional teratogens of the rat kidney. II. Nitrofen and ethylenethiourea.

Functional teratogens of the rat kidney. I. Colchicine, dinoseb, and methyl salicylate.

Serum 2,3,7,8-tetrachlorodibenzo-p-dioxin levels in US Army Vietnam-era veterans. The Centers for Disease Control Veterans Health Studies.

Lethal injury by diquat redox cycling in an isolated hepatocyte model.

Inter-rater agreement in the assessment of occupational exposure to herbicides.

Delayed sudden death after ingestion of MCPP and ioxynil: an unusual presentation of hormonal weedkiller intoxication.

Mutagenesis of xeroderma pigmentosum fibroblasts by acrolein.

Liver membrane calcium transport in diquat-induced oxidative stress in vivo.

Current perspectives on clinical and experimental single lung transplantation.

Allylamine-induced vascular toxicity in vitro: prevention by semicarbazide-sensitive amine oxidase inhibitors.

Brain damage due to paraquat poisoning: a fatal case with neuropathological examination of the brain.

Prolonged, intravenous paraquat infusion in the rat. II. Paraquat-induced alterations in lung polyamine metabolism.

Acclimatization of roach, *Rutilus rutilus* (L.), to toxic components of kraft pulp mill effluents.

Acute MCPP intoxication: report of two cases.

Poisoning treatment centre admissions following acute incidents involving pesticides.

Early radiotherapy in the treatment of paraquat poisoning.

Pulmonary effects of repeated exposures to paraquat aerosol in guinea pigs.

Paraquat poisoning: biological presentation.

Oxidant stress following renal ischemia: changes in the glutathione redox ratio.

Neurobehavioral toxicity and tolerance to the herbicide 2,4-dichlorophenoxyacetic acid-n-butyl ester (2,4-D ester).

Relationships between intracellular vitamin E, lipid peroxidation, and chemical toxicity in hepatocytes.

Agent Orange exposure and posttraumatic stress disorder.

Alveolar cell carcinoma in a cook.

[Lysosomal hydrolase activity in the liver of rats with chronic sulfocarbathione poisoning].

An enzyme-linked immunosorbent assay for plasma-paraquat levels of poisoned patients.

[Penta-chlorophenol (Xylophene) poisoning].

Lipid peroxidation and tissue injury by ferric citrate in paraquat-intoxicated mice.

2,4-Dichlorophenoxyacetic acid intoxication increases its accumulation within the brain.

Probable toxicity of surface-active agent in commercial herbicide containing glyphosate.

[Paraquat poisoning. Apropos of a case with poor outcome].

Behavioural and electrocortical changes induced by paraquat after injection in specific areas of the brain of the rat.

Cause specific mortality among employees engaged in the manufacture, formulation, or packaging of 2,4-dichlorophenoxyacetic acid and related salts.

Adverse effects of (15S)-15-methyl-prostaglandin E1 in normal and paraquat-exposed rats.

Limited dermal ossification: a case report.

Marked hypocalcemia in a fatal poisoning with chlorinated phenoxy acid derivatives.

Chronic studies in rodents of vinyl acetate and compounds related to acrolein.

Toxicokinetics of paraquat through the heart-lung block. Six cases of acute human poisoning.

Mechanisms of fetal alcohol effects: role of acetaldehyde.

Pulmonary elastic fiber degradation in paraquat toxicity. An electron microscopic immunohistochemical study.

[Failure of chemotherapy and radiotherapy in pulmonary fibrosis caused by paraquat].

2,4-D-n-butyl ester (2,4-D ester) induced ataxia in rats: role for n-butanol formation.

Immune-mediated glomerulonephritis after exposure to paraquat.

Risk of malignant lymphoma in Swedish agricultural and forestry workers.

Agrochemical poisoning in Sri Lanka.

Failure of haemoperfusion and haemodialysis to prevent death in paraquat poisoning. A retrospective review of 42 patients.

Evaluation of monoclonal antibody against human pulmonary surfactant apoprotein.

Paraquat poisoning by skin absorption: a review.

[Pathomorphology of lung changes caused by gramoxone poisoning. Human pathologic and animal experimental studies].

Effects of methylprednisolone on acute lung paraquat toxicity in sheep.

Effects of Gramoxone-induced reactive oxygen radicals on eicosanoid synthesis of mouse lung.

Protective role of sulfhydryl reagents in oxidant lung injury.

Collective judicial management of mass toxic tort controversies: lessons and issues from the Agent Orange litigation.

Science and persuasion: environmental disease in U.S. courts.

Prevention of occupational skin disease.

Toxicity of 2-hydrazinoethanol in turkey poults.

Comparative study on cerebrovascular injuries by three chlorophenoxyacetic acids (2,4-D, 2,4,5-T and MCPA).

The impairment of mobility and development in freshwater snails (*Physa fontinalis* and *Lymnaea stagnalis*) caused by herbicides.

Hydrogen peroxide mediates reperfusion injury in the isolated rat heart.

Host defence mechanisms in the bladder. II. Disruption of the layer of mucus.

Autoradiography of [¹⁴C]paraquat or [¹⁴C]diquat in frogs and mice: accumulation in neuromelanin.

Increased oxygen radical-dependent inactivation of metabolic enzymes by liver microsomes after chronic ethanol consumption.

pH homeostasis in promyelocytic leukemic HL60 cells.

Intramuscular pH and endurance are abnormal in skeletal muscles from rats with experimental myotonia.

Effects of cyclophosphamide and a metabolite, acrolein, on *Naegleria fowleri* in vitro and in vivo.

Prolonged, intravenous paraquat infusion in the rat. I. Failure of coinfused putrescine to attenuate pulmonary paraquat uptake, paraquat-induced biochemical changes, or lung injury.

Reactive oxygen species during ischemia-reflow injury in isolated perfused rat liver.

Xanthine oxidase produces hydrogen peroxide which contributes to reperfusion injury of ischemic, isolated, perfused rat hearts.

The effect of iron overload on the mitochondrial porphyrin level in the hexachlorobenzene induced experimental porphyria.

Effect of pesticides (atrazine and lindane) on the replication of spring viremia of carp virus in vitro.

Toxic consequence of the abrupt depletion of glutathione in cultured rat hepatocytes.

Oxidative cell injury in the killing of cultured hepatocytes by allyl alcohol.

Significance of alterations in hepatic antioxidant enzymes. Primacy of glutathione peroxidase.

Mutagenicity and in vitro covalent DNA binding of 2-hydroxyamino-3-methylimidazo[4,5-f]quinoline.

Acute effects of the aldehyde dehydrogenase inhibitors, disulfiram, pargyline and cyanamide, on circulating ketone body levels in the rat.

Spontaneous lung chemiluminescence upon paraquat administration.

Effect of chronic ethanol treatment under partial catalase inhibition on the activity of enzymes related to peroxide metabolism in rat liver and heart.

Membrane permeability and oxidant induced injury.

Social and behavioral consequences of the Vietnam experience among American Legionnaires.

Effect of aerosol challenge with sensitising antigen on the permeability of the surface of the rat trachea in life.

Type II achondrogenesis-hypochondrogenesis: identification of abnormal type II collagen.

Organ-specific effects of long term feeding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 1,2,3,7,8-pentachlorodibenzo-p-dioxin on I-compounds in hepatic and renal DNA of female Sprague-Dawley rats.

Investigation of the effects of heat shock and agents which induce a heat shock response on the induction of differentiation of HL-60 cells.

Familial amyloidotic polyneuropathy: transthyretin (prealbumin) variants in kindreds of Italian origin.

Toxicology and pathology of methyl bromide in F344 rats and B6C3F1 mice following repeated inhalation exposure.

Endogenous opiate modulation of baroreflexes in normotensive and hypertensive rats.

Blocking action of parenteral desferrioxamine on iron absorption in rodents and men.

Increases in cytochrome P-450 mediated 17 beta-estradiol 2-hydroxylase activity in rat liver microsomes after both acute administration and subchronic administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin in a two-stage hepatocarcinogenesis model.

Cutaneous manifestations of tetrachlorodibenzo-p-dioxin in children and adolescents. Follow-up 10 years after the Seveso, Italy, accident.

Steroid hormones and medications that alter cancer risks.

A case-control study of brain gliomas and occupational exposure to chemical carcinogens: the risk to farmers.

Immunological abnormalities 17 years after accidental exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Soft tissue sarcoma risk in Swedish licensed pesticide applicators.

Corticosterone modulates acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in male Sprague-Dawley rats.

Fibronectin: source of mannose in a highly purified respiratory mucin.

Comparative acute systemic toxicity of sodium arsenite and dichloro(2-chlorovinyl)arsine in rabbits.

Isolation and sequence analysis of amyloid protein AA from a patient with cystic fibrosis.

Molecular diversity in the abdominal aortic aneurysm phenotype.

Intraglomerular deposition of fibrin/fibrinogen-related antigen in children with various renal diseases.

Screening of pharmacological agents given peripherally with respect to TCDD-induced wasting syndrome in Long-Evans rats.

Kappa/lambda immunoglobulin distribution in Graves' thyroid-stimulating antibodies. Simultaneous analysis of C lambda gene polymorphisms.

Suppression of keratinocyte differentiation in SSC-9 human squamous carcinoma cells by benzo[a]pyrene, 12-O-tetradecanoylphorbol-13-acetate and hydroxyurea.

Biochemical and functional effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the heart of female rats.

[Respiratory distress syndrome in a case of ferrous sulfate poisoning].

Effect of D,L-alpha-difluoromethyl ornithine on cleft palate induced by the TCDD congener, 3,3',4,4'-tetrachloroazoxybenzene, in the fetuses of mice.

Clinical toxicology--past, present and future.

Atypical myoglobinuria: an acute myopathy in grazing horses.

A proposed occupational exposure limit for 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Reproductive outcomes of mothers with potential exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The association between soft tissue sarcomas and exposure to phenoxyacetic acids. A new case-referent study.

The acute toxicity of 2,3,4,7,8-pentachlorodibenzofuran (4PeCDF) in the male Fischer rat.

[Preventive use of iron in pregnancy--a luxury or a necessity?].

Demonstration and characterization of a transient arthritis in rats following sensitization of synovial mast cells with antigen-specific IgE and parenteral challenge with specific antigen.

Partial sequence of MAP2 in the region of a shared epitope with Alzheimer neurofibrillary tangles.

A third genetic locus affecting the Ah (dioxin) receptor.

Type X collagen alterations in rachitic chick epiphyseal growth cartilage.

Virucidal efficacy of physico-chemical treatments against coronaviruses and parvoviruses of laboratory animals.

[Acute reversible cataract due to nitrocompounds in Japanese quail (*Coturnix coturnix japonica*)].

Synthetic peptides derived from IRBP induce EAU and EAP in Lewis rats.

[Health survey on morbidity and accidents in various productive agricultural sectors].

Degrading process of acute ischemic myocardial cells.

Dermal dysplasia characterized by collagen disorder-related skin fragility in a cow.

Developmental toxicity evaluation of Bendectin in CD rats.

Hepatic failure toxins depress liver regenerative enzymes after periportal injury with allyl alcohol in the rat.

Iron deficiency in adolescent female dancers.

Differentiation of erythroid progenitor (CFU-E) cells from mouse fetal liver cells and murine erythroleukemia (TSA8) cells without proliferation.

Skin lesions due to exposure to methyl bromide.

[Antibacterial effectiveness of camphorated parachlorophenol].

[Diabetogenic tropical pancreatitis].

Photoallergic contact dermatitis from fentichlor.

Selective alteration in blood-brain barrier and insulin transport in iron-deficient rats.

Comparison of gene expression in preneoplastic and neoplastic rat liver to adult, fetal, regenerating, and tumor-promoted liver.

Single amino acid substitutions in the reactive site of antithrombin leading to thrombosis. Congenital substitution of arginine 393 to cysteine in antithrombin Northwick Park and to histidine in antithrombin Glasgow.

DNA binding properties of dioxin receptors in wild-type and mutant mouse hepatoma cells.

Monochloroacetic acid and 60% salicylic acid as a treatment for simple plantar warts: effectiveness and mode of action.

Evaluation of spermatogenesis and sperm quality in the rat following acute inhalation exposure to methyl bromide.

Iron deficiency in female athletes: its prevalence and impact on performance.

Toxicity and disposition of 2,3,4,7,8-pentachlorodibenzofuran (4PeCDF) in the rhesus monkey (*Macaca mulatta*).

Alteration of methyl dopa absorption, metabolism, and blood pressure control caused by ferrous sulfate and ferrous gluconate.

Calcium gain during postischemic reperfusion. The effect of 2,4-dinitrophenol.

Cyanogen bromide fragments of bovine interphotoreceptor retinoid-binding protein induce experimental autoimmune uveoretinitis in Lewis rats.

HIV infection and dioxin exposure: risk factors for Kaposi sarcoma and malignant lymphoma?

A crucial role of ongoing anaerobic glycolysis in attenuating acute ischemia-induced release of myocardial noradrenaline.

Catalase prevents increased lung vascular permeability during air emboli in unanesthetized sheep.

Iron supplementation and physical growth of rural Indonesian children.

Species differences in 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity and biotransformation in fish.

The effect of iron therapy on the exercise capacity of nonanemic iron-deficient adolescent runners.

Prevention of iron deficiency by milk fortification. II. A field trial with a full-fat acidified milk.

Effect of catalase on endotoxin-induced acute lung injury in unanesthetized sheep.

Laboratory and field assessment of molluscicidal activity of B-2 against *Oncomelania hupensis*, the vector snail of schistosomiasis in China.

Heart as a target organ in 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity: decreased beta-adrenergic responsiveness and evidence of increased intracellular calcium.

Impaired secretion of type III procollagen in Ehlers-Danlos syndrome type IV fibroblasts: correction of the defect by incubation at reduced temperature and demonstration of subtle alterations in the triple-helical region of the molecule.

Variants of human tissue-type plasminogen activator. Fibrin binding, fibrinolytic, and fibrinogenolytic characterization of genetic variants lacking the fibronectin finger-like and/or the epidermal growth factor domains.

2,4-Dinitrophenol, muscle biopsy, and McArdle's disease.

Acute effects of amiodarone on action potentials of isolated guinea-pig ventricular muscle exposed to simulated ischemic solution and metabolic inhibitors.

Evidence that 2,3,7,8-tetrachlorodibenzo-p-dioxin induces NADPH cytochrome c (P-450) reductase in rat hepatoma cells in culture.

Treatment of gestational iron deficiency disease with tardyferon; monitoring the effectivity of treatment.

Abnormal methylation capacity in human liver cirrhosis.

Dietary iron and 2,3,7,8-tetrachlorodibenzo-p-dioxin induced alterations in hepatic lipid peroxidation, glutathione content and body weight.

Body iron stores in patients subjected to surgery of the large bowel.

Mortality among California highway workers.

A death-certificate case-control study of non-Hodgkin's lymphoma and occupation in men in North Carolina.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in yellow perch (*Perca flavescens*).

Morphologic lesions and acute toxicity in rainbow trout (*Salmo gairdneri*) treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Farming and exposure to chemicals in male lung cancer patients and their siblings.

Acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin to mink.

Thrombocytopenia associated with repletion of iron in iron-deficiency anemia.

Arsenic poisoning. Ongoing diagnostic and social problem.

In vitro (organ culture) studies of the toxicity of specific A-gliadin peptides in celiac disease.

Validity and reliability of a method for retrospective evaluation of chlorophenate exposure in the lumber industry.

Experimental studies on the mechanism of ethanol formation in corpses.

Corticosterone decreases toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in hypophysectomized rats.

[Experimental specific immunotherapy of acute poisoning by dinitrophenol compounds].

Some endocrine and morphological aspects of the acute toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Forestomach carcinogens: pathology and relevance to man.

Observations on the intracellular accumulation of methotrexate and 5-methyltetrahydrofolate in uninduced, dimethylsulphoxide-induced and 1,25-dihydroxyvitamin D₃-induced HL60 cells, and blood-monocyte-derived human macrophages.

Long-term effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the peripheral nervous system. Clinical and neurophysiological controlled study on subjects with chloracne from the Seveso area.

Characterization of trimetrexate transport in human lymphoblastoid cells and development of impaired influx as a mechanism of resistance to lipophilic antifolates.

Quantitative evaluation of collagen fractions separated by acrylamide gel electrophoresis: its application for collagen typing in normal and pathological tissues.

NTP Toxicology and Carcinogenesis Studies of C.I. Acid Orange 3 (CAS No. 6373-74-6) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Subchronic metabolic effects and toxicity of a simulated pulp mill effluent on juvenile lake trout, *Salmo trutta m. lacustris*.

Early changes in dermal collagen of mice exposed to chronic UVB irradiation and the effects of a UVB sunscreen.

Assessment of the relative hazard involved with airborne irritants with additional hepatotoxic or nephrotoxic properties in mice.

Xenopus spermatozoon: is there any correlation between motility and oxygen consumption?

Site-directed mutagenesis in photosystem II of the cyanobacterium *Synechocystis* sp. PCC 6803: Donor D is a tyrosine residue in the D2 protein.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)-induced alterations in lipid peroxidation, enzymes, and divalent cations in rat testis.

Micromethods in single muscle fibers. 1. Determination of catalase and superoxide dismutase.

Heat-shock induction of the human immunodeficiency virus long terminal repeat.

Ifosfamide and mesna: marginally active in patients with advanced carcinoma of the pancreas.

Intracoronary infusion of prostaglandin I₂ attenuates arterial baroreflex control of heart rate in conscious dogs.

Transplacental induction of cytochromes P-450IA1 and P-450IA2 by polycyclic aromatic carcinogens: TCDD-binding protein level as the rate-limiting step.

Metabolism and excretion of etoposide in isolated, perfused rat liver models.

The metabolism of acetaldehyde and not acetaldehyde itself is responsible for in vivo ethanol-induced lipid peroxidation in rats.

The effects of perfluorodecanoic acid on hepatic stearyl-coenzyme A desaturase and mixed function oxidase activities in rats.

Teratogenic effects of nitrofen on cellular and functional maturation of the rat lung.

Characterization of an apparently lower molecular weight gamma-chain variant in fibrinogen Kyoto I. The replacement of gamma-asparagine 308 by lysine which causes accelerated cleavage of fragment D1 by plasmin and the generation of a new plasmin cleavage site.

Catalase-dependent ethanol oxidation in perfused rat liver. Requirement for fatty-acid-stimulated H₂O₂ production by peroxisomes.

Acute toxicity of cresols, xylenols, and trimethylphenols to *Daphnia magna* Straus 1820.

Studies on the neuropsychopharmacological profile of fengabine (SL 79229) in mice.

Acute toxicity of cyanogen chloride to *Daphnia magna*.

Evidence for immunoglobulin Fc receptor-mediated prostaglandin₂ and platelet-activating factor formation by cultured rat mesangial cells.

Localization of a biologically important epitope on toxic-shock-syndrome toxin-1.

4-Hydroxynonenal and other lipid peroxidation products are formed in mouse liver following intoxication with allyl alcohol.

Hepatotoxicity of cyclophosphamide in man: pharmacokinetic analysis.

Requirement of one functional RAS gene and inability of an oncogenic ras variant to mediate the glucose-induced cyclic AMP signal in the yeast *Saccharomyces cerevisiae*.

Metabolic processes involved in repair of Escherichia coli cells damaged by exposure to acid mine water.

Stress symptomatology among Vietnam veterans. Analysis of the Veterans Administration Survey of Veterans. II.

Degeneration and regeneration of the olfactory epithelium following inhalation exposure to methyl bromide: pathology, cell kinetics, and olfactory function.

Inhibitory effect of salicylate on 2,4-dinitrophenol and diethyl maleate in isolated rat intestinal epithelial cells.

Partial characterization of specific cantharidin binding sites in mouse tissues.

Toxicity and bioaccumulation of chlorophenols in earthworms, in relation to bioavailability in soil.

Photophysiology and phytochrome content of long-hypocotyl mutant and wild-type cucumber seedlings.

Role of transferrin and ceruloplasmin in antioxidant activity of lung epithelial lining fluid.

Induction of heat shock proteins in short-term cultured hepatocytes derived from normal and chronically griseofulvin-treated mice.

Glycogenolysis in the rat isolated perfused liver as a measure of chemically induced liver toxicity.

Effect of extracellular Ca^{++} omission on isolated hepatocytes. II. Loss of mitochondrial membrane potential and protection by inhibitors of uniport Ca^{++} transduction.

Distinction between major chloroquine-inhibitable and adrenergic-responsive pathways of protein degradation and their relation to tissue ATP content in the Langendorff isolated perfused rat heart.

Respiratory Properties of Mitochondria from Rice Seedlings Germinated under Water and Their Changes during Air Adaptation.

Antidotal effects of deferoxamine in experimental liver injury--role of lipid peroxidation.

Mitochondria mediate amplification of luteinizing hormone action by adenosine in luteal cells.

Effects of SH-modifying reagents on the rat hepatic Ah receptor: inhibition of ligand binding and transformation, and disruption of the ligand-receptor complex.

[Acute methylbromide poisoning].

[Cardiac relaxation and distensibility in energy deficit].

Role of the 4-hydroxy intermediate in the in vitro embryotoxicity of cyclophosphamide and dechlorocyclophosphamide.

Protein co-isolated with human tissue factor impairs recovery of activity.

An apparently higher molecular weight gamma-chain variant in a new congenital abnormal fibrinogen Tochigi characterized by the replacement of gamma arginine-275 by cysteine.

Application of linear integration in the morphometric study of mild and severe pulmonary alveolar injury.

Metabolic activation of the mutagen azide in biological systems.

The permeability of grafted human transplant skin in athymic mice.

Mutagenicity, comutagenicity, and antimutagenicity of erythrosine (FD and C red 3), a food dye, in the Ames/Salmonella assay.

Assignment of several epitopes to cyanogen bromide peptides of bovine retinal S-antigen by immunoblotting with peptide-specific antibodies.

Purification and characterization of two kinds of low molecular weight kininogens from rat (non-inflamed) plasma. One resistant and the second sensitive to rat glandular kallikreins.

Hepatic toxicity of paraquat in primary cultures of rat hepatocytes.

Cardiac transplantation in a Jehovah's witness.

Acute effects of methyl bromide on electroencephalographic activity and sleep-wakefulness in rats.

[Cases of severe methyl bromide poisoning residing above a warehouse].

Accumulation of aluminum by rabbit renal cortex.

Chronic toxicity of aniline and 2,4-dichlorophenol to *Daphnia magna* Straus.

Pleurotus mushrooms. Part IB. Pathology, in vitro and in vivo growth requirements, and world status.

Antigenic contraction of guinea pig tracheal preparations passively sensitized with monoclonal IgE: pharmacological modulation.

Predeposit autologous blood donation.

Effect of monooxygenase inducers and inhibitors on the hepatic metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rat and hamster.

Inhibition of lipid peroxidation by disulfiram and diethyldithiocarbamate does not prevent hepatotoxin-induced cell death in isolated rat hepatocytes. A study with allyl alcohol, tert-butyl hydroperoxide, diethyl maleate, bromoisovalerylurea and carbon tetrachloride.

Allyl alcohol cytotoxicity and glutathione depletion in isolated periportal and perivenous rat hepatocytes.

A flowthrough fecundity test with *Nitocra spinipes* (Harpacticoida Crustacea) for aquatic toxicity.

The pathologic and immunologic effects of inhaled acrolein in rats.

Acute toxicity of Roundup and Rodeo herbicides to rainbow trout, chinook, and coho salmon.

Hepatotoxicity induced by the herbicide atrazine in the rat.

[Anesthetic management for surgical patients with paraquat intoxication--case report and literature review].

[Kidney damage after peroral poisoning with herbicides].

Paraquat and Parkinson's disease.

Neoplastic transformation of Chinese hamster cells in vitro after treatment with flavoring agents.

[Effect of ethanol and the catalase inhibitor aminotriazole on the activity of antioxidative enzymes in the rat liver and heart].

Effectiveness of dextran sulfate on acute toxicity of paraquat in mice and rats.

Human copper-zinc superoxide dismutase complements superoxide dismutase-deficient Escherichia coli mutants.

The evaluation of trends in soft tissue sarcoma according to diagnostic criteria and consumption of phenoxy herbicides.

Selective pancreatic toxicity of palmitoylpentachlorophenol.

Acute, pharmacokinetic, and subchronic toxicological studies of 2,4-dichlorophenoxyacetic acid.

Acute toxicity to juvenile Pacific salmonids of Garlon 3A, Garlon 4, triclopyr, triclopyr ester, and their transformation products: 3,5,6-trichloro-2-pyridinol and 2-methoxy-3,5,6-trichloropyridine.

Risk of malignant lymphoma in Swedish pesticide applicators.

Paraquat-induced cytoskeletal injury in cultured cells.

Acute sensitivity of BHT-induced alveolar toxicity to a diquat challenge in murine lungs.

Agent Orange study hits brick wall.

Effect of paraquat on the oral mucosa.

Chronic carcinogenesis studies of acrolein and related compounds.

Evidence for participation of lipid peroxidation and iron in diquat-induced hepatic necrosis in vivo.

Pentachlorophenol and the peripheral nervous system: a longitudinal study in exposed workers.

Effect of paraquat on plasma fibronectin, serum free hydroxyproline, serum ceruloplasmin and lung collagen content in monkeys.

Cyanamide hepatotoxicity. Incidence and clinico-pathological features.

Geography, drinking water chemistry, pesticides and herbicides and the etiology of Parkinson's disease.

Temperature-dependence of cytotoxicity of several genotoxicants in Chinese hamster V79 cells: bleomycin, paraquat, and some N-alkyl-N-nitrosoureas.

[Physiopathologic data on the action of selected fungicides and herbicides in carp].

Acute toxicity of Garlon 4 and Roundup herbicides to salmon, Daphnia, and trout.

Exposure of non-applicator personnel and adjacent areas to aerially applied propanil.

Protection of rat embryos in culture against the embryotoxicity of acrolein using exogenous glutathione.

Principles of industrial toxicology.

Enhancement of the embryotoxicity of acrolein, but not phosphoramidate mustard, by glutathione depletion in rat embryos in vitro.

Evaluation of paraquat concentrations in paraquat poisoning.

[Congenital malformations in Sweden].

Eighty-five day postexposure follow-up study in Fischer 344 rats after repeated exposures to methyl isocyanate vapor.

Paraquat (gramoxone) poisoning in south-west Hungary, 1977-1984. Toxicological and histopathological aspects of group intoxication cases.

Suicide by ingestion of 2,4-D: a case history demonstrating the prudence of using GC/MS as an investigative rather than a confirmatory tool.

[Clinicopathological evaluation of the lungs with unusual distribution of paraquat lesions].

Operator exposure from closed system loading and application of alachlor herbicide.

Neuromuscular effects of acute 2,4-dichlorophenoxyacetic acid (2,4-D) exposure in dogs.

Soft tissue sarcoma and non-Hodgkin's lymphoma in relation to phenoxyherbicide and chlorinated phenol exposure in western Washington.

Cohort mortality study of chemical workers with potential exposure to the higher chlorinated dioxins.

Effect of BCNU pretreatment on diquat-induced oxidant stress and hepatotoxicity.

[Low-dose radiotherapy of pulmonary complications resulting from paraquat intoxication: report of a case].

A rapid and sensitive HPLC procedure for the determination of atrazine residues in soil-water extracts.

Primary cultures of rat aortic endothelial and smooth muscle cells: I. An in vitro model to study xenobiotic-induced vascular cytotoxicity.

Acute toxicity of Brestan and fentin acetate on some freshwater organisms.

Occupational risk and the development of premalignant skin lesions among paraquat manufacturers.

Cytogenetic toxicity of paraquat and streptonigrin in Fanconi's anemia.

Non-Hodgkin's lymphoma and farming: an expanded case-control study.

Quantifiable morphologic evaluation of paraquat pulmonary toxicity in rats.

Toxicity of 3,4-dichloroaniline to fathead minnows, *Pimephales promelas*, in acute and early life-stage exposures.

Histopathological effects of paraquat and gill function of *Puntius gonionotus*, Bleeker.

Phenoxy herbicides and soft-tissue sarcomas in female rice weeders. A population-based case-referent study.

Worker exposure to a herbicide applied with ground sprayers in the United Kingdom.

Teratogenic potential of purified pentachlorophenol and pentachloroanisole in subchronically exposed Sprague-Dawley rats.

[Gastrectomy in a rare caustic injury].

Effects of pentachlorophenol on the in vitro and in vivo antibody response.

Prognostic value of plasma and urine paraquat concentration.

Haemodialysis for paraquat poisoning.

Paraquat poisoning: the rationale for current treatment regimes.

Unilateral paraquat-induced lung fibrosis: evolution of changes in lung fibronectin and collagen after graded degrees of lung injury.

[Studies of lung damage by paraquat. 2. Effect of vitamin E on acute lung damage caused by paraquat].

Lung hydrolases in paraquat poisoning: early response of alkaline phosphatase.

[Role of peroxisomal enzymes and lipid peroxidation in the pathogenesis of alcoholic cardiomyopathy].

Repeated hemoperfusion and continuous arteriovenous hemofiltration in a paraquat poisoned patient.

[Clinico-experimental research on acute isoproteron poisoning in sheep].

[Toxic environmental factors in sudden infant death (SIDS)].

Background and design of a Danish cohort study of workers in phenoxy herbicide manufacture.

Bipyridylium herbicide toxicity: effects of paraquat and diquat on isolated rat hepatocytes.

Paraquat poisoning: clinical features and immediate general management.

Mechanism of paraquat toxicity in lung and its relevance to treatment.

The epidemiology and prevention of paraquat poisoning.

Paraquat--a review of safety in agricultural and horticultural use.

The search for ideal antidote treatment in Gramoxone intoxication.

Metabolic basis of ethylene glycol monobutyl ether (2-butoxyethanol) toxicity: role of alcohol and aldehyde dehydrogenases.

Pharmacological treatment of alcohol intoxication, withdrawal and dependence: a critical review.

[Experimental model of the peroxide toxicity of peroxisomes].

Treatment of adverse digitalis effects by hemoperfusion through columns with antidigoxin antibodies bound to agarose polyacrolein microsphere beads.

Allyl alcohol liver injury: suppression by ethanol and relation to transient glutathione depletion.

Initiation of hepatocarcinogenesis in infant male B6C3F1 mice by N-hydroxy-2-aminofluorene or N-hydroxy-2-acetylaminofluorene depends primarily on metabolism to N-sulfooxy-2-aminofluorene and formation of DNA-(deoxyguanosin-8-yl)-2-aminofluorene adducts.

[A case of acute occupational poisoning by 2-4-6 trichloro-1-triazine (cyanuric chloride)].

Analysis of pentachlorophenol in water and urine by enrichment with Lipidex 5000.

Oxygen toxicity and chromosomal breakage in ataxia telangiectasia.

Putrescine and 5-hydroxytryptamine accumulation in rat lung slices: cellular localization and responses to cell-specific lung injury.

Blood acetaldehyde and the ethanol-induced increase in splanchnic circulation.

Hyperoxia increases H₂O₂ production by brain in vivo.

Role of acetaldehyde in the ethanol-induced impairment of hepatic glycoprotein secretion in the rat in vivo.

[Effect of ethanol and the catalase inhibitor aminotriazole on lipid peroxidation in the rat myocardium].

Uptake, efflux and metabolism of the polyamine putrescine in rabbit lung slices.

The role of acrolein in allyl alcohol-induced lipid peroxidation and liver cell damage in mice.

Ethanol metabolism in alcohol dehydrogenase deficient deermice is mediated by the microsomal ethanol oxidizing system, not by catalase.

Evidence that herbicides relaxing smooth and oblique-striated muscles affect the muscle cell membrane.

Changes of the liver UDP-glucuronosyltransferase activity in trout (*Salmo gairdneri* Rich.) acutely exposed to selected aquatic toxicants.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on thermogenesis in brown adipose tissue of rats.

Biochemically damaged erythroblasts bind natural serum antibodies and activate complement.

High-dose carbonyl iron for iron deficiency anemia: a randomized double-blind trial.

The effect of saccharin ingestion on the excretion of microbial amino acid metabolites in rat and man.

In vivo and in vitro interactions of TCDD and other ligands of the Ah-receptor: effect on embryonic and fetal tissues.

Mortality among flavour and fragrance chemical plant workers in the United States.

Biosynthesis and degradation of collagen in X-irradiated mouse lung.

Teratogenic effects of polychlorinated dibenzofurans in combination in C57BL/6N mice.

Collagen type III deficiency in patients with rupture of intracranial saccular aneurysms.

Treatment of iron deficiency conditions in blood donors: controlled study of iron sulphate versus iron protein succinylate.

The experimental and clinical pathology of diene conjugation.

Pleiotropic drug resistance in hepatocytes induced by carcinogens administered to rats.

Effects of vitamin A and/or thyroidectomy on liver microsomal enzymes and their induction in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

Significance of mirex-caused hypoglycemia and hyperlipidemia in rats.

Recognition of a purified Mr-40,000 organ-specific immunogen of human lung cancer by class II-restricted T-cells.

Effect of chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on sister chromatid exchange levels in peripheral lymphocytes of the rhesus monkey.

Achondrogenesis type II, abnormalities of extracellular matrix.

Prealbumin variants in the amyloid fibrils of Swedish familial amyloidotic polyneuropathy.

The impairment of retention induced by pentylentetrazol in mice may be mediated by a release of opioid peptides in the brain.

Regulation of cytochrome P-450c in differentiated and dedifferentiated rat hepatoma cells: role of the Ah receptor.

Differential endocytosis of fluorescein iso-thiocyanate-concanavalin A by normal and chronic myeloid leukemic granulocytes.

Inactivation of *Bacillus piliformis* spores by heat and certain chemical disinfectants.

Different cholinergic pathways are involved in the improvement induced by CCK-8 and by ACTH-(1-24) in massive acute hemorrhage, in rats.

Pleiotropic effect of the gene hairless on hepatotoxicity of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in mice.

Pulmonary interstitial fibrosis induced in hapten-immune hamsters.

Antigenicity and uveitogenicity of partially purified peptides of a retinal autoantigen, S-antigen.

[Dinitrophenol compounds: toxicology, therapy and prevention of poisoning (review of the literature)].

Cellular action of arginine vasopressin in the isolated renal tubules of hypothyroid rats.

Reproductive tract lesions resulting from subchronic administration (63 days) of tri-o-cresyl phosphate in male rats.

Erythrocyte lysis by monocytes: investigations on the mechanism and role of the target cell hydrogen peroxide catabolizing pathways.

Studies of phagocytosis in chronic granulomatous disease.

Hydroxyl radical generation by microsomes after chronic ethanol consumption.

Iron deficiency anemia and iron therapy effects on infant developmental test performance.

⁵¹Cr-uptake assay. A sensitive and reliable method to quantitate cell viability and cell death.

[A simple determination method of bromide ion in plasma of methyl bromide workers by head space gas chromatography].

Glycolytic activity and enhancement of serotonin uptake by endothelial cells exposed to hypoxia/anoxia.

Structure-activity studies of the hepatocarcinogenicities of alkenylbenzene derivatives related to estragole and safrole on administration to preweanling male C57BL/6J x C3H/HeJ F1 mice.

Carcinogenic effects of infantile and long-term 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment in the mouse.

Suicidal poisoning deaths in Singapore 1975-1984.

The effect of arsenic on urethan-induced adenoma formation in Swiss mice.

[Relation between glutamate and adenine nucleotide levels of heart mitochondria during hypoxia].

Fengabine, a novel antidepressant GABAergic agent. I. Activity in models for antidepressant drugs and psychopharmacological profile.

Immunochemical characterization of fibrinogen, fibrin I, and fibrin II in human thrombi and atherosclerotic lesions.

Catalase in cultured skin fibroblasts from patients with the cerebro-hepato-renal (Zellweger) syndrome: normal maturation in peroxisome-deficient cells.

Skeletal muscle glucocorticoid receptor and glutamine synthetase activity in the wasting syndrome in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Quantitative cancer risk assessments for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Drug-induced cholestasis.

Acute methyl bromide toxicity.

Central nervous system intoxications other than lead.

Evaluation of a program to overcome vitamin A and iron deficiencies in areas of poverty in Minas Gerais, Brazil.

Clinical reports on plasma exchange in the Kidney Center, Tokai University School of Medicine.

O-phenylenediamine oxidation by phorbol myristate acetate-stimulated human polymorphonuclear leukocytes: characterization of two distinct oxidative mechanisms.

Orientation staining for the demonstration of Mycobacterium leprae in semithin sections.

A serine proteinase inhibitor produced by an HTLV I virus-transformed human T lymphocyte line.

Acute pesticide poisoning in England and Wales.

Incidence of ethylene glycol intoxication in dogs and cats seen at Colorado State University Veterinary Teaching Hospital.

Emergency gastrotomy: treatment of choice for iron bezoar.

Oral toxicity of trichlorobenzyl chloride and its acid derivative.

Embryotoxicity and fetotoxicity of orally administered tridiphane in mice and rats.

[Experimental studies of the inflammation-inducing action of various agents used in the treatment of pulp diseases in deciduous teeth].

Sendai-viral HN and F glycoproteins as probes of plasma-membrane protein catabolism in HTC cells. Studies with fusogenic reconstituted Sendai-viral envelopes.

Hepatic encephalopathy. Application of visual evoked responses to test hypotheses of its pathogenesis in rats.

Analysis of mechanisms responsible for the bradycardic action of naloxone after haemorrhage in the conscious rabbit.

Epitope mapping of the von Willebrand factor subunit distinguishes fragments present in normal and type IIA von Willebrand disease from those generated by plasmin.

Effect of inhibitors of arachidonic acid metabolism on efflux of intracellular enzymes from skeletal muscle following experimental damage.

Carbonyl iron for short-term supplementation in female blood donors.

Induction of photoallergy in guinea-pigs by injection of photoallergen-protein conjugates.

Health effects of pesticides: a review of epidemiologic research from the perspective of developing nations.

Fatal iron intoxication in late pregnancy.

Urinary chlorophenols in sawmill workers.

Survival rates and properties of sickle cell anemia red cells treated with nitrogen mustard.

Hippuric acid and ortho-cresol as biological indicators of occupational exposure to toluene.

[Changes in brain energy metabolism in experimental cerebral hemorrhage].

A canine model for the study of hapten-specific suppression of IgE-mediated bronchoconstriction and anaphylaxis.

Bioavailability and therapeutic efficacy of bivalent and trivalent iron preparations.

Equivalent bioavailability of iron from ferrous salts and a ferric polymaltose complex. Clinical and experimental studies.

Differential effects of acute changes in cell Ca^{2+} concentration on myofibrillar and non-myofibrillar protein breakdown in the rat extensor digitorum longus muscle in vitro. Assessment by production of tyrosine and N tau-methylhistidine.

Potent effects of the monoclonal antibody-mitomycin C conjugate on human colon cancers.

Exposure to hair dyes and polychlorinated dibenzo-p-dioxins in AIDS patients with Kaposi sarcoma: an epidemiological investigation.

Assessment of the systemic distribution and toxicity of formaldehyde following pulpotomy treatment: Part two.

No evidence for reactive oxygen damage in ischemia-reflow injury.

[Dynamic aspects of mineral metabolism in dry cows, puerperants and calves].

Antineoplastic activity of azacarbazoles. II. Effect of alpha-carboline and its derivatives on transplantable animal neoplasms.

Development of resistance and characteristics of a human colon carcinoma subline resistant to mitoxantrone in vitro.

[Intracanal medications].

Porphyriurias and occupational disease.

Pesticides and cancer risks in agriculture.

[Acute lung failure--a critical analysis].

[Experimental studies on the bactericidal activity of various agents used in the treatment of dental pulp diseases in deciduous teeth].

The role of necrosis in hepatocellular proliferation and liver tumors.

Dystonia and tremor following exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Phototoxic potential of afloqualone, a quinazolinone derivative, as determined by photosensitized inactivation of bacteriophage.

Medical, life-style, and occupational risk factors for prostate cancer.

The heparin binding site of human antithrombin III. Selective chemical modification at Lys114, Lys125, and Lys287 impairs its heparin cofactor activity.

Suicidal sodium azide ingestion.

Reactivation of inhibited bone acid phosphatase and its significance in bone histomorphometry.

Triazene metabolism. VI. 3-Azidomethyl-3-alkyl-1-aryltriazenes, a new class of anti-tumour triazene with potential pro-drug applications.

Alteration of intestinal tight junction structure and permeability by cytoskeletal contraction.

A dose-response curve for yusho syndrome.

Ah receptor: relevance of mechanistic studies to human risk assessment.

An increase in cerebral benzodiazepine receptors induced by a subacute administration of ammonia, mercaptans and short-chain fatty acids in rats.

Effects of methyl (+)(3S)-1,2,3,4-tetrahydro-3-hydroxy-methyl-beta-carboline-2- carbodithioate (THC), a new hepatoprotective agent, on acute liver injuries induced by various hepatotoxic substances in mice and rats.

Peroxide alters neuronal excitability in the CA1 region of guinea-pig hippocampus in vitro.

Monochloroacetic acid toxicity in the mouse associated with blood-brain barrier damage.

Effect of age and sex on allyl alcohol hepatotoxicity in rats: role of liver alcohol and aldehyde dehydrogenase activities.

Thermal degradation products from an ethylene methacrylic acid copolymer-partial metal salt as the cause of industrial bronchitis.

[Emotional behavior disorders in rats during the formation of a generator of pathologically enhanced excitation in the basomedial nuclei of the amygdaloid complex].

Neutrophil-mediated cytotoxicity triggered by immune complexes: the role of reactive oxygen metabolites.

Regulation of fructose 2,6-bisphosphate levels in *Neurospora crassa*.

A QSAR study of the acute toxicity of some industrial organic chemicals to goldfish. Narcosis, electrophile and proelectrophile mechanisms.

Histopathology of acute toxic responses in selected tissues from rats exposed by inhalation to methyl bromide.

ADP-induced platelet aggregation depends on the conformation or availability of the terminal gamma chain sequence of fibrinogen. Study of the reactivity of fibrinogen Paris 1.

An improved method for the inhibition of endogenous peroxidase non-deleterious to lymphocyte surface markers. Application to immunoperoxidase studies on eosinophil-rich tissue preparations.

Amino Acid Metabolism of *Lemna minor* L. : II. Responses to Chlorsulfuron.

Acute symptoms in persons residing near a field treated with the soil fumigants methyl bromide and chloropicrin.

3,3',4,4'-Tetrachlorobiphenyl in pregnant mice: embryotoxicity, teratogenicity, and toxic effects on the cultured embryonic thymus.

Oxygen metabolite-induced cytotoxicity to cultured rat gastric mucosal cells.

Liposome-mediated augmentation of catalase in alveolar type II cells protects against H₂O₂ injury.

Comparison of the acute toxicity of endothal and cantharidic acid on mouse liver in vivo.

Effect of allyl alcohol-induced sublethal hepatic damage upon doxorubicin metabolism and toxicity in the rabbit.

Enhancement of rat liver microsomal metabolism of azoxymethane to methylazoxymethanol by chronic ethanol administration: similarity to the microsomal metabolism of N-nitrosodimethylamine.

Age-related failure of endocytosis may be the pathogenetic mechanism responsible for "cold" follicle formation in the aging mouse thyroid.

Involvement of ack-pta operon products in alpha-ketobutyrate metabolism by *Salmonella typhimurium*.

Dose-dependent elevation of Ah receptor binding by TCDD in rat liver.

Hepatic cyclic GMP formation is regulated by similar factors that modulate activation of purified hepatic soluble guanylate cyclase.

Ultrastructural changes in the respiratory tract of rats following methyl isocyanate inhalation.

Effects of aquatic humus on accumulation and acute toxicity of some organic micropollutants.

Fengabine, a novel antidepressant GABAergic agent. II. Effect on cerebral noradrenergic, serotonergic and GABAergic transmission in the rat.

Dexamethasone impairs growth and collagen synthesis in condylar cartilage in vitro.

In vitro cytotoxicity of allyl alcohol and bromobenzene in a novel organ culture system.

A critical evaluation of the use of mutagenesis, carcinogenesis, and tumor promotion data in a cancer risk assessment of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Health-risk estimates for 2,3,7,8-tetrachloro-dibenzodioxin: an overview.

Spontaneous quantal and subquantal transmitter release at the Torpedo nerve-electroplaque junction.

ATP depletion causes a reversible redistribution and inactivation of a subpopulation of galactosyl receptors in isolated rat hepatocytes.

Chilling-Enhanced Photooxidation : The Peroxidative Destruction of Lipids during Chilling Injury to Photosynthesis and Ultrastructure.

Mutagenicity of the C-nitroso analog of fenitrothion.

Bacterial carbon-phosphorus lyase: products, rates, and regulation of phosphonic and phosphinic acid metabolism.

In vitro cytotoxicity of organic pollutants to bluegill sunfish (BF-2) cells.

Induction of respiratory deficiency in yeast by salts of chromium, arsenic, cobalt and lead.

Combinations of mesna with cyclophosphamide or adriamycin in the treatment of mice with tumors.

Characterization of the in vitro stability of the rat hepatic receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Claims of injury: agent orange on trial.

Impaired calcium sequestration activity in liver microsomes from fasted rats.

Acute toxicity in the guinea pig and in vitro "dioxin-like" activity of the environmental contaminant 1,2,4,5,7,8-hexachloro (9H)xanthene.

Output of bacterial metabolites as a diagnostic means.

Central nervous system toxicity of some common environmental residues in the mouse.

[Excretory function of the liver with an allyl alcohol lesion and the antioxidant correction of the disorders].

Mechanisms of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin (HpCDD)-induced humoral immune suppression: evidence of primary defect in T-cell regulation.

A dynamic liver culture system: a tool for studying chemical biotransformation and toxicity.

Composition of diet modifies toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in cold-adapted rats.

Effect of thyroidectomy on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced lipid peroxidation.

Exochelin-mediated iron acquisition by the leprosy bacillus, *Mycobacterium leprae*.

Metabolism and distribution of [¹⁴C]glucose in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

7-ethoxycoumarin O-deethylation in perfused livers from ethanol-fed rats: evidence for an important role of mitochondrial reducing equivalents.

Ca-dependent ADPase--the possible regulator of calcium channel during the deficiency of ATP.

Physiological, anatomic and behavioural changes in the respiratory system of *Salmo gairdneri* Rich. On acute and chronic exposure to chlorothalonil.

Protection against paraquat-induced injury by exogenous GSH in pulmonary alveolar type II cells.

Changing motivation in severely suicidal patients.

Synthetic seleno-organic compound with glutathione peroxidase-like activity in the chick.

Acute effect of paraquat on lung fluid balance and prostanoid production in awake sheep.

Tissue levels of atrazine in a case of bovine poisoning.

Correlated biochemical and ultrastructural studies on the lung in isolated and combined acute treatment with ethanol and paraquat.

Factors affecting the exposure of ground-rig applicators to 2,4-D dimethylamine salt.

Oxygenation during ventilation by high-frequency oscillation in dogs with acute lung injury.

[The degree of toxicity of the combined effects of chlorophenoxy derivative herbicides on reproductive function of warm-blooded animals, and the problems of their hygienic regulation].

Mortality of workers exposed to 2-methyl-4-chlorophenoxyacetic acid.

Acute, 14-day repeated dosing, and 90-day subchronic toxicity studies of potassium picloram.

The embryoletality and teratogenicity of acrolein in cultured rat embryos.

Failure of radiotherapy to reverse progressive pulmonary fibrosis caused by paraquat.

Follow-up chest radiographs in Vietnam veterans: are they useful?

Toxicity of 2-methyl-4-chlorophenoxyacetic acid to the adult crested newt.

Cytotoxic effects of paraquat and inhibition of them by vitamin E.

The pharmacology of the parkinsonian syndrome producing neurotoxin MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) and structurally related compounds.

Hepatic disease associated with ground-glass inclusions in hepatocytes after cyanamide therapy.

Mutagenic and cytotoxic effects of oxygen free radicals generated by methylviologen (paraquat) on *Escherichia coli* with different DNA-repair capacities.

[Effect of "huoxue huayu" injections on pulmonary pathological changes caused by paraquat in the rat].

Paraquat and two endogenous analogues of the neurotoxic substance N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine do not damage dopaminergic nigrostriatal neurons in the mouse.

Agricultural herbicide use and risk of lymphoma and soft-tissue sarcoma.

Herbicide exposure and cancer.

Severe acute oxidant exposure: morphological damage and aerobic metabolism in the lung.

Irritation, sensitization, photoirritation and photosensitization assays with a glyphosate herbicide.

[Hygienic characteristics of working conditions and the functional status of technicians in agricultural aviation].

Case-control study of multiple myeloma and farming.

The Agent Orange controversy after the Evatt Royal Commission.

[Neurologic manifestations in 93 patients with exogenous poisoning caused by non-therapeutic chemical substances].

Selenium-dependent glutathione peroxidase inhibitors increase toxicity of prooxidant compounds in chicks.

Chloracne from pentachlorophenol-preserved wood.

Effects of cerebro-protective agents on enzyme activities of rat primary glial cultures and rat cerebral cortex.

A light and electron microscopic study of the regenerative epithelium in the intrahepatic bile duct.
Experimental study of local direct instillation of paraquat into the intrahepatic bile ducts of rats.

Pharmacokinetic profile of paraquat following intravenous administration to the rabbit.

The effect of topically applied n-butylester of 2,4-dichlorophenoxyacetic acid on the immune response in mice.

Acute toxicity of cadmium and sodium pentachlorophenate to daphnids and fish.

A comparison of costs and data quality of three health survey methods: mail, telephone and personal home interview.

[Toxicologo-hygienic evaluation of morphological changes in the liver of animals exposed to butyl esters of 2,4-D and 2,4,5-T (2,4-DB, 2,4,5-TB) and their combinations].

Acute group poisoning of paraquat--case report.

Effects of phenoxyacetic acids on the induction of chromosome aberrations in vitro and in vivo.

The role of pesticides in skin disease.

Potential impact of selected agricultural chemical contaminants on a northern prairie wetland: A microcosm evaluation.

The impact of inhaled acrolein on hypertension-sensitive and resistant rats.

Effects of temperature on the acute toxicity of PCP in the midge *Chironomus riparius* Meigen.

Bioavailability of dioxin in soil from a 2,4,5-T manufacturing site.

Dioxin exposure. CDC study still at square one.

Further studies of lipid peroxidation in human paraquat poisoning.

[Histopathological analysis of pulmonary findings of 40 autopsy cases in paraquat poisoning].

Similarity of isozyme pattern of serum lactate dehydrogenase following treatments with O,O,S-trimethyl phosphorothioate and paraquat.

Multicenter evaluation of ultrafiltration, dialysis, and thermal coagulation as sample pretreatment methods for the colorimetric determination of paraquat in blood and tissues.

Occupation-related male infertility: a review.

Morphological and biochemical correlates of chemical induced injury in the lung. A discussion.

Management of acute childhood poisonings caused by selected insecticides and herbicides.

Current status of plasmapheresis in toxicology.

Subacute atrazine treatment effects on rat renal functions.

[Various aspects of the hygiene and toxicology of the herbicide sangor].

[A case of consciousness disturbance and polyneuropathy after exposure to paraquat and its nerve biopsy findings].

Overproduction of human Cu/Zn-superoxide dismutase in transfected cells: extenuation of paraquat-mediated cytotoxicity and enhancement of lipid peroxidation.

Paternal contributions to birth defects.

Changes in lung tissue and lavage fibronectin after paraquat injury in rats.

Effects of pH on the acute toxicity and uptake of [¹⁴C]pentachlorophenol in the midge, *Chironomus riparius*.

Mortality and lung histopathology after inhalation lung injury. The effect of corticosteroids.

Non-Hodgkin's lymphoma and exposure to phenoxyherbicides, chlorophenols, fencing work, and meat works employment: a case-control study.

Pseudomembranous colitis in a patient of paraquat intoxication.

Soft tissue sarcoma risk in Swedish agricultural and forestry workers.

Specific hemoperfusion through agarose acrobeads.

Sulfuric acid esters as major ultimate electrophilic and hepatocarcinogenic metabolites of 4-aminoazobenzene and its N-methyl derivatives in infant male C57BL/6J x C3H/HeJ F1 (B6C3F1) mice.

Chronic progredient diffuse alveolar damage probably related to exposure to herbicides.

An accident and emergency department's view of self-poisoning: a retrospective study from the United Norwich Hospitals 1978-1982.

Exposure of Finnish farm workers to phenoxy acid herbicides.

Standardized prognosis evaluation in acute toxicology its benefit in colchicine, paraquat and digitalis poisonings.

[Interactions between herbicides and various of the most frequently used drug groups. I. Interactions between chronically administered herbicides: carbendazyme, 2,4-dichlorophenoxyacetic acid and 2,4,5-trichlorophenoxyacetic acid and drugs affecting the circulatory system].

[Lung damage caused by paraquat. 1. Histologic, histochemical and pathophysiologic findings in rat lungs following acute paraquat poisoning].

Kidney morphology and function in the young of rats malnourished and exposed to nitrofen during pregnancy.

Estimation of exposure to Agent Orange and other defoliant among American troops in Vietnam: a methodological approach.

Adjunctive therapy of phenytoin overdose--a case report using plasmaphoresis.

Diquat intoxication: treatment by charcoal haemoperfusion and description of a new method of diquat measurement in plasma.

Review of recent Vietnamese studies on the carcinogenic and teratogenic effects of phenoxy herbicide exposure.

LDH enzymes as a tool on monitoring tissue necrosis in fishes caused by pesticides.

Delayed health hazards of pesticide exposure.

Effects of oxidative stress caused by hyperoxia and diquat. A study in isolated hepatocytes.

The effect of oral exposure to the n-butylester of 2,4-dichlorophenoxyacetic acid on the immune response in mice.

Potential neurotoxicity of NaBH₄ reduced paraquat.

Paraquat-induced neutrophil alveolitis: reduction of the inflammatory response by pretreatment with endotoxin and hyperoxia.

L-dopa reverses the effects of MPP⁺ toxicity.

Effects on the fetus of maternal nitrofen exposure in the protein-deprived rat.

[Poisoning in swine].

Skin lesions as a sign of subacute pentachlorophenol intoxication.

The response of the lung to foreign compounds that produce free radicals.

Industrial hygiene, chemical and biological assessments of exposures to a chlorinated phenolic sapstain control agent.

[Characteristics of an experimental model of alcoholic cardiomyopathy by diagnostic enzyme tests].

Removal of paraquat from contaminated fabrics.

Glutathione depletion as a determinant of sensitivity of human leukemia cells to cyclophosphamide.

Cytotoxicity, DNA cross-linking, and single strand breaks induced by activated cyclophosphamide and acrolein in human leukemia cells.

Effects of cyanamide on body weight and brain monoamines and metabolites in rats.

Biological monitoring of agricultural workers exposed to pesticides: II. Monitoring of intact pesticides and their metabolites.

[Ultrastructural changes on the alveolar surface in experimental respiratory distress syndrome with emphasis on the detection of surfactants].

Bacterial infection and acute lung injury in hamsters.

Ultrastructural and histochemical observations in human and experimental alcoholic cardiomyopathy.

The influence of skeletal muscle reinnervation on experimentally induced myotonia.

Histamine action in paraquat-induced lung injury.

The effect of dietary and chemically induced methylation deficiency on the metabolism of arsenate in the rabbit.

[Oxidative processes in the lung tissue in respiratory failure].

Lack of neuropathologic consequences of repeated dermal exposure to 2,4-dichlorophenoxyacetic acid in rats.

Porphyrins and pentachlorophenol in rat-liver mitochondria in hexachlorobenzene-induced porphyria.

Effects of thyroid status on brain catecholamine biosynthesis in adult rats: assessment by a steady-state method.

Antioxidant defense mechanisms of endothelial cells: glutathione redox cycle versus catalase.

[Pentachlorophenol concentrations in the organs and blood of 11 dead infants].

Comparative studies on the mechanisms of paraquat and 1-methyl-4-phenylpyridine (MPP+) cytotoxicity.

The role of mitochondrial glutathione and cellular protein sulfhydryls in formaldehyde toxicity in glutathione-depleted rat hepatocytes.

Altered lung function and structure in the rat after subchronic exposure to acrolein.

5-Hydroxyindoleacetic acid and 5-hydroxytryptophol levels in rat brain: effects of ethanol, pyrazole, cyanamide and disulfiram treatment.

Bipyridylium herbicide toxicity in vitro: comparative study of the cytotoxicity of paraquat and diquat toward the pulmonary alveolar macrophage.

Collagen defects in lethal perinatal osteogenesis imperfecta.

Three abnormal fibrinogen variants with the same amino acid substitution (γ 275 Arg \rightarrow His): fibrinogens Bergamo II, Essen and Perugia.

Induction of experimental allergic neuritis in the BN rat: P2 protein-specific T cells overcome resistance to actively induced disease.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in cold-adapted rats.

Impaired odor perception in tank cleaners.

Poisoning by chemical non-medicinal products in Brazil: clinical and laboratory findings in 132 patients.

Ventilatory impairment from pre-harvest retted flax.

Kinetics of uptake and intracellular binding of Cyclosporine A in RAJI cells, in vitro.

Effect of iron therapy on phagocytosis and bactericidal activity in neutrophils of iron-deficient infants.

O₂ metabolites and neutrophil elastase synergistically cause edematous injury in isolated rat lungs.

Successful treatment of aplastic anemia associated with chronic thyroiditis and Sjögren's syndrome.

S-antigen: identification of the MAbA9-C6 monoclonal antibody binding site and the uveitopathogenic sites.

[Prevention of iron deficiency in infants by fortified milk. Field study of a low-fat milk].

Effect of chloroacetic acids on the kidneys.

Impaired ketogenesis in iron-deficient rat pups.

Two automated procedures for N-acetyl-beta-D-glucosaminidase determination evaluated for detection of drug-induced tubular nephrotoxicity.

Lipid peroxidative potency of photosensitized thiazide diuretics.

Hyperferremia in immunosuppressed patients with acute nonlymphocytic leukemia and the risk of infection.

Neurobehavioral evaluation of soil and structural fumigators using methyl bromide and sulfur dioxide.

Comparative study of Baralgin and hyoscine-N-methyl bromide in the treatment of intestinal and renal colic pain.

Bioavailability of iron in goat milk compared with cow milk fed to anemic rats.

Effects of BHA and related phenols on the forestomach of rats.

Hematotoxic effects of 3,5-dinitro-4-chloro-alpha,alpha,alpha-trifluorotoluene, a water contaminant.

Methyl isocyanate subchronic vapor inhalation studies with Fischer 344 rats.

The effects of Love Canal soil extracts on maternal health and fetal development in rats.

Effects of prenatal nitrofen exposure on cardiac structure and function in the rat.

Regression of methyl bromide-induced forestomach lesions in the rat.

Bioavailability of iron in soy-based formula and its effect on iron nutrition in infancy.

Seizures and action myoclonus after occupational exposure to methyl bromide.

Mitochondrial phototoxicity sensitized by doxycycline in cultured human carcinoma cells.

Tumor killing by human alveolar macrophages and blood monocytes. Decreased cytotoxicity of human alveolar macrophages.

Reversible inactivation of the Ah receptor associated with changes in intracellular ATP levels.

Chronic hypoxaemia and decompensated erythrocytosis in cyanotic congenital heart disease.

Fatal methyl bromide poisoning.

Ascorbic acid does not augment the restoration effect of iron treatment for empty iron stores in patients after gastrointestinal surgery.

The heart rate slowing effect of pindolol in patients with digitalis resistant atrial fibrillation and heart failure.

A novel biologically active seleno-organic compound--VI. Protection by ebselen (PZ 51) against galactosamine/endotoxin-induced hepatitis in mice.

In vitro determination of intestinal amino acid (¹⁴C-L-glycine) absorption during cholera.

Chemically induced resistance to heat treatment and stress protein synthesis in cultured mammalian cells.

Antibody responses in protein-energy restricted beef cows and their cold stressed progeny.

Toxicity and evidence for metabolic alterations in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated guinea pigs fed by total parenteral nutrition.

Effects of adenine and its isomer 4-aminopyrazolo-[3,4-d]-pyrimidine on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced mortality in rats.

Modulation of serum complement levels following exposure to polychlorinated dibenzo-p-dioxins.

[Effect of environmental pollutants on the spermatogram].

Competitive interaction of iron and zinc in the diet: consequences for human nutrition.

The effects of nonadecafluoro-n-decanoic acid on serum retinol and hepatic retinyl palmitate hydrolase activity in male Sprague-Dawley rats.

Trypanosoma cruzi: isolate dependence in the induction of lytic antibodies in the mouse and rabbit.

Immunosuppression without liver induction by subchronic exposure to 2,7-dichlorodibenzo-p-dioxin in adult female B6C3F1 mice.

[Compensatory factors in acute failure of the isolated heart].

A monoclonal antibody preventing binding of tissue-type plasminogen activator to fibrin: useful to monitor fibrinogen breakdown during t-PA infusion.

Evaluating toxin-induced hepatic injury in rats by laboratory results and discriminant analysis.

[Pneumonitis with fatal pulmonary fibrosis (Hamman-Rich syndrome) due to parathion-(E-605-) poisoning].

Mediation of IgA induced lung injury in the rat. Role of macrophages and reactive oxygen products.

Modulation of IgM anti-lymphocyte antibody-reactive T cell surface antigens in systemic lupus erythematosus.

Effect of ischemia-related metabolic factors on thallium exchange in cultured rat myocardial cells.

Alcohol and acetaldehyde in rat's milk following ethanol administration.

Deletion of 24 amino acids from the pro-alpha 1(I) chain of type I procollagen in a patient with the Ehlers-Danlos syndrome type VII.

Health effects of long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Dioxin exposure at Monsanto.

S-antigen-specific rat T cell lines recognize peptide fragments of S-antigen and mediate experimental autoimmune uveoretinitis and pinealitis.

Collagen in human aorta. Changes in the type III/I ratio and concentration of the reducible crosslink, dehydrohydroxylysino-norleucine in ascending aorta from healthy subjects of different age and patients with annulo-aortic ectasia.

Iron deficiency and behavioral development in infants and preschool children.

Identification of ferrous sulfate toxicity in a commercial broiler flock.

[Methyl bromide poisoning].

Syntheses and effects of [Glu34]-thymopoietin II fragment 32-45 and its analogs on the impaired T-cell transformation in a patient with common variable immunodeficiency.

Suppression of B cell differentiation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Comparative uptake, retention and cytotoxicity of daunorubicin by human myeloid cells.

Plasma membrane potential of murine erythroleukemia cells: approach to measurement and evidence for cell-density dependence.

Subchronic oral toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the guinea pig: comparisons with a PCB-containing transformer fluid pyrolysate.

Anisakis simplex: uncoupling of oxidative phosphorylation in the muscle mitochondria of infected fish.

Iron deficiency in the elderly.

The effect of antacids on the absorption of simultaneously ingested iron.

Histopathology of interscapular brown adipose tissue, thyroid, and pancreas in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-treated rats.

Carbonyl iron therapy for iron deficiency anemia.

Further discussion concerning porphyria cutanea tarda and TCDD exposure.

The diagnosis of dioxin-associated illness.

[Guanylate cyclase activity of the rabbit myocardium in normal conditions and in allergic states].

The effect of sodium tetraborate and alum in the management of acute childhood diarrhoea.

1-Methyl-4-phenylpyridine (MPP+) induces oxidative stress in the rodent.

Electrophysiological correlates of peroxide damage in guinea pig hippocampus in vitro.

Relationship of the wasting syndrome to lethality in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Synergistic interaction of 2,3,7,8-tetrachlorodibenzo-p-dioxin and hydrocortisone in the induction of cleft palate in mice.

The use of renal tubule fragments isolated from the rat to investigate aspects of gentamicin nephrotoxicity.

A pilot epidemiologic study of possible health effects associated with 2,3,7,8-tetrachlorodibenzo-p-dioxin contaminations in Missouri.

Changes in the physical and chemical properties of skin collagen from broiler chickens exhibiting oily bird syndrome.

Eosinophil-mediated cellular cytotoxicity induced by zymosan-activated serum.

Toxic myoclonus.

Postmortem studies on posthypoxic and post-methyl bromide intoxication: case reports.

CCl₄-induced toxicity in isolated hepatocytes: the importance of direct solvent injury.

Zinc tolerance test in uremia. Effect of ferrous sulfate and aluminum hydroxide.

Lung neoplasms in rodents after chronic administration of dimethyl hydrogen phosphite.

Acute effect of methyl bromide on sleep-wakefulness and its circadian rhythms in rats.

Bovine amyloid protein AA: isolation and amino acid sequence analysis.

[Alkyldinitrophenol poisoning].

Subacute inhalation experiment for methyl bromide in rats.

A case of fatal sodium azide ingestion.

Liver histology in chronic metribuzin poisoning of the guinea-pig.

Porphyrogenic effect of hexachlorobenzene and 2,3,7,8-tetrachlorodibenzo-para-dioxin: is an inhibitor involved in uroporphyrinogen decarboxylase inactivation?

Synergistic neurotoxicity of carbon tetrachloride/carbon disulfide (80/20 fumigants) and other pesticides in grain storage workers.

Drug-induced myoclonus.

Occupational exposures to chlorophenols.

A review of porphyria and cancer and the missing link with human exposure to hexachlorobenzene.

The role of contaminants in hexachlorobenzene toxicity.

Effects on the fetal rat intestine of maternal malnutrition and exposure to nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether).

Cell number and size in selected organs of fetuses of rats malnourished and exposed to nitrofen.

Inhibition of the low-K_m mitochondrial aldehyde dehydrogenase by diethyl maleate and phorone in vivo and in vitro. Implications for formaldehyde metabolism.

Localization of biologic functions of toxic shock syndrome toxin-1 by use of monoclonal antibodies and cyanogen bromide-generated toxin fragments.

Nifedipine attenuates both alpha-1 and alpha-2 adrenoceptor-mediated pressor and vasoconstrictor responses in conscious dogs and primates.

The nucleotide and partial amino acid sequence of toxic shock syndrome toxin-1.

The effects of pyridinium salts, structurally related compounds of 1-methyl-4-phenylpyridinium ion (MPP⁺), on tyrosine hydroxylation in rat striatal tissue slices.

[Changes in intercellular contact as a parameter of hepatotoxicity of industrial substances].

Hepatic regenerative enzyme activity after pericentral and periportal lobular toxic injury.

Semisynthesis of the native sequence of horse heart cytochrome c-(66-104)-nonatriacontapeptide.

Reproductive toxicology of disinfection by-products.

Acute toxicity and QSAR of chlorophenols on *Daphnia magna*.

The metabolism of fungicides.

A quantitative evaluation of the extent of inner mitochondrial membrane destruction after freezing-thawing based on functional studies.

Effects of heparin on prostacyclin binding and platelet adenylate cyclase activity stimulated by iloprost and forskolin.

Binding of a metabolite of 3,4,3',4'-tetrachlorobiphenyl to transthyretin reduces serum vitamin A transport by inhibiting the formation of the protein complex carrying both retinol and thyroxin.

Metabolism and disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin in guinea pigs.

A critical examination of assumptions used in risk assessments of dioxin contaminated soil.

In vivo ³¹P nuclear magnetic resonance studies of arsenite induced changes in hepatic phosphate levels.

[Protective effect of malotilate (diisopropyl 1,3-dithiol-2-ylidenemalonate) on chemical-induced hepatotoxicity].

Acute toxicity of pesticides in adult and weanling rats.

Rat lung microsomal lipid peroxidation: effects of vitamin E and reduced glutathione.

Concentration and chemical status of arsenic in the blood of pregnant hamsters during critical embryogenesis. 1. Subchronic exposure to arsenate utilizing constant rate administration.

Influence of extracellular calcium on allyl alcohol-induced hepatotoxicity.

Interactive effects of estradiol and 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic cytochrome P-450 and mouse uterus.

Thyroid status and thermogenesis in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Characterization of fibrinogen Milano I: amino acid exchange gamma 330 Asp----Val impairs fibrin polymerization.

Neurotensin in the rat parabrachial region: ultrastructural localization and extrinsic sources of immunoreactivity.

Occupational exposure to chlorophenates. Renal, hepatic and other health effects.

The in situ perfused spinal cord of the rat. Applicability of drugs and chemicals, sodium-lithium exchange, and calcium reduction to functional intact central nervous system tissue.

Functional hepatocellular heterogeneity determined by the hepatotoxins allyl alcohol and bromobenzene in immature and adult Fischer 344 rats.

Screening for the ability of hexachlorobenzene metabolites to decrease rat liver porphyrinogen carboxylase.

Chemotactic activity of collagen-like polypeptides for human peripheral blood neutrophils.

The effect of inhibitors of mitochondrial energy production on hepatic glutathione, UDP-glucuronic acid, and adenosine 3'-phosphate-5'-phosphosulfate concentrations.

Studies of gene transcription and translation in regenerating rat liver.

Campylobacter jejuni in Foods: Its Occurrence, Isolation from Foods, and Injury.

Ingestion of soil contaminated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) alters hepatic enzyme activities in rats.

Effect of fasting and acute ethanol administration on the energy state of in vivo liver as measured by ³¹P-NMR spectroscopy.

The increase of body iron stores estimated by the increase of serum ferritin concentration during ferrous sulphate treatment after gastrointestinal surgery.

Relevance of gas and particulate phases of tobacco smoke for lung cancer formation: an experimental study in Syrian golden hamsters.

Enzyme release from the perfused rat heart. The functions of the cytoskeleton under cell-pathological conditions.

Iron-induced peroxidative injury to isolated rat hepatic mitochondria.

Functional derangement of liver mitochondria from hexachlorobenzene-treated rats.

The effect of some hepatotoxins on the sulphoxidation of cimetidine in rat.

Paraquat toxicity.

Amitrole: strain differences in morphological response of the liver following subchronic administration to mice.

Cardio-respiratory effects of paraquat with and without emetics on Wistar rats.

Acute toxicity of monochlorophenols, dichlorophenols and pentachlorophenol in the mouse.

The duration of the pulmonary paraquat toxicity--enhancement effect of O₂ in the rat.

Pulmonary dysfunction during paraquat-induced lung injury: a model of acute alveolar injury.

Assessment of pentachlorophenol toxicity in newborn calves: clinicopathology and tissue residues.

A new model of diffuse interstitial pulmonary fibrosis in the rat.

Acute toxicity of pentachlorophenol to the freshwater snail, *Gillia altilis*.

Herbicides and congenital malformations: a review for the paediatrician.

Comparative behavioral, biochemical and pigmentary effects of MPTP, MPP⁺ and paraquat in *Rana pipiens*.

[Mechanism of the embryotropic action of 2,4-dichlorophenoxyacetic acid].

Lack of hepatotoxicity after long-term administration of cyanamide in rats: a histological and biochemical study.

Mitochondrial injury of pulmonary alveolar epithelial cells in acute paraquat intoxication.

Chloracne and chloracnegens.

Acute toxicity of four phenoxy herbicides to aquatic organisms.

Experimental cytoxan cystitis and prevention by acetylcysteine.

Problem-solving techniques in occupational medicine.

2,4-Dichlorophenoxyacetic acid (2,4-D) does not cause polyneuropathy in the rat.

Possible dioxin poisoning in cattle.

Teratogenicity and embryoletality of acrolein and structurally related compounds in rats.

A follow-up study of cancer incidence among workers in manufacture of phenoxy herbicides in Denmark.

Effects of the cyclophosphamide metabolite acrolein in mammalian limb bud cultures.

Survival, growth, and histopathological effects of paraquat ingestion in nestling American kestrels (*Falco sparverius*).

Acute and chronic toxicity of technical picloram (4-amino-3,5,6-trichloropicolinic acid) to *Daphnia magna* Straus.

[Pentachlorophenol: current knowledge].

Comparative acute sensitivities of early life stages of atherinid fishes to chlorpyrifos and thiobencarb.

Systematically applied chemicals that damage lung tissue.

Acute and subchronic toxicity of 2,4-dichlorophenol in CD-1 mice.

Herbicides and colon cancer.

[Chemical studies of the death of fishes, using gas chromatography/mass spectrometry].

Pentachlorophenol intoxication: report of a fatal case, with comments on the clinical course and pathologic anatomy.

Sequential bilateral lung transplantation for paraquat poisoning. A case report. The Toronto Lung Transplant group.

The postnatal effects of prenatal exposure to low doses of nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether) in Sprague-Dawley rats.

[Comparative gonadotoxic effect of maloran in laboratory animals after its administration by different routes].

Recovery from paraquat pneumonitis.

Do Vietnam veterans suffer from toxic neurasthenia?

Allergic contact dermatitis due to a herbicide (barban).

[Embryotropic effect of fenuron].

Effects of various organic chemicals on the regreening of red colored *Chlorella zofingiensis*.

Steroid pretreatment does not prevent paraquat pneumonitis in rabbits.

Changes in rat lung structure and composition as a result of subchronic exposure to acrolein.

Neurotoxicity of diallate and triallate when administered orally or topically to hens.

An agent orange: case history.

[Fatal dose of paraquat].

[Enzyme study of the antiradical system in the development of cataract].

Increased plasma paraquat levels in intoxicated mice following antiparaquat F(ab')₂ treatment.

Hemoperfusion-hemodialysis ineffective for paraquat removal in life-threatening poisoning?

[Morphology of a paraquat poisoning].

The Agent Orange controversy in Australia: a contribution to the debate.

Complete recovery from paraquat poisoning causing severe unilateral pulmonary lesion.

Direct toxic effects of paraquat and oxygen on cultured endothelial cells.

Oxidant lung injury: intervention with sulfhydryl reagents.

A critical review of the literature on acrolein toxicity.

Health hazards of natural and introduced chemical components of boatbuilding woods.

Pathogenesis of acute and chronic lung injury induced by foreign compounds.

Perfume dermatitis.

Evaluation of chromosomal damage in males exposed to agent orange and their families.

Mechanisms of tobacco smoke toxicity on pulmonary macrophage cells.

[Chloracne caused by manipulation of herbicides].

Failure of desferrioxamine to modify the toxicity of paraquat in rats.

Role of metals in oxygen radical reactions.

Paraquat toxicity in vitro. I. Pulmonary alveolar macrophages.

Investigation of fatal bipyridyl poisonings.

Reproductive effects of herbicide exposure in Vietnam: recent studies by the Vietnamese and others.

[Chronic poisoning by wood-protective agents in living quarters].

The role of respiratory chain in paraquat toxicity in yeast.

[Kinetic micromethod for determining acetylcholinesterase].

Occupational exposures associated with male reproductive dysfunction.

Oxidant stress and hepatic necrosis in rats treated with diquat.

Overshoot of oxygen pressure in post-hypoxic brain tissue: a re-evaluation.

Induction of superoxide dismutase, chromosomal aberrations and sister-chromatid exchanges by paraquat in Chinese hamster fibroblasts.

Disulfiram-induced hepatitis. Report of two cases and review of the literature.

On the genotoxicity of the pesticides Endodan and Kilacar in 6 different test systems.

The role of neutrophils in the development of cadmium chloride-induced emphysema in lathyrogen-fed hamsters.

Hydrogen peroxide has a role in the aggregation of human platelets.

The role of pentachlorophenol in causing mitochondrial derangement in hexachlorobenzene induced experimental porphyria.

Arsenic speciation in urine from humans intoxicated by inorganic arsenic compounds.

Patterns of pulmonary structural remodeling after experimental paraquat toxicity. The morphogenesis of intraalveolar fibrosis.

Discrepancy between the different subcellular activities of rat liver catalase and superoxide dismutases in response to acute ethanol administration.

Lung surfactant and pulmonary toxicology.

Revised mechanism for inactivation of mitochondrial monoamine oxidase by N-cyclopropylbenzylamine.

Selenium deficiency potentiates paraquat-induced lipid peroxidation in isolated perfused rat lung.

Study of inorganic arsenic methylation by rat liver in vitro: relevance for the interpretation of observations in man.

Mechanism of allyl alcohol toxicity and protective effects of low-molecular-weight thiols studied with isolated rat hepatocytes.

Demonstration of a functional blood-testis barrier to acetaldehyde. Evidence for lack of acetaldehyde effect on ethanol-induced depression of testosterone in vivo.

Endogenous defenses against the cytotoxicity of hydrogen peroxide in cultured rat hepatocytes.

Cyclophosphamide-induced depression of the antioxidant defense mechanisms of the lung.

Formaldehyde exposure and respiratory and related cancers. A case-referent study among Finnish woodworkers.

Methylthio-capping of selenocysteine: preliminary studies on selective toxicity for cancer chemotherapy.

Iron deficiency anemia and educational achievement.

Respiratory effects of borax dust.

Evaluation of immune function in mice exposed to Ordram.

Surface functions during mitosis in rat basophilic leukemia cells.

Effect of hepatic failure toxins on liver thymidine kinase activity and ornithine decarboxylase activity after massive necrosis with acetaminophen in the rat.

Iron deficiency among incarcerated juvenile delinquents.

Decreased iron stores in high school female runners.

[Effect of phenobarbital on the kinetics of the change in the level of paramagnetic metalloprotein complexes in dinitrophenol poisoning].

The primary structure of human tissue amyloid P component from a patient with primary idiopathic amyloidosis.

[Clinical significance of the chemoluminescence of the blood in acute paraproctitis].

Skin irritancy from nonanoic acid.

Progress on control of northern fowl mites on caged laying hens.

Comparison of the mouse P(1)450 gene and flanking sequences from a MOPC 41 plasmacytoma and normal liver.

Commentary on 2,3,7,8-tetrachlorodibenzo-para-dioxin (TCDD).

Gastric damage from ingested acid in children.

Efficient clearance of non-transferrin-bound iron by rat liver. Implications for hepatic iron loading in iron overload states.

Does iron supplementation compromise zinc nutrition in healthy infants?

Is 2,3,7,8-TCDD (dioxin) a carcinogen for humans?

The antibacterial effect of camphorated paramonochlorophenol, camphorated phenol and calcium hydroxide in the treatment of infected root canals.

Mitochondrial cytochemistry in experimental myopathies.

[Treatment of the complications of pulp gangrene: clinical evaluation of a modified Walkhoff paste used in abutment technics].

[Blood chemiluminescence in the diagnosis of acute inflammatory diseases of the abdominal organs].

Cartilage collagen analysis in the chondrodystrophies.

Influence of vagal activity on the neonatal ventilatory response to hypoxemia.

ATP depletion and loss of cell integrity in anoxic hepatocytes and silica-treated P388D1 macrophages.

Myosin heavy chain in avian muscular dystrophy corresponds to the neonatal isozyme.

The mortality of boot and shoe makers, with special reference to cancer.

Hypophagia-induced weight loss in mice, rats, and guinea pigs treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Hydrogen peroxide from cellular metabolism of cystine. A requirement for lysis of murine tumor cells by verneolepin, a glutathione-depleting antineoplastic.

[Isolated exocrine pancreas cells--a model for the study of the pathogenesis of experimental acute pancreatitis].

[Adult respiratory distress syndrome and arsenic poisoning caused by Fowler's solution].

Experimentally induced defects of mitochondrial metabolism in rat skeletal muscle. Biological effects of the mitochondrial uncoupling agent 2,4-dinitrophenol.

Iron malabsorption in giardiasis.

alpha-1-Antitrypsin metabolism in the protein-deficient weanling rat.

Androgenic deficiency in male rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Illness associated with contamination of drinking water supplies with phenol.

Methyl bromide optic atrophy.

Delayed wasting syndrome and alterations of liver gluconeogenic enzymes in rats exposed to the TCDD congener 3,3', 4,4'-tetrachloroazoxybenzene.

Ascorbic acid-Fe²⁺ treatment mimics effect of vitamin E deficiency on sarcoplasmic Ca-ATPase of rabbit muscle.

Chloracne, "the hallmark of dioxin intoxication".

Cyclic GMP levels in interferon treated cells.

Comparative hepatic response to bromobenzene and allyl alcohol in the vitamin D-replete and vitamin D-depleted rat.

Isolation and characterization of amyloid protein AA in the Abyssinian cat.

Toxicity and fetotoxicity of TCDD, TCDF and PCB isomers in rhesus macaques (*Macaca mulatta*).

Toxicity of chlorinated aromatic compounds in animals and humans: in vitro approaches to toxic mechanisms and risk assessment.

[Metabolism of 1,2-dichloroethane in the human body in acute poisonings].

[Pseudotumor cerebri associated with iron-deficiency anemia].

Dioxin: a medical perspective.

Identification and characterization of amyloid protein AA in spontaneous canine amyloidosis.

Relationship between 3H-histamine uptake and H₂-receptors in the human promyelocytic leukemia cell line HL-60.

Dose-related effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in C57BL/6J and DBA/2J mice.

Ammonium inhibition of fatty acid oxidation in rat liver mitochondria. A possible cause of fatty liver in Reye's syndrome and urea cycle defects.

Acetaldehyde and alcohol levels in pregnant rats and their fetuses.

Haematological response to supplements of iron and riboflavin to pregnant and lactating women in rural Gambia.

[Dependence of the nature of the action of metabolic inhibitors on ribosomal RNA synthesis in Ehrlich ascites carcinoma cells on cell integrity].

Hair and fingernail changes in acquired and congenital pernicious anemia.

Studies to evaluate the effectiveness of sex pheromone-impregnated formulations for control of populations of the American dog tick, *Dermacentor variabilis* (Say) (Acari: Ixodidae).

Pharmacokinetics of elimination of 6-mercaptopurine in the urine of children with acute lymphoblastic leukemia.

Autologous transfusion in orthognathic surgery.

Cutaneous histologic findings in chemical workers with and without chloracne with past exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Effect of neuroleptic, adreno- and cholinolytic agents on cerebral cortical function in edema].

Mutations affecting the regulation of transcription of the cytochrome P1-450 gene in the mouse Hepa-1 cell line.

Synthesis of an altered type III procollagen in a patient with type IV Ehlers-Danlos syndrome. A structural change in the alpha 1(III) chain which makes the protein more susceptible to proteinases.

Lack of adverse side effects of oral ferrous sulfate therapy in 1-year-old infants.

Toxic interaction of specific polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin: increased incidence of cleft palate in mice.

Thyroid hormones modulate the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Occupational chronic exposure to organic solvents. XII. O-cresol excretion after toluene exposure.

AA-amyloidosis in dogs: partial amino acid sequence of protein AA and immunohistochemical cross-reactivity with human and cow AA-amyloid.

Adverse effects of iron supplementation: a comparative trial of a wax-matrix iron preparation and conventional ferrous sulfate tablets.

[Multiple basalomas as a late consequence of acute iatrogenic arsenic poisoning in childhood].

Umbilical haemorrhage due to ferrous sulphate in newborn piglets.

Urinary excretion of cresol as an indicator for occupational toluene exposure.

[Determination of free serum phenol by gas-liquid chromatography in hemosorption].

Further studies on the activation of glucocerebrosidase by a heat-stable factor from Gaucher spleen.

[Clinico-pathological studies on medicaments used for vital pulp therapy, with special reference to a calcium hydroxide-camphorated para-monochlorophenol paste].

Treatment of iron-deficiency anaemia of infancy with bebe-tardyferon depot coated tablet.

[Initiated chemiluminescence of surface-active substances in the lungs and blood serum].

The role of receptors in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity.

Mutagenesis at the ouabain-resistance locus of 3.7.2C L5178Y cells by chromosomal mutagens.

Identification of carriers of a variant plasma prealbumin (transthyretin) associated with familial amyloidotic polyneuropathy type I.

Inefficacy of gastric emptying procedures.

Mitochondrial myopathy with diffuse activation and focal deficiency of mitochondrial ATPase and carnitine deficiency.

The effect of acute maternal toxicity on fetal development in the mouse.

Sympathetic neurons grown in culture generate ATP by glycolysis: correlation between ATP content and [3H]norepinephrine uptake and storage.

Carcinogenicity study in rats with a mixture of eleven volatile halogenated hydrocarbon drinking water contaminants.

Cytotoxicity, thiol depletion and inhibition of O6-methylguanine-DNA methyltransferase by various aldehydes in cultured human bronchial fibroblasts.

Carcinogenic and mutagenic properties of chemicals in drinking water.

NTP Toxicology and Carcinogenesis Studies of Dimethyl Hydrogen Phosphite (CAS No. 868-85-9) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Hepatic metabolism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the rat and guinea pig.

Studies on the effects of copper deficiency on rat liver mitochondria. II. Effects on oxidative phosphorylation.

NTP Toxicology and Carcinogenesis Studies of 1,2-Dichlorobenzene (o-Dichlorobenzene) (CAS No. 95-50-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Reasons for possible failure of inoculation to enhance biodegradation.

Acute polybrominated biphenyl toxicosis alters vitamin A homeostasis and enhances degradation of vitamin A.

Acute myelotoxic responses in mice exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Subacute physiological effects of bleached kraft mill effluent (BKME) on the liver of trout, *Salmo gairdneri*.

A light-enhanced metabolism of sulfite in cells of *Cucumis sativus* L. cotyledons.

An evaluation of the role of ethylene in herbicidal injury induced by picloram or clopyralid in rapeseed and sunflower plants.

Collagen types in neocartilage tissue resulting from rib perichondrial graft in an articular defect--a rapid semi-quantitative methodology.

beta-Ketoadipate pathway in *Trichosporon cutaneum* modified for methyl-substituted metabolites.

Influence of extracellular phosphate concentrations on the regulation of hepatic glucose output.

¹¹C-labeled 4-isopropylantipyrine: preparation and biological evaluation as a blood flow tracer in positron emission tomography (PET).

Properties and biochemical characterization of NADH 5 alpha-reductase from rat liver microsomes.

Elevation of hepatic microsomal epoxide hydrolase activity by 2-acetylaminofluorene: role of metabolism.

N-sulfoxy-2-aminofluorene is the major ultimate electrophilic and carcinogenic metabolite of N-hydroxy-2-acetylaminofluorene in the livers of infant male C57BL/6J x C3H/HeJ F1 (B6C3F1) mice.

Joint toxicity of mixtures of groups of organic aquatic pollutants to the guppy (*Poecilia reticulata*).

Pili of *Neisseria meningitidis*. Analysis of structure and investigation of structural and antigenic relationships to gonococcal pili.

Effect of anion-specific inhibitors on the utilization of sugar nucleotides for N-linked carbohydrate unit assembly by thyroid endoplasmic reticulum vesicles.

Urinary D-glucaric acid excretion in the Seveso area, polluted by tetrachloro-dibenzo-p-dioxin (TCDD): five years of experience.

Conversion of 5-aminolaevulinic acid into haem by homogenates of human liver. Comparison with rat and chick-embryo liver homogenates.

Induction of thermotolerance and heat shock protein synthesis in normal and respiration-deficient chick embryo fibroblasts.

Iron poisoning--a preventable hazard of childhood.

Absence of lipid peroxidation as determined by ethane exhalation in rats treated with 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin (TCDD).

Calcium dependent modulation of histamine release from mast cells by sodium and potassium.

Selective depression of thymus-independent anti-DNP antibody responses induced by adult but not neonatal splenectomy.

The ATP dependence of the degradation of short- and long-lived proteins in growing fibroblasts.

Comparative toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in four (sub)strains of adult male rats.

Enhanced reactivation of UV-irradiated adenovirus 2 in HeLa cells treated with non-mutagenic chemical agents.

Use of a new citrulline incorporation assay to investigate inhibition of intercellular communication by 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane in human fibroblasts.

Subacute effects of methyl bromide dosed by inhalation exposure to rats.

Determination of acute toxic effects in mice following exposure to methyl bromide.

Ammonia, octanoate and a mercaptan depress regeneration of normal rat liver after partial hepatectomy.

Aminopyrine breath test and zonal hepatic damage in rats.

Metabolic fate and cardiovascular effects of arsenic in rats and rabbits chronically exposed to trivalent and pentavalent arsenic.

Alcohol dehydrogenase: a new sensitive marker of hepatic centrilobular damage.

Allyl alcohol toxicity in isolated renal epithelial cells: protective effects of low molecular weight thiols.

The protective effect of pollen extracts against allyl alcohol damage of the liver.

Carbohydrate, protein and glycoprotein metabolism by the guinea-pig liver in chronic metribuzin poisoning.

[Paraquat poisoning in the Netherlands, 1972-1982].

Phenoxy and picolinic acid herbicides and small-intestinal adenocarcinoma in sheep.

Chronic toxicity, reproductive, and teratogenic studies of hexazinone.

Ascorbic acid and riboflavin in the treatment of acute intoxication by paraquat.

Plasma glutathione disulfide as an index of oxidant stress in vivo: effects of carbon tetrachloride, dimethylnitrosamine, nitrofurantoin, metronidazole, doxorubicin and diquat.

Determination and measurement of human exposure to the dibenzo-p-dioxins.

Human effects of TCDD exposure.

The epidemiology and toxicology of TCDD.

Pharmacologic treatment of chronic alcoholism.

VA study of twins may be canceled.

Soft tissue sarcoma and exposure to phenoxyherbicides and chlorophenols in New Zealand.

Sarcomas of soft tissues after Vietnam service.

[Allergy to decorative plants].

Recovery from severe pulmonary damage due to paraquat administered intravenously and orally.

Ascorbic acid nutritional status does not affect the biochemical response to paraquat.

Toxicologic studies in a fatal overdose of 2,4-D, mecoprop, and dicamba.

Phototoxicity of a weedkiller: a correction.

Paraquat poisoning.

Experimental paraquat poisoning--histological, electron microscopic and autoradiographic changes in the lung.

[A fatal case of herbicide poisoning: nursing of the patient and her family].

[Acute poisoning with the herbicide diquat].

Occupational exposure and drift hazard during aerial application of paraquat to cotton.

Effect of suspended bentonite clay on the acute toxicity of glyphosate to *Daphnia pulex* and *Lemna minor*.

[Diagnostic problems of paraquat poisoning].

[Embryotoxic effect of diuron in animal experiments].

Acute and environmental toxicity studies with hexazinone.

Paraquat ingestion.

[Plasmapheresis by adsorption. a. Physico-chemical adsorption method].

Radiotherapy for paraquat lung toxicity.

Cancer and occupational exposure to chlorophenols.

An assessment of the treatment needs of Vietnam-era veterans.

Acute toxicity of chromate, DDT, PCP, TPBS, and zinc to *Daphnia magna* cultured in hard and soft water.

Effects of vitamin E and selenium on the toxicity of paraquat.

A fatal case of 2,4-D toxicity?

Lung morphology in experimental acute paraquat poisoning. SEM observations.

Tissue slices in the study of lung metabolism and toxicology.

Human health effects of 2,4,5-T and its toxic contaminants.

Selected responses of hypertension-sensitive and resistant rats to inhaled acrolein.

Effects of dietary methionine, methylmercury, and atrazine on ex-vivo synthesis of prostaglandin E1 and thromboxane B2.

[Liver function in alcoholic patients treated with cyanamide].

Acute toxic effects of paraquat on ultrastructure of rat liver.

Usefulness of *Cyprinodon variegatus* and *Fundulus grandis* in carcinogenicity testing: advantages and special problems.

Collagen stimulating factors from lung in experimental paraquat poisoning demonstrated in vitro and in vivo.

Resolution after radiotherapy of severe pulmonary damage due to paraquat poisoning.

Acute and chronic toxicity of triclopyr triethylamine salt to *Daphnia magna* Straus.

Paraquat: model for oxidant-initiated toxicity.

Agent Orange study is like a chameleon.

The effectiveness of N-acetylcysteine in isolated hepatocytes, against the toxicity of paracetamol, acrolein, and paraquat.

Ready evaluation of lung alveolar toxic damage with histological sections morphometry.

[Fatal paraquat poisoning].

Plasma pentachlorophenol concentrations in calves exposed to treated wood in the environment.

Severe mental retardation and multiple congenital anomalies of uncertain cause after extreme parental exposure to 2,4-D.

Single lung transplantation in paraquat intoxication.

The role of drugs in the treatment of alcoholism.

Structural hepatic changes associated with cyanamide treatment: cholangiolar proliferation, fibrosis and cirrhosis.

Oral intubation of dogs with combinations of fertilizer, herbicide, and insecticide chemicals commonly used on lawns.

Pathogenesis of paraquat-induced pulmonary hemorrhage in hamsters with special reference to arterial constriction.

Renal involvement in paraquat poisoning.

Non-mutagenicity of some wood-related compounds in the bacterial/microsome plate incorporation and microsuspension assays.

The acute effects of single and repeated injections of acrolein and other aldehydes.

Toxicity studies in isolated hepatocytes from selenium-deficient rats and vitamin E-deficient rats.

Phototoxicity of glyphosate in a weedkiller.

[Mechanical properties of the lung in paraquat-poisoned rats. Histopathologic correlates].

Paraquat-induced pulmonary fibrosis. Role of the alveolitis in modulating the development of fibrosis.

Acute effects of environmental tobacco smoke.

Herbicides, miracle agents or? Fatal Danish cases.

Acute diquat intoxication. Interest of its repeated determination in urine and the evaluation of renal proximal tubule integrity.

Tailor-made agarose-based reactive beads for hemoperfusion and plasma perfusion.

The effects of hypolipidemic peroxisome proliferators on the induction of sister chromatid exchanges.

Human exposure to DEF/merphos.

Prolonged coma and delayed peripheral neuropathy after ingestion of phenoxyacetic acid weedkillers.

Health status of workers with past exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in the manufacture of 2,4,5-trichlorophenoxyacetic acid: comparison of findings with and without chloracne.

Tobacco smoke in the workplace: an occupational health hazard.

Paraquat and radiation effects on mouse C3H 10T1/2 cells.

Efficacy of calcium carbimide after failure of disulfiram to cause a reaction to alcohol.

Antibody-dependent cytotoxicity of human and mouse mononuclear cells against *Trypanosoma cruzi* epimastigotes.

Release of amino-terminal procollagen peptides in paraquat-induced acute pulmonary fibrosis.

[Changes in the lung tissue of newborn rats after paraquat as a model of respiratory distress].

Cyanamide-induced liver cell injury. Experimental study in the rat.

Penetration of some compounds through blood-brain and blood-testis barriers in chronically hypertensive rats.

Quantitative liver functions after administration of allyl alcohol to rats.

Role of acrolein in cyclophosphamide teratogenicity in rat embryos in vitro.

Properties of the lysosomes from liver and gill of rainbow trout, *Salmo gairdnerii* R.: effect of starvation, salinity and 2,4,5-T.

[Effect of herbazin 50 on the course of suppurative surgical infection in sheep].

Extracorporeal removal of specific antibodies by hemoperfusion through the immunosorbent agarose-polyacrolein microsphere beads: removal of anti-bovine serum albumin in animals.

Effects of metals and organic compounds on hepatic glutathione, cysteine, and acid-soluble thiol levels in mullet (*Mugil cephalus* L.).

Hyperoxia and paraquat alter the kinetics of platelet serotonin uptake.

Paraquat-induced injury of type II alveolar cells. An in vitro model of oxidant injury.

Superoxide dismutase and chilling injury in *Chlorella ellipsoidea*.

A simple reliable assay for myeloperoxidase activity in mixed neutrophil-eosinophil cell suspensions: application to detection of myeloperoxidase deficiency.

Chlorinated compounds in tissues of chickens raised on pentachlorophenol-contaminated litter.

Hexadecane increases the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD): is brown adipose tissue the primary target in TCDD-induced wasting syndrome?

Frequency of reproductive dysfunction in Hawaii by race and judicial district 1968-1982.

A novel human myelomonocytoid cell line, P39/Tsugane, derived from overt leukemia following myelodysplastic syndrome.

9 alpha- and 9 beta-Hydroxyphenylmorphans.

[Absorption of iron from milk enriched with ferrous sulfate for the prevention of anemia in pregnancy].

Exposure to hydrogen sulfide, mercaptans and sulfur dioxide in pulp industry.

Histologic changes produced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the skin of mice carrying mutations that affect the integument.

Evaluation of pesticides which pose carcinogenicity potential in animal testing. II. Consideration of human exposure conditions for regulatory decision making.

[Inhibitor interaction in the suppression of ribosomal RNA synthesis in Ehrlich ascites carcinoma cells].

[Derivatives of 2-thiocyanobenzoic acid with antifungal activity].

Role of acidosis in early contractile dysfunction during ischemia: evidence from pH_o measurements.

Possible role for a human adenovirus in the pathogenesis of celiac disease.

Oxygen metabolism in phagocytes of leprotic patients: enhanced endogenous superoxide dismutase activity and hydroxyl radical generation by clofazimine.

Prevention of TCDD toxicity in laboratory rodents by addition of charcoal or cholic acids to chow.

Cobalt--from bacteria to borax bead test.

An evaluation of reports of dioxin exposure and soft tissue sarcoma pathology among chemical workers in the United States.

Teratogenicity of 2,3,7,8-tetrachlorodibenzofuran in BXD recombinant inbred strains.

Experimental skeletal muscle damage: the nature of the calcium-activated degenerative processes.

An isozyme-specific selective system for the recovery of mammalian cells deficient in hepatic alcohol dehydrogenase activity.

Immunosuppression in weanling and adult Sprague-Dawley rats induced by acute exposure to 3,3',4,4'-tetrachloroazoxybenzene.

Cysteine in the triple-helical domain of one allelic product of the alpha 1(I) gene of type I collagen produces a lethal form of osteogenesis imperfecta.

[Hodgkin's disease and occupation].

The influence of liver disease on the methylation of arsenite in humans.

Studies of stools from pseudomembranous colitis, rotaviral, and other diarrheal syndromes by frequency-pulsed electron capture gas-liquid chromatography.

Separation of wasting syndrome and lethality caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Suppression of type II collagen-induced arthritis by the intravenous administration of type II collagen or its constituent peptide alpha 1 (II) CB10.

Frequency of apolipoprotein A-I mutants in the German population.

Cutaneous signs of dioxin exposure.

The pharmacological profile of the thromboxane A₂ antagonist BM 13.177. A new anti-platelet and anti-thrombotic drug.

Isolation and characterization of revertants from four different classes of aryl hydrocarbon hydroxylase-deficient hepa-1 mutants.

Increased plasma and aortic triglycerides in rabbits after acute administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Acute lung injury in rat caused by immunoglobulin A immune complexes.

Glomerulonephritis induced by pre-formed immune complexes containing monoclonal antibodies of defined affinity and isotype.

Radioimmunoassay for detecting abnormal prealbumin in the serum for diagnosis of familial amyloidotic polyneuropathy (Japanese type).

[The most common diseases caused by the adverse effect of phenols and chlorophenols].

Nasal cancer and chlorophenols.

Parallel temperature dependence of contracture-associated enzyme release due to anoxia, 2,4-dinitrophenol (DNP), or caffeine and the calcium paradox.

Amyloid fibril protein in familial amyloidotic polyneuropathy, Portuguese type. Definition of molecular abnormality in transthyretin (prealbumin).

Autoradiographic and biochemical studies of drug distribution in the liver. I. [¹⁴C]Dehydrocorydaline.

[Effect of hypoxia and hypoperfusion on the contractile function of the isolated heart working under various loads].

Pathogenic mechanisms in osteochondrodysplasias.

Digestible energy and efficiency of feed utilization in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Soft tissue sarcomas in agriculture and forestry workers.

Effect of iron-deficiency anemia on percent blood volume in growing rats.

Analysis of collagen from normal and abnormal human bone.

Sodium glycolate absorption in rat intestine.

[Comparative evaluation of the effectiveness of iron preparations in iron deficiency anemia].

Connective tissue antigens stimulate collagenase production in arthritic diseases.

Evidence for a role of hydroxyl radical in immune-complex-induced vasculitis.

Glomerulonephritis: the use of grafted hybridomas to investigate the role of epitope density, antibody affinity and antibody isotype in active serum sickness.

Acute Heinz-body anemia due to severe cresol poisoning: successful treatment with erythrocytapheresis.

Dermatitis in a dog associated with exposure to an arsenic compound.

General principles of the evaluation and therapy of anemias.

Teratogenicity of TCDD and the congener 3,3',4,4'-tetrachloroazoxybenzene in sensitive and nonsensitive mouse strains after reciprocal blastocyst transfer.

Glucose-6-phosphate-dehydrogenase-deficient erythrocytes have an impaired shape recovery mechanism.

Modification of sialic acid carboxyl group of ganglioside.

[Kinetics of the change in the level of metalloproteins and free radicals in the liver of rats with acute poisoning by alkyl derivatives of 2, 4-dinitrophenol].

Naloxone improves, and morphine exacerbates, experimental shock induced by release of endogenous histamine by compound 48/80.

Characterization of the wasting syndrome in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Iron absorption and utilization in maintenance hemodialysis patients: oral and intravenous routes.

Coprophagy in iron-deficient rats: II. 2 novel methods of prevention.

Ruminal metabolism of plant toxins with emphasis on indolic compounds.

Known occupational carcinogens and their significance.

Cutaneous signs of systemic toxicity due to dioxins and related chemicals.

Hyperthermia, Na⁺K⁺ATPase and lactic acid production in some human tumour cells.

Leads from the MMWR. Porphyria cutanea tarda and sarcoma in a worker exposed to 2,3,7,8-tetrachlorodibenzodioxin-Missouri.

Dioxin in soil: bioavailability after ingestion by rats and guinea pigs.

Purification of soluble specific antigens of systemic candidiasis by antibody affinity chromatography.

Porphyria cutanea tarda and sarcoma in a worker exposed to 2, 3, 7, 8-tetrachlorodibenzodioxin--Missouri.

Teratological studies on the TCDD congener 3,3',4,4'-tetrachloroazoxybenzene in sensitive and nonsensitive mouse strains: evidence for direct effect on embryonic tissues.

Erythrocyte membrane alterations as the basis of chlorate toxicity.

Benoxaprofen photosensitization of cell membrane disruption.

Visual evoked potentials in a rabbit model of hepatic encephalopathy. II. Comparison of hyperammonemic encephalopathy, postictal coma, and coma induced by synergistic neurotoxins.

[Experimental studies of root canal therapy for infected nonvital permanent teeth with incompletely formed apices].

Pesticides: the good and the bad.

Identification of an anti-monocyte monoclonal antibody that is specific for membrane complement receptor type one (CR1).

The differential effects of dimethylnitrosamine and ethionine on mitochondrial and extramitochondrial dehydrogenases in single intact cells.

Neutrophil-mediated cellular cytotoxicity induced by zymosan-activated serum.

Acute effects of 12-O-tetradecanoylphorbol-13-acetate, teleocidin B, or 2,3,7,8-tetrachlorodibenzo-p-dioxin on cultured normal human bronchial epithelial cells.

Mortality of workers potentially exposed to organic and inorganic brominated chemicals, DBCP, TRIS, PBB, and DDT.

Acute iron poisoning in children.

Development of chronic hepatic porphyria (porphyria cutanea tarda) with inherited uroporphyrinogen decarboxylase deficiency under exposure to dioxin.

The assessment of iron stores in children on regular dialysis treatment.

Long-term consequences of exposure to ozone. I. Lung collagen content.

The effects of sucrose loading on lysosomal hydrolases.

Calcium is a competitive inhibitor of gentamicin-renal membrane binding interactions and dietary calcium supplementation protects against gentamicin nephrotoxicity.

Oral iron therapy in human subjects, comparative absorption between ferrous salts and iron polymaltose.

On the absorption of divalent and trivalent iron in living rats.

Agriculturally-related carcinogenic risk.

Occupational exposure to chlorophenates: toxicology and respiratory effects.

Toxicologic, pathologic, and immunotoxic effects of 2,4-dichlorophenol in rats.

Prostanoids and cell injury.

Transplantation studies on induced and spontaneous nodules from B6C3F1 mouse liver.

Teratogenicity of 2,3,7,8-tetrachlorodibenzofuran in the mouse.

Neurobehavioral assessment of chronic low-level methyl bromide exposure in the rabbit.

On the application of cultured neuroblastoma cells in chemical toxicity screening.

Combined use of a water-insoluble chemical delivery system and a metabolic activation system in whole embryo culture.

Improved red cell survival in patients with chronic subclinical haemolysis due to artificial heart valve. Observations after in vitro treatment of the cells with potassium cyanate.

Biochemical activity of intestinal microflora in adult coeliac disease.

The gamma 1 heavy-chain disease FOR protein is present in two molecular forms.

An acquired inhibitor of factor XIII with a qualitative abnormality of fibrin cross-linking.

The primary structure of mu-chain-disease protein BOT. Peculiar amino-acid sequence of the N-terminal 42 positions.

Application of an enzyme-linked immunosorbent assay for detection of Brucella antigens in vaginal discharge of cows.

Occupational influences on male fertility and sexuality. I.

Molecular mechanism of cataractogenesis: III. Toxic metabolites of oxygen as initiators of lipid peroxidation and cataract.

[Experimental porphyria induced by chlorinated hydrocarbons. Studies of porphyrinogen carboxy-lyase in the experimental model of human cutaneous delayed porphyria].

Decreased induction of aryl hydrocarbon hydroxylase activity in hyperproliferative hairless mouse epidermis.

Family studies of the genetic abnormality in transthyretin (prealbumin) in Portuguese patients with familial amyloidotic polyneuropathy.

Polychlorinated biphenyls (PCBs) and polybrominated biphenyls (PBBs): biochemistry, toxicology, and mechanism of action.

N-Hydroxy-N-arylamides. I. Toxicity of certain polycyclic and monocyclic N-hydroxy-N-arylamides in rats.

Triiodothyronine production by isolated rat hepatocytes: characterization and lack of glucoregulatory hormone effects.

Sequence comparison of rat liver phenylalanine hydroxylase and its cDNA clones.

Lead flux through the kidney and salivary glands of rats.

Intracellular calcium storage and release in the human platelet. Chlorotetracycline as a continuous monitor.

Immunogenicity of tick-borne encephalitis virus glycoprotein fragments: epitope-specific analysis of the antibody response.

Blood glutathione as a measure of exposure to toxic compounds.

Oxalate accumulation in rat renal cortical slices.

Peripheral and central actions of sodium azide on circulatory and respiratory homeostasis in anesthetized cats.

Biochemical indices of cyclophosphamide-induced lung toxicity.

Production of chemotactic activity for polymorphonuclear leukocytes by cultured rat hepatocytes exposed to ethanol.

Location of neutralizing epitopes defined by monoclonal antibodies generated against the outer capsid polypeptide, VP1, of foot-and-mouth disease virus A12.

Human liver mitochondrial aldehyde dehydrogenase: a C-terminal segment positions and defines the structure corresponding to the one reported to differ in the Oriental enzyme variant.

Amino acid sequence of NADH-cytochrome b5 reductase of human erythrocytes.

Plasminogens Tochigi II and Nagoya: two additional molecular defects with Ala-600----Thr replacement found in plasmin light chain variants.

Serum gamma glutamyl transferase as a specific indicator of bile duct lesions in the rat liver.

Identification of the essential tyrosine residue in the beta subunit of bovine heart mitochondrial F1-ATPase that is modified by 7-chloro-4-nitro[14C]benzofurazan.

Sustained Photoproduction of Ammonia from Dinitrogen and Water by the Nitrogen-Fixing Cyanobacterium *Anabaena* sp. Strain ATCC 33047.

Respiratory tract lesions induced by sensory irritants at the RD50 concentration.

Toxicity evaluation of sub-chronic exposures to cyanogen in monkeys and rats.

Effects of allyl alcohol and bromobenzene on trimethadione metabolism in the rat.

In vitro interaction of *Mycobacterium avium* with intestinal epithelial cells.

2,4-Dinitrophenol (DNP)-induced injury in calcium-free hearts.

Effects of leukotrienes and f-Met-Leu-Phe on oxidative metabolism of neutrophils and eosinophils.

Effects of H2 receptor antagonists on the hepatotoxicity of various chemicals.

[Effect of hepatotoxic industrial substances on contact interactions of rat hepatocytes].

[Determination of the ecological niche of *Bacteroides* in the gastrointestinal tract--a study of a model of sterile intestines in germ-free animals].

The use of sodium 2-mercaptoethane sulfonate to prevent cyclophosphamide cystitis.

Processing of human growth hormone by rat hepatocytes in monolayer culture.

Influence of aging on the susceptibility of rats to hepatotoxic injury.

Blood coagulation and acute iron toxicity. Reversible iron-induced inactivation of serine proteases in vitro.

Acceptors for botulinum neurotoxin reside on motor nerve terminals and mediate its internalization.

Nippostrongylus brasiliensis: the effect of mitochondrial inhibitors on life-cycle stages.

Different susceptibility of mouse tissues to porphyrinogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Depression of contractility in isolated rabbit myocardium following exposure to iron: role of free radicals.

Induction of cytoplasmically inherited respiration-deficient ('petite') mutants by photodynamic action of acridine compounds.

Effect of oral iron supplementation during pregnancy on maternal and fetal iron status.

Prolonged red cell survival following in vitro treatment with potassium cyanate. A study in patients undergoing open-heart surgery.

Immunosuppression by D-penicillamine in vitro. Inhibition of human T lymphocyte proliferation by copper- or ceruloplasmin-dependent generation of hydrogen peroxide and protection by monocytes.

Enhancement of Newcastle disease virus-induced fusion of mouse L cells by sodium vanadate.

Cytological changes occurring in the liver of coturnix quail with an acute arsenic exposure.

Effect of aging on liver glutathione levels and hepatocellular injury from carbon tetrachloride, allyl alcohol or galactosamine.

Observations on the effects of cyclophosphamide, phosphoramidate mustard and some activated oxazaphosphorines on murine L1210 leukemia.

Polyamine oxidase-mediated intraerythrocytic killing of *Plasmodium falciparum*: evidence against the role of reactive oxygen metabolites.

Effects of auxiliary liver transplantation on oxygen consumption in the graft and recipient's liver mitochondria. Possible inter-liver regulating mechanism.

Purification of F₁-ATPase with impaired catalytic activity from partial revertants of *Escherichia coli* uncA mutant strains.

A study of androgen-stimulated L-leucine transport by the intestine of rainbow trout (*Salmo gairdneri* Richardson) in vitro.

Assay and biochemical characterization of angiotensin-I-converting enzyme in cerebrospinal fluid.

Environmental hazards of interest to the forensic pathologist.

Nitrofen: a review and perspective.

[Glutathione-ascorbic acid system function in dithiocarbamate workers].

The effect of nitrofen [4-(2,4-dichlorophenoxy)nitrobenzene] on the reproductive performance of male rats.

Fatality due to paraquat intoxication: confirmation by postmortem tissue analysis.

Strong evidence from studies with brachymorphic mice and pentachlorophenol that 1'-sulfoxyxyafrole is the major ultimate electrophilic and carcinogenic metabolite of 1'-hydroxyafrole in mouse liver.

[Paraquat poisoning treated with simultaneous hemoperfusion and hemodialysis].

[Acute paraquat poisoning. A single treatment: prevention].

Subacute toxicity of paraquat in rats--biochemical effects.

Inhibition of collagen synthesis as a treatment for paraquat poisoning.

Effect of phenolic compounds on in vivo activity of transaminases in certain tissues of the fish, *Notopterus notopterus*.

Maternal hepatic effects of 1,2,4,5-tetrachlorobenzene in the rat.

[Fatal paraquat poisoning. Presentation of 2 new cases and review of the literature].

[Microinjuries and suppurative diseases of the fingers among rural inhabitants].

Positive correlation between superoxide dismutase and resistance to paraquat toxicity in the green alga *Chlorella sorokiniana*.

[Fibrotic changes of the lung in ARDS].

[Pathology in firemen].

Chronic intoxication by an herbicide, 2,4,5-trichlorophenoxyacetic acid, in the pond snail, *Lymnaea stagnalis* L.

Medical and morbidity surveillance findings among employees potentially exposed to TCDD.

Subacute toxicity of Basalin in rats.

Malathion and phenthoate carboxylesterase activities in pulmonary alveolar macrophages as indicators of lung injury.

Potential of ethanol toxicity by cyanamide in relation to acetaldehyde accumulation.

Selective action of prostaglandin F₂ alpha during paraquat-induced pulmonary edema in the perfused lung.

Cyanamide-induced liver injury. A predictable lesion.

Teratogens and the male. An analysis with special reference to herbicide exposure.

Severe transient idiopathic neutropenia and liver damage in a pony.

Near fatal percutaneous paraquat poisoning.

Pentachlorophenol poisoning.

Hemoperfusion in a child who ingested diquat and died from pontine infarction and hemorrhage.

[Prognostic factors in acute paraquat poisoning. A retrospective study of cases registered by the Poison Control Center of Paris in 1981].

Fish and amphibian embryos--a model system for evaluating teratogenicity.

[Clinical findings and treatment of paraquat poisoning in childhood].

Modification of chemical toxicity by selenium deficiency.

The effects of acetaldehyde and acrolein on blood pressure in guanethidine-pretreated hypertensive rats.

Diquat intoxication.

More questions, not answers, emerge from Agent Orange studies.

Paraquat poisoning: evidence of systemic toxicity after dermal exposure.

[Electromyographic characteristics of acute poisonings with chlorine derivatives of phenoxy acids].

Survival and condition of rainbow trout (*Salmo gairdneri*) after acute exposures to methyl parathion, triphenyl phosphate, and DEF.

Effect of chronic herbicide intoxication on in vivo activities of certain enzymes in the liver of freshwater fish *Nemachelius denisonii* (day).

Herbicide exposure and pulmonary disease.

[Acute paraquat poisoning: prognostic and therapeutic significance of blood assay].

[Deliberate poisoning with paraquat, death in less than 24 hours].

Toxicologic studies in a fatal overdose of 2,4-D, MCP, and chlorpyrifos.

A paraquat fatality--the dilemma of multiple analyses.

Paraquat myocarditis and adrenal cortical necrosis.

Nephrotoxicity of paraquat in the sheep and the associated reduction in paraquat secretion.

Postnatal evaluation of morphological and functional effects of prenatal exposure to nitrofen in the Long-Evans rat.

Post concussion syndrome hypoglycemia and Agent Orange.

[Experimental study on paraquat-induced pneumonitis--therapeutic effects of prednisolone and elastase].

Review of the effects of Agent Orange: a psychiatric perspective on the controversy.

Circadian rhythms of RNA, DNA and protein in the rat thyroid, adrenal and testis in chronic pesticide exposure. II. Effects of the herbicides Aminotriazole and Alachlor.

A case of fatal paraquat poisoning and a rapid method for analysis of paraquat in biological material.

Protection against acute paraquat toxicity by dietary selenium in the chick.

[Experimental studies of certain aspects of the hepatotoxicity of allyl alcohol].

[Hypo-oxygenation in paraquat poisoning. Apropos of 6 cases].

Vietnam veterans.

Embryotoxic effects of acrolein, methacrylates, guanidines and resorcinol on three day chicken embryos.

Effects of paraquat on plasma glucose, cortisol, catecholamines, and insulin in the beagle.

Lipid peroxidation: a possible mechanism of cephaloridine-induced nephrotoxicity.

The effects of acrolein exposure on pulmonary antibacterial defenses.

Postnatal developmental alterations following prenatal exposure to the herbicide 2,4-dichlorophenyl-p-nitrophenyl ether: a dose response evaluation in the mouse.

Toxic anti-GBM glomerulonephritis.

Aplastic anemia and red cell aplasia due to pentachlorophenol.

[Comparative studies on the embryotoxicity of 2-methyl-4-chlorophenoxyacetic acid, mecoprop and dichlorprop in NMRI mice].

[Toxicologic characteristics of several pesticides and standards for them in water].

[The authors' experience in treating acute paraquat poisoning].

Cancer epidemiology of pesticide manufacturers, formulators and users.

Effects of a dermal dose of S,S,S,-tri-n-butyl phosphorotrithioate on brain acetylcholinesterase, acid phosphatase, and 2',3'-cyclic nucleotide-3' phosphohydrolase and plasma butyrylcholinesterase in hens.

Hepatitis induced by drugs used as alcohol aversion therapy.

Morphological and biochemical studies on liver, kidney and gill of fishes affected by pesticides.

Fume inhalation chloracne.

[Hepatotoxicity of 2,4,5-trichlorophenoxyacetic acid. Cytologic and biochemical study in quail embryos].

[Pulmonary toxicity of free radicals of oxygen].

Correlates of self-reported and objectively determined exposure to Agent Orange.

Prevention of thiourea-induced pulmonary edema by hydroxyl-radical scavengers.

Correlation between brain tissue and cerebrospinal fluid concentrations of selected compounds in rats with intact and injured blood-brain barrier.

Preparation and investigation of cross-linked copolymers containing antitumour agents.

Cardiovascular effects of acetaldehyde accumulation after ethanol ingestion: their modification by beta-adrenergic blockade and alcohol dehydrogenase inhibition.

Exposure of pesticide applicators to nitrofen: influence of formulation, handling systems, and protective garments.

Ether link cleavage is the major pathway of iodothyronine metabolism in the phagocytosing human leukocyte and also occurs in vivo in the rat.

Studies in occupational epidemiology: the case for international collaboration.

[Effect of small amounts of 2,4-dichlorophenoxyacetic acid derivatives on thiamine and riboflavin metabolism in the animal body].

Effect of increasing carbon chain length on organic acid transport by the choroid plexus: a potential factor in Reye's syndrome.

[Effect of heavy metals and pesticides on the antigenic behavior of mastitis staphylococci isolated from cows and sheep].

Detection of renal dysfunction in neonatal rats: methodologies and applications.

Histochemical demonstration of enteropeptidase activity. New method with a synthetic substrate and its comparison with the trypsinogen procedure.

Formal genesis of pulmonary fibrosis: experimental investigations.

Acute toxicity of fluorinated ether anesthetics: role of 2,2,2-trifluoroethanol and other metabolites.

[Effect of chlorine-containing pesticides on the hemolytic stability and acetylcholinesterase activity of erythrocytes].

Circadian rhythms of RNA, DNA and protein in the rat thyroid, adrenal and testis, in chronic pesticide exposure. IV. Effects of the herbicide 2,4-dichlorophenoxyacetic acid.

Myeloperoxidase-mediated modulation of chemotactic peptide binding to human neutrophils.

Effects of intravenous acetaldehyde, acrolein, formaldehyde and propionaldehyde on arterial blood pressure following acute guanethidine treatment.

Effects of monocrotaline and monocrotaline pyrrole on 5-hydroxytryptamine and paraquat uptake by lung slices.

Specificity of hepatic aldehyde dehydrogenase inhibition by calcium carbimide (calcium cyanamide) in the rat.

Paraquat inhibits mixed-function oxidation by rat lung.

The effect of ethanol on the absorption, accumulation and biotransformation of xenobiotics by the isolated perfused rabbit lung.

Analysis of the antimutagenic effect of cinnamaldehyde on chemically induced mutagenesis in *Escherichia coli*.

A new era of exploitation of microbial metabolites.

Iron-storage deficiency and iron supplementation in pregnancy.

The relative effectiveness of iron and iron with riboflavin in correcting a microcytic anaemia in men and children in rural Gambia.

Mechanism of enzyme release in the calcium paradox.

Biochemical modulation of angiogenesis in the chorioallantoic membrane of the chick embryo.

Effects of chronic ethanol feeding and acetaldehyde metabolism on calcium transport by rat liver mitochondria.

Identification of amyloid prealbumin variant in familial amyloidotic polyneuropathy (Japanese type).

Isolation and characterization of the cyanogen bromide peptides of the collagen 2 alpha chain from a transplantable rat chondrosarcoma.

Lymphocyte transformation to connective tissue antigens in adult and juvenile rheumatoid arthritis, osteoarthritis, ankylosing spondylitis, systemic lupus erythematosus, and a nonarthritic control population.

Inhibitory effect of triethyltin on taurine transport by glioma cells.

Bioavailability of different sources of ferrous sulfate iron fed to anemic rats.

Different levels of glycosylation contribute to the heterogeneity of alpha 1(II) collagen chains derived from a transplantable rat chondrosarcoma.

Decreased liver delta-aminolaevulinic acid dehydratase activity in porphyria cutanea tarda and in alcoholism.

Short-term inhalation test for evaluating industrial hepatotoxicants in rats.

Simple, rapid spectrophotometry of urinary N-acetyl-beta-D-glucosaminidase, with use of a new chromogenic substrate.

International illicit drug traffic: the United States response.

The acute toxicity of perfluorooctanoic and perfluorodecanoic acids in male rats and effects on tissue fatty acids.

Modulation of human granulocyte and monocyte chemiluminescence responses: evidence for distinct free radical generating systems.

[Brain death in secondary brain lesion].

Chronic boric acid poisoning in infants.

Sodium monochloroacetate poisoning of cattle and sheep.

Epidemiological study of socioeconomic factors and clinical findings in Hodgkin's disease, and reanalysis of previous data regarding chemical exposure.

The respiration-linked limiting step of tumor cell transition from the non-cycling to the cycling state: its inhibition by oxidizable substrates and its relationships to purine metabolism.

The covalent structure of amyloid-related serum protein SAA from two patients with inflammatory disease.

Biochemical and biosynthetic studies of a crystallizable human gamma 1 heavy-chain disease protein.

Selected cancer mortality and farm practices in Iowa.

[Acute poisonings in relation to circadian biorhythms].

Dioxin exposure and sarcoma.

Relationship between hyperthermia-induced heat-shock proteins and thermotolerance in Morris hepatoma cells.

Analysis of cyanogen bromide peptides of type I collagen from a patient with lethal osteogenesis imperfecta.

Mushroom poisoning caused by species of the genus *Cortinarius* Fries.

Effects of parathyroid hormone on skeletal muscle protein and amino acid metabolism in the rat.

Type I collagen content is increased in lungs of patients with adult respiratory distress syndrome.

Molecular basis of hypoxanthine-guanine phosphoribosyltransferase deficiency in a patient with the Lesch-Nyhan syndrome.

Iron deficiency and sickle cell anemia.

The role of growth of normal and preneoplastic cell populations for tumor promotion in rat liver.

Encephalopathic effect of phenol in rats.

Clusters of malformations in Sweden: a study with central registers.

Suppression of unprimed T and B cells in antibody responses by irradiation-resistant and plastic-adherent suppressor cells in *Toxoplasma gondii*-infected mice.

Experimental allergic neuritis. Humoral and cellular immune responses to the cyanogen bromide peptides of the P2 protein.

The effect of acute inflammation on iron metabolism in rats.

[Protective effect of extracellular K⁺ in the myocardium in disorders of energy metabolism].

Bioavailability to anemic rats of iron from fresh, cooked or nitrosylated hemoglobin and myoglobin.

[Role of iron in infant nutrition. 2nd part].

[Treatment of incomplete developed roots of non-vital pulp teeth with a camphorated parachlorophenol paste].

Identification of collagens synthesized by cultures of normal human corneal and keratoconus stromal cells.

[Fundamental studies on the measurement of urinary NAG and determination of the normal values for NAG activity in various age groups].

Evaluation of an enzymic procedure for the measurement of acetaminophen.

A high affinity, calmodulin-responsive ($\text{Ca}^{2+} + \text{Mg}^{2+}$)-ATPase in isolated bone cells.

[The significance of serum ferritin determination for the evaluation of preventive iron treatment of anemia in premature infants].

Assessment of hazards associated with pesticide container disposal and of rinsing procedures as a means of enabling disposal of pesticide containers in sanitary landfills.

Procaine hydrolysis defect in uraemia does not appear to be due to carbamylation of plasma esterases.

Dimethyl disulphide in the blood of cattle fed on brassicas.

Anencephaly: agent orange implications?

Adaptation of the ektacytometer to automated continuous pO_2 changes: determination of erythrocyte deformability in sickling disorders.

Decline of blood and alveolar toluene concentration following two accidental human poisonings.

Localization of intrarenal cross-linked fibrin in children with various renal diseases.

Impairment of blastogenic response of splenic lymphocytes from iron-deficient mice: in vivo repletion.

Purification and properties of human erythrocyte uroporphyrinogen decarboxylase: immunological demonstration of the enzyme defect in porphyria cutanea tarda.

Oxygen radicals and vascular damage.

[Heart function and the mechanisms of its regulation in modelling adaptation to hypoxia by 2,4-dinitrophenol administration].

Morphometric, biochemical, and physiological assessment of perinatally induced renal dysfunction.

Presence of an abnormal transthyretin (prealbumin) in Portuguese patients with familial amyloidotic polyneuropathy.

[Pharmacological and clinico-pharmacological studies of a combination preparation for calves having antianemia and general tonic action].

Relative mutagenicity and teratogenicity of cyclophosphamide and two of its structural analogs.

Acute dermal toxicity of tetrachlorophenols in the rat.

Interaction of metals and carbon tetrachloride on lipid peroxidation and hepatotoxicity.

Freezing injury and root development in winter cereals.

Inhalation of products of combustion.

Chlorobenzene-impaired lindane metabolism and the effect of pretreatment with chlorobenzene, lindane, or chlorobenzene plus lindane.

Membrane biogenesis in the sprouting neuron. I. Selective transfer of newly synthesized phospholipid into the growing neurite.

Effects of pH on bone calcium and proton fluxes in vitro.

The acute toxicity of penta-, hexa-, and heptachlorohydroxydiphenyl ethers in mice.

Induction of humoral immunity to protein antigen without adjuvant in rats exposed to immunosuppressive chemicals.

Cellular and genetic basis for suppression of cytotoxic T cell generation by haloaromatic hydrocarbons.

[Organization of first-aid in acute poisoning caused by methyl bromide].

Chronobiologic fluctuation of cyclophosphamide induced urinary bladder damage in mice.

Death and injury caused by methyl bromide, an insecticide fumigant.

Oxygen and redox-active drugs: shared toxicity sites.

The alteration of hepatic cytochrome P-450 subpopulations of phenobarbital-induced and uninduced rat by regioselective hepatotoxins.

Iron Deficiency in Adolescent Cross-Country Runners.

Volatile compounds from the red deer (*Cervus elaphus*) Secretion from the tail gland.

Toxicity of rubber chemicals towards three-day chicken embryos.

[Clinico-pathological studies on endodontic medicaments, with special reference to agents containing iodoform].

Generation of IgG aggregates by the myeloperoxidase-hydrogen peroxide system.

Lipid peroxidation as a possible cause of TCDD toxicity.

Higher Chlorinated Dioxins Implicated in the Mortality of Young Pigs Kept on a Pentachlorophenol-treated Wooden Floor.

Metabolism of palmitate by anoxic and reoxygenated heart cell cultures.

Suicidal poisoning by endothall.

[Role of changes in oxygen concentration during modification of cell reproductive death in vitro. 2. Modification of radiosensitivity during changes in the rate of oxygen consumption by cells].

Cow's urine concoction: its chemical composition, pharmacological actions and mode of lethality.

Role of myeloperoxidase in the respiratory burst of human neutrophils.

Axonal transport of thiamine in frog sciatic nerves in vitro.

Comparison of hepatic biotransformation and toxicity of allyl alcohol and [1,1-2H₂]allyl alcohol in rats.

Specific mixed disulfide formation with purified bovine cardiac glycogen synthase I and glutathione.

Failure of atractyloside to inhibit synaptosomal mitochondrial energy transduction.

Enhanced recovery of injured *Escherichia coli* by compounds that degrade hydrogen peroxide or block its formation.

Analytical subcellular fractionation of normal human skeletal muscle by sucrose density gradient centrifugation.

Cell water content in carp kidney tissue slices as influenced by various osmotic agents.

Effect of lidocaine on hepatic prostanoid production in vitro following 2,4-dinitrophenol administration.

The morphological transformation of Syrian hamster embryo cells by chemicals reportedly nonmutagenic to *Salmonella typhimurium*.

[Migration and adhesiveness of human and rabbit blood leukocytes under the influence of metabolic blocking agents and hirudin].

Uptake and dissimilation of glycerol by wild type and glycerol nonutilizing strains of *Neurospora crassa*.

Extensive labelling of injured insect neurons with seven different heme peptides.

Characterization of pulmonary cellular influx differentials to known toxic agents between species.

Methemoglobin formation by paraquat.

Paraquat-poisoned victims in guarded condition.

[Paraquat poisoning. Prognostic and therapeutic evaluation in 28 cases].

The pathophysiology of paraquat nephrotoxicity in the sheep.

Untractable fecalith's and hypercalcemia, both associated with Fuller's earth therapy in fatal case of paraquat poisoning.

[Experimental chronic paraquat poisoning. Functional and histopathological pulmonary changes].

Pentachlorophenol, an assessment of the occupational hazard.

[Acute renal failure (ARF) secondary to paraquat poisoning].

Health effects of Agent Orange and dioxin contaminants. Council on scientific affairs.

Paraquat intoxication: report of a fatal case. Discussion of pathophysiology and rational treatment.

The acute toxicity of nonachloropredioxin and 3- and 4-hydroxynonachlorodiphenyl ether in mice.

Accumulation of radionuclide-labeled platelets and fibrinogen in paraquat-damaged rat lungs.

Paraquat--the weed and people killer.

Paraquat poisoning: a clinical and epidemiological review of 30 cases.

[Measurement of V/Q distribution by inert gas elimination method].

Metaldehyde and paraquat poisoning.

[Severe diquat poisoning].

Pesticide poisoning of livestock: a review of cases investigated.

Combined paraquat and acetaminophen toxicity.

Prognosis and treatment of paraquat poisoning: a review of 28 cases.

Herbicides, occupation, and cancer.

Poisoning after illegal use of paraquat bait.

Fatal paraquat poisonings after skin absorption.

[Experimental chronic respiratory failure induced with paraquat in rats--evaluated by growth rate of rats and lung histopathology].

Neuropsychiatric effects of herbicides.

Analysis of neutral steroid sulfates by glass capillary gas chromatography-mass spectrometry (GC-MS) from blood of a patient with paraquat poisoning.

Do phenoxy herbicides cause cancer in man?

Operator exposure measurements during application of the herbicide diallate.

Herbicides and coronary ectasia.

PEEP-induced airspace overdistension complicating paraquat lung.

Pathophysiological effects of paraquat intoxication in domestic ruminants: low dose studies.

Jumping chickens: relevance to hazard in humans.

Influence of body size and developmental stage of coho salmon (*Oncorhynchus kisutch*) on lethality of several toxicants.

Mortality of 2,4-dichlorophenoxyacetic acid and 2,4,5-trichlorophenoxyacetic acid herbicide applicators in Finland: first report of an ongoing prospective cohort study.

Influence of a purified grade of pentachlorophenol on the immune response of chickens.

Immunotoxicity of technical pentachlorophenol (PCP-T): depressed humoral immune responses to T-dependent and T-independent antigen stimulation in PCP-T exposed mice.

Pentachlorophenol pancreatitis.

Efficacy of charcoal hemoperfusion in paraquat poisoning.

[Length of time off from work after application of carbamates and thiocarbamates in the course of irrigation farming].

Dinitrophenol poisoning: a diagnosis to consider in undiagnosed fever.

Potential mutagenic evaluation of the bentazone.

Texas Agent Orange Act takes effect.

Neurotoxicological investigation of the new Hungarian pesticide Toxurazine.

[Hepatotoxicity of selected polychlorinated aromatic hydrocarbons].

Chromosome analyses of workers from a pentachlorophenol plant.

[Enzyme histochemical studies of the intestinal tract of the rat in acute paraquat poisoning and therapeutic use of vitamins E and C].

[Massive poisoning by paraquat with early death (19 hours). Apropos of a case with ultrastructure study].

[Paraquat intoxication, an ultra-structural study of lung lesions. In connection with a case study (author's transl)].

Ultrastructural evidence of pulmonary capillary endothelial damage from paraquat.

Alteration of toxicity to paraquat in mice fed a purified or cereal-based diet.

[Toxicity and certain physiopathologic effects of 2,4,5-trichlorophenoxyacetic acid, an organo-chlorine herbicide, in the adult domestic quail (*Coturnix coturnix japonica*)].

Effects of lindane, paraquat, toxaphene, and 2,4,5-trichlorophenoxyacetic acid on mallard embryo development.

Urinary enzymes, nephrotoxicity and renal disease.

Mutagenicity studies with 2,4,5-T on bacteria and mammalian germ cells.

Effects of transplacental exposure to chlorinated phenols.

Ciguatera poisoning and herbicides.

Determination of total pentachlorophenol in the urine of workers. A method incorporating hydrolysis, an internal standard and measurement by liquid chromatography.

[Etiological aspects on fibrosis--tissue damage and repair of pulmonary tissue (author's transl)].

The effect of paraquat on the incorporation of radiolabelled proline into acid-extractable lung proteins and collagens.

Pharmacokinetics of [14C]-paraquat and associated biochemical and pathologic changes in Beagle dogs following intravenous administration.

A simple method for the estimation of paraquat in tissue.

Depression of serotonin uptake by rat lungs exposed to paraquat.

Possible cardiovascular hazards of the alcohol-calcium carbimide interaction.

Temperature-sensitive carrot variants impaired in somatic embryogenesis.

Allylamine cardiotoxicity--IV. Metabolism to acrolein by cardiovascular tissues.

Failure of *Legionella pneumophila* sensitivities to predict culture results from disinfectant-treated air-conditioning cooling towers.

Antimutators of mitochondrial and nuclear DNA in *Saccharomyces cerevisiae*. Relationship with gamma-ray sensitivity.

Active oxygen metabolites and their action in the hepatocyte. Studies on chemiluminescence responses and alkane production.

Altered removal of vasoactive substances in the injured lung: detection of lung microvascular injury.

Effect of albumin, low temperature and metabolic inhibitors on transport of fatty acids into cultured human leukemic myeloid cells.

Evaluation of mutagenicity and other adverse effects of occupational exposure to sodium azide.

[Middle cerebral artery occlusion with Moyamoya phenomenon.--2nd report: report of an autopsy case].

The effect of ionophore A23187 and 2,4-dinitrophenol on the structure and function of cultured liver cells.

Bacteria and zymosan opsonized with histone, dextran sulfate, and polyanetholesulfonate trigger intense chemiluminescence in human blood leukocytes and platelets and in mouse macrophages: modulation by metabolic inhibitors in relation to leukocyte-bacteria interactions in inflammatory sites.

Immunoreactive uroporphyrinogen decarboxylase is unchanged in porphyria caused by TCDD and hexachlorobenzene.

[Drug-induced lesions of the esophagus].

Inability of niacin to protect from in vivo hyperoxia or in vitro microsomal lipid peroxidation.

Acute oral toxicity of TCDD-metabolites in male guinea pigs.

[Myoclonus of toxic origin].

Gliomas and occupational exposure to carcinogens: case-control study.

Neurotoxicity of the pesticidal carbamates.

Monocyte-mediated damage to *Rhizopus oryzae* hyphae in vitro.

[A new test for hemolysis related to tocopherol deficiency: hemolysis caused by sodium azide (NaN_3). Results in cholestasis in children].

In vitro penetration and absorption of chemicals into the ovine hoof.

[Structural differences of C-terminal fragment of the alpha-subunits of rabbit muscle aldolase in normal animals and in experimental atherosclerosis].

Visual evoked potentials in encephalopathy induced by galactosamine, ammonia, dimethyldisulfide, and octanoic acid.

Effect of long-term ethanol feeding on rat liver interstitial collagens.

Sodium azide poisoning in five laboratory technicians.

Toxic effect of human polymorphonuclear leukocytes on *Chlamydia trachomatis*.

Aluminum absorption in the rat everted gut sac.

Morphogenesis of the mitochondrial alterations in muscle diseases.

Arsenic-induced developmental defects and mitotic abnormalities in sea-urchin development.

TCDD embryotoxicity in the mouse may be enhanced by beta-naphthoflavone, another ligand of the Ah-receptor.

Soft-tissue sarcoma, malignant lymphoma, and exposure to phenoxyacids or chlorophenols.

[Prevention of iron-deficiency anemia in infants in Family Health Centers].

Medicinal arsenic and internal malignancies.

Comparison of the structure and aspects of the proteinase-binding properties of cystic fibrotic alpha-macroglobulin with normal alpha 2-macroglobulin.

Effect of cholinergic drugs on acute and chronic morphine dependence.

Leukemia and farm practices in Iowa.

Survey of reproductive events of wives of employees exposed to chlorinated dioxins.

Anemias in the elderly: physiologic or pathologic?

Severe peripheral neuropathy after exposure to monosodium methyl arsonate.

Tetrachlorodibenzodioxin: a survey of subjects ten years after exposure.

Increased urinary D-glucaric acid excretion by children living in an area polluted with tetrachlorodibenzoparadioxin (TCDD).

Induction of porphyria in the rat by chronic versus acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Artificial hypothermia in acute poisoning by 1,2-dichloroethane and its probable metabolites].

Anemia of pregnancy in Liberia, West Africa: a therapeutic trial.

Evaluation of three immunodiagnostic procedures for porcine strongyloidiasis.

Structural and enzymatic comparison of human cardiac muscle myosins isolated from infants, adults, and patients with hypertrophic cardiomyopathy.

Iron and rheumatoid disease.

A new combined assay of phagocytosis and intracellular killing of *Escherichia coli* by polymorphonuclear leukocytes.

[Determination of bromine contents in the blood and hair of workers exposed to methyl bromide by radioactivation analysis method].

Misonidazole-induced biochemical alterations of mammalian cells: effects on glycolysis.

Collagen polymorphism in the normal and diseased blood vessel wall. Investigation of collagens types I, III and V.

Studies on the control of iron uptake by rabbit small intestine.

Immunity to homologous type III collagen after partial meniscectomy and sham surgery in rabbits.

Mechanism of tissue Ca^{2+} gain during reoxygenation after hypoxia in rabbit myocardium.

Comparative uptake of adriamycin and daunorubicin in sensitive and resistant friend leukemia cells measured by flow cytometry.

Treatment and prophylaxis of anaemia of pregnancy with 'Fefol Spansule'.

Data on dioxin.

Nutritional iron and dopamine binding sites in the rat brain.

[Values of various blood components in guinea pigs after acute 2,3,7,8-tetrachlorodibenzo-P-dioxin (TCDD) poisoning].

[Localization of *Campylobacter foetus* in genital organs of cows and its sensitivity to antibiotics and chemotherapeutic agents].

Serum ferritin in haemodialysis.

Ascorbic acid and iron levels in plasma and liver of vitamin C deficient guinea pigs after iron overload and desferrioxamine administration.

The type of collagen made by the articular cartilage in joints of dogs with degenerative joint disease.

Cancer risks associated with agriculture: epidemiologic evidence.

Studies in neuronal ceroid lipofuscinosis: enzymes of liver and brain tissues involved in the defense against oxidative damage.

[Coronary perfusion rate as a factor determining the degree of heart contractile function decrease in an energy formation disorder].

Quantitation of red cell deformability during progressive deoxygenation and oxygenation in sickling disorders (the use of an automated Ektacytometer).

Persistent tissue levels of TCDD in the mouse and their reduction as related to prevention of toxicity.

Potential 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure of Seveso decontamination workers: a controlled prospective study.

Clinical and laboratory findings in Metation EK-50.

Experimental and clinical results in shock lung treatment with vitamin E.

A study of oxidative phosphorylative activity and calcium-induced respiration of rat liver mitochondria following living *Escherichia coli* injection.

Epidemiological study of nasal and nasopharyngeal cancer and their relation to phenoxy acid or chlorophenol exposure.

Free radicals and activated oxygen.

Acnegenic activity of 3-methylcholanthrene and benzo[a]pyrene, and a comparative study with 2,3,7,8-tetrachlorodibenzo-p-dioxin in the rabbit and hairless mouse.

The functional and ultrastructural changes of hepatic mitochondria in acute experimental pancreatitis in dogs treated with prostacyclin.

Health effects of chlorophenol wood preservatives on sawmill workers.

Mortality study of persons exposed to dioxin in a trichlorophenol-process accident that occurred in the BASF AG on November 17, 1953.

Toxicity of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin (TCDD).

Met- and leu-enkephalin immuno- and bio-reactivity in human stomach and pancreas.

[Ability to redistribute surface receptors in transplantable cell lines].

Subchronic toxicity of chlorine dioxide and related compounds in drinking water in the nonhuman primate.

Intracellular inactivation, reactivation and dynamic status of prostate androgen receptors.

Effects of PAM, proPAM, and DFP on behavior, thermoregulation, and brain AChE in rats.

Volatile alkanes produced by erythrocytes: an assay for in vitro studies on lipid peroxidation.

Use of high doses of deferoxamine (Desferal) in an adult patient with acute iron overdose.

Synaptosomal calcium uptake systems: prostaglandins are probably not involved in the regulation of calcium fluxes into and within the nerve endings.

Attachment of gonococcal pili to lectin-resistant clones of Chinese hamster ovary cells.

Effect of certain pesticides on active sodium transport in the epithelium of isolated frog skin.

Foot-and-mouth disease virus: immunogenicity and structure of fragments derived from capsid protein VP and of virus containing cleaved VP.

An oligomycin-resistant Mg^{2+} -dependent ATPase in rabbit bone marrow mitochondria.

2,4-dinitrophenol stimulation of renal ammoniogenesis.

Role of individual phosphorylation sites in inactivation of pyruvate dehydrogenase complex in rat heart mitochondria.

Suppression of natural killing in vitro by monocytes and polymorphonuclear leukocytes: requirement for reactive metabolites of oxygen.

Increases in choline levels in rat brain elicited by meclufenoxate.

Pesticide effects upon the circadian time structure in the thyroid, adrenal and testis in rats.

Human corneal stroma contains three distinct collagens.

Carcinogenesis Bioassay of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (CAS No. 1746-01-6) in Swiss-Webster Mice (Dermal Study).

Comparative evaluation of different pairs of DNA repair-deficient and DNA repair-proficient bacterial tester strains for rapid detection of chemical mutagens and carcinogens.

Mitochondrial bioenergetics during the initiation of mercuric chloride-induced renal injury. II. Functional alterations of renal cortical mitochondria isolated after mercuric chloride treatment.

Mitochondrial bioenergetics during the initiation of mercuric chloride-induced renal injury. I. Direct effects of in vitro mercuric chloride on renal mitochondrial function.

Inhibition of Respiration in Sea Urchin Spermatozoa following Interaction with Fixed Unfertilized Eggs VI. Probable Difference between the Species in the Mechanism for the Fixed-Egg-Induced Inhibition of Sperm Respiration: (respiration/sperm/sea urchin/carnitine/sperm-egg interaction).

Therapeutic properties of dihydroxy-dibutylether on sub-acute liver damage induced by several hepatotoxic agents in rats.

Light, fluorescence and electron microscopic observations on vitamin A storing cells in allyl-alcohol induced liver damage.

Induction of rat liver cytoplasmic aldehyde dehydrogenase by phenobarbital and polycyclic hydrocarbons. Comparison of different isoenzyme types.

Effect of phospholipase A2 on calcium transport in brain synaptosomes.

Embryotoxicity of 3,3',4,4'-tetrachloroazobenzene and 3,3',4,4'-tetrachloroazoxybenzene in the chick embryo.

Histamine release from rat peritoneal mast cells exposed to ultraviolet light.

Reviewers pan Agent Orange study plan.

The enhancement of paraquat toxicity in rats by 85% oxygen: lethality and cell-specific lung damage.

Effects of acute paraquat toxicity on circulating levels of arachidonic acid, PGF2 alpha and PGE2 in the beagle.

Drug therapy: Drugs to decrease alcohol consumption.

[Experimental models of lung diseases pulmonary fibrosis (idiopathic interstitial pneumonia) (author's transl)].

Development and viability of offspring of male mice treated with chlorinated phenoxy acids and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Does alcohol enhance the toxicity of paraquat (author's transl)].

A review of the clinical use of disulfiram and calcium carbimide in alcoholism treatment.

Subchronic administration of technical pentachlorophenol to lactating dairy cattle: immunotoxicologic evaluation.

The disulfiram (Antabuse)-Alcohol reaction in male alcoholics: its efficient management by 4-methylpyrazole.

Non-Hodgkin's lymphoma of the skin and occupational exposure to herbicides.

Hepatic injury associated with paraquat toxicity in humans.

[A case of lacrimal duct stenosis due to a herbicide paraquat (author's transl)].

Role of glutathione in the metabolism-dependent toxicity and chemotherapy of cyclophosphamide.

Paraquat poisoning in Papua New Guinea.

Effect of phenolic compounds on in vivo activity of glucose-6-phosphatase in certain tissues of *Notopterus notopterus*.

Paraquat poisoning: toxicologic and pathologic findings in three fatal cases.

A comparative study on the effects of paraquat and diquat on cultured human cells.

Acceleration of lipid peroxidation in human paraquat poisoning.

Soft-tissue sarcomas, phenoxy herbicides, and chlorinated phenols.

[Fatal hypoglycemia in a case of paraquat poisoning].

The effects of paraquat and superoxide dismutase on pulmonary vascular permeability and edema in mice.

Niacin Reduces Paraquat Toxicity in Rats.

An investigation of suspected dinoseb poisoning after the agricultural use of a herbicide.

Diquat intoxication: report of two cases and review of the literature.

A study of the health of Malaysian plantation workers with particular reference to paraquat spraymen.

Inhalation toxicity of acrylic acid.

[Kidney changes in the acute phase of paraquat poisoning in rats (author's transl)].

Preliminary report of reproductive outcomes among pesticide applicators using 2,4,5-T.

Paraquat poisoning in dogs and cats--differences between accidental and malicious poisoning.

Intrabronchial instillation of paraquat in rats: lung morphology and retention study.

Soft-tissue sarcomas and exposure to chemical substances: a case-referent study.

Malignant lymphoma and exposure to chemicals, especially organic solvents, chlorophenols and phenoxy acids: a case-control study.

Pseudodiphtheria: prominent pharyngeal membrane associated with fatal paraquat ingestion.

Kinetics of paraquat elimination in the dog.

Responses of serum transaminases in *Notopterus notopterus* chronically exposed to phenolic compounds and their combinations.

Carcinogenicity of picloram.

2,4,5-T, trichlorophenol, and soft tissue sarcoma.

Cardiovascular changes during the calcium carbimide-ethanol interaction.

Repeated exposure to alpha-ethylacrolein vapour: subacute toxicity study in rats.

[Effect of the pesticide fundazol on induced sclerotic processes].

[Assessment of the potential risk for progeny in work with endodan (experimental studies)].

[Investigations on neurotoxicity of chemical substances at the workplace. II. Determination of the motor and sensory nerve conduction velocity in persons occupationally exposed to pentachlorophenol (author's transl)].

[Pentachlorophenol and liver-function: a pilot-study on occupationally exposed collectives (author's transl)].

[Field study of workers with longterm exposure to calcium cyanamide (author's transl)].

The heart and diaphragm: target organs in the neonatal death induced by nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether).

Effects of phenolic compounds on in vivo blood parameters of a fish *Notopterus notopterus*.

Serum protein and glycoprotein changes in chronic paraquat intoxication.

Health hazard alert... pentachlorophenol.

Subchronic administration of technical pentachlorophenol to lactating dairy cattle: performance, general health, and pathologic changes.

[Experimental studies for the hygienic standardization of Lasso in water].

Glycoprotein metabolism in the guinea-pig gastric mucosa in chronic metribuzin poisoning.

Changes in renal function associated with paraquat dichloride toxicity in the domestic fowl.

[Acute toxicity of two phenylcarbamates: propham and chloroprotham].

In vitro stimulation by paraquat of reactive oxygen-mediated lipid peroxidation in rat lung microsomes.

Determination of pentachlorophenol in urine.

Histological considerations of direct pulp capping agents.

Reye's syndrome simulacra in liver of mice after treatment with chemical agents and encephalomyocarditis virus.

Prevention of the hepatotoxic action of N-hydroxy-2-acetylaminofluorene in the rat by inhibition of N-O-sulfation by pentachlorophenol.

Mutagenic activity of diallate and triallate determined by a battery of in vitro mammalian and microbial tests.

Arsenic-induced axial skeletal (dysraphic) disorders.

[Lung changes after paraquat as an experimental model of the respiratory distress in the newborn and diffuse interstitial fibrosis of the lung].

The influence of putrefactive changes on the determination of Paraquat in autopsy materials.

Chronic effects of ethanol under partial inhibition of catalase activity in the rat heart: light and electron microscopic observations.

Pulmonary fibrosis in experimental acute respiratory disease.

Oxidant injury of lung parenchymal cells.

Pharmacokinetics of 2,4,5-T PGBE ester applied dermally to rats.

2,4,5-T effects on cardiac and serum lactic dehydrogenase (LDH) and creatine kinase (CK) isozymes. II. Neonatal enzyme activities and isozyme profiles.

2,4,5-T effects on cardiac and serum lactic dehydrogenase (LDH) and creatine kinase (CK) isozymes. I. Maternal enzyme activities and isozyme profiles.

The rapidly metabolized 32,000-dalton polypeptide of the chloroplast is the "proteinaceous shield" regulating photosystem II electron transport and mediating diuron herbicide sensitivity.

Arterial effects of palmitic, linoleic and acetoacetic acid.

[Pentachlorophenol concentrations in tissues and body fluids of normal persons (author's transl)].

Acute toxicity testing of some herbicides-, alkaloids-, and antibiotics-metabolizing soil bacteria in the rat.

[Serum ferritin in hemodialysis. I. Study in populations treated with iron or untreated].

Marfan syndrome: abnormal alpha 2 chain in type I collagen.

Relationship between clinical and electrophysiological findings and indicators of heavy exposure to 2,3,7,8-tetrachlorodibenzo-dioxin.

Severe chlorate poisoning: report of a case.

Influence of 2,4-dinitrophenol on the susceptibility of rats to hepatotoxic injury.

Quantitation of differences between spontaneous and induced liver tumors in mice with an automated image analyzer.

The Marfan syndrome: a deficiency in chemically stable collagen cross-links.

Biological evaluation of hemoperfusion in acute poisoning.

The role of iron in the toxicity of 2,3,7,8-tetrachlorodibenzo-(p)-dioxin (TCDD).

Nonspecific suppression of initiation of memory cells in *Toxoplasma gondii*-infected mice.

Disulphide exchange reactions in the control of enzymic activity. Evidence for the participation of dimethyl disulphide in exchanges.

[Experimental studies on metabolism of iron overload in dogs with carbon tetrachloride induced chronic hepatic injury (author's transl)].

The metabolism of arsenic in humans acutely intoxicated by As₂O₃. Its significance for the duration of BAL therapy.

Synthesis of pro-collagen type II by a xenotransplanted human chondroblastic osteosarcoma.

Whole blood luminol-dependent chemiluminescence.

Specific hypo-responsive granulomatous tissue reactions in *Brugia pahangi*-infected jirds.

Insulin secretion by a transplantable rat islet cell tumour.

Non-Hodgkin's lymphoma of the scalp in workers exposed to dioxins.

Methyl bromide poisoning seen initially as psychosis.

Reduced secretion of structurally abnormal type I procollagen in a form of osteogenesis imperfecta.

Detection of experimentally produced acute pulmonary arterial occlusion by methyl iodide-131 inhalation imaging.

[Human embryonic haemoglobins. The primary structure of the zeta chains (author's transl)].

Soft tissue sarcomas and chlorinated phenols.

Acute and subchronic toxicity studies of rats exposed to vapors of methyl mercaptan and other reduced-sulfur compounds.

Basal processes on duodenal epithelial cells of man, mouse and rat.

Enzymatic alterations in mouse hepatic nodules induced by a chlorinated hydrocarbon pesticide.

2,3,7,8-tetrachlorodibenzo-p-dioxin: acute oral toxicity in hamsters.

Relation of soft-tissue sarcoma, malignant lymphoma and colon cancer to phenoxy acids, chlorophenols and other agents.

Acute and short-term toxicity of 2,3,4,6-tetrachlorophenol in rats.

Iron deficiency: diagnosis and treatment.

Experimental siderosis of articular chondrocytes cultured in vitro.

Chloracne following environmental contamination by TCDD in Seveso, Italy.

Contribution of cyanate to the albumin binding defect of uremia.

[Placental histological findings in women from the area polluted with TCDD].

Effect of ferrous sulfate aerosols and nitrogen dioxide on murine pulmonary defense.

Iron deficiency in one-year-old infants: comparison of results of a therapeutic trial in infants with anemia or low-normal hemoglobin values.

Iron availability and absorption in rats fed sodium phytate.

[Use of calcium hydroxide in the treatment of teeth with periapical lesions: clinical observation of 13 cases].

Adenylate cyclase and guanylate cyclase activity in normal and leukemic human lymphocytes.

Tumor cell anti-oxidant defenses. Inhibition of the glutathione redox cycle enhances macrophage-mediated cytolysis.

Effect of staphylococcal iron content on the killing of *Staphylococcus aureus* by polymorphonuclear leukocytes.

Dioxin, chloracne, and soft tissue sarcoma.

[The presence of an albino ERG in the pigmented rat: genetic implications (author's transl)].

Production of Heinz body anaemia in the domestic fowl after ingestion of dimethyl disulphide: a haematological and ultrastructural study.

[Chronoinotropic cardiac autoregulation following hypoperfusion and metabolic blockade].

Hexose transport in normal and SV40-transformed human endothelial cells in culture.

A gas chromatographic-mass spectrometric analysis for phenols in uremic serum.

Lymphocytotoxins in infectious mononucleosis: a non-cytotoxic effect on lymphocytes at 37 degrees C and the influence of cell metabolism on their cytotoxicity in vitro.

Hapten and kidney antibodies in serum from children with urinary tract infection.

Vitamin B12-dependent methyltetrahydrofolate: homocysteine methyltransferase activity in normal and leukemic human hematopoietic cells.

[Aspiration of Fero-gradumet].

The development and prognosis of chronic intoxication by tetrachlordibenzo-p-dioxin in men.

delta-Aminolaevulinic acid uptake, toxicity, and effect on [14C]gamma-aminobutyric acid uptake into neurons and glia in culture.

Role of cell-generated hydrogen peroxide in granulocyte-mediated killing of schistosomula of *Schistosoma mansoni* in vitro.

Testing of selected workplace chemicals for teratogenic potential.

Neurobehavioral effects of methyl bromide inhalation exposures.

Baseline and sodium arsenite-induced sister chromatid exchanges in cultured lymphocytes from patients with Blackfoot disease and healthy persons.

Acute topical exposure to a mixture of benzene, chloroacetyl chloride and xylidine.

[Activated chemoluminescence of the plasma in purulent infections].

The influence of malnutrition on the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats.

New aspects of the origin of hepatocellular vacuoles. An ultrastructural study on rat and mice liver after different intoxications.

Ferrous sulfate liquid for the treatment of iron deficiency anemia.

Biotransformation and porphyrinogenic action of hexachlorobenzene and its metabolites in a primary liver cell culture.

[Clinico-pathological studies on the influence of mono-chlorophenol to the exposed human vital pulp tissues, with reference to compare its three isomers (author's transl)].

Arsenic-related hepatic angiosarcoma.

Requirement of carbohydrates for cell fusion induced by vesicular stomatitis virus.

Monocyte-mediated serum-independent damage to hyphal and pseudohyphal forms of *Candida albicans* in vitro.

[Method for increasing the intensity of free radical oxidation of lipid-containing components of the blood and its diagnostic significance].

In vitro synthesis of a mutagenic azide metabolite by cell-free bacterial extracts.

T cell clones reactive with sperm whale myoglobin. Isolation of clones with specificity for individual determinants on myoglobin.

Herbicide effects in nematode diseases.

Intestinal absorption of nutrients in rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Decreased insulin sensitivity due to a postreceptor defect as a consequence of ATP-deficiency in fat cells.

Receptor-mediated gonadotropin action in the ovary. Demonstration of acute dependence of rat luteal cells on exogenously supplied steroid precursor (sterols) for gonadotropin-induced steroidogenesis.

Somatic embryogenesis and plant regeneration from leaf tissues of *Panicum maximum* Jacq.

The effects of 1,10-phenanthroline on the binding of activated rat hepatic glucocorticoid-receptor complexes to deoxyribonucleic acid-cellulose.

In vivo drug metabolism and liver lobule heterogeneity in the rat.

Fatal poisoning with methyl isothiocyanate.

An organ culture method for glandular stomach of new born rat.

Enzyme histochemistry and immunohistochemistry on biopsy specimens of pathologic human bone marrow.

A comparison of 2,4-dichlorophenoxyacetic Acid metabolism in cultured soybean cells and in embryogenic carrot cells.

The differential localization of various drug metabolizing systems within the rat liver lobule as determined by the hepatotoxins allyl alcohol, carbon tetrachloride and bromobenzene.

[Clinico-pathological studies on the influence of camphorated paramonochlorophenol penicillin compounds to the exposed human vital pulp tissues (author's transl)].

The use of 2-dimensional CNBr peptide maps for the analysis of crosslinked peptides in bone collagen.

Acute toxicity of some chlorinated phenols, catechols and cresols to trout.

Maturation of renal tubular transport of digoxin.

Porphyrogenic effect of chronic treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin in female rats. Dose-effect relationship following urinary excretion of porphyrins.

Effect of 2,4 dinitrophenol on the rate of hepatic prostaglandin production.

Induction of mixed-function oxidase by chronic treatment with 2,3,7,8-tetrachloro-dibenzo-p-dioxin in female rats.

Effect of arginine thiazolidinecarboxylate on allyl alcohol hepatotoxicity in the rat.

[The adhesion of blood platelets to collagen: molecular features of collagen (author's transl)].

Manganese and defenses against oxygen toxicity in *Lactobacillus plantarum*.

Deficient cyclic adenosine 3',5'-monophosphate control in mutants of two genes of *Neurospora crassa*.

Vitamin E and paraquat poisoning.

[Chronic interstitial pneumonia in dogs induced by herbicide paraquat--histological and physiological study].

A histopathological study of the liver in paraquat poisoning--an analysis of fourteen autopsy cases with emphasis on bile duct injury.

Acute toxicities of the herbicides komeen and hydrothol-191 to golden shiner (*Notemigonus crysoleucas*).

Acute and chronic toxicity of sodium pentachlorophenate to the copepod, *Pseudodiaptomus coronatus*.

Paraquat poisoning in a child: vitamin E in amelioration of lung injury.

Perioral leukoderma simulating vitiligo from use of a toothpaste containing cinnamic aldehyde.

[Ultrastructural studies and neutrophil myeloperoxidase determination in rats with acute 2,4-dichlorophenoxyacetic acid poisoning].

The chronic toxicity of technical and analytical pentachlorophenol in cattle. II. Chemical analyses of tissues.

Survival despite potentially fatal plasma paraquat concentrations.

[Bowen's disease with multiple lesions caused by chronic arsenic poisoning].

Early and delayed biochemical effects of paraquat toxicity on rat lung.

[Biochemical and morphological changes in white rat lung and liver tissues in experimental paraquat poisoning].

Biochemical mechanisms in chemical-induced lung injury: roles of metabolic activation.

Non-fatal lung disease due to inhalation of nebulised paraquat.

Dioxin. A case in point.

[Survey of the death causes in forest workers with and without exposure to phenoxyacid chemicals].

Toxicity and bioaccumulation of pentachlorophenol in broiler chickens.

Marijuana and the lung.

Liver necrosis and lipid peroxidation in the rat as the result of paraquat and diquat administration. Effect of selenium deficiency.

Non-fatal disease due to inhalation of nebulised paraquat.

Agent Orange and skin rash--a different experience.

[Paraquat poisoning; clinical toxicological aspects and a case description].

[Differential diagnosis of fish poisonings by herbicides].

The chronic toxicity of technical and analytical pentachlorophenol in cattle. I. Clinicopathology.

Suicidal poisoning by MCPA and parathion.

[Paraquat-induced lung injuries in rats with reference to interstitial pneumonia (author's transl)].

Herbicide exposure and tumor mortality. An updated epidemiologic investigation on Swedish railroad workers.

Cerebral damage in paraquat poisoning.

The changing pattern of paraquat poisoning in man.

Cyanamide-induced liver injury in alcoholics.

Accumulation of anionic pesticides by rabbit choroid plexus in vitro.

Prioritization of chemicals according to the degree of hazard in the aquatic environment.

PCP dioxins found to pose health risks.

Air Force will study men who sprayed Agent Orange.

Clinical findings in workers exposed to pentachlorophenol.

Effects of pentachlorophenol on rat liver changes induced by hexachlorobenzene, with special reference to porphyria, and alterations in mixed function oxygenases.

Pentose pathway in pulmonary fibrosis due to chronic paraquat poisoning.

[Effect of the pesticide, fundazol, on the myocardium of rats with experimental atherosclerosis].

[Assessment of the chronic toxic action of the herbicide, balagrin, in continuous and intermittent exposure regimens].

[Morphological studies of chronic toxicity of Chwastox D].

Paraquat: a review of worker exposure in normal usage.

Suspected pentachlorophenol and creosote poisoning.

A mortality analysis of employees engaged in the manufacture of 2,4,5-trichlorophenoxyacetic acid.

[Effect of acute 2,4-D poisoning on the process of eosinophil hematopoiesis].

A comparison of the effects of paraquat and diquat on lung compliance, lung volumes and single breath diffusing capacity in the rat.

[Pulmonary histological aspects of acute paraquat poisoning].

Decrease of reduced glutathione in isolated rat hepatocytes caused by acrolein, acrylonitrile, and the thermal degradation products of styrene copolymers.

The embryotoxicity of the cyclophosphamide metabolite acrolein in rabbits, tested in vivo by i.v. injection and by the yolk-sac method.

[Nature of cytogenetic and morphologic disorders in rat oogenesis and embryogenesis induced by chloridin and 2,4,5-trichlorophenoxyacetic acid during the preovulatory phase of meiosis].

Acute leukaemia after exposure to a weed killer, 2-methyl-4-chlorophenoxyacetic acid.

Human health effects of selected pesticides, chloroaniline derivatives.

[Effects of acute or chronic poisoning with lindane or 2,4,5-trichlorophenoxyacetic acid on adrenal and urinary catecholamines of rats. Effect of a hypo- and hyperlipidic diet].

[Effects of toxic gases and phagocytic defense of the respiratory system. "In vitro" approach].

Experimental myotonia.

Oxygen effects of metabolism and paraquat uptake in rat lung slices.

Normobaric oxygen toxicity of the lung.

Exposure of pesticide applicators to arsenic acid.

Field worker exposure and helicopter spray pattern of 2,4,5-T.

Does acrolein contribute to the cytotoxicity of cyclophosphamide?

[The pathogenesis of hematoxylin bodies--observations on an experimental model in animals (author's transl)].

Inhibition of mosaic virus of *Vigna sinensis* Endl. with four chemicals.

Studies on the action of pesticides upon the endocrines using in vitro human thyroid cells culture and in vivo animal models. II. Herbicides-prometrin and terbutrin.

Effects of pentachlorophenol and 2,4,6-trichlorophenol on the disposition of sulfobromophthalein and respiration of isolated liver cells.

In vitro methods for the study of the effects of teratogens on preimplantation embryos.

[Chemical structure and toxicodynamic properties of phenoxy-carboxylic acid derivatives. I. Acute toxicity and cumulation coefficient].

Differential alterations in host peripheral polymorphonuclear leukocyte chemiluminescence during the course of bacterial and viral infections.

Histopathologic differences between liver tumors in untreated (C57BL/6 X C3H)F1 (B6C3F1) mice and Nitrofen-fed mice.

The influence of hypoxia and metabolic inhibitors on the excitation process in atrioventricular node.

Hemodialysis clearance of arsenic.

Primary structure of human gamma 3 immunoglobulin deletion mutant: gamma 3 heavy-chain disease protein Wis.

Toxicology of selenium: a review.

The effects of acute and subacute sodium arsenite administration on carbohydrate metabolism.

Mortality experience of employees exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Bovine peripheral nervous system myelin P2 protein: chemical and immunological characterization of the cyanogen bromide peptides.

Kale poisoning: the brassica anaemia factor.

[Problems arising from disease during the periods of breeding and rearing canaries and other aviary birds (author's transl)].

Effect of iron therapy on serum ferritin levels in iron-deficiency anemia.

Protection of mice against the lethal effects of sodium arsenite by 2,3 dimercapto-1-propane-sulfonic acid and dimercaptosuccinic acid.

Interstitial collagen polymorphism in rat liver with CCl₄-induced cirrhosis.

Postnatal morphology and functional capacity of the kidney following prenatal treatment with dinoseb in rats.

Effect of form of iron on the interaction between nickel and iron in rats: growth and blood parameters.

Plasma protein carbamylation and decreased acidic drug protein binding in uremia.

[Acute peritonitis after drinking emulsion paint].

Oxygen-induced enzyme release. Assessment of mitochondrial function in anoxic myocardial injury and effects of the mitochondrial uncoupling agent 2,4-dinitrophenol (DNP).

[Comparative study "in vitro" of the long range action of camphorated paramonochlorophenol, chrysalized thymol, alcohol solution of thymol and camphorated thymol solution].

Allergic contact dermatitis from methylisothiocyanate in soil disinfectants.

Antigen-induced suppression of experimental allergic neuritis in the guinea pig.

Chemical company suppresses dioxin report.

Acute poisoning due to Wright's vaporizing fluid.

[Malignant lymphoma and exposure to chemical substances, in particular organic solvents, chlorphenol and phenoxyacetates].

Myotonia as a side effect of diuretic action.

Conferon treatment in risk pregnancy due to iron deficiency anaemia.

Neurotoxicity of halogenated O-phenyl O-alkyl alkylphosphonothioates.

Blood clearance tests for detecting 2,3,7,8-tetrachlorodibenzo-p-dioxin hepatotoxicity in rats and rabbits.

[Use of antagonistic metals to correct copper metabolism in patients with hepatocerebral dystrophy].

Acute human exposure to TCDD in Seveso, Italy.

Role of the endocrine system in the action of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the thymus.

No excess in cancer deaths found in largest group ever studied for long-term effects of dioxin exposure..

Esophagitis caused by oral medication.

Biological evaluation of hemoperfusion in acute poisoning.

Congenital hypothalamic hamartoblastoma, hypopituitarism, imperforate anus and postaxial polydactyly--a new syndrome? Part I: clinical, causal, and pathogenetic considerations.

[Experimental study on elucidating pathogenesis of adriamycin induced cardiomyopathy (author's transl)].

Interactions between essential trace and ultratrace elements.

Gingival matrix collagen in chronic periodontitis.

A study of gamma-aminobutyric acid uptake in normal and Down's syndrome platelets.

Experiences from the accident of Seveso.

The histochemical characterization of the coupling state of skeletal muscle mitochondria.

The mortality experience of workers exposed to tetrachlorodibenzodioxin in a trichlorophenol process accident.

Isolation of human glomerular basement membrane antigens by affinity chromatography utilising Goodpasture's kidney antibody eluates.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on macrophage and natural killer cell-mediated cytotoxicity in mice.

Ionophore A23187 induced reductions in toad urinary bladder epithelial cell oxidative phosphorylation and viability: implications for A23187 related declines in epithelial active transport.

Cytotoxicity of methyl bromide: effect of methyl bromide on cultured mammalian cells.

Thermal injury of *Yersinia enterocolitica*.

[Role of carbamoylation processes in the cytotoxic action of nitrosoalkylureas].

[Effect of sodium ion concentration on the structural and functional characteristics of bladder receptors].

Studies of the chick renal mitochondrial 25-hydroxyvitamin D-3 24-hydroxylase.

Soluble Sugars, Respiration, and Energy Charge during Aging of Excised Maize Root Tips.

Collagen biosynthesis by human skin fibroblasts. II. Isolation and further characterization of type I and type III procollagens synthesized in culture.

Bioassay of Fluometuron for Possible Carcinogenicity (CAS No. 2164-17-2).

Naphthalene metabolism by pseudomonads: purification and properties of 1,2-dihydroxynaphthalene oxygenase.

The complete amino acid sequence of horse muscle acylphosphatase.

The mechanism of proton translocation driven by the respiratory nitrate reductase complex of *Escherichia coli*.

2,3,7,8-Tetrachlorodibenzo-p-dioxin: failure to demonstrate toxicity in twenty-three cultured cell types.

Calcium accumulation by chick intestinal mitochondria. Regulation by vitamin D-3 and 1,25-dihydroxyvitamin D-3.

Effect of acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on humoral antibody production in mice.

Mechanisms of action potential propagation failure at sites of axon branching in the crayfish.

Characteristics of 5-hydroxytryptamine transport in pancreatic islets.

Effect of ATPase inhibitors on the proton pump of respiratory-deficient yeast.

Collagen synthesis and turnover following particle phagocytosis in dermal fibroblasts.

In vitro synthesis of tissue-specific type II collagen by healing cartilage. I. Short-term repair of cartilage by mature rabbits.

Biosynthesis of interstitial types of collagen by albumin-producing rat liver parenchymal cell (hepatocyte) clones in culture.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxic effects and tissue levels in animals from the contaminated area of Seveso, Italy.

Nutritional requirements and biochemical activities of pineapple pink disease bacterial strains from Hawaii.

Evaluation of hepatocytes isolated by a nonperfusion technique in a prescreen for cytotoxicity.

Significance of mode of exposure in aerosol inhalation toxicity studies - head only versus whole body exposure.

The effect of acute administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on humoral antibody production and cell-mediated activities in mice.

The development of mesna for the inhibition of urotoxic side effects of cyclophosphamide, ifosfamide, and other oxazaphosphorine cytostatics.

Studies on cartilage formation. XXII. Investigations of certain oxidative metabolic processes in regenerating articular cartilage.

[Paraquat poisoning. Clinical and anatomic-pathological aspects].

Distribution of 2-methyl-4-chlorophenoxyacetic acid and 2,4-dichlorophenoxyacetic acid in male rats: evidence for the involvement of the central nervous system in their toxicity.

Acute toxicity of two molluscicides, mercuric chloride and pentachlorophenol to a freshwater fish (*Channa gachua*).

Occupational exposures to pesticides containing organoarsenicals in California.

The toxicity and renal handling of paraquat in cynomolgus monkeys.

Changes in transglutaminase activity in an experimental model of pulmonary fibrosis induced by paraquat.

Herbicide claimed responsible for birth defects.

[Acute pharyngitis caused by inhalation of diquat (author's transl)].

Delayed neurotoxic, late acute and cholinergic effects of S,S,S-tributyl phosphorotrithioate (DEF): subchronic (90 days) administration in hens.

Biochemical and morphological correlation of oxidant-induced pulmonary injury: low dose exposure to paraquat, oxygen, and ozone.

Acute toxicity of oral diquat (1,1'-ethylene-2,2'-bipyridinium) in cynomolgus monkeys.

Comparison of protection by L-ascorbic acid, L-cysteine, and adrenergic-blocking agents against acetaldehyde, acrolein, and formaldehyde toxicity: implications in smoking.

Two survivors of severe paraquat intoxication by "continuous hemoperfusion".

[The acute intoxication by paraquat in the rat. Light and E.M. observations (author's transl)].

Renal functional effects of 2,4,5-trichlorophenoxyacetic acid and silvex after acute and prolonged exposure.

Plenty of fuel for Agent Orange dispute.

A clinical survey of paraquat formulation workers.

Chronic lung disease. Pulmonary fibrosis.

The acute toxic effects of paraquat and diquat on the rat kidney.

Joint statement issued by CDC, HEW, NIEHS.

[A case of acute acrolein poisoning].

Changes in the pulmonary uptake and binding of drugs in an experimental model of lung fibrosis.

Paraquat or oxygen intoxication? Hypoxygenous artificial ventilation. a variation of PEEP treatment.

Toxic substances and cell membrane function.

Results of a two-year chronic toxicity and oncogenic study of rats ingesting diets containing 2,4,5-trichlorophenoxyacetic acid (2,4,5-T).

An investigation of an arsenic poisoning case.

Biochemical and morphological study of the liver injury induced by drugs and chemicals.

Viets and vets fear herbicide health effects.

The effects of paraquat on cultured human embryonic cells.

Early bronchiolar damage following paraquat poisoning in mice.

Acute toxicity and effects of sublethal dietary exposure of monosodium methanearsonate herbicide to *Peromyscus leucopus* (Rodentia: Cricetidae).

[Severe, acute erosive-hemorrhagic gastroduodenitis following spraying of the herbicide Banvel M].

Carcinogenicity testing of herbicide 2,4,5-trichlorophenoxyethanol containing dioxin and of pure dioxin in Swiss mice.

The rapid screening of body tissues for pentachlorophenol (PCP) with special reference to a poisoning fatality.

Further clinical observations on the pulmonary effects of paraquat ingestion.

Pulmonary effects of contact exposure to paraquat: a clinical and experimental study.

[Nephropathy in acute poisoning by paraquat and diquat].

[Characteristics of the embryotoxic action of herbicides, derivatives of 2,4-dichlorophenoxyacetic acid].

[Pentachlorophenol poisoning in nestlings of canaries (*Serinus canarius*) (author's transl)].

[A fatal intoxication due to paraquat intake without any specific treatment (author's transl)].

[Clinical aspects of the late sequelae of acute 2,4-dichlorophenoxyacetic acid poisoning].

[Current dermatological problem: skin diseases caused by pesticides].

The acute inhalation toxicology of the technical grade organoarsenical herbicides, cacodylic acid and disodium methanearsonic acid; a route comparison.

Nephrotoxicity of paraquat in man.

Rapid determination of urinary paraquat in acute paraquat poisoning.

Prenatal effects of 2,4,5-T, 2,4,5-trichlorophenol, and phenoxyacetic acid in mice.

[Histo enzymatic reactions in the cells of the reticuloendothelial system of the liver and spleen and hepatocytes in acute Morfamquat dichloride poisoning].

The influence of hyperoxia on the acute toxicity of paraquat and diquat.

[Fatal paraquat poisoning, a case report].

[Clinical and experimental studies of chronic Herbazin-50 poisoning in sheep].

[Critical remarks on the investigation methods of coergistic effects of acute oral toxicity of combination insecticides].

Butyl hydroxyl toluene (BHT) a lipid-soluble antioxidant in the treatment of experimental paraquat intoxication.

Paraquat poisoning: Experience of Poison Control Centers in France.

Potential of acute paraquat toxicity by vitamin E deficiency.

[Disturbances in the processes of division and differentiation of the spermatopoietic epithelium in chronic Ramrod poisoning].

Mechanisms of acute human poisoning by pesticides.

Review of the toxicology of paraquat (1,1'-dimethyl-4,4'-bipyridinium chloride).

Propanil-chloracne and methomyl toxicity in workers of a pesticide manufacturing plant.

Acrolein, the causative factor of urotoxic side-effects of cyclophosphamide, ifosfamide, trofosfamide and sufosfamide.

[Histological changes of organs in sheep with chronic simazine poisoning].

Epicardial NADH fluorescence in altered mitochondrial redox states.

Studies on the action of pesticides upon the endocrines using in vitro human thyroid cells culture and in vivo animal models. I. Herbicides--aminotriazole (amitrol) and atrazine.

[Allergic contact dermatitis due to propachlor (author's transl)].

[The use of gastrointestinal sorbents in chronic renal insufficiency. In-vitro and in-vivo study].

[Effect of phenobarbital on the embryotoxic action of 2-methyl-4-chlorophenoxyacetic acid].

Models of pulmonary fibrosis: misadventures and ramifications.

Genetic localization of diuron- and mucidin-resistant mutants relative to a group of loci of the mitochondrial DNA controlling coenzyme QH₂-cytochrome c reductase in *Saccharomyces cerevisiae*.

Oxidant-induced alterations in pulmonary microsomal mixed-function oxidation: acute effects of paraquat and ozone.

[Microsurgical plastic reconstruction of the explosion-damaged hand].

[Case- control study of malignant mesenchymal soft tissue tumors and exposure to chemical substances].

[Cresol burns in the eye (author's transl)].

The role of superoxide anion generation in antibody-dependent polymorphonuclear leukocyte-mediated cytotoxicity.

Control of in vitro cytotoxicity of positively charged liposomes.

Recovery following massive exposure to methyl bromide.

Insecticide/herbicide exposure, aplastic anaemia, and pseudotumor cerebri.

Toxic effects of peroral o-cresol intake on rat brain.

Protection by monospecific gonococcal antisera of the chicken embryo challenged with *Neisseria gonorrhoeae*.

Epidemics of non-infectious disease.

Acute arsine poisoning in two workers cleaning a clogged drain.

Acute pulmonary injury in rats by nitrofurantoin and modification by vitamin E, dietary fat, and oxygen.

In-vitro assessment of the removal of phenols by ACAC hemoperfusion.

Unique characteristics of superoxide production by human eosinophils in eosinophilic states.

Immunoperoxidase staining for detection of Colorado tick fever virus, and a study of congenital infection in the mouse.

Assessment of environmental factors affecting male fertility.

Human health effects from accidental release of tetrachlorodibenzo-p-dioxin (TCDD) at Seveso, Italy.

Developmental toxicology of the halogenated aromatics: effects on enzyme development.

Lipid profiles in dioxin-exposed workers.

Enhancement of human neutrophil bactericidal activity by chemotactic factors.

Large agarose beads for extracorporeal detoxification systems. Preparation and enzymatic properties of agarose-bound UDP-glucuronyltransferase.

Iron deficiency prevents liver toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Fe(III)-EDTA complex as iron fortification. Further studies.

Normal iron absorption and decreased red cell iron uptake in the aged.

Bromine in blood, EEG and transaminases in methyl bromide workers.

Skin responses to ultraviolet radiation in contact photodermatitis due to fentichlor.

[Ecogenetics].

Malignant lymphoma of histiocytic type and exposure to phenoxyacetic acids or chlorophenols.

The toxicology of 2,3,7,8-tetrachlorodibenzo-p-dioxin and its structural analogues.

Self-poisoning by sodium chlorate--some unusual features.

Death from acute poisoning in man.

Therapy of iron deficiency anemia in patients on maintenance dialysis.

The biostructural theory and the criticism of contemporary molecularism.

Estimation of the TCDD toxic potential in the light of the Seveso accident.

[On the plurifactorial determinism of the organophosphorous-induced teratogenesis on bird embryos; trials of protection by various compounds: oximes, hydroxamic acids and nicotinamide analogs (author's transl)].

[Study of acute and chronic effects of single doses of tetrachlorodibenzodioxin (TCDD) in Wistar rats].

Physico-chemical characterization of hamster interferon.

[Toxicity of several pesticides used in Tunisia, for *Aphanius fasciatus* Nardo, 1827 (Pisces, Cyprinodontidae.)].

Respiration and viability of thermally injured *Saccharomyces cerevisiae*.

Superficial or membrane digestion of peptides in dinitrophenol-inhibited rat small intestine.

[Lipid complexes and thioldisulfide groups in the blood during chronic inhalation dosing of dimethyldisulfide].

Mutagenesis of *Saccharomyces cerevisiae* by sodium azide activated in barley.

Fragmentation of the human transplantation antigen heavy chain by limited proteolysis, acid cleavage, and cyanogen bromide treatment.

Injury and recovery of *Escherichia coli* after sublethal acidification.

Bioassay of calcium cyanamide for possible carcinogenicity.

Allyl alcohol-induced changes in the rat exocrine pancreas.

Foot-and-mouth disease virus immunogenic capsid protein VPT: N-terminal sequences and immunogenic peptides obtained by CNBr and tryptic cleavages.

[A case of fatal interstitial pneumonitis after paraquat ingestion (author's transl)].

Paraquat poisoning: a review.

Experiences of a veterinary consultant to electric companies.

Percutaneous paraquat absorption. An association with cutaneous lesions and respiratory failure.

[Clinico-pathological study of acute paraquat poisoning (author's transl)].

[Case of acute 2,4-D herbicide poisoning (late sequelae)].

Correlation of biochemical and morphologic manifestations of acute pulmonary fibrosis in rats administered paraquat.

An effect of paraquat on the lungs of rabbits. Its implications in smoking contaminated marihuana.

Paraquat goes to pot.

Paraquat and marihuana. Assessing the hazard.

Familial and sporadic Hodgkin's disease associated with occupational wood exposure.

Cytogenetic studies of pesticide and herbicide sprayers.

Accidental self-poisoning by sodium chlorate weed-killer.

Dietary subacute toxicity of ethylene thiourea in the laboratory rat.

Superoxide dismutase of the eye: relative functions of superoxide dismutase and catalase in protecting the ocular lens from oxidative damage.

Paraquat lung injury in rabbits.

[Effect of stress (immobilization) on embryotoxic and teratogenic effect of 2,4,5-trichlorophenoxyacetic acid and its derivatives].

Paraquat poisoning in agricultural workers.

The localization of calcium by X-ray microanalysis in myopathic muscle fibers.

Autopsy findings in a case of acute paraquat poisoning with extensive cerebral purpura.

[Chemical dermatoses from nitrophenol exposure].

The pathology and biochemistry of paraquat.

Prevention of acute paraquat toxicity in rats by superoxide dismutase.

Assessment of the contribution of chemical species to the eye irritation potential of photochemical smog.

Dermal exposure to paraquat.

Oesophageal perforation due to paraquat.

Case of a swollen foot.

[Neurologic manifestations in the course of pesticide intoxication].

Pulmonary changes in paraquat poisoning.

Pathology of acute respiratory distress in the dog associated with paraquat poisoning.

Fatal paraquat poisoning: tissue concentrations and implications for treatment.

Acute percutaneous paraquat poisoning.

Repeated exposure to acrolein vapour: subacute studies in hamsters, rats and rabbits.

The hepatotoxicity of 3-amino-1,2,4-triazole and carbon disulphide in phenobarbitone-treated starved rats.

Enhanced lung toxicity of paraquat in selenium-deficient rats.

[Experimental poisoning of carp fingerlings (*Cyprinus carpio* L.) with the herbicidal preparation, lasagrin (alachlor)].

[Toxicity of the pesticide nabam as a function of dietary protein content in the rat].

[Pathomorphological studies in experimental simazine poisoning of sheep].

Co-existence of morbus Hodgkin and aplastic anaemia.

Pulmonary histological appearances in fatal paraquat poisoning.

[2,4-D poisoning].

Paraquat ingestion and pulmonary injury.

Report of the 40th meeting of the work group on the pathophysiology of breathing of the Society for Pathophysiology and the Society for Bronchopneumology and Tuberculosis of the DDR. Animal experimental models of acute and chronic lung diseases.

Noncardiac pulmonary edema.

Myosin changes in experimental 2,4-dichlorophenoxyacetate myopathy.

National Health and Medical Research Council. Statements adopted at 85th session, Adelaide, June 1978.

Toward less hazardous cigarettes. Current advances.

Effect of carboxylesterase inhibitors on the acute hepatotoxicity of esters of allyl alcohol.

Comparative effects of aminotriazole on normal and acatalasemic mice.

Characteristics of proline transport into R3230AC mammary tumor cells.

Subacute skeletal myopathy induced by 2,4-dichlorophenoxyacetate in rats and guinea pigs.

[Parthenium hysterophorus allergy. A weed problem in India (author's transl)].

Reversal by theophylline of some changes characteristically accompanying hypothyroidism in rats.

An assessment of human exposure to N-nitroso compounds.

The effect of paraquat on the respiration of lung cell fractions.

Effect of acute and chronic paraquat on rat lung collagen content.

Induction of a dissimilatory reduction pathway of nitrate in *Halobacterium* of the Dead Sea. A possible role for the 2 Fe-ferredoxin isolated from this organism.

Reincarnation in cultured muscle of mitochondrial abnormalities. Two patients with epilepsy and lactic acidosis.

[Some peculiarities of ATPase in tumor mitochondria].

The effects of vasectomy on the movement of ^{14}C -urea in the seminiferous tubule of the hamster.

[Pathological and embryological studies on abortion cases related to the Seveso accident].

Studies on the mode of action of beclotiamine on *Eimeria tenella*.

Uptake and metabolism of thyroid hormones by cultured monkey hepatocarcinoma cells. Effects of potassium cyanide and dinitrophenol.

[Use of *Bacillus megaterium* H. in studying the antitumor properties of new ethyleneimine derivatives of N-dichlorophosphonyliminotri-chloroacetic acid trichlorophosphopolyalkane halides and chloroanhydrides].

The influence of ethanol pretreatment on the effects of nine hepatotoxic agents.

The defined antigen substrate sphere system with direct immunohistoperoxidase for detection of soluble dengue antigen in sera of patients with dengue hemorrhagic fever.

Leukocyte surface origin of human alpha1-acid glycoprotein (orosomucoid).

Tumour-necrosis factor from the rabbit. I. Mode of action, specificity and physicochemical properties.

Isolation and characterization of glial filaments from human brain.

Pancreatic carcinogenesis and naturally occurring pancreatic neoplasms of rats and mice in the NCI carcinogenesis testing program.

Collagens synthesized in vitro by diploid fibroblasts obtained from chronically inflamed human connective tissue.

Effect of nighttime anisotropine methyl bromide of duodenal ulcer healing and pain: a double-blind controlled trial.

PH-dependent behavior of erythrocyte membrane elevations. II Occurrence in moderate acidemic and alkalemic conditions.

Medical problems raised by the TCDD contamination in Seveso, Italy.

[Occupational methylbromide poisoning].

[Results of studies on the exposure of agricultural chemists to dinitro-o-cresol (DNOC)].

Mechanism of the attenuated cardiac response to beta-adrenergic stimulation in chronic hypoxia.

Comparative bioavailability of elemental iron powders for repair of iron deficiency anemia in rats. Studies of efficacy and toxicity of carbonyl iron.

Lack of tumor-promoting ability of certain environmental chemicals in a two-stage mouse skin tumorigenesis assay.

Preliminary results of a neurological investigation of the population exposed to TCDD in the Seveso region.

The presence of an aldehyde dehydrogenase inhibitor in animal diets and its effects on the experimental results in alcohol studies.

Biological availability to the rat of intrinsic and extrinsic iron with soybean protein isolates.

Collagen polymorphism in pathologic human scars.

Nonsecreting myeloma variants with heavy-chain carbohydrate deficiencies.

Development and evaluation of a microimmunodiffusion test for detection of antibodies to pseudorabies virus in swine serum.

Large agarose beads for extracorporeal detoxification systems.

[Methyl bromide, ethylene oxide and ethylene formaldehyde: biological and toxicological problems and problems related to treatment of library materials].

Immunodiagnosis of parasitic zoonoses: comparative efficacy of three immunofluorescence tests using antigens purified by affinity chromatography.

[Contact acne: a typical civilizational dermatosis (author's transl)].

Effect of acute and chronic Cd exposure on lindane metabolism.

The interaction of caerulein with the rat pancreas. 2. Specific binding of [3H]caerulein on dispersed acinar cells.

Results of a two-year chronic toxicity and oncogenicity study of 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats.

Adriamycin and daunomycin generate reactive oxygen compounds in erythrocytes.

Interrelationship between chloride fluxes in pancreatic islets and insulin release.

Isolation of immunizing cyanogen bromide-peptides of foot-and-mouth disease virus.

Cancerostatics. III. Synthesis and some chemical transformations of 3-cyano-5(pyridyl-4.)pyrid-2-one.

Acinar distribution of liver cell regeneration after selective zonal injury in the rat.

Bone accumulation of the Tc-99m complex of carbamyl phosphate and its analogs.

Metabolism of tetrachlorophenols in the rat.

Potentialiation of toluene toxicity by hepatic enzyme inhibition in mice.

Short-term toxicity of allyl alcohol in rats.

Bile secretion and liver cell heterogeneity in the rat.

Iodothyronine metabolism in rat liver homogenates.

Cytochemical distinction between azurophils and catalase-containing granules in leukocytes. I. Studies in developing neutrophils and monocytes from patients with myeloperoxidase deficiency: comparison with peroxidase-deficient chicken heterophils.

Suspected poisoning by pentachlorophenol in sawdust.

Effect of parenteral zinc on paraquat toxicity in the rat.

Possible pentachlorophenol poisoning in cats.

[Studies on the embryotoxicity of monolinuron and buturon in NMRI-mice (author's transl)].

[Hemoperfusion with coated activated charcoal for treating acute poisoning by remedies, plant protectants, and fungi. III. Fungi (author's transl)].

[Occupational liver lesions].

Concentration levels of 2,4-D and 2,4,5-T in forensic material.

[Exposure tests in reglone spraying by aircraft].

Pulmonary reactions to drugs.

Guillain-Barré syndrome following organophosphate poisoning.

Paraquat poisoning is not necessarily fatal.

A comparison of the effects of paraquat and diquat on the water content of rat lung and the incorporation of thymidine into lung DNA.

Sensory irritation to formaldehyde and acrolein during single and repeated exposures in mice.

[Results of respiratory function analysis carried out on people exposed to herbicides in agriculture].

[Paraquat poisoning in dogs].

Investigations into the acute toxicity and some chronic effects of selected herbicides and pesticides on several fresh water fish species.

Acute toxicities of selected herbicides to fingerling channel catfish, *Ictalurus punctatus*.

[Poison information centers give advice twenty-four hours a day on acute poisoning].

Paraquat suicide in a young woman: results of therapy directed against the superoxide radical.

Epidemiology and toxicology of arsenic poisoning in domestic animals.

Acute and subchronic toxicity of 2-methyl-4-chlorophenoxyacetic acid (MCPA) in male rat. I. Light microscopy and tissue concentrations of MCPA.

[Case of fatal herbicide poisoning].

[A contribution to the pathogenesis of lethal paraquat poisoning (author's transl)].

Polybrominated biphenyls, polychlorinated biphenyls, pentachlorophenyl--and all that.

Accidental paraquat poisonings.

The apparent susceptibility of golden orfe (*Idus idus* var) to certain agricultural chemicals.

[Prevention of poisoning of animals with herbicides and arboricides].

Human urinary excretion of the herbicide 2-methyl-4-chlorophenoxyacetic acid.

[Hemoperfusion with coated activated charcoal for treating acute poisoning by remedies, plant protectants, and fungi (author's transl)].

Liver damage following paraquat in selenium-deficient and diethyl maleate-pretreated mice.

The immediate care of cases of poisoning.

[Paraquat lung (author's transl)].

[Pulmonary injury of mice produced by chronically peroral treatment with different substances (author's transl)].

Chloracne from manufacture of a new herbicide.

Herbicide risk.

[Chronic liver disease caused by long term household poisoning with pentachlorophenol].

Acute respiratory distress in the dog associated with paraquat poisoning.

Contact dermatitis and depigmentation produced by the herbicide Carbyne.

Environmental agents altering lung biochemistry.

How dangerous is sodium cacodylate?

The effect of two pesticides, Miedzian 50 and Gesagard 50, on the development of tadpoles of *Rana temporaria*.

Treatment of paraquat poisoning with the membrane oxygenator: a case report.

Prenatal effects of herbicides: evaluation by the prenatal development index.

[A case of fatal intoxication with gramoxon (author's transl)].

Paraquat toxicity and pulmonary superoxide dismutase: an enzymic deficiency of lung microsomes.

Adverse effect of a cigarette smoke component, acrolein, on pulmonary antibacterial defenses and on viral-bacterial interactions in the lung.

[Experimental substantiation of the maximum permissible concentration of Reglone in the air of a work environment].

[Acute poisonings with Gramoxone (paraquat)].

Effect of paraquat on rat lung prolyl hydroxylase.

[Dermatological views on the use of chemical substances in modern agriculture].

Acute renal complications of acute intoxications.

The radioimmunological measurement of thyroglobulin secretion in vitro under the influence of some herbicides.

Effect of 3-amino-1,2,4-triazole on carbon tetrachloride-induced necrosis.

[Trifluralin, an inhibitor of the achromatic apparatus which modifies the chromosomes].

Neural influence on experimental myotonia.

The pharmacology of experimental myopathies.

In vivo oxidation of reduced nicotinamide-adenine dinucleotide phosphate by paraquat and diquat in rat lung.

Evaluation of acute and short-term administration of 2,4,5-trichlorophenoxyacetate with respect to renal proximal tubular transport.

Mitochondrial heredity of resistance to 3-(3,4-dichlorophenyl)-1,1-dimethylurea, an inhibitor of cytochrome b oxidation, in *Saccharomyces cerevisiae*.

Effects of pyrazole and 3-amino-1,2,4-triazole on the metabolism and toxicity of dimethylnitrosamine in the rat.

The effect of some pesticides on the rhythmic activity of adductor muscle of fresh-water mussel larvae.

[Folic acid and pregnancy, a real problem?].

At what age does iron supplementation become necessary in low-birth-weight infants?

1,1-Dichloroethylene hepatotoxicity: proposed mechanism of action and distribution and binding of ¹⁴C radioactivity following inhalation exposure in rats.

Neurochemical effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in Wistar and Gunn rats.

The role of phosphate in the action of vitamin D on the intestine.

Impairment of thymus-dependent immune functions by exposure of the developing immune system to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

D-penicillamine therapy of acute arsenic poisoning.

Therapeutic trials in muscular dystrophy: II. Ethylene and its derivatives.

[Iron therapy and hemoglobin regeneration in pregnancy anemias and postpartum anemias (author's transl)].

Dioxin: a new biological probe?

Methyl bromide intoxication: neurologic features, including simulation of Reye syndrome.

Morphological changes in monkeys consuming a diet containing low levels of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Bromide intoxication of horses, goats, and cattle.

Expression of protein HC on the plasma membrane of different human cell types.

Spectral and metabolic characteristics of mitochondrial fractions from rotenone-induced tumours.

Effects in the mouse and rat of prenatal exposure to arsenic.

War stress and civilian Vietnamese. A study of psychological effects.

Effects of dioxin exposure.

Poisoning by cresol.

[Some additional facts about thymus (author's transl)].

[Therapy of chronic apical periodontitis in traumatically injuring front teeth with ongoing root growth].

Effects on interferon of heavy metal excess and zinc deficiency.

[Lesch-Nyhan syndrome. Report of a case].

Accelerated degradation of acetylcholine receptor from cultured rat myotubes with myasthenia gravis sera and globulins.

[Copper and nervous system. An experimental study (author's transl)].

The value of enzyme histochemical techniques in the classification of fibre types of human skeletal muscle. 2. The histochemical demonstration of myosin adenosine triphosphatase in skeletal muscles from adult patients with or with no diseases of the neuromuscular system. A comparison between results obtained by calcium salt and lead salt techniques.

[Use of cysteine in treatment of acute intoxication with methyl bromide].

[Treatment of anemia in pregnancy].

Intoxication of cattle with sodium bromide-contaminated feed.

The amino acid sequence of duck amyloid A (AA) protein.

Epidemiology and pathology of a tetrachlorodibenzodioxin poisoning episode.

Studies of the elderly in Boston. I. The effects of iron fortification on moderately anemic people.

Effector cell stimulation-inhibition of in vitro lymphoma cell DNA synthesis and correlation with in vivo antitumor response.

A cytological study of Heinz body-hemolytic anemia. Report of a case of sodium chlorate poisoning complicated by methemoglobinemia and acute renal failure.

Induction of neutralizing antibodies and immunity in vaccinated guinea pigs by cyanogen bromide-peptides of VP3 of foot-and-mouth disease virus.

The occurrence of collagen type II in bronchogenic carcinoma.

Preventive effect of selenium, methionine and antioxidants against encephalomalacia of chicks induced by dilauryl succinate.

The effects of d-amphetamine and temperature on p-cresol and pentylenetetrazol induced convulsions.

Structure and biological functions of human IgD. XIV. The development of a solid-phase radioimmunoassay for the quantitation of IgD in human sera and secretions.

Veterinary toxicology: the epidemiology of poisonings in domestic animals.

Changes in integrated vagal afferent activity induced by model lung diseases in rats.

Immunological assay for a carboxyterminal peptide of the fibrinogen alpha-chain in normal and pathological human sera.

[Effect of maintaining the grassfrog sartorius muscle in a 0.002 M solution of alpha-dinitrophenol on its sensitivity to a 0.004 M solution of that substance].

Polarity of Production of Polyphenols and Development of Various Enzyme Activities in Cut-injured Sweet Potato Root Tissue.

Mutagenic effectiveness and efficiency of sodium azide versus ethyl methanesulfonate in maize: induction of somatic mutations at the yg2 locus by treatment of seeds differing in metabolic state and cell population.

Nitric oxide activates guanylate cyclase and increases guanosine 3':5'-cyclic monophosphate levels in various tissue preparations.

[Acute fatal ioxynil intoxication (author's transl)].

[Characteristics of hepatocytes containing alpha-fetoprotein in regenerating mouse liver].

Stimulation of neutral amino acid transport by fructose in epithelial cells isolated from rat intestine.

Actions of insulin in fat cells. Effects of low temperature, uncouplers of oxidative phosphorylation, and respiratory inhibitors.

The effect of organophosphorus compounds on respiration by rat liver mitochondria.

The role of metabolic energy in the lethal action of basic proteins on *Candida albicans*.

Energy-linked potassium uptake by mitochondria from wild-type and poky strains of *Neurospora crassa*.

Innocuity and toxicity testing of non-viral components of foot-and-mouth disease vaccines.

Normal newborn and adult human lung collagen--analysis of types.

Experience with hemoperfusion in drug abuse.

The acute toxicity of four herbicides to 0-4 hour nauplii of *Cyclops vernalis* Fisher (Copepoda, Cyclopoida).

Acute phase proteins and pesticide exposure.

[Embryotropic effect of dissociation products of herbicides based on 2,4-dichlorophenoxyacetic acid].

Studies on the mechanism of renal transport depression caused by pretreatment with 2,4,5-trichlorophenoxyacetate.

[Various types of poisoning by chemical compounds used in agriculture and forestry].

Hypoxic protection in paraquat poisoning.

[Acute toxicity of 5 pollutants on 4 fresh-water invertebrate species].

Paraquat poisoning: new aspects of therapy.

Tumorigenic effect of 3-amino-1H-1,2,4-triazole on rat thyroid.

Herbicidins A and B, two new antibiotics with herbicidal activity. I. Producing organism and biological activities.

Paraquat toxicity: proposed mechanism of action involving lipid peroxidation.

[Diquat-dibromide (Reglone) poisoning treated with hemodialysis].

Strain differences in histopathologic, hematologic, and blood chemistry changes induced in mice by a technical and a purified preparation of 2,4,5-trichlorophenoxyacetic acid.

[Acute carbofion poisoning].

[Chloracne, porphyria cutanea tarda, and other poisonings due to the herbicides].

A deadly cure for lice - a case of paraquat poisoning.

Paraquat revisited.

Herbicide poisoning in a dog.

[Diffuse interstitial pneumopathy caused by paraquat poisoning].

Studies on the mechanism of potentiation of the acute toxicity of 2,4-D n-butyl ester and 2',5-dichloro-4'-nitrosalicylanilide in rainbow trout by carbaryl.

Paraquat poisoning in a dog and cat.

[Acute toxicity of monolinuron in rats, laying hens and chicks].

Mortality in 1969 from pesticides, including aerosols.

[Air pollution and irritations due to cigarette smoke].

The increasing use of paraquat as a suicidal agent.

Effect of paraquat-induced lung damage on permeability of rat lung to drugs.

Pesticide levels of patients on chronic hemodialysis.

Electrophoretic pattern of red blood cell catechol-o-methyltransferase in schizophrenia and manic-depressive illness.

[Myotonia].

Metabolism of [1-(14)C] and [2-(14)C] leucine in cultured skin fibroblasts from patients with isovaleric acidemia. Characterization of metabolic defects.

Perinatal nephropathies.

Effects of selected herbicides and plant hormones on *Prototheca wickerhamii*.

Sequential histopathologic, hematologic, and blood chemistry changes induced in mice by a technical and a purified preparation of 2,4,5-trichlorophenoxyacetic acid.

Biochemical pathology of lung damage produced by chemicals.

Dominant lethal studies with paraquat and diquat in male CD-1 mice.

[The metabolic interactions between *Paramecium bursaria* Ehrbg. and *Chlorella spec.* in the *Paramecium bursaria*-symbiosis. I. The nitrogen and the carbon metabolism (author's transl)].

In vitro uptake of organic ions by renal cortical tissue of rats treated acutely with 2,4,5-trichlorophenoxyacetic acid.

A study of the inhalation of pentachlorophenol by rats. Part II. A new inhalation exposure system for high doses in short exposure time.

The production of urinary phenols by gut bacteria and their possible role in the causation of large bowel cancer.

A prophylactic trial of iron and folic acid supplements in pregnant Burmese women.

Ulceration by oral ferrous sulfate.

Human lymphocyte motility: normal characteristics and anomalous behavior of chronic lymphocytic leukemia cells.

An ultramicroscopic study on rigor mortis.

Sheep erythrocytes binding ability on a mouse renal adenocarcinoma cell line and its hybrid with human lymphocytes.

The effects of iron deficiency on the respiratory function and cytochrome content of rat heart mitochondria.

Relationship between acute and chronic exposures in mutagenicity studies in mice.

[The effect of 2,4-dinitrophenol, monoiodine acetate, sodium fluoride and hypoxia on the formation of plasma polyps in the placenta of guinea pigs (author's transl)].

[Control of sarcoptidosis in swine].

Biochemical characterization of collagens synthesized by fibroblasts derived from normal and diseased human gingiva.

[High incidence of lung cancer in persons with chronic professional exposure to pesticides in agriculture (author's transl)].

[On the chloranilic acid reaction (RAC) proposed by Closs (author's transl)].

[Use of calcium cyanamide on the pasture-grounds for control of gastrointestinal worms in cattle - results of a 4-year field experiment].

Studies on the modification of renal lesions due to aspirin and oxyphenbutazone in the rat and the effects on the kidney of 2:4 dinitrophenol.

Neuromuscular disorder associated with a defect in mitochondrial energy supply.

NH₂-terminal extensions on skin collagen from sheep with a genetic defect in conversion of procollagen into collagen.

[Study by gel electrophoresis, of alpha chains and of CNBr peptides of collagen from epiphyseal cartilage in chondrodysplasia].

[Determining hypersensitivity to antigens by computing cells migrating from capillary tubes].

Collagen polymorphism in idiopathic chronic pulmonary fibrosis.

Effect of hypothyroidism on responsiveness to beta-adrenergic stimulation.

Effects of anoxia and metabolic inhibitors on reaction of the fast sodium system.

[Pharmacological studies on basic ethers (R111 and R97) with antispasmodic activity].

From fentichlor sensitivity to actinic reticuloid?

[Effect of hypoxia on mitochondrial stability].

Structural studies on a glycoprotein isolated from alveoli of patients with alveolar proteinosis.

N- and C-terminal amino acid sequences of a gamma-heavy chain disease protein YOK.

Luft's disease. Further biochemical and ultrastructural studies of skeletal muscle in the second case.

Sugar as a vehicle for iron fortification.

Erythropoietic response of anemic rats to enriched white bread and bread ash.

Specific radioimmunochemical identification and quantitation of hemoglobins A₂ and F.

[Tardyferon-depot in the treatment of iron deficiency anemia].

[Influence of uncoupling agents on the capacity of transaminase in kidney and pancreas].

Hematologic abnormalities following gastric resection.

Value of urinary simple phenol and indican determinations in the diagnosis of the stagnant loop syndrome.

Toxicity of methyl bromide and other gaseous insecticides to *Triatoma infestans*.

Elastin structure in health and disease.

Ammonium uptake and metabolism by nitrogen fixing bacteria. II. *Klebsiella pneumoniae*.

Toxicity of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in larval and adult forms of *Rana catesbeiana*.

Nuclear stains with soluble metachrome metal mordant dye lakes. The effect of chemical endgroup blocking reactions and the artificial introduction of acid groups into tissues.

Biochemical changes after hepatic injury by allyl alcohol and N-hydroxy-2-acetylaminofluorene.

CYTOTOXIC EFFECTS OF THE HERBICIDE 3-AMINO-1,2,4-TRIAZOLE ON *DAPHNIA PULEX* (CRUSTACEA:CLADOCERA).

Mechanisms of methylene blue stimulation of the hexose monophosphate shunt in erythrocytes.

Homocysteine thiolactone metabolism in malignant cells.

The effect of catecholamines on the influx of calcium and the development of tension in denervated mouse diaphragm muscle.

Stereospecific, high affinity binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin by hepatic cytosol. Evidence that the binding species is receptor for induction of aryl hydrocarbon hydroxylase.

Characteristics of acetaldehyde oxidation in rat liver mitochondria.

Irritant dermatitis from diallylglycol carbonate monomer in the optical industry: clinical and experimental studies of cutaneous tolerance and chemical investigations.

Metabolic requirements for interactions between nuclear and cytoplasmic membranes in the repair of damaged *Amoeba* nuclei.

Gastrointestinal effects of acute ferrous sulfate poisoning in rats.

Studies on phosphate transport in *Escherichia coli*. II. Effects of metabolic inhibitors and divalent cations.

Redistribution of the Fc receptor on human blood monocytes and peritoneal macrophages induced by immunoglobulin G-sensitized erythrocytes.

Mechanism of injury of virus-infected cells by antiviral antibody and complement: participation of IgG, F(ab')₂, and the alternative complement pathway.

Histamine release by exocytosis from rat mast cells on reduction of extracellular sodium: a secretory response inhibited by calcium, strontium, barium or magnesium.

Accidental poisoning with psychotropic drugs in children.

Increased alpha1-fetoprotein production in rat liver injuries induced by various hepatotoxins.

Inhibitory effects of scillaren and dinitrophenol on bilirubin excretion by the isolated perfused rat liver.

Methods to assess reproductive effects of environmental chemicals: studies of cadmium and boron administered orally.

Lung collagen heterogeneity. Synthesis of type I and type III collagen by rabbit and human lung cells in culture.

L-alanine accumulation in isolated tubuli from rat kidney cortex.

[Effect of some preservatives on pregnancy and fetal development in experimental animals].

Skin disorders caused by herbicides sodium chlorate and sodium 2,2-dichloropropionate.

Far-advanced pulmonary interstitial disease with normal findings on a chest radiograph.

Clinical toxicities of dogs.

Clinical toxicities of domestic and wild caged birds.

Nephrotoxicity of paraquat in mice.

Potential of the acute toxicity of several pesticides and herbicides in trout by carbaryl.

Postnatal toxicity of chronically administered paraquat in mice and interactions with oxygen and bromobenzene.

Fetal toxicity and distribution of paraquat and diquat in mice and rats.

The acute toxicity of MSMA to black bass (*Micropterus dolomieu*), crayfish (*Procambarus* sp.) and channel catfish (*Ictalurus lacustris*).

Acute toxicity of the insecticides toxaphene and carbaryl and the herbicides propanil and molinate to four species of aquatic organisms.

Pulmonary interstitial fibrosis from paraquat in the hamster.

Editorial: Benzene rings and the bladder.

[Paraquat : embryonic mortality and effects on pulmonary apparatus of chick and quail embryos].

Acute toxicity of lomex--a petroleum weedicide.

[Clinical and laboratory findings in the acute damage by precursors of the weed-killer "burex" (author's transl)].

[Ultrastructural study of a renal biopsy in a patient poisoned by paraquat].

Lipid peroxidation: a possible mechanism for paraquat toxicity.

Metabolism of 2,4-dichlorophenoxyacetic acid. VII. Comparison of metabolites from five species of plant tissue cultures.

[Treatment of dermatoses caused by pesticides].

Eye hazards in rural communities.

Letter: A case of dog poisoning.

[Glutathione peroxidase activity of the blood in triallate poisoning of animals].

[Fatal gramoxone poisoning].

[Various physiological and biochemical peculiarities in selective phytotoxicity of triazines in viran infection].

Hypertension in Oregon pesticide-formulating workers.

[Resuscitation in 1975].

Effect of asulam in wildlife species acute toxicity to birds and fish.

[Action of the herbicide Ramrod on the embryogenesis of white rats].

[Cumulative action of Gramoxone and Reglone].

Reversible vacuolar changes in the rat pancreatic acinar cells induced by tebuthiuron.

[Toxicology of herbicides. I. Study of lungs in rats chronically poisoned with herbicides (Simazin)].

The dynamics of diquat in a model eco-system.

[The gonadotoxic action of pesticides derived from thiocarbamic acid].

[Acute toxic liver lesion through industrial noxious substances and drugs in higher than therapeutic doses].

The pathology of the lung in paraquat poisoning.

Lung function in acute paraquat intoxication.

Short-term oral and dermal toxicity of MCPA and MCPP.

Exposure and contamination of the air and employees of a pentachlorophenol plant, Idaho--1972.

[Experimental model of pulmonary fibrosis in the rat using paraquat injection].

Metabolism of formate in the rat.

Exposure to the herbicide, paraquat.

Pulmonary effects of paraquat in the first day after injection.

Proceedings: Experimental lung disease : effects of general anaesthesia.

Experimental myopathies and muscular dystrophy. Studies in the formal pathogenesis of the myopathy of 2,4-dichlorophenoxyacetate.

Effect of chronic alcohol consumption on ethanol and acetaldehyde metabolism.

Electron paramagnetic resonance spectra of catalase in mammalian tissues.

Fixation of foetal pig liver for electron microscopy. I. The effect of various aldehyds and of delayed fixation.

[Action of a herbicide (paraquat) on hepatocytes in histiotypic culture].

Antidotes protect corn from thiocarbamate herbicide injury.

Toxicological implications of pesticides: their toxic effects on seeds of food plants.

Increased susceptibility to bacterial infection as a sequela of exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Pathological changes in the liver of mice given 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Experimental mitochondrial myopathy produced by in vivo uncoupling of oxidative phosphorylation.

Influence of IgG antibody and glycopeptide allergens on the correlation between the radioallergosorbent test (RAST) and skin testing or bronchial challenge with alternaria.

Characterization of alpha1-antitrypsin in the inclusion bodies from the liver in alpha 1-antitrypsin deficiency.

The use and regeneration of type-O canisters for protection against methyl bromide.

The detection by immunodiffusion of tumour associated antigenic components in extracts of human bronchogenic carcinoma.

Association between bladder tumors and chronic exposure to cresol and creosote.

Control of ovine lupinosis: experiments on the use of fungicides.

Fatal self-administration of sodium azide.

Use of cationic disc electrophoresis near neutral pH in the evaluation of trace proteins in human plasma.

Energy requirements for the uptake of L-leucine by *Saccharomyces cerevisiae*.

[Methyl bromide poisoning. 3 cases, 1 fatal. Neruopathological study of one case of coma with myoclonus followed for 5 years].

Detection of circulating antigen in acute experimental infections with *Toxoplasma gondii*.

Mitochondrial changes, ion and water shifts in the cellular injury of ehrlich ascites tumor cells.

Angiosarcoma of the liver associated with Fowler's solution (potassium arsenite).

A histochemical study of the liver lesion induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (dioxin) in rats.

Tetrachlorodibenzodioxin: an accidental poisoning episode in horse arenas.

[Stenosis of the main left bronchus after inhalation of a drug with ferrous sulfate base].

[Microbiological findings in dental root canal, treated with indextol in a case of chronic periodontitis granulomatosa progressiva exacerbata].

[Peroxidase activity of neutrophil granules in two cases of congenital myeloperoxidase deficiency].

Methyl iodide intoxication. A case report.

A chemosterilized antigen-extracted autodigested alloimplant for bone banks.

Patients with Ehlers-Danlos syndrome type IV lack type III collagen.

[Treatment of iron deficiency with orally administered delayed-action ferrous sulfate and mucoprotease].

Allergic encephalomyelitis. Isolation of an encephalitogenic peptide active in the monkey.

A model of age-dependent tissue calcification based on 2,4-Dinitrophenol induced deposition of calcium in earcartilage.

[Obnubilatory-hallucinatory syndrome during poisoning with phenylmercury acetate (mordant dye R)].

The ionic control of 1,25-dihydroxyvitamin D₃ synthesis in isolated chick renal mitochondria. The role of calcium as influenced by inorganic phosphate and hydrogen-ion.

The fungicidal mechanisms of human monocytes. I. Evidence for myeloperoxidase-linked and myeloperoxidase-independent candidacidal mechanisms.

Toxic effects of 2,3,7,8 tetrachlorodibenzo 1,4 dioxin in laboratory workers.

Iron poisoning in children.

Effect of beta adrenergic blockade on surviving to acute hypoxia in mice.

Impairment of mitochondrial function following reperfusion of acutely ischemic myocardium.

Cardiac metabolism and electromechanics of human heart.

Osmotic thirst suppression during 2,4-dinitrophenol (DNP) hyperthermia in the dog.

Asthma in the highlands of New Guinea Total IgE levels and incidence of IgE antibodies to house dust mite and *Ascaris lumbricoides*.

[Utilization of luminescent monospecific sera against human immunoglobulins G, A and M for diagnostic purposes].

Drug-induced dyskinesia in monkeys.

Solubility of fibrin clots in monochloroacetic acid. A reflection of serum pepsinogen levels.

Rate-limiting steps in ethanol metabolism and approaches to changing these rates biochemically.

Role of mitochondrial calcium transport in failing heart.

Liver biopsy in methotrexate-treated psoriatics—a re-evaluation.

Antigen-induced inhibition of experimental allergic encephalomyelitis. III. Localization of an inhibitory site distinct from the major encephalitogenic determinant of myelin basic protein.

Biosynthesis of basement membrane collagen in cultures of renal glomerular and tubular epithelial cells.

The biological fate in rats of vinyl chloride in relation to its oncogenicity.

Amino acid sequence studies on the alpha chain of human fibrinogen. Location of four plasmin attack points and a covalent cross-linking site.

Polar appearance and nonligand induced spreading of measles virus hemagglutinin at the surface of chronically infected cells.

Food poisoning--four unusual episodes.

Leucine transport in *Escherichia coli*. The resolution of multiple transport systems and their coupling to metabolic energy.

Mitochondria and polarity in the egg of *Smittia spec.* (Diptera, Chironomidae): UV irradiation, respiration measurements, ATP determination and application of inhibitors.

[Catecholamine content and electrolyte balance of the rabbit myocardium during poisoning with 2,4-dinitrophenol].

Clinico-pathological observations on paramonochlorophenol compounds in endodontics. Part 2. Result of application to the wound after vital pulpectomy.

Effects of chronic ethanol treatment and thyroxine administration on ethanol metabolism and liver oxidative capacity.

Hormonal influences in the development of the hypermetabolic state of the liver produced by chronic administration of ethanol.

A household remedy misused--fatal cresol poisoning following cutaneous absorption (a case report).

Cardiac effects of sodium selenite.

Proceedings: The hepatotoxic effect of ethanol after pretreatment with carbon tetrachloride, allyl alcohol, or D-galactosamine.

[Pulmonary edema due to inhalation of gas and vapors].

Letter: 2,4-D toxicity in dairy cattle.

[Paraquat intoxication and isolated aplastic anaemia (author's transl)].

Paraquat lung: a reappraisal.

[Clinical and histopathological study on paraquat poisoning].

[Leukonychia in bands due to paraquat].

The pathogenesis and structure of paraquat-induced pulmonary fibrosis in rats.

[Syndrome of ophthalmological manifestations caused by a generalized intoxication with defoliant and herbicides].

Letter: Nail damage caused by weed killers and insecticides.

Treatment of experimental mammary adenocarcinoma with herbicides.

Fatal pulmonary intra-alveolar fibrosis after paraquat ingestion.

[Alveolitis and pulmonary fibrosis--an attempt at a synopsis].

[The pathology of various chronic fibrotic lung diseases (with particular regard to clinical cases)].

[Exposure to herbicides--mortality and tumor incidence. An epidemiologic investigation of Swedish railroad workers].

2,4-Dichlorophenyl-p-nitrophenyl ether (TOK): effects on the lung maturation of rat fetus.

The susceptibility of the fetus and chills to chemical pollutants. Industrial and agricultural chemicals.

[Massive paraquat poisoning, fatal within 24 hours. Toxicologic and anatomo-clinical data].

Studies on the mechanism of the lung toxicity of paraquat: comparison of tissue distribution and some biochemical parameters in rats and rabbits.

Studies on the pathological biochemistry of lung parenchyma in acute paraquat poisoning.

Toxic effects of the herbicide paraquat.

[Clinical and pathologic-anatomical findings in paraquat-poisoning].

[Amide preparations with herbicidal activity. Experimental findings concerning the acute oral toxicity of propachlor (ramrod)].

[Toxicity and nutritional effects, in the rat, of 2 herbicides: picloram (4-amino-3,5,6-trichloropicolinic acid) and atrazine (2-chloro-4-ethylamino-6-isopropylamino-S-triazine)].

Herbicide exposure, mortality and tumor incidence. An epidemiological investigation on Swedish railroad workers.

[Amide preparations with herbicide action. Experimental data on the acute oral toxicity of propachlorine (ramrod)].

Proceedings: The pattern of breathing in the rat.

Assessment of the mutagenic properties of diquat and paraquat in the murine dominant lethal test.

[Some general biological aspects of tumor formation. II. The role of flavin compounds].

The effect of purified and commercial grade pentachlorophenol on rat embryonal and fetal development.

Two patterns for bronchial damage from inhaled materials.

Prevention of acute pulmonary insufficiency by eriodictyol.

Review of studies on environmental tobacco smoke.

Metabolism of pentachlorophenol.

Effect of sub-lethal doses of molluscicides on the susceptibility of *Bulinus truncatus* snails to infection with *Schistosoma haematobium*.

Gene manipulation: progress and prospects.

[Action of the Paraquat on the uro-genital tract of chick and quail embryos].

Proceedings: Investigations on the embryotoxic effect of 2,4,5-T in NMRI-mice.

[Inductive action of linuron and chlortoluron in short-term chronic experiments on young rats].

Freeze-fracture studies of photosynthetically deficient "supergranal" chloroplasts in tissue cultures containing virus-like particles.

[Effect of linuron and chlortoluron in short-term chronic experiment on young rats on the hexobarbital metabolism and activity of some liver enzymes].

[Influence of chronic acidification on the development of light and electron microscopy changes of myocardial cells after administration of 2,4-dinitrophenol].

Fumigation with methyl bromide of poultry foods artificially contaminated with salmonella.

X-accumulation of labelled aminotriazole in some transplanted tumours in mice.

Identity of the Fc fragments of pathological and normal human immunoglobulin M.

Fowler's solution for treatment of recurrent intraurethral condyloma acuminata.

Electroencephalography during acute poisoning by methyl bromide.

[Evaluation of the state of the oral mucosa in workers employed in production of herbicides, insecticides and fungicides].

Removing substances from blood by affinity chromatography. I. Removing bilirubin and other albumin-bound substances from plasma and blood with albumin-conjugated agarose beads.

A morphological study of the liver lesion induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats.

p-Cresol: cause of ink-induced hair depigmentation in mice.

Cell reactivity towards syngeneic neoplastic cells in mice hypersensitized to dinitrophenol.

Effect of sodium azide upon normal and pathological granulocyte function.

Immunoabsorbent chromatography of hypoxanthine-guanine phosphoribosyltransferase.

Suppression of cellular immunity in rats and mice by maternal treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Evidence for a common synthetic origin for secretory and serum IgA.

Liver biopsy in psoriatics previously treated with potassium arsenite. A controlled study.

Transport of rubidium and sodium in pancreatic islets.

Pseudomonas putida mutants defective in the metabolism of the products of meta fission of catechol and its methyl analogues.

Dynamics of functional and ultrastructural changes in the liver cells during the development of allyl alcohol necrosis.

Development of a selective enterococcus medium based on manganese ion deficiency, sodium azide, and alkaline pH.

Lung collagen heterogeneity.

[Thin layer electrophoretic determination of biogenic amines in fishes and fish products in connection with food poisoning].

Glycoprotein biosynthesis by the guinea pig liver in chronic 4,6-dinitro-o-cresol poisoning.

Table 2A-17 – Titles of Pubmed Records Related to Allergy Adverse Events Following Herbicide Exposure

ALLERG; *ANAPHYL*; *CELIAC*; *MASTOCYTOSIS*; *ANGIOEDEMA*; *HISTAMINE*; *URTICARIA* (793)
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Degradation study of the trans-cinnamaldehyde and limonene biopesticides and their metabolites in cucumber by GC and UHPLC-HRMS: Laboratory and greenhouse studies.

Vitellin/Vitellogenin Is an Important Allergen in German Cockroach.

Safety Assessment of the CP4 EPSPS and NPTII Proteins in Eucalyptus.

Allergic contact dermatitis caused by herbicide containing glyphosate-isopropylamine salt.

Suppressor of cytokine signaling 3-derived peptide as a therapeutic for inflammatory and oxidative stress-induced damage to the retina.

CKBA suppresses mast cell activation via ERK signaling pathway in murine atopic dermatitis.

4,4'-Thiobis(2-tert-butyl-5-methylphenol), an antioxidant in medical devices that may cause allergic contact dermatitis.

DPP4 Inhibitor Sitagliptin Reduces Inflammatory Responses and Mast Cell Activation in Allergic Rhinitis.

Indoor metabolites and chemicals outperform microbiome in classifying childhood asthma and allergic rhinitis.

A critical review on environmental risk and toxic hazards of refractory pollutants discharged in chlorolignin waste of pulp and paper mills and their remediation approaches for environmental safety.

Protective effects of *Acetobacter ghanensis* against gliadin toxicity in intestinal epithelial cells with immunoregulatory and gluten-digestive properties.

Changes of Gut Microbiome in Adolescent Patients with Chronic Spontaneous Urticaria After Omalizumab Treatment.

Mulberry leaf extract improves intestinal barrier function and displays beneficial effects on colonic microbiota and microbial metabolism in weaned piglets.

Glyphosate differentially affects the allergic immune response across generations in mice.

Neurotoxicological Profiling of Paraquat in Zebrafish Model.

The immediate patch test reaction to fragrance in patients with allergic contact dermatitis to fragrance: A prospective study.

Lab meets field: Accelerated selection and field monitoring concur that non-target-site-based resistance evolves first in the dicotyledonous, allergenic weed *Ambrosia artemisiifolia*.

Contact allergy to the Dexcom G6 glucose monitoring system-Role of 2,2'-methylenebis(6-tert-butyl-4-methylphenol) monoacrylate in the new adhesive.

Nano-silica particles synergistically IgE-mediated mast cell activation exacerbating allergic inflammation in mice.

Further Evidence of Allergic Contact Dermatitis Caused by 2,2'-Methylenebis(6-tert-Butyl-4-Methylphenol) Monoacrylate, a New Sensitizer in the Dexcom G6 Glucose Sensor.

Flavoring agent dihydrocoumarin alleviates IgE-mediated mast cell activation and allergic inflammation.

False-negative chemicals in ESR-based photosafety test (ESR-PT) and their significance for photosafety evaluations: examples of bithionol, fenticlor and cilnidipine.

The environmental pollutant 3-methyl-4-nitrophenol reduces the regulatory T cells in the intestine.

Suspected gut barrier disruptors and development of food allergy: Adjuvant effects and early immune responses.

Allergic and non-allergic wheeze among farm women in the Agricultural Health Study (2005-2010).

Microbiome profiling of nasal extracellular vesicles in patients with allergic rhinitis.

Functional and Allergenic Properties Assessment of Conalbumin (Ovotransferrin) after Oxidation.

Daily versus every other day oral iron supplementation in patients with iron deficiency anemia (DEODO): study protocol for a phase 3 multicentered, pragmatic, open-label, pilot randomized controlled trial.

Plant-Derived Molecule 4-Methylumbelliferone Suppresses Fc ϵ RI-Mediated Mast Cell Activation and Allergic Inflammation.

Contact allergy to fragrance mix I and its components in individuals with photocontact allergy to ketoprofen.

Subchronic exposure to a glyphosate-based herbicide causes dysplasia in the digestive tract of Wistar rats.

CD34+ derived macrophage and dendritic cells display differential responses to paraquat.

Evaluation of the potential teratogenic and toxic effect of the herbicide 2,4-D (DMA[®] 806) in bullfrog embryos and tadpoles (*Lithobates catesbeianus*).

Fragrance- and Botanical-Related Allergy and Associated Concomitant Reactions: A Retrospective Analysis of the North American Contact Dermatitis Group Data 2007-2016.

[A case of allergic cutaneous vasculitis caused by glyphosate].

Assessment of the different skin sensitization potentials of irritants and allergens as single substances and in combination using the KeratinoSens assay.

Development of Multiplex PCR Coupled DNA Chip Technology for Assessment of Endogenous and Exogenous Allergens in GM Soybean.

Chemical constituents and medicinal properties of *Allium* species.

Bikini textile contact dermatitis: A Sherlockian approach revealing 2,4-dichlorophenol as a potential textile contact allergen.

Iron preparations for women of reproductive age with iron deficiency anaemia in pregnancy (FRIDA): a systematic review and network meta-analysis.

[Aryl hydrocarbon receptor modulates airway inflammation in mice with cockroach allergen-induced asthma by regulating Th17/Treg differentiation].

Benzo(a)pyrene Enhanced Dermatophagoides Group 1 (Der f 1)-Induced TGF β 1 Signaling Activation Through the Aryl Hydrocarbon Receptor-RhoA Axis in Asthma.

Ephedra Herb, Mao, Inhibits Antigen-Induced Mast Cell Degranulation by Induction of the Affinity Receptor for IgE Internalization.

Microbial metabolism of L-tyrosine protects against allergic airway inflammation.

The conformational structural change of β -lactoglobulin via acrolein treatment reduced the allergenicity.

Reducing the Allergenicity of β -Lactalbumin after Lipid Peroxidation.

2,4-Dichlorophenoxyacetic Acid Poisoning Mimicking as Organophosphorus Poisoning.

Is Gluten the Only Culprit for Non-Celiac Gluten/Wheat Sensitivity?

Evaluation of buccal damage associated with acute inhalation exposure to 2,4-dichlorophenoxyacetic acid (2,4-D) in mice.

An integrated transcriptomic- and proteomic-based approach to evaluate the human skin sensitization potential of glyphosate and its commercial agrochemical formulations.

Chronic pesticide mixture exposure including paraquat and respiratory outcomes among Colombian farmers.

Evaluation of antifungal activity of cinnamaldehyde against *Cryptococcus neoformans* var. *grubii*.

Anti-Allergic Potential of Cinnamaldehyde via the Inhibitory Effect of Histidine Decarboxylase (HDC) Producing *Klebsiella pneumoniae*.

Cinnamon extract inhibits allergen-specific immune responses in human and murine allergy models.

Transient receptor potential ankyrin-1 causes rapid bronchodilation via nonepithelial PGE₂.

Efficacy of a High-Iron Dietary Intervention in Women with Celiac Disease and Iron Deficiency without Anemia: A Clinical Trial.

Eckol from *Ecklonia cava* Suppresses Immunoglobulin E-mediated Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice.

Alcohol-Related Dermatitis: A Review.

Allergy to metacresol in a type 2 diabetes patient.

Streptococcal H₂O₂ inhibits IgE-triggered degranulation of RBL-2H3 mast cell/basophil cell line by inducing cell death.

Genetically modified crops: current status and future prospects.

Skin application of glutathione and iron sulfate can inhibit elicitation of allergic contact dermatitis from hexavalent chromium.

Contact sensitization to cosmetic series of allergens in patients with rosacea: A prospective controlled study.

The Metabolomics of Childhood Atopic Diseases: A Comprehensive Pathway-Specific Review.

Separating the Empirical Wheat From the Pseudoscientific Chaff: A Critical Review of the Literature Surrounding Glyphosate, Dysbiosis and Wheat-Sensitivity.

Not All Fun and Games: A Case Report of Contact Dermatitis Related to Slime and Play-Doh.

A role of heparan sulphate proteoglycan in the cellular uptake of lipocalins α_2 -lactoglobulin and allergen Fel d 4.

Uroprotective mechanisms of natural products against cyclophosphamide-induced urinary bladder toxicity: A comprehensive review.

Factors adversely influencing neurodevelopment.

"Pink Sign": The Importance of Short-Term Occlusive Testing in Suspected Cases of Contact Urticaria.

Claudins, VEGF, Nrf2, Keap1, and Nonspecific Airway Hyper-Responsivity Are Increased in Mice Co-Exposed to Allergen and Acrolein.

Extracorporeal treatment in children with acute severe poisoning.

Food as medicine: Selenium enriched lentils offer relief against chronic arsenic poisoning in Bangladesh.

CDK4/6 inhibitor palbociclib suppresses IgE-mediated mast cell activation.

Fecal Changes Following Introduction of Milk in Infants With Outgrowing Non-IgE Cow's Milk Protein Allergy Are Influenced by Previous Consumption of the Probiotic LGG.

Allergic contact dermatitis caused by isopropyl methylphenol, a new hapten.

Slime dermatitis.

3-Methyl-4-nitrophenol triggers nasal allergy by modulating dendritic cell properties.

Exposure to 3-methyl-4-nitrophenol facilitates development of intestinal allergy.

Allergic contact dermatitis to slime: The epidemic of isothiazolinone allergy encompasses school glue.

Novel metabolites from *Trichoderma atroviride* against human prostate cancer cells and their inhibitory effect on *Helicobacter pylori* and Shigella toxin producing *Escherichia coli*.

Immunomodulatory effects of synthetic endocrine disrupting chemicals on the development and functions of human immune cells.

Study of the Potential Endocrine-Disrupting Effects of Phenylurea Compounds on Neurohypophysis Cells In Vitro.

TRPA1 Channel as a Regulator of Neurogenic Inflammation and Pain: Structure, Function, Role in Pathophysiology, and Therapeutic Potential of Ligands.

Characterization and safety evaluation of HPPD W336, a modified 4-hydroxyphenylpyruvate dioxygenase protein, and the impact of its expression on plant metabolism in herbicide-tolerant MST-FG \tilde{A} 72-2 soybean.

Allergenicity of acrolein-treated shrimp tropomyosin evaluated using RBL-2H3 cell and mouse model.

On the metabolites produced by *Colletotrichum gloeosporioides* a fungus proposed for the *Ambrosia artemisiifolia* biocontrol; spectroscopic data and absolute configuration assignment of colletochlorin A.

Chronic adriamycin treatment impairs CGRP-mediated functions of meningeal sensory nerves.

Pesticide contact dermatitis in agricultural workers of Himachal Pradesh (India).

Sucrosomial Iron Supplementation in Anemic Patients with Celiac Disease Not Tolerating Oral Ferrous Sulfate: A Prospective Study.

Prenatal exposure to TCDD and atopic conditions in the Seveso second generation: a prospective cohort study.

Pesticide use, allergic rhinitis, and asthma among US farm operators.

[Importance of Two Birth Cohorts (n=20,926 and n=514): 15 Years' Experience of the Hokkaido Study on Environment and Children's Health: Malformation, Development and Allergy].

Prenatal exposure to dioxin-like compounds is associated with decreased cord blood IgE and increased risk of wheezing in children aged up to 7years: The Hokkaido study.

In vitro detection of allergen sensitized basophils by HSA-DNP antigen-anchored liquid crystal microdroplets.

Determination of a major allergen in fish samples by simple and effective label-free capillary electrophoretic analysis after background suppression in ion-exchange chromatography.

Apical-to-basolateral transepithelial transport of cow's milk caseins by intestinal Caco-2 cell monolayers: MS-based quantitation of cellularly degraded $\hat{1}\pm$ - and $\hat{1}^2$ -casein fragments.

Residential proximity to agricultural fumigant use and respiratory health in 7-year old children.

Novel Biosensors for the Rapid Detection of Toxicants in Foods.

A novel zebrafish-based model of nociception.

Dendritic cells' death induced by contact sensitizers is controlled by Nrf2 and depends on glutathione levels.

Pesticides are Associated with Allergic and Non-Allergic Wheeze among Male Farmers.

Immunotoxic effects of atrazine and its main metabolites at environmental relevant concentrations on larval zebrafish (*Danio rerio*).

Contact sensitizers trigger human CD1-autoreactive T-cell responses.

Janus-faced Acrolein prevents allergy but accelerates tumor growth by promoting immunoregulatory Foxp3+ cells: Mouse model for passive respiratory exposure.

Antipruritic Effect of Cold-induced and Transient Receptor Potential-agonist-induced Counter-irritation on Histaminergic Itch in Humans.

Conjugation of nitrated acetaminophen to Der p1 amplifies peripheral blood monocyte response to Der p1.

Increased Frequency of Rheumatoid Arthritis and Allergic Rhinitis among Pesticide Sprayers and Associations with Pesticide Use.

Indole-3-carbinol, a plant nutrient and AhR-Ligand precursor, supports oral tolerance against OVA and improves peanut allergy symptoms in mice.

The unusual presentation of a burn from methyl bromide exposure: A case report and review of the literature.

Tyrosine kinase inhibition is an important factor for gene expression of CRTH2 in human eosinophils and lymphocytes: A novel mechanism for explaining eosinophils recruitment by the neuro-immune axis in allergic rhinitis.

Genome Editing with Engineered Nucleases in Economically Important Animals and Plants: State of the Art in the Research Pipeline.

Toxicity of *Juniperus oxycedrus* oil constituents and related compounds and the efficacy of oil spray formulations to *Dermatophagoides farinae* (Acari: Pyroglyphidae).

Pinocembrin, a novel histidine decarboxylase inhibitor with anti-allergic potential in in vitro.

Detection Methodologies for Pathogen and Toxins: A Review.

Uncovering the Molecular Mechanism of Anti-Allergic Activity of Silkworm Pupa-Grown *Cordyceps militaris* Fruit Body.

Possible health impacts of Bt toxins and residues from spraying with complementary herbicides in genetically engineered soybeans and risk assessment as performed by the European Food Safety Authority EFSA.

Occupational allergic airborne contact dermatitis caused by pethoxamid - a new herbicide.

Inhalation of the reactive aldehyde acrolein promotes antigen sensitization to ovalbumin and enhances neutrophilic inflammation.

Intra-laboratory study to determine the reproducibility of LLNA:BrdU-ELISA for the prediction of the skin sensitizing potential of chemicals.

Cinnamaldehyde derivatives inhibit degranulation and inflammatory mediator production in rat basophilic leukemia cells.

Cinnamaldehyde is an effective anti-inflammatory agent for treatment of allergic rhinitis in a rat model.

Acrolein and thiol-reactive electrophiles suppress allergen-induced innate airway epithelial responses by inhibition of DUOX1 and EGFR.

Hypothalamic L-Histidine Decarboxylase Is Up-Regulated During Chronic REM Sleep Deprivation of Rats.

Inhibitory effects of norlignans isolated from *Anemarrhena asphodeloides* on degranulation of rat basophilic leukemia- $\%2H3$ Cells.

Rapid simulated gastric fluid digestion of in-seed/grain proteins expressed in genetically engineered crops.

Separation of Key Biogenic Amines by Capillary Electrophoresis and Determination of Possible Indicators of Sport Fatigue in Athlete's Urine.

Skin testing of gallic acid-based hair dye in paraphenylenediamine/paratoluenediamine-reactive patients.

Hypersensitivity Pneumonitis.

TCDD-Induced Activation of Aryl Hydrocarbon Receptor Inhibits Th17 Polarization and Regulates Non-Eosinophilic Airway Inflammation in Asthma.

Prenatal exposure to persistent organic pollutants and offspring allergic sensitization and lung function at 20 \hat{A} years of age.

Sesamin attenuates mast cell-mediated allergic responses by suppressing the activation of p38 and nuclear factor- \hat{I}^{α} B.

Oxidative stress-related liver dysfunction by sodium arsenite: Alleviation by *Pistacia lentiscus* oil.

Click-Chemistry Based Allergen Arrays Generated by Polymer Pen Lithography for Mast Cell Activation Studies.

Nanoallergens: A multivalent platform for studying and evaluating potency of allergen epitopes in cellular degranulation.

Genetically Modified Foods: A Brief Overview of the Risk Assessment Process.

Prime and boost aerosol exposure via fog machine or shisha smoke followed by cinnamon hypersensitivity and anaphylaxis to spiced food.

Dual regulation of skin sensitizer-induced HMOX1 expression by Bach1 and Nrf2: Comparison to regulation of the AKR1C2-ARE element in the KeratinoSens cell line.

A Dose-Response Modeling Approach Shows That Effects From Mixture Exposure to the Skin Sensitizers Isoeugenol and Cinnamal Are in Line With Dose Addition and Not With Synergism.

Cinnamon spice and everything not nice: many features of intraoral allergy to cinnamic aldehyde.

Allergic contact dermatitis to hexyl cinnamaldehyde, cinnamaldehyde, and 3,4 methylbenzylidene camphor in a patient with previous photoallergic contact dermatitis to dexketoprofen.

The Biomarkers of Exposure and Effect in Agriculture (BEEA) Study: Rationale, Design, Methods, and Participant Characteristics.

North American contact dermatitis group patch test results: 2011-2012.

Gingiva Equivalents Secrete Negligible Amounts of Key Chemokines Involved in Langerhans Cell Migration Compared to Skin Equivalents.

Aryl Hydrocarbon Receptor Protects Lungs from Cockroach Allergen-Induced Inflammation by Modulating Mesenchymal Stem Cells.

Activation of the Prostaglandin E2 receptor EP2 prevents house dust mite-induced airway hyperresponsiveness and inflammation by restraining mast cells' activity.

Evaluation of Bar, Barnase, and Barstar recombinant proteins expressed in genetically engineered Brassica juncea (Indian mustard) for potential risks of food allergy using bioinformatics and literature searches.

Allergic contact dermatitis to nickel is characterized by a specific micro-RNA signature.

Application of the KeratinoSens[®] assay for assessing the skin sensitization potential of agrochemical active ingredients and formulations.

Environmental immune disruptors, inflammation and cancer risk.

Urinary amino acid alterations in 3-year-old children with neurodevelopmental effects due to perinatal dioxin exposure in Vietnam: a nested case-control study for neurobiomarker discovery.

World Health Organization estimates of the global and regional disease burden of four foodborne chemical toxins, 2010: a data synthesis.

Fluorescent magnetic bead-based mast cell biosensor for electrochemical detection of allergens in foodstuffs.

Contraction of gut smooth muscle cells assessed by fluorescence imaging.

Synthesis of 3H, 13C,2H3,15N and 14C-labelled SCH 466036, a histamine 3 receptor antagonist.

Erythema multiforme-like eruption following acute allergic contact dermatitis after exposure to the emulsified herbicide acetochlor.

Acrolein induction of oxidative stress and degranulation in mast cells.

Tempest in a tea pot: How did the public conversation on genetically modified crops drift so far from the facts?

Exacerbation of symptoms in agricultural pesticide applicators with asthma.

Allergic dermatitis from cyanamide for chronic alcoholism detoxification.

Cytoprotective effect of kaempferol on paraquat-exposed BEAS-2B cells via modulating expression of MUC5AC.

An efficient in vitro process for cyclic clonal production of shoots from adult tree of *Cassia alata* L. and evaluation of genetic stability using DNA-based markers.

Monitoring chlorinated persistent organic pollutants in adolescents in Flanders (Belgium): concentrations, trends and dose-effect relationships (FLEHS II).

Microvascular dysfunction with increased vascular leakage response in mice systemically exposed to arsenic.

The involvement of the Mid1/Cch1/Yvc1 calcium channels in *Aspergillus fumigatus* virulence.

Homoisoflavanone prevents mast cell activation and allergic responses by inhibition of Syk signaling pathway.

Aryl hydrocarbon receptor (AhR) modulates cockroach allergen-induced immune responses through active TGF β 1 release.

Rapid iron desensitization after generalized urticaria and facial angioedema.

Two-allergen model reveals complex relationship between IgE crosslinking and degranulation.

Epoxyalcohols: bioactivation and conjugation required for skin sensitization.

Application of response function methodology for the simultaneous determination of potential fragrance allergens and preservatives in personal care products using micellar electrokinetic chromatography.

Inhaled environmental allergens and toxicants as determinants of the asthma phenotype.

[Cyanamide-ethanol reaction induced shock: report of a case and literature review].

Mechanisms involved in oxidative stress regulation.

Evaluation of selected biomarkers for the detection of chemical sensitization in human skin: a comparative study applying THP-1, MUTZ-3 and primary dendritic cells in culture.

The sensitivity of the KeratinoSens[®] assay to evaluate plant extracts: a pilot study.

Allergic contact dermatitis due to dazomet absorbed by agricultural rubber boots.

Fluridone as a new anti-inflammatory drug.

Acrolein exposure suppresses antigen-induced pulmonary inflammation.

Bronchoconstriction induced by increasing airway temperature in ovalbumin-sensitized rats: role of tachykinins.

Evaluation of non-radioactive endpoints of ex vivo local lymph node assay-BrdU to investigate select contact sensitizers.

Contact sensitizing potential of pyrogallol and 5-amino-o-cresol in female BALB/c mice.

Induction of thymic stromal lymphopoietin production by nonanoic acid and exacerbation of allergic inflammation in mice.

Ten years of progress in the Hokkaido birth cohort study on environment and children's health: cohort profile--updated 2013.

Association between blood levels of PCDDs/PCDFs/dioxin-like PCBs and history of allergic and other diseases in the Japanese population.

Rapid desensitization induces internalization of antigen-specific IgE on mouse mast cells.

Individuals' half-lives for 2,3,4,7,8-penta-chlorodibenzofuran (PeCDF) in blood: correlation with clinical manifestations and laboratory results in subjects with Yusho.

Aryl hydrocarbon receptor activation affects the dendritic cell phenotype and function during allergic sensitization.

Sensitizing capacity of Disperse Orange 1 and its potential metabolites from azo reduction and their cross-reactivity pattern.

The aryl hydrocarbon receptor and food allergy.

The weeding of *Ambrosia artemisiifolia* and sanitary risks.

Fentichlor photocontact dermatitis: a persistent enigma.

Mast cell-based electrochemical biosensor for quantification of the major shrimp allergen Pen a 1 (tropomyosin).

Glyphosate, pathways to modern diseases II: Celiac sprue and gluten intolerance.

Activation of aryl hydrocarbon receptor prolongs survival of fully mismatched cardiac allografts.

Pesticide use, immunologic conditions, and risk of non-Hodgkin lymphoma in Canadian men in six provinces.

Immunotoxicity induced by acute subtoxic doses of paraquat herbicide: implication of shifting cytokine gene expression toward T-helper (T(H))-17 phenotype.

Paraquat application and respiratory health effects among South Korean farmers.

Whiskey congeners suppress LPS/IFN γ -induced NO production in murine macrophage RAW 264 cells by inducing heme oxygenase-1 expression.

Stability of selected volatile contact allergens in different patch test chambers under different storage conditions.

Molecular characterization of the putative transcription factor SebA involved in virulence in *Aspergillus fumigatus*.

PANC-1 cells proliferative response to ionizing radiation is related to GSK-3 β phosphorylation.

Activation of the aryl hydrocarbon receptor reduces the number of precursor and effector T cells, but preserves thymic CD4+CD25+Foxp3+ regulatory T cells.

Immunomodulatory potential of partially hydrolyzed β -lactoglobulin and large synthetic peptides.

Patch testing with the textile dyes Disperse Orange 1 and Disperse Yellow 3 and some of their potential metabolites, and simultaneous reactions to para-amino compounds.

Glutamine suppresses dinitrophenol fluorobenzene-induced allergic contact dermatitis and itching: inhibition of contact dermatitis by glutamine.

FICZ, a tryptophan photoproduct, suppresses pulmonary eosinophilia and Th2-type cytokine production in a mouse model of ovalbumin-induced allergic asthma.

Non-dioxin-like AhR ligands in a mouse peanut allergy model.

Pulmonary function reductions among potentially susceptible subgroups of agricultural workers in Colorado and Nebraska.

Assessment of the sensitizing potential of textile disperse dyes and some of their metabolites by the loose-fit coculture-based sensitization assay (LCSA).

Environment and T regulatory cells in allergy.

A proteomics approach to the study of the molecular consequence of IgE-mediated cell signalling in RBL-2H3.1 cells and 2D reference map preparation for the RBL-2H3.1 cell line.

Prospects for malaria elimination in non-Amazonian regions of Latin America.

Enhancing effects of trichloroethylene and tetrachloroethylene on type I allergic responses in mice.

Fully automated production of ^{11}C -doxepin for PET imaging histamine H1 receptor.

Poor air quality in classrooms related to asthma and rhinitis in primary schoolchildren of the French 6 Cities Study.

Suppressive effects of Schizandra chinensis Baillon water extract on allergy-related cytokine generation and degranulation in IgE-antigen complex-stimulated RBL-2H3 cells.

Transient receptor potential ankyrin 1 channel localized to non-neuronal airway cells promotes non-neurogenic inflammation.

Role of the Arylhydrocarbon Receptor (AhR) in the Pathology of Asthma and COPD.

Enhanced sensitization and elicitation responses caused by mixtures of common fragrance allergens.

Systemic contact dermatitis in children: how an avoidance diet can make a difference.

Complement inhibition alleviates paraquat-induced acute lung injury.

Measuring the penetration of a skin sensitizer and its delivery vehicles simultaneously with confocal Raman spectroscopy.

Patch testing for food-associated allergies in orofacial granulomatosis.

Occupational hand dermatitis among cement workers in Taiwan.

Methodologies to anchor dendrimeric nanoconjugates to solid phase: toward an efficient in vitro detection of allergy to β -lactam antibiotics.

Discovery of potent, selective, and orally bioavailable alkynylphenoxyacetic acid CRTH2 (DP2) receptor antagonists for the treatment of allergic inflammatory diseases.

Activation of the aryl hydrocarbon receptor suppresses sensitization in a mouse peanut allergy model.

Long-term effects on humoral immunity among workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Insulin allergy.

Effects of prenatal exposure to dioxin-like compounds on allergies and infections during infancy.

Central and peripheral mechanisms underlying gastric distention inhibitory reflex responses in hypercapnic-acidotic rats.

Metam sodium intoxication: the specific role of degradation products--methyl isothiocyanate and carbon disulphide--as a function of exposure.

Prior exposure to organophosphorus and organochlorine pesticides increases the allergic potential of environmental chemical allergens in a local lymph node assay.

Occupational allergy to cinnamal in a baker.

Identification of PDL-1 as a novel biomarker of sensitizer exposure in dendritic-like cells.

Systemic contact dermatitis presenting as lichen planus of the lip.

Quantitative risk assessment of contact sensitization: clinical data to assess utility of the model.

Tacrolimus modulates dendritic cell activation in the sensitization phase of allergic contact dermatitis.

Effects of strain differences and vehicles on results of local lymph node assays.

Investigation of endogenous soybean food allergens by using a 2-dimensional gel electrophoresis approach.

Environmental stressors and neurobiological features of marine teleosts: histamine receptors as targets.

The genome-wide expression profile of electroacupuncture in DNP-KLH immunized mice.

[Chemical contamination of the environment and development of allergic and autoimmune diseases].

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on scratching behavior in mice.

Perinatal exposure of mice to TCDD decreases allergic sensitisation through inhibition of IL-4 production rather than T regulatory cell-mediated suppression.

Microemulsion electrokinetic chromatography: an application for the simultaneous determination of suspected fragrance allergens in rinse-off products.

2,3,7,8-Tetrachlorodibenzo-p-dioxin impairs stable establishment of oral tolerance in mice.

The effect of multigenerational diet containing genetically modified triticale on immune system in mice.

The new generation of intravenous iron: chemistry, pharmacology, and toxicology of ferric carboxymaltose.

Case-control study on risk factors for leukaemia and brain tumours in children under 5 years in Germany.

Intraoral contact mucositis induced by cinnamon-flavored chewing gum--a case report.

[Improvement of local lymph node assay for cosmetics safety evaluation].

Allergic reaction induced by dermal and/or respiratory exposure to low-dose phenoxyacetic acid, organophosphorus, and carbamate pesticides.

Safety evaluation of the double mutant 5-enol pyruvylshikimate-3-phosphate synthase (2mEPSPS) from maize that confers tolerance to glyphosate herbicide in transgenic plants.

Herbicide-treated hay as a possible cause of dermatitis in horses.

TRPV1-mediated itch in seasonal allergic rhinitis.

Safety assessment of leaf curl virus resistant tomato developed using viral derived sequences.

Ethnicity and incidence of Hodgkin lymphoma in Canadian population.

Evaluation of irritancy and sensitization potential of metalworking fluid mixtures and components.

Children's immunology, what can we learn from animal studies (3): Impaired mucosal immunity in the gut by 2,3,7,8-tetraclorodibenzo-p-dioxin (TCDD): a possible role for allergic sensitization.

Therapeutic surfactants modulate the viability of eosinophils and induce inflammatory mediator release.

11C-GSK189254: a selective radioligand for in vivo central nervous system imaging of histamine H3 receptors by PET.

Transepithelial transport of macromolecular substances in IL-4 treated human intestinal T84 cell monolayers.

Inhibitory effects of guarana seed extract on passive cutaneous anaphylaxis and mast cell degranulation.

A gene-shuffled glyphosate acetyltransferase protein from *Bacillus licheniformis* (GAT4601) shows no evidence of allergenicity or toxicity.

Contact dermatitis in dairy cattle caused by calcium cyanamide.

Erythema multiforme-like eruption due to an irritant contact dermatitis from a glyphosate pesticide.

Prevalence of patch test results from 1970 to 2002 in a multi-centre population in North America (NACDG).

[Medical and biological safety assessment of genetically modified maize event MON 88017. Report 2. Genotoxicologic, immunologic and allergologic examinations].

Allergic contact dermatitis with a fertilizer containing hydrogen cyanamide (Dormex).

Pesticide-related dermatitis in Saku district, Japan, 1975-2000.

Tyrosine phosphatase SHP-1 in oxidative stress and development of allergic airway inflammation.

Development of a modified in vitro skin absorption method to study the epidermal/dermal disposition of a contact allergen in human skin.

A comprehensive review of mercury provoked autism.

Effect of hand dermatitis on the total body burden of chromium after ferrous sulfate application in cement among cement workers.

High prevalence of celiac disease in Mexican Mestizo adults with type 1 diabetes mellitus.

Capillary electrophoretic studies on the photogenotoxic potential of pharmaceutical substances.

Acute induction of epileptiform discharges by pilocarpine in the in vitro isolated guinea-pig brain requires enhancement of blood-brain barrier permeability.

[Outdoor work-related health hazards].

Anaphylaxis to oral iron salts. desensitization protocol for tolerance induction.

Pesticides and atopic and nonatopic asthma among farm women in the Agricultural Health Study.

Date palm pollen allergoid: characterization of its chemical-physical and immunological properties.

Involvement of the pyrilamine transporter, a putative organic cation transporter, in blood-brain barrier transport of oxycodone.

Successful desensitization with human insulin in a patient with an insulin allergy and hypersensitivity to protamine: a case report.

Enhancing effect of chlorinated organic solvents on histamine release and inflammatory mediator production.

Anti-allergic properties of a new all-D synthetic immunoglobulin-binding peptide.

Murine bone marrow-derived dendritic cells as a potential in vitro model for predictive identification of chemical sensitizers.

Cutaneous reactions simulating erythema multiforme and Stevens Johnson syndrome due to occupational exposure to a plant-growth regulator.

Plasma cell gingivitis among herbal toothpaste users: a report of three cases.

Tongue erosions and diet cola.

Fragrances as a cause of food allergy.

Parthenium: a wide angle view.

Skin contact transfer of three fragrance residues from candles to human hands.

The skin sensitization potential of resorcinol: experience with the local lymph node assay.

Enhancement of allergic responses in vivo and in vitro by butylated hydroxytoluene.

Association of allergic rhinitis with pesticide use among grape farmers in Crete, Greece.

Occupational exposure to methyl iodide.

Involvement of cannabinoid CB2 receptors in the IgE-mediated triphasic cutaneous reaction in mice.

Involvement of substance P and neurogenic inflammation in arsenic-induced early vascular dysfunction.

Identification of phenolic dermal sensitizers in a wound closure tape.

Cross-reactions in patch testing with ketoprofen, fragrance mix and cinnamic derivatives.

[Sick building syndrome due to exposure to pentachlorophenol in the office: a case report].

Advantage of using CBA/N strain mice in a non-radioisotopic modification of the local lymph node assay.

Simultaneous sensitivity to fragrances.

Effects of alpha tocopherol and probucol supplements on allergen-induced airway inflammation and hyperresponsiveness in a mouse model of allergic asthma.

Novel selective orally active CRTH2 antagonists for allergic inflammation developed from in silico derived hits.

Endocrine disrupters--potential modulators of the immune system and allergic response.

Severe adverse cutaneous reaction to insulin due to cresol sensitivity.

Improved ELISA method for screening human antigen-specific IgE and its application for monitoring specific IgE for novel proteins in genetically modified foods.

[Exposure to endocrine disrupting chemicals and children's health: problems in epidemiological studies].

Design, synthesis and pharmacological screening of a series of N1-(substituted) aryl-5,7-dimethyl-2-(substituted)pyrido(2,3-d)-pyrimidin-4(3H)-ones as potential histamine H1-receptor antagonists.

Rapid determination of histamine and its metabolites in mice hair by ultra-performance liquid chromatography with time-of-flight mass spectrometry.

[Public perceptions of the risk of Asian dust storms in Seoul and its metropolitan area].

Sensitising potential of four textile dyes and some of their metabolites in a modified local lymph node assay.

A stomatitis due to artificial cinnamon-flavored chewing gum.

Fragrance material review on cinnamaldehyde.

Patch testing with a new fragrance mix - reactivity to the individual constituents and chemical detection in relevant cosmetic products.

Patch testing with a new fragrance mix detects additional patients sensitive to perfumes and missed by the current fragrance mix.

Allergic contact dermatitis from cyanamide.

Ragweed (Ambrosia) progression and its health risks: will Switzerland resist this invasion?

Chloracne due to o-dichlorobenzene in a laboratory worker.

The epidemiology of non-Hodgkin lymphoma.

LAIS Allergoid.

Effect of pollen-mediated oxidative stress on immediate hypersensitivity reactions and late-phase inflammation in allergic conjunctivitis.

Bitterness and toxicity in wild yam (*Dioscorea* spp.) tubers of Nepal.

The European standard series in 9 European countries, 2002/2003 -- first results of the European Surveillance System on Contact Allergies.

Reply to the comments by Coenraads and Tang 'Chloracne due to o-dichlorobenzene in a laboratory worker', *Contact Dermatitis* 2005; 52: 108.

An epidemiological study of poisoning cases reported to the National Poisons Information Centre, All India Institute of Medical Sciences, New Delhi.

Induction and activation of the aryl hydrocarbon receptor by IL-4 in B cells.

Role of autoimmune gastritis, *Helicobacter pylori* and celiac disease in refractory or unexplained iron deficiency anemia.

Efficacy of sublingual coseasonal immunotherapy with a monomeric allergoid in Cupressaceae pollen allergy--preliminary data.

Gaining perspective on the allergenicity assessment of genetically modified food crops.

Inhibition of IgE-dependent mouse triphasic cutaneous reaction by a boiling water fraction separated from mycelium of *Phellinus linteus*.

Strongyloides stercoralis recombinant NIE antigen shares epitope with recombinant Ves v 5 and Pol a 5 allergens of insects.

3D molecular modeling, free radical modulating and immune cells signaling activities of the novel peptidomimetic L-glutamyl-histamine: possible immunostimulating role.

Carrier mediated transport of chlorpheniramine and chlorcyclizine across bovine olfactory mucosa: implications on nose-to-brain transport.

Regulatory immunotoxicology: does the published evidence support mandatory nonclinical immune function screening in drug development?

Allergic contact dermatitis from cinnamic aldehyde found in an industrial odour-masking agent.

Correlations of patch test reactivity and the repeated open application test (ROAT)/provocative use test (PUT).

Pesticide patch test series for the assessment of allergic contact dermatitis among banana plantation workers in panama.

A comparative study of the allergenic potency of wild-type and glyphosate-tolerant gene-modified soybean cultivars.

[Treatment of disorders of iron metabolism].

Assessing the allergenicity of proteins introduced into genetically modified crops using specific human IgE assays.

Contact urticaria due to p-chloro-m-cresol.

Arsenic-induced alterations in the contact hypersensitivity response in Balb/c mice.

Limited effect of selected organic pollutants on cytokine production by peripheral blood leukocytes.

[Interdisciplinary diagnostics in the outpatient treatment department of an environmental medical centre - report on experience with 400 patients].

Evaluation of the allergenicity and antigenicity of bovine-milk alphas1-casein using extensively purified synthetic peptides.

Hair analysis of histamine after fluorescence labeling by column-switching reversed-phase liquid chromatography with electrospray ionization mass spectrometry and application to human hair.

Identification of a polygalacturonase as a major allergen (Pla a 2) from *Platanus acerifolia* pollen.

The role of the chorda tympani nerve and histaminergic system in TCDD toxicity.

Development, registration and commercialization of microbial pesticides for plant protection.

Assessment of statistical analysis in non-radioisotopic local lymph node assay (non-RI-LLNA) with alpha-hexylcinnamic aldehyde as an example.

Occupational airborne contact allergy to cyanamide and dibenzyl phosphite.

Assessment of cumulative allergen-activated lymph node cell proliferation using flow cytometry.

The 5-enolpyruvylshikimate-3-phosphate synthase of glyphosate-tolerant soybean expressed in *Escherichia coli* shows no severe allergenicity.

Contact urticaria from cinnamal leading to anaphylaxis.

Cinnamic compound metabolism in human skin and the role metabolism may play in determining relative sensitisation potency.

Deodorants: an experimental provocation study with cinnamic aldehyde.

Immediate sensory nerve-mediated respiratory responses to irritants in healthy and allergic airway-diseased mice.

Histamine-immunoreactive neurons of the tuberomammillary nucleus are innervated by alpha-melanocyte stimulating hormone-containing axons. Generation of a new histamine antiserum for ultrastructural studies.

Tolerogenic role of Kupffer cells in allergic reactions.

Human health concerns with GM crops.

2,3,7,8-tetrachlorodibenzo-p-dioxin selectively enhances spontaneous IgE production in B cells from atopic patients.

Nonanoic acid--an experimental irritant.

Persistent hematologic and immunologic disturbances in 8-year-old Dutch children associated with perinatal dioxin exposure.

Allergenicity evaluation of p-chloro-m-cresol and p-chloro-m-xyleneol by non-radioactive murine local lymph-node assay and multiple-dose guinea pig maximization test.

Comparative study of in vitro digestibility of food proteins and effect of preheating on the digestion.

Antiallergic activity of ginseng and its ginsenosides.

Spectrum of cross-photosensitization in 18 consecutive patients with contact photoallergy to ketoprofen: associated photoallergies to non-benzophenone-containing molecules.

¹²³I-Interleukin-2: biochemical characterization and in vivo use for imaging autoimmune diseases.

Increased expression of IgE-dependent histamine-releasing factor in endometriotic implants.

Tyrosine phosphorylation is involved in Ca(2+) entry in human gingival fibroblasts.

In vitro effect of air pollutants on human bronchi.

Is *Lolium* pollen from an urban environment more allergenic than rural pollen?

Allergenic relevance of *Cupressus arizonica* pollen extract and biological characterization of the allergoid.

Contact allergy to o-cresol--a sensitizer in phenol-formaldehyde resin.

The influence of a residual group in low-molecular-weight allergoids of *Artemisia vulgaris* pollen on their allergenicity, IgE- and IgG-binding properties.

[Photocontact dermatitis due to ketoprofen and photosensitization to tetrachlorosalicylanide and to Fenticlor(R)].

Antipruritic and antiinflammatory effects of aqueous extract from Si-Wu-Tang.

Workshop report. Children as a special subpopulation: focus on immunotoxicity. Federal Institute for Health Protection of Consumers and Veterinary Medicine (BgVV), 15-16 November 2001, Berlin, Germany.

Immunologic biomarkers in relation to exposure markers of PCBs and dioxins in Flemish adolescents (Belgium).

Recurrent stroke in a young patient with celiac disease and hyperhomocysteinemia.

Screening of transgenic proteins expressed in transgenic food crops for the presence of short amino acid sequences identical to potential, IgE - binding linear epitopes of allergens.

Inhibition of protein kinases A and C demonstrates dual modes of response in human eosinophils stimulated with platelet-activating factor.

Dioxin stimulates synthesis and secretion of IgE-dependent histamine-releasing factor.

Understanding fragrance allergy using an exposure-based risk assessment approach.

Environmental and occupational skin diseases in Taiwan.

Langerhans cells and immature dendritic cells as model systems for screening of skin sensitizers.

Release of markedly increased quantities of prostaglandin D2 from the skin in vivo in humans after the application of cinnamic aldehyde.

The suitability of hexyl cinnamic aldehyde as a calibrant for the murine local lymph node assay.

Chronic low-level administration of diquat increases the nociceptive response to gastric distension in rats: role of mast cells and tachykinin receptor activation.

Dermal exposure to cinnamaldehyde alters lymphocyte subpopulations, number of interferon-gamma-producing cells, and expression of B7 costimulatory molecules and cytokine messenger RNAs in auricular lymph nodes of B6C3F1 mice.

Non-Hodgkin's lymphoma and specific pesticide exposures in men: cross-Canada study of pesticides and health.

Mast cell regulation of inflammation and gene expression during antigen-induced bladder inflammation in mice.

Suppression of allergic immune responses to house dust mite (HDM) in rats exposed to 2,3,7,8-TCDD.

Transgenic foods, pesticides, dioxin, passive smoke. Consequences on breast milk.

Pyr c 1, the major allergen from pear (*Pyrus communis*), is a new member of the Bet v 1 allergen family.

Analysis of gene expression induced by irritant and sensitizing chemicals using oligonucleotide arrays.

Will genetically modified foods be allergenic?

A randomized study of oral vs intravenous iron supplementation in patients with progressive renal insufficiency treated with erythropoietin.

IgE binding properties of the recombinant ovomucoid third domain expressed in *Escherichia coli*.

A Kampo formulation: Byakko-ka-ninjin-to (*Bai-Hu-Jia-Ren-Sheng-Tang*) inhibits IgE-mediated triphasic skin reaction in mice: the role of its constituents in expression of the efficacy.

Effect of diesel exhaust particles and their components on the allergen-specific IgE and IgG1 response in mice.

Pesticides as a cause of occupational skin diseases in farmers.

Allergenicity testing of supermethrin, phenoxyacetic acid and DNCB using in vivo and in vitro modifications of the local lymph node assays, maximization and epicutaneous testing.

Fusarium solani major allergen peptide IV-1 binds IgE but does not release histamine.

Human eosinophils induce histamine release from antigen-activated rat peritoneal mast cells: a possible role for mast cells in late-phase allergic reactions.

Toxicology of metam sodium.

Chronic ingestion of a potential food contaminant induces gastrointestinal inflammation in rats: role of nitric oxide and mast cells.

Effects of environmental pollutants on airways, allergic inflammation, and the immune response.

Comparison of mouse strains using the local lymph node assay.

The expression of surface markers on dendritic cells as indicators for the sensitizing potential of chemicals.

Human skin absorption and metabolism of the contact allergens, cinnamic aldehyde, and cinnamic alcohol.

The frequency of fragrance allergy in a patch-test population over a 17-year period.

Immunologic effects of background exposure to polychlorinated biphenyls and dioxins in Dutch preschool children.

Negative regulation of FcεRI signaling by FcγRII costimulation in human blood basophils.

Anaphylaxis to chlorhexidine. Case report. Implication of immunoglobulin E antibodies and identification of an allergenic determinant.

A method to study apoptosis in eosinophils by flow cytometry.

Airbag dermatitis.

Ligation of IgE receptors causes an anaphylactic response and neutrophil infiltration but does not induce eosinophilic inflammation in mice.

Immobilization of plant histaminase for medical applications.

CDC investigations of noninfectious outbreaks of adverse events in hemodialysis facilities, 1979-1999.

Inhibition of irritation and contact hypersensitivity by phenoxyacetic acid methyl ester in mice.

Differential effect of antiallergic drugs on IgE-mediated cutaneous reaction in passively sensitized mice.

Health effects of chronic exposure to polychlorinated dibenzo-P-dioxins (PCDD), dibenzofurans (PCDF) and coplanar PCB (Co-PCB) of municipal waste incinerator workers.

Transport, catabolism and release of histamine in the ruminal epithelium of sheep.

Orosomucoid has a cAMP-dependent effect on human endothelial cells and inhibits the action of histamine.

Carbonic anhydrase activators - part 21. Novel activators of isozymes I, II and IV incorporating carboxamido and ureido histamine moieties.

Fragrance and contact allergens in vitro modulate the HLA-DR and E-cadherin expression on human epidermal Langerhans cells.

Human isolated airway contraction: interaction between air pollutants and passive sensitization.

Eczematous erythroderma induced by cyanamide.

Fragrance sensitivity in allergic contact dermatitis.

Effect of Shimotsu-to (a Kampo medicine, Si-Wu-Tang) and its constituents on triphasic skin reaction in passively sensitized mice.

Allergy to bovine beta-lactoglobulin: specificity of human IgE to tryptic peptides.

[Anemia and its treatment with peroral anti-anemia agents in women during the postpartum period].

Immunochemical detection of egg-white antigens and allergens in meat products.

Inhibitory mechanisms of glycoprotein fraction derived from *Miscanthus sinensis* for the immediate phase response of an IgE-mediated cutaneous reaction.

Effect of overproduction of interleukin 5 on dinitrofluorobenzene-induced allergic cutaneous response in mice.

Comparison of differential plating media and two chromatography techniques for the detection of histamine production in bacteria.

Molecular cloning and characterization of a birch pollen minor allergen, Bet v 5, belonging to a family of isoflavone reductase-related proteins.

Anaphylaxis inhibitory factor in IgE-dependent mast cell stimulation.

Cellular signalling and free-radical modulating activities of the novel peptidomimetic L-glutamyl-histamine.

Novel co-operation between eotaxin and substance-P in inducing eosinophil-derived neurotoxin release.

Airborne contact dermatitis from cacodylic acid.

Allergic contact dermatitis from ethoxymethylenemalononitrile in an agrochemical chemist.

Augmentation of allergic reactions by several pesticides.

Susceptibility to skin stinging, non-immunologic contact urticaria and acute skin irritation; is there a relationship?

The utility of patch tests using larger screening series of allergens.

Comparison of sex differences in guinea-pig maximization test for detection of skin-sensitizing potential using OECD recommended positive control sensitizers.

Deodorants on the European market: quantitative chemical analysis of 21 fragrances.

Clinical morphology of sodium lauryl sulfate (SLS) and nonanoic acid (NAA) irritant patch test reactions at 48 h and 96 h in 152 subjects.

Immunologic cross-reactivity between respiratory chemical sensitizers: reactive dyes and cyanuric chloride.

Allergy to bovine beta-lactoglobulin: specificity of human IgE using cyanogen bromide-derived peptides.

Inhibition of guinea pig skin allergic reactions by nonpeptide bradykinin B2 receptor antagonist FR173657.

Alterations of signal transduction pathways involved in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced malignant transformation of human cells in culture.

Contact sensitivity to chromate: comparison at a London contact dermatitis clinic over a 10-year period.

Determinant analysis of IgE and IgG4 antibodies and T cells specific for bovine alpha(s)1-casein from the same patients allergic to cow's milk: existence of alpha(s)1-casein-specific B cells and T cells characteristic in cow's-milk allergy.

Effect of *Rehmannia glutinosa* on immediate type allergic reaction.

Endothelial cell intracellular Ca²⁺ concentration is increased upon breast tumor cell contact and mediates tumor cell transendothelial migration.

Possible role of nitric oxide in IgE-mediated allergic cutaneous reaction in mice.

Transient and prolonged increase in endothelial permeability induced by histamine and thrombin: role of protein kinases, calcium, and RhoA.

Anaphylatoxins C5a and C3a induce nuclear factor kappaB activation in human peripheral blood monocytes.

Murine local lymph node assay for predictive testing of allergenicity: two irritants caused significant proliferation.

Cytochrome P450 1B1: a major P450 isoenzyme in human blood monocytes and macrophage subsets.

Suppression of immunoglobulin E-mediated anaphylactic reaction by Hwanglyun-Haedok-Tang water extract.

Anti-immunoglobulin E antibody treatment blocks histamine release and tissue contraction in sensitized mice.

The effect of tyrosine kinase inhibitors on IgE-mediated histamine release from human lung mast cells and basophils.

Molecular characterization of a cytokinin-inducible periwinkle protein showing sequence homology with pathogenesis-related proteins and the Bet v 1 allergen family.

Interleukin 1 beta and tumour necrosis factor alpha inhibit acid secretion in cultured rabbit parietal cells by multiple pathways.

Vascular endothelial growth factor/vascular permeability factor enhances vascular permeability via nitric oxide and prostacyclin.

Occupational allergic contact dermatitis from 2-tert-butylamino-4-cyclopropylamino-6-methylthio-1,3,5-triazine.

Drug eruption induced by cyanamide (carbimide): a clinical and histopathologic study of 7 patients.

Xenobiotics and food allergy: in vivo and in vitro studies in patients with apple allergy.

Allergy to cocamidopropyl betaine may be due to amidoamine: a patch test and product use test study.

Lateral hypothalamic injection of GABA(A) antagonist induces gastric vagus-mediated hypocalcemia in the rat.

Cross-reaction patterns in patients with contact allergy to simple methylol phenols.

Sodium butyrate decreases histamine-stimulated calcium mobilization in C6 glioma cells.

Skin reactions to pesticides.

Simultaneous quantitation of specific IgE against 20 purified allergens in allergic patients sera by checkerboard immunoblotting (CBIB).

Nitric oxide decreases intestinal haemorrhagic lesions in rat anaphylaxis independently of mast cell activation.

Allergic contact dermatitis from norflurazon (Predict).

Cross-reactions in patch testing and photopatch testing with ketoprofen, thiaprophenic acid, and cinnamic aldehyde.

Natural ingredients based cosmetics. Content of selected fragrance sensitizers.

[Multiple chemical sensitivity disorder in patients with neurotoxic illnesses].

Genetic modification of plants: significant issues and hurdles to success.

Threshold responses in cinnamic-aldehyde-sensitive subjects: results and methodological aspects.

The expressed protein in glyphosate-tolerant soybean, 5-enolpyruvylshikimate-3-phosphate synthase from *Agrobacterium* sp. strain CP4, is rapidly digested in vitro and is not toxic to acutely gavaged mice.

Environmental chemicals and experimental allergic conjunctivitis.

An interlaboratory evaluation of the Buehler test for the identification and classification of skin sensitizers.

[Toxicologic risk assessment and prevention: rational and irrational approaches].

Purification and characterization of a 93 kDa *Aspergillus fumigatus* antigen with diagnostic potential.

Chromium allergy in consecutive patients in a country where ferrous sulfate has been added to cement since 1981.

[Occupational asthma in an agricultural setting].

Surface expression of CD63 antigen (AD1 antigen) in P815 mastocytoma cells by transfected IgE receptors.

Airborne pollutants and the immune system.

Addition of ferrous sulfate to cement and risk of chromium dermatitis among construction workers.

Antibodies released from immunoabsorbents: effect of support, activation and elution conditions.

Synthesis and in vitro reactivity of 3-carbamoyl-2-phenylpropionaldehyde and 2-phenylpropenal: putative reactive metabolites of felbamate.

Inhibitory effect of tyrosine kinase inhibitors on antigen-induced tracheal contraction and histamine release in guinea pigs.

Identification and characterization of the major allergens of velvet grass (*Holcus lanatus*), Hol I 1 and Hol I 5.

Interleukin 4 or oncostatin M induces a prolonged increase in P-selectin mRNA and protein in human endothelial cells.

Ferrous sulfate does not reduce serum levels of famotidine or cimetidine after concurrent ingestion.

Mechanisms involved in eosinophil migration. Platelet-activating factor-induced chemotaxis and interleukin-5-induced chemokinesis are mediated by different signals.

Signaling by hemolytically inactive C5b67, an agonist of polymorphonuclear leukocytes.

Monomeric chemically modified allergens: immunologic and physicochemical characterization.

Patch testing with fragrances: results of a multicenter study of the European Environmental and Contact Dermatitis Research Group with 48 frequently used constituents of perfumes.

[Eating cinnamon in cinnamaldehyde allergy].

Fate and effects of acrolein.

Contact allergy to cinnamic aldehyde and cinnamic alcohol in Olã©ophyal.

Assessment of the endogenous allergens in glyphosate-tolerant and commercial soybean varieties.

The guinea pig maximization test--with a multiple dose design.

[New legislation from the Politique Agricole Commune passed in 1994 and its impact on the spread of ragweed. The public health laws are the responsibility of the mayor, the health department, the General Council and the State Council].

[The campaign against the spread of ragweed: the Quebec model].

Large secretory structures at the cell surface imaged with scanning force microscopy.

Triclosan inhibits histamine-induced inflammation in human skin.

Alpha-subunit of beta-conglycinin, an allergenic protein recognized by IgE antibodies of soybean-sensitive patients with atopic dermatitis.

Modulation of TCDD-induced wasting syndrome by portocaval anastomosis and vagotomy in Long-Evans and Han/Wistar rats.

Image processing of 20 MHz B-scan recordings of irritant reactions.

Toxicological and neuropsychological findings in patients presenting to an environmental toxicology service.

Identification of the major phosphorylation sites in human C5a anaphylatoxin receptor in vivo.

Immunochemical characterization of recombinant and native tropomyosins as a new allergen from the house dust mite, *Dermatophagoides farinae*.

Substrate-specificity of mammalian tissue-bound semicarbazide-sensitive amine oxidase.

Allergic contact dermatitis from the herbicides trifluralin and benefin.

Allergic contact dermatitis from cyanamide: report of 3 cases.

Contact urticaria from cinnamic aldehyde and benzaldehyde in a confectioner.

[Allergic diseases caused by pesticides: 3 case reports].

Characterization of the capsaicin-sensitive component of cyclophosphamide-induced inflammation in the rat urinary bladder.

Patch testing with fragrance mix and its constituents in a Hungarian population.

Human bronchial smooth muscle responsiveness after in vitro exposure to acrolein.

Immunogold electron microscopic localization of timothy grass (*Phleum pratense*) pollen major allergens Phl p I and Phl p V after anhydrous fixation in acrolein vapor.

Contact sensitization induces proliferation of heterogeneous populations of hapten-specific T cells.

Study of the effector mechanism involved in the production of haemorrhagic necrosis of the small intestine in rat passive anaphylaxis.

Effects of various drugs (staurosporine, herbimycin A, ketotifen, theophylline, FK506 and cyclosporin A) on eosinophil viability.

Effects of herbimycin A and ST638 on Fc epsilon receptor-mediated histamine release and Ca²⁺ signals in rat basophilic leukemia (RBL-2H3) cells.

[Prevention of infectious endocarditis].

Interaction between the central histaminergic and the muscarinic cholinergic systems.

Evidence for histamine uptake by murine hematopoietic progenitors.

Modified par j I allergen from *P. judaica* pollen and its rate of absorption in rats.

Purification and characterization of Fus sI3596*, a 65 kd allergen of *Fusarium solani*.

Skin symptoms among workers in a spice factory.

Phototoxic contact dermatitis with toxic hepatitis due to the percutaneous absorption of paraquat.

Results with OECD recommended positive control sensitizers in the maximization, Buehler and local lymph node assays.

Allergic contact dermatitis from the herbicide Alachlor.

Aggravation of experimental allergic conjunctivitis by environmental chemical and physical factors.

Gastric vagus mediates immobilization-induced hypocalcemia in rats.

The characteristics, capacity and receptor regulation of inositol uptake in 1321N1 astrocytoma cells.

Selective removal of beta-lactoglobulin directly from cow's milk and preparation of hypoallergenic formulas: a bioaffinity method.

Contact dermatitis due to Metasol D3T in a Jay cushion.

Dermatitis in bulb growers.

Effect of processing cement to concrete on hexavalent chromium levels.

[Participation of environmental chemicals in experimental allergic conjunctivitis].

An arm immersion model of compromised skin (I). Influence on irritation reactions.

A study of the binding of immunoglobulin G and immunoglobulin E from children with bronchial asthma to peptides derived from group II antigen of *Dermatophagoides pteronyssinus*.

Potentiation of IgE responses to third-party antigens mediated by *Ascaris suum* soluble products.

Peptide mapping analysis of group I allergens of grass pollens.

Supernormal histamine release and normal cytotoxic activity of beige (ChÅ©diak-Higashi syndrome) rat mast cells with giant granules.

A sensitive colorimetric assay for the release of tryptase from human lung mast cells in vitro.

Intra-species cross-reactivity of house dust mite allergens separated by protein blotting and detected by selective elution of mite components and IgE antibodies.

Influence of some biological response modifiers on swelling of rat liver mitochondria in vitro.

Association of asthma with use of pesticides. Results of a cross-sectional survey of farmers.

Studies of the quenching phenomenon.

[Toxic and drug-induced lesions of the pulmonary parenchyma].

Immunocytochemical observation of paraquat-induced alveolitis with special reference to class II MHC antigens.

Skin sensitization to cinnamic alcohol: the role of skin metabolism.

Selective eosinophil leukocyte recruitment by transendothelial migration and not by leukocyte-endothelial cell adhesion.

Evidence of a neurogenic component during IgE-mediated inflammation in mouse skin.

Detection of contact sensitivity of metal salts using the murine local lymph node assay.

Identification of *Candida albicans* antigens reactive with immunoglobulin E antibody of human sera.

[Problems and eradication of *Ambrosia artemisiifolia* L. in Quebec in the urban and suburban environments].

Glycosylation-inhibiting factor from human T cell hybridomas constructed from peripheral blood lymphocytes of a bee venom-sensitive allergic patient.

Allergic contact dermatitis from dazomet.

Metabolically dependent blood-brain barrier breakdown in chronic relapsing experimental allergic encephalomyelitis.

Differential ability of occupational chemical contact and respiratory allergens to cause immediate and delayed dermal hypersensitivity reactions in mice.

Tardyferon therapy in hyposiderosis of infancy and childhood.

Clinical and cytologic aspects of ocular late-phase reaction in the guinea pig.

[Contact fenchlor photoallergy from soap for handwashing].

IgE-mediated inhalant allergy in inhabitants of a building infested by the rice weevil (*Sitophilus oryzae*).

Environmental monitoring in Lithuania. Environmental distress signals: gastrointestinal epithelial barrier after exposure to chemical agents.

[Occupational asthma caused by scented gravel in cat litter boxes].

Studies of the quenching phenomenon in delayed contact hypersensitivity reactions.

The identification of photoallergic potential in the local lymph node assay.

A continuously rotating passive agglutination method using rapidly precipitable latex particles and its application.

The sensitized liver represents a rich source of endogenous leukotrienes.

Transfusion of type-A and type-B blood to cats.

Allergic contact dermatitis to two antioxidants in latex gloves: 4,4'-thiobis(6-tert-butyl-meta-cresol) (Lowinox 44S36) and butylhydroxyanisole. Allergen alternatives for glove-allergic patients.

Inhalation exposure of mice to trimellitic anhydride induces both IgG and IgE anti-hapten antibody.

Tear volume in early and late phases of ocular anaphylaxis in guinea pigs.

Structural analysis of the glycoprotein allergen Art v II from the pollen of mugwort (*Artemisia vulgaris* L.).

Epitope mapping of allergens and antigens of timothy pollen extract.

Human aldehyde dehydrogenase. Activity with aldehyde metabolites of monoamines, diamines, and polyamines.

Effect of a single dose of TCDD on the level of histamine in discrete nuclei in rat brain.

Immediate contact reactions to chemicals in the fragrance mix and a study of the quenching action of eugenol.

The spectrum of contact urticaria. Wheals, erythema, and pruritus.

[The effect of histamine H1 receptors on the secretory function and blood flow in the gastric mucosa].

Late pulmonary allergic responses in actively but not passively IgE-sensitized rats.

[Diagnosis of dermatitis due to plants].

Contact sensitization by pesticides in farmers.

Preparation of triazolo[1,5-c]pyrimidines as potential antiasthma agents.

[Acute myelomonocytic leukemia with mastocytosis in bone marrow].

[The intensification of lipid peroxidation in the skin for the suppression of experimental dermatitis].

[Effect of inflammatory mediators on respiration in rat liver mitochondria].

Changes in rat brain monoamines, monoamine metabolites and histamine after a single administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Characteristics of histamine release from rat mast cells induced by a bracken toxin, braxin A1.

Identification of the binding sites of benzyl penicilloyl, the allergenic metabolite of penicillin, on the serum albumin molecule.

Attempts to identify the causative allergen in cases of allergic contact dermatitis using an in vitro lymphocyte transformation test.

[Photoallergic dermatitis caused by the herbicide phenmedipham].

Contact dermatitis in children.

Aspects of pharmaceutical and chemical standardization of patch test materials.

Cross-sensitization patterns in guinea pigs between cinnamaldehyde, cinnamyl alcohol and cinnamic acid.

Epidermal damage induced by irritants in man: a light and electron microscopic study.

Follow-up of workers from the prefabricated concrete industry after the addition of ferrous sulphate to Danish cement.

Mast cell chymase. A potent secretagogue for airway gland serous cells.

Complestatin, a potent anti-complement substance produced by *Streptomyces lavendulae*. I. Fermentation, isolation and biological characterization.

Characterization of grass pollen-specific IgE, IgA, IgM classes and IgG subclasses in allergic patients.

Antigen-induced bronchopulmonary alterations in the guinea pig: a new model of passive sensitization mediated by mouse IgE antibodies.

Prevalence of cement eczema in Denmark before and since addition of ferrous sulfate to Danish cement.

Radicals involved in photoallergen/protein interactions.

[Contact eczema caused by pesticides in East Germany].

A pharmacological approach to cellular mechanisms of PGI₂-induced gastric cytoprotection on ethanol-induced gastric mucosal damage in rats.

[Recent experience with mites in stored products].

[A radioisotope method for assessing the anaphylactogenicity of polymer drugs].

Complete amino acid sequence of a *Lolium perenne* (perennial rye grass) pollen allergen, Lol p II.

Structural alterations in fibroblast monolayers caused by mast cell degranulation.

Perturbations of the immune system by xenobiotics.

Analysis of the hyperpolarizing effect of catecholamines on canine cardiac Purkinje fibres.

Characterization of a receptor for C5a anaphylatoxin on human eosinophils.

Allergenic fragments of ryegrass (*Lolium perenne*) pollen allergen Lol p IV.

Monitoring of active groups of cyanogen-bromide-activated paper discs used as allergosorbent.

Dimethylthiourea prevents hydrogen peroxide and neutrophil mediated damage to lung endothelial cells in vitro and disappears in the process.

Spectroscopic studies of cutaneous photosensitizing agents--XIII. pH dependence of the photochemistry of photoallergens bithionol and fentichlor: an electron spin resonance study of the free radical photoproducts.

[Hygienic standardization of monochloroacetic acid chloranhydride in the air of the work area].

Immunotoxicology--1986.

Induction of an allergic reaction to alcohol metabolites by immunization.

Prostaglandin D2 generation in mouse bone marrow-derived mast cells exposed to dexamethasone is associated with endogenous peroxidase activity.

Chemically induced inflammation in rat oral mucosa.

Demonstration and characterization of a transient arthritis in rats following sensitization of synovial mast cells with antigen-specific IgE and parenteral challenge with specific antigen.

[Effects of traxanox sodium on experimental nasal allergy].

Skin lesions due to exposure to methyl bromide.

Photoallergic contact dermatitis from fentichlor.

In vitro (organ culture) studies of the toxicity of specific A-gliadin peptides in celiac disease.

Retained T-cell reactivity of rye grass pollen extract following cleavage with cyanogen bromide and nitrothiocyanobenzoic acid.

Anaphylactic shock: catecholamine actions in the responses to opioid antagonists.

Regulation of human basophil and lung mast cell function by cyclic adenosine monophosphate.

Antigenic contraction of guinea pig tracheal preparations passively sensitized with monoclonal IgE: pharmacological modulation.

Amino acid sequence of guinea pig C3a anaphylatoxin.

[Evaluation of allergic activity of zenkor for its regulation in the reservoir water].

Acetylsalicylic acid inhibits non-immunologic contact urticaria.

Irritation and sensitization potential of pesticides.

Irritant dermatitis from tri-butyl tin oxide and contact allergy from chlorocresol.

[Toxico-allergic dermatitis induced by ethylenediamine in the manufacture of the herbicide zineb].

Renal anaphylaxis. I. Antigen-initiated responses from isolated perfused rat kidney.

The effect of IgE-mediated mast cell degranulation on the expression of experimental contact sensitivity in the mouse.

Phorbol ester-induced inhibition of cyclic GMP formation mediated by muscarinic receptors in murine neuroblastoma cells.

Endogenous peroxidase activity in human cutaneous and adenoidal mast cells.

Induction of photoallergy in guinea-pigs by injection of photoallergen-protein conjugates.

A canine model for the study of hapten-specific suppression of IgE-mediated bronchoconstriction and anaphylaxis.

Non cytotoxic guinea-pig mesenteric mast cell stimulation by protamine.

Spectroscopic studies of cutaneous photosensitizing agents--XII. Spin trapping study of the free radicals generated during the photolysis of photoallergens bithionol and fentichlor.

Gas chromatographic, liquid chromatographic, and titrimetric procedures for determination of glycerin in allergenic extracts and diagnostic antigens: comparative study.

Immunochemical observations of antigen 5, a major venom allergen of hornets, yellowjackets and wasps.

Linamarin and histamine in the defense of adult *Zygaena filipendulae*.

Urticaria from contact with pentachlorophenate.

Irritation, sensitization, photoirritation and photosensitization assays with a glyphosate herbicide.

Cheilitis: occult allergy to cinnamic aldehyde.

Management of acute childhood poisonings caused by selected insecticides and herbicides.

Allergic contact dermatitis from aminotriazole.

Chronic progredient diffuse alveolar damage probably related to exposure to herbicides.

Skin lesions as a sign of subacute pentachlorophenol intoxication.

Diphenhydramine and the calcium carbimide-ethanol reaction: a placebo-controlled clinical study.

Histamine action in paraquat-induced lung injury.

Induction of experimental allergic neuritis in the BN rat: P2 protein-specific T cells overcome resistance to actively induced disease.

Desensitization of contact allergy to DNFB in mice. III. Characteristics of immediate desensitization induced by haptenated spleen cells.

[Guanylate cyclase activity of the rabbit myocardium in normal conditions and in allergic states].

Interaction of monoclonal antibodies with the IgE-receptor on rat mast cells and rat basophilic leukemia (RBL) cells.

Distribution of 2,4-dinitrophenyl groups on the epidermal Langerhans cells of guinea pigs following skin painting with 2,4-dinitrochlorobenzene.

[Evaluation of the biological effect of polishing powders].

Contact sensitivity to arsenical compounds. Clinical and experimental studies.

[Occurrence of drug reactions].

Antigenic and allergenic determinants of ovalbumin. I. Peptide mapping, cleavage at the methionyl peptide bonds and enzymic hydrolysis of native and carboxymethyl OA.

Transport of cimetidine by the rat choroid plexus in vitro.

Allergens in Hymenoptera venom. XVI: Studies of the structures and cross-reactivities of vespid venom phospholipases.

Antigen-stimulated metabolism of inositol phospholipids in the cloned murine mast-cell line MC9.

Proliferative responses by immune murine popliteal lymph node cells to high-molecular-weight basic allergen of ryegrass pollen and its cyanogen bromide fragments.

Human assay for identifying substances which induce non-allergic contact urticaria: the NICU-test.

Allergic contact dermatitis due to a herbicide (barban).

Health hazards of natural and introduced chemical components of boatbuilding woods.

Perfume dermatitis.

Long refractory period after one application of nonimmunologic contact urticaria agents to the guinea pig ear.

The cumulative contact enhancement test.

Surface functions during mitosis in rat basophilic leukemia cells.

Membrane and cytoskeletal changes associated with IgE-mediated serotonin release from rat basophilic leukemia cells.

Skin irritancy from nonanoic acid.

Monoclonal murine anti-DNP IgE: in vitro histamine release of rat mast cells in the presence of reaginic rat and mouse sera.

Relationship between 3H-histamine uptake and H₂-receptors in the human promyelocytic leukemia cell line HL-60.

Cyanide and sulfide interact with nitrogenous compounds to influence the relaxation of various smooth muscles.

Characterization of long-lasting histaminergic inhibition in a beating pacemaker neuron of *Onchidium*.

Standardization of house dust mite extracts. Liberation of allergenic and antigenic components in relation to extraction conditions.

Calcium dependent modulation of histamine release from mast cells by sodium and potassium.

Evidence for a role of the amino-terminal region in the biological activity of the classical anaphylatoxin, porcine C5a des-Arg-74.

Investigation of the allergenicity of beta-lactoglobulin and its cleavage fragments.

[Allergy to decorative plants].

Diminution of immediate reactions to cinnamic aldehyde by eugenol.

The effect of quenching agents on contact urticaria caused by cinnamic aldehyde.

Possible role for a human adenovirus in the pathogenesis of celiac disease.

Characterization of the enhanced paw edema response to carrageenan and dextran in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

Naloxone improves, and morphine exacerbates, experimental shock induced by release of endogenous histamine by compound 48/80.

Opiate antagonists reverse the hypoactivity associated with systemic anaphylaxis in mice.

Biochemical activity of intestinal microflora in adult coeliac disease.

Allergen discs prepared from nitrocellulose: detection of IgE binding to soluble and insoluble allergens.

Effects of H₂ receptor antagonists on the hepatotoxicity of various chemicals.

Metabolism of leukotriene D₄ by porcine alveolar macrophages.

Pharmacologic modulation in vitro of human histamine-induced suppressor cell activity.

Histochemical demonstration of enteropeptidase activity. New method with a synthetic substrate and its comparison with the trypsinogen procedure.

Biochemical modulation of angiogenesis in the chorioallantoic membrane of the chick embryo.

Morphine exacerbates anaphylactic shock in mice by stimulating central opiate receptors.

Langerhans cell--mononuclear cell contacts are not specific for allergy in patch tests.

Experimental allergic neuritis. Humoral and cellular immune responses to the cyanogen bromide peptides of the P2 protein.

Evidence for lipoxygenase activity in induction of histamine release from rat peritoneal mast cells by chelated iron.

Transport of histidine into synaptosomes of the rat central nervous system.

Sensitivity of passive cutaneous anaphylaxis in rats. I. Inverse relationship between PCA sensitivity and amount of IgE present on mast cells.

Allergic contact dermatitis to chloridazon.

Allergic hypersensitivity to the herbicide 2,4-D in BALB/c mice.

Polyacrolein microspheres as a new tool in cell biology.

Primary structure of bovine complement activation fragment C4a, the third anaphylatoxin. Purification and complete amino acid sequence.

Dual effect of verapamil on rat peritoneal mast cells: inhibition or induction of histamine release.

Association of ⁴⁵calcium with rat mast cells stimulated by 48/80: effects of inactivation, calcium and metabolic inhibition.

Histamine release from rat peritoneal mast cells exposed to ultraviolet light.

Allergic contact dermatitis to cyanamide (carbodiimide).

Allergen replacement (alternatives) in the management of contact dermatitis.

Factors affecting the efflux of paraquat from rat lung slices.

Effects of hypoxia and metabolic inhibitors on the electrical and mechanical activities of isolated guinea pig papillary muscles.

Structure of bovine P2 basic protein: sequence of a carboxyterminal segment that is a neuritogen in rabbits.

Antigen-induced and non-antigen-induced histamine release from rat mast cells sensitized with mouse antiserum.

Complete primary structure of human C4a anaphylatoxin.

Quantitative correlation between histamine and ³⁵S release from isolated rat mast cells due to the beta-adrenergic blocking drug KÅ¶ 1124.

Perioral leukoderma simulating vitiligo from use of a toothpaste containing cinnamic aldehyde.

Contact urticaria from cinnamic aldehyde.

Bovine peripheral nervous system myelin P2 protein: chemical and immunological characterization of the cyanogen bromide peptides.

Allergic encephalomyelitis induced in guinea pigs by a peptide from the NH₂-terminus of bovine P2 protein.

Allergic contact dermatitis from methylisothiocyanate in soil disinfectants.

Antigen-induced suppression of experimental allergic neuritis in the guinea pig.

Amino acid sequence of the anaphylatoxin from the fifth component of porcine complement.

Movement of calcium ions and release of histamine from rat mast cells.

Chronic lung disease. Pulmonary fibrosis.

Allergic contact dermatitis from Betanal (phenmedipham).

[Allergic contact dermatitis due to propachlor (author's transl)].

Influence of histamine on estrogen-induced inhibition of compensatory ovarian hypertrophy in hemiovariectomized rats.

The inhibitory effect of paraquat on histamine and isoproterenol induced changes of cyclic nucleotides in rat lung slices.

Longitudinal study of tolyl-reactive IgE antibodies in workers hypersensitive to TDI.

Contact dermatitis from hydrazine derivatives.

Specific IgE antibodies to platinum salts in sensitized workers.

An immunoperoxidase method for the demonstration of allergen-specific IgE in serum.

[Parthenium hysterophorus allergy. A weed problem in India (author's transl)].

Antisecretory effect of imidazole and its derivatives in an isolated gastric mucosa preparation and an anesthetized young chicken preparation; comparison with a histamine H₂-receptor antagonist.

Purification, characterization, and amino acid sequence of rat anaphylatoxin (C3a).

[Neuropsychopharmacological effects of TCDD].

Effects of inhibitors on the plasma membrane and mitochondrial adenosine triphosphatases of *Neurospora crassa*.

Effect of Ca²⁺, Mg²⁺, NaN₃, cholinergic agents, and gastrointestinal hormones on the guanylate cyclase from guinea pig gastric mucosa.

Effect of chemical defoliation on leaf and bract content in raw cotton.

Allergic contact dermatitis to herbicides.

Contact urticarial skin responses to cinnamaldehyde.

Human dander in house dust allergy.

[Suppression of the anaphylactic response of isolated smooth muscle organs by potassium arsenite].

The inhibition of histamine release from rat peritoneal mast cells by non-steroid anti-inflammatory drugs and its reversal by calcium.

Melittin: an allergen of honeybee venom.

Effects of vehicles and elicitation concentration in contact dermatitis testing. I. Experimental contact sensitization in humans.

Allergy tests against formaldehyde, cresol, and eugenol in children with formocresol pulp-tomized primary teeth.

[Determining hypersensitivity to antigens by computing cells migrating from capillary tubes].

[Pharmacological studies on basic ethers (R111 and R97) with antispasmodic activity].

Value of urinary simple phenol and indican determinations in the diagnosis of the stagnant loop syndrome.

The primary structure of porcine C3a anaphylatoxin.

Histamine release by exocytosis from rat mast cells on reduction of extracellular sodium: a secretory response inhibited by calcium, strontium, barium or magnesium.

Differential histamine release by dextran and the ionophore A23187: the actions of inhibitors.

Sensitivity to cinnamic aldehyde in a toothpaste. 2. Further studies.

Cinnamic aldehyde allergy.

Ionophore A-23187 induced histamine release from rat mast cells and rat basophil leukemia (RBL-1) cells.

Influence of IgG antibody and glycopeptide allergens on the correlation between the radioallergosorbent test (RAST) and skin testing or bronchial challenge with alternaria.

Immunoglobulin E antibody formation in response to homologous rabbit albumin heavily substituted with dinitrophenol: effect of adjuvant.

Allergic encephalomyelitis. Isolation of an encephalitogenic peptide active in the monkey.

Antigenic activity, in humans, of purified low molecular weight fractions of timothy pollen.

Asthma in the highlands of New Guinea Total IgE levels and incidence of IgE antibodies to house dust mite and *Ascaris lumbricoides*.

Serum IgE levels during the potentiated reagin response to egg albumin in rats infected with *Nippostrongylus brasiliensis*.

Antigen-induced inhibition of experimental allergic encephalomyelitis. III. Localization of an inhibitory site distinct from the major encephalitogenic determinant of myelin basic protein.

Human anaphylatoxin (C3a) from the third component of complement. Primary structure.

Oxygen and cyclic nucleotides in human umbilical artery.

A radioimmunoassay for chemically modified grass pollen allergen.

Studies on the species-variability of experimental allergic encephalomyelitis in guinea pigs and rats.

Detection of human reagins with rat peritoneal mast cells by histamine release.

Allergens of mammalian origin. III. Properties of a major feline allergen.

Non-immunogenicity of purified hyaluronic acid preparations tested by passive cutaneous anaphylaxis.

[Thin layer electrophoretic determination of biogenic amines in fishes and fish products in connection with food poisoning].

Table 2A-18 – Titles of Pubmed Records Related to Psychological Adverse Events Following Herbicide Exposure

ANOREXIA; *ANXIETY*; *CATAPLEXY*; *DEPRESSION*; *LETHARG*; *MANIA*; *PSYCHIATRIC*; *PSYCHOLOGIC*; *PSYCHOSIS*; *PSYCHOSOCIAL*; *SCHIZOPHRENI* (856)
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Melatonin increased antioxidant capacity to ameliorate growth retardation and intestinal epithelial barrier dysfunction in diquat-challenged piglets.

Glyphosate: Impact on the microbiota-gut-brain axis and the immune-nervous system, and clinical cases of multiorgan toxicity.

Abalone peptide increases stress resilience and cost-free longevity via SKN-1-governed transcriptional metabolic reprogramming in *C. elegans*.

From dysbiosis to neuropathologies: Toxic effects of glyphosate in zebrafish.

Redox imbalance and inflammation: A link to depression risk in Brazilian pesticide-exposed farmers.

The characteristics of suicide attempters in Chinese patients: Comparison of adolescents, youths, middle-aged and elderly.

Effect of Cenobamate on Cognition in Patients with Drug-Resistant Epilepsy with Focal Onset Seizures: An Exploratory Study.

Cognitive and psychiatric adverse events during adjunctive cenobamate treatment in phase 2 and phase 3 clinical studies.

Prospective study of cenobamate on cognition, affectivity, and quality of life in focal epilepsy.

[Analysis on early predictors of respiratory depression in patients with glufosinate poisoning].

Switching from zonisamide to perampanel improved the frequency of seizures caused by hyperthermia in Dravet syndrome: a case report.

Fungicides as a risk factor for the development of neurological diseases and disorders in humans: a systematic review.

Single-cell RNA-sequencing of cellular heterogeneity and pathogenic mechanisms in paraquat-induced Parkinson's disease with depression.

Association of pesticide exposure with neurobehavioral outcomes among avocado farmworkers in Mexico.

Toxic effects of organophosphate pesticide monocrotophos in aquatic organisms: A review of challenges, regulations and future perspectives.

Early and transitory hypoactivity and olfactory alterations after chronic atrazine exposure in female Sprague-Dawley rats.

Occupational exposure to polychlorinated biphenyls: Development of neuropsychological functions over time.

Neuroprotective responses of quercetin in regulation of biochemical, structural, and neurobehavioral effects in 28-day oral exposure of iron in rats.

Maternal exposure of mice to glyphosate induces depression- and anxiety-like behavior in the offspring via alterations of the gut-brain axis.

Behavioral and neuroinflammatory changes caused by glyphosate: Base herbicide in mice offspring.

Global warming and glyphosate toxicity (I): Adult zebrafish modelling with behavioural, immunohistochemical and metabolomic approaches.

Evaluation of acute toxicity and histology effect on liver of glyphosate and atrazine in the African catfish *Clarias gariepinus* (Burchell 1822).

Systematic literature review of the epidemiology of glyphosate and neurological outcomes.

106 Cases of homicide poisoning in China-A retrospective study.

Genetic Susceptibility to Neurotoxicity Related to Prenatal Inorganic Arsenic Exposure in Young Spanish Children.

Proximity to residential and workplace pesticides application and the risk of progression of Parkinson's diseases in Central California.

Prenatal exposure to pesticides and domain-specific neurodevelopment at age 12 and 18 months in Nanjing, China.

Assessing farmer's exposure to pesticides and the risk for non-communicable diseases: A biomonitoring study.

Deciphering migraine pain mechanisms through electrophysiological insights of trigeminal ganglion neurons.

Occupational exposure to pesticides and symptoms of depression in agricultural workers. A systematic review.

Surveillance of pesticide poisoning in an East and a West Malaysian hospital: characteristics of pesticide poisoning and the early impact of a national Paraquat ban.

Environmentally Mediated Health Disparities.

Recovery rates of selected body odor substances in different textiles applying various work-up and storage conditions measured by gas chromatography-mass spectrometry.

Chronic exposure to metam sodium-based pesticide in mice during adulthood elevated anxiety and depression-like behaviors: Involvement of serotonergic depletion and gut microbiota dysbiosis.

Gestational organophosphate ester exposure and preschool attention-deficit/hyperactivity disorder in the Norwegian Mother, Father, and Child cohort study.

Supplementation with sesame oil suppresses genotoxicity, hepatotoxicity and enterotoxicity induced by sodium arsenite in rats.

Exposure to bisphenol A or its phenolic analogs during early life induces different types of anxiety-like behaviors after maturity in male mice.

The Mechanisms Underlying the Pharmacological Effects of GuiPi Decoction on Major Depressive Disorder based on Network Pharmacology and Molecular Docking.

Ioxynil and diethylstilbestrol impair cardiac performance and shell growth in the mussel *Mytilus coruscus*.

Buspironone Enhances Cell Survival and Preserves Structural Integrity during Oxidative Injury to the Retinal Pigment Epithelium.

Management of Acute Ferrous Sulfate Poisoning Using Activated Charcoal Monotherapy: A Case Report.

Association between glyphosate exposure and cognitive function, depression, and neurological diseases in a representative sample of US adults: NHANES 2013-2014 analysis.

Neurotoxicity Assessment in Adult *Danio rerio* using a Battery of Behavioral Tests in a Single Tank.

Early-Life Exposure to Paraquat Aggravates Sex-Specific and Progressive Abnormal Non-Motor Neurobehavior in Aged Mice.

Parkinson's disease updates: Addressing the pathophysiology, risk factors, genetics, diagnosis, along with the medical and surgical treatment.

Impact of dioxin exposure on brain morphometry and social anxiety in men living in the most dioxin-contaminated area in Vietnam.

Internet-Purchased Sodium Azide Used in a Fatal Suicide Attempt: A Case Report and Review of the Literature.

Risk evaluation and prioritization of contaminants of emerging concern and other organic micropollutants in two river basins of central Argentina.

The herbicides glyphosate and glufosinate and the cyanotoxin \hat{I}^2 -N-methylamino-L-alanine induce long-term motor disorders following postnatal exposure: the importance of prior asymptomatic maternal inflammatory sensitization.

Mobitz type I as manifestation of acute lithium cardiotoxicity.

Urine Metabolomic Signature of People Diagnosed with Balkan Endemic Nephropathy and Other Types of Chronic Kidney Disease Compared with Healthy Subjects in Romania.

[Development and Psychometric Evaluation of a Short Questionnaire on Self-Efficacy Expectations in Dealing with Psychologically Difficult Situations (SWEPE)].

ROS downregulate TCA activity to modulate energy metabolism via the HIF/miR-34/ACS-PK pathway for lifespan extension in *Helicoverpa armigera*.

Inorganic arsenic alters the development of dopaminergic neurons but not serotonergic neurons and induces motor neuron development via Sonic hedgehog pathway in zebrafish.

[Preliminary study on the effect of fecal microbiota transplantation on neurobehavior and gut microbiota of offspring rats exposed to arsenic].

Gestational arsenic exposure induces anxiety-like behaviors in F1 female mice by dysregulation of neurological and immunological markers.

Anxiety-related behavior and associated brain transcriptome and epigenome alterations in adult female zebrafish exposed to atrazine during embryogenesis.

[Study on the Protective effect and mechanism of Nicotinamide Riboside on lung injury in paraquat intoxicated mice].

Developmental and behavioral toxicity assessment of glyphosate and its main metabolite aminomethylphosphonic acid (AMPA) in zebrafish embryos/larvae.

Pesticides and farmers' health: an analysis of variables related to management and property.

Farmers' Intended Weed Management after a Potential Glyphosate Ban in Austria.

Attenuating effect of *Prosopis cineraria* against paraquat-induced toxicity in prepubertal mice, *Mus musculus*.

Analysis of serum levels of organochlorine pesticides and related factors in Parkinson's disease.

Acrolein, an endogenous aldehyde induces Alzheimer's disease-like pathologies in mice: A new sporadic AD animal model.

Association of urinary arsenic and sleep disorder in the US population: NHANES 2015-2016.

Pesticide exposure and cortical brain activation among farmworkers in Costa Rica.

Cinnamaldehyde prevents intergenerational effect of paternal depression in mice via regulating GR/miR-190b/BDNF pathway.

A Deadly Herbicide 'Paraquat Poisoning' and Miserable Death of a 19 Years Boy.

Prenatal arsenic exposure, arsenic methylation efficiency, and neuropsychological development among preschool children in a Spanish birth cohort.

Comparison of modes of action between fish, cell and mitochondrial toxicity based on toxicity correlation, excess toxicity and QSAR for class-based compounds.

[Expression and Regulatory Mechanism of Autophagy-related Genes in Synovial Tissues of Patients with Rheumatoid Arthritis].

Bacterial neurotoxic metabolites in multiple sclerosis cerebrospinal fluid and plasma.

Gut mobilization improves behavioral symptoms and modulates urinary p-cresol in chronically constipated autistic children: A prospective study.

Comparative Biochemical Profiling of Aluminum Chloride and Sodium Azide Induced Neuroinflammation and Cardiometabolic Disturbance.

Ryanodine receptor-active non-dioxin-like polychlorinated biphenyls cause neurobehavioral deficits in larval zebrafish.

Anxiety and Gene Expression Enhancement in Mice Exposed to Glyphosate-Based Herbicide.

Atrazine and Diuron Effects on Survival, Embryo Development, and Behavior in Larvae and Adult Zebrafish.

Is the Use of Glyphosate in Modern Agriculture Resulting in Increased Neuropsychiatric Conditions Through Modulation of the Gut-brain-microbiome Axis?

Disulfiram Produces Potent Anxiolytic-Like Effects Without Benzodiazepine Anxiolytics-Related Adverse Effects in Mice.

Rare co-inherited alpha-thalassemia minor and beta-thalassemia minor with heterozygous H63D mutation mistaken as iron deficiency anemia: a case report.

Effects of 2,4-dichlorophenoxyacetic acid on the expression of NLRP3 inflammasome and autophagy-related proteins as well as the protective effect of Lycium barbarum polysaccharide in neonatal rats.

A subchronic low-dose exposure of a glyphosate-based herbicide induces depressive and anxious-like behavior in mice: quercetin therapeutic approach.

Thoracic radiographic features of fatal paraquat intoxication in eleven dogs.

Variable inbreeding depression may explain associations between the mating system and herbicide resistance in the common morning glory.

Transient glyphosate encephalopathy due to a suicide attempt.

Associations between pesticide mixtures applied near home during pregnancy and early childhood with adolescent behavioral and emotional problems in the CHAMACOS study.

Glyphosate-based herbicides affect behavioural patterns of the livebearer *Jenynsia multidentata*.

Agent Orange Exposure and Dementia Diagnosis in US Veterans of the Vietnam Era.

Protective effects of black seed (*Nigella sativa*) diet supplementation in common carp (*Cyprinus carpio*) against immune depression, oxidative stress and metabolism dysfunction induced by glyphosate.

Glyphosate targets fish monoaminergic systems leading to oxidative stress and anxiety.

Psychosocial impairment following mild blast-induced traumatic brain injury in rats.

Reasons for under-reporting of paraquat poisoning in India.

The Keap1/Nrf2-ARE signaling pathway is involved in atrazine induced dopaminergic neurons degeneration via microglia activation.

The Herbicide Atrazine Potentiates Angiotensin II-Induced Aldosterone Synthesis and Release From Adrenal Cells.

Behavioural responses of *Phlebotomus duboscqi* to plant-derived volatile organic compounds.

The Pharmacology and Clinical Efficacy of Antiseizure Medications: From Bromide Salts to Cenobamate and Beyond.

The microbial metabolite p-Cresol induces autistic-like behaviors in mice by remodeling the gut microbiota.

Metam sodium exposure during pregnancy and lactation in mice caused behavioral abnormalities and oxidative stress in offspring.

"That's Not His Regular Formula": A Case of Organophosphate Poisoning in an Infant.

The ups and downs of alkyl-carbamates in epilepsy therapy: How does cenobamate differ?

Neurobehavioural and cognitive effects of prenatal exposure to organochlorine compounds in three year old children.

Gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in mice: Neurobehavioral effects on female offspring.

An enriched biosignature of gut microbiota-dependent metabolites characterizes maternal plasma in a mouse model of fetal alcohol spectrum disorder.

Protein-Bound Uremic Toxins and Immunity.

Why is the Incidence of Type 1 Diabetes Increasing?

Rapid Glomerulotubular Nephritis as an Initial Presentation of a Lethal Diquat Ingestion.

Chronic exposure to environmentally realistic levels of diuron impacts the behaviour of adult marine medaka (*Oryzias melastigma*).

Prolonged cognitive dysfunction in patient with splenial lesion of the corpus callosum caused by glufosinate ammonium poisoning.

The Association between Child and Parent Psychiatric Disorders in Families Exposed to Flood and/or Dioxin.

2,4-Dichlorophenoxyacetic Acid Poisoning Mimicking as Organophosphorus Poisoning.

Lethality-Associated Factors in Deliberate Self-Poisoning.

Brain alterations in GABA, glutamate and glutamine markers after chronic atrazine exposure in the male albino rat.

Behavioural toxicity of environmental relevant concentrations of a glyphosate commercial formulation - RoundUp® UltraMax - During zebrafish embryogenesis.

Control of the neuroprotective Lipocalin Apolipoprotein D expression by alternative promoter regions and differentially expressed mRNA 5' UTR variants.

Environmental Pollution, Oxidative Stress and Thioretinaco Ozonide: Effects of Glyphosate, Fluoride and Electromagnetic Fields on Mitochondrial Dysfunction in Carcinogenesis, Atherogenesis and Aging.

Paternal exposure to a common herbicide alters the behavior and serotonergic system of zebrafish offspring.

Intranasal glyphosate-based herbicide administration alters the redox balance and the cholinergic system in the mouse brain.

Toxic effects of fluridone on early developmental stages of Japanese Medaka (*Oryzias latipes*).

[Effects of acute paraquat poisoning on cognitive ability in humans].

Long-term spatial tracking of cells affected by environmental insults.

Evaluation of the effectiveness of valproic acid for treating cyanotic breath holding spells: A Pilot prospective study.

p-Cresol Sulfate Caused Behavior Disorders and Neurodegeneration in Mice with Unilateral Nephrectomy Involving Oxidative Stress and Neuroinflammation.

Synthesis and biological evaluation of thioadatanserin and its dialkylated products as partial 5-HTR(1A) agonists and 5-HTR(2A) antagonists for potential use in depression and anxiety disorders.

Water Exercise and Quality of Life in Pregnancy: A Randomised Clinical Trial.

Prenatal exposure to the pesticide metam sodium induces sensorimotor and neurobehavioral abnormalities in mice offspring.

Health effects of nutrients and environmental pollutants in Baltic herring and salmon: a quantitative benefit-risk assessment.

The developmental neurotoxicity of legacy vs. contemporary polychlorinated biphenyls (PCBs): similarities and differences.

Quantitative seasonal variation of the falcarinol-type polyacetylene (3S)-16,17-didehydrofalcarinol and its spatial tissue distribution in *Tridax procumbens*.

Cyclophosphamide-induced cystitis results in NLRP3-mediated inflammation in the hippocampus and symptoms of depression in rats.

Modulating microbiota metabolism via bioaugmentation with *Lactobacillus casei* and *Acetobacter pasteurianus* to enhance acetoin accumulation during cereal vinegar fermentation.

Skin burns from monochloroacetic acid leak in a chemical plant: a case report.

Devil's claw (*Harpagophytum procumbens*) ameliorates the neurobehavioral changes and neurotoxicity in female rats exposed to arsenic.

P-cresol Alters Brain Dopamine Metabolism and Exacerbates Autism-Like Behaviors in the BTBR Mouse.

Resident risk attitude analysis in the decision-making management of waste incineration construction.

Lactobacillus probiotics improved the gut microbiota profile of a *Drosophila melanogaster* Alzheimer's disease model and alleviated neurodegeneration in the eye.

Neuropsychiatric manifestations of methyl iodide toxicity.

Bacopa monnieri Supplements Offset Paraquat-Induced Behavioral Phenotype and Brain Oxidative Pathways in Mice.

Trans-cinnamaldehyde shows anti-depression effect in the forced swimming test and possible involvement of the endocannabinoid system.

Inorganic arsenic exposure and neuropsychological development of children of 4-5 years of age living in Spain.

The effects of cinnamaldehyde on acute or chronic stress-induced anxiety-related behavior and locomotion in male mice.

Lesion of the Locus Coeruleus Damages Learning and Memory Performance in Paraquat and Maneb-induced Mouse Parkinson's Disease Model.

The effect of chronic vitamin deficiency and long term very low dose exposure to 6 pesticides mixture on neurological outcomes - A real-life risk simulation approach.

Occupational Health and Safety in the Palm Oil Industry: A Systematic Review.

Protective effect of gallic acid against arsenic-induced anxiety-/depression- like behaviors and memory impairment in male rats.

Cardioprotective properties of opioid receptor agonists in rats with stress-induced cardiac injury.

Extragenital cutaneous warts - clinical presentation, diagnosis and treatment.

Comparative liver function assessment of natural and available drug (Ferrous sulfate) for iron-deficiency anemia in rat model.

Prenatal dioxin exposure and neuropsychological functioning in the Seveso Second Generation Health Study.

Moderate Physical Activity in an Aquatic Environment During Pregnancy (SWEF Study) and Its Influence in Preventing Postpartum Depression.

Effects of Simvastatin on Fetal Cardiac Impairment in the Diaphragmatic Experimental Hernia Model.

Chronic unpredictable stress influenced the behavioral but not the neurodegenerative impact of paraquat.

Severe ARDS Complicating an Acute Intentional Cresol Poisoning.

Development of a carbon-11 PET radiotracer for imaging TRPC5 in the brain.

DISC1 promotes translation maintenance during sodium arsenite-induced oxidative stress.

Relative Importance of Posttraumatic Stress Disorder and Depression in Predicting Risk of Suicide among a Cohort of Vietnam Veterans.

Depressive Symptoms After PCB Exposure: Hypotheses for Underlying Pathomechanisms via the Thyroid and Dopamine System.

The effects of hesperidin on sodium arsenite-induced different organ toxicity in rats on metabolic enzymes as antidiabetic and anticholinergics potentials: A biochemical approach.

Synthesis and evaluation of 4-(2-fluoro-4-[(11)C]methoxyphenyl)-5-((2-methylpyridin-4-yl)methoxy)picolinamide for PET imaging of the metabotropic glutamate receptor 2 in the rat brain.

Microscopic structure of albino rats' small intestine.

Mice exposure to haloxyfop-p-methyl ester at predicted environmentally relevant concentrations leads to anti-predatory response deficit.

LC3-II may mediate ATR-induced mitophagy in dopaminergic neurons through SQSTM1/p62 pathway.

Perinatal Glyphosate-Based Herbicide Exposure in Rats Alters Brain Antioxidant Status, Glutamate and Acetylcholine Metabolism and Affects Recognition Memory.

Glyphosate based- herbicide exposure affects gut microbiota, anxiety and depression-like behaviors in mice.

[Analysis of pesticide poisoning in Ji'nan during 2012-2016].

From TBT to booster biocides: Levels and impacts of antifouling along coastal areas of Panama.

Sodium Selenite Prevents Paraquat-Induced Neurotoxicity in Zebrafish.

Evidence the U.S. autism epidemic initiated by acetaminophen (Tylenol) is aggravated by oral antibiotic amoxicillin/clavulanate (Augmentin) and now exponentially by herbicide glyphosate (Roundup).

Neurological and Neurophysiological Findings in Workers with Chronic 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Intoxication 50 Years After Exposure.

Glyphosate ingestion causing multiple organ failure: a near-fatal case report.

Treatment Outcome of Combined Continuous Venovenous Hemofiltration and Hemoperfusion in Acute Paraquat Poisoning: A Prospective Controlled Trial.

Administration of cinnamaldehyde promotes osteogenesis in ovariectomized rats and differentiation of osteoblast in *in vitro*.

Short communication: Investigation of antibiotic alternatives to improve health and growth of veal calves.

Sociodemographic and clinical characteristics of old-old suicide attempters compared with young-old and middle-aged attempters.

Prenatal exposure to persistent organic pollutants and cognition and motor performance in adolescence.

Defining the viability of tardigrades with a molecular sensor related to death.

A Prospective Randomised Controlled Trial of a Single Intravenous Infusion of Ferric Carboxymaltose vs Single Intravenous Iron Polymaltose or Daily Oral Ferrous Sulphate in the Treatment of Iron Deficiency Anaemia in Pregnancy.

Risk of Alzheimer's disease with metal concentrations in whole blood and urine: A case-control study using propensity score matching.

The association of adverse mental health effects with repeated exposure to disasters.

Risk perceptions of public health and food safety hazards in poultry husbandry by citizens, poultry farmers and poultry veterinarians.

[Importance of Two Birth Cohorts (n=20,926 and n=514): 15 Years' Experience of the Hokkaido Study on Environment and Children's Health: Malformation, Development and Allergy].

Psychic euosmia and obsessive compulsive personality disorder.

Early-life stress induces motor coordination dysfunction in adult mice.

Distinct psychopathology of patients who attempted suicide with rodenticide in Taiwan: a comparative study with patients of suicide with paraquat.

Modulation of the Oxidative Stress and Lipid Peroxidation by Endocannabinoids and Their Lipid Analogues.

Dietary cyanogen exposure and early child neurodevelopment: An observational study from the Democratic Republic of Congo.

Clostridium Bacteria and Autism Spectrum Conditions: A Systematic Review and Hypothetical Contribution of Environmental Glyphosate Levels.

Neurocognitive and physical functioning in the Seveso Women's Health Study.

Mixture Toxicity of Bensulfuron-Methyl and Acetochlor to Red Swamp Crayfish (*Procambarus clarkii*): Behavioral, Morphological and Histological Effects.

Behavioral impairments following repeated intranasal glyphosate-based herbicide administration in mice.

Effects of the herbicide triclopyr on metamorphic northern red-legged frogs.

Developmental exposure to glyphosate-based herbicide and depressive-like behavior in adult offspring: Implication of glutamate excitotoxicity and oxidative stress.

Role of TRPA1 in acute cardiopulmonary toxicity of inhaled acrolein.

Phenelzine Protects Brain Mitochondrial Function In Vitro and In Vivo following Traumatic Brain Injury by Scavenging the Reactive Carbonyls 4-Hydroxynonenal and Acrolein Leading to Cortical Histological Neuroprotection.

Neuropsychological effects of occupational exposure to polychlorinated biphenyls.

Occupational exposure to pesticides are associated with fixed airflow obstruction in middle-age.

Use of anthropogenic nitrogen fertilizers in agriculture is associated with per capita ethanol consumption.

Thiamine and benfotiamine prevent stress-induced suppression of hippocampal neurogenesis in mice exposed to predation without affecting brain thiamine diphosphate levels.

Prenatal Exposure to Glycol Ethers and Neurocognitive Abilities in 6-Year-Old Children: The PELAGIE Cohort Study.

Severe Self-Inflicted Acute Ocular Siderosis Caused by an Iron Tablet in the Conjunctival Fornix.

A Method for Diagnosing Alzheimer's Disease Based on Salivary Amyloid- β^2 Protein 42 Levels.

[(11)C]PF-3274167 as a PET radiotracer of oxytocin receptors: Radiosynthesis and evaluation in rat brain.

The Burden of Mental Illness Among Veterans: Use of VHA Health Care Services by Those With Service-connected Conditions.

Polychlorinated biphenyls and depression: cross-sectional and longitudinal investigation of a dopamine-related Neurochemical path in the German HELPCB surveillance program.

The effect of adding ferrous sulfate to methylphenidate on attention-deficit/hyperactivity disorder in children.

Behavioral and Immunohistochemical Study of the Effects of Subchronic and Chronic Exposure to Glyphosate in Mice.

Absence of genotoxic effects of the chalcone (E)-1-(2-hydroxyphenyl)-3-(4-methylphenyl)-prop-2-en-1-one) and its potential chemoprevention against DNA damage using in vitro and in vivo assays.

Synthesis and evaluation of 1-(cyclopropylmethyl)-4-(4-[(11)C]methoxyphenyl)-piperidin-1-yl-2-oxo-1,2-dihydropyridine-3-carbonitrile ([11C]CMDC) for PET imaging of metabotropic glutamate receptor 2 in the rat brain.

Correlation between brain damage, associated biomarkers, and medication in psychiatric inpatients: A cross-sectional study.

Prenatal Paraquat exposure induces neurobehavioral and cognitive changes in mice offspring.

Does nitrate co-pollution affect biological responses of an aquatic plant to two common herbicides?

Exposure to a glyphosate-based herbicide during pregnancy and lactation induces neurobehavioral alterations in rat offspring.

Neurology in the Vietnam War.

Reversal of diabetes-induced behavioral and neurochemical deficits by cinnamaldehyde.

Structural and biochemical abnormalities in the absence of acute deficits in mild primary blast-induced head trauma.

Appetite-enhancing Effects of trans-Cinnamaldehyde, Benzylacetone and 1-Phenyl-2-butanone by Inhalation.

Attempted Suicide: A Cross-Sectional Survey 2015.

Prenatal dioxin exposure and neurocognitive development in Hong Kong 11-year-old children.

Paired suicide in a young refugee couple on the Thai-Myanmar border.

The influence of maternal dietary exposure to dioxins and PCBs during pregnancy on ADHD symptoms and cognitive functions in Norwegian preschool children.

Effects of Perinatal Dioxin Exposure on Development of Children during the First 3 Years of Life.

METABOLIC DYSBIOSIS OF THE GUT MICROBIOTA AND ITS BIOMARKERS.

Indoxyl sulfate, not p-cresyl sulfate, is associated with cognitive impairment in early-stage chronic kidney disease.

[Not Available].

Impacts of Perinatal Dioxin Exposure on Motor Coordination and Higher Cognitive Development in Vietnamese Preschool Children: A Five-Year Follow-Up.

Melatonergic System in Parkinson's Disease: From Neuroprotection to the Management of Motor and Nonmotor Symptoms.

Delayed cognitive and psychiatric symptoms following methyl iodide and manganese poisoning: Potential for misdiagnosis.

Risk Factors for Herpes Zoster Among Adults.

Signaling mechanisms underlying the glioprotective effects of resveratrol against mitochondrial dysfunction.

Synthesis, Cytotoxic Activity on Leukemia Cell Lines and Quantitative Structure-Activity Relationships (QSAR) Studies of Morita-Baylis-Hillman Adducts.

The impact of combined administration of paraquat and maneb on motor and non-motor functions in the rat.

Cinnamaldehyde in a Novel Intravenous Submicrometer Emulsion: Pharmacokinetics, Tissue Distribution, Antitumor Efficacy, and Toxicity.

Effects of dietary supplementation with glutamate and aspartate on diquat-induced oxidative stress in piglets.

Glyphosate, pathways to modern diseases III: Manganese, neurological diseases, and associated pathologies.

Neurobehavioral effects of concurrent exposure to cesium-137 and paraquat during neonatal development in mice.

Use of In Vivo and In Vitro Data to Derive a Chronic Reference Value for Crotonaldehyde Based on Relative Potency to Acrolein.

Cinnamic aldehyde treatment alleviates chronic unexpected stress-induced depressive-like behaviors via targeting cyclooxygenase-2 in mid-aged rats.

Perinatal dioxin exposure and psychosocial and behavioral development in school-aged children.

Effect of correction of anemia on echocardiographic and clinical parameters in patients with aortic stenosis involving a three-cuspid aortic valve and normal left ventricular ejection fraction.

Pregnant women in Timis County, Romania are exposed primarily to low-level (10^{-4}g/l) arsenic through residential drinking water consumption.

Health related quality of life and polychlorinated biphenyls and dibenzofurans exposure: 30 years follow-up of Yucheng cohort.

[Development of Higher Brain Function Tests in Rodents and Its Application to Neurotoxicity Assessment of Environmental Chemicals].

Paraquat and psychological stressor interactions as pertains to Parkinsonian co-morbidity.

Paralytic ileus induced by glyphosate intoxication successfully treated using Kampo medicine.

Contribution of impaired myofibril and ryanodine receptor function to prolonged low-frequency force depression after in situ stimulation in rat skeletal muscle.

Effects of combined ferrous sulfate administration and exposure to static magnetic field on brain oxidative stress and emotional behavior.

Lactational exposure to low levels of the six indicator non-dioxin-like polychlorinated biphenyls induces DNA damage and repression of neuronal activity, in juvenile male mice.

Effect of occupational polychlorinated biphenyls exposure on quality-adjusted life years over time at the HELPCB surveillance program.

Psychiatric comorbidity and its impact on mortality in patients who attempted suicide by paraquat poisoning during 2000-2010.

Unilateral hippocampal infarction associated with an attempted suicide: a case report.

Effects of glyphosate on growth rate, metabolic rate and energy reserves of early juvenile crayfish, *Cherax quadricarinatus* M.

Long-term exposure to paraquat alters behavioral parameters and dopamine levels in adult zebrafish (*Danio rerio*).

Lithium prevents acrolein-induced neurotoxicity in HT22 mouse hippocampal cells.

In vitro biological activity of decoction of Joshanda.

Clinico-hematological and tissue changes induced by butachlor in male Japanese quail (*Coturnix japonica*).

Hemodialysis clearance of glyphosate following a life-threatening ingestion of glyphosate-surfactant herbicide.

The blockade of transient receptor potential ankirin 1 (TRPA1) signalling mediates antidepressant- and anxiolytic-like actions in mice.

Parkinson's disease, lights and melanocytes: looking beyond the retina.

Neurological and neurophysiological examinations of workers exposed to arsenic levels exceeding hygiene standards.

2,3,7,8-Tetrachlorodibenzo-p-dioxin in breast milk increases autistic traits of 3-year-old children in Vietnam.

Pesticide exposure and depression among male private pesticide applicators in the agricultural health study.

Neurodevelopmental retardation, as assessed clinically and with magnetoencephalography and electroencephalography, associated with perinatal dioxin exposure.

Role of the autonomic nervous system and baroreflex in stress-evoked cardiovascular responses in rats.

Disruption of paired-associate learning in rat offspring perinatally exposed to dioxins.

Elevated blood pressure in offspring of rats exposed to diverse chemicals during pregnancy.

Synthesis and evaluation of novel 2,3-dihydrobenzo[b][1,4]dioxin- and indolealkylamine derivatives as potential antidepressants.

Ammonium increases Ca(2+) signalling and up-regulates expression of TRPC1 gene in astrocytes in primary cultures and in the in vivo brain.

^{11}C -ORM-13070, a novel PET ligand for brain α_1 -adrenoceptors: radiometabolism, plasma pharmacokinetics, whole-body distribution and radiation dosimetry in healthy men.

A PET Tracer for Brain α_2 Adrenoceptors, ^{11}C -ORM-13070: Radiosynthesis and Preclinical Evaluation in Rats and Knockout Mice.

No requirement of TRPV1 in long-term potentiation or long-term depression in the anterior cingulate cortex.

The environmental neurotoxicant PCB 95 promotes synaptogenesis via ryanodine receptor-dependent miR132 upregulation.

Antioxidative effect of rice bran oil and medium chain fatty acid rich rice bran oil in arsenite induced oxidative stress in rats.

Pesticide exposure and depression among agricultural workers in France.

Short-term atrazine exposure causes behavioral deficits and disrupts monoaminergic systems in male C57BL/6 mice.

Effects of chemical and handling exposure on fatty acids, oxidative stress and morphological welfare indicators in gilt-head sea bream (*Sparus aurata*).

Depressive symptoms and severity of acute occupational pesticide poisoning among male farmers.

Opposite motor responses elicited by ethanol in the posterior VTA: the role of acetaldehyde and the non-metabolized fraction of ethanol.

The relationships between pesticide metabolites and neurobehavioral test performance in the third National Health and Nutrition Examination Survey.

Role of the Toll Like receptor (TLR) radical cycle in chronic inflammation: possible treatments targeting the TLR4 pathway.

Multiple micronutrient supplementation reduces anemia and anxiety in rural China's elementary school children.

Deletion or activation of the aryl hydrocarbon receptor alters adult hippocampal neurogenesis and contextual fear memory.

Teratogenic effects of 4-nonylphenol on early embryonic and larval development of the catfish *Heteropneustes fossilis*.

Urinary p-cresol in autism spectrum disorder.

[Reduction in alcohol consumption: therapeutic goal in alcohol dependence treatment].

Association between uremic toxins and depression in patients with chronic kidney disease undergoing maintenance hemodialysis.

p-Cresol sulfate and indoxyl sulfate induce similar cellular inflammatory gene expressions in cultured proximal renal tubular cells.

Glyphosate, pathways to modern diseases II: Celiac sprue and gluten intolerance.

Effects of oral anorexiant sibutramine on the expression of cytochromes P450s in human hepatocytes and cancer cell lines.

Rodent models of Parkinson's disease: beyond the motor symptomatology.

Military risk factors for cognitive decline, dementia and Alzheimer's disease.

Histopathological changes in the liver of rabbits exposed to high nitrate ingestion in drinking water.

MRI brain in monohalomethane toxic encephalopathy: A case report.

Histopathological changes induced by paraquat on some tissues of gourami fish (*Trichogaster trichopterus*).

Hepatic protein expression networks associated with masculinization in the female fathead minnow (*Pimephales promelas*).

Sensory irritation response in rats II: recovery and dose-dependence.

[Effects of ulinastatin on myocardial injury induced by acute paraquat poisoning].

Atrazine does not induce pica behavior at doses that increase hypothalamic-pituitary-adrenal axis activation and cause conditioned taste avoidance.

Intrastriatal pre-treatment with L-NAME protects rats from diquat neurotoxicity.

Attenuation of mouse somatic and emotional inflammatory pain by hydralazine through scavenging acrolein and inhibiting neuronal activation.

Increased protein-conjugated acrolein and amyloid- β 40/42 ratio in plasma of patients with mild cognitive impairment and Alzheimer's disease.

Increased expression of SVCT2 in a new mouse model raises ascorbic acid in tissues and protects against paraquat-induced oxidative damage in lung.

Bath salt intoxication causing acute kidney injury requiring hemodialysis.

[Chronic central nervous system effects of pesticides: state-of-the-art].

Formulation of oryzalin (ORZ) liposomes: in vitro studies and in vivo fate.

Mental health in Alberta grain farmers using pesticides over many years.

Effect of iron supplementation on fatigue in nonanemic menstruating women with low ferritin: a randomized controlled trial.

Fetal exposure to propoxur and abnormal child neurodevelopment at 2 years of age.

Inorganic arsenic and basal cell carcinoma in areas of Hungary, Romania, and Slovakia: a case-control study.

Sustained NMDA receptor activation by spreading depolarizations can initiate excitotoxic injury in metabolically compromised neurons.

Neuropsychiatric manifestations of methyl iodide.

Paraquat induces behavioral changes and cortical and striatal mitochondrial dysfunction.

The effects of paraquat on regional brain neurotransmitter activity, hippocampal BDNF and behavioural function in female mice.

In situ aquatic bioassessment of pesticides applied on rice fields using a microalga and daphnids.

Protective effects of atypical antipsychotic drugs against MPP(+)-induced oxidative stress in PC12 cells.

Intermittent iron supplementation for reducing anaemia and its associated impairments in menstruating women.

Surprises perilous: toxic health hazards for employees unloading fumigated shipping containers.

Exposure to iodomethane and dichloromethane associated with a confusional state.

Metabolic stress modulates motor patterning via AMP-activated protein kinase.

NTP toxicity studies of toxicity studies of 2,4-decadienal (CAS No. 25152-84-5) administered by gavage to F344/N Rats and B6C3F1 mice.

Effect of glyphosate on the microbial activity of two Romanian soils.

Weed control in conventional and transgenic maize with resistance to glyphosate.

Increased levels of 4-hydroxynonenal and acrolein in the brain in preclinical Alzheimer disease.

Transgenerational memory effect of ageing in *Drosophila*.

Effect of dietary tea polyphenols on growth performance and cell-mediated immune response of post-weaning piglets under oxidative stress.

Environmental and familial risk factors of Parkinsons disease: case-control study.

Early onset of neurological symptoms in fragile X premutation carriers exposed to neurotoxins.

Developmental exposure to polychlorinated biphenyls 52, 138 or 180 affects differentially learning or motor coordination in adult rats. Mechanisms involved.

Withdrawal symptoms after gabapentin discontinuation.

Complex gene-chemical interactions: hepatic uroporphyrin as a paradigm.

5-FU for genital warts in non-immunocompromised individuals.

Out-of-hospital cardiac arrest caused by acute intoxication.

[Neurodevelopmental disorders in response to hormonally active environmental pollutants].

Attenuation of rotenone-induced mitochondrial oxidative damage and neurotoxicity in *Drosophila melanogaster* supplemented with creatine.

A study of neurologic symptoms on exposure to organophosphate pesticides in the children of agricultural workers.

Aldehyde dehydrogenase 2 knockout accentuates ethanol-induced cardiac depression: role of protein phosphatases.

Sensory detection and responses to toxic gases: mechanisms, health effects, and countermeasures.

Maternal exposure to dioxin reduces hypothalamic but not pituitary metabolome in fetal rats: a possible mechanism for a fetus-specific reduction in steroidogenesis.

Distribution of PCBs, their hydroxylated metabolites, and other phenolic contaminants in human serum from two European countries.

High-resolution imaging of brain 5-HT 1B receptors in the rhesus monkey using [¹¹C]P943.

[Epigenetic mechanism of depression].

Lipid oxidation and peroxidation in CNS health and disease: from molecular mechanisms to therapeutic opportunities.

Interferon-gamma deficiency modifies the motor and co-morbid behavioral pathology and neurochemical changes provoked by the pesticide paraquat.

Morbidity in former sawmill workers exposed to pentachlorophenol (PCP): a cross-sectional study in New Zealand.

Regional differences in time to pregnancy among fertile women from five Colombian regions with different use of glyphosate.

[Analysis of bialaphos and its active metabolite L-glufosinate in biological specimens by HPLC].

Effects of prolonged iron overload and low frequency electromagnetic exposure on spatial learning and memory in the young rat.

Lysozyme, a mediator of sepsis that intrinsically generates hydrogen peroxide to cause cardiovascular dysfunction.

Fetal and neonatal exposure to three typical environmental chemicals with different mechanisms of action: mixed exposure to phenol, phthalate, and dioxin cancels the effects of sole exposure on mouse midbrain dopaminergic nuclei.

Chronic health impairment due to 2,3,7,8-tetrachloro-dibenzo-p-dioxin exposure.

Prenatal exposure to organohalogenes, including brominated flame retardants, influences motor, cognitive, and behavioral performance at school age.

Metabolic effects of dark chocolate consumption on energy, gut microbiota, and stress-related metabolism in free-living subjects.

A forward genetic screen in *Drosophila* implicates insulin signaling in age-related locomotor impairment.

Analysis of PCB congeners related to cognitive functioning in adolescents.

Role of the bed nucleus of the stria terminalis in the cardiovascular responses to acute restraint stress in rats.

Acute alachlor and butachlor herbicide poisoning.

[Effect of Atrazine on the content of calcium and expression of calmodulin in splenocytes of mice].

Effect of long-term exposure to simazine on brain and muscle acetylcholinesterase activity of common carp (*Cyprinus carpio*).

Metabolic acidosis in prometryn (triazine herbicide) self-poisoning.

Developmental immunotoxicity of atrazine in rodents.

Reduction in the anxiolytic effects of ethanol by centrally formed acetaldehyde: the role of catalase inhibitors and acetaldehyde-sequestering agents.

Cyclooxygenase-2 deficiency modifies the neurochemical effects, motor impairment and co-morbid anxiety provoked by paraquat administration in mice.

New insights into uremic toxicity.

Recent progress and diverse effects in developmental immunotoxicology: overview of a symposium at the 46th Annual SOT Meeting, Charlotte, NC.

Impairment of short-term memory associated with low iron stores in a volunteer multidose plateletpheresis donor.

Blockade of the aryl hydrocarbon receptor pathway triggered by dioxin, polycyclic aromatic hydrocarbons and cigarette smoke by *Phellinus linteus*.

Chronic exposure to glufosinate-ammonium induces spatial memory impairments, hippocampal MRI modifications and glutamine synthetase activation in mice.

Influences of perinatal dioxin load to visual motion and oddball stimuli examined with an EEG and MEG analysis.

Relationship of impaired olfactory function in ESRD to malnutrition and retained uremic molecules.

Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants.

Neuropharmacological profile of novel and selective 5-HT₆ receptor agonists: WAY-181187 and WAY-208466.

Neurological manifestation of methyl bromide intoxication.

Effects of dimethylarsinic and dimethylarsinous acid on evoked synaptic potentials in hippocampal slices of young and adult rats.

3,4-dichloropropionaniline suppresses normal macrophage function.

Cortical spreading depression releases ATP into the extracellular space and purinergic receptor activation contributes to the induction of ischemic tolerance.

Randomized trial of early versus late enteral iron supplementation in infants with a birth weight of less than 1301 grams: neurocognitive development at 5.3 years' corrected age.

Hostility, anger, and depression predict increases in C3 over a 10-year period.

The menace of endocrine disruptors on thyroid hormone physiology and their impact on intrauterine development.

Neurological and neurophysiological examinations on workers with chronic poisoning by 2,3,7,8-TCDD: follow-up 35 years after exposure.

[Sodium azide--clinical course of the poisoning and treatment].

SLV313 (1-(2,3-dihydro-benzo[1,4]dioxin-5-yl)-4-[5-(4-fluoro-phenyl)-pyridin-3-ylmethyl]-piperazine monohydrochloride): a novel dopamine D2 receptor antagonist and 5-HT1A receptor agonist potential antipsychotic drug.

Effect of 2,4-dinitrophenol under non-oxygenated condition in pons-medulla-spinal cord preparations in newborn rats: comparison with medulla-spinal cord preparations.

NTP Technical Report on the comparative toxicity studies of allyl acetate (CAS No. 591-87-7), allyl alcohol (CAS No. 107-18-6) and acrolein (CAS No. 107-02-8) administered by gavage to F344/N rats and B6C3F1 mice.

Increased resistance to free radical damage induced by low-level sound conditioning.

Effects of self-fertilization, environmental stress and exposure to xenobiotics on fitness-related traits of the freshwater snail *Lymnaea stagnalis*.

The residual effect of imazethapyr applied in soybean to barley and winter wheat in Romania.

Follow-up of 180 alcoholic patients for up to 7 years after outpatient treatment: impact of alcohol deterrents on outcome.

[Disulfiram-induced delirium: a case report].

Covariation of psychological attributes and incident coronary heart disease in U.S. Air Force veterans of the Vietnam war.

Mental health status of municipal solid waste incinerator workers compared with local government office workers.

Clozapine bioactivation induces dose-dependent, drug-specific toxicity of human bone marrow stromal cells: a potential in vitro system for the study of agranulocytosis.

Perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin suppresses contextual fear conditioning-accompanied activation of cyclic AMP response element-binding protein in the hippocampal CA1 region of male rats.

Adverse health effects in humans exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Bothrops moojeni myotoxin-II, a Lys49-phospholipase A2 homologue: an example of function versatility of snake venom proteins.

Blockade of intracellular calcium release induces an antidepressant-like effect in the mouse forced swimming test.

Arsenic exposure in Hungary, Romania and Slovakia.

Role of the medial prefrontal cortex in cardiovascular responses to acute restraint in rats.

Psychological determinants of reactions to food risk messages.

Historical approaches to post-combat disorders.

Effect of chlorpromazine on bone sialoprotein (BSP) gene transcription.

Effect of dissolved organic matter on the toxicity of chlorotoluron to *Triticum aestivum*.

Comparative effects of the Roundup and glyphosate on mitochondrial oxidative phosphorylation.

Risk factors for acute pesticide poisoning in Sri Lanka.

Modeling and predicting stress-induced immunosuppression in mice using blood parameters.

Various bilateral olfactory deficits in male patients with schizophrenia.

[Orthorexia nervosa. A new eating behavior disorder?].

Acute methyl iodide exposure with delayed neuropsychiatric sequelae: report of a case.

Good bug, bad bug: in the case of enteric inflammatory disease does the epithelium decide?

Formulated glyphosate activates the DNA-response checkpoint of the cell cycle leading to the prevention of G2/M transition.

Kerry & Agent Orange.

Poisoning due to chlorophenoxy herbicides.

External Qi therapy to treat symptoms of Agent Orange Sequelae in Korean combat veterans of the Vietnam War.

Inhibition of cardiac myocyte contraction by 4-hydroxy-trans-2-nonenal.

Women and omega-3 Fatty acids.

Expression of hypothalamic neuropeptides after acute TCDD treatment and distribution of Ah receptor repressor.

Fatal poisoning in Jamaica: a coroner's autopsy study from the University Hospital of the West Indies.

Effects of perinatal exposure to PCBs on neuropsychological functions in the Rotterdam cohort at 9 years of age.

Effect of epidermal growth factor on pulmonary hypoplasia in experimental diaphragmatic hernia.

Characteristics of 3,5,3'-triiodothyronine (T3)-uptake system of tadpole red blood cells: effect of endocrine-disrupting chemicals on cellular T3 response.

The herbicide dicamba (2-methoxy-3,6-dichlorobenzoic acid) interacts with mitochondrial bioenergetic functions.

Health effects on nearby residents of a wood treatment plant.

Serum dioxin and psychological functioning in U.S. Air Force veterans of the Vietnam War.

Pentachlorophenol poisoning.

Comparison of cyanamide and placebo in the treatment of alcohol dependence of adolescents.

Risk factors for course of posttraumatic stress disorder among Vietnam veterans: a 14-year follow-up of American Legionnaires.

Opposing effects of low and high-dose clozapine on survival of transgenic amyotrophic lateral sclerosis mice.

Effects of perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on spatial and visual reversal learning in rats.

Iron supplementation for unexplained fatigue in non-anaemic women: double blind randomised placebo controlled trial.

Higher susceptibility of newborn than young rats to 3-methylphenol.

Health impacts of pesticide exposure in a cohort of outdoor workers.

Effect of occupational exposures on male fertility: literature review.

A neuropsychotoxicological assessment of workers in a sodium azide production plant.

Toxicokinetics of DL-glufosinate enantiomer in human BASTA poisoning.

Expression of aryl hydrocarbon receptor and aryl hydrocarbon receptor nuclear translocator messenger ribonucleic acids and proteins in rat and human testis.

NTP toxicology and carcinogenesis Studies of 2,4-hexadienal (89% trans,trans isomer, CAS No. 142-83-6; 11% cis,trans isomer) (Gavage Studies).

Lethal and sublethal effects of atrazine, carbaryl, endosulfan, and octylphenol on the streamside salamander (*Ambystoma barbouri*).

[Effects of pesticides on cytokines production by human peripheral blood mononuclear cells--fenitrothion and glyphosate].

Severe propanil [N-(3,4-dichlorophenyl) propanamide] pesticide self-poisoning.

Comparative toxicity study of 3-aminophenol in newborn and young rats.

Lipid metabolism and neuropsychological follow-up study of workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Dinitrophenol--a dangerous doping agent].

Overexpression of alcohol dehydrogenase exacerbates ethanol-induced contractile defect in cardiac myocytes.

An autopsy case of poisoning by massive absorption of cresol a short time before death.

Suspected cresol poisoning in cattle presented for slaughter.

Mechanism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced decrease in anti-CD3-activated CD4(+) T cells: the roles of apoptosis, Fas, and TNF.

[Relationship between emotional stress in female residents of the city of Chapaevsk and toxicological and genetic values].

Constitutive and TCDD-induced expression of Ah receptor-responsive genes in the pituitary.

Cyclosporin A-sensitive permeability transition pore is involved in Cd(2+)-induced dysfunction of isolated rat liver mitochondria: doubts no more.

Urocortin, but not urocortin II, protects cultured hippocampal neurons from oxidative and excitotoxic cell death via corticotropin-releasing hormone receptor type I.

A comparison of 60, 70, and 90 kDa stress protein expression in normal rat NRK-52 and human HK-2 kidney cell lines following in vitro exposure to arsenite and cadmium alone or in combination.

Attempted suicide by drug overdose and by poison-ingestion methods seen at the main general hospital in the Fiji islands: a comparative study.

Intracerebral administration of 2,4-dichlorophenoxyacetic acid induces behavioral and neurochemical alterations in the rat brain.

Serum dioxin and cognitive functioning among veterans of Operation Ranch Hand.

Dinitroaniline herbicides against protozoan parasites: the case of *Trypanosoma cruzi*.

Influence of caffeine on allyl alcohol-induced hepatotoxicity in rats. I. In vivo study.

Metabolism of the herbicide glufosinate-ammonium in plant cell cultures of transgenic (rhizomania-resistant) and non-transgenic sugarbeet (*Beta vulgaris*), carrot (*Daucus carota*), purple foxglove (*Digitalis purpurea*) and thorn apple (*Datura stramonium*).

Biochemical, neuropsychological, and neurological abnormalities following 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure.

Risk factors of Parkinson's disease in Indian patients.

Social functioning, psychological functioning, and quality of life in epilepsy.

Prenatal testosterone and luteinizing hormone levels in male rats exposed during pregnancy to 2,3,7,8-tetrachlorodibenzo-p-dioxin and diethylstilbestrol.

Chronic toxicity of dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin to mink.

Human emotional stress, dioxin blood content and genetic damage in Chapaevsk town.

Skin surface electric potential induced by ion-flux through epidermal cell layers.

Hemopoietic cell kinetics after intraperitoneal single injection of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice.

Correlating the severity of paraquat poisoning with specific hemodynamic and oxygen metabolism variables.

No significant paraquat-induced oxidative DNA damage in rats.

Mechanisms of toxicity, clinical features, and management of acute chlorophenoxy herbicide poisoning: a review.

Results of dental amalgam removal and mercury detoxification using DMPS and neural therapy.

Subjective symptoms due to solvent mixtures, dioxin, and toluene: impact of exposure versus personality factors.

Immunological and in-vivo neurological studies on a benzoic acid-specific T cell-derived antigen-binding molecule from the serum of a toluene-sensitive patient.

Metabolic control of sodium transport in streptozotocin-induced diabetic rat hearts.

Increase of specific symptoms after long-term use of chlorophenol polluted drinking water in a community.

Regional differences in hypoxic depolarization and swelling in hippocampal slices.

Mass psychogenic illness attributed to toxic exposure at a high school.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the expression of cytochrome P450 1A1, the aryl hydrocarbon receptor, and the aryl hydrocarbon receptor nuclear translocator in rat brain and pituitary.

Maternal exposure to atrazine during lactation suppresses suckling-induced prolactin release and results in prostatitis in the adult offspring.

Porphyria and chemicals.

High rates of paraquat-induced suicide in southern Trinidad.

Flow cytometric analysis of the toxicity of nitrofen in cultured keratinocytes.

Long-term exposure to wood-preserving chemicals containing pentachlorophenol and lindane is related to neurobehavioral performance in women.

Vaginally applied diquat intoxication.

Environmental, medical, and family history risk factors for Parkinson's disease: a New England-based case control study.

Fatal privet (*Ligustrum amurese*) toxicosis in Tennessee cows.

Maternal occupational exposure to chemical substances and the risk of infants small-for-gestational-age.

TCDD-induced anorexia and wasting syndrome in rats: effects of diet-induced obesity and nutrition.

Dioxin-induced perturbations in tryptophan homeostasis in laboratory animals.

Cortical NADH during pharmacological manipulations of the respiratory chain and spreading depression in vivo.

[Effect of protoporphyrin on digestive tract absorption of dioxins in rats].

Health effects of occupational pentachlorophenol exposure in timber sawmill employees: a preliminary study.

Effects of edifenphos and glyphosate on the immune response and protein biosynthesis of bolti fish (*Tilapia nilotica*).

Synthesis and evaluation of dinitroanilines for treatment of cryptosporidiosis.

Health effects associated with sulfuryl fluoride and methyl bromide exposure among structural fumigation workers.

Respiratory and cardiovascular effects of the mu-opioid receptor agonist [Lys7]dermorphin in awake rats.

The Seveso studies on early and long-term effects of dioxin exposure: a review.

The epidemiology of Parkinson's disease in an Australian population.

Effects of varied fatigue protocols on sarcoplasmic reticulum calcium uptake and release rates.

Interleukin 1 beta and tumour necrosis factor alpha inhibit acid secretion in cultured rabbit parietal cells by multiple pathways.

[Epidemiology of suicide attempts in Reunion Island].

Drug eruption induced by cyanamide (carbimide): a clinical and histopathologic study of 7 patients.

[Behavior therapy of patients with alcoholism].

Effect of 2,4-dinitrophenol on the hypometabolic response to hypoxia of conscious adult rats.

Induction of human endothelial cell apoptosis requires both heat shock and oxidative stress responses.

[Assessment of neurotoxic effects of methyl bromide in exposed workers].

Mechanism of thiazopyr-induced effects on thyroid hormone homeostasis in male Sprague-Dawley rats.

Dialkylquinoneimine metabolites of chloroacetanilide herbicides induce sister chromatid exchanges in cultured human lymphocytes.

Actions of 4-chloro-3-ethyl phenol on internal Ca²⁺ stores in vascular smooth muscle and endothelial cells.

Functional recovery of retina after sodium iodate injection in mice.

Synaptic physiology and mitochondrial function in crayfish tonic and phasic motor neurons.

Review and update of the results of the NIOSH medical study of workers exposed to chemicals contaminated with 2,3,7,8-tetrachlorodibenzodioxin.

Suspected herbicide toxicosis in a dog.

Acute non-occupational intoxications with pesticides in Romania: a comparative study from 1988 to 1993.

[The use of the amitriptyline analog amizol in depressions].

Effect of dietary paraquat on a rat mutant unable to synthesize ascorbic acid.

Increased activity and sensitivity of mitochondrial respiratory enzymes to tumor necrosis factor alpha-mediated inhibition is associated with increased cytotoxicity in drug-resistant leukemic cell lines.

Depression of liver microsomal glucose 6-phosphatase activity in carbon tetrachloride-poisoned rats. Potential synergistic effects of lipid peroxidation and of covalent binding of haloalkane-derived free radicals to cellular components in the process.

Methyl iodide poisoning: report of two cases.

Chemical sensitivities and the Gulf War: Department of Veterans Affairs Research Center in basic and clinical science studies of environmental hazards.

Disturbed host defense in peritoneal cavity during CAPD: characterization of responsible factors in dwell fluid.

Recombinant human erythropoietin: effect on the functional performance of anemic orthopedic patients.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin, 12-O-tetradecanoylphorbol-13-acetate and 17 beta-estradiol on estrogen receptor regulation in MCF-7 human breast cancer cells.

Homology modeling of the structure of bacterial acetohydroxy acid synthase and examination of the active site by site-directed mutagenesis.

Illumination of therapeutics by toxicology: a personal view.

NES test performance in a large US Army veteran sample: relationships with both demographic factors and traditional neuropsychological measures.

The nature of uncoupling by n-hexane, 1-hexanethiol and 1-hexanol in rat liver mitochondria.

Tyrosine kinase is required for long-term depression in the cerebellum.

Glycosylphosphatidylinositol toxin of Plasmodium up-regulates intercellular adhesion molecule-1, vascular cell adhesion molecule-1, and E-selectin expression in vascular endothelial cells and increases leukocyte and parasite cytoadherence via tyrosine kinase-dependent signal transduction.

Developmental toxicity of dinitroaniline herbicides in rats and rabbits. I. Trifluralin.

Mitochondrial bioenergetics is affected by the herbicide paraquat.

Fate and effects of acrolein.

Acute-phase reactant proteins and antioxidants in rats intoxicated chronically with paraquat.

Diquat increases cysteine proteinase inhibitors greatly in rat plasma and tissues.

Nerve growth factor prevents apoptosis of rat peritoneal mast cells through the trk proto-oncogene receptor.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced anorexia and wasting syndrome in rats: aggravation after ventromedial hypothalamic lesion.

Dietary exposure of mink to carp from Saginaw Bay, Michigan: 2. Hematology and liver pathology.

Modulation of TCDD-induced wasting syndrome by portocaval anastomosis and vagotomy in Long-Evans and Han/Wistar rats.

Mechanisms of uremic inhibition of phagocyte reactive species production: characterization of the role of p-cresol.

Toxicological and neuropsychological findings in patients presenting to an environmental toxicology service.

[The kinetics of rhodamine 123 efflux from cells with multiple drug resistance under the action of energy metabolism inhibitors].

Cardiovascular responses to cigarette smoke exposure in restrained conscious rats.

Inhibition of cardiac sarcolemma Na(+)-K+ ATPase by oxyradical generating systems.

Biochemical effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and related compounds on the central nervous system.

Effects of scopolamine and its quaternary analogue in the murine elevated plus-maze test of anxiety.

Acute 2,4-dichlorophenoxyacetic acid intoxication in cattle.

Neurologic health outcomes and Agent Orange: Institute of Medicine report.

The effects of mustard gas, ionizing radiation, herbicides, trauma, and oil smoke on US military personnel: the results of veteran studies.

Effect of paraquat on the malondialdehyde level in rat liver microsomes (in vitro).

Aftermath of a chemical spill: psychological and physiological sequelae.

Treatment of methyl bromide poisoning with haemodialysis.

Psychological, psychosocial, and psychophysiological sequelae in a community affected by a railroad chemical disaster.

Survey of health and use characterization of pesticide applicators in Minnesota.

Psychological characteristics and subjective intolerance for xenobiotic agents of normal young adults with trait shyness and defensiveness. A parkinsonian-like personality type?

Characterization of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced brain serotonin metabolism in the rat.

[Effect of iron deficiency on attention capacity among school children].

Neuropsychological sequelae of methyl bromide: a case study.

Altered impulse activity modifies synaptic physiology and mitochondria in crayfish phasic motor neurons.

Astrocytic glycogenolysis energizes memory processes in neonate chicks.

Lack of direct immunosuppressive effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on human peripheral blood lymphocyte subsets in vitro.

Effect of a mixture of 15 commonly used pesticides on DNA levels of 8-hydroxy-2-deoxyguanosine and xenobiotic metabolizing enzymes in rat liver.

Risk factors for Parkinson's disease.

Herbicides to curb human parasitic infections: in vitro and in vivo effects of trifluralin on the trypanosomatid protozoans.

Fetotoxic and teratogenic potential of substituted phenylurea herbicide, isoproturon, in rats.

Synergic lung changes in rats receiving combined exposure to paraquat and ionizing radiation.

High-dose chemotherapy-induced platelet defect: inhibition of platelet signal transduction pathways.

Ethanol-induced inhibition of ventricular protein synthesis in vivo and the possible role of acetaldehyde.

Identification and characterization of an acidic major surface glycoprotein from procyclic stage *Trypanosoma congolense*.

Isomer-specific analysis and toxic evaluation of polychlorinated biphenyls in striped dolphins affected by an epizootic in the western Mediterranean sea.

Iron for chronic and persistent akathisia?

[Effects of disinfectants on erythrocytes and isolated hepatocytes from rats and surface tension].

Metabolic inhibition enhances Ca²⁺-activated K⁺ current in smooth muscle cells of rabbit portal vein.

2,3,7,8-tetrachlorodibenzo-p-dioxin increases cardiac myocyte intracellular calcium and progressively impairs ventricular contractile responses to isoproterenol and to calcium in chick embryo hearts.

Effects of oral administration of brassica secondary metabolites, allyl cyanide, allyl isothiocyanate and dimethyl disulphide, on the voluntary food intake and metabolism of sheep.

Modulatory effect of hyperthermia on hepatic microsomal cytochrome P450 in mice.

Free radical induction in the brain and liver by products of toluene catabolism.

Effects of transgalactosylated disaccharides on the human intestinal microflora and their metabolism.

[Toxicology of tobacco].

Neuropsychological effects of chronic exposure to environmental dioxins and furans.

Anger and anxiety responses to m-chlorophenylpiperazine in generalized anxiety disorder.

Two-year toxicity and carcinogenicity study of acrolein in rats.

Self-reported health status of Vietnam veterans in relation to perceived exposure to herbicides and combat.

Ethanol-induced motor activity in normal and acatalasemic mice.

Health effects of military service. Lessons learned from the Vietnam experience.

Acute neurobehavioural effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in Han/Wistar rats.

Protein-linked isoprenoid lipids in dexamethasone-treated human lymphoid lines in culture.

Methylbromide intoxication: a case report.

Health status and needs of migrant farm workers in the United States: a literature review.

Quantitative light microscopic demonstration of increased pallidal and striatal met5-enkephalin-like immunoreactivity in rats following chronic treatment with haloperidol but not with clozapine: implications for the pathogenesis of neuroleptic-induced movement disorders.

[A stereoscopic analysis of centrosome structure in the cells of a tissue culture under the action of energy metabolism inhibitors. I. 2,4-Dinitrophenol, deoxyglucose, sodium azide and the calcium ionophore A23187].

Posttraumatic stress disorder among Vietnam veterans on the Agent Orange Registry. A case-control analysis.

Suicide by poisoning.

A fatal case of parenteral paraquat poisoning.

Inhibition of platelet aggregation and thromboxane A2 production by chlorophenoxy acid herbicides.

1,8-Naphthalic anhydride antidote enhances the toxic effects of captan and thiram fungicides on *Azospirillum brasilense* cells.

Release of intact endothelium-derived relaxing factor depends on endothelial superoxide dismutase activity.

Depletion of brain serotonin does not alter 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced starvation syndrome in the rat.

Myocardial calcium cycling defect in furazolidone cardiomyopathy.

Inhibition of mitochondrial respiratory function by an organic solvent extractable component from an extract of burn eschar.

Do new hypotheses on the mechanism of action of dioxins help in risk evaluation?

Dioxin contamination and growth and development in great blue heron embryos.

Transfusion of type-A and type-B blood to cats.

Cytosolic free Ca^{2+} in daunorubicin and vincristine resistant Ehrlich ascites tumor cells. Drug accumulation is independent of intracellular Ca^{2+} changes.

[The efficiency of the action of alpha-tocopherol and its homologs on luminol-dependent chemiluminescence induced by ($Fe^{2+} + NADP.H$) and ($Fe^{2+} + ascorbate$) systems in rat liver microsomes].

NTP Toxicology and Carcinogenesis Studies of Sodium Azide (CAS: 26628-22-8) in F344 Rats (Gavage Studies).

Human chorionic gonadotropin treatment prevents depressed 17 alpha-hydroxylase/C17-20 lyase activities and serum testosterone concentrations in 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats.

[Acute toxicity, inductive effects of liver enzymes and distribution in the liver of 1,2,3,7,8-pentachlorodibenzo-p-dioxin in rats].

Effect of a single dose of TCDD on the level of histamine in discrete nuclei in rat brain.

Association between exposure to a stenching agent in a herbicide packing plant and the occurrence of headache and lethargy.

Sublethal and acute toxicity of the ethylene glycol butyl ether ester formulation of triclopyr to juvenile coho salmon (*Oncorhynchus kisutch*).

Clinical presentation and management of acute 2,4-D oral ingestion.

Long-term carcinogenicity bioassay of the herbicide atrazine in F344 rats.

[Disulfiram and calcium carbimide. Mode of action, adverse effects and clinical use].

Therapeutic effects of fengabine, a new GABAergic agent, in depressed outpatients: a double-blind study versus clomipramine.

Human body burden of polychlorinated dibenzofurans associated with toxicity based on the yusho and yucheng incidents.

Lead exposure lowers the set point for food consumption and growth in weanling rats.

Gastric delivery system for iron supplementation.

Appropriateness of DSM-III-R criteria for posttraumatic stress disorder.

Two-year oral chronic toxicity and carcinogenicity study in rats of diets fumigated with methyl bromide.

Methyl bromide intoxication in four field-workers during removal of soil fumigation sheets.

Reduction of phosphate-induced dysfunction in rat heart mitochondria by carnitine.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibition of 17 beta-estradiol-induced increases in rat uterine epidermal growth factor receptor binding activity and gene expression.

Transient inotropic effects of low extracellular sodium in perfused rat heart.

The role of cGMP in the extinction of the reactions of identified neurons of the edible snail in response to acetylcholine.

Chemically induced hepatic cytosol from the Sprague-Dawley rat: evidence for specific binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin to components kinetically distinct from the Ah receptor.

Effect of polymorphonuclear leukocyte-derived oxygen free radicals and hypochlorous acid on cardiac function and some biochemical parameters.

Effect of PO₂ and metabolic inhibitors on ionic fluxes across the isolated rabbit corneal endothelium.

Metabolism and pulmonary toxicity of cyclophosphamide.

Evidence in vivo for elevation of intracellular free Ca²⁺ in the liver after diquat, acetaminophen, and CCl₄.

Carcinogenicity and teratogenicity vs. psychogenicity: psychological characteristics associated with self-reported Agent Orange exposure among Vietnam combat veterans who seek treatment for substance abuse.

Effects of preconceptional and gestational exposure to Tordon 202c on fetal growth and development in CD-1 mice.

Effect of cyanamide on transaminases and other serum proteins in the rat.

Calcium carbimide in alcoholism treatment. Part 1: A placebo-controlled, double-blind clinical trial of short-term efficacy.

Effects of 3-amino-1,2,4-triazole on ethanol-induced open-field activity: evidence for brain catalase mediation of ethanol's effects.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced porphyria in genetically inbred mice: partial antagonism and mechanistic studies.

Psychosocial determinants of compliance in adolescents with iron deficiency.

Development and validation of a cellular transplant model for leukemia in Fischer rats: a short-term assay for potential anti-leukemic chemicals.

Fengabine, a new GABA-mimetic agent in the treatment of depressive disorders: an overview of six double-blind studies versus tricyclics.

Reduction of calcium channel antagonist binding sites by oxygen free radicals in rat heart.

Effect of retraining trials on memory consolidation in weakly reinforced learning.

[The role of cGMP in extinguishing the reactions of identified neurons in the edible snail to acetylcholine].

[Enhanced inhibition of splenic lymphocyte proliferation by 2,3,7,8-tetrachlorodibenzo-p-dioxin in C57B1/10 (Ah+Ah+) mice compared to DBA/2 (AhAh) mice].

[Centrosome behavior in the exposure of tissue culture cells to energy metabolism inhibitors].

Health and reproductive outcomes among American Legionnaires in relation to combat and herbicide exposure in Vietnam.

Reproductive behaviour and consistent patterns of abnormality in offspring of Vietnam veterans.

Agent Orange exposure and posttraumatic stress disorder.

2,4-D-n-butyl ester (2,4-D ester) induced ataxia in rats: role for n-butanol formation.

Neurobehavioral toxicity of 2,4-D-n-butyl ester (2,4-D ester): tolerance and lack of cross-tolerance.

Toxicity of 2-hydrazinoethanol in turkey poults.

Social and behavioral consequences of the Vietnam experience among American Legionnaires.

Screening of pharmacological agents given peripherally with respect to TCDD-induced wasting syndrome in Long-Evans rats.

Clinical toxicology--past, present and future.

Reduction of adipose tissue lipoprotein lipase activity as a result of in vivo administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin to the guinea pig.

Observations on the intracellular accumulation of methotrexate and 5-methyltetrahydrofolate in uninduced, dimethylsulphoxide-induced and 1,25-dihydroxyvitamin D₃-induced HL60 cells, and blood-monocyte-derived human macrophages.

Ifosfamide and mesna: marginally active in patients with advanced carcinoma of the pancreas.

Renal handling of amino acid ^{99m}technetium chelates.

Depression in gene expression for poly(ADP-ribose) synthetase during the interferon-gamma-induced activation process of murine macrophage tumor cells.

Determination of growth rate depression of some green algae by atrazine.

Formulation and food deprivation affects 2,4-D neurobehavioral toxicity in rats.

Eighty-five day postexposure follow-up study in Fischer 344 rats after repeated exposures to methyl isocyanate vapor.

Neuromuscular effects of acute 2,4-dichlorophenoxyacetic acid (2,4-D) exposure in dogs.

Alterations in brain aldehyde dehydrogenase activity modify ethanol-induced conditioned taste aversion.

Ethanol metabolism in alcohol dehydrogenase deficient deermice is mediated by the microsomal ethanol oxidizing system, not by catalase.

Phorbol ester-induced inhibition of cyclic GMP formation mediated by muscarinic receptors in murine neuroblastoma cells.

Cell cycle-specific effects of sodium arsenite and hyperthermic exposure on incorporation of radioactive leucine and phosphate by stress proteins from mouse lymphoma cell nuclei.

Suicidal sodium azide ingestion.

[Emotional behavior disorders in rats during the formation of a generator of pathologically enhanced excitation in the basomedial nuclei of the amygdaloid complex].

Chemically-induced formation of an inhibitor of hepatic uroporphyrinogen decarboxylase in inbred mice with iron overload.

[Effects of phenol and related compounds on erythrocytes and hepatocytes from rats and dipalmitoyl phosphatidylcholine-liposomes].

Depression of rat testicular 17-hydroxylase and 17,20-lyase after administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Na⁺-linked active transport of ascorbate into cultured bovine retinal pigment epithelial cells: heterologous inhibition by glucose.

Relationship of basic research in toxicology to environmental standard setting: the case of polybrominated biphenyls in Michigan.

Changing motivation in severely suicidal patients.

Health needs of the Vietnam veteran exposed to agent orange.

Acute, 14-day repeated dosing, and 90-day subchronic toxicity studies of potassium picloram.

The Agent Orange controversy after the Evatt Royal Commission.

The effect of topically applied n-butylester of 2,4-dichlorophenoxyacetic acid on the immune response in mice.

Methyl isocyanate subchronic vapor inhalation studies with Fischer 344 rats.

Effects of prenatal nitrofen exposure on cardiac structure and function in the rat.

The heart rate slowing effect of pindolol in patients with digitalis resistant atrial fibrillation and heart failure.

Health effects of long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

The diagnosis of dioxin-associated illness.

Synergistic neurotoxicity of carbon tetrachloride/carbon disulfide (80/20 fumigants) and other pesticides in grain storage workers.

[Methyl bromide poisoning. I. Various historic, legal, clinical and neuropsychiatric aspects].

Uptake and release of kyotorphin in rat brain synaptosomes.

Depression of alcohol dehydrogenase activity in rat hepatocyte culture by dihydrotestosterone.

Assessment of pentachlorophenol toxicity in newborn calves: clinicopathology and tissue residues.

Do Vietnam veterans suffer from toxic neurasthenia?

Blockade of ethanol induced conditioned taste aversion by 3-amino-1,2,4-triazole: evidence for catalase mediated synthesis of acetaldehyde in rat brain.

Demonstration of a functional blood-testis barrier to acetaldehyde. Evidence for lack of acetaldehyde effect on ethanol-induced depression of testosterone in vivo.

Cyclophosphamide-induced depression of the antioxidant defense mechanisms of the lung.

Androgenic deficiency in male rats treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Effect of neuroleptic, adreno- and cholinolytic agents on cerebral cortical function in edema].

Neurotoxicity and metabolism of methyl bromide in rats.

Sensory irritation response to inhaled aldehydes after formaldehyde pretreatment.

Continued depression of hepatic uroporphyrinogen decarboxylase activity caused by hexachlorobenzene or 2,3,7,8-tetrachlorodibenzo-p-dioxin despite regeneration after partial hepatectomy.

Selective depression of thymus-independent anti-DNP antibody responses induced by adult but not neonatal splenectomy.

On the brain endocoid for benzodiazepine recognition sites.

Pharmacologic treatment of chronic alcoholism.

Paraquat ingestion.

An assessment of the treatment needs of Vietnam-era veterans.

The role of drugs in the treatment of alcoholism.

Human exposure to DEF/merphos.

Coprophagy in iron-deficient rats: II. 2 novel methods of prevention.

Occupational influences on male fertility and sexuality. I.

Decreased induction of aryl hydrocarbon hydroxylase activity in hyperproliferative hairless mouse epidermis.

A brain octadecaneuropeptide generated by tryptic digestion of DBI (diazepam binding inhibitor) functions as a proconflict ligand of benzodiazepine recognition sites.

Peripheral and central actions of sodium azide on circulatory and respiratory homeostasis in anesthetized cats.

Respiratory tract lesions induced by sensory irritants at the RD50 concentration.

Generation of an unusual depolarizing response in rabbit primary afferent neurones in the absence of divalent cations.

Isolation, purification and partial sequence of a neuropeptide (diazepam-binding inhibitor) precursor of an anxiogenic putative ligand for benzodiazepine recognition site.

Depression of glucuronyltransferase activity by glucocorticoids in adult female mice.

Teratogenicity of nitrofen (2,4-dichloro-4'-nitrodiphenyl ether) and its effects on thyroid function in the rat.

Depression of contractility in isolated rabbit myocardium following exposure to iron: role of free radicals.

[Pathology in firemen].

Review of the effects of Agent Orange: a psychiatric perspective on the controversy.

Correlates of self-reported and objectively determined exposure to Agent Orange.

Effects of halogenated dibenzo-p-dioxins on plasma disappearance and biliary excretion of ouabain in rats.

Procaine hydrolysis defect in uraemia does not appear to be due to carbamylation of plasma esterases.

Effect of high fat and iron levels on the growth and mortality of chickens.

Mechanical effects of right atrial pressure on heart rate in the conscious rabbit.

Hydrogen peroxide and hydroxyl radical mediation of activated leukocyte depression of cardiac sarcoplasmic reticulum. Participation of the cyclooxygenase pathway.

Negative inotropic effects of Na-salicylate and three congeners on the guinea-pig Langendorff heart.

2-Benzazepines. 4. [1,2,3]Triazolo[4,5-d][2]benzazepines and dibenzo[c,f][1,2,3]triazolo[3,4-a]azepines: synthesis and evaluation as central nervous system agents.

Cow's urine concoction: its chemical composition, pharmacological actions and mode of lethality.

Neuropsychiatric effects of herbicides.

Immunotoxicity of technical pentachlorophenol (PCP-T): depressed humoral immune responses to T-dependent and T-independent antigen stimulation in PCP-T exposed mice.

Plasma fibronectin in man after a severe paraquat intoxication.

[Effect of methyl viologen on phospholipid metabolism in cultured human type 2 pneumocytes].

Depression of serotonin uptake by rat lungs exposed to paraquat.

Visual evoked potentials in encephalopathy induced by galactosamine, ammonia, dimethyldisulfide, and octanoic acid.

[Coronary perfusion rate as a factor determining the degree of heart contractile function decrease in an energy formation disorder].

Clinical and laboratory findings in Metation EK-50.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated depression of rat testicular heme synthesis and microsomal cytochrome P-450.

Comparative evaluation of contraction and relaxation of isolated heart muscle with decreased calcium concentration in the perfusate, acidosis, and metabolic blockade.

Protective role of thiols in cyclophosphamide-induced urotoxicity and depression of hepatic drug metabolism.

Carcinogenesis Bioassay of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (CAS No. 1746-01-6) in Osborne-Mendel Rats and B6C3F1 Mice (Gavage Study).

Role of glutathione in the metabolism-dependent toxicity and chemotherapy of cyclophosphamide.

Role of sulfation in the formation of DNA adducts from N-hydroxy-2-acetylaminofluorene in rat liver in vivo. Inhibition of N-acetylated aminofluorene adduct formation by pentachlorophenol.

Methyl bromide poisoning seen initially as psychosis.

Inhibitors of oxidative ATP production cause transient vasoconstriction and block subsequent pressor responses in rat lungs.

Production of Heinz body anaemia in the domestic fowl after ingestion of dimethyl disulphide: a haematological and ultrastructural study.

A gas chromatographic-mass spectrometric analysis for phenols in uremic serum.

The development and prognosis of chronic intoxication by tetrachlorodibenzo-p-dioxin in men.

Studies on the mechanism of denaturation of cytochrome P-450 by cyclophosphamide and its metabolites.

E-C coupling during poisoning with 2,4-dinitrophenol and recovery in papillary muscle of guinea-pig: 2. Effect on the cardiac electrical activity.

E-C coupling during poisoning with 2,4-dinitrophenol and recovery in papillary muscle of guinea-pig: 1. Effect on the cardiac mechanical activity.

Cytochrome c as an electron shuttle between the outer and inner mitochondrial membranes.

Inhibition of mosaic virus of *Vigna sinensis* Endl. with four chemicals.

Modification of mitochondrial respiration by aging and dietary restriction.

Examination of bone marrow, immunologic parameters and host susceptibility following pre- and postnatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Effect of thyrotropin-releasing hormone (TRH) on local cerebral glucose utilization, by the autoradiographic 2-deoxy[14C]glucose method, in conscious and pentobarbitalized rats.

Bioassay of a Mixture of 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin and 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (Gavage) for Possible Carcinogenicity (CAS No. 57653-85-7, CAS No. 19408-74-3).

Bioassay of Phenol for Possible Carcinogenicity (CAS No. 108-95-2).

Adriamycin-induced alterations of the action potential in rat papillary muscle.

Selective depression of 2,4-dinitrophenol depolarized canine Purkinje fibers by lidocaine.

Substrate supply and function of isolated venous smooth muscle under anoxia and metabolic inhibition.

The toxicity and renal handling of paraquat in cynomolgus monkeys.

Effects of pesticides on the reticuloendothelial system.

[Existence of several non-specific recognition systems in macrophages].

[The difference of drug sensitivity of tumor cells on N-ethyloxycarbonylamino-methyl-L-isoleucine (A-145 (author's transl))].

[Effect of cycloheximide, 2,4-dinitrophenol and papaverine on ribosomal RNA synthesis in Ehrlich ascitic carcinoma cells].

Reversal of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced depression of ouabain biliary excretion by pregnenolone-16 alpha-carbonitrile and spironolactone in isolated perfused rat livers.

Depression of adenosine triphosphatase activities in isolated liver surface membranes of 2,3,7,8-tetrachlorodibenzo-p-dioxin-treated rats: correlation with effects on ouabain biliary excretion and bile flow.

Bioassay of dibenzo-p-dioxin for possible carcinogenicity.

Bioassay of Nitrofen for Possible Carcinogenicity (CAS No. 1836-75-5).

Repeated exposure to acrolein vapour: subacute studies in hamsters, rats and rabbits.

[Experimental poisoning of carp fingerlings (*Cyprinus carpio* L.) with the herbicidal preparation, lasagrín (alachlor)].

[Toxicity of the pesticide nabam as a function of dietary protein content in the rat].

Reduced body clearance as the major mechanism of the potentiation by beta2-adrenergic agonists of paraquat lethality in rats.

Antisecretory effect of imidazole and its derivatives in an isolated gastric mucosa preparation and an anesthetized young chicken preparation; comparison with a histamine H₂-receptor antagonist.

Effect of microsomal enzyme inducers on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced depression in the biliary excretion of ouabain in rats.

Renal tubular transport of saccharin.

Significance of 2,4-dinitrophenol action on spinal motoneurons.

Tests for cataglykin activity on a cyanogen bromide fragment of human growth hormone.

Acute respiratory distress in the dog associated with paraquat poisoning.

Effect of 3-amino-1,2,4-triazole on carbon tetrachloride-induced necrosis.

Retarded development of fetal renal alkaline phosphatase in mice given 2,4,5-trichlorophenoxyacetic acid.

Methyl bromide intoxication: neurologic features, including simulation of Reye syndrome.

Bromide intoxication of horses, goats, and cattle.

War stress and civilian Vietnamese. A study of psychological effects.

A reassessment of decreased amino acid accumulation by Ehrlich ascites tumor cells in the presence of metabolic inhibitors.

Presynaptic modulating effects of GABA on depression, facilitation, and posttetanic potentiation of a cholinergic synapse in *Aplysia californica*.

2,4-Dinitrophenol inhibition of transport of 5-hydroxyindoleacetic acid from the cerebrospinal fluid and spinal cord.

Effects of ethephon, ethylene, and 2,4-dichlorophenoxyacetic Acid on asexual embryogenesis in vitro.

Association between induction of aryl hydrocarbon hydroxylase and depression of uroporphyrinogen decarboxylase activity.

Disturbance of microsomal detoxication mechanisms in liver by chlorophenol pesticides.

[Effects of methylcyclopentadienyl manganese tricarbonyl (MMT) of rat liver mitochondria. I. Effects, in vitro, on the oxidative phosphorylation (author's transl)].

Studies on the mechanism of renal transport depression caused by pretreatment with 2,4,5-trichlorophenoxyacetate.

[Chloracne, porphyria cutanea tarda, and other poisonings due to the herbicides].

[Chloroderivatives of phenoxyacetic acid as antagonists of thyroid hormones].

Electrophoretic pattern of red blood cell catechol-o-methyltransferase in schizophrenia and manic-depressive illness.

Metabolism of [1-(14)C] and [2-(14)C] leucine in cultured skin fibroblasts from patients with isovaleric acidemia. Characterization of metabolic defects.

Biochemical pathology of lung damage produced by chemicals.

The deleterious effects of fungicides and herbicides on *Xenopus laevis* embryos.

Effects of anoxia and metabolic inhibitors on reaction of the fast sodium system.

Excretion of sulfobromophthalein in rats with iodomethane-induced depletion of hepatic glutathione.

[Effect of various metabolic poisons on the nature of contraction of the straight muscle of the abdomen of frog].

Action of rubratoxin B on mouse liver mitochondria.

Modification of in vivo lacrimal gland secretion by 2,4-dinitrophenol.

[The effect of uncouplers of oxidative phosphorylation on granule precipitation of neutral red in normal and tumor cells].

Letter: Paraquat poisoning treated with immunosuppressants and potassium aminobenzoate.

Effect of injection of nuclear fraction from Rhodamine sarcoma on turnover of liver catalase.

Inhibition of platelet aggregation induced by either epinephrine or arachidonic acid.

[Action of a herbicide (paraquat) on hepatocytes in histiotypic culture].

The effect of the herbicide 2,4,5 trichlorophenoxy acetic acid (245T) on the growth and metabolism of *Tetrahymena pyriformis*.

[The effect of butyphos on the enzyme-forming function of the small intestine].

Psychological responses to war stress.

[The effect of the sodium salt of 2,4-dichlorophenoxyacetic acid on erythrocyte glycolysis, ATP-ase and transketolase activity].

[Similarities in the biochemical effects of tetrachloro 2,3,7,8 dibenzo-p-dioxin and tetrabromo-2,3,7,8 dibenzo-p-dioxin on rats].

Thiamine transport across the rat intestine. I. Normal characteristics.

Methyl iodide intoxication. A case report.

Characteristics of sodium and potassium transport in the lung.

[Effect of prothixen and related compounds on serotonin absorption by human thrombocytes].

Leucine transport in Escherichia coli. The resolution of multiple transport systems and their coupling to metabolic energy.

Effect of anaerobiosis, dinitrophenol and fluoride on the active intestinal transport of galactose in snail.

[A change in the phases of the receptor potential of isolated frog muscle spindles under the influence of dinitrophenol].

Brain concentration of propranolol in relation to hypotensive effect in the rabbit with observations on brain propranolol levels in man.

Cholesterol metabolism by Mycobacterium.

Studies on the pathological biochemistry of lung parenchyma in acute paraquat poisoning.

Effect of uncoupling agents and respiratory inhibitors on the growth of Streptococcus agalactiae.

The effects of hypothyroidism and 2,4-dinitrophenol on growth hormone synthesis.

Effect of sodium azide upon normal and pathological granulocyte function.

Transport of rubidium and sodium in pancreatic islets.

Proceedings: Effect of 2,4-dinitrophenol on DNA synthesis in bovine liver cells in vitro.

Antagonistic effects of dinitrophenol and cyanide on hepatic thyroxine deiodination.

On facilitation of transmitter release at the toad neuromuscular junction.

Table 2A-19 – Titles of Pubmed Records Related to Reproductive Adverse Events Following Herbicide Exposure

AZOOSPERMIA; *BIRTH DEFECT*; *CERVICAL CANCER*; *ENDOMETRIOSIS*; *FERTIL*; *FETAL DEATH*; *INTERSTITIAL CYSTITIS*; *MISCARRIAG*; *NEONATAL DEATH*; *OLIGOSPERMIA*; *OVARI*; *POLYCYSTIC OVARY SYNDROME*; *STILLBIRTH*; *UTERINE CANCER*; *UTERINE FIBROIDS*; *VAGINAL CANCER*; *VULVAR CANCER*; *GENITAL* (2735)
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Co-exposure to environmental microplastic and the pesticide 2,4-dichlorophenoxyacetic acid (2,4-D) induce distinctive alterations in the metabolome and microbial community structure in the gut of the earthworm Eisenia andrei.

Impact of exposure to glyphosate-based herbicide on morphological and physiological parameters in embryonic and larval development of zebrafish.

Transcriptomic and behavioral analyses reveal unique target tissues and molecular pathways associated with embryonic exposure to low level glyphosate and metal mixtures in zebrafish.

Atrazine exposure caused oxidative stress in male rats and inhibited brain-pituitary-testicular functions.

A mixture of glyphosate and 2,4-D herbicides enhances the deleterious reproductive outcomes induced by Western diet in obese male mice.

Exposure to pesticides during pregnancy and the risk of neural tube defects: A systematic review.

Association Between Urinary Glyphosate Exposure and Cognitive Impairment in Older Adults from NHANES 2013-2014.

Perioperative exposure to volatile organic compounds in neonates undergoing cardiac surgery.

Associations of maternal exposure to 2,4-dichlorophenoxyacetic acid during early pregnancy with steroid hormones among one-month-old infants.

Diuron-induced fetal Leydig cell dysfunction in in vitro organ cultured fetal testes.

Proteomic insight towards key modulating proteins regulated by the aryl hydrocarbon receptor involved in ovarian carcinogenesis and chemoresistance.

Congenital diaphragmatic hernia: phosphodiesterase-5 and Arginase inhibitors prevent pulmonary vascular hypoplasia in rat lungs.

The association between polychlorinated dibenzo-p-dioxin exposure and cancer mortality in the general population: a cohort study.

Agricultural exposure and risk of ovarian cancer in the AGRiculture and CANcer (AGRICAN) cohort.

Effect of Cenobamate on Cognition in Patients with Drug-Resistant Epilepsy with Focal Onset Seizures: An Exploratory Study.

Dose addition in mixtures of compounds with dissimilar endocrine modes of action in in vitro receptor activation assays and the zebrafish sexual development test.

Risk factors for childhood brain tumours: A systematic review and meta-analysis of observational studies from 1976 to 2022.

m-Cresol, a pesticide intermediate, induces hepatotoxicity and behavioral abnormalities in zebrafish larvae through oxidative stress, apoptosis.

Differential Formation of Stress Granules in Radiosensitive and Radioresistant Head and Neck Squamous Cell Carcinoma Cells.

Dysregulation of CITED2 in abnormal lung development in the nitrofen rat model.

Prenatal treprostinil improves pulmonary arteriolar hypermuscularization in the rabbit model of congenital diaphragmatic hernia.

Toxic effects of organophosphate pesticide monocrotophos in aquatic organisms: A review of challenges, regulations and future perspectives.

Impact of a glyphosate-based herbicide on the longevity, fertility, and transgenerational effects on *Chrysopa pallens* (Rambur) (Neuroptera: Chrysopidae).

The urinary metabolites of volatile organic compounds and asthma in young children: NHANES 2011-2018.

Occupational farm work activities influence workers' indoor home microbiome.

Metabolites and MRI-Derived Markers of AD/ABR Risk in a Puerto Rican Cohort.

Pesticide use and inflammatory bowel disease in licensed pesticide applicators and spouses in the Agricultural Health Study.

Decrease in Sperm Parameters in the 21st Century: Obesity, Lifestyle, or Environmental Factors? An Updated Narrative Review.

Embryonic Exposure to the Benzotriazole Ultraviolet Stabilizer 2-(2H-benzotriazol-2-yl)-4-methylphenol Decreases Fertility of Adult Zebrafish (*Danio rerio*).

Positive Association of Urinary Dimethylarsinic Acid (DMA(V)) with Serum 25(OH)D in Adults Living in an Area of Water-Borne Arsenicosis in Shanxi, China.

Somatic embryogenesis from mature sorghum seeds: An underutilized genome editing recipient system.

Degradation kinetics of veterinary antibiotics and estrogenic hormones in a claypan soil.

Influence of nutrient, toxic metal and herbicide contents on the soil bacterial communities in tropical vegetable growing areas.

Association between combined exposure to dioxins and arthritis among US adults: a cross-sectional study.

Health effects of herbicides and its current removal strategies.

Glyphosate decreases survival, increases fecundity, and alters the microbiome of the natural predator *Harmonia axyridis* (ladybird beetle).

Involvement of glyphosate in disruption of biotransformation P450 enzymes and hepatic lipid metabolism in chicken.

Effect of perinatal exposure to glyphosate and its mixture with 2,4-D and dicamba on rat dam kidney and thyroid function and offspring's health.

Maternal impacts of pre-conceptional glyphosate exposure.

Integrating morphological, biochemical, behavioural, and molecular approaches to investigate developmental toxicity triggered by tebuthiuron in zebrafish (*Danio rerio*).

Exposure to pesticides and risk of Hodgkin lymphoma in an international consortium of agricultural cohorts (AGRICOH).

Hydrolysis of propyrisulfuron in water: Kinetics, influence of 34 environmental factors, transformation products identification, mechanisms and toxicities.

Effects of glyphosate-based herbicides and glyphosate exposure on sex hormones and the reproductive system: From epidemiological evidence to mechanistic insights.

High doses of clethodim-based herbicide GrassOut Max poses reproductive hazard by affecting male reproductive function and early embryogenesis in Swiss albino mice.

Plantain-based diet decreases oxidative stress and inflammatory markers in the testes of rats exposed to atrazine.

Exposure to fipronil, 2,4-D and vinasse influences macroinvertebrate assemblage structure: An experimental mesocosm approach.

Subacute exposure to Roundup® changes steroidogenesis and gene expression of the glutathione-glutaredoxin system in rat ovaries: Implications for ovarian toxicity of this glyphosate-based herbicide.

Exposure to herbicides mixtures in relation to type 2 diabetes mellitus among Chinese rural population: Results from different statistical models.

An analysis of reproductive outcomes for conceptions of participants of the Air Force Health Study.

Urinary glyphosate and AMPA levels in a cross-sectional study of postmenopausal women: Associations with organic eating behavior and dietary intake.

Maternal pre-conceptional glyphosate exposure impacts the offspring hepatic and ovarian proteome.

Herbicides widely used in the world: an investigation of toxic effects on *Caenorhabditis elegans*.

Glyphosate Interference in Follicular Organization in the Wall Lizard *Podarcis siculus*.

Sulforaphane suppresses paraquat-induced oxidative damage in bovine in vitro-matured oocytes through Nrf2 transduction pathway.

An analysis of birth defects and developmental disabilities for children of participants of the Air Force Health Study.

Combined toxicity of Cd and 2,4-dichlorophenoxyacetic acid on the earthworm *Eisenia andrei* under biochar amendment.

Noval bio-organic fertilizer containing *Arthrobacter* sp. DNS10 alleviates atrazine-induced growth inhibition on soybean by improving atrazine removal and nitrogen accumulation.

Responses of *Chironomus sancticaroli* to the simulation of environmental contamination by sugarcane management practices: Water and sediment toxicity.

Exposure to the pesticides linuron, dimethomorph and imazalil alters steroid hormone profiles and gene expression in developing rat ovaries.

DNA methylation and histone methylation involved in multi-/trans-generational reproductive effects in *Caenorhabditis elegans* induced by Atrazine.

Glyphosate-based herbicide (GBH) causes damage in embryo-larval stages of zebrafish (*Danio rerio*).

Atrazine alters early sexual development of the South American silverside, *Odontesthes bonariensis*.

Associations between urinary glyphosate and diabetes mellitus in the US general adult: a cross-sectional study from NHANES 2013-2016.

A bifunctional selectable marker for wheat transformation contributes to the characterization of male-sterile phenotype induced by a synthetic Ms2 gene.

Exposure to Volatile Organic Compounds Is Associated with Hypertension in Black Adults: The Jackson Heart Study.

Dose ingested, vomiting, and outcome in patients ingesting a standard paraquat 20SL formulation.

Ovaries of guppies (*Poecilia reticulata*) investigated in pre-embryonic, embryonic and post-embryonic stages after exposure to maghemite nanoparticles ($\gamma\text{-Fe(2)O(3)}$) associated with Roundup® and glyphosate, followed by recovery period evaluation.

Associations of arsenic exposure with liver injury in US adults: NHANES 2003-2018.

Dose-dependent inhibitory effects of glyphosate on invasive *Pomacea canaliculata* reproductive and developmental growth under oxidative deposition.

Molecular and behavioral toxicity assessment of tiafenacil, a novel PPO-inhibiting herbicide, in zebrafish embryos/larvae.

Impact of Chronic Multi-Generational Exposure to an Environmentally Relevant Atrazine Concentration on Testicular Development and Function in Mice.

Multi-site field trials demonstrate the effectiveness of silicon fertilizer on suppressing dimethylarsenate accumulation and mitigating straighthead disease in rice.

Does prenatal exposure to multiple airborne and tap-water pollutants increase neonatal thyroid-stimulating hormone concentrations? Data from the Picardy region, France.

Arsenic exposure caused male infertility indicated by testis and sperm metabolic dysfunction in SD rats.

Association of urinary arsenic, polycyclic aromatic hydrocarbons, and metals with cancers among the female population in the US.

Refrigerated multi-dose insulin vials remain sterile through 6 months of use.

Characterization of the congenital diaphragmatic hernia model in C57BL/6J fetal mice: a step toward lineage tracing experiments.

Developmental and neurobehavioral toxicity of 2,2'-methylenebis(6-tert-butyl-4-methylphenol) (antioxidant AO2246) during the early life stage of zebrafish.

Anti-inflammatory effects of antenatal administration of stem cell derived extracellular vesicles in the brain of rat fetuses with congenital diaphragmatic hernia.

Overactivated Epithelial NF- κ B Disrupts Lung Development in Congenital Diaphragmatic Hernia.

2,3,7,8-tetrachlorodibenzo-p-dioxin induces multigenerational testicular toxicity and biosynthetic disorder of testosterone in BALB/C mice: Transcriptional, histopathological and hormonal determinants.

Lung proliferation is dependent on the duration not the timepoint of tracheal occlusion in nitrofen rats with diaphragmatic hernia.

Proteomic Profiling of Hypoplastic Lungs Suggests an Underlying Inflammatory Response in the Pathogenesis of Abnormal Lung Development in Congenital Diaphragmatic Hernia.

Exposure to p-dichlorobenzene and prevalent endocrine-related reproductive cancers among US women.

Resveratrol ameliorates ortho- polychlorinated biphenyls' induced toxicity in ovary cells.

Association between polychlorinated biphenyls exposure and incident type 2 diabetes mellitus: A nested case-control study.

Single-cell transcriptomic profiling of microvascular endothelial cell heterogeneity in congenital diaphragmatic hernia.

Transcriptional, hormonal and histological alterations in the ovaries of BALB/c mice exposed to TCDD in connection with multigenerational female infertility.

Long-term reproductive effects in male rats prenatally exposed to sodium arsenite.

A Tracheal Aspirate-derived Airway Basal Cell Model Reveals a Proinflammatory Epithelial Defect in Congenital Diaphragmatic Hernia.

Fetal lung hypoxia and energetic cell failure in the nitrofen-induced congenital diaphragmatic hernia rat model.

Associations of metal mixtures with metabolic-associated fatty liver disease and non-alcoholic fatty liver disease: NHANES 2003-2018.

Combined exposure to multiple dioxins and dioxin-like polychlorinated biphenyls on hypertension among US adults in NHANES: a cross-sectional study under three statistical models.

A screening test proposal for congenital defects based on maternal serum metabolomics profile.

Neighborhood Deprivation, Indoor Chemical Concentrations, and Spatial Risk for Childhood Leukemia.

A Comprehensive Investigation on Potential Risk Factors for NSCL/P in a Rural District of Hebei Province, China.

Paternal occupational exposures and infant congenital heart defects in the Japan Environment and Children's Study.

Upregulated TSP1 and CD47 expression in the lung in nitrofen-induced congenital diaphragmatic hernia.

Endocrine disruptors and endometriosis.

Early functional analysis on the pulmonary hemodynamic effects of Transamniotic Stem Cell Therapy (TRASCET) in the nitrofen model of congenital diaphragmatic hernia.

Temporal decline of sperm concentration: role of endocrine disruptors.

"Cocktail" of environmental chemicals and early reproductive outcomes of IVF: The insight from paternal and maternal exposure.

Arsenic-Induced Thyroid Hormonal Alterations and Their Putative Influence on Ovarian Follicles in Balb/c Mice.

Studies on Improving the Efficiency of Somatic Embryogenesis in Grapevine (*Vitis vinifera* L.) and Optimising Ethyl Methanesulfonate Treatment for Mutation Induction.

Uroprotective Potential of Campesterol in Cyclophosphamide Induced Interstitial Cystitis; Molecular Docking Studies.

Endocrine disrupting chemicals in wastewater treatment plants in Kenya, East Africa: Concentrations, removal efficiency, mass loading rates and ecological impacts.

Exposure to the aryl hydrocarbon receptor agonist dioxin disrupts formation of the muscle, nerves, and vasculature in the developing jaw.

The synergy of microplastics with the heavy metal zinc has resulted in reducing the toxic effects of zinc on lentil (*Lens culinaris*) seed germination and seedling growth.

Atrazine: cytotoxicity, oxidative stress, apoptosis, testicular effects and chemopreventive Interventions.

Effect of TCDD exposure in adult female and male mice on the expression of miRNA in the ovaries and testes and associated reproductive functions.

Attenuation of sodium arsenite mediated ovarian DNA damage, follicular atresia, and oxidative injury by combined application of vitamin E and C in post pubertal Wistar rats.

Effects of Chronic Roundup Exposure on Medaka Larvae.

Exposure to arsenic, polycyclic aromatic hydrocarbons, metals, and association with skin cancers in the US adults.

Occupational Farm Work Activities Influence Workers' Indoor Home Microbiome.

Lycopene supplementation: effects on oxidative stress, sex hormones, gonads and thyroid tissue in tilapia *Oreochromis niloticus* during Harness(®) exposure.

Bensulide-induced oxidative stress causes developmental defects of cardiovascular system and liver in zebrafish (*Danio rerio*).

Intra-amniotic sildenafil treatment improves lung blood flow and pulmonary hypertension in congenital diaphragmatic hernia rats.

Therapeutic effects of avocado (*Persea americana* Mill.) seed powder against reproductive toxicity induced by Mancozeb (herbicide) in female rabbits.

Exposure to low-dose arsenic caused teratogenicity and upregulation of proinflammatory cytokines in zebrafish embryos.

Biogenic polymer-based patches for congenital cardiac surgery: a feasibility study.

The exposure to volatile organic chemicals associates positively with rheumatoid arthritis: a cross-sectional study from the NHANES program.

Exposure to the persistent organic pollutant 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD, dioxin) disrupts development of the zebrafish inner ear.

Agrobacterium-mediated direct transformation of wheat mature embryos through organogenesis.

In-silico analysis of atmospheric diffusion, crop planting degrading scheme, and health risk of dioxins from a domestic waste incineration plant.

Contaminants of Emerging Concern (CECs) and Male Reproductive Health: Challenging the Future with a Double-Edged Sword.

Endometriosis: Update of Pathophysiology, (Epi) Genetic and Environmental Involvement.

Exposure to the persistent organic pollutant 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD, dioxin) disrupts development of the zebrafish inner ear.

Biosynthesis and characterization of nanoparticles, its advantages, various aspects and risk assessment to maintain the sustainable agriculture: Emerging technology in modern era science.

SIRT1/PGC-1 α is involved in arsenic-induced male reproductive damage through mitochondrial dysfunction, which is blocked by the antioxidative effect of zinc.

Urinary excretion of phthalates and the substitutes DINCH and DEHTP in Danish young men and German young adults between 2000 and 2017 - A time trend analysis.

Autophagy and its mediated mitochondrial quality control maintain pollen tube growth and male fertility in Arabidopsis.

Vineyard Management and Physicochemical Parameters of Soil Affect Native Trichoderma Populations, Sources of Biocontrol Agents against Phaeoacremonium minimum.

Melatonin Ameliorates Diquat-Induced Testicular Toxicity via Reducing Oxidative Stress, Inhibiting Apoptosis, and Maintaining the Integrity of Blood-Testis Barrier in Mice.

Melatonin alleviates arsenic (As) toxicity in rice plants via modulating antioxidant defense system and secondary metabolites and reducing oxidative stress.

Inorganic arsenic alters the development of dopaminergic neurons but not serotonergic neurons and induces motor neuron development via Sonic hedgehog pathway in zebrafish.

Effects of Pollution on Pregnancy and Infants.

Ameliorating effect of Mucuna pruriens seed extract on sodium arsenite-induced testicular toxicity and hepato-renal histopathology in rats.

Assessment of exposure to volatile organic compounds through urinary concentrations of their metabolites in pet dogs and cats from the United States.

Environmentally relevant uptake, elimination, and metabolic changes following early embryonic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish.

Glyphosate effects on the female reproductive systems: a systematic review.

Anxiety-related behavior and associated brain transcriptome and epigenome alterations in adult female zebrafish exposed to atrazine during embryogenesis.

Pre-Conceptional Exposure to Glyphosate Affects the Maternal Hepatic and Ovarian Proteome.

Use of plant growth regulators to reduce 2-methyl-4-chlorophenoxy acetic acid-Na (MPCA-Na) damage in cotton (*Gossypium hirsutum*).

Oocyte Development and Quality in Young and Old Mice following Exposure to Atrazine.

Mechanism of 2,4-Dichlorophenoxyacetic acid-induced damage to rat testis via Fas/FasL pathway and the protective effect of *Lycium barbarum* polysaccharides.

Glyphosate decreases bovine oocyte quality by inducing oxidative stress and apoptosis.

Potential Mechanisms Involved in Chronic Kidney Disease of Unclear Etiology.

Oxidative stress of glyphosate, AMPA and metabolites of pyrethroids and chlorpyrifos pesticides among primary school children in Cyprus.

Adverse effects of dioxins on cognitive ability and motor performance of 5-year-old children residing in a hotspot of dioxin contamination originating from Agent Orange in Vietnam: A prospective cohort study.

Changes in fatty acid composition as a response to glyphosate toxicity in *Pseudomonas fluorescens*.

Chronic dietary exposure to a glyphosate-based herbicide results in reversible increase early embryo mortality in chicken.

Mass Spectrometry-Based Peptide Profiling of Haemolymph from *Pterostichus melas* Exposed to Pendimethalin Herbicide.

Ameliorative effects of endogenous and exogenous indole-3-acetic acid on atrazine stressed paddy field cyanobacterial biofertilizer *Cylindrospermum stagnale*.

Developmental and behavioral toxicity assessment of glyphosate and its main metabolite aminomethylphosphonic acid (AMPA) in zebrafish embryos/larvae.

Atrazine exposure in zebrafish induces aberrant genome-wide methylation.

Impaired initial development and behavior in zebrafish exposed to environmentally relevant concentrations of widely used pesticides.

Ameliorative potential of vitamin C and E against Roundup-glyphosate induced genotoxicity triggering apoptosis in caprine granulosa cells.

A biochemical, physiological and molecular evaluation of how the herbicide 2, 4-dichlorophenoxyacetic acid intercedes photosynthesis and diazotrophy in the cyanobacterium *Nostoc muscorum* Meg 1.

Do commonly used herbicides (atrazine and glyphosate) have the potential to impair the contractions, prostaglandin releasing and conducting of oxytocin signal at the bovine cervix *in vitro*?

Realistic exposure to fipronil, 2,4-D, vinasse and their mixtures impair larval amphibian physiology.

Mitigative effect of biosynthesized SeNPs on cyanobacteria under paraquat toxicity.

Toxicity of the herbicides used on herbicide-tolerant crops, and societal consequences of their use in France.

Impact of glyphosate and its formulation Roundup® on stallion spermatozoa.

Prolonged atrazine exposure beginning in utero and adult uterine morphology in mice.

Induced Hepatic Glutathione and Metabolomic Alterations Following Mixed Pesticide and Fertilizer Exposures in Juvenile Leopard Frogs (*Lithobates sphenoccephala*).

Effects on reproductive, biochemical and genotoxic parameters of herbicides 2,4-D and glyphosate in silver catfish (*Rhamdia quelen*).

Assessing sub-lethal effects of the dinitroaniline herbicide pendimethalin in zebrafish embryos/larvae (*Danio rerio*).

Arsenic exposure and respiratory outcomes during childhood in the INMA study.

Antagonism of Cyanamide-3-O-glucoside and protocatechuic acid on Aflatoxin B(1)-induced toxicity in zebrafish larva (*Danio rerio*).

A triphenylphosphine coordinated cinnamaldehyde-derived copper(I) Fenton-like agent with mitochondrial aggregation damage for chemodynamic therapy.

FARGO-360: a multi-disciplinary survey of practice and perspectives on provision of care for patients with frailty presenting with gynecological cancers in the UK and Ireland.

Efficacy of N-acetyl- l-cysteine against glyphosate induced oxidative stress and apoptosis in testicular germ cells preventing infertility.

Concentrations of blood and urinary arsenic species and their characteristics in general Korean population.

Occupation and Semen Parameters in a Cohort of Fertile Men.

Responses of soil fertility and microbiomes of atrazine contaminated soil to remediation by hydrochar and persulfate.

Effects of genotype and nutrient medium on obtaining haploid plants through ovary culture in cucumber.

Parental diuron exposure causes lower hatchability and abnormal ovarian development in offspring of medaka (*Oryzias melastigma*).

The combination of organic and inorganic fertilizers influence the weed growth, productivity and soil fertility of monsoon rice.

Glyphosate damages blood-testis barrier via NOX1-triggered oxidative stress in rats: Long-term exposure as a potential risk for male reproductive health.

The effect of tracheal occlusion in congenital diaphragmatic hernia in the nitrofen rat lung explant model.

Flurochloridone induced abnormal spermatogenesis by damaging testicular Sertoli cells in mice.

Association between trichlorophenols and neurodegenerative diseases: A cross-sectional study from NHANES 2003-2010.

Treatment with Amniotic Fluid Stem Cell Extracellular Vesicles Promotes Fetal Lung Branching and Cell Differentiation at Canalicular and Saccular Stages in Experimental Pulmonary Hypoplasia Secondary to Congenital Diaphragmatic Hernia.

Autophagy Is Impaired in Fetal Hypoplastic Lungs and Rescued by Administration of Amniotic Fluid Stem Cell Extracellular Vesicles.

Identification of the shared gene signatures and pathways between polycystic ovary syndrome and endometrial cancer: An omics data based combined approach.

Arsenic Speciation and Metallomics Profiling of Human Toenails as a Biomarker to Assess Prostate Cancer Cases: Atlantic PATH Cohort Study.

Characterization of Developmental Neurobehavioral Toxicity in a Zebrafish MPTP-Induced Model: A Novel Mechanism Involving Anemia.

Prenatal treprostinil reduces the pulmonary hypertension phenotype in the rat model of congenital diaphragmatic hernia.

Neonatal rodent ventilation and clinical correlation in congenital diaphragmatic hernia.

A novel surgical toxicological-free model of diaphragmatic hernia in fetal rats.

Quercetin Reduces the Development of 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Induced Cleft Palate in Mice by Suppressing CYP1A1 via the Aryl Hydrocarbon Receptor.

Aryl Hydrocarbon Receptor Promotes Cell Growth, Stemness Like Characteristics, and Metastasis in Human Ovarian Cancer via Activation of PI3K/Akt, β -Catenin, and Epithelial to Mesenchymal Transition Pathways.

Yes-associated protein is dysregulated during nitrofen-induced hypoplastic lung development due to congenital diaphragmatic hernia.

Flumioxazin, a PPO inhibitor: A weight-of-evidence consideration of its mode of action as a developmental toxicant in the rat and its relevance to humans.

2, 3, 7, 8-Tetrachlorodibenzo-p-dioxin potential impacts on peripheral blood mononuclear cells of endometriosis women.

Oxidative Stress and Toxicity in Reproductive Biology and Medicine: A Comprehensive Update on Male Infertility Volume II - Conclusion.

Gut Microbiome-Dependent Metabolic Pathways and Risk of Lethal Prostate Cancer: Prospective Analysis of a PLCO Cancer Screening Trial Cohort.

Associations between persistent organic pollutants and endometriosis: A multiblock approach integrating metabolic and cytokine profiling.

Toluene: correlation between occupational exposure limits and biological exposure indices.

Roundup in the Reproduction of Crucian Carp (*Carassius carassius*): An In Vitro Effect on the Pituitary Gland and Ovary.

Urinary volatile organic compound metabolites and reduced lung function in U.S. adults.

Determination of the relative potencies of brominated dioxins for risk assessment in aquatic environments using the early-life stage of Japanese medaka.

Exposure to pyrazosulfuron-ethyl induces immunotoxicity and behavioral abnormalities in zebrafish embryos.

Chemical mutagenesis: role in breeding and biofortification of lentil (*Lens culinaris* Medik) mutant lines.

Chemical compositions, antibacterial, antifungal and cytotoxic effects of *Alhagi mannifera* five extracts.

Extracellular matrix and cyclic stretch alter fetal cardiomyocyte proliferation and maturation in a rodent model of heart hypoplasia.

The potential benefits of dinitrophenol combination with chemotherapy in the treatment of ovarian cancer.

Elevated congenital heart disease birth prevalence rates found in Central Vietnam and dioxin TCDD residuals from the use of 2, 4, 5-T herbicides (Agent Orange) in the Da Nang region.

Ryanodine receptor-active non-dioxin-like polychlorinated biphenyls cause neurobehavioral deficits in larval zebrafish.

Assessment of Semen Respiratory Activity of Domesticated Species before and after Cryopreservation: Boars, Bulls, Stallions, Reindeers and Roosters.

Levels of anti-cyclic citrullinated peptide and antinuclear antibodies in Brazilian agricultural workers exposed to pesticides and fertilizers.

Fungi-derived agriculturally important nanoparticles and their application in crop stress management - Prospects and environmental risks.

Life Cycle Exposure to Cyhalofop-Butyl Induced Reproductive Toxicity in Zebrafish.

Transcriptomic analysis of deceptively pollinated *Arum maculatum* (Araceae) reveals association between terpene synthase expression in floral trap chamber and species-specific pollinator attraction.

The effect of 3-Methyl-4-Nitrophenol on the early ovarian follicle development in mice by disrupting the clock genes expression.

Experimental evaluation of biological regeneration of arable soil: The effects of grass-clover leys and arbuscular mycorrhizal inoculants on wheat growth, yield, and shoot pathology.

Agent Orange Exposure, Transformation From MGUS to Multiple Myeloma, and Outcomes in Veterans.

Arsenic exposure diminishes ovarian follicular reserve and induces abnormal steroidogenesis by DNA methylation.

Tetrachlorobisphenol A mediates reproductive toxicity in *Caenorhabditis elegans* via DNA damage-induced apoptosis.

Drosophila ecdysone receptor activity-based ex vivo assay to assess the endocrine disruption potential of environmental chemicals.

Insight into 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced disruption of zebrafish spermatogenesis via single cell RNA-seq.

Effects of dietary 2-(2H-benzotriazol-2-yl)-4-methylphenol (UV-P) exposure on Japanese medaka (*Oryzias latipes*) in a short-term reproduction assay.

Effects of the Herbicide Atrazine on Crustacean Reproduction. Mini-Review.

Interference of Arabidopsis N-Acetylglucosamine-1-P Uridyltransferase Expression Impairs Protein N-Glycosylation and Induces ABA-Mediated Salt Sensitivity During Seed Germination and Early Seedling Development.

Comparative Toxicotranscriptomics of Single Cell RNA-Seq and Conventional RNA-Seq in TCDD-Exposed Testicular Tissue.

Distinct Epithelial Cell Profiles in Normal Versus Induced-Congenital Diaphragmatic Hernia Fetal Lungs.

Associations of total urinary arsenic with total cholesterol and high-density lipoprotein among 12-17-year-old participants from the 2009-2016 NHANES cycles: A cross-sectional study.

Rice straw biochar in combination with farmyard manure mitigates bromoxynil toxicity in wheat (*Triticum aestivum* L.).

Optimized Transformation and Gene Editing of the B104 Public Maize Inbred by Improved Tissue Culture and Use of Morphogenic Regulators.

The Potential Role of Mitochondrial Acetaldehyde Dehydrogenase 2 in Urological Cancers From the Perspective of Ferroptosis and Cellular Senescence.

Breath chemical markers of sexual arousal in humans.

Atrazine and Diuron Effects on Survival, Embryo Development, and Behavior in Larvae and Adult Zebrafish.

Agent Orange Reviewed: Potential Role in Peripheral Neuropathy and Neurodegeneration.

Sodium arsenite accelerates D-galactose-induced aging in the testis of the rat: Evidence for mitochondrial oxidative damage, NF- κ B, JNK, and apoptosis pathways.

$\hat{\alpha}$ -Tocopherol restores semen quality in rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Correlations of gestational hemoglobin level, placental trace elements content, and reproductive performances in pregnant sows.

Glutathione protects against the meiotic defects of ovine oocytes induced by arsenic exposure via the inhibition of mitochondrial dysfunctions.

Hormonal interactions underlying parthenocarpic fruit formation in horticultural crops.

Effects of glufosinate-ammonium on male reproductive health: Focus on epigenome and transcriptome in mouse sperm.

Inflammatory, Oxidative Stress, and Apoptosis Effects in Zebrafish Larvae after Rapid Exposure to a Commercial Glyphosate Formulation.

Review: Mechanisms of Glyphosate and Glyphosate-Based Herbicides Action in Female and Male Fertility in Humans and Animal Models.

Exposure to Atrazine through gestation and lactation period led to impaired sexual maturation and subfertility in F1 male rats with congenital deformities in F2 progeny.

The effect of Roundup on embryonic development, early foxr1 and hsp70 gene expression and hatching of common carp (*Cyprinus carpio* L.).

Ecotoxicological effects of commercial herbicides on the reproductive system of aquatic arthropod *Limnocoris submontandoni* (Hemiptera: Naucoridae).

Influences of Agrochemicals on Health and Ecology in Vietnamese Mango Cultivation.

Widespread agrochemicals differentially affect zooplankton biomass and community structure.

Prenatal exposure to organophosphate and pyrethroid insecticides and the herbicide 2,4-dichlorophenoxyacetic acid and size at birth in urban pregnant women.

Glyphosate: A Review on the Current Environmental Impacts from a Brazilian Perspective.

Effects of sulfometuron-methyl on zebrafish at early developmental stages.

Glyphosate exposure attenuates testosterone synthesis via NR1D1 inhibition of StAR expression in mouse Leydig cells.

Survival on railway tracks of *Geranium robertianum*-a glyphosate-tolerant plant.

Toxicity and risk assessment of six widely used pesticides on embryo-larval development of the Pacific oyster, *Crassostrea gigas*.

Glyphosate Herbicide: Reproductive Outcomes and Multigenerational Effects.

Exposure to multiple pesticides and neurobehavioral outcomes among smallholder farmers in Uganda.

Meta-analysis and experimental validation identified atrazine as a toxicant in the male reproductive system.

Inflammatory state and autism-like behavioral phenotype of offspring induced by maternal exposure to low-dose chemical mixtures during pregnancy in mice.

Changes in soil microbial community and activity caused by application of dimethachlor and linuron.

Embryonic atrazine exposure and later in life behavioral and brain transcriptomic, epigenetic, and pathological alterations in adult male zebrafish.

Synergistic effects of glyphosate and multiwall carbon nanotubes on *Arabidopsis thaliana* physiology and metabolism.

Carryover effect of atrazine and its metabolite from treated bovine spermatozoa to the embryo's transcriptome.

Developmental atrazine exposure in zebrafish produces the same major metabolites as mammals along with altered behavioral outcomes.

Mutation of the Cytochrome P450 CYP360A8 Gene Increases Sensitivity to Paraquat in *Daphnia magna*.

An Experimental Approach to Study the Effects of Realistic Environmental Mixture of Linuron and Propamocarb on Zebrafish Synaptogenesis.

Reproductive activation in honeybee (*Apis mellifera*) workers protects against abiotic and biotic stress.

Queen loss increases worker survival in leaf-cutting ants under paraquat-induced oxidative stress.

In vitro Interference of a Glyphosate Commercial Formulation with the Stimulation of Ovarian Maturation by Progesterone, in the Estuarine Crab *Neohelice granulata*.

Melatonin rescues the reproductive toxicity of low-dose glyphosate-based herbicide during mouse oocyte maturation via the GPER signaling pathway.

Prenatal exposure to atrazine induces cryptorchidism and hypospadias in F1 male mouse offspring.

Developmental toxicity and transcriptome analysis of zebrafish (*Danio rerio*) embryos following exposure to chiral herbicide safener benoxacor.

Differential impact of dose-range glyphosate on locomotor behavior, neuronal activity, gliocerebrovascular structures, and transcript regulations in zebrafish larvae.

Effects of glyphosate-based herbicide-contaminated diets on reproductive organ toxicity and hypothalamic-pituitary-ovarian axis hormones in weaned piglets.

Reproductive toxicity of Roundup WG® herbicide: impairments in ovarian follicles of model organism *Danio rerio*.

Functional responses of *Hyalella meinerti* after exposure to environmentally realistic concentrations of 2,4-D, fipronil, and vinasse (individually and in mixture).

Evaluation of dietary dose administration as an alternative to oral gavage in the rodent uterotrophic and Hershberger assays.

Paraquat exposure over generation affects lifespan and reproduction through mitochondrial disruption in *C. elegans*.

Melatonin alleviates the deterioration of oocytes and hormonal disorders from mice subjected to glyphosate.

Effect of Fertiactyl(®) on the absorption and translocation of (14)C-glyphosate in young eucalyptus plants.

Fragrance- and Botanical-Related Allergy and Associated Concomitant Reactions: A Retrospective Analysis of the North American Contact Dermatitis Group Data 2007-2016.

Impact of chronic exposure of rainbow trout, *Oncorhynchus mykiss*, to low doses of glyphosate or glyphosate-based herbicides.

Changes induced by atrazine in *Clarias gariepinus* provide insight into alterations in ovarian histoarchitecture and direct effects on oogenesis.

Agrochemicals in freshwater systems and their potential as endocrine disrupting chemicals: A South African context.

Risk in the circular food economy: Glyphosate-based herbicide residues in manure fertilizers decrease crop yield.

Diquat poisoning in a pregnant woman resulting in a miscarriage and maternal death.

Differences in epithelial-mesenchymal-transition in paraquat-induced pulmonary fibrosis in BALB/C and BALB/C (nu/nu) nude mice.

The Stage at Presentation and Oncologic Outcomes for Agent Orange Exposed and Non-Exposed United States Veterans Diagnosed With Prostate Cancer.

Effects of low-concentration glyphosate and aminomethyl phosphonic acid on zebrafish embryo development.

Maternal urinary levels of glyphosate during pregnancy and anogenital distance in newborns in a US multicenter pregnancy cohort.

Coexisting antibiotic changes the persistence and metabolic profile of atrazine in the environment.

The Effect of Glyphosate on the Reproduction of Estuarine Crabs: *Neohelice granulata* as a Study Model.

Low Doses of Glyphosate/Roundup Alter Blood-Testis Barrier Integrity in Juvenile Rats.

Metabolomic Profiling of Poor Ovarian Response Identifies Potential Predictive Biomarkers.

Cardiac toxicity assessment of pendimethalin in zebrafish embryos.

The Aryl hydrocarbon receptor mediates reproductive toxicity of polychlorinated biphenyl congener 126 in rats.

Effects of the prenatal environment on cryptorchidism: A narrative review.

Fluroxypyr-1-methylheptyl ester interferes with the normal embryogenesis of zebrafish by inducing apoptosis, inflammation, and neurovascular toxicity.

Prenatal Molecular Hydrogen Administration Ameliorates Several Findings in Nitrofen-Induced Congenital Diaphragmatic Hernia.

Multi- and Transgenerational Outcomes of an Exposure to a Mixture of Endocrine-Disrupting Chemicals (EDCs) on Puberty and Maternal Behavior in the Female Rat.

Oxidative stress inducers potentiate 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated pre-cardiac edema in larval zebrafish.

Associations between Exposure to Organochlorine Chemicals and Endometriosis: A Systematic Review of Experimental Studies and Integration of Epidemiological Evidence.

Effects of 2,4-dichlorophenol exposure on zebrafish: Implications for the sex hormone synthesis.

Iron overload during the embryonic period develops hyperactive like behavior and dysregulation of biogenic amines in *Drosophila melanogaster*.

Metam sodium exposure during pregnancy and lactation in mice caused behavioral abnormalities and oxidative stress in offspring.

Developmental and lifelong dioxin exposure induces measurable changes in cardiac structure and function in adulthood.

The role of MEG3 in the proliferation of palatal mesenchymal cells is related to the TGF β /Smad pathway in TCDD inducing cleft palate.

Circulating short and medium chain fatty acids are associated with normoalbuminuria in type 1 diabetes of long duration.

Vitamin D improves pulmonary function in a rat model for congenital diaphragmatic hernia.

Environmental exposures to endocrine disrupting chemicals (EDCs) and their role in endometriosis: a systematic literature review.

Impact of congenital diaphragmatic hernia on diaphragm muscle function in neonatal rats.

Pbx1, Meis1, and Runx1 Expression Is Decreased in the Diaphragmatic and Pulmonary Mesenchyme of Rats with Nitrofen-Induced Congenital Diaphragmatic Hernia.

Adverse effects of iron deficiency anemia on pregnancy outcome and offspring development and intervention of three iron supplements.

Impact of prenatal arsenic exposure on the testes and epididymides of prepubertal rats.

Transamniotic Stem Cell Therapy for Experimental Congenital Diaphragmatic Hernia: Structural, Transcriptional, and Cell Kinetics Analyses in the Nitrofen Model.

Epithelial cell-adhesion protein cadherin 26 is dysregulated in congenital diaphragmatic hernia and congenital pulmonary airway malformation.

Association of urinary chlorophenols with central obesity in Korean girls.

Differences in exposure to toxic and/or carcinogenic volatile organic compounds between Black and White cigarette smokers.

A Glyphosate-Based Herbicide in Soil Differentially Affects Hormonal Homeostasis and Performance of Non-target Crop Plants.

Genetic Control of MAP3K1 in Eye Development and Sex Differentiation.

Transformation of Teosinte (*Zea mays* ssp. *parviglumis*) via Biolistic Bombardment of Seedling-Derived Callus Tissues.

Chronic Dietary Exposure of Roosters to a Glyphosate-Based Herbicide Increases Seminal Plasma Glyphosate and AMPA Concentrations, Alters Sperm Parameters, and Induces Metabolic Disorders in the Progeny.

Reproductive toxicological changes in avian embryos due to a pesticide and an environmental contaminant.

A novel dominant selection system for plant transgenics based on phosphite metabolism catalyzed by bacterial alkaline phosphatase.

Animal Toxicology Studies on the Male Reproductive Effects of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin: Data Analysis and Health Effects Evaluation.

A mixture of 15 phthalates and pesticides below individual chemical no observed adverse effect levels (NOAELs) produces reproductive tract malformations in the male rat.

Provision of folic acid for reducing arsenic toxicity in arsenic-exposed children and adults.

Arsenic exposure induces a bimodal toxicity response in zebrafish.

ABA signalling promotes cell totipotency in the shoot apex of germinating embryos.

In vitro effect of ferrous sulphate on bovine spermatozoa motility parameters, viability and Annexin V-labeled membrane changes.

Transcriptional profiling of Chinese hamster ovary (CHO) cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Benoxacor caused developmental and cardiac toxicity in zebrafish larvae.

Experimental Evidence of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) Transgenerational Effects on Reproductive Health.

Impact of Estrogen Withdrawal and Replacement in Female Mice along the Intestinal Tract. Comparison of E2 Replacement with the Effect of a Mixture of Low Dose Pollutants.

Induction of *Catharanthus roseus* Secondary Metabolites When *Calotropis procera* Was Used as Bio-Stimulant.

Association between vaginal microbiota and risk of early pregnancy miscarriage.

Arsenic-induced uterine apoptotic damage is protected by ethyl acetate fraction of *Camellia sinensis* (green tea) via Bcl-2-BAX through NF- κ B regulations in Wistar rats.

Chronic exposure to environmentally realistic levels of diuron impacts the behaviour of adult marine medaka (*Oryzias melastigma*).

Toxicological Effects of Roundup(®) on *Drosophila melanogaster* Reproduction.

Protective and therapeutic effect of hydrogen sulfide on hemorrhagic cystitis and testis dysfunction induced with cyclophosphamide.

Pesticide-induced multigenerational effects on amphibian reproduction and metabolism.

Hidroxiacetilresorcinol Counteracts Cyclophosphamide-Induced Male Infertility through NRF2 Pathways in a Mouse Model.

Drivers of adoption of crop protection and soil fertility management practices among smallholder soybean farmers in Tolon district of Ghana.

Urinary arsenic species and methylation efficiency during pregnancy: Concentrations and associated factors in Spanish pregnant women.

Atrazine Promoted Epithelial Ovarian Cancer Cells Proliferation and Metastasis by Inducing Low Dose Reactive Oxygen Species (ROS).

Lung Metabolomics Profiling of Congenital Diaphragmatic Hernia in Fetal Rats.

Reproductive Toxicity of 3,4-dichloroaniline (3,4-DCA) on Javanese Medaka (*Oryzias javanicus*, Bleeker 1854).

Opposing Effects of TGF β 2 and BMP in the Pulmonary Vasculature in Congenital Diaphragmatic Hernia.

Occupational use of agrochemicals results in inhibited cholinesterase activity and altered reproductive hormone levels in male farmers from Buea, Cameroon.

Dioxin exposure associated with fecundability and infertility in mothers and daughters of Seveso, Italy.

Neuropathy and chloracne induced by 3,5,6-trichloropyridin-2-ol sodium: Report of three cases.

Single Amino Acid Exchange in ACTIN2 Confers Increased Tolerance to Oxidative Stress in *Arabidopsis thaliana* Mutant.

Benfuresate induces developmental toxicity in zebrafish larvae by generating apoptosis and pathological modifications.

Identification of molecular toxicity pathways across early life-stages of zebrafish exposed to PCB126 using a whole transcriptomics approach.

Endocrine disrupting chemicals and reproductive disorders in women, men, and animal models.

DNA of crayfish spermatozoa as a target of waterborne pesticides - An ex vivo approach as a tool to short-term spermotoxicity screening.

Are glyphosate and glyphosate-based herbicides endocrine disruptors that alter female fertility?

ROBO2 signaling in lung development regulates SOX2/SOX9 balance, branching morphogenesis and is dysregulated in nitrofen-induced congenital diaphragmatic hernia.

Quantitative in Vitro to in Vivo Extrapolation (QIVIVE) for Predicting Reduced Anogenital Distance Produced by Anti-Androgenic Pesticides in a Rodent Model for Male Reproductive Disorders.

Effects of wood distillate (pyroligneous acid) on sensitive bioindicators (lichen and moss).

Effect of fomesafen on the embryonic development of zebrafish.

Differential effects of pollution on adult and recruits of a canopy-forming alga: implications for population viability under low pollutant levels.

Herbicide Glyphosate: Toxicity and Microbial Degradation.

Life-History Traits Response to Effects of Fish Predation (Kairomones), Fipronil and 2,4-D on Neotropical Cladoceran *Ceriodaphnia silvestrii*.

Neonatal exposure to a glyphosate-based herbicide alters the uterine differentiation of prepubertal ewe lambs.

Perinatal exposure to glyphosate or a glyphosate-based formulation disrupts hormonal and uterine milieu during the receptive state in rats.

Ovarian mitochondrial and oxidative stress proteins are altered by glyphosate exposure in mice.

Absence of glyphosate-induced effects on ovarian folliculogenesis and steroidogenesis.

Behavioural toxicity of environmental relevant concentrations of a glyphosate commercial formulation - RoundUp® UltraMax - During zebrafish embryogenesis.

Difficulties in establishing a causal link between chemical exposures and cancer cannot be overcome by court assessments.

Effects of Roundup and its main component, glyphosate, upon mammalian sperm function and survival.

Changes in thyroid hormone levels and related gene expressions in embryo-larval zebrafish exposed to binary combinations of bifenthrin and acetochlor.

Embryotoxicity of atrazine and its degradation products to early life stages of zebrafish (*Danio rerio*).

Glyphosate Induces Metaphase II Oocyte Deterioration and Embryo Damage by Zinc Depletion and Overproduction of Reactive Oxygen Species.

Titanium dioxide nanoparticles enhanced thyroid endocrine disruption of pentachlorophenol rather than neurobehavioral defects in zebrafish larvae.

Atrazine induces penis abnormalities including hypospadias in mice.

Environmental Pollution, Oxidative Stress and Thioretinaco Ozonide: Effects of Glyphosate, Fluoride and Electromagnetic Fields on Mitochondrial Dysfunction in Carcinogenesis, Atherogenesis and Aging.

Maternal exposure to mixtures of dienestrol, linuron and flutamide. Part I: Feminization effects on male rat offspring.

Effects of fertilization on the triafamone photodegradation in aqueous solution: Kinetic, identification of photoproducts and degradation pathway.

Pre- and postnatal exposure to glyphosate-based herbicide causes behavioral and cognitive impairments in adult mice: evidence of cortical and hippocampal dysfunction.

Environmentally relevant mixture of S-metolachlor and its two metabolites affects thyroid metabolism in zebrafish embryos.

Transgenerational disrupting impacts of atrazine in zebrafish: Beneficial effects of dietary spirulina.

Glyphosate-based herbicide exposure during pregnancy and lactation malprograms the male reproductive morphofunction in F1 offspring.

Dipteryx alata, a tree native to the Brazilian Cerrado, is sensitive to the herbicide nicosulfuron.

Association of urinary metabolites of organophosphate and pyrethroid insecticides, and phenoxy herbicides with endometriosis.

In vitro effects of glyphosate and Roundup on Sertoli cell physiology.

Effects of glyphosate and a commercial formulation Roundup® exposures on maturation of *Xenopus laevis* oocytes.

2,4-Dichlorophenoxyacetic acid herbicide effects on zebrafish larvae: development, neurotransmission and behavior as sensitive endpoints.

The surfactant polyethoxylated tallowamine (POEA) reduces lifespan and inhibits fecundity in *Drosophila melanogaster*- In vivo and in vitro study.

MiR-130a-5p/Foxa2 axis modulates fetal lung development in congenital diaphragmatic hernia by activating the Shh/Gli1 signaling pathway.

Interference of an atrazine commercial formulation with the endocrine control of ovarian growth exerted by the eyestalks.

Cardiac toxicity of acrolein exposure in embryonic zebrafish (*Danio rerio*).

Aldehyde Dehydrogenase Inhibition Ameliorates Cardiac Dysfunction and Exacerbates Hypotension Caused by Alcohol in Female Rats.

Glyphosate exposures and kidney injury biomarkers in infants and young children.

Sub-lethal toxicity assessment of the phenylurea herbicide linuron in developing zebrafish (*Danio rerio*) embryo/larvae.

As3MT and GST Polymorphisms Influencing Arsenic Metabolism in Human Exposure to Drinking Groundwater.

Disruption of cytochrome P450 enzymes in the liver and small intestine in chicken embryos in ovo exposed to glyphosate.

miR-200 family expression during normal and abnormal lung development due to congenital diaphragmatic hernia at the later embryonic stage in the nitrofen rat model.

The ubiquitination and acetylation of histones are associated with male reproductive disorders induced by chronic exposure to arsenite.

Pesticide use and incident Parkinson's disease in a cohort of farmers and their spouses.

IL-12p40 and sRAGE in serum correlate with chemically induced cleft palate in mice.

Polyphenol-rich fraction of *Alchornea cordifolia* leaf ameliorates arsenite-induced infertility in male rats.

[Omphalomesenteric fistulas; epidemiological diagnostic and therapeutic features: study of four cases in the Department of Pediatric Surgery at the Aristide Le Dantec University Hospital in Dakar].

A competence of embryo-derived tissues of tetraploid cultivated wheat species *Triticum dicoccum* and *Triticum timopheevii* for efficient and stable transgenesis mediated by particle inflow gun.

Effects of intrauterine exposure to 2,3',4,4',5-pentachlorobiphenyl on the reproductive system and sperm epigenetic imprinting of male offspring.

Extracellular vesicles influence the pulmonary arterial extracellular matrix in congenital diaphragmatic hernia.

Blood vessels are primary targets for 2,3,7,8-tetrachlorodibenzo-p-dioxin in pre-cardiac edema formation in larval zebrafish.

Extracellular Vesicles Attenuate Nitrofen-Mediated Human Pulmonary Artery Endothelial Dysfunction: Implications for Congenital Diaphragmatic Hernia.

In utero exposure to arsenite contributes to metabolic and reproductive dysfunction in male offspring of CD-1 mice.

Vitamin B12 and folic acid alleviate symptoms of nutritional deficiency by antagonizing aryl hydrocarbon receptor.

A comprehensive analysis of AHRR gene as a candidate for cleft lip with or without cleft palate.

Maternal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin suppresses male reproductive functions in their adulthood.

Cross-crop resistance of *Spodoptera frugiperda* selected on Bt maize to genetically-modified soybean expressing Cry1Ac and Cry1F proteins in Brazil.

Overexpression of miR-455-5p affects retinol (vitamin A) absorption by downregulating STRA6 in a nitrofen-induced CDH with lung hypoplasia rat model.

Oct4 plays a role in 2, 3, 7, 8 - tetrachlorobenzo-p-dioxin (TCDD) inducing cleft palate and inhibiting mesenchymal proliferation.

Transgenerational epigenetic and transcriptomic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in rat.

Identification of environmental chemicals targeting miscarriage genes and pathways using the comparative toxicogenomics database.

Metabolomic alternations of follicular fluid of obese women undergoing in-vitro fertilization treatment.

Dioxin and endometriosis: a new possible relation based on epigenetic theory.

Research into the intervention effect of folic acid on arsenic-induced heart abnormalities in fetal rats during the periconception period.

2,4-Dichlorophenol induces feminization of zebrafish (*Danio rerio*) via DNA methylation.

Prenatal exposure to the pesticide metam sodium induces sensorimotor and neurobehavioral abnormalities in mice offspring.

2,4-Dichlorophenol induced feminization of zebrafish by down-regulating male-related genes through DNA methylation.

Congenital diaphragmatic hernia as a potential target for transamniotic stem cell therapy.

Reproductive disorders in female rats after prenatal exposure to sodium arsenite.

Health effects of nutrients and environmental pollutants in Baltic herring and salmon: a quantitative benefit-risk assessment.

Tandem mass tag (TMT) proteomic analysis of fetal lungs revealed differential expression of tight junction proteins in a rat model of congenital diaphragmatic hernia.

Peroxidases from an invasive Mesquite species for management and restoration of fertility of phenolic-contaminated soil.

Impact of environmental contaminants on reproductive health of male domestic ruminants: a review.

Ameliorative Effect of Crocin on Sperm Parameters and In Vitro Fertilization in Mice under Oxidative Stress Induced by Paraquat.

In vitro effects of PNP and PNMC on apoptosis and proliferation in the hen ovarian stroma and prehierarchal follicles.

Which chemicals should be grouped together for mixture risk assessments of male reproductive disorders?

Involvement of metallothionein, homocysteine and B-vitamins in the attenuation of arsenic-induced uterine disorders in response to the oral application of hydro-ethanolic extract of *Moringa oleifera* seed: a preliminary study.

Paraquat Reduces the Female Fertility by Impairing the Oocyte Maturation in Mice.

Cytochrome P450 Expression and Chemical Metabolic Activity before Full Liver Development in Zebrafish.

Paecilomyces and Its Importance in the Biological Control of Agricultural Pests and Diseases.

Endocrine-Disrupting Air Pollutants and Their Effects on the Hypothalamus-Pituitary-Gonadal Axis.

Impact of environmental toxin exposure on male fertility potential.

Effects on the Liver Transcriptome in Baltic Salmon: Contributions of Contamination with Organohalogen Compounds and Origin of Salmon.

Dioxin Disrupts Dynamic DNA Methylation Patterns in Genes That Govern Cardiomyocyte Maturation.

Effects of agricultural pesticides on the reproductive system of aquatic wildlife species, with crocodilians as sentinel species.

A laboratory investigation into features of morphology and physiology for their potential to predict reproductive success in male frogs.

Age-dependent vulnerability of the ovary to AhR-mediated TCDD action before puberty: Evidence from mouse models.

Occupational pesticide use and self-reported olfactory impairment in US farmers.

TCDD-induced multi- and transgenerational changes in the methylome of male zebrafish gonads.

A multidimensional density dependent matrix population model for assessing risk of stressors to fish populations.

In vitro administration of sodium arsenite in mouse prepubertal testis induces germ cell loss and apoptosis.

Serum dioxin levels and sperm DNA methylation age: Findings in Vietnam war veterans exposed to Agent Orange.

Nanoparticles in Agroindustry: Applications, Toxicity, Challenges, and Trends.

Yolk Sac of Zebrafish Embryos as Backpack for Chemicals?

Agrochemicals disrupt multiple endocrine axes in amphibians.

Mitigation of arsenic driven utero-ovarian malfunction and changes of apoptotic gene expression by dietary NAC.

Acetochlor affects zebrafish ovarian development by producing estrogen effects and inducing oxidative stress.

Spatiotemporal variation in occurrence and co-occurrence of pesticides, hormones, and other organic contaminants in rivers in the Chesapeake Bay Watershed, United States.

Herbicidal efficacy of harzianums produced by the biofertilizer fungus, *Trichoderma brevicompactum*.

In-vitro antioxidant, antimutagenic and cancer cell growth inhibition activities of *Rhododendron arboreum* leaves and flowers.

Longitudinal Study of Metabolic Biomarkers among Conventional and Organic Farmers in Thailand.

Agronomic Factors Associated with Bacterial Leaf Streak Development Caused by *Xanthomonas vasicola* pv. *vasculorum* in Corn.

Multigenerational and transgenerational effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on ovarian reserve and follicular development through AMH/AMHR2 pathway in adult female rats.

Air quality biomonitoring of trace elements in the metropolitan area of Huancayo, Peru using transplanted *Tillandsia capillaris* as a biomonitor.

Profile and outcome of patients presenting with agrochemical poisoning to the emergency department.

Manipulating Gibberellin Control Over Growth and Fertility as a Possible Target for Managing Wild Radish Weed Populations in Cropping Systems.

Does the application of human waste as a fertilization material in agricultural production pose adverse effects on human health attributable to contaminants of emerging concern?

Corrigendum to "Transgenerational impairment of ovarian induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) associated with Igf2 and H19 in adult female rat" [Toxicology 428 (2019) 152311].

Plant tissue analysis as a tool for predicting fertiliser needs for low cyanogenic glucoside levels in cassava roots: An assessment of its possible use.

Arsenic and smokeless tobacco exposure induces DNA damage and oxidative stress in reproductive organs of female Swiss albino mice.

Intra-Amniotic Sildenafil Treatment Promotes Lung Growth and Attenuates Vascular Remodeling in an Experimental Model of Congenital Diaphragmatic Hernia.

Effect of antenatal tetramethylpyrazine on lung development and YAP expression in rat model of experimental congenital diaphragmatic hernia.

Developmental Exposure to PCB153 (2,2',4,4',5,5'-Hexachlorobiphenyl) Alters Circadian Rhythms and the Expression of Clock and Metabolic Genes.

Atrazine-induced toxicity in goat spermatozoa is alleviated to some extent by polyphenol-enriched feed.

Clethodim exposure induced development toxicity and behaviour alteration in early stages of zebrafish life.

Effect of the herbicide atrazine and its major metabolite, DACT, on bovine sperm cryotolerance.

Chronic Kidney Disease in Agricultural Communities.

Effect of Herbicide Glyphosate on *Drosophila melanogaster* Fertility and Lifespan.

Low dose of flurochloridone affected reproductive system of male rats but not fertility and early embryonic development.

Acute in vitro exposure to environmentally relevant atrazine levels perturbs bovine preimplantation embryo metabolism and cell number.

Atrazine induced transgenerational reproductive effects in medaka (*Oryzias latipes*).

The effects of Roundup® in embryo development and energy metabolism of the zebrafish (*Danio rerio*).

Clinical outcome of paraquat poisoning during pregnancy.

Thyroid Hormones in Conventional and Organic Farmers in Thailand.

Exposure to Roundup® affects behaviour, head regeneration and reproduction of the freshwater planarian *Girardia tigrina*.

A new split-luciferase complementation assay identifies pentachlorophenol as an inhibitor of apoptosome formation.

Effect of Individual and Combined Treatments of Pesticide, Fertilizer, and Salt on Growth and Corticosterone Levels of Larval Southern Leopard Frogs (*Lithobates sphenoccephala*).

Developmental and epigenetic effects of Roundup and glyphosate exposure on Japanese medaka (*Oryzias latipes*).

Perinatal Exposure to Glyphosate and a Glyphosate-Based Herbicide Affect Spermatogenesis in Mice.

Rapamycin reduces mortality in acute-stage paraquat-induced toxicity in zebrafish.

Assessment of Glyphosate Induced Epigenetic Transgenerational Inheritance of Pathologies and Sperm Epimutations: Generational Toxicology.

Maternal residential exposure to specific agricultural pesticide active ingredients and birth defects in a 2003-2005 North Carolina birth cohort.

The Ramazzini Institute 13-week pilot study glyphosate-based herbicides administered at human-equivalent dose to Sprague Dawley rats: effects on development and endocrine system.

Setal-epidermal, muscular and enzymatic anomalies induced by certain agrochemicals in the earthworm *Eudrilus eugeniae* (Kinberg).

Toxicological impact of oxyfluorfen 24% herbicide on the reproductive system, antioxidant enzymes, and endocrine disruption of *Biomphalaria alexandrina* (Ehrenberg, 1831) snails.

Fenoxaprop-ethyl affects mouse oocyte quality and the underlying mechanisms.

Enantioselective thyroid disruption in zebrafish embryo-larvae via exposure to environmental concentrations of the chloroacetamide herbicide acetochlor.

Neonatal exposure to a glyphosate-based herbicide alters the histofunctional differentiation of the ovaries and uterus in lambs.

Roundup® Herbicide Decreases Quality Parameters of Spermatozoa of Silversides *Odontesthes Humensis*.

Loss of methionine sulfoxide reductases increases resistance to oxidative stress.

Combined treatment with Cinnamaldehyde and β -TCP had an additive effect on bone formation and angiogenesis in critical size calvarial defect in ovariectomized rats.

Herbicide-tolerant endophytic bacteria of rice plants as the biopriming agents for fertility recovery and disease suppression of unhealthy rice seeds.

Mitigating the risk of atrazine exposure: Identifying hot spots and hot times in surface waters across Nebraska, USA.

Cinnamaldehyde application decreases tail temperature in ovariectomized rats with and without estradiol administration.

Atrazine or bisphenol A mediated negative modulation of mismatch repair gene, mlh1 leads to defective oogenesis and reduced female fertility in *Drosophila melanogaster*.

Effective attenuation of glyphosate-induced oxidative stress and granulosa cell apoptosis by vitamins C and E in caprines.

Reduction of Kiss1 expression in the anteroventral periventricular nucleus is associated with atrazine-induced attenuation of the luteinizing hormone surge in female rats.

Transgenerational impairment of ovarian induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) associated with Igf2 and H19 in adult female rat.

First steps in the development of a liquid biopsy in situ hybridization protocol to determine circular RNA biomarkers in rat biofluids.

An intra-amniotic injection of mesenchymal stem cells promotes lung maturity in a rat congenital diaphragmatic hernia model.

Common differentially expressed proteins were found in mouse cleft palate models induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin and retinoic acid.

The negative impact of the environment on methylation/epigenetic marking in gametes and embryos: A plea for action to protect the fertility of future generations.

Effects of 2,3',4,4'5-pentachlorobiphenyl exposure during pregnancy on epigenetic imprinting and maturation of offspring's oocytes in mice.

Can contamination of the environment by dioxins cause craniofacial defects?

Dietary CCPS from bitter melon attenuates sodium arsenite induced female reproductive ailments cum infertility in wistar rats: anti-inflammatory and anti-apoptotic role.

Role of epigenetic regulation of Igf2 and H19 in 2,3,7,8-Tetrachlorobenzo-p-dioxin (TCDD)-induced ovarian toxicity in offspring rats.

Selected persistent organic pollutants associated with the risk of primary ovarian insufficiency in women.

ahr2, But Not ahr1a or ahr1b, Is Required for Craniofacial and Fin Development and TCDD-dependent Cardiotoxicity in Zebrafish.

Involvement of proinflammatory cytokines and metallothionein in the repairing of arsenic-mediated uterine tissue damage by curcumin.

High insecticide resistance intensity of *Anopheles gambiae* (s.l.) and low efficacy of pyrethroid LLINs in Accra, Ghana.

Extragenital cutaneous warts - clinical presentation, diagnosis and treatment.

Association of the human aryl hydrocarbon receptor repressor (AhRR)-c.565C>G transversion with male infertility: A case-control study from Iran.

Pulmonary hypertension secondary to congenital diaphragmatic hernia: factors and pathways involved in pulmonary vascular remodeling.

Prenatal microRNA miR-200b Therapy Improves Nitrofen-induced Pulmonary Hypoplasia Associated With Congenital Diaphragmatic Hernia.

Environmental toxins and the impact of other endocrine disrupting chemicals in women's reproductive health.

The proportion of alveolar type 1 cells decreases in murine hypoplastic congenital diaphragmatic hernia lungs.

MIF inhibition enhances pulmonary angiogenesis and lung development in congenital diaphragmatic hernia.

Prenatal dioxin exposure and neuropsychological functioning in the Seveso Second Generation Health Study.

Cardiovascular Effects of PCB 126 (3,3',4,4',5-Pentachlorobiphenyl) in Zebrafish Embryos and Impact of Co-Exposure to Redox Modulating Chemicals.

Expression of Nitric Oxide Synthase Interacting Protein (NOSIP) is Decreased in the Pulmonary Vasculature of Nitrofen-Induced Congenital Diaphragmatic Hernia.

Ephrin-B1, -B2, and -B4 Expression is Decreased in Developing Diaphragms and Lungs of Fetal Rats with Nitrofen-Induced Congenital Diaphragmatic Hernia.

Mechanisms of Developmental Toxicity of Dioxins and Related Compounds.

Exposure to environmental concentrations of hexachlorobenzene induces alterations associated with endometriosis progression in a rat model.

Endoplasmic reticulum stress response is activated in pulmonary hypoplasia secondary to congenital diaphragmatic hernia, but is decreased by administration of amniotic fluid stem cells.

Assessment of the nitrofen model of congenital diaphragmatic hernia and of the dysregulated factors involved in pulmonary hypoplasia.

Expression of dispatched RND transporter family member 1 is decreased in the diaphragmatic and pulmonary mesenchyme of nitrofen-induced congenital diaphragmatic hernia.

Environmental Exposure History and Vulvodynia Risk: A Population-Based Study.

Prepubertal exposure to low doses of sodium arsenite impairs spermatogenesis and epididymal histophysiology in rats.

Long-term arsenite exposure induces testicular toxicity by redox imbalance, G2/M cell arrest and apoptosis in mice.

Effects of Simvastatin on Fetal Cardiac Impairment in the Diaphragmatic Experimental Hernia Model.

Comprehensive Analysis of Neurotoxin-Induced Ablation of Dopaminergic Neurons in Zebrafish Larvae.

Effects of dioxin on testicular histopathology, sperm parameters, and CatSper2 gene and protein expression in Naval Medical Research Institute male mice.

Soil microalgae and cyanobacteria: the biotechnological potential in the maintenance of soil fertility and health.

Soil attribute regulates assimilation of roxarsone metabolites by rice (*Oryza sativa* L.).

Benzo[a]pyrene and 2,3-benzofuran induce divergent temporal patterns of AhR-regulated responses in zebrafish embryos (*Danio rerio*).

Effect of in ovo glyphosate injection on embryonic development, serum biochemistry, antioxidant status and histopathological changes in newly hatched chicks.

Effects of Five Substances with Different Modes of Action on Cathepsin H, C and L Activities in Zebrafish Embryos.

Supporting dataset and methods for serum concentrations of selected persistent organic pollutants measured in women with primary ovarian insufficiency.

Estrogen withdrawal and replacement differentially target liver and adipose tissues in female mice fed a high-fat high-sucrose diet: impact of a chronic exposure to a low-dose pollutant mixture(â~+).

Exposure to diclofop-methyl induces immunotoxicity and behavioral abnormalities in zebrafish embryos.

Panax Notoginseng Saponins Ameliorate AÎ²-Mediated Neurotoxicity in *C. elegans* through Antioxidant Activities.

The role of SDF1 in prostate epithelial morphogenesis.

Sodium Arsenite Injection Induces Ovarian Oxidative Stress and Affects Steroidogenesis in Rats.

[The study of exposure levels of dioxin-like compounds in cord blood of newborns in an e-waste dismantling area in Guangdong Province].

Effects of acetochlor on neurogenesis and behaviour in zebrafish at early developmental stages.

Compositional and Functional Differences between Microbiota and Cervical Carcinogenesis as Identified by Shotgun Metagenomic Sequencing.

Ioxynil and diethylstilbestrol disrupt vascular and heart development in zebrafish.

Gut microbiota affects development and olfactory behavior in *Drosophila melanogaster*.

Association of Vitamin B(12), Lactate Dehydrogenase, and Regulation of NF-Î²B in the Mitigation of Sodium Arsenite-Induced ROS Generation in Uterine Tissue by Commercially Available Probiotics.

Dioxin and AHR impairs mesoderm gene expression and cardiac differentiation in human embryonic stem cells.

The testing of an artificial modified bacterial cellulose auricle skeleton in an animal model.

IPSE, a urogenital parasite-derived immunomodulatory protein, ameliorates ifosfamide-induced hemorrhagic cystitis through downregulation of pro-inflammatory pathways.

Developmental Regulation of Nuclear Factor Erythroid-2 Related Factors (nrfs) by AHR1b in Zebrafish (*Danio rerio*).

Paternal Environmental Toxicant Exposure and Risk of Adverse Pregnancy Outcomes.

Prevalence and Antimicrobial Properties of Lactic Acid Bacteria in Nigerian Women During the Menstrual Cycle.

Acetochlor poisoning presenting as acute genital edema: A case report.

The distinct ripening processes in the reproductive and non-reproductive parts of the fig syconium are driven by ABA.

Protective effect of resveratrol on urogenital sinus and prostate development in rats exposed in utero to TCDD (2,3,7,8-tetrachlorodibenzo-p-dioxin).

Effects of glyphosate on the ovarian function of pregnant mice, the secretion of hormones and the sex ratio of their fetuses.

Effects of low, subchronic exposure of 2,4-Dichlorophenoxyacetic acid (2,4-D) and commercial 2,4-D formulations on early life stages of fathead minnows (*Pimephales promelas*).

Pesticide Use and Incident Hypothyroidism in Pesticide Applicators in the Agricultural Health Study.

Acrolein, a commonly found environmental toxin, causes oocyte mitochondrial dysfunction and negatively affects embryo development.

Ameliorative effect of resveratrol on testicular oxidative stress, spermatological parameters and DNA damage in glyphosate-based herbicide-exposed rats.

Endocrine disruptors in breeding ponds and reproductive health of toads in agricultural, urban and natural landscapes.

Seagrass wasting disease: Nitrate enrichment and exposure to a herbicide (Diuron) increases susceptibility of *Zostera marina* to infection.

Embryonic atrazine exposure elicits proteomic, behavioral, and brain abnormalities with developmental time specific gene expression signatures.

Perinatal exposure to a glyphosate-based herbicide impairs female reproductive outcomes and induces second-generation adverse effects in Wistar rats.

Glyphosate affects swine ovarian and adipose stromal cell functions.

Toxicity of atrazine- and glyphosate-based formulations on *Caenorhabditis elegans*.

Sex-specific effects of perinatal dioxin exposure on eating behavior in 3-year-old Vietnamese children.

Glyphosate affects the secretion of regulators of uterine contractions in cows while it does not directly impair the motoric function of myometrium in vitro.

Exposure to an anti-androgenic herbicide negatively impacts reproductive physiology and fertility in *Xenopus tropicalis*.

Toxicity implications for early life stage Japanese medaka (*Oryzias latipes*) exposed to oxyfluorfen.

Melatonin preserves ovarian tissues of rats exposed to chronic TCDD: An electron microscopic approach to effects of TCDD on ovarian cells.

Effects of atrazine on vitellogenesis, steroid levels and lipid peroxidation, in female red swamp crayfish *Procambarus clarkii*.

The herbicide atrazine affects sperm quality and the expression of antioxidant and spermatogenesis genes in zebrafish testes.

A glyphosate-based herbicide reduces fertility, embryonic upper thermal tolerance and alters embryonic diapause of the threatened annual fish *Austrolebias nigrofasciatus*.

Associations of maternal exposure to organophosphate and pyrethroid insecticides and the herbicide 2,4-D with birth outcomes and anogenital distance at 3 months in the Odense Child Cohort.

Changes in Sensitivity to the Effects of Atrazine on the Luteinizing Hormone Surge in Female Sprague-Dawley Rats after Repeated Daily Doses: Correlation with Liver Enzyme Expression.

Toxicity of marine pollutants on the ascidian oocyte physiology: an electrophysiological approach.

Mitochondrial bioenergetics and locomotor activity are altered in zebrafish (*Danio rerio*) after exposure to the bipyridylum herbicide diquat.

Subchronic exposure to kalach 360 SL-induced endocrine disruption and ovary damage in female rats.

Effects of ammonium-based ionic liquids and 2,4-dichlorophenol on the phospholipid fatty acid composition of zebrafish embryos.

Ovarian growth impairment after chronic exposure to Roundup Ultramax® in the estuarine crab *Neohelice granulata*.

Administration of cinnamaldehyde promotes osteogenesis in ovariectomized rats and differentiation of osteoblast in vitro.

Agrochemicals increase risk of human schistosomiasis by supporting higher densities of intermediate hosts.

Expression of the methionine sulfoxide reductase lost during evolution extends *Drosophila* lifespan in a methionine-dependent manner.

Extended fish short term reproduction assays with the fathead minnow and Japanese medaka: No evidence of impaired fecundity from exposure to atrazine.

Acute and chronic toxicity of diuron and carbofuran to the neotropical cladoceran *Ceriodaphnia silvestrii*.

Potential risk of weed outbreak by increasing biochar's application rates in slow-growth legume, lentil (*Lens culinaris* Medik.).

Intra-amniotic Sildenafil Treatment Modulates Vascular Smooth Muscle Cell Phenotype in the Nitrofen Model of Congenital Diaphragmatic Hernia.

Hexachloronaphthalene (HxCN) as a potential endocrine disruptor in female rats.

Impairment of ovaries by 2,3,7,8-tetrachlorobenzo-p-dioxin (TCDD) exposure in utero associated with BMP15 and GDF9 in the female offspring rat.

Prenatal treatment with rosiglitazone attenuates vascular remodeling and pulmonary monocyte influx in experimental congenital diaphragmatic hernia.

Fetal lung transcriptome patterns in an ex vivo compression model of diaphragmatic hernia.

Upregulated EFNB2 and EPHB4 promotes lung development in a nitrofen-induced congenital diaphragmatic hernia rat model.

Isolated hypospadias: The impact of prenatal exposure to pesticides, as determined by meconium analysis.

Sleep disorders among Yusho patients highly intoxicated with dioxin-related compounds: A 140-case series.

Exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin promotes inflammation in mouse testes: The critical role of Klotho in Sertoli cells.

METCAM/MUC18 Decreases the Malignant Propensity of Human Ovarian Carcinoma Cells.

Parental occupational pesticide exposure and nonsyndromic orofacial clefts.

Lung function and pulmonary artery blood flow following prenatal maternal retinoic acid and imatinib in the nitrofen model of congenital diaphragmatic hernia.

Immune response induced by major environmental pollutants through altering neutrophils in zebrafish larvae.

Treatment of rat congenital diaphragmatic hernia with sildenafil and NS-304, selexipag's active compound, at the pseudoglandular stage improves lung vasculature.

Mixed "Antiandrogenic" Chemicals at Low Individual Doses Produce Reproductive Tract Malformations in the Male Rat.

What can we do to optimize stem and progenitor cell therapy for heart failure?

Gata-6 expression is decreased in diaphragmatic and pulmonary mesenchyme of fetal rats with nitrofen-induced congenital diaphragmatic hernia.

Anti-oxidants correct disturbance of redox enzymes in the hearts of rat fetuses with congenital diaphragmatic hernia.

Arjunolic Acid Improves the Serum Level of Vitamin B(12) and Folate in the Process of the Attenuation of Arsenic Induced Uterine Oxidative Stress.

[Effects of prenatal tetrandrine treatment on the expression of Kruppel-like factor 5 and Survivin in the lung of congenital diaphragmatic hernia rat model induced by nitrofen].

Î±-Lipoic acid inhibits testicular and epididymal oxidative damage and improves fertility efficacy in arsenic-intoxicated rats.

Associations Between Disinfection By-Product Exposures and Craniofacial Birth Defects.

Increased CaSR and TRPC6 pulmonary vascular expression in the nitrofen-induced model of congenital diaphragmatic hernia.

Downregulated Elastin Microfibril Interfacer 1 Expression in the Pulmonary Vasculature of Experimental Congenital Diaphragmatic Hernia.

Decreased Expression of Integrin Subunits Î±3, Î±6, and Î±8 in the Branching Airway Mesenchyme of Nitrofen-Induced Hypoplastic Lungs.

Decreased Rac1 Cardiac Expression in Nitrofen-Induced Diaphragmatic Hernia.

Latent forms of the carious lesion of human lower third molars.

STATs in Lung Development: Distinct Early and Late Expression, Growth Modulation and Signaling Dysregulation in Congenital Diaphragmatic Hernia.

Perturbations in Endothelial Dysfunction-Associated Pathways in the Nitrofen-Induced Congenital Diaphragmatic Hernia Model.

Evidence for estrogeno-mimetic effects of a mixture of low-dose pollutants in a model of ovariectomized mice.

Epigenetic Therapy: Novel Translational Implications for Arrest of Environmental Dioxin-Induced Disease in Females.

Prenatal exposure to glycol ethers and cryptorchidism and hypospadias: a nested case-control study.

Association of blood polychlorinated biphenyls and cholesterol levels among Canadian Inuit.

Effects of Endocrine-Disrupting Chemicals and Epigenetic Modifications in Ovarian Cancer: A Review.

Developmental Dioxin Exposure Alters the Methylome of Adult Male Zebrafish Gonads.

Toxicological effects of 3-methyl-4-nitrophenol on mouse ovarian and testicular cell proliferation, apoptosis and oocyte maturation.

Arsenic exposure, profiles of urinary arsenic species, and polymorphism effects of glutathione-s-transferase and metallothioneins.

Study of metabolic activity of human embryos focused on amino acids by capillary electrophoresis with light-emitting diode-induced fluorescence detection.

Integrative transcriptome and microRNome analysis identifies dysregulated pathways in human Sertoli cells exposed to TCDD.

The effect of prenatal exposure on disposition of hexachloronaphthalene in female Wistar rats and fetal compartment.

Environmental and Life-Style Related Risk Factors for Sinonasal and Nasopharyngeal Malignancies among a Prospective Cohort in Jos, Nigeria.

Effects of Agronomic Management and Climate on Leaf Phenolic Profiles, Disease Severity, and Grain Yield in Organic and Conventional Wheat Production Systems.

Glyphosate-based herbicide enhances the uterine sensitivity to estradiol in rats.

Ancestral TCDD Exposure Induces Multigenerational Histologic and Transcriptomic Alterations in Gonads of Male Zebrafish.

Ellagic acid: A promising protective remedy against testicular toxicity induced by arsenic.

Adverse pregnancy outcomes in women with changing patterns of exposure to the emissions of a municipal waste incinerator.

Pharmacologic modeling of primary mitochondrial respiratory chain dysfunction in zebrafish.

Metabolomic assessment of arsenite toxicity and novel biomarker discovery in early development of zebrafish embryos.

Fertility in male rats: Disentangling adverse effects of arsenic compounds.

Explaining the accelerated degradation of ciprofloxacin, sulfamethazine, and erythromycin in different soil exposure scenarios by their aqueous extractability.

Ecotoxicological potential of the biocides terbutryn, octhilonone and methylisothiazolinone: Underestimated risk from biocidal pathways?

2,3,7,8-Tetrachlorodibenzo-p-dioxin can alter the sex ratio of embryos with decreased viability of Y spermatozoa in mice.

Pretty Good or Pretty Bad? The Ovary and Chemicals in Personal Care Products.

Dioxin-like contaminants are no longer a risk to the American eel (*Anguilla rostrata*) in Lake Ontario.

AHR2 required for normal behavioral responses and proper development of the skeletal and reproductive systems in zebrafish.

The ecotoxicity of binary mixtures of Imazamox and ionized ammonia on freshwater copepods: Implications for environmental risk assessment in groundwater bodies.

The consequence of NAC on sodium arsenite-induced uterine oxidative stress.

ATP Binding Cassette Sub-family Member 2 (ABCG2) and Xenobiotic Exposure During Early Mouse Embryonic Stem Cell Differentiation.

The effect of follicular fluid pesticides and polychlorinated biphenyls concentrations on intracytoplasmic sperm injection (ICSI) embryological and clinical outcome.

Evolvement of transgenic male-sterility and fertility-restoration system in rice for production of hybrid varieties.

Safety assessment of transgenic canola RF3 with bar and barstar gene on Sprague-Dawley (SD) rats by 90-day feeding test.

Glyphosate and Roundup(®) alter morphology and behavior in zebrafish.

Facts and Fallacies in the Debate on Glyphosate Toxicity.

Variations in nutrient and trace element composition of rice in an organic rice-frog coculture system.

Agricultural expansion as risk to endangered wildlife: Pesticide exposure in wild chimpanzees and baboons displaying facial dysplasia.

Exposure to atrazine alters behaviour and disrupts the dopaminergic system in *Drosophila melanogaster*.

Military service, deployments, and exposures in relation to amyotrophic lateral sclerosis survival.

Reproductive toxicity of Roundup herbicide exposure in male albino rat.

Cyclophosphamide and acrolein induced oxidative stress leading to deterioration of metaphase II mouse oocyte quality.

Fish short-term reproduction assay with atrazine and the Japanese medaka (*Oryzias latipes*).

Early developmental exposure to pentachlorophenol causes alterations on mRNA expressions of caspase protease family in zebrafish embryos.

Oxidative stress affects sperm performance and ejaculate redox status in subordinate house sparrows.

Exploring the potential confounder of nitrogen fertilizers in the relationship between pesticide exposures and risk of leukemia: a Poisson regression with two-way fixed-effects analysis.

The health consequences of aerial spraying illicit crops: The case of Colombia.

A full life-cycle bioassay with *Cantareus aspersus* shows reproductive effects of a glyphosate-based herbicide suggesting potential endocrine disruption.

Embryonic exposure to the widely-used herbicide atrazine disrupts meiosis and normal follicle formation in female mice.

Exposure to trace amounts of sulfonylurea herbicide tribenuron-methyl causes male sterility in 17 species or subspecies of cruciferous plants.

Evidence for direct effects of glyphosate on ovarian function: glyphosate influences steroidogenesis and proliferation of bovine granulosa but not theca cells in vitro.

Exchange of polar lipids from adults to neonates in *Daphnia magna*: Perturbations in sphingomyelin allocation by dietary lipids and environmental toxicants.

Effects of atrazine and chlorothalonil on the reproductive success, development, and growth of early life stage sockeye salmon (*Oncorhynchus nerka*).

Atrazine exposure elicits copy number alterations in the zebrafish genome.

Effects of a glyphosate-based herbicide on the uterus of adult ovariectomized rats.

Overlooking relevant confounders in the assessment of pesticides and human health: a reply to Mostafalou and Abdollahi.

Effects of atrazine on ovarian growth, in the estuarine crab *Neohelice granulata*.

Neonatal exposure to a glyphosate based herbicide alters the development of the rat uterus.

Reproductive toxicity of linuron following gestational exposure in rats and underlying mechanisms.

Effect of the herbicide atrazine and its metabolite DACT on bovine sperm quality.

Effects of oral administration of 2,4-dichlorophenoxyacetic acid (2,4-D) on reproductive parameters in male Wistar rats.

Oxidative stress intensity-related effects of cadmium (Cd) and paraquat (PQ) on UV-damaged-DNA binding and excision repair activities in zebrafish (*Danio rerio*) embryos.

Pentachlorophenol affected both reproductive and interrenal systems: In silico and in vivo evidence.

Embryo-larval exposure to atrazine reduces viability and alters oxidative stress parameters in *Drosophila melanogaster*.

Cytotoxicity and cellular response mechanisms of water-soluble platinum(II) complexes of lidocaine and phenylcyanamide derivatives.

Local upregulation of transient receptor potential ankyrin 1 and transient receptor potential vanilloid 1 ion channels in rectosigmoid deep infiltrating endometriosis.

The inhibition of myometrial contractions by chlorinated herbicides (atrazine and linuron), and their disruptive effect on the secretory functions of uterine and ovarian cells in cow, in vitro.

Phytochemicals reduce aflatoxin-induced toxicity in chicken embryos.

Neurodevelopmental disorders and pesticide exposure: the northeastern Italian experience.

Effects of pharmaceuticals and personal care products (PPCPs) on multixenobiotic resistance (MXR) related efflux transporter activity in zebrafish (*Danio rerio*) embryos.

Electrophilic aldehyde products of lipid peroxidation selectively adduct to heat shock protein 90 and arylsulfatase A in stallion spermatozoa.

Diverse pathways of epithelial mesenchymal transition related with cancer progression and metastasis and potential effects of endocrine disrupting chemicals on epithelial mesenchymal transition process.

Association of 2,4-dichlorophenol urinary concentrations and olfactory dysfunction in a national sample of middle-aged and older U.S. adults.

Pathogenesis of deep endometriosis.

Lactoferrin or ferrous salts for iron deficiency anemia in pregnancy: A meta-analysis of randomized trials.

Stimulation of ovarian cell proliferation by tetrabromobisphenol A but not tetrachlorobisphenol A through G protein-coupled receptor 30.

Changes in vasoactive pathways in congenital diaphragmatic hernia associated pulmonary hypertension explain unresponsiveness to pharmacotherapy.

Paclitaxel-mediated human aryl hydrocarbon receptor mRNA translation by an internal ribosomal entry site-dependent mechanism.

Aryl Hydrocarbon Receptor Ablation in Cardiomyocytes Protects Male Mice From Heart Dysfunction Induced by NKX2.5 Haploinsufficiency.

Review on arsenic-induced toxicity in male reproductive system and its amelioration.

Polychlorinated biphenyls and its potential role in endometriosis.

Use of anthropogenic nitrogen fertilizers in agriculture is associated with per capita ethanol consumption.

Estimated Maternal Pesticide Exposure from Drinking Water and Heart Defects in Offspring.

Cytotoxic effect of TDZ on human cervical cancer cells.

The Complex Biology of the Aryl Hydrocarbon Receptor and Its Role in the Pituitary Gland.

Fetal Cardiac Impairment in Nitrofen-Induced Congenital Diaphragmatic Hernia: Postmortem Microcomputed Tomography Imaging Study.

High Consumption of Iron Exacerbates Hyperlipidemia, Atherosclerosis, and Female Sterility in Zebrafish via Acceleration of Glycation and Degradation of Serum Lipoproteins.

Mitochondrion to endoplasmic reticulum apposition length in zebrafish embryo spinal progenitors is unchanged in response to perturbations associated with Alzheimer's disease.

Progesterone resistance in endometriosis: origins, consequences and interventions.

Down-regulation of N-deacetylase-N-sulfotransferase-1 signaling in the developing diaphragmatic vasculature of nitrofen-induced congenital diaphragmatic hernia.

Protective Effects of Curcumin against Sodium Arsenite-induced Ovarian Oxidative Injury in a Mouse Model.

Elastase and matrix metalloproteinase activities are associated with pulmonary vascular disease in the nitrofen rat model of congenital diaphragmatic hernia.

Downregulation of KCNQ5 expression in the rat pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Follistatin-like 1 expression is decreased in the alveolar epithelium of hypoplastic rat lungs with nitrofen-induced congenital diaphragmatic hernia.

Suppressed erythropoietin expression in a nitrofen-induced congenital diaphragmatic hernia.

Environmental pollutants, a possible etiology for premature ovarian insufficiency: a narrative review of animal and human data.

Endocrine disrupting compounds modulates adiponectin secretion, expression of its receptors and action on steroidogenesis in ovarian follicle.

Seminal cell-free DNA levels measured by PicoGreen fluorochrome are associated with sperm fertility criteria.

Evaluation of sodium arsenite exposure on reproductive competence in pregnant and postlactational dams and their offspring.

Protective effects of levamisole, acetylsalicylic acid, and α -tocopherol against dioxin toxicity measured as the expression of AhR and COX-2 in a chicken embryo model.

Dioxin-like rather than non-dioxin-like PCBs promote the development of endometriosis through stimulation of endocrine-inflammation interactions.

IL-27 triggers IL-10 production in Th17 cells via a c-Maf/ROR γ t/Blimp-1 signal to promote the progression of endometriosis.

Bisphenol A and its derivatives tetrabromobisphenol A and tetrachlorobisphenol A induce apelin expression and secretion in ovarian cancer cells through a peroxisome proliferator-activated receptor gamma-dependent mechanism.

Exposure to the environmental endocrine disruptor TCDD and human reproductive dysfunction: Translating lessons from murine models.

Expression of T-box transcription factors 2, 4 and 5 is decreased in the branching airway mesenchyme of nitrofen-induced hypoplastic lungs.

Decreased Endoglin expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia rat model.

Pesticides: an update of human exposure and toxicity.

Imbalance of NFATc2 and KV1.5 Expression in Rat Pulmonary Vasculature of Nitrofen-Induced Congenital Diaphragmatic Hernia.

Fibrillin-1 Expression Is Decreased in the Diaphragmatic Muscle Connective Tissue of Nitrofen-Induced Congenital Diaphragmatic Hernia.

Epidemiology of endometriosis and its comorbidities.

Endocrine disruptors affect larval zebrafish behavior: Testing potential mechanisms and comparisons of behavioral sensitivity to alternative biomarkers.

Photophysicochemical, calf thymus DNA binding and in vitro photocytotoxicity properties of tetra-morpholinoethoxy-substituted phthalocyanines and their water-soluble quaternized derivatives.

Fertility enhancing activity and toxicity profile of aqueous extract of Chasmanthera dependens roots in male rats.

Role of catalytic iron and oxidative stress in nitrofen-induced congenital diaphragmatic hernia and its amelioration by Saireito (TJ-114).

Detection Methodologies for Pathogen and Toxins: A Review.

Relation of dietary inorganic arsenic exposure and urinary inorganic arsenic metabolites excretion in Japanese subjects.

Single-cell time-lapse imaging of intracellular O(2) in response to metabolic inhibition and mitochondrial cytochrome-c release.

Histopathological changes in zebrafish embryos exposed to DLPCBs extract from Zhanjiang coastal sediment.

Evaluation of vascular effect of arsenic using in vivo assays.

Exposure to endocrine disruptors during adulthood: consequences for female fertility.

Expression of advanced glycation end-products and NF κ B in chick embryos exposed to dioxins and treated with acetylsalicylic acid and α -tocopherol.

Cell and region specificity of Aryl hydrocarbon Receptor (AhR) system in the testis and the epididymis.

Spermatogenesis disruption by dioxins: Epigenetic reprogramming and windows of susceptibility.

Biomarker Levels of Toxic Metals among Asian Populations in the United States: NHANES 2011-2012.

Trade-off between carotenoid-based sexual ornamentation and sperm resistance to oxidative challenge.

Effects of Chronic Exposure to Sodium Arsenite on Expressions of VEGF and VEGFR2 Proteins in the Epididymis of Rats.

Occupational exposure to pesticides, reproductive hormone levels and sperm quality in young Brazilian men.

Reduced cytotoxicity in PCB-exposed Chinese Hamster Ovary (CHO) cells pretreated with vitamin E.

Influence of waterborne gallic and pelargonic acid exposures on biochemical and reproductive parameters in the zebrafish (Danio rerio).

Prenatal Paraquat exposure induces neurobehavioral and cognitive changes in mice offspring.

Stereoselective induction of developmental toxicity and immunotoxicity by acetochlor in the early life stage of zebrafish.

PPAR α -dependent cholesterol/testosterone disruption in Leydig cells mediates 2,4-dichlorophenoxyacetic acid-induced testicular toxicity in mice.

The transcription factor, Nuclear factor, erythroid 2 (Nfe2), is a regulator of the oxidative stress response during *Danio rerio* development.

Effects of neonatal exposure to a glyphosate-based herbicide on female rat reproduction.

Rheumatoid Arthritis in Agricultural Health Study Spouses: Associations with Pesticides and Other Farm Exposures.

Honey bee (*Apis mellifera*) drones survive oxidative stress due to increased tolerance instead of avoidance or repair of oxidative damage.

Triazine herbicides inhibit relaxin signaling and disrupt nitric oxide homeostasis.

Glyphosate induces cardiovascular toxicity in *Danio rerio*.

Embryonic Atrazine Exposure Elicits Alterations in Genes Associated with Neuroendocrine Function in Adult Male Zebrafish.

Atrazine in public water supplies and risk of ovarian cancer among postmenopausal women in the Iowa Women's Health Study.

Peace and Reconciliation.

Atrazine exposure affects longevity, development time and body size in *Drosophila melanogaster*.

The combined influence of two agricultural contaminants on natural communities of phytoplankton and zooplankton.

Ecotoxicological hazards of herbicides on biological attributes of *Zygogramma bicolorata* Pallister (Coleoptera: Chrysomelidae).

Treatment by glyphosate-based herbicide alters life history parameters of the rose-grain aphid *Metopolophium dirhodum*.

Glyphosate and adverse pregnancy outcomes, a systematic review of observational studies.

Agricultural Compounds in Water and Birth Defects.

Effects of Roundup formulations, nutrient addition, and Western mosquitofish (*Gambusia affinis*) on aquatic communities.

Impacts of 2,4-dichlorophenoxyacetic acid aquatic herbicide formulations on reproduction and development of the fathead minnow (*Pimephales promelas*).

Thyroid endocrine disruption of acetochlor on zebrafish (*Danio rerio*) larvae.

The developmental effects of pentachlorophenol on zebrafish embryos during segmentation: A systematic view.

Health Care for Certain Children of Vietnam Veterans and Certain Korea Veterans--Covered Birth Defects and Spina Bifida. Final rule.

Atrazine and malathion shorten the maturation process of *Xenopus laevis* oocytes and have an adverse effect on early embryo development.

The endocrine disruptor effect of the herbicides atrazine and glyphosate on *Biomphalaria alexandrina* snails.

Impact of phosphate on glyphosate uptake and toxicity in willow.

Estrogenic activities of diuron metabolites in female Nile tilapia (*Oreochromis niloticus*).

An embryonic atrazine exposure results in reproductive dysfunction in adult zebrafish and morphological alterations in their offspring.

Perturbations in polar lipids, starvation survival and reproduction following exposure to unsaturated fatty acids or environmental toxicants in *Daphnia magna*.

Dioxins and cytogenetic status of villagers after 40 years of agent Orange application in Vietnam.

Chronic Exposure to Diquat Causes Reproductive Toxicity in Female Mice.

Toxic effects of 2,4-dichlorophenoxyacetic acid on human sperm function in vitro.

Amphibian (*Euphyctis cyanophlyctis*) in vitro ovarian culture system to assess impact of aquatic agrochemical contaminants on female reproduction.

New water-soluble palladium(II) complexes of lidocaine and phenylcyanamide derivative ligands: cytotoxicity and cellular response mechanisms.

A neoflavonoid dalsissoal isolated from heartwood of *Dalbergia sissoo* Roxb. has bone forming effects in mice model for osteoporosis.

Hypospadias and maternal exposure to atrazine via drinking water in the National Birth Defects Prevention study.

Military service, deployments, and exposures in relation to amyotrophic lateral sclerosis etiology.

Urinary inorganic arsenic concentrations and semen quality of male partners of subfertile couples in Tokyo.

Low dose cyclophosphamide: Mechanisms of T cell modulation.

Arsenic Metabolites, Including N-Acetyl-4-hydroxy-m-arsanilic Acid, in Chicken Litter from a Roxarsone-Feeding Study Involving 1600 Chickens.

Boule gene expression underpins the meiotic arrest in spermatogenesis in male rainbow trout (*Oncorhynchus mykiss*) exposed to DEHP and butachlor.

Expression of Prx1 and Tcf4 is decreased in the diaphragmatic muscle connective tissue of nitrofen-induced congenital diaphragmatic hernia.

Downregulation of Forkhead box F1 gene expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Decreased Desmin expression in the developing diaphragm of the nitrofen-induced congenital diaphragmatic hernia rat model.

Distribution of persistent organic pollutants in serum, omental, and parietal adipose tissue of French women with deep infiltrating endometriosis and circulating versus stored ratio as new marker of exposure.

Assessment of ICount software, a precise and fast egg counting tool for the mosquito vector *Aedes aegypti*.

Low-level environmental arsenic exposure correlates with unexplained male infertility risk.

Paternal and joint parental occupational pesticide exposure and spina bifida in the National Birth Defects Prevention Study, 1997 to 2002.

Lipocalin 2 as a new biomarker for fetal lung hypoplasia in congenital diaphragmatic hernia.

Syndromic microphthalmia-3 caused by a mutation on gene SOX2 in a Colombian male patient.

Modern Strategy for Identification of Congenital Heart Defects in the Neonatal Period.

Clinically relevant timing of antenatal sildenafil treatment reduces pulmonary vascular remodeling in congenital diaphragmatic hernia.

Decreased expression of hepatocyte growth factor in the nitrofen model of congenital diaphragmatic hernia.

Improved pulmonary function in the nitrofen model of congenital diaphragmatic hernia following prenatal maternal dexamethasone and/or sildenafil.

Sperm quality and fertility in rats after prenatal exposure to low doses of TCDD: A three-generation study.

Targeting of Micelles and Liposomes Loaded with the Pro-Apoptotic Drug, NCL-240, into NCI/ADR-RES Cells in a 3D Spheroid Model.

Antenatal Saireito (TJ-114) Can Improve Pulmonary Hypoplasia and Pulmonary Vascular Remodeling in Nitrofen-Induced Congenital Diaphragmatic Hernia.

Semen characteristics and sperm morphology of *Pistia stratiotes* Linn. (Araceae) protected male albino rats (Wistar strain) exposed to sodium arsenite.

Diabetes Prevalence in Relation to Serum Concentrations of Polychlorinated Biphenyl (PCB) Congener Groups and Three Chlorinated Pesticides in a Native American Population.

Effects of Prenatal Environmental Exposures on the Development of Endometriosis in Female Offspring.

Enhanced Pulmonary Vascular and Alveolar Development via Prenatal Administration of a Slow-Release Synthetic Prostacyclin Agonist in Rat Fetal Lung Hypoplasia.

Protective effect of prostacyclin against pre-cardiac edema caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin and a thromboxane receptor agonist in developing zebrafish.

Endometrial expression and in vitro modulation of the iron transporter divalent metal transporter-1: implications for endometriosis.

In vitro and in vivo effects of the phytohormone inhibitor fluridone against *Neospora caninum* infection.

Physiological Aspects of Female Fertility: Role of the Environment, Modern Lifestyle, and Genetics.

Decreased expression of miR-33 in fetal lungs of nitrofen-induced congenital diaphragmatic hernia rat model.

Supplementation during pregnancy: beliefs and science.

Tracheal occlusion and ventilation changes the nitric oxide pathway in congenital diaphragmatic hernia model.

Enhanced cyclooxygenase-2 expression levels and metalloproteinase 2 and 9 activation by Hexachlorobenzene in human endometrial stromal cells.

Decreased expression of monocarboxylate transporter 1 and 4 in the branching airway epithelium of nitrofen-induced congenital diaphragmatic hernia.

Combined antenatal therapy with retinoic acid and tracheal occlusion in a rat model of congenital diaphragmatic hernia.

Increased c-kit and stem cell factor expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

The transcriptome of nitrofen-induced pulmonary hypoplasia in the rat model of congenital diaphragmatic hernia.

Investigating paternal preconception risk factors for adverse pregnancy outcomes in a population of internet users.

Public health and international drug policy.

Antenatal retinoic acid administration increases trophoblastic retinol-binding protein dependent retinol transport in the nitrofen model of congenital diaphragmatic hernia.

[Effects of Tetrandrine Prenatal Intervention on Alveolar Epithelial Cells Type I Differentiation in Rat Model of Nitrofen-induced Congenital Diaphragmatic Hernia].

Effects of in Utero Exposure to Arsenic during the Second Half of Gestation on Reproductive End Points and Metabolic Parameters in Female CD-1 Mice.

Expression of hepatic lipid droplets is decreased in the nitrofen model of congenital diaphragmatic hernia.

Upregulation of S1P1 and Rac1 receptors in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

The Role of Activin Receptor-Like Kinase 1 Signaling in the Pulmonary Vasculature of Experimental Diaphragmatic Hernia.

Possible role of increased oxidative stress in pulmonary hypertension in experimental diaphragmatic hernia.

Mesenchymal expression of the FRAS1/FREM2 gene unit is decreased in the developing fetal diaphragm of nitrofen-induced congenital diaphragmatic hernia.

Levels of dioxin-like PCBs in low-volume serum samples of male patients attending fertility clinics.

Gene Expression of FRAS1-Related Extracellular Matrix 1 Is Decreased in Nitrofen-Induced Congenital Diaphragmatic Hernia.

Developmental toxicity, EROD, and CYP1A mRNA expression in zebrafish embryos exposed to dioxin-like PCB126.

Exaggerated arsenic nephrotoxicity in female mice through estrogen-dependent impairments in the autophagic flux.

Effects of sodium arsenate and arsenite on male reproductive functions in Wistar rats.

[Study on congenital cardiac anomalies induced by arsenic exposure before and during maternal pregnancy in fetal rats].

Residential agricultural pesticide exposures and risks of selected birth defects among offspring in the San Joaquin Valley of California.

The effect of zinc supplementation on pregnancy outcome: a randomized controlled trial.

Effects of PCB 126 and PCB 153 on secretion of steroid hormones and mRNA expression of steroidogenic genes (STAR, HSD3B, CYP19A1) and estrogen receptors ($ER\alpha$, $ER\beta$) in prehierarchal chicken ovarian follicles.

Dietary micronutrient intake and its relationship with arsenic metabolism in Mexican women.

Assessment of oxidative stress and activities of antioxidant enzymes depicts the negative systemic effect of iron-containing fertilizers and plant phenolic compounds in the desert locust.

Associations of Peripubertal Serum Dioxin and Polychlorinated Biphenyl Concentrations with Pubertal Timing among Russian Boys.

Soil organic matter content effects on dermal pesticide bioconcentration in American toads (*Bufo americanus*).

Endophytic *Trichoderma gamsii* YIM PH30019: a promising biocontrol agent with hyperosmolar, mycoparasitism, and antagonistic activities of induced volatile organic compounds on root-rot pathogenic fungi of *Panax notoginseng*.

Histological and Transcriptomic Changes in Male Zebrafish Testes Due to Early Life Exposure to Low Level 2,3,7,8-Tetrachlorodibenzo-p-Dioxin.

Developmental Toxicant Exposure Is Associated with Transgenerational Adenomyosis in a Murine Model.

Impact of co-exposure with butachlor and triadimefon on thyroid endocrine system in larval zebrafish.

MEKC-LIF method for analysis of amino acids after on-capillary derivatization by transverse diffusion of laminar flow profiles mixing of reactants for assessing developmental capacity of human embryos after in vitro fertilization.

The beneficial effects of Montelukast against 2,3,7,8-tetrachlorodibenzo- p -dioxin toxicity in female reproductive system in rats.

Embryotoxicity of nitrophenols to the early life stages of zebrafish (*Danio rerio*).

Monohaloacetic acid drinking water disinfection by-products inhibit follicle growth and steroidogenesis in mouse ovarian antral follicles in vitro.

Lethal and sublethal effects of pesticides on *Chrysoperla carnea* larvae (Neuroptera: Chrysopidae) and the influence of rainfall on their degradation pattern over time.

Somatic embryogenesis and plant regeneration of *Capsicum baccatum* L.

Energy Utilization for Survival and Fertilization-Parsimonious Quiescent Sperm Turn Extravagant on Motility Activation in Rat.

Effects of Common Pesticides on Prostaglandin D2 (PGD2) Inhibition in SC5 Mouse Sertoli Cells, Evidence of Binding at the COX-2 Active Site, and Implications for Endocrine Disruption.

Developmental toxicity, oxidative stress, and related gene expression induced by dioxin-like PCB 126 in zebrafish (*Danio rerio*).

Exposure Variation and Endocrine Disruption of the Male Reproductive System.

The combined effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin and the phytoestrogen genistein on steroid hormone secretion, AhR and ER α expression and the incidence of apoptosis in granulosa cells of medium porcine follicles.

Maternally transferred dioxin-like compounds can affect the reproductive success of European eel.

Effect of sodium arsenite on reproductive organs of female Wistar rats.

Tribenuron-Methyl Induces Male Sterility through Anther-Specific Inhibition of Acetolactate Synthase Leading to Autophagic Cell Death.

Disparities in Infant Mortality Due to Congenital Anomalies on Guam.

Atrazine triggers developmental abnormality of ovary and oviduct in quails (*Coturnix Coturnix coturnix*) via disruption of hypothalamo-pituitary-ovarian axis.

Prenatal pesticide exposure and otitis media during early childhood in the PELAGIE mother-child cohort.

The Air Force Health Study Data and Specimens as a Resource for Researchers.

Effect of Age, Duration of Exposure, and Dose of Atrazine on Sexual Maturation and the Luteinizing Hormone Surge in the Female Sprague-Dawley Rat.

Cyhalofop-butyl has the potential to induce developmental toxicity, oxidative stress and apoptosis in early life stage of zebrafish (*Danio rerio*).

Proteomics analysis of *Xenopus laevis* gonad tissue following chronic exposure to atrazine.

Developmental origins of neurotransmitter and transcriptome alterations in adult female zebrafish exposed to atrazine during embryogenesis.

Dicamba affects sex steroid hormone level and mRNA expression of related genes in adult rare minnow (*Gobiocypris rarus*) at environmentally relevant concentrations.

Traditional chinese medicine Xuebijing treatment is associated with decreased mortality risk of patients with moderate paraquat poisoning.

Glyphosate, pathways to modern diseases III: Manganese, neurological diseases, and associated pathologies.

Effects of the novel pyrimidinyloxybenzoic herbicide ZJ0273 on enzyme activities, microorganisms and its degradation in Chinese soils.

Assessing atrazine-induced toxicities in *Bufo bufo gargarizans* Cantor.

Relative developmental toxicities of pentachloroanisole and pentachlorophenol in a zebrafish model (*Danio rerio*).

Drinking well water and occupational exposure to Herbicides is associated with chronic kidney disease, in Padavi-Sripura, Sri Lanka.

Environmental hormones and their impacts on sex differentiation in fathead minnows.

Effect of titanium dioxide nanoparticles on the bioavailability, metabolism, and toxicity of pentachlorophenol in zebrafish larvae.

Renal function is associated with indicators of arsenic methylation capacity in Bangladeshi adults.

Effects of atrazine on estrogen receptor $\hat{\pm}$ - and G protein-coupled receptor 30-mediated signaling and proliferation in cancer cells and cancer-associated fibroblasts.

Accumulation of electrophilic aldehydes during postovulatory aging of mouse oocytes causes reduced fertility, oxidative stress, and apoptosis.

Effective attenuation of atrazine-induced histopathological changes in testicular tissue by antioxidant N-phenyl-4-aryl-polyhydroquinolines.

Disruption of Ah Receptor Signaling during Mouse Development Leads to Abnormal Cardiac Structure and Function in the Adult.

Correlation between dioxin and endometriosis: an epigenetic route to unravel the pathogenesis of the disease.

Maternal occupational pesticide exposure and risk of congenital heart defects in the National Birth Defects Prevention Study.

Dioxins in the semen of men with infertility.

Association between levels of persistent organic pollutants in adipose tissue and cryptorchidism in early childhood: a case-control study.

Increased pulmonary RhoA expression in the nitrofen-induced congenital diaphragmatic hernia rat model.

Detection of urine metabolites in polycystic ovary syndrome by UPLC triple-TOF-MS.

Neuroendocrine factors regulate retinoic acid receptors in normal and hypoplastic lung development.

Medical interventions to reverse pulmonary hypoplasia in the animal model of congenital diaphragmatic hernia: A systematic review.

Environmental pesticides increase the risk of developing hypertrophic pyloric stenosis.

Defective parasympathetic innervation is associated with airway branching abnormalities in experimental CDH.

[Reevaluation of the concept of developmental abnormality: the importance of faulty perinatal imprinting].

Lower NPAS3 expression during the later stages of abnormal lung development in rat congenital diaphragmatic hernia.

Exposure to polychlorinated biphenyls and hexachlorobenzene, semen quality and testicular cancer risk.

Kif7 expression is decreased in the diaphragmatic and pulmonary mesenchyme of nitrofen-induced congenital diaphragmatic hernia.

Increased expression of activated pSTAT3 and PIM-1 in the pulmonary vasculature of experimental congenital diaphragmatic hernia.

Combined 17 β -Estradiol with TCDD Promotes M2 Polarization of Macrophages in the Endometriotic Milieu with Aid of the Interaction between Endometrial Stromal Cells and Macrophages.

Increased pulmonary vascular expression of receptor for advanced glycation end products (RAGE) in experimental congenital diaphragmatic hernia.

Ventilation causes pulmonary vascular dilation and modulates the NOS and VEGF pathway on newborn rats with CDH.

Dioxin inhibition of swim bladder development in zebrafish: is it secondary to heart failure?

Increased levels of dioxin-like substances in adipose tissue in patients with deep infiltrating endometriosis.

Pax3 and Pax7 play essential safeguard functions against environmental stress-induced birth defects.

Optimizing early child development for young children with non-anemic iron deficiency in the primary care practice setting (OptEC): study protocol for a randomized controlled trial.

Prevention of pulmonary hypoplasia and pulmonary vascular remodeling by antenatal simvastatin treatment in nitrofen-induced congenital diaphragmatic hernia.

Internal exposure to organochlorine pollutants and cadmium and self-reported health status: a prospective study.

Cardiac toxicity by sublethal 2,3,7,8-tetrachlorodibenzo-p-dioxin correlates with its anti-proliferation effect on cardiomyocytes in zebrafish embryos.

Lysyl oxidase expression is decreased in the developing diaphragm and lungs of nitrofen-induced congenital diaphragmatic hernia.

Metabolic disturbances of the vitamin A pathway in human diaphragmatic hernia.

Environment and Endometriosis: a toxic relationship.

Decidual β -carotene-15,15'-oxygenase-1 and 2 (BCMO1,2) expression is increased in nitrofen model of congenital diaphragmatic hernia.

Disruption of copper-dependent signaling pathway in the nitrofen-induced congenital diaphragmatic hernia.

Effect of PCB 126 on aryl hydrocarbon receptor 1 (AHR1) and AHR1 nuclear translocator 1 (ARNT1) mRNA expression and CYP1 monooxygenase activity in chicken (*Gallus domesticus*) ovarian follicles.

Determination of Heavy Metal Concentrations in Normal and Pathological Human Endometrial Biopsies and In Vitro Regulation of Gene Expression by Metals in the Ishikawa and Hec-1b Endometrial Cell Line.

A fetal whole ovarian culture model for the evaluation of CrVI-induced developmental toxicity during germ cell nest breakdown.

Do hormone-modulating chemicals impact on reproduction and development of wild amphibians?

Targeted Mutagenesis, Precise Gene Editing, and Site-Specific Gene Insertion in Maize Using Cas9 and Guide RNA.

Expression of aryl hydrocarbon receptor 1 (AHR1), AHR1 nuclear translocator 1 (ARNT1) and CYP1 family monooxygenase mRNAs and their activity in chicken ovarian follicles following in vitro exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Body Mass Parameters, Lipid Profiles and Protein Contents of Zebrafish Embryos and Effects of 2,4-Dinitrophenol Exposure.

Butafenacil: A positive control for identifying anemia- and variegate porphyria-inducing chemicals.

Phytoremedial effect of *Withania somnifera* against arsenic-induced testicular toxicity in Charles Foster rats.

Effects of Endocrine-Disrupting Chemicals on the Ovary.

Metals exposure and risk of small-for-gestational age birth in a Canadian birth cohort: The MIREC study.

A rapid in vivo zebrafish model to elucidate oxidative stress-mediated PCB126-induced apoptosis and developmental toxicity.

Illegal Dumping of Toxic Waste and Its Effect on Human Health in Campania, Italy.

Triphenyl phosphate-induced developmental toxicity in zebrafish: potential role of the retinoic acid receptor.

Comparative transcriptome analysis reveals carbohydrate and lipid metabolism blocks in *Brassica napus* L. male sterility induced by the chemical hybridization agent monosulfuron ester sodium.

Phosphate fertilizer is a main source of arsenic in areas affected with chronic kidney disease of unknown etiology in Sri Lanka.

Quantitative proteomics and transcriptomics reveal key metabolic processes associated with cotton fiber initiation.

Pollutants in pet dogs: a model for environmental links to breast cancer.

Association between Environmental Dioxin-Related Toxicants Exposure and Adverse Pregnancy Outcome: Systematic Review and Meta-Analysis.

Effect of a homeopathic complex on reproductive performance in a commercial pig farm.

Effect of occupational polychlorinated biphenyls exposure on quality-adjusted life years over time at the HELPCB surveillance program.

The impact of Eskoba, a glyphosate formulation, on the freshwater plankton community.

Parental military service, agent orange exposure, and the risk of rhabdomyosarcoma in offspring.

Psychiatric comorbidity and its impact on mortality in patients who attempted suicide by paraquat poisoning during 2000-2010.

Impaired development of female mouse offspring maternally exposed to simazine.

Carcinogenicity of metamifop, a novel herbicide, in Wistar rats following oral administration for 104 weeks.

The response of amphibian larvae to exposure to a glyphosate-based herbicide (Roundup WeatherMax) and nutrient enrichment in an ecosystem experiment.

Effect of glyphosate on the sperm quality of zebrafish *Danio rerio*.

Prediction of paraquat exposure and toxicity in clinically ill poisoned patients: a model based approach.

Butachlor causes disruption of HPG and HPT axes in adult female rare minnow (*Gobiocypris rarus*).

Indicators of the statuses of amphibian populations and their potential for exposure to atrazine in four midwestern U.S. conservation areas.

The direct and indirect effects of a glyphosate-based herbicide and nutrients on Chironomidae (Diptera) emerging from small wetlands.

Assessing multiple endpoints of atrazine ingestion on gravid Northern Watersnakes (*Nerodia sipedon*) and their offspring.

Effect of glyphosate-based herbicide on early life stages of Java medaka (*Oryzias javanicus*): a potential tropical test fish.

A quantitative HPLC-MS/MS method for studying internal concentrations and toxicokinetics of 34 polar analytes in zebrafish (*Danio rerio*) embryos.

Agent Orange exposure and disease prevalence in Korean Vietnam veterans: the Korean veterans health study.

Effects of glyphosate on egg incubation, larvae hatching, and ovarian rematuration in the estuarine crab *Neohelice granulata*.

The effect of atrazine administered by gavage or in diet on the LH surge and reproductive performance in intact female Sprague-Dawley and Long Evans rats.

Atrazine and pregnancy outcomes: a systematic review of epidemiologic evidence.

Pentachlorophenol exposure causes Warburg-like effects in zebrafish embryos at gastrulation stage.

Effect of Nrf2 on rat ovarian tissues against atrazine-induced anti-oxidative response.

Soil carbon and nitrogen dynamics in the first year following herbicide and scalping in a revegetation trial in south-east Queensland, Australia.

A high constitutive catalase activity confers resistance to methyl viologen-promoted oxidative stress in a mutant of the cyanobacterium *Nostoc punctiforme* ATCC 29133.

Maternal periconceptional occupational exposure to pesticides and selected musculoskeletal birth defects.

Effects of glyphosate and its formulation, roundup, on reproduction in zebrafish (*Danio rerio*).

Changes in ultrastructure and expression of steroidogenic factor-1 in ovaries of zebrafish *Danio rerio* exposed to glyphosate.

Effects of multigenerational exposures of *D. magna* to environmentally relevant concentrations of pentachlorophenol.

Imbalance of caveolin-1 and eNOS expression in the pulmonary vasculature of experimental diaphragmatic hernia.

Polyphenols bearing cinnamaldehyde scaffold showing cell growth inhibitory effects on the cisplatin-resistant A2780/Cis ovarian cancer cells.

Sub-lethal glyphosate exposure alters flowering phenology and causes transient male-sterility in *Brassica* spp.

Compositional analysis of grain and forage from MON 87427, an inducible male sterile and tissue selective glyphosate-tolerant maize product for hybrid seed production.

Prenatal administration of neuropeptide bombesin promotes lung development in a rat model of nitrofen-induced congenital diaphragmatic hernia.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) inhibits human ovarian cancer cell proliferation.

Prenatal administration of all-trans retinoic acid upregulates leptin signaling in hypoplastic rat lungs with experimental congenital diaphragmatic hernia.

Increased pulmonary vascular expression of KrÄppel-like factor 5 and activated survivin in experimental congenital diaphragmatic hernia.

Antenatal use of bosentan and/or sildenafil attenuates pulmonary features in rats with congenital diaphragmatic hernia.

Maternal periconceptional occupational pesticide exposure and neural tube defects.

Epimorphin expression in a rat model of pulmonary hypoplasia associated with congenital diaphragmatic hernia.

Mitochondrial uncoupling as a regulator of life-history trajectories in birds: an experimental study in the zebra finch.

Association of urinary phenols with increased body weight measures and obesity in children and adolescents.

Evidence for decreased lipofibroblast expression in hypoplastic rat lungs with congenital diaphragmatic hernia.

Nitrofen increases total retinol levels in placenta during lung morphogenesis in the nitrofen model of congenital diaphragmatic hernia.

Monitoring chlorinated persistent organic pollutants in adolescents in Flanders (Belgium): concentrations, trends and dose-effect relationships (FLEHS II).

Safety and efficacy of lactoferrin versus ferrous sulphate in curing iron deficiency and iron deficiency anaemia in hereditary thrombophilia pregnant women: an interventional study.

Medication exposure during pregnancy: a pilot pharmacovigilance system using health and demographic surveillance platform.

Therapeutic potential of mesenchymal stem cell transplantation in a nitrofen-induced congenital diaphragmatic hernia rat model.

Myogenin gene expression is not altered in the developing diaphragm of nitrofen-induced congenital diaphragmatic hernia.

Cardiac myocyte-specific AHR activation phenocopies TCDD-induced toxicity in zebrafish.

In utero exposure to TCDD alters Wnt signaling during mouse prostate development: linking ventral prostate agenesis to downregulated β^2 -catenin signaling.

Pesticide exposure and depression among male private pesticide applicators in the agricultural health study.

Involvement of COX2-thromboxane pathway in TCDD-induced precardiac edema in developing zebrafish.

Pesticide use and incident diabetes among wives of farmers in the Agricultural Health Study.

TCDD-induced chick cardiotoxicity is abolished by a selective cyclooxygenase-2 (COX-2) inhibitor NS398.

Doppler parameters of fetal lung hypoplasia and impact of sildenafil.

Developmental exposure of mice to dioxin promotes transgenerational testicular inflammation and an increased risk of preterm birth in unexposed mating partners.

High-content screening in zebrafish embryos identifies butafenacil as a potent inducer of anemia.

The importance of heart murmur in the neonatal period and justification of echocardiographic review.

Clinical and etiological heterogeneity in patients with tracheo-esophageal malformations and associated anomalies.

Birth defects and congenital health risks in children conceived through assisted reproduction technology (ART): a meeting report.

Aryl hydrocarbon receptor catabolic activity in bone metabolism is osteoclast dependent in vivo.

Metabolites of tobacco smoking and colorectal cancer risk.

Prenatal retinoic acid increases lipofibroblast expression in hypoplastic rat lungs with experimental congenital diaphragmatic hernia.

Upregulation of serotonin-receptor-2a and serotonin transporter expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Increased uptake of dietary retinoids at the maternal-fetal barrier in the nitrofen model of congenital diaphragmatic hernia.

Amniotic fluid derived mesenchymal stromal cells augment fetal lung growth in a nitrofen explant model.

Peroxiredoxin I protein, a potential biomarker of hydronephrosis in fetal mice exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Heritability and clinical determinants of serum indoxyl sulfate and p-cresyl sulfate, candidate biomarkers of the human microbiome enterotype.

Standardization of pulmonary ventilation technique using volume-controlled ventilators in rats with congenital diaphragmatic hernia.

Cisplatin plus sodium arsenite and hyperthermia induces pseudo-G1 associated apoptotic cell death in ovarian cancer cells.

Downregulation of p300 gene expression in airway mesenchyme of nitrofen-induced hypoplastic lungs.

Using zebrafish as a model system for studying the transgenerational effects of dioxin.

Enteric nervous system and esophageal-gastrointestinal motility in experimental congenital diaphragmatic hernia.

Residential agricultural pesticide exposures and risk of neural tube defects and orofacial clefts among offspring in the San Joaquin Valley of California.

Transgenic pearl millet male fertility restorer line (ICMP451) and hybrid (ICMH451) expressing Brassica juncea Nonexpressor of pathogenesis related genes 1 (BjNPR1) exhibit resistance to downy mildew disease.

Persistent environmental pollutants and couple fecundity: an overview.

Expression of Eya1 and Six1 is decreased in distal airways of rats with experimental pulmonary hypoplasia.

VEGF receptor expression decreases during lung development in congenital diaphragmatic hernia induced by nitrofen.

Disruption of THY-1 signaling in alveolar lipofibroblasts in experimentally induced congenital diaphragmatic hernia.

Decreased apelin and apelin-receptor expression in the pulmonary vasculature of nitrofen-induced congenital diaphragmatic hernia.

Prenatal administration of retinoic acid increases the trophoblastic insulin-like growth factor 2 protein expression in the nitrofen model of congenital diaphragmatic hernia.

Pulmonary FGF9 gene expression is downregulated during the pseudoglandular stage in nitrofen-induced hypoplastic lungs.

ITE and TCDD differentially regulate the vascular remodeling of rat placenta via the activation of AhR.

Sildenafil stimulates and dexamethasone inhibits pulmonary vascular development in congenital diaphragmatic hernia rat lungs.

Iron supplementation in young iron-deficient females causes gastrointestinal redox imbalance: protective effect of a fermented nutraceutical.

Influence of the perivitelline space on the quantification of internal concentrations of chemicals in eggs of zebrafish embryos (*Danio rerio*).

The transcriptional response to oxidative stress during vertebrate development: effects of tert-butylhydroquinone and 2,3,7,8-tetrachlorodibenzo-p-dioxin.

BMP4 and LGL1 are Down Regulated in an Ovine Model of Congenital Diaphragmatic Hernia.

Persistent organochlorine pollutants and human reproductive health.

Interactions between polymorphisms in the aryl hydrocarbon receptor signalling pathway and exposure to persistent organochlorine pollutants affect human semen quality.

Comparative proteomic analysis of ovary for Chinese rare minnow (*Gobiocypris rarus*) exposed to chlorophenol chemicals.

Antioxidative protective effect of icariin on the FeSO₄/H₂O₂-damaged human sperm based on confocal raman micro-spectroscopy.

Species-specific considerations in using the fish embryo test as an alternative to identify endocrine disruption.

Transient suppression of AHR activity in early red seabream embryos does not prevent the disruption of peripheral nerve projection by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in artificially fertilized crucian carp (*Carassius auratus*) embryo.

Gynecological care in young women: a high-risk period of life.

Histological and histometrical study of the protective role of α -tocopherol against sodium arsenite toxicity in rat ovaries.

Histopathologic alterations associated with global gene expression due to chronic dietary TCDD exposure in juvenile zebrafish.

Embryonic exposure to sodium arsenite perturbs vascular development in zebrafish.

Embryonic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs prey capture by zebrafish larvae.

Applicability of the TCDD-TEQ approach to predict sublethal embryotoxicity in *Fundulus heteroclitus*.

Roxarsone and its metabolites in chicken manure significantly enhance the uptake of As species by vegetables.

Urinary concentrations of 2,4-dichlorophenol and 2,5-dichlorophenol in the U.S. population (National Health and Nutrition Examination Survey, 2003-2010): trends and predictors.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on secretion of steroids and STAR, HSD3B and CYP19A1 mRNA expression in chicken ovarian follicles.

Retraction: G-protein-coupled receptor 30 and estrogen receptor- α are involved in the proliferative effects induced by atrazine in ovarian cancer cells. *Environ Health Perspect.* 116:1648-55.

Familiar and novel reproductive endocrine disruptors: xenoestrogens, dioxins and nanoparticles.

[Molecular and cellular aspects of dioxin toxicity].

Estrogenic endocrine-disrupting chemicals: molecular mechanisms of actions on putative human diseases.

Toxicity of pesticides associated with potato production, including soil fumigants, to snapping turtle eggs (*Chelydra serpentina*).

Endocrine disruption of sexual selection by an estrogenic herbicide in the mealworm beetle (*Tenebrio molitor*).

Roundup disrupts male reproductive functions by triggering calcium-mediated cell death in rat testis and Sertoli cells.

Maternal residential atrazine exposure and gastroschisis by maternal age.

Thyroid endocrine system disruption by pentachlorophenol: an in vitro and in vivo assay.

Adverse effect of antifouling compounds on the reproductive mechanisms of the ascidian *Ciona intestinalis*.

Environmental concentrations of irgarol, diuron and S-metolachlor induce deleterious effects on gametes and embryos of the Pacific oyster, *Crassostrea gigas*.

Quercetin exacerbates the effects of subacute treatment of atrazine on reproductive tissue antioxidant defence system, lipid peroxidation and sperm quality in rats.

Case-control study of maternal residential atrazine exposure and male genital malformations.

Agrochemicals in field margins--assessing the impacts of herbicides, insecticides, and fertilizer on the common buttercup (*Ranunculus acris*).

Transcriptome alterations following developmental atrazine exposure in zebrafish are associated with disruption of neuroendocrine and reproductive system function, cell cycle, and carcinogenesis.

An evaluation of 2,4-dichlorophenoxyacetic acid in the Amphibian Metamorphosis Assay and the Fish Short-Term Reproduction Assay.

In vitro induction/inhibition of germinal vesicle breakdown (GVBD) in frog (*Euphylyctis cyanophlyctis*) oocytes by endocrine active compounds.

Effects of trifluralin on the mouse ovary.

Effects of chronic exposures to the herbicides atrazine and glyphosate to larvae of the threespine stickleback (*Gasterosteus aculeatus*).

Maternal residential atrazine exposure and risk for choanal atresia and stenosis in offspring.

Developmental abnormalities in chicken embryos exposed to N-nitrosoatrazine.

Oxidative stress in ventral prostate, ovary, and breast by 2,4-dichlorophenoxyacetic acid in pre- and postnatal exposed rats.

Cigarette smoke induces systemic defects in cystic fibrosis transmembrane conductance regulator function.

Association of exposure to phenols and idiopathic male infertility.

Atrazine-induced elevation or attenuation of the LH surge in the ovariectomized, estrogen-primed female rat: role of adrenal progesterone.

Atrazine inhibits pulsatile gonadotropin-releasing hormone (GnRH) release without altering GnRH messenger RNA or protein levels in the female rat.

The effects of the urea-based herbicide linuron on reproductive endpoints in the fathead minnow (*Pimephales promelas*).

Spatiotemporal alterations in Sprouty-2 expression and tyrosine phosphorylation in nitrofen-induced pulmonary hypoplasia.

Hypospadias and residential proximity to pesticide applications.

Expression of Sproutys and SPREDs is decreased during lung branching morphogenesis in nitrofen-induced pulmonary hypoplasia.

Pulmonary FGF-18 gene expression is downregulated during the canalicular-saccular stages in nitrofen-induced hypoplastic lungs.

Ten years of progress in the Hokkaido birth cohort study on environment and children's health: cohort profile--updated 2013.

In vitro-in vivo correlations for endocrine activity of a mixture of currently used pesticides.

Early dioxin exposure causes toxic effects in adult zebrafish.

Sox9b is required for epicardium formation and plays a role in TCDD-induced heart malformation in zebrafish.

Maternal diet, prenatal exposure to dioxins and other persistent organic pollutants and anogenital distance in children.

Downregulated bone morphogenetic protein signaling in nitrofen-induced congenital diaphragmatic hernia.

Disruption of the bone morphogenetic protein receptor 2 pathway in nitrofen-induced congenital diaphragmatic hernia.

Aminoguanidine prevents testicular damage-induced-2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in male rats.

Aberrant pulmonary lymphatic development in the nitrofen mouse model of congenital diaphragmatic hernia.

[Relationship between parental exposure to chemicals and risk of childhood acute leukemia].

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) enhances placental inflammation.

Selenium-binding protein 1: its physiological function, dependence on aryl hydrocarbon receptors, and role in wasting syndrome by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Dioxin-like compounds are not associated with bone strength measured by ultrasonography in Inuit women from Nunavik (Canada): results of a cross-sectional study.

Teratogenic effects of 4-nonylphenol on early embryonic and larval development of the catfish *Heteropneustes fossilis*.

Decreased expression of GATA4 in the diaphragm of nitrofen-induced congenital diaphragmatic hernia.

Differences in urinary arsenic metabolites between diabetic and non-diabetic subjects in Bangladesh.

Amniotic lamellar body count and congenital diaphragmatic hernia in humans and in a rat model.

Differential sensitivity to pro-oxidant exposure in two populations of killifish (*Fundulus heteroclitus*).

Cyprodinil as an activator of aryl hydrocarbon receptor.

Interactions between urinary 4-tert-octylphenol levels and metabolism enzyme gene variants on idiopathic male infertility.

Effect of nitrofen in the final stages of development of the diaphragm muscle in rats.

Oculomotor deficits in aryl hydrocarbon receptor null mouse.

Increased activation of NADPH oxidase 4 in the pulmonary vasculature in experimental diaphragmatic hernia.

Decreased pulmonary c-Cbl expression and tyrosine phosphorylation in the nitrofen-induced rat model of congenital diaphragmatic hernia.

Increased trophoblastic apoptosis mediated by neutrophil gelatinase-associated lipocalin (NGAL) activation in the nitrofen model of congenital diaphragmatic hernia.

Timing and expression of the angiotensin-1-Tie-2 pathway in murine lung development and congenital diaphragmatic hernia.

Relative potency of PCB126 to TCDD for sublethal embryotoxicity in the mummichog (*Fundulus heteroclitus*).

Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the peripheral nervous system of developing red seabream (*Pagrus major*).

Comparison of TCDD-elicited genome-wide hepatic gene expression in Sprague-Dawley rats and C57BL/6 mice.

A simple and reliable *in vivo* EROD activity measurement in single *Fundulus heteroclitus* embryo and larva.

Cadmium(Cd)-induced oxidative stress down-regulates the gene expression of DNA mismatch recognition proteins MutS homolog 2 (MSH2) and MSH6 in zebrafish (*Danio rerio*) embryos.

Genetic modification of the association between peripubertal dioxin exposure and pubertal onset in a cohort of Russian boys.

Effects of butachlor on reproduction and hormone levels in adult zebrafish (*Danio rerio*).

Glyphosate, pathways to modern diseases II: Celiac sprue and gluten intolerance.

Toxicogenomic evaluation of long-term hepatic effects of TCDD in immature, ovariectomized C57BL/6 mice.

Luteinizing hormone receptor (*Lhcgr*) as a marker gene for characterizing estrogenic endocrine-disrupting chemicals in zebrafish ovarian follicle cells.

Urinary glycol ether metabolites in women and time to pregnancy: the PELAGIE cohort.

Characterization and Endocytic Internalization of Epith-2 Cell Surface Glycoprotein during the Epithelial-to-Mesenchymal Transition in Sea Urchin Embryos.

Histopathological changes in the liver of rabbits exposed to high nitrate ingestion in drinking water.

Differential dependence on host cell glycosaminoglycans for infection of epithelial cells by high-risk HPV types.

External inorganic N source enhances the uptake of As species in garland chrysanthemum (*C. coronarium*) amended with chicken manure bearing roxarsone and its metabolites.

TCDD inhibition of canonical Wnt signaling disrupts prostatic bud formation in mouse urogenital sinus.

High temperature injury and auxin biosynthesis in microsporogenesis.

Embryonic exposure to butachlor in zebrafish (*Danio rerio*): endocrine disruption, developmental toxicity and immunotoxicity.

Environmental risk factors of pregnancy outcomes: a summary of recent meta-analyses of epidemiological studies.

Transfer of auxinic herbicide resistance from *Brassica kaber* to *Brassica juncea* and *Brassica rapa* through embryo rescue.

Action of Halowax 1051 on Enzymes of Phase I (CYP1A1) and Phase II (SULT1A and COMT) Metabolism in the Pig Ovary.

Changes in the expression of vascular endothelial growth factor after fetal tracheal occlusion in an experimental model of congenital diaphragmatic hernia.

A computational model to predict rat ovarian steroid secretion from in vitro experiments with endocrine disruptors.

Biotransformation of p-coumaric acid and 2,4-dichlorophenoxy acetic acid by *Azotobacter* sp. strain SSB81.

Genetic modification of the association of paraquat and Parkinson's disease.

Atrazine disrupts steroidogenesis, VEGF and NO production in swine granulosa cells.

Acute and chronic effects of atrazine and sodium dodecyl sulfate on the tropical freshwater cladoceran *Pseudosida ramosa*.

Characterization of endocrine-disrupting chemicals based on hormonal balance disruption in male and female adult rats.

Genotoxicity of diuron and glyphosate in oyster spermatozoa and embryos.

Effects of butachlor on estrogen receptor, vitellogenin and P450 aromatase gene expression in the early life stage of zebrafish.

Atrazine exposure in public drinking water and preterm birth.

[Parasitic wasps, a model for studying male subfertility].

A longer tracheal occlusion period results in increased lung growth in the nitrofen rat model.

Hypothesis: Estrogen related thrombosis explains the pathogenesis and epidemiology of gastroschisis.

Electrophilic aldehydes generated by sperm metabolism activate mitochondrial reactive oxygen species generation and apoptosis by targeting succinate dehydrogenase.

[Effects of typical herbicides on soil respiration and N₂O emissions from soil added with different nitrogen fertilizers].

Endogenous acetaldehyde toxicity during antral follicular development in the mouse ovary.

Pesticide exposure in children.

Effects of choline on sodium arsenite-induced neural tube defects in chick embryos.

Reproductive hormone profile and pubertal development in 14-year-old boys prenatally exposed to polychlorinated biphenyls.

Lack of an association human dioxin detoxification gene polymorphisms with endometriosis in Japanese women: results of a pilot study.

Progesterone-dependent regulation of endometrial cannabinoid receptor type 1 (CB1-R) expression is disrupted in women with endometriosis and in isolated stromal cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Prenatal retinoic acid improves lung vascularization and VEGF expression in CDH rat.

[Effects of A-solution on halitosis and oral status in preoperative NPO patients].

Pax3 gene expression is not altered during diaphragmatic development in nitrofen-induced congenital diaphragmatic hernia.

Antenatal imatinib treatment reduces pulmonary vascular remodeling in a rat model of congenital diaphragmatic hernia.

Sensitivity to dioxin decreases as zebrafish mature.

Tumors and proliferative lesions in adult offspring after maternal exposure to methylarsonous acid during gestation in CD1 mice.

Evaluation of paclitaxel/carboplatin in a dose dense or weekly regimen in 66 patients with recurrent or primary metastatic cervical cancer.

Associations between congenital cryptorchidism in newborn boys and levels of dioxins and PCBs in placenta.

Reproductive and developmental toxicity of dioxin in fish.

Alterations of peroxisome proliferator-activated receptor γ and monocyte chemoattractant protein 1 gene expression in the nitrofen-induced hypoplastic lung.

Sodium arsenite \pm hyperthermia sensitizes p53-expressing human ovarian cancer cells to cisplatin by modulating platinum-DNA damage responses.

Local fetal lung renin-angiotensin system as a target to treat congenital diaphragmatic hernia.

Fertile transgenic *Brachiaria ruziziensis* (ruzigrass) plants by particle bombardment of tetraploidized callus.

Serum free p-cresyl sulfate levels predict cardiovascular and all-cause mortality in elderly hemodialysis patients--a prospective cohort study.

Defective pulmonary innervation and autonomic imbalance in congenital diaphragmatic hernia.

Prenatal retinoic acid upregulates connexin 43 (Cx43) gene expression in pulmonary hypoplasia in the nitrofen-induced congenital diaphragmatic hernia rat model.

Polymorphisms of dioxin receptor complex components and detoxification-related genes jointly confer susceptibility to advanced-stage endometriosis in the taiwanese han population.

Nitrofen interferes with trophoblastic expression of retinol-binding protein and transthyretin during lung morphogenesis in the nitrofen-induced congenital diaphragmatic hernia model.

Upregulation of fibroblast growth factor receptor 2 and 3 in the late stages of fetal lung development in the nitrofen rat model.

Smad1 and WIF1 genes are downregulated during saccular stage of lung development in the nitrofen rat model.

COUP-TFII gene expression is upregulated in embryonic pleuroperitoneal folds in the nitrofen-induced congenital diaphragmatic hernia rat model.

Dioxin (TCDD) induces epigenetic transgenerational inheritance of adult onset disease and sperm epimutations.

Gender differences in transcriptional signature of developing rat testes and ovaries following embryonic exposure to 2,3,7,8-TCDD.

Identification of novel low-dose bisphenol a targets in human foreskin fibroblast cells derived from hypospadias patients.

Environmentally induced epigenetic transgenerational inheritance of ovarian disease.

ANG-1 TIE-2 and BMPR signalling defects are not seen in the nitrofen model of pulmonary hypertension and congenital diaphragmatic hernia.

The pulmonary mesenchymal tissue layer is defective in an in vitro recombinant model of nitrofen-induced lung hypoplasia.

TCDD disrupts hypural skeletogenesis during medaka embryonic development.

Effects of arsenic exposure during the pre- and postnatal development on the puberty of female offspring.

Development and validation of prediction models for blood concentrations of dioxins and PCBs using dietary intakes.

Serum concentrations of p, p'-DDE, HCB, PCBs and reproductive hormones among men of reproductive age.

Simultaneous analysis of 28 urinary VOC metabolites using ultra high performance liquid chromatography coupled with electrospray ionization tandem mass spectrometry (UPLC-ESI/MSMS).

Effects of short-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin on microRNA expression in zebrafish embryos.

Environmental pollution effects on reproductive health - clinical-epidemiological study in southern Italy.

Regulation of uterine AHR battery gene expression by 17 β -Estradiol is predominantly mediated by estrogen receptor β .

Engineering phosphorus metabolism in plants to produce a dual fertilization and weed control system.

Urinary arsenic levels in the French adult population: the French National Nutrition and Health Study, 2006-2007.

Arsenic exposure inhibits myogenesis and neurogenesis in P19 stem cells through repression of the β -catenin signaling pathway.

A New Rice Disease, Black Sheath Spot, Caused by *Curvularia fallax* in China.

Unexpected gender difference in sensitivity to the acute toxicity of dioxin in mice.

Possible aryl hydrocarbon receptor-independent pathway of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced antiproliferative response in human breast cancer cells.

Quantification of steroids and endocrine disrupting chemicals in rat ovaries by LC-MS/MS for reproductive toxicology assessment.

2,3,7,8-Tetrachlorodibenzo-p-dioxin activates the aryl hydrocarbon receptor and alters sex steroid hormone secretion without affecting growth of mouse antral follicles in vitro.

First Report of Blight Caused by *Sclerotium rolfsii* on the Invasive Exotic Weed, *Vincetoxicum rossicum* (Pale Swallow-Wort), in Western New York.

Membrane Changes Associated with Exposure of *Pseudomonas putida* to Selected Environmental Pollutants and their Possible Roles in Toxicity.

Arsenic exposure to killifish during embryogenesis alters muscle development.

Ovariectomized mouse uterotrophic assay of 36 chemicals.

Regulatory effect of hypoxia-inducible factor-1 \pm on hCG-stimulated endothelin-2 expression in granulosa cells from the PMSG-treated rat ovary.

Transgenerational actions of environmental compounds on reproductive disease and identification of epigenetic biomarkers of ancestral exposures.

Comparative metabolomic and genomic analyses of TCDD-elicited metabolic disruption in mouse and rat liver.

Menstrual cycle characteristics and reproductive hormone levels in women exposed to atrazine in drinking water.

Maternal occupational pesticide exposure and risk of hypospadias in the National Birth Defects Prevention Study.

Assessment of female reproductive endpoints in Sprague-Dawley rats developmentally exposed to Diuron: potential ovary toxicity.

Atrazine and breast cancer: a framework assessment of the toxicological and epidemiological evidence.

The differential effect of atrazine on luteinizing hormone release in adrenalectomized adult female Wistar rats.

Toxicity of pesticide and fertilizer mixtures simulating corn production to eggs of snapping turtles (*Chelydra serpentina*).

Gestational atrazine exposure: effects on male reproductive development and metabolite distribution in the dam, fetus, and neonate.

Waterborne exposure to clodinafop-propargyl disrupts the posterior and ventral development of zebrafish embryos.

Urinary biomarkers of prenatal atrazine exposure and adverse birth outcomes in the PELAGIE birth cohort.

Structure and epitope distribution of heparan sulfate is disrupted in experimental lung hypoplasia: a glycobiological epigenetic cause for malformation?

Differential stimulation pathways of progesterone secretion from newly formed corpora lutea in rats treated with ethylene glycol monomethyl ether, sulpiride, or atrazine.

Neonatal exposure to herbicide acetochlor alters pubertal development in female wistar rats.

Influence of a combination of agricultural chemicals on embryos of the endangered gold-striped salamander (*Chioglossa lusitanica*).

Selenium provides protection to the liver but not the reproductive organs in an atrazine-model of experimental toxicity.

The effect of herbicide BASTA 15 on the development of mouse preimplantation embryos in vivo and in vitro.

Herbicide exposure and veterans with covered service in Korea. Final rule.

Effects of monosulfuron on growth, photosynthesis, and nitrogenase activity of three nitrogen-fixing cyanobacteria.

A pathway-based analysis of urinary arsenic metabolites and skin lesions.

Submicron polymer particles containing fluorescent semiconductor nanocrystals CdSe/ZnS for bioassays.

Mutated p.4894 RyR1 function related to malignant hyperthermia and congenital neuromuscular disease with uniform type 1 fiber (CNMDU1).

Dioxin and polychlorinated biphenyl concentrations in mother's serum and the timing of pubertal onset in sons.

Retinoic acid drives aryl hydrocarbon receptor expression and is instrumental to dioxin-induced toxicity during palate development.

Increased hepatic Igf2 gene expression involves C/EBP β in TCDD-induced teratogenesis in rats.

CD82 gene suppression in endometrial stromal cells leads to increase of the cell invasiveness in the endometriotic milieu.

Immune interactions in endometriosis.

The embryology of the diaphragm.

Urinary trichlorophenol levels and increased risk of attention deficit hyperactivity disorder among US school-aged children.

Environmental factors and endometriosis.

Reproductive toxicity parameters and biological monitoring in occupationally and environmentally boron-exposed persons in Bandirma, Turkey.

Prenatal administration of retinoic acid upregulates connective tissue growth factor in the nitrofen CDH model.

The role of primary myogenic regulatory factors in the developing diaphragmatic muscle in the nitrofen-induced diaphragmatic hernia.

Antenatal sildenafil treatment attenuates pulmonary hypertension in experimental congenital diaphragmatic hernia.

[Protective effects of tetrandrine against congenital diaphragmatic hernia in rats].

A threshold area ratio of organic to conventional agriculture causes recurrent pathogen outbreaks in organic agriculture.

Impacts of environmental toxicants on male reproductive dysfunction.

Uterine leiomyomata in a cohort of Great Lakes sport fish consumers.

Prenatal administration of retinoic acid upregulates insulin-like growth factor receptors in the nitrofen-induced hypoplastic lung.

Perspectives on the potential involvement of the AH receptor-dioxin axis in cardiovascular disease.

Developmental exposure to TCDD reduces fertility and negatively affects pregnancy outcomes across multiple generations.

Expression of the Wilm's tumor gene WT1 during diaphragmatic development in the nitrofen model for congenital diaphragmatic hernia.

Downregulation of Midkine gene expression and its response to retinoic acid treatment in the nitrofen-induced hypoplastic lung.

Prenatal retinoic acid treatment upregulates late gestation lung protein 1 in the nitrofen-induced hypoplastic lung in late gestation.

Abnormal development of the enteric nervous system in rat embryos and fetuses with congenital diaphragmatic hernia.

Microscopic magnetic resonance imaging of the thoracic venous system in rats with congenital diaphragmatic hernia.

Effect of insulin-like growth factors on lung development in a nitrofen-induced CDH rat model.

AhR2-mediated, CYP1A-independent cardiovascular toxicity in zebrafish (*Danio rerio*) embryos exposed to retene.

An evaluation of single nucleotide polymorphisms in the human aryl hydrocarbon receptor-interacting protein (AIP) gene.

Expression of Iroquois genes is up-regulated during early lung development in the nitrofen-induced pulmonary hypoplasia.

Dioxins in ascites and serum of women with endometriosis: a pilot study.

Down-regulation of lung Kruppel-like factor in the nitrofen-induced hypoplastic lung.

Downregulation of FGFR1 contributes to the development of the diaphragmatic defect in the nitrofen model of congenital diaphragmatic hernia.

Carcinogenic effects of "whole-life" exposure to inorganic arsenic in CD1 mice.

Prenatal treatment with retinoic acid activates parathyroid hormone-related protein signaling in the nitrofen-induced hypoplastic lung.

Disruption of embryonic vascular development in predictive toxicology.

Role of acidification elicited by sialylation and sulfation of zona glycoproteins during oocyte maturation in porcine sperm-zona pellucida interactions.

The aryl hydrocarbon receptor agonist 2,3,7,8-tetrachloro-dibenzo-p-dioxin (TCDD) alters early embryonic development in a rat IVF exposure model.

Non-additive hepatic gene expression elicited by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and 2,2',4,4',5,5'-hexachlorobiphenyl (PCB153) co-treatment in C57BL/6 mice.

Long-term food-exposure of zebrafish to PCB mixtures mimicking some environmental situations induces ovary pathology and impairs reproduction ability.

In vitro effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on ovarian, pituitary, and pineal function in pigs.

Chemical class-specific gene expression changes in the zebrafish embryo after exposure to glycol ether alkoxy acids and 1,2,4-triazole antifungals.

Dioxin exposure and age of pubertal onset among Russian boys.

Epigenetic control of embryonic renal cell differentiation by L1 retrotransposon.

Integration of genome-wide computation DRE search, AhR CHIP-chip and gene expression analyses of TCDD-elicited responses in the mouse liver.

Sodium arsenite and hyperthermia modulate cisplatin-DNA damage responses and enhance platinum accumulation in murine metastatic ovarian cancer xenograft after hyperthermic intraperitoneal chemotherapy (HIPEC).

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced cytotoxicity accompanied by oxidative stress in rat Sertoli cells: Possible role of mitochondrial fractions of Sertoli cells.

Embryonic exposure to environmentally relevant concentrations of PCB126 affect prey capture ability of *Fundulus heteroclitus* larvae.

Dioxin exposure of human CD34+ hemopoietic cells induces gene expression modulation that recapitulates its in vivo clinical and biological effects.

Contribution of hypoxia-inducible factor-1 α to transcriptional regulation of vascular endothelial growth factor in bovine developing luteal cells.

Retention and maternal transfer of brominated dioxins in zebrafish (*Danio rerio*) and effects on reproduction, aryl hydrocarbon receptor-regulated genes, and ethoxyresorufin-O-deethylase (EROD) activity.

Metabolism of motile zebrafish sperm.

Singlet oxygen mediated DNA degradation by copper nanoparticles: potential towards cytotoxic effect on cancer cells.

Circadian clock disruption in the mouse ovary in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

In vitro assessment of the adverse effects of antiretroviral drugs on the human male gamete.

Somatic embryogenesis and massive shoot regeneration from immature embryo explants of tef.

In vitro assessment of iron effect on porcine ovarian granulosa cells: secretory activity, markers of proliferation and apoptosis.

Assessment of risk of PCDD/Fs and dioxin-like PCBs in marine and freshwater fish in Pearl River Delta, China.

IGFBP-4 gene overexpression in the nitrofen-induced hypoplastic lung.

[Hypothetical link between endometriosis and xenobiotics-associated genetically modified food].

An information-rich alternative, chemicals testing strategy using a high definition toxicogenomics and zebrafish (*Danio rerio*) embryos.

[Effects of nitrogen and phosphorus fertilizer on atrazine degradation and detoxification by degrading strain HB-5].

Urethral carcinoma and hyperplasia in male and female B6C3F1 mice treated with 3,3',4,4'-tetrachloroazobenzene (TCAB).

Atrazine induces complete feminization and chemical castration in male African clawed frogs (*Xenopus laevis*).

Agricultural-related chemical exposures, season of conception, and risk of gastroschisis in Washington State.

Growth, development and sex ratios of Spotted Marsh Frog (*Limnodynastes tasmaniensis*) larvae exposed to atrazine and a herbicide mixture.

Effects of the herbicide glyphosate on biological attributes of *Alpaida veniliae* (Araneae, Araneidae), in laboratory.

Differential effects of herbicides atrazine and fenoxaprop-ethyl, and insecticides diazinon and malathion, on viability and maturation of porcine oocytes in vitro.

Side-effects of glyphosate on the life parameters of *Eriopis connexa* (Coleoptera: Coccinellidae) in Argentina.

[Acute poisoning due to chemical substances inducing methemoglobinemia--two cases report].

Ovarian folliculogenesis: detrimental effect of prenatal exposure to cyclophosphamide: a preliminary study.

Paternal exposure to Agent Orange and spina bifida: a meta-analysis.

P19 neuronal differentiation and retinoic acid metabolism as criteria to investigate atrazine, nitrite, and nitrate developmental toxicity.

Cause-specific mortality of Dutch chlorophenoxy herbicide manufacturing workers.

Selective stimulation by cinnamaldehyde of progesterone secretion in human adrenal cells.

Changes in testicular morphology and steroidogenesis in adult rats exposed to Atrazine.

Aqueous cinnamon extract (ACE-c) from the bark of *Cinnamomum cassia* causes apoptosis in human cervical cancer cell line (SiHa) through loss of mitochondrial membrane potential.

Nitrates and herbicides cause higher mortality than the traditional organic fertilizers on the grain beetle, *Tenebrio molitor*.

Uterine FK506-binding protein 52 (FKBP52)-peroxiredoxin-6 (PRDX6) signaling protects pregnancy from overt oxidative stress.

Effects of estrogen on lung development in a rat model of diaphragmatic hernia.

Embryonic Wnt gene expression in the nitrofen-induced hypoplastic lung using 3-dimensional imaging.

The high level of RANTES in the ectopic milieu recruits macrophages and induces their tolerance in progression of endometriosis.

Connective tissue growth factor expression pattern in lung development.

Abnormal platelet-derived growth factor signaling accounting for lung hypoplasia in experimental congenital diaphragmatic hernia.

Prenatal retinoic acid upregulates pulmonary gene expression of PI3K and AKT in nitrofen-induced pulmonary hypoplasia.

Food safety.

[Effect of ambroxol on lung development of rat models with nitrofen-induced congenital diaphragmatic hernia].

Non-dioxin-like polychlorinated biphenyls and risk of endometriosis.

Antenatal steroid and tracheal occlusion restore vascular endothelial growth factor receptors in congenital diaphragmatic hernia rat model.

Gene expression analysis in hypoplastic lungs in the nitrofen model of congenital diaphragmatic hernia.

Maternal residence near municipal waste incinerators and the risk of urinary tract birth defects.

Insulinlike growth factor receptor type 1 and type 2 are downregulated in the nitrofen-induced hypoplastic lung.

Insulin receptor is downregulated in the nitrofen-induced hypoplastic lung.

The effect of in vitro tracheal occlusion on branching morphogenesis in fetal lung explants from the rat nitrofen model of congenital diaphragmatic hernia.

Increased exposure to dioxin-like compounds is associated with endometriosis in a case-control study in women.

OECD validation of phase-3 Hershberger assay using the stimulated weanling male rat in Korea.

5-FU for genital warts in non-immunocompromised individuals.

Dioxin-like PCBs and endometriosis.

Expression and function of phosphodiesterases in nitrofen-induced congenital diaphragmatic hernia in rats.

Is there a role for antioxidants in prevention of pulmonary hypoplasia in nitrofen-induced rat model of congenital diaphragmatic hernia?

The effects of an in utero exposure to 2,3,7,8-tetrachloro-dibenzo-p-dioxin on male reproductive function: identification of Ccl5 as a potential marker.

Temporal and anatomical sensitivities to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin leading to premature acyclicity with age in rats.

A hospital-based case-control study of non-Hodgkin lymphoid neoplasms in Shanghai: analysis of environmental and occupational risk factors by subtypes of the WHO classification.

2,3,7,8-Tetrachlorodibenzo-p-dioxin upregulates FoxQ1b in zebrafish jaw primordium.

PCB153-elicited hepatic responses in the immature, ovariectomized C57BL/6 mice: comparative toxicogenomic effects of dioxin and non-dioxin-like ligands.

Serum dioxin concentrations and time to pregnancy.

Comparative contribution of the aryl hydrocarbon receptor gene to perinatal stage development and dioxin-induced toxicity between the urogenital complex and testis in the mouse.

beta-TrCP inhibition reduces prostate cancer cell growth via upregulation of the aryl hydrocarbon receptor.

Spatiotemporal alteration in phosphatidylinositide 3-kinase-serine/threonine protein kinase B signaling in the nitrofen-induced hypoplastic lung.

Bronchopulmonary innervation defects in infants and rats with congenital diaphragmatic hernia.

Albumin as an adjunct to tracheal occlusion in fetal rats with congenital diaphragmatic hernia: a placebo-controlled study.

Androgenic regulation of ventral epithelial bud number and pattern in mouse urogenital sinus.

Interactions of airflow oscillation, tracheal inclination, and mucus elasticity significantly improve simulated cough clearance.

Toxic effects of lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on development of male reproductive system: involvement of antioxidants, oxidants, and p53 protein.

The involvement of hypophyseal-gonadal and hypophyseal-adrenal axes in arsenic-mediated ovarian and uterine toxicity: modulation by hCG.

Dioxin and endometrial progesterone resistance.

Abnormal regulation of chemokine TECK and its receptor CCR9 in the endometriotic milieu is involved in pathogenesis of endometriosis by way of enhancing invasiveness of endometrial stromal cells.

Receptor- and reactive intermediate-mediated mechanisms of teratogenesis.

Disturbance of parathyroid hormone-related protein signaling in the nitrofen-induced hypoplastic lung.

Microscopic magnetic resonance in congenital diaphragmatic hernia and associated malformations in rats.

Upregulation of endothelin receptors A and B in the nitrofen induced hypoplastic lung occurs early in gestation.

Downregulation of insulin-like growth factor binding protein 3 and 5 in nitrofen-induced pulmonary hypoplasia.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits fibroblast growth factor 10-induced prostatic bud formation in mouse urogenital sinus.

Early development of the primordial mammalian diaphragm and cellular mechanisms of nitrofen-induced congenital diaphragmatic hernia.

Evaluation of a bioluminescent mouse model expressing aromatase PII-promoter-controlled luciferase as a tool for the study of endocrine disrupting chemicals.

Automated dose-response analysis and comparative toxicogenomic evaluation of the hepatic effects elicited by TCDD, TCDF, and PCB126 in C57BL/6 mice.

Role of dietary GSH in the amelioration of sodium arsenite-induced ovarian and uterine disorders.

Interaction between beet vinasse and iron fertilisers in the prevention of iron deficiency in lupins.

Rice fruit development is associated with an increased IAA content in pollinated ovaries.

Cell viability and PSA secretion assays in LNCaP cells: a tiered in vitro approach to screen chemicals with a prostate-mediated effect on male reproduction within the ReProTect project.

Effects of TCDD on the expression of nuclear encoded mitochondrial genes.

Nitrofen induces apoptosis independently of retinaldehyde dehydrogenase (RALDH) inhibition.

Two modes of mitochondrial dysfunction lead independently to lifespan extension in *Caenorhabditis elegans*.

Estrogenic activity of coumestrol, DDT, and TCDD in human cervical cancer cells.

Dioxin exposure disrupts the differentiation of mouse embryonic stem cells into cardiomyocytes.

Endocrine disruptor, dioxin (TCDD)-induced mitochondrial dysfunction and apoptosis in human trophoblast-like JAR cells.

Flow-cytometric analyses of viability biomarkers in pesticide-exposed sperm of three aquatic invertebrates.

Uptake and transport of roxarsone and its metabolites in water spinach as affected by phosphate supply.

The offspring sex ratios of male mammals treated with dioxin before mating: comment on the paper of Ishihara et al.

Historical perspective of pesticide poisoning in Japan and measures taken by the Japanese association of rural medicine.

Attenuation of cell cycle progression by 2,3,7,8-tetrachlorodibenzo-p-dioxin eliciting ovulatory blockade in gonadotropin-primed immature rats.

Somatic embryogenesis in in vitro culture of *Leucosium vernum* L.

When does the sex ratio of offspring of the paternal 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure decrease: in the spermatozoa stage or at fertilization?

Altered metabolisms of mediators controlling vascular function and enhanced oxidative stress in asymptomatic children with congenital portosystemic venous shunt.

Characterization of the hypothalamic-pituitary-adrenal axis response to atrazine and metabolites in the female rat.

Population-specific incidence of testicular ovarian follicles in *Xenopus laevis* from South Africa: a potential issue in endocrine testing.

A unified approach for analyzing exchangeable binary data with applications to developmental toxicity studies.

Decreased mitochondrial superoxide levels and enhanced protection against paraquat in *Drosophila melanogaster* supplemented with *Rhodiola rosea*.

Impact of glyphosate on the development, fertility and demography of *Chrysoperla externa* (Neuroptera: Chrysopidae): ecological approach.

Bioaccessibility, bioavailability and ecotoxicity of pentachlorophenol in compost amended soils.

Does paternal exposure to Agent Orange cause birth defects?

Agrichemicals in surface water and birth defects in the United States.

Endocrine disrupting effects of herbicides and pentachlorophenol: in vitro and in vivo evidence.

Does atrazine influence larval development and sexual differentiation in *Xenopus laevis*?

Plant growth regulator (4-chlorophenoxy acetic acid) increases apoptosis in gonads of rats without changing hormonal levels.

Regional differences in time to pregnancy among fertile women from five Colombian regions with different use of glyphosate.

The effect of gonadectomy and estradiol on sensitivity to oxidative stress.

Collaborative work on evaluation of ovarian toxicity. 14) Two- or four-week repeated-dose studies and fertility study of atrazine in female rats.

Effects of atrazine and its withdrawal on gonadotropin-releasing hormone neuroendocrine function in the adult female Wistar rat.

Potential gene flow from transgenic rice (*Oryza sativa* L.) to different weedy rice (*Oryza sativa* f. spontanea) accessions based on reproductive compatibility.

Atrazine inhibits pulsatile luteinizing hormone release without altering pituitary sensitivity to a gonadotropin-releasing hormone receptor agonist in female Wistar rats.

Up-regulation of Wnt5a gene expression in the nitrofen-induced hypoplastic lung.

[Seasonality of omphalocele in northern Germany].

Monoisoamyl dimercaptosuccinic acid abrogates arsenic-induced developmental toxicity in human embryonic stem cell-derived embryoid bodies: comparison with in vivo studies.

Upregulation of Slit-2 and Slit-3 gene expressions in the nitrofen-induced hypoplastic lung.

Automated dose-response analysis of the relative hepatic gene expression potency of TCDF in C57BL/6 mice.

Overview of developmental heart defects by dioxins, PCBs, and pesticides.

Prenatal retinoic acid up-regulates pulmonary gene expression of COUP-TFII, FOG2, and GATA4 in pulmonary hypoplasia.

Reassessing the evidence for the link between dioxin and endometriosis: from molecular biology to clinical epidemiology.

Impact and risk factors of craniofacial malformations in a Colombian population.

Expression of chloride channels in trachea-occluded hyperplastic lungs and nitrofen-induced hypoplastic lungs in rats.

Impact of life stage and duration of exposure on arsenic-induced proliferative lesions and neoplasia in C3H mice.

Effect of prenatal tetrandrine administration on transforming growth factor-beta1 level in the lung of nitrofen-induced congenital diaphragmatic hernia rat model.

Rationale and design of the oral HEMe iron polypeptide Against Treatment with Oral Controlled Release Iron Tablets trial for the correction of anaemia in peritoneal dialysis patients (HEMATOCRIT trial).

Endometriosis and organochlorinated environmental pollutants: a case-control study on Italian women of reproductive age.

The myenteric plexus of the esophagus is abnormal in an experimental congenital diaphragmatic hernia model.

Maternal exposure to dioxin disrupts gonadotropin production in fetal rats and imprints defects in sexual behavior.

Methyl iodide-induced fetal hypothyroidism implicated in late-stage fetal death in rabbits.

Prenatal developmental toxicity studies of inhaled methyl iodide vapor in rabbits reveal a susceptible window of exposure inducing late gestational fetotoxicity.

Effects of omega-3 fatty acids on components of the transforming growth factor beta-1 pathway: implication for dietary modification and prevention in ovarian cancer.

Foreword to a special issue of Inhalation Toxicology on a risk assessment for iodomethane.

Functional characterization of ryanodine receptor (RYR1) sequence variants using a metabolic assay in immortalized B-lymphocytes.

Developmental and environmental variation in genomes.

Toxic and chemopreventive ligands preferentially activate distinct aryl hydrocarbon receptor pathways: implications for cancer prevention.

Inhibition of androgen receptor transcriptional activity as a novel mechanism of action of arsenic.

[A series of observation on the expression of TGF-beta1 in the lung of nitrofen-induced congenital diaphragmatic hernia rat model].

Dioxin-induced toxicity on vascular remodeling of the placenta.

Serum dioxins, polychlorinated biphenyls, and endometriosis: a case-control study in Atlanta.

[The specific features of the clinical course of tuberculosis and enhancement of its treatment efficiency in fertile-age women with iron-deficiency anemia].

Cumulative effects of in utero administration of mixtures of "antiandrogens" on male rat reproductive development.

Fetal arsenic exposure appears to facilitate endocrine disruption by postnatal diethylstilbestrol in neonatal mouse adrenal.

Understanding butachlor toxicity in *Aulosira fertilissima* using physiological, biochemical and proteomic approaches.

The pleiotropy of dioxin toxicity--xenobiotic misappropriation of the aryl hydrocarbon receptor's alternative physiological roles.

Short form glutathione peroxidase 4 is the essential isoform required for survival and somatic mitochondrial functions.

Influence of teratogenic factors on mouse 39 hox gene expression.

Sonic hedgehog gene expression in nitrofen induced hypoplastic lungs in mice.

The tryptophan photoproduct 6-formylindolo[3,2-b]carbazole (FICZ) binds multiple AHRs and induces multiple CYP1 genes via AHR2 in zebrafish.

Extension of *Drosophila* life span by RNAi of the mitochondrial respiratory chain.

Genotoxicity of sodium arsenite and DNA fragmentation in ovarian cells of rat.

A Novel Application of a Bivariate Regression Model for Binary and Continuous Outcomes to Studies of Fetal Toxicity.

Estrogen signaling is not required for prostatic bud patterning or for its disruption by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Distinct roles of two zebrafish AHR repressors (AHRRa and AHRRb) in embryonic development and regulating the response to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effect of chronic exposure to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin in female rats on ovarian gene expression.

Persistent adverse effects on health and reproduction caused by exposure of zebrafish to 2,3,7,8-tetrachlorodibenzo-p-dioxin during early development and gonad differentiation.

Participation of the human sperm proteasome in the capacitation process and its regulation by protein kinase A and tyrosine kinase.

Developmental mechanisms of arsenite toxicity in zebrafish (*Danio rerio*) embryos.

Up-regulation of COUP-TFII gene expression in the nitrofen-induced hypoplastic lung.

Assessment of the genotoxicity of Cu and Zn in raw and anaerobically digested slurry with the *Vicia faba* micronucleus test.

A conceptual model for assessing risks in a Mediterranean Natura 2000 Network site.

Proteomic analysis of the rat ovary following chronic low-dose exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Levels of urinary total and speciated arsenic in the US population: National Health and Nutrition Examination Survey 2003-2004.

Effects of atrazine on female Wistar rats: morphological alterations in ovarian follicles and immunocytochemical labeling of 90 kDa heat shock protein.

Gestational exposure to atrazine: effects on the postnatal development of male offspring.

Reproduction, larval growth, and reproductive development in African clawed frogs (*Xenopus laevis*) exposed to atrazine.

Predictability of copper, irgarol, and diuron combined effects on sea urchin *Paracentrotus lividus*.

G-protein-coupled receptor 30 and estrogen receptor-alpha are involved in the proliferative effects induced by atrazine in ovarian cancer cells.

Constraints on the evolution of tolerance to herbicide in the common morning glory: resistance and tolerance are mutually exclusive.

Difference in the sensitivity to chemical compounds between female and male neonates of *Daphnia magna*.

Effects of the mixture of diquat and a nonylphenol polyethoxylate adjuvant on fecundity and progeny early performances of the pond snail *Lymnaea stagnalis* in laboratory bioassays and microcosms.

Pre- and post-conception pesticide exposure and the risk of birth defects in an Ontario farm population.

Atrazine exposure decreases cell proliferation in Chinese Hamster Ovary (CHO-K1) cell line.

Interference by atrazine and bisphenol-A with progesterin binding to the ovarian progesterin membrane receptor and induction of oocyte maturation in Atlantic croaker.

Variation in somatic and ovarian development: predicting susceptibility of amphibians to estrogenic contaminants.

Allergic contact dermatitis with a fertilizer containing hydrogen cyanamide (Dormex).

[Cytogenetic and other cariological parameters of exfoliative buccal cells in Vietnamese children from areas where dioxin-containing herbicides were applied].

Oxygen flux as an indicator of physiological stress in fathead minnow (*Pimephales promelas*) embryos: a real-time biomonitoring system of water quality.

The herbicide atrazine activates endocrine gene networks via non-steroidal NR5A nuclear receptors in fish and mammalian cells.

Developmental exposure to endocrine disruptor chemicals alters follicular dynamics and steroid levels in *Caiman latirostris*.

Genetic transformation via somatic embryogenesis to establish herbicide-resistant opium poppy.

Site-directed mutagenesis, heterologous expression of cyanamide hydratase gene and antimicrobial activity of cyanamide.

Maternal administration of betamethasone inhibits proliferation induced by fetal tracheal occlusion in the nitrofen rat model for congenital diaphragmatic hernia: a placebo-controlled study.

Abnormal development of tracheal innervation in rats with experimental diaphragmatic hernia.

Aryl hydrocarbon receptor-mediated down-regulation of *sox9b* causes jaw malformation in zebrafish embryos.

Elevated expression of CYP1A1 and gamma-SYNUCLEIN in human ectopic (ovarian) endometriosis compared with eutopic endometrium.

Decreased urinary beta-defensin-1 expression as a biomarker of response to arsenic.

Risk for non Hodgkin's lymphoma in the vicinity of French municipal solid waste incinerators.

Transposition of the great arteries.

Delayed initiation of breast development in girls with higher prenatal dioxin exposure; a longitudinal cohort study.

Critical role of cyclooxygenase-2 activation in pathogenesis of hydronephrosis caused by lactational exposure of mice to dioxin.

[Anti-estrogenic effect of dioxin on rat skeleton development].

Environmental exposures and adverse pregnancy outcomes: a review of the science.

NKCC-1 and ENaC are down-regulated in nitrofen-induced hypoplastic lungs with congenital diaphragmatic hernia.

2,3,7,8-Tetrachlorodibenzo-p-dioxin exposure prevents cardiac valve formation in developing zebrafish.

Automated quantitative dose-response modeling and point of departure determination for large toxicogenomic and high-throughput screening data sets.

The effect of tracheal occlusion on lung branching in the rat nitrofen CDH model.

Intrinsic catch-up growth of hypoplastic fetal lungs is mediated by interleukin-6.

Combination of estrogen and dioxin is involved in the pathogenesis of endometriosis by promoting chemokine secretion and invasion of endometrial stromal cells.

Transgenerational effects from exposure to environmental toxic substances.

Concentrations of polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs), and dioxin-like PCBs in adipose tissue of infertile men.

Paternal environmental exposures and gene expression during spermatogenesis: research review to research framework.

Effects of maternal retinoic acid administration in a congenital diaphragmatic hernia rabbit model.

Incident diabetes and pesticide exposure among licensed pesticide applicators: Agricultural Health Study, 1993-2003.

Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants.

Perinatal exposure of female rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin induces central precocious puberty in the offspring.

Dioxin may promote inflammation-related development of endometriosis.

Comparative genomics identifies genes mediating cardiotoxicity in the embryonic zebrafish heart.

[Effect of hemin on the lung development and pulmonary arterial structural remodeling in congenital diaphragmatic hernia: experiment with rats].

Perinatal profile of ventricular overload markers in congenital diaphragmatic hernia.

Effects of Helicobacter infection on developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in Holtzman rats.

[Study advance on reproductive and developmental toxicity of haloacetic acids in drinking water].

Risk factors for ovarian cancer: an overview with emphasis on hormonal factors.

Endocrine toxicants including 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and dioxin-like chemicals and endometriosis: is there a link?

Prenatal treatment with retinoic acid promotes pulmonary alveologenesis in the nitrofen model of congenital diaphragmatic hernia.

Comparative toxicogenomic examination of the hepatic effects of PCB126 and TCDD in immature, ovariectomized C57BL/6 mice.

Organochlorines and endometriosis: a mini-review.

Regression analysis of a disease onset distribution using diagnosis data.

Chemical contaminants, health indicators, and reproductive biomarker responses in fish from rivers in the Southeastern United States.

Environmental immune disruption: a comorbidity factor for reproduction?

Prenatal treatment with retinoic acid accelerates type 1 alveolar cell proliferation of the hypoplastic lung in the nitrofen model of congenital diaphragmatic hernia.

Downregulation of GATA4 and GATA6 in the heart of rats with nitrofen-induced diaphragmatic hernia.

Exploiting gene-environment interaction to detect adverse health effects of environmental chemicals on the next generation.

Environmental factors in the etiology of esophageal atresia and congenital diaphragmatic hernia: results of a case-control study.

Disruption of aryl hydrocarbon receptor (AhR) induces regression of the seminal vesicle in aged male mice.

Endocrine disruptors and estrogenic effects on male reproductive axis.

The link between environmental toxicant exposure and endometriosis.

A whole-animal microplate assay for metabolic rate using zebrafish.

WNT5A selectively inhibits mouse ventral prostate development.

Dioxin causes ventral prostate agenesis by disrupting dorsoventral patterning in developing mouse prostate.

Effects of 2,4-dichlorophenol on the expression of vitellogenin and estrogen receptor genes and physiology impairments in Chinese rare minnow (*Gobiocypris rarus*).

Prolonged ELS test with the marine flatfish sole (*Solea solea*) shows delayed toxic effects of previous exposure to PCB 126.

Sulfhydryl systems are a critical factor in the zebrafish developmental toxicity of the dithiocarbamate sodium metam (NaM).

Determination of plant hormones in fertilizers by high-performance liquid chromatography with photodiode array detection: method development and single-laboratory validation.

Review of testicular toxicity of dinitrophenolic compounds, 2-sec-butyl-4,6-dinitrophenol, 4,6-dinitro-*o*-cresol and 2,4-dinitrophenol.

Exposure to sodium metam during zebrafish somitogenesis results in early transcriptional indicators of the ensuing neuronal and muscular dysfunction.

In utero exposure to 2,3,7,8-Tetrachlorodibenzo-*p*-Dioxin affects the development of reproductive system in mouse.

Existing technologies to reduce specific toxicant emissions in cigarette smoke.

Toxicity of analytically cleaned pentabromodiphenylether after prolonged exposure in estuarine European flounder (*Platichthys flesus*), and partial life-cycle exposure in fresh water zebrafish (*Danio rerio*).

Potential endocrine disruption of sexual development in free ranging male northern leopard frogs (*Rana pipiens*) and green frogs (*Rana clamitans*) from areas of intensive row crop agriculture.

Effect of dioxin exposure on aromatase expression in ovariectomized rats.

Long-term effects of polychlorinated biphenyls and dioxins on pregnancy outcomes in women affected by the Yusho incident.

Diverse mechanisms of anti-androgen action: impact on male rat reproductive tract development.

A mixture of seven antiandrogens induces reproductive malformations in rats.

Impaired VEGF and nitric oxide signaling after nitrofen exposure in rat fetal lung explants.

Molecular targets of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD) within the zebrafish ovary: insights into TCDD-induced endocrine disruption and reproductive toxicity.

Effect of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin on testicular spermatogenesis-related panels and serum sex hormone levels in rats.

Evaluation of the antiandrogenic effects of flutamide, DDE, and linuron in the weanling rat assay using organ weight, histopathological, and proteomic approaches.

Short- and long-term responses of *Daphnia* spp. to propanil exposures in distinct food supply scenarios.

Retinoic acid-mediated differentiation protects against nitrofen-induced apoptosis.

Amphibian survival, growth and development in response to mineral nitrogen exposure and predator cues in the field: an experimental approach.

Incidence of abdominal wall defects is related to surface water atrazine and nitrate levels.

Atrazine-induced aromatase expression is SF-1 dependent: implications for endocrine disruption in wildlife and reproductive cancers in humans.

Impaired alveolar epithelial cell differentiation in the hypoplastic lung in nitrofen-induced congenital diaphragmatic hernia.

Altered regulation of retinoic acid synthesis in nitrofen-induced hypoplastic lung.

Testing estrogenicity of known and novel (xeno-)estrogens in the MolDarT using developing zebrafish (*Danio rerio*).

Surflan and oryzalin impair reproduction in the teleost medaka (*Oryzias latipes*).

Atrazine-induced reproductive tract alterations after transplacental and/or lactational exposure in male Long-Evans rats.

Effects of the herbicide Roundup on the epididymal region of drakes *Anas platyrhynchos*.

Reproductive effects in male rats exposed to diuron.

In vitro alachlor effects on reactive oxygen species generation, motility patterns and apoptosis markers in human spermatozoa.

Concentrations and specific loads of glyphosate, diuron, atrazine, nonylphenol and metabolites thereof in French urban sewage sludge.

Role of AHR2 in the expression of novel cytochrome P450 1 family genes, cell cycle genes, and morphological defects in developing zebra fish exposed to 3,3',4,4',5-pentachlorobiphenyl or 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[The etiology of congenital diaphragmatic hernia and esophageal atresia: the Hox genes].

Effect of antenatal tetrandrine administration on endothelin-1 and epidermal growth factor levels in the lungs of rats with experimental diaphragmatic hernia.

Mechanisms of action of the congenital diaphragmatic hernia-inducing teratogen nitrofen.

[Environmental dioxin compounds as the cause of endometriosis and other diseases].

Effects of in utero and lactational exposure to triphenyltin chloride on pregnancy outcome and postnatal development in rat offspring.

Arsenic exposure in pregnant mice disrupts placental vasculogenesis and causes spontaneous abortion.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the developing male Wistar(Han) rat. I: No decrease in epididymal sperm count after a single acute dose.

Toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in the developing male Wistar(Han) rat. II: Chronic dosing causes developmental delay.

Embryonic essential myosin light chain regulates fetal lung development in rats.

[Effect of tetrandrine on lung development: experiment of nitrofen-induced congenital diaphragmatic hernia fetal rat model].

Combination of 17beta-estradiol with the environmental pollutant TCDD is involved in pathogenesis of endometriosis via up-regulating the chemokine I-309-CCR8.

Strengths and limitations of using repeat-dose toxicity studies to predict effects on fertility.

Fetal tracheal occlusion for the treatment of congenital diaphragmatic hernia.

Transplacental arsenic carcinogenesis in mice.

Pulmonary epithelial cell differentiation in the nitrofen-induced congenital diaphragmatic hernia.

Allium cepa chromosome aberration and micronucleus tests applied to study genotoxicity of extracts from pesticide-treated vegetables and grapes.

Interaction between cytochrome P450 gene polymorphisms and serum organochlorine TEQ levels in the risk of endometriosis.

Concentrations of organochlorine pollutants in mothers who gave birth to neonates with congenital hypothyroidism.

Effects of 3-methyl-4-nitrophenol in diesel exhaust particles on the regulation of reproductive function in immature female Japanese quail (*Coturnix japonica*).

Agricultural exposures and gastric cancer risk in Hispanic farm workers in California.

Vitamin A deficiency (VAD), teratogenic, and surgical models of congenital diaphragmatic hernia (CDH).

Decreased lung fibroblast growth factor 18 and elastin in human congenital diaphragmatic hernia and animal models.

Serum monocyte chemotactic protein-1 levels in congenital diaphragmatic hernia.

Some clinico and histopathological changes in female goats experimentally exposed to dioxin.

Developmental exposure of mice to TCDD elicits a similar uterine phenotype in adult animals as observed in women with endometriosis.

Internal dose-effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in gonadotropin-primed weanling rat model.

Serum dioxin concentrations and quality of ovarian function in women of Seveso.

[Effect of tetrandrine on endothelin expression in the lungs and clinical significance thereof: experiment with rat models with nitrofen-induced congenital diaphragmatic hernia].

Down-regulation of Wnt signal pathway in nitrofen-induced hypoplastic lung.

Reduced expression of aquaporin 5 water channel in nitrofen-induced hypoplastic lung with congenital diaphragmatic hernia rat model.

Disturbance of retinol transportation causes nitrofen-induced hypoplastic lung.

Keokuk County rural health study: self-reported use of agricultural chemicals and protective equipment.

Reproductive disorders associated with pesticide exposure.

Kidney development in the nitrofen-induced pulmonary hypoplasia and congenital diaphragmatic hernia in rats.

Environmental and host-associated risk factors in endometriosis and deep endometriotic nodules: a matched case-control study.

A critical comparison of murine pathology and epidemiological data of TCDD, PCB126, and PeCDF.

Short-term hormone release from adult female rat hypothalamic and pituitary explants is not altered by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Autoradiographic localization of aromatic hydrocarbon receptor (AHR) in rhesus monkey ovary.

Regulation of aryl hydrocarbon receptor activity in porcine cumulus-oocyte complexes in physiological and toxicological conditions: the role of follicular fluid.

Reproductive functions and hypothalamic catecholamines in response to the soil fumigant metam sodium: adaptations to extended exposures.

Does paternal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) affect the sex ratio of offspring?

Analysis of lipid peroxidation in human spermatozoa using BODIPY C11.

Sperm quality, birth rates and the environment in Flanders (Belgium).

Exposure of bovine sperm to pro-oxidants impairs the developmental competence of the embryo after the first cleavage.

Ovarian endocrine disruption underlies premature reproductive senescence following environmentally relevant chronic exposure to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Sublethal effects of two neurotoxic insecticides on *Araneus pratensis* (Araneae: Araneidae).

Imazaquin degradation and metabolism in a sandy loam soil amended with farm litters.

Unfertilized ovary: a novel explant for coconut (*Cocos nucifera* L.) somatic embryogenesis.

Examining multiple sublethal contaminants on the gray treefrog (*Hyla versicolor*): Effects of an insecticide, herbicide, and fertilizer.

Commentary: Agent Orange and birth defects in Vietnam.

Association between Agent Orange and birth defects: systematic review and meta-analysis.

Effects of in ovo exposure to imazalil and atrazine on sexual differentiation in chick gonads.

Evidence for a novel endocrine disruptor: the pesticide propanil requires the ovaries and steroid synthesis to enhance humoral immunity.

Cancer incidence among pesticide applicators exposed to cyanazine in the agricultural health study.

Effects of antioxidant vitamins on molecular regulators involved in lung hypoplasia induced by nitrofen.

Toxic effects of irgarol and diuron on sea urchin *Paracentrotus lividus* early development, fertilization, and offspring quality.

In ovo exposure to a triazine herbicide: effects of atrazine on circulating reproductive hormones and gonadal histology in young Japanese quail.

Effects of pentachlorophenol on the reproduction of Japanese medaka (*Oryzias latipes*).

Plasma steroid hormone concentrations, aromatase activities and GSI in ranid frogs collected from agricultural and non-agricultural sites in Michigan (USA).

Characterization of atrazine-induced gonadal malformations in African clawed frogs (*Xenopus laevis*) and comparisons with effects of an androgen antagonist (cyproterone acetate) and exogenous estrogen (17beta-estradiol): Support for the demasculinization/feminization hypothesis.

Ghrelin expression in human and rat fetal lungs and the effect of ghrelin administration in nitrofen-induced congenital diaphragmatic hernia.

Analysis of reproductive toxicity and classification of glufosinate-ammonium.

Characterizing the ovotoxicity of cyclophosphamide metabolites on cultured mouse ovaries.

Atrazine concentrations, gonadal gross morphology and histology in ranid frogs collected in Michigan agricultural areas.

Toxic actions of dinoseb in medaka (*Oryzias latipes*) embryos as determined by in vivo ³¹P NMR, HPLC-UV and ¹H NMR metabolomics.

Effects of self-fertilization, environmental stress and exposure to xenobiotics on fitness-related traits of the freshwater snail *Lymnaea stagnalis*.

Effects of nitrate and atrazine on larval development and sexual differentiation in the northern leopard frog *Rana pipiens*.

Atrazine increases ranavirus susceptibility in the tiger salamander, *Ambystoma tigrinum*.

Improvement of pulmonary hypoplasia associated with congenital diaphragmatic hernia by in utero CFTR gene therapy.

Methods for assessing the toxicity of herbicides to submersed aquatic plants.

Paraquat-induced lipid peroxidation: effects of ovariectomy and estrogen receptor antagonist.

Separation of plant hormones from biofertilizer by capillary electrophoresis using a capillary coated dynamically with polycationic polymers.

Serum dioxin-like compounds and aromatase (CYP19) expression in endometriotic tissues.

Developmental toxicity of 4-ring polycyclic aromatic hydrocarbons in zebrafish is differentially dependent on AH receptor isoforms and hepatic cytochrome P4501A metabolism.

Spatial and temporal expression of glucocorticoid, retinoid, and thyroid hormone receptors is not altered in lungs of congenital diaphragmatic hernia.

Comparative toxicogenomic analysis of the hepatotoxic effects of TCDD in Sprague Dawley rats and C57BL/6 mice.

[Effect and significance of tetrandrine on epidermal growth factor and its receptor in the lung of congenital diaphragmatic hernia rat model].

Covariation of psychological attributes and incident coronary heart disease in U.S. Air Force veterans of the Vietnam war.

Teratogen-induced, dietary and genetic models of congenital diaphragmatic hernia share a common mechanism of pathogenesis.

Blocking expression of AHR2 and ARNT1 in zebrafish larvae protects against cardiac toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Airway smooth muscle dysfunction precedes teratogenic congenital diaphragmatic hernia and may contribute to hypoplastic lung morphogenesis.

The effects of PCBs and dioxins on child health.

Today's epidemics in children: possible relations to environmental pollution and suggested preventive measures.

Sex ratio of the offspring of Sprague-Dawley rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in utero and lactationally in a three-generation study.

Peristalsis of airway smooth muscle is developmentally regulated and uncoupled from hypoplastic lung growth.

Cancer and pesticides: an overview and some results of the Italian multicenter case-control study on hematolymphopoietic malignancies.

The therapeutic effect of tissue cultured root of wild Panax ginseng C.A. Mayer on spermatogenic disorder.

Myocardium expression of connexin 43, SERCA2a, and myosin heavy chain isoforms are preserved in nitrofen-induced congenital diaphragmatic hernia rat model.

Connexin 43 gene expression in mice with cardiopulmonary developmental defects.

For dioxin-induced birth defects, mouse or human CYP1A2 in maternal liver protects whereas mouse CYP1A1 and CYP1B1 are inconsequential.

Lung morphology after late fetal tracheal ligation in rats.

Pendimethalin exposure and cancer incidence among pesticide applicators.

Increased levels of polychlorobiphenyls in Italian women with endometriosis.

Differential susceptibilities of Holtzman and Sprague-Dawley rats to fetal death and placental dysfunction induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) despite the identical primary structure of the aryl hydrocarbon receptor.

[Thyroid C cells are decreased in experimental CDH].

Effects of combined 17beta-estradiol with TCDD on secretion of chemokine IL-8 and expression of its receptor CXCR1 in endometriotic focus-associated cells in co-culture.

The early embryo loss caused by 2,3,7,8-tetrachlorodibenzo-p-dioxin may be related to the accumulation of this compound in the uterus.

Occupational exposure and effects on the male reproductive system.

Endocrine disrupters and female reproductive health.

Congenital diaphragmatic hernia prevents absorption of distal air space fluid in late-gestation rat fetuses.

External heart deformities in passerine birds exposed to environmental mixtures of polychlorinated biphenyls during development.

Vitamin A improves Pax3 expression that is decreased in the heart of rats with experimental diaphragmatic hernia.

Semen quality in fertile US men in relation to geographical area and pesticide exposure.

Genetic differences in lethality of newborn mice treated in utero with coplanar versus non-coplanar hexabromobiphenyl.

The association of endometriosis risk and genetic polymorphisms involving dioxin detoxification enzymes: a systematic review.

Germ-line mutations at a mouse ESTR (Pc-3) locus and human microsatellite loci.

Terminology of gonadal anomalies in fish and amphibians resulting from chemical exposures.

[The multifaceted effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in organisms, especially dentition changes].

[Free radical processes in patients with iron deficiency anemia treated with iron medication].

[Exposure to endocrine disrupting chemicals and children's health: problems in epidemiological studies].

Regression analysis of pesticide use and breast cancer incidence in California Latinas.

A cluster of hypoplastic left heart malformation in Baltimore, Maryland.

Activation of telomerase in BeWo cells by estrogen and 2,3,7,8-tetrachlorodibenzo-p-dioxin in co-operation with c-Myc.

Sex and congenital diaphragmatic hernia.

Altered renin-angiotensin system gene expression causes renal hypoplasia in the rats with nitrofen-induced diaphragmatic hernia.

Expression of Connexin 43 in the hearts of rat embryos exposed to nitrofen and effects of vitamin A on it.

Retinoic acid rescues lung hypoplasia in nitrofen-induced hypoplastic foetal rat lung explants.

Detection of equine herpesvirus type 1 using a real-time polymerase chain reaction.

Toxicity of six pesticides to common frog (*Rana temporaria*) tadpoles.

Molecular analysis, cytogenetics and fertility of introgression lines from transgenic wheat to *Aegilops cylindrica* host.

Establishment of a simple and efficient system for somatic embryo induction via ovule culture in *Arabidopsis thaliana*.

Toxic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in developing red seabream (*Pagrus major*) embryo: an association of morphological deformities with AHR1, AHR2 and CYP1A expressions.

Serum dioxin-like activity is associated with reproductive parameters in young men from the general Flemish population.

Exposure to 3,3',4,4',5-pentachlorobiphenyl during embryonic development has a minimal effect on the cytochrome P4501A response to 2,3,7,8-tetrachlorodibenzo-p-dioxin in cultured chicken embryo hepatocytes.

Anti-androgenic activity of 3-methyl-4-nitrophenol in diesel exhaust particles.

In vitro microspore selection in maize anther culture with oxidative-stress stimulators.

Aryl hydrocarbon receptor activation produces heart-specific transcriptional and toxic responses in developing zebrafish.

Zebrafish as a model for developmental neurotoxicity testing.

Brief report: embryonic growth and hatching implications of developmental 670-nm phototherapy and dioxin co-exposure.

Identification of new human pregnane X receptor ligands among pesticides using a stable reporter cell system.

Regulation of human male germ cell death by modulators of ATP production.

Suppressive effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on vascular remodeling that takes place in the normal labyrinth zone of rat placenta during late gestation.

Effect of VEGF on the branching morphogenesis of normal and nitrofen-induced hypoplastic fetal rat lung explants.

Effect of a single in ovo injection of 2,3,7,8-tetrachlorodibenzo-p-dioxin on protein expression in liver and ovary of the one-day-old chick analyzed by fluorescent two-dimensional difference gel electrophoresis and mass spectrometry.

Inhibition of follicular development, vitellogenesis, and serum 17beta-estradiol concentrations in zebrafish following chronic, sublethal dietary exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Propolis protects human spermatozoa from DNA damage caused by benzo[a]pyrene and exogenous reactive oxygen species.

Sources, vertical fluxes, and equivalent toxicity of aromatic hydrocarbons in coastal sediments of the Río de la Plata Estuary, Argentina.

Survivorship and mortality implications of developmental 670-nm phototherapy: dioxin co-exposure.

Chemical manipulation of glucose metabolism in porcine oocytes: effects on nuclear and cytoplasmic maturation in vitro.

Recent female mouse models displaying advanced reproductive aging.

The chlorinated AHR ligand 3,3',4,4',5-pentachlorobiphenyl (PCB126) promotes reactive oxygen species (ROS) production during embryonic development in the killifish (*Fundulus heteroclitus*).

Environmental toxicants and effects on female reproductive function.

670 nanometer light treatment attenuates dioxin toxicity in the developing chick embryo.

Metabolic regulation of in vitro-produced bovine embryos. II. Effects of phenazine ethosulfate, sodium azide and 2,4-dinitrophenol during post-compaction development on glucose metabolism and lipid accumulation.

Metabolic regulation of in-vitro-produced bovine embryos. I. Effects of metabolic regulators at different glucose concentrations with embryos produced by semen from different bulls.

Effects of acute and chronic exposure to the aryl hydrocarbon receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin on the transition to reproductive senescence in female Sprague-Dawley rats.

Triazine herbicides and epithelial ovarian cancer risk in central California.

Missing Link?: Alachlor and Semen Quality.

Drosophila DJ-1 mutants are selectively sensitive to environmental toxins associated with Parkinson's disease.

Effects of biotechnology on biodiversity: herbicide-tolerant and insect-resistant GM crops.

Effect of urea on degradation of terbutylazine in soil.

US abandons health study on Agent Orange.

Toxicity of organic compounds to marine invertebrate embryos and larvae: a comparison between the sea urchin embryogenesis bioassay and alternative test species.

Projected population-level effects of thiobencarb exposure on the mysid, *Americamysis bahia*, and extinction probability in a concentration-decay exposure system.

Expression of vasoactive mediators during mechanical ventilation in nitrofen-induced diaphragmatic hernia in rats.

Pax3 mRNA is decreased in the hearts of rats with experimental diaphragmatic hernia.

Acute exposure to molinate alters neuroendocrine control of ovulation in the rat.

Altered expression of angiotensin II receptor subtypes and transforming growth factor-beta in the heart of nitrofen-induced diaphragmatic hernia in rats.

A glyphosate-based pesticide impinges on transcription.

Nitrofen induces a redox-dependent apoptosis associated with increased p38 activity in P19 teratocarcinoma cells.

Changes over time in the allelochemical content of ten cultivars of rye (*Secale cereale* L.).

Effects of the herbicide diuron on the early life history stages of coral.

Differential effects of vitamin A on fetal lung growth and diaphragmatic formation in nitrofen-induced rat model.

Long CGG-repeat tracts are toxic to human cells: implications for carriers of Fragile X premutation alleles.

The cytogenetic effects of Avenoxan on *Allium cepa* and its relation with pollen sterility.

Possible enhancing effects of atrazine on growth of 7,12-dimethylbenz(a) anthracene-induced mammary tumors in ovariectomized Sprague-Dawley rats.

Carbon source dependent somatic embryogenesis and plant regeneration in cotton, *Gossypium hirsutum* L. cv. SVPR2 through suspension cultures.

Effects of bisphenol-A (BPA), dibutylphthalate (DBP), benzophenone-2 (BP2), procymidone (Proc), and linurone (Lin) on fat tissue, a variety of hormones and metabolic parameters: a 3 months comparison with effects of estradiol (E2) in ovariectomized (ovx) rats.

Fertility, segregation at a herbicide-resistance locus, and genome structure in BC hybrids from two important weedy *Amaranthus* species.

Risks and consequences of gene flow from herbicide-resistant crops: canola (*Brassica napus* L) as a case study.

Transforming growth factor-beta3 restores fusion in palatal shelves exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Heart malformation is an early response to TCDD in embryonic zebrafish.

Can maternal vitamin e supplementation prevent lung hypoplasia in the nitrofen-induced rat model of congenital diaphragmatic hernia?

Assessment of human contamination of estrogenic endocrine-disrupting chemicals and their risk for human reproduction.

Association of micropenis with Pro185Ala polymorphism of the gene for aryl hydrocarbon receptor repressor involved in dioxin signaling.

Background exposure to PCDDs/PCDFs/PCBs and its potential health effects: a review of epidemiologic studies.

Early developmental 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure decreases chick embryo heart chronotropic response to isoproterenol but not to agents affecting signals downstream of the beta-adrenergic receptor.

Fryns syndrome without diaphragmatic hernia. Report on a new case and review of the literature.

[Health risk related to municipal waste incineration].

Effects of dioxin and nutrition on cellular proliferation and dioxin- and estrogen-linked genes in ovarian cancer cell lines.

The epidemiology of non-Hodgkin lymphoma.

[Risk factors for pediatric malignant bone tumors].

In utero and lactational exposure to TCDD; steroidogenic outcomes differ in male and female rat pups.

Review of the toxicology of carbonyl sulfide, a new grain fumigant.

Genetic and environmental influences on malformations of the cardiac outflow tract.

Nitrovasodilator responses in pulmonary arterioles from rats with nitrofen-induced congenital diaphragmatic hernia.

[Application of a 3D reconstruction model for the analysis of nitrofen induced intrathoracic malformations].

Adrenomedullin is up-regulated in nitrofen-induced fetal pulmonary hypoplasia.

Increased dioxin-like compounds in the serum of women with peritoneal endometriosis and deep endometriotic (adenomyotic) nodules.

Effects of prenatal vitamins A, E, and C on the hypoplastic hearts of fetal rats with diaphragmatic hernia.

Congenital diaphragmatic hernia: a retinoid-signaling pathway disruption during lung development?

Induction of oxidative stress in the reproductive system of rats after subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Reduced expression of progesterone receptor-B in the endometrium of women with endometriosis and in cocultures of endometrial cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Serum dioxin concentrations and age at menopause.

Congenital diaphragmatic hernia, tracheal occlusion, thyroid transcription factor-1, and fetal pulmonary epithelial maturation.

High susceptibility of human c-Ha-ras proto-oncogene transgenic rats to carcinogenesis: a cancer-prone animal model.

Maternal use of nutritional supplements during the first month of pregnancy and decreased risk of Down's syndrome: case-control study.

Temporal and dose-dependent hepatic gene expression patterns in mice provide new insights into TCDD-Mediated hepatotoxicity.

Perinatal exposure to the fungicide prochloraz feminizes the male rat offspring.

Antenatal vitamin A administration attenuates lung hypoplasia by interfering with early instead of late determinants of lung underdevelopment in congenital diaphragmatic hernia.

Neonatally administered tert-octylphenol affects onset of puberty and reproductive development in female rats.

Insulinlike growth factor I gene expression is increased in the fetal lung after tracheal ligation.

Intrinsic function of the aryl hydrocarbon (dioxin) receptor as a key factor in female reproduction.

Coplanar polychlorinated biphenyls activate the aryl hydrocarbon receptor in developing tissues of two TCDD-responsive lacZ mouse lines.

Oxidative phosphorylation and the tricarboxylic acid cycle are essential for normal development of mouse ovarian follicles.

In vitro somatic embryogenesis from cell suspension cultures of cowpea [*Vigna unguiculata* (L.) Walp].

Accumulation, tissue distribution, and maternal transfer of dietary 2,3,7,8,-tetrachlorodibenzo-p-dioxin: impacts on reproductive success of zebrafish.

Effects of dioxin on metabolism of estrogens in waste incinerator workers.

Targeted expression of the human uncoupling protein 2 (hUCP2) to adult neurons extends life span in the fly.

Maternal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin and the body burden in offspring of long-evans rats.

[Dioxin, poisoning information or brainwashing? On Seveso's and Yushchenko's acne].

The relationship of urinary metabolites of carbaryl/naphthalene and chlorpyrifos with human semen quality.

Use of a crop and job specific exposure matrix for estimating cumulative exposure to triazine herbicides among females in a case-control study in the Central Valley of California.

Laboratory investigation into the development of resistance of *Daphnia magna* to the herbicide molinate.

Shortcomings of the laboratory-derived median lethal concentration for predicting mortality in field populations: exposure duration and latent mortality.

Plasma sex steroid concentrations and gonadal aromatase activities in African clawed frogs (*Xenopus laevis*) from South Africa.

Assessment of the ability of Imazaquin herbicide to induce chromosomal aberrations in vitro in cultured Chinese hamster ovary cells and micronuclei in vivo in mice.

Combined effects of ethanol and cinnamaldehyde in the Japanese medaka embryo-larval assay (MELA).

Comparison of anti-androgenic activity of flutamide, vinclozolin, procymidone, linuron, and p, p'-DDE in rodent 10-day Hershberger assay.

Effects of pure 2,4-dichlorophenoxyacetic acid on cultured rat embryos.

Comparative studies on the spermatotoxic effects of dinoseb and its structurally related chemicals.

Pentachlorophenol (PCP) bioaccumulation and effect on heat production on salmon eggs at different stages of development.

Low-dose agrochemicals and lawn-care pesticides induce developmental toxicity in murine preimplantation embryos.

Evaluation of lethality and genotoxicity in the freshwater mussel *Utterbackia imbecillis* (Bivalvia: Unionidae) exposed singly and in combination to chemicals used in lawn care.

Effects of atrazine on fathead minnow in a short-term reproduction assay.

Comparative effects of pH and Vision herbicide on two life stages of four anuran amphibian species.

Effects of atrazine on sex steroid dynamics, plasma vitellogenin concentration and gonad development in adult goldfish (*Carassius auratus*).

Exposure of cardiac fibroblasts to the herbicide nitrofen causes altered interactions with the extracellular matrix.

Oocyte maturation in *Xenopus laevis* is blocked by the hormonal herbicide, 2,4-dichlorophenoxy acetic acid.

Carbonyl stress and detoxification ability in the male genital tract and testis of rats.

A mixture of the "antiandrogens" linuron and butyl benzyl phthalate alters sexual differentiation of the male rat in a cumulative fashion.

Lack of modifying effects of an estrogenic compound atrazine on 7,12-dimethylbenz(a)anthracene-induced ovarian carcinogenesis in rats.

The vagus and recurrent laryngeal nerves in experimental congenital diaphragmatic hernia.

Evaluation of haemoglobin (erythrogen): for improved somatic embryogenesis and plant regeneration in cotton (*Gossypium hirsutum* L. cv. SVPR 2).

A highly efficient plant regeneration system through multiple shoot differentiation from commercial cultivars of barley (*Hordeum vulgare* L.) using meristematic shoot segments excised from germinated mature embryos.

Evidence that atrazine and diaminochlorotriazine inhibit the estrogen/progesterone induced surge of luteinizing hormone in female Sprague-Dawley rats without changing estrogen receptor action.

Association of male infertility with Pro185Ala polymorphism in the aryl hydrocarbon receptor repressor gene: implication for the susceptibility to dioxins.

Paternal occupational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin and birth outcomes of offspring: birth weight, preterm delivery, and birth defects.

Women and omega-3 Fatty acids.

Adult 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure and effects on male reproductive organs in three differentially TCDD-susceptible rat lines.

Systemic-to-pulmonary collaterals: a source of flow energy loss in Fontan physiology.

Role of estrogen receptor in regulation of polycyclic aromatic hydrocarbon metabolic activation in lung.

A HECT E3 ubiquitin-protein ligase with sequence similarity to E6AP does not target p53 for degradation in the softshell clam (*Mya arenaria*).

Male reproductive toxicity of sodium arsenite in mice.

Histomorphometric alteration and cell-type specific modulation of arylhydrocarbon receptor and estrogen receptor expression by 2,3,7,8-tetrachlorodibenzo-p-dioxin and 17beta-estradiol in mouse experimental model of endometriosis.

Animal models for arsenic carcinogenesis: inorganic arsenic is a transplacental carcinogen in mice.

In utero effects of chemicals on reproductive tissues in females.

Aryl hydrocarbon receptor (AhR)-independent effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on softshell clam (*Mya arenaria*) reproductive tissue.

The relationship of diaphragmatic defect, liver growth, and lung hypoplasia in nitrofen-induced congenital diaphragmatic hernia in the rat.

Pulmonary vascular morphology in a fetal rabbit model for congenital diaphragmatic hernia.

Pattern of male reproductive system effects after in utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposure in three differentially TCDD-sensitive rat lines.

VEGF expression is downregulated in nitrofen-induced congenital diaphragmatic hernia.

Pesticide exposure in male farmers and survival of in vitro fertilized pregnancies.

Mechanisms underlying arsenic carcinogenesis: hypersensitivity of mice exposed to inorganic arsenic during gestation.

The dioxin-like pollutant PCB 126 (3,3',4,4',5-pentachlorobiphenyl) affects risk factors for cardiovascular disease in female rats.

Risk of adverse reproductive outcomes associated with proximity to municipal solid waste incinerators with high dioxin emission levels in Japan.

Pulmonary elastin expression is decreased in the nitrofen-induced rat model of congenital diaphragmatic hernia.

Expression of aryl hydrocarbon receptor (AHR) and aryl hydrocarbon receptor nuclear translocator (ARNT) mRNA expression in human spermatozoa.

Drosophila parkin mutants have decreased mass and cell size and increased sensitivity to oxygen radical stress.

Nitric oxide donor increases osteoprotegerin production and osteoclastogenesis inhibitory activity in bone marrow stromal cells from ovariectomized rats.

Reductions in the incidence of nitrofen-induced diaphragmatic hernia by vitamin A and retinoic acid.

Dioxin-like compounds and endometriosis: a study on Italian and Belgian women of reproductive age.

First evidence of endocrine disruption in feral carp from the Ebro River.

How environmental hazards in childhood have been discovered: carcinogens, teratogens, neurotoxicants, and others.

Testosterone-stimulated weanlings as an alternative to castrated male rats in the Hershberger anti-androgen assay.

2,3,7,8-Tetrachlorodibenzo-p-dioxin inhibits regression of the common cardinal vein in developing zebrafish.

Decreased expression of voltage-gated K⁺ channels in pulmonary artery smooth muscles cells in nitrofen-induced congenital diaphragmatic hernia in rats.

Assessment of human health risk of dioxin in Korea.

Breast cancer and environmental risks: where is the link?

Interactions between 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and hypoxia signaling pathways in zebrafish: hypoxia decreases responses to TCDD in zebrafish embryos.

Comparison of the Hershberger assay and androgen receptor binding assay of twelve chemicals.

Phthalate ester-induced gubernacular lesions are associated with reduced insl3 gene expression in the fetal rat testis.

Protein kinase C delta is activated in mouse ovarian surface epithelial cancer cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Assessing the toxicity and teratogenicity of pond water in north-central Minnesota to amphibians.

The link between exposure to dioxin and endometriosis: a critical reappraisal of primate data.

Effect of epidermal growth factor on pulmonary hypoplasia in experimental diaphragmatic hernia.

Nitrofen-induced congenital diaphragmatic hernia in rat embryo: what model?

Role of aryl hydrocarbon receptor in mesencephalic circulation failure and apoptosis in zebrafish embryos exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Induction of tumors of the liver, lung, ovary and adrenal in adult mice after brief maternal gestational exposure to inorganic arsenic: promotional effects of postnatal phorbol ester exposure on hepatic and pulmonary, but not dermal cancers.

Role of stromal-epithelial interactions in hormonal responses.

Effects of endocrine disrupters on sex steroid synthesis and metabolism pathways in fish.

Src tyrosine kinase regulates CYP17 expression and androstenedione secretion in theca-enriched mouse ovarian cells.

Potential roles of the aryl hydrocarbon receptor in female reproductive senescence.

BRCA1 induces antioxidant gene expression and resistance to oxidative stress.

Stimulation of human spermatozoa with progesterone gradients to simulate approach to the oocyte. Induction of $[Ca^{2+}]_i$ oscillations and cyclical transitions in flagellar beating.

Developmental toxicity of the dithiocarbamate pesticide sodium metam in zebrafish.

Panax ginseng improves survival and sperm quality in guinea pigs exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Sequential morphological changes of erythrocyte apoptosis in *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

2,3,7,8-tetrachlorodibenzo-p-dioxin inhibits prostatic epithelial bud formation by acting directly on the urogenital sinus.

Phenylthiourea as a weak activator of aryl hydrocarbon receptor inhibiting 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced CYP1A1 transcription in zebrafish embryo.

Evidence that inhibited prostatic epithelial bud formation in 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed C57BL/6J fetal mice is not due to interruption of androgen signaling in the urogenital sinus.

Work-related pilot fatalities in agriculture--United States, 1992-2001.

Aryl hydrocarbon receptors in urogenital sinus mesenchyme mediate the inhibition of prostatic epithelial bud formation by 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Characterization of a fasciclin I-like protein with cell attachment activity from sea urchin (*Strongylocentrotus intermedius*) ovaries.

Effects of acute postnatal exposure to 3,3',4,4'-tetrachlorobiphenyl on sperm function and hormone levels in adult rats.

Effects of dioxin on gene expression in female reproductive system in the rat.

Pyrazolo pyrimidine-type inhibitors of SRC family tyrosine kinases promote ovarian steroid-induced differentiation of human endometrial stromal cells in vitro.

Reproductive and developmental effects of atrazine on the estuarine meiobenthic copepod *Amphiascus tenuiremis*.

Oxidative stress in *Caenorhabditis elegans*: protective effects of superoxide dismutase/catalase mimetics.

Effects of environmental estrogenic compounds on growth of a transplanted estrogen responsive pituitary tumor cell line in rats.

Developmental atrazine exposure suppresses immune function in male, but not female Sprague-Dawley rats.

Developmental effects of herbicides in mice.

The Metropolitan Atlanta Congenital Defects Program: 35 years of birth defects surveillance at the Centers for Disease Control and Prevention.

Exposure to animals and selected risk factors among Canadian farm residents with Hodgkin's disease, multiple myeloma, or soft tissue sarcoma.

Reported seasonal dependence of herbicide developmental toxicity in mice.

Herbicide effects on embryo implantation and litter size.

Birth malformations and other adverse perinatal outcomes in four U.S. Wheat-producing states.

Pentachlorophenol poisoning.

The selenoprotein GPX4 is essential for mouse development and protects from radiation and oxidative damage insults.

Diabetes mellitus and 2,3,7,8-tetrachlorodibenzo-p-dioxin elimination in veterans of Operation Ranch Hand.

The activation of the retinoic acid response element is inhibited in an animal model of congenital diaphragmatic hernia.

[Effect of atrazine on urease activity in soils with different fertility].

[Effects of different water, fertility, and light conditions on allelopathic traits of rice].

Fertile transgenic pearl millet [*Pennisetum glaucum* (L.) R. Br.] plants recovered through microprojectile bombardment and phosphinothricin selection of apical meristem-, inflorescence-, and immature embryo-derived embryogenic tissues.

Dioxins released from incineration plants and mortality from major diseases: an analysis of statistical data by municipalities.

[Antiestrogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the gene expression of insulin-like growth factors family in osteoblast cells].

Insulin regulation in AhR-null mice: embryonic cardiac enlargement, neonatal macrosomia, and altered insulin regulation and response in pregnant and aging AhR-null females.

Dioxin/polychlorinated biphenyl body burden, diabetes and endometriosis: findings in a population-based study in Belgium.

Region-specific inhibition of prostatic epithelial bud formation in the urogenital sinus of C57BL/6 mice exposed in utero to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Pulmonary surfactant protein A, B, and C mRNA and protein expression in the nitrofen-induced congenital diaphragmatic hernia rat model.

Aryl hydrocarbon receptor 2 mediates 2,3,7,8-tetrachlorodibenzo-p-dioxin developmental toxicity in zebrafish.

Fetal heart development in the nitrofen-induced CDH rat model: the role of mechanical and nonmechanical factors.

Mechanisms of TCDD-induced abnormalities and embryo lethality in white leghorn chickens.

Embryonic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in chickens: effects of dose and embryonic stage on hatchability and growth.

Semen quality in relation to biomarkers of pesticide exposure.

Integration, expression and inheritance of transgenes in hexaploid oat (*Avena sativa* L.).

The Ile2453Thr mutation in the ryanodine receptor gene 1 is associated with facilitated calcium release from sarcoplasmic reticulum by 4-chloro-m-cresol in human myotubes.

Prenatal vitamin E improves lung and heart hypoplasia in experimental diaphragmatic [correction of diaphragmatic] hernia.

Gene expression of fibroblast growth factors 10 and 7 is downregulated in the lung of nitrofen-induced diaphragmatic hernia in rats.

Risk factors for female infertility in an agricultural region.

Low frequency of infertility among workers in a borate processing facility.

Increased expression of ICAM-1 and VCAM-1 in the lung of nitrofen-induced congenital diaphragmatic hernia in rats.

A mixture of dioxins, furans, and non-ortho PCBs based upon consensus toxic equivalency factors produces dioxin-like reproductive effects.

Expression and activity of matrix metallo proteinases 2 and 9 and their inhibitors in rat lungs during the perinatal period and in diaphragmatic hernia.

Environmental dioxins and endometriosis.

The adrenal cortex in experimental congenital diaphragmatic hernia.

Etiology of congenital diaphragmatic hernia: the retinoid hypothesis.

Airway smooth muscle changes in the nitrofen-induced congenital diaphragmatic hernia rat model.

Effect of occupational exposures on male fertility: literature review.

Matrix metalloproteinase-9 and tissue inhibitor of metalloproteinase-1: expression in the lung of fetal rats with nitrofen-induced diaphragmatic hernia.

Invasion of interstitial matrix by a novel cell line from primary peritoneal carcinosarcoma, and by established ovarian carcinoma cell lines: role of cell-matrix adhesion molecules, proteinases, and E-cadherin expression.

Environmental estrogens alter early development in *Xenopus laevis*.

Increased expression of IgE-dependent histamine-releasing factor in endometriotic implants.

Retinal dehydrogenase-2 is inhibited by compounds that induce congenital diaphragmatic hernias in rodents.

Down-regulation of sonic hedgehog expression in pulmonary hypoplasia is associated with congenital diaphragmatic hernia.

Embryological origins and development of the rat diaphragm.

Anemia in pregnancy at South Sharqiya health centers, Oman.

Infertility and environmental pollutants.

Transplacental carcinogenicity of inorganic arsenic in the drinking water: induction of hepatic, ovarian, pulmonary, and adrenal tumors in mice.

Proliferative activity of bile from congenital choledochal cyst patients.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) stimulates gonadotropin secretion in the immature female Sprague-Dawley rat through a pentobarbital- and estradiol-sensitive mechanism but does not alter gonadotropin-releasing hormone (GnRH) secretion by immortalized GnRH neurons in vitro.

Fish intake, plasma omega-3 polyunsaturated fatty acids, and polychlorinated dibenzo-p-dioxins/polychlorinated dibenzo-furans and co-planar polychlorinated biphenyls in the blood of the Japanese population.

Expression of aryl hydrocarbon receptor repressor in normal human tissues and inducibility by polycyclic aromatic hydrocarbons in human tumor-derived cell lines.

Evidence for a role of p38 kinase in hypoxia-inducible factor 1-independent induction of vascular endothelial growth factor expression by sodium arsenite.

Correlations between parameters in risk models: estimation and propagation of uncertainty by Markov Chain Monte Carlo.

Implications of glucose transporter protein type 1 (GLUT1)-haplodeficiency in embryonic stem cells for their survival in response to hypoxic stress.

Effects of boron foliar applications on vegetative and reproductive growth of sunflower.

Effect of dietary co-administration of sodium selenite on sodium arsenite-induced ovarian and uterine disorders in mature albino rats.

Genetic transformation of Indian bread (*T. aestivum*) and pasta (*T. durum*) wheat by particle bombardment of mature embryo-derived calli.

Impact of Management Practices on Prevalence of Soybean Sclerotinia Stem Rot in the North-Central United States and on Farmers' Decisions Under Uncertainty.

Efficient in vitro direct shoot organogenesis and regeneration of fertile plants from embryo explants of Bambara groundnut (*Vigna subterranea* L. Verdc.).

Pharmacokinetics of ovarian steroids in Sprague-Dawley rats after acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

Vascular endothelial growth factor rescues 2,3,7,8-tetrachlorodibenzo-p-dioxin inhibition of coronary vasculogenesis.

Zebrafish as a novel experimental model for developmental toxicology.

Chromosome doubling procedures of onion (*Allium cepa* L.) gynogenic embryos.

Developmental toxicity of a commercial herbicide mixture in mice: I. Effects on embryo implantation and litter size.

Different age-specific demographic profiles are generated in the same normal-lived *Drosophila* strain by different longevity stimuli.

Effects of early embryonal exposure to dexamethasone on malformations of neural-crest derivatives induced by nitrofen in rats.

Effects of vitamin A on malformations of neural-crest-controlled organs induced by nitrofen in rats.

Oral (gavage) two-generation (one litter per generation) reproduction study of pentachlorophenol (penta) in rats.

A study of the potential for a herbicide formulation containing 2,4-d and picloram to cause male-mediated developmental toxicity in rats.

Reproductive outcomes in the women of the Red River Valley of the north. I. The spouses of pesticide applicators: pregnancy loss, age at menarche, and exposures to pesticides.

Response of the amphibian tadpole *Xenopus laevis* to atrazine during sexual differentiation of the ovary.

Birth defects, season of conception, and sex of children born to pesticide applicators living in the Red River Valley of Minnesota, USA.

The effects of atrazine metabolites on puberty and thyroid function in the male Wistar rat.

Postnatal survival of rat offspring prenatally exposed to pure 2,4-dichlorophenoxyacetic acid (2,4-D).

Pesticide Roundup provokes cell division dysfunction at the level of CDK1/cyclin B activation.

Developmental disorders in embryos of the frog *Xenopus laevis* induced by chloroacetanilide herbicides and their degradation products.

Fetotoxic action of 2,4-dichlorophenoxyacetic acid (2,4-D). III. Morphological changes in rat kidneys.

[Herbicides and congenital malformations in Meta, Colombia].

Effects of nonylphenol, 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene (p,p'-DDE), and pentachlorophenol on the adult female guinea pig reproductive tract.

Barriers to gene flow from oilseed rape (*Brassica napus*) into populations of *Sinapis arvensis*.

Endocrine active agents: implications of adverse and non-adverse changes.

Pesticide-related symptoms among farm workers in rural Honduras.

Male rats exposed to linuron in utero exhibit permanent changes in anogenital distance, nipple retention, and epididymal malformations that result in subsequent testicular atrophy.

Regional assessment of atrazine exposure and incidence of breast and ovarian cancers in Kentucky.

Agrobacterium tumefaciens-mediated transformation of maize embryos using a standard binary vector system.

The WUSCHEL gene promotes vegetative-to-embryonic transition in *Arabidopsis*.

Soil metabolism of isoxaflutole in corn.

Altered protein profile and possible hypoxia in the placenta of 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed rats.

Mesenchymal nuclear transcription factors in nitrofen-induced hypoplastic lung.

[Modern problems of biodosimetry].

Antenatal dexamethasone enhances endothelin-1 synthesis and gene expression in the heart in congenital diaphragmatic hernia in rats.

Expression of surfactant proteins and thyroid transcription factor 1 in an ovine model of congenital diaphragmatic hernia.

Antiandrogenic effects in vitro and in vivo of the fungicide prochloraz.

Endocrine disruption by indole-3-carbinol and tamoxifen: blockage of ovulation.

Critical windows of vulnerability for effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on prostate and seminal vesicle development in C57BL/6 mice.

Dioxin stimulates RANTES expression in an in-vitro model of endometriosis.

Nitrofen inhibition of pulmonary growth and development occurs in the early embryonic mouse.

Thyroid transcription factor-1 expression during normal human lung development and in patients with congenital diaphragmatic hernia.

Effect of mechanical ventilation on the pulmonary expression and production of elastin in nitrofen-induced diaphragmatic hernia in rats.

Aryl hydrocarbon receptor nuclear translocator 2 (ARNT2): structure, gene mapping, polymorphisms, and candidate evaluation for human orofacial clefts.

Oxidation-reduction (redox) controls fetal hypoplastic lung growth.

Murine nitrofen-induced pulmonary hypoplasia does not involve induction of TGF-beta signaling.

Estradiol enhances and estriol inhibits the expression of CYP1A1 induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in a mouse ovarian cancer cell line.

Challenging embryological theories on congenital diaphragmatic hernia: future therapeutic implications for paediatric surgery.

Serum dioxin concentrations and endometriosis: a cohort study in Seveso, Italy.

Serum dioxin concentrations and breast cancer risk in the Seveso Women's Health Study.

Effects of in utero exposure to the organophosphate insecticide fenitrothion on androgen-dependent reproductive development in the CrI:CD(SD)BR rat.

Analysis of the antiestrogenic activity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in human ovarian carcinoma BG-1 cells.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin and 2,3,4,7,8-pentachlorodibenzofuran reduces growth and disrupts reproductive parameters in female rats.

2,3,7,8-tetrachlorodibenzo-p-dioxin interacts with endogenous estradiol to disrupt prostate gland morphogenesis in male rat fetuses.

Alpha-tocopherol protects cultured human cells from the acute lethal cytotoxicity of dioxin.

Increased vascular endothelial growth factor peptide and gene expression in hypoplastic lung in nitrofen induced congenital diaphragmatic hernia in rats.

Effect of prenatal glucocorticoids and postnatal nitric oxide inhalation on survival of newborn rats with nitrofen-induced congenital diaphragmatic hernia.

Restoration of p53 tumor suppressor pathway in human cervical carcinoma cells by sodium arsenite.

Developmental stage-specific effects of perinatal 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on reproductive organs of male rat offspring.

Congenital erythrocytosis with increased erythropoietin level.

The potential role of exposure to environmental toxicants in the pathophysiology of endometriosis.

On the rumors about the silent spring. Review of the scientific evidence linking occupational and environmental pesticide exposure to endocrine disruption health effects.

Dioxin inhibition of estrogen-induced mouse uterine epithelial mitogenesis involves changes in cyclin and transforming growth factor-beta expression.

Increased glycogen content and glucose transporter 3 mRNA level in the placenta of Holtzman rats after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity in the zebrafish embryo: altered regional blood flow and impaired lower jaw development.

Maternal immune stimulation in mice decreases fetal malformations caused by teratogens.

How can chemical compounds alter human fertility?

Inhibitory effect of *Carthamus tinctorius* L. seed extracts on bone resorption mediated by tyrosine kinase, COX-2 (cyclooxygenase) and PG (prostaglandin) E2.

Hexachlorobenzene exposure and the proportion of male births in Turkey 1935-1990.

Dioxins and endometriosis: a plausible hypothesis.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) disrupts early morphogenetic events that form the lower reproductive tract in female rat fetuses.

Characterization and identification of cytochrome P450 metabolites of arachidonic acid released by human peritoneal macrophages obtained from the pouch of Douglas.

Oxidative stress response of rat testis to model prooxidants in vitro and its modulation.

Developmental changes in inhibitory effects of arsenic and heat shock on growth of pre-implantation bovine embryos.

Fate of Ah-receptor agonists in organic household waste during anaerobic degradation--estimation of levels using EROD induction in organ cultures of chick embryo livers.

Estrous cycle-regulated expression of CYP1B1 mRNA in the rat ovary.

2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity in the zebrafish embryo: local circulation failure in the dorsal midbrain is associated with increased apoptosis.

Serum dioxin concentrations and menstrual cycle characteristics.

Tissue-specific expression of AHR2, ARNT2, and CYP1A in zebrafish embryos and larvae: effects of developmental stage and 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure.

Alteration in ovarian gene expression in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin: reduction of cyclooxygenase-2 in the blockage of ovulation.

Expression of genes for alcohol and aldehyde metabolizing enzymes in mouse oocytes and preimplantation embryos.

Detection of early embryonic development in chicken eggs using visible light transmission.

Dioxin exposure and porcine reproductive hormonal activity.

Population toxicokinetic analysis of 2,3,7,8-tetrachlorodibenzo-p-dioxin using Bayesian techniques.

Effect of 2,4-dinitrophenol on the energy metabolism of cattle embryos produced by in vitro fertilization and culture.

Vietnamese sisters with Grebe syndrome on a TV program in Japan.

Impact of chemical warfare with agent orange on women's reproductive lives in Vietnam: a pilot study.

Cardiac gene expression and synthesis of atrial natriuretic peptide in the nitrofen model of congenital diaphragmatic hernia in rats: effect of prenatal dexamethazone treatment.

Restoring effects of vitamin A on surfactant synthesis in nitrofen-induced congenital diaphragmatic hernia in rats.

Distributions and determinants of pre-emergent herbicide exposures among custom applicators.

Herbicides and the microtubular apparatus of *Nicotiana tabacum* pollen tube: immunofluorescence and immunogold labelling studies.

Association of transposition of the great arteries in infants with maternal exposures to herbicides and rodenticides.

Bayesian semiparametric analysis of developmental toxicology data.

The toxicological effects of the herbicide 2,4-DCPA on progesterone levels and mortality in Wistar female rats.

[Genetic analysis of T1 progeny of transgenic tobacco with metallothionein gene and metallothionein domain mutant alpha alpha gene].

Effects of thiobencarb herbicide to an alga (*Nannochloris oculata*) and the cladoceran (*Daphnia magna*).

Grebe syndrome in Vietnamese sisters: not Agent Orange.

Arsenic-induced congenital malformations in genetically susceptible folate binding protein-2 knockout mice.

Heterofertilization exhibited by trifluralin-induced bicellular pollen on diploid and tetraploid maize crosses.

Altered gene level expression of thyroid hormone receptors alpha-1 and beta-1 in the lung of nitrofen-induced diaphragmatic hernia.

A cost of reproduction in *Drosophila melanogaster*: stress susceptibility.

Impaired spreading of surfactant phospholipids in the lungs of newborn rats with pulmonary hypoplasia as a model of congenital diaphragmatic hernia induced by nitrofen.

Impaired activity of the extraneuronal monoamine transporter system known as uptake-2 in Orct3/Slc22a3-deficient mice.

Combinatorial bio/chemical analysis of dioxin and dioxin-like compounds in waste recycling, feed/food, humans/wildlife and the environment.

Disruption of erythropoiesis by dioxin in the zebrafish.

Occupational risks for male fertility: an analysis of patients attending a tertiary referral centre.

[Acute intoxication in the child].

Spontaneous abortion, sex ratio, and paternal occupational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Mast cell regulation of inflammation and gene expression during antigen-induced bladder inflammation in mice.

Decreased mitogen activated protein kinase activities in congenital diaphragmatic hernia-associated pulmonary hypoplasia.

The risk of endometriosis and exposure to dioxins and polychlorinated biphenyls: a case-control study of infertile women.

Dioxin and diabetes mellitus: an analysis of the combined NIOSH and Ranch Hand data.

Green fluorescent protein (GFP) as a marker of aryl hydrocarbon receptor (AhR) function in developing zebrafish (*Danio rerio*).

Aromatic hydrocarbon receptor-driven Bax gene expression is required for premature ovarian failure caused by biohazardous environmental chemicals.

Use of a toxicokinetic model in the analysis of cancer mortality in relation to the estimated absorbed dose of dioxin (2,3,7,8-tetrachlorodibenzo-p-dioxin, TCDD).

Induction of hepatic 8-oxo-deoxyguanosine adducts by 2,3,7,8-tetrachlorodibenzo-p-dioxin in Sprague-Dawley rats is female-specific and estrogen-dependent.

In utero and lactational treatment with 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs mammary gland differentiation but does not block the response to exogenous estrogen in the postpubertal female rat.

Environmental xenoestrogens, antiandrogens and disorders of male sexual differentiation.

Identification of new triarylethylene oxyalkanoic acid analogues as bone selective estrogen mimetics.

The genetic basis of endometriosis.

Fetal tracheal occlusion in the rat model of nitrofen-induced congenital diaphragmatic hernia: tracheal occlusion reverses the arterial structural abnormality.

Regulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced tumor promotion by 17 beta-estradiol in female Sprague--Dawley rats.

Neural crest-derived defects in experimental congenital diaphragmatic hernia.

Gene expression of insulin-like growth factor-1 and epidermal growth factor is downregulated in the heart of rats with nitrofen-induced diaphragmatic hernia.

Human health effects of dioxins: cancer, reproductive and endocrine system effects.

Impaired ovulation by 2,3,7,8 tetrachlorodibenzo-p-dioxin (TCDD) in immature rats treated with equine chorionic gonadotropin.

The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on weight gain and hepatic ethoxyresorufin-o-deethylase (EROD) induction vary with ovarian hormonal status in the immature gonadotropin-primed rat model.

Tampons, dioxins, and endometriosis.

Occupational exposures to metals, solvents and pesticides: recent evidence on male reproductive effects and biological markers.

Dioxin exposure and public health in Chapaevsk, Russia.

Absence of estrogen receptor-alpha expression in human ovarian clear cell adenocarcinoma compared with ovarian serous, endometrioid, and mucinous adenocarcinoma.

Structural immaturity of the heart in congenital diaphragmatic hernia in rats.

Correlation of cardiotoxicity mediated by halogenated aromatic hydrocarbons to aryl hydrocarbon receptor activation.

[Prognostic indexes derived from ventricular morphology in congenital diaphragmatic hernia induced by nitrofen].

Oxygen-induced vasodilation is blunted in pulmonary arterioles from fetal rats with nitrofen-induced congenital diaphragmatic hernia.

Maternal exposure to a low dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) suppressed the development of reproductive organs of male rats: dose-dependent increase of mRNA levels of 5alpha-reductase type 2 in contrast to decrease of androgen receptor in the pubertal ventral prostate.

Androgen receptor antagonism by the organophosphate insecticide fenitrothion.

BAPS prize-1999: Lung growth induced by prenatal tracheal occlusion and its modifying factors: a study in the rat model of congenital diaphragmatic hernia.

2,3,7,8-tetrachlorodibenzo-p-dioxin decreases responsiveness of the hypothalamus to estradiol as a feedback inducer of preovulatory gonadotropin secretion in the immature gonadotropin-primed rat.

Final report on the safety assessment of *Juniperus communis* Extract, *Juniperus oxycedrus* Extract, *Juniperus oxycedrus* Tar, *Juniperus phoenicea* extract, and *Juniperus virginiana* Extract.

Human arylhydrocarbon receptor repressor (AHRR) gene: genomic structure and analysis of polymorphism in endometriosis.

Serum levels of TCDD and dioxin-like chemicals in Rhesus monkeys chronically exposed to dioxin: correlation of increased serum PCB levels with endometriosis.

Involvement of ADAM9 in multinucleated giant cell formation of blood monocytes.

Current status of fertility control methods in India.

2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) inhibition of coronary development is preceded by a decrease in myocyte proliferation and an increase in cardiac apoptosis.

Efficient in vitro plant regeneration from immature zygotic embryos of pearl millet [*Pennisetum glaucum* (L.) R. Br.] and *Sorghum bicolor* (L.) Moench.

Effect of dioxin on ovarian function in the cynomolgus macaque (*M. fascicularis*).

Protection of sodium arsenite-induced ovarian toxicity by coadministration of L-ascorbate (vitamin C) in mature wistar strain rat.

Alterations in follicle development, steroidogenesis, and gonadotropin receptor binding in a model of ovulatory blockade.

Effects of environmental antiandrogens on reproductive development in experimental animals.

Leaf optical properties in higher plants: linking spectral characteristics to stress and chlorophyll concentration.

Increased tumor necrosis factor-alpha production by peripheral blood leukocytes from TCDD-exposed rhesus monkeys.

Long-term toxic impact of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the reproduction, sexual differentiation, and development of different life stages of *Gobiocypris rarus* and *Daphnia magna*.

Efficient production of androgenic doubled-haploid mutants in barley by the application of sodium azide to anther and microspore cultures.

Sulfated glycoconjugates are powerful modulators of bovine sperm adhesion and release from the oviductal epithelium in vitro.

Inhibitors of mitochondrial ATP production at the time of compaction improve development of in vitro produced porcine embryos.

Role of prolactin in chloro-S-triazine rat mammary tumorigenesis.

The effect of atrazine on puberty in male wistar rats: an evaluation in the protocol for the assessment of pubertal development and thyroid function.

Evaluation of dietary and environmental risk factors for hyperthyroidism in cats.

Modifications of the topical Japanese medaka (*Oryzias latipes*) embryo larval assay for assessing developmental toxicity of pentachlorophenol and p, p'-dichlorodiphenyltrichloroethane.

Effects of in utero exposure to linuron on androgen-dependent reproductive development in the male CrI:CD(SD)BR rat.

Roundup inhibits steroidogenesis by disrupting steroidogenic acute regulatory (StAR) protein expression.

Cellular and molecular mechanisms of action of linuron: an antiandrogenic herbicide that produces reproductive malformations in male rats.

Differential modulation of catecholamines by chlorotriazine herbicides in pheochromocytoma (PC12) cells in vitro.

In vitro studies of cellular and molecular developmental toxicity of adjuvants, herbicides, and fungicides commonly used in Red River Valley, Minnesota.

Estrogen reduces acute striatal dopamine responses in vivo to the neurotoxin MPP+ in female, but not male rats.

[Pentachlorophenol poisoning. Report of 4 cases and review of the literature].

Occupation and prostate cancer risk in Sweden.

Recent advances in understanding the pathogenesis of nitrofen-induced congenital diaphragmatic hernia.

Safety evaluation and risk assessment of the herbicide Roundup and its active ingredient, glyphosate, for humans.

[Pesticide poisoning].

Atrazine disrupts the hypothalamic control of pituitary-ovarian function.

Uptake, toxicity, and effects on detoxication enzymes of atrazine and trifluoroacetate in embryos of zebrafish.

Disorders of male rat reproductive tract under the influence of atrazine.

Copper chaperone for superoxide dismutase is essential to activate mammalian Cu/Zn superoxide dismutase.

Antenatal dexamethasone enhances endothelin receptorB expression in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats.

Antenatal dexamethasone improves atrial natriuretic peptide receptors in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats.

Preliminary results on embryo rescue for circumventing hybridization barriers in *Asparagus*.

Conjugation of 1-naphthol in primary cell cultures of rat ovarian cells.

Bovine embryo culture in vitro: new developments and post-transfer consequences.

Antenatal dexamethasone administration increases fetal lung DNA synthesis and RNA and protein content in nitrofen-induced congenital diaphragmatic hernia in rats.

Prenatal dexamethasone rescues heart hypoplasia in fetal rats with congenital diaphragmatic hernia.

Environmental factors in infertility.

Nonspecific stimulation of the maternal immune system. I. Effects On teratogen-induced fetal malformations.

Structure of the primordial diaphragm and defects associated with nitrofen-induced CDH.

Lung hypoplasia in the nitrofen model of congenital diaphragmatic hernia occurs early in development.

Association of the human papillomavirus type 11 E1()E4 protein with cornified cell envelopes derived from infected genital epithelium.

Antenatal dexamethasone enhances surfactant protein synthesis in the hypoplastic lung of nitrofen-induced diaphragmatic hernia in rats.

Heart-related indices in experimental diaphragmatic hernia.

Ovarian tumors in rats induced by chronic 2,3,7,8-tetrachlorodibenzo-p-dioxin treatment.

Effect of prenatal tetrandrine therapy on pulmonary vascular structural remodeling in the nitrofen-induced CDH rat model.

Experts' assessment of probability and level of pesticide exposure in agricultural workers.

In vivo, in utero microscopic magnetic resonance imaging: application in a rat model of diaphragmatic hernia.

Subchronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin modulates the pathophysiology of endometriosis in the cynomolgus monkey.

Reproductive, neuroendocrine, and immune consequences of acute exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in the Siberian hamster.

Mechanisms of inhibitory aryl hydrocarbon receptor-estrogen receptor crosstalk in human breast cancer cells.

In vitro effects of growth factors on lung hypoplasia in a model of congenital diaphragmatic hernia.

Down-regulation of thyroid transcription factor-1 gene expression in fetal lung hypoplasia is restored by glucocorticoids.

Interaction of estradiol and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in an ovulation model: evidence for systemic potentiation and local ovarian effects.

Effect of CGS 26303, an endothelin-converting enzyme-neutral endopeptidase inhibitor, on nitrofen-induced congenital diaphragmatic hernia in the rat.

Seveso Women's Health Study: a study of the effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on reproductive health.

Toxicity of chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin in diethylnitrosamine-initiated ovariectomized rats implanted with subcutaneous 17 beta-estradiol pellets.

Expression of dioxin-related transactivating factors and target genes in human eutopic endometrial and endometriotic tissues.

Dual-hit hypothesis explains pulmonary hypoplasia in the nitrofen model of congenital diaphragmatic hernia.

Chemokine receptors CXCR-1/2 activate mitogen-activated protein kinase via the epidermal growth factor receptor in ovarian cancer cells.

Effect of TCDD on maternal toxicity and chorionic gonadotropin--bioactivity in the immediate post-implantation period of macaque.

Neurokinin-1 (NK-1) receptor is required in antigen-induced cystitis.

Effect of hyperoxia on surfactant protein gene expression in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats.

Antenatal dexamethasone administration inhibits smooth-muscle-cell DNA synthesis in pulmonary-arterial media in nitrofen-induced congenital diaphragmatic hernia in rats.

The hypoplastic heart in congenital diaphragmatic hernia: reduced expression of basic fibroblast growth factor and platelet-derived growth factor.

Cell proliferation and apoptosis in experimental lung hypoplasia.

Early lung malformations in congenital diaphragmatic hernia.

Administration of antenatal glucocorticoids upregulates peptide growth factor gene expression in nitrofen-induced congenital diaphragmatic hernia in rats.

[Effects of endocrine disruptors on preimplantation embryo development].

Sodium tetraborate effects on mortality and reproduction of *Anastrepha suspensa* (Diptera: Tephritidae).

Anti-estrogenic effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse uterus: critical role of the aryl hydrocarbon receptor in stromal tissue.

Tissue disposition of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in maternal and developing long-evans rats following subchronic exposure.

Hemodynamic dysfunction and cytochrome P4501A mRNA expression induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin during embryonic stages of lake trout development.

Physiological role of the aryl hydrocarbon receptor in mouse ovary development.

Signal transduction mechanisms linking increased extracellular calcium to proliferation in ovarian surface epithelial cells.

Cellular and biochemical mechanisms by which environmental oestrogens influence reproductive function.

Gonadotropin-releasing hormone (GnRH) partially reverses the inhibitory effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on ovulation in the immature gonadotropin-treated rat.

Genotype screening for proliferative embryogenesis and biolistic transformation of short-season soybean genotypes.

Effects of polychlorinated dibenzofurans, biphenyls, and their mixture with dibenzo-p-dioxins on ovulation in the gonadotropin-primed immature rat: support for the toxic equivalency concept.

Seminal plasma reduces exogenous oxidative damage to human sperm, determined by the measurement of DNA strand breaks and lipid peroxidation.

Immunization of chickens with quail and turkey perivitelline membrane proteins: production of antibodies and their effects on fertility.

Acute administration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in pregnant Long Evans rats: association of measured tissue concentrations with developmental effects.

Heparin and in-vitro experimental lung hypoplasia.

Effect of inhibitors and uncouplers of oxidative phosphorylation during compaction and blastulation of bovine embryos cultured in vitro.

Antioxidative effect of melatonin on human spermatozoa.

In vitro fertilization after in vivo treatment of rats with three reproductive toxicants.

Estrogen enhances induction of cytochrome P-4501A1 by 2,3,7, 8-tetrachlorodibenzo-p-dioxin in liver of female Long-Evans rats.

Thyroid function and effects on reproduction in ewes exposed to the organochlorine pesticides lindane or pentachlorophenol (PCP) from conception.

Nitrofen-induced congenital malformations of the heart and great vessels in rats: an animal model.

The mammary tumor response in triazine-treated female rats: a threshold-mediated interaction with strain and species-specific reproductive senescence.

An assessment of fertility in male workers exposed to molinate.

Pentachlorophenol exposure in women with gynecological and endocrine dysfunction.

Maternal and developmental toxicity of halogenated 4'-nitrodiphenyl ethers in mice.

A risk characterization for atrazine: oncogenicity profile.

Endocrine and reproductive function in ewes exposed to the organochlorine pesticides lindane or pentachlorophenol.

Disposition of pesticides and toxicants in the human reproductive system in cases of acute poisoning.

[Effect of 2,4-D ecotoxicants on spermatogenesis and fertility of albino rats].

Endocrine, immune, and behavioral effects of aldicarb (carbamate), atrazine (triazine) and nitrate (fertilizer) mixtures at groundwater concentrations.

Administration of potentially antiandrogenic pesticides (procymidone, linuron, iprodione, chlozolinate, p,p'-DDE, and ketoconazole) and toxic substances (dibutyl- and diethylhexyl phthalate, PCB 169, and ethane dimethane sulphonate) during sexual differentiation produces diverse profiles of reproductive malformations in the male rat.

Vitamin A decreases the incidence and severity of nitrofen-induced congenital diaphragmatic hernia in rats.

Evidence for oestrogen receptor alpha-immunoreactivity in gonadotrophin-releasing hormone-expressing neurones.

Evidence for extensive distribution of oestrogen receptor alpha-immunoreactivity in the cerebral cortex of adult rats.

Expression of Ah receptor and dioxin-related genes in human uterine endometrium in women with or without endometriosis.

[Absence of cardiac hypoplasia in an experimental model of congenital diaphragmatic hernia].

Risk of stomach cancer associated with 12 workplace hazards: analysis of death certificates from 24 states of the United States with the aid of job exposure matrices.

Skeletal malformations associated with congenital diaphragmatic hernia: experimental and human studies.

Effect of prenatal exposure to TCDD on the promotion of endometriotic lesion growth by TCDD in adult female rats and mice.

Antenatal dexamethasone suppresses tumor necrosis factor-alpha expression in hypoplastic lung in nitrofen-induced diaphragmatic hernia in rats.

Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) severely alters reproductive function of female hamster offspring.

Inhibition of BRCA-1 expression by benzo[a]pyrene and its diol epoxide.

Cardiovascular malformations in congenital diaphragmatic hernia: human and experimental studies.

Teratogenic response to arsenite during neurulation: relative sensitivities of C57BL/6J and SWV/Fnn mice and impact of the splotch allele.

[Small handbook of dioxin et alias].

Cardiovascular malformations in experimental congenital diaphragmatic hernia.

Fetal tracheal occlusion in the rat model of nitrofen-induced congenital diaphragmatic hernia.

Maternal occupational exposure to chemical substances and the risk of infants small-for-gestational-age.

Toxic equivalency factors of polychlorinated dibenzo-p-dioxins in an ovulation model: validation of the toxic equivalency concept for one aspect of endocrine disruption.

BPD-MA-mediated photosensitization in vitro and in vivo: cellular adhesion and beta1 integrin expression in ovarian cancer cells.

Biochemistry of hemlock (*Conium maculatum* L.) alkaloids and their acute and chronic toxicity in livestock. A review.

Increased tropoelastin and procollagen expression in the lung of nitrofen-induced diaphragmatic hernia in rats.

Heart hypoplasia in experimental congenital diaphragmatic hernia.

Cancer incidence in a cohort of licensed pesticide applicators in Florida.

[Oxidative injury and its defense system in vivo].

Relationships between environmental organochlorine contaminant residues, plasma corticosterone concentrations, and intermediary metabolic enzyme activities in Great Lakes herring gull embryos.

Endocrine biomarkers of early fetal loss in cynomolgus macaques (*Macaca fascicularis*) following exposure to dioxin.

The genetics of endometriosis.

The potential role of environmental toxins in the pathophysiology of endometriosis.

Lung hypoplasia caused by nitrofen is mediated by down-regulation of thyroid transcription factor TTF-1.

The tracheobronchial tree is abnormal in experimental congenital diaphragmatic hernia.

Pulmonary neuroendocrine cells in nitrofen-induced diaphragmatic hernia and the effect of prenatal glucocorticoids.

Effect of antenatal glucocorticoid administration on insulin-like growth factor I and II levels in hypoplastic lung in nitrofen-induced congenital diaphragmatic hernia in rats.

Mortality in a cohort of licensed pesticide applicators in Florida.

The physiopathology of endometriosis: pollution and dioxin.

2,3,7,8-Tetrachlorodibenzo-p-dioxin alters cardiovascular and craniofacial development and function in sac fry of rainbow trout (*Oncorhynchus mykiss*).

Effect of exposure to 3,3',4,4',5-pentachlorobiphenyl (PCB 126) throughout gestation and lactation on development and spatial delayed alternation performance in rats.

Prenatal vitamin E treatment improves lung growth in fetal rats with congenital diaphragmatic hernia.

Effects of environmental exposure to polychlorinated biphenyls and dioxins on cognitive abilities in Dutch children at 42 months of age.

Effect of sodium arsenite on plasma levels of gonadotrophins and ovarian steroidogenesis in mature albino rats: duration-dependent response.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) blocks ovulation by a direct action on the ovary without alteration of ovarian steroidogenesis: lack of a direct effect on ovarian granulosa and thecal-interstitial cell steroidogenesis in vitro.

Effects of environmental estrogens on tumor necrosis factor alpha-mediated apoptosis in MCF-7 cells.

Effects of an environmental endocrine disruptor on fetal development, estrogen receptor(alpha) and epidermal growth factor receptor expression in the porcine male genital tract.

Ah receptor and ARNT protein and mRNA concentrations in rat prostate: effects of stage of development and 2,3,7, 8-tetrachlorodibenzo-p-dioxin treatment.

Modulation of excision repair cross complementation group 1 (ERCC-1) mRNA expression by pharmacological agents in human ovarian carcinoma cells.

Apoptosis of the intestinal principal cells of *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Neuroendocrine and reproductive effects of contemporary-use pesticides.

Interactive effects of TCDD and p,p'-DDE on male reproductive tract development in in utero and lactationally exposed rats.

Chronic dietary toxicity study on 2,4-dichlorophenoxybutyric acid in the dog.

The nature of antioxidant defense mechanisms: a lesson from transgenic studies.

Chlorpropham [isopropyl N-(3-chlorophenyl) carbamate] disrupts microtubule organization, cell division, and early development of sea urchin embryos.

Reproductive effects in mink (*Mustela vison*) exposed to the pesticides Lindane, Carbofuran and Pentachlorophenol in a multigeneration study.

[Solid waste and its effect on health (review)].

Molinate: rodent reproductive toxicity and its relevance to humans--a review.

In Vietnam, many congenital anomalies are believed to result from the scattering of defoliants, including dioxin.

Paternal dioxin, preterm birth, intrauterine growth retardation, and infant death.

Chlorinated hydrocarbons in women with repeated miscarriages.

Pulmonary arterioles from rats with congenital diaphragmatic hernias are hypoplastic but not hyperresponsive.

Hypoxic pulmonary vasoconstriction is impaired in rats with nitrofen-induced congenital diaphragmatic hernia.

Effect of dexamethasone on endothelial nitric oxide synthase in experimental congenital diaphragmatic hernia.

Endothelin-1 pulmonary vasoconstriction in rats with diaphragmatic hernia.

Quantitative cancer risk assessment for dioxins using an occupational cohort.

The origin, effects and control of air pollution in laboratories used for human embryo culture.

Expression of ornithine decarboxylase is transiently increased by pollination, 2,4-dichlorophenoxyacetic acid, and gibberellic acid in tomato ovaries.

Inhibitor and temperature effect on catalase in the liver of adult diploid and haploid *Rana rugosa*.

Periplasmic copper-zinc superoxide dismutase protects *Haemophilus ducreyi* from exogenous superoxide.

Paternal exposure to pesticides and congenital malformations.

Effects of in utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on serum androgens and steroidogenic enzyme activities in the male rat reproductive tract.

Differential gene expression at gestational days 14 and 16 in normal and nitrogen-induced hypoplastic murine fetal lungs with coexistent diaphragmatic hernia.

Molecular and functional aspects of the hairless (*hr*) gene in laboratory rodents and humans.

Occupational risk factors for cancer of the gastric cardia. Analysis of death certificates from 24 US states.

Effects of environmental exposure to polychlorinated biphenyls and dioxins on birth size and growth in Dutch children.

Suicide mortality and pesticide use among Canadian farmers.

[Dioxins: current knowledge about health effects].

Cardiac teratogenicity of trichloroethylene metabolites.

Calcitonin gene-related peptide expression is altered in pulmonary neuroendocrine cells in developing lungs of rats with congenital diaphragmatic hernia.

Effects on developmental landmarks and reproductive capability of 3,3',4,4'-tetrachlorobiphenyl and 3,3',4,4',5-pentachlorobiphenyl in offspring of rats exposed during pregnancy.

Administration of antenatal glucocorticoids prevents pulmonary artery structural changes in nitrofen-induced congenital diaphragmatic hernia in rats.

Developmental and reproductive toxicity of inorganic arsenic: animal studies and human concerns.

In utero and lactational exposure of the male rat to 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs prostate development. 2. Effects on growth and cytodifferentiation.

Some aspects of the etiology of non-Hodgkin's lymphoma.

Inhibition of vascular and epithelial differentiation in murine nitrofen-induced diaphragmatic hernia.

The genetics of endometriosis.

Congenital diaphragmatic hernia--does the side of the defect influence the incidence of associated malformations?

Differential display of genes in normal and hypoplastic fetal murine lungs.

Antenatal glucocorticoid therapy suppresses angiotensin-converting enzyme activity in rats with nitrofen-induced congenital diaphragmatic hernia.

Surfactant protein A is decreased in a rat model of congenital diaphragmatic hernia.

Environmental and occupational aspects on the etiology of non-Hodgkin's lymphoma.

Pulmonary vascular balance in congenital diaphragmatic hernia: enhanced endothelin-1 gene expression as a possible cause of pulmonary vasoconstriction.

Effect of prenatal glucocorticoids on pulmonary vascular muscularisation in nitrofen-induced congenital diaphragmatic hernia.

Modulation of ovarian follicle maturation and effects on apoptotic cell death in Holtzman rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in utero and lactationally.

Fertility among a cohort of male sawmill workers exposed to chlorophenolate fungicides.

Xenoendocrine disrupters: laboratory studies on male reproductive effects.

Calreticulin expression in plant cells: developmental regulation, tissue specificity and intracellular distribution.

2,3,7,8-Tetrachlorodibenzo-p-dioxin in pregnant Long Evans rats: disposition to maternal and embryo/fetal tissues.

Transgenic analysis of the cSOD-null phenotypic syndrome in *Drosophila*.

Secretion of a Fungal Extracellular Catalase by *Claviceps purpurea* During Infection of Rye: Putative Role in Pathogenicity and Suppression of Host Defense.

Aryl hydrocarbon receptor activation in genital tubercle, palate, and other embryonic tissues in 2,3,7,8-tetrachlorodibenzo-p-dioxin-responsive lacZ mice.

Responsiveness of the adult male rat reproductive tract to 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure: Ah receptor and ARNT expression, CYP1A1 induction, and Ah receptor down-regulation.

Somatic embryogenesis in *Arabidopsis thaliana* is facilitated by mutations in genes repressing meristematic cell divisions.

Reduced fertility in female mice lacking copper-zinc superoxide dismutase.

Involvement of protein-tyrosine phosphorylation and dephosphorylation in sperm-induced *Xenopus* egg activation.

Accumulation of ascorbate by endocrine-regulated and glucose-sensitive transport of dehydroascorbic acid in luteinized rat ovarian cells.

Comparative toxicology of borates.

Effects of pesticides and toxic substances on behavioral and morphological reproductive development: endocrine versus nonendocrine mechanisms.

Male pesticide exposure and pregnancy outcome.

A review of epidemiologic studies of triazine herbicides and cancer.

Evaluation of the mutagenicity of acetochlor to male rat germ cells.

Reproductive efficiency in mink (*Mustela vison*) treated with the pesticides lindane, carbofuran and pentachlorophenol.

Sex-dependent differences in the disposition of 2,4-dichlorophenoxyacetic acid in Sprague-Dawley rats, B6C3F1 mice, and Syrian hamsters.

Pesticides and cancer.

Reproductive and developmental effects of occupational pesticide exposure: the epidemiologic evidence.

A leucine-rich repeat containing receptor-like kinase marks somatic plant cells competent to form embryos.

The ovarian progesterone receptor in the spotted seatrout, *Cynoscion nebulosus*, demonstrates steroid specificity different from progesterone receptors in other vertebrates.

From discovery to eradication of schistosomiasis in Japan: 1847-1996.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces genital dysmorphogenesis in the female rat.

[Epidemiological and clinical findings in congenital heart diseases during the neonatal period. Report on personal cases].

Morphologic characteristics of endometriosis in the mouse model: application to toxicology.

In utero exposure to low doses of 2,3,7,8-tetrachlorodibenzo-p-dioxin alters reproductive development of female Long Evans hooded rat offspring.

Thyroid hormones in the pathogenesis of lung hypoplasia and immaturity induced in fetal rats by prenatal exposure to nitrofen.

Pathogenesis of nitrofen-induced congenital diaphragmatic hernia in fetal rats.

Promotion of endometriosis in mice by polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls.

In utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin: effects on development of the male and female reproductive system of the mouse.

Prenatal hormones alter antioxidant enzymes and lung histology in rats with congenital diaphragmatic hernia.

Alterations to the pituitary-gonadal axis in the peripubertal female rat exposed in utero and through lactation to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Determination of 3D dose distribution from intracavitary brachytherapy of cervical cancer by MRI of irradiated ferrous sulphate gel.

Environmental effects and aquatic organisms: investigations of molecular mechanisms of carcinogenesis.

Inhaled nitric oxide increases survival rates in newborn rats with congenital diaphragmatic hernia.

Expression of the aryl hydrocarbon receptor (AhR) and AhR nuclear translocator during chick cardiogenesis is consistent with 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced heart defects.

Activation of mitogenic signaling by endothelin 1 in ovarian carcinoma cells.

Binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin to AH receptor in placentas from normal versus abnormal pregnancy outcomes.

Pulmonary expression of vascular endothelial growth factor and myosin isoforms in rats with congenital diaphragmatic hernia.

The Canadian Study of Health and Aging: risk factors for vascular dementia.

Dioxin concentrations in women with endometriosis.

Effects of the tyrosine-kinase inhibitor geldanamycin on ligand-induced Her-2/neu activation, receptor expression and proliferation of Her-2-positive malignant cell lines.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and congeners in infants. A toxicokinetic model of human lifetime body burden by TCDD with special emphasis on its uptake by nutrition.

(G586V) substitutions in the alpha 1 and alpha 2 chains of collagen I: effect of alpha-chain stoichiometry on the phenotype of osteogenesis imperfecta?

Detection of hyperdiploidy and breakage affecting the 1cen-1q12 region of cultured interphase human lymphocytes treated with various genotoxic agents.

Continuous exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin inhibits the growth of surgically induced endometriosis in the ovariectomized mouse treated with high dose estradiol.

Early life stage toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish (*Danio rerio*).

Modulation of TCDD-induced fetotoxicity and oxidative stress in embryonic and placental tissues of C57BL/6J mice by vitamin E succinate and ellagic acid.

Somatic embryogenesis and plant regeneration from stem explants of *Moricandia arvensis*.

Factors affecting spermatogenesis in the stallion.

Synergy between cisplatin and an inhibitor of S-adenosylmethionine dependent transmethylation in human ovarian adenocarcinoma cells.

Loss of teratogenic response to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in mice lacking the Ah (dioxin) receptor.

A dose-response analysis of the reproductive effects of a single gestational dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin in male Long Evans Hooded rat offspring.

The soluble hyaluronidase from bull testes is a fragment of the membrane-bound PH-20 enzyme.

Variation in transformation frequencies among six common wheat cultivars through particle bombardment of scutellar tissues.

Correlation of 2,3,7,8-tetrachlorodibenzo-p-dioxin induction of cytochrome P4501A in vascular endothelium with toxicity in early life stages of lake trout.

[Environmental pollutants with hormonal effects. Is estrogen theory a good model?].

Selected lesions of dioxin in laboratory rodents.

Regulation of protein-tyrosine phosphorylation and human sperm capacitation by reactive oxygen derivatives.

Reproductive effects of paternal exposure to chlorophenate wood preservatives in the sawmill industry.

Effect of atrazine on ovarian function in the rat.

New IOM report links agent orange exposure to risk of birth defect in Vietnam vets' children.

Pesticide applicators, biocides, and birth defects in rural Minnesota.

Serum biochemical changes associated with cystic ovarian degeneration in pigs after atrazine treatment.

Toward understanding the developmental anatomy of congenital diaphragmatic hernia.

Embryology of congenital diaphragmatic hernia.

Effects of developmental exposure to indole-3-carbinol or 2,3,7,8-tetrachlorodibenzo-p-dioxin on reproductive potential of male rat offspring.

Prenatal glucocorticoid therapy reverses pulmonary immaturity in congenital diaphragmatic hernia in fetal sheep.

Prenatal hormonal therapy improves pulmonary morphology in rats with congenital diaphragmatic hernia.

Decreased pulmonary nitric oxide synthase activity in the rat model of congenital diaphragmatic hernia.

In ovo 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in three avian species. 2. Effects on estrogen receptor and plasma sex steroid hormones during the perinatal period.

In ovo 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure in three avian species. 1. Effects on thyroid hormones and growth during the perinatal period.

In utero and lactational exposure of female Holtzman rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin: modulation of the estrogen signal.

Variable effects of tyrosine kinase inhibitors on avian osteoclastic activity and reduction of bone loss in ovariectomized rats.

Male sterility in transgenic tobacco plants induced by tapetum-specific deacetylation of the externally applied non-toxic compound N-acetyl-L-phosphinothricin.

Latent effects of pesticides and toxic substances on sexual differentiation of rodents.

Promotion of endometriosis by 2,3,7,8-tetrachlorodibenzo-p-dioxin in rats and mice: time-dose dependence and species comparison.

Detection of human papillomavirus type-16 DNA utilising microtitre-plate based amplification reactions and a solid-phase enzyme-immunoassay detection system.

Prenatal hormonal therapy improves pulmonary compliance in the nitrofen-induced CDH rat model.

Increased oxidative DNA damage in livers of 2,3,7,8-tetrachlorodibenzo-p-dioxin treated intact but not ovariectomized rats.

Therapeutic efficacy of povidone-iodine (Betadine) and dichloroxylenol (Septocid) in Holstein cows affected with endometritis and/or cervicitis.

Lung hypoplasia and surfactant system immaturity induced in the fetal rat by prenatal exposure to nitrofen.

The effects on mammals of pre- and postnatal environmental exposure to PCBS. The Dutch Collaborative PCB/Dioxin Study.

Estrogen receptor and aromatic hydrocarbon receptor in the primate ovary.

Arginase, Arginine Decarboxylase, Ornithine Decarboxylase, and Polyamines in Tomato Ovaries (Changes in Unpollinated Ovaries and Parthenocarpic Fruits Induced by Auxin or Gibberellin).

Effects induced by feeding organochlorine-contaminated carp from Saginaw Bay, Lake Huron, to laying White Leghorn hens. I. Effects on health of adult hens, egg production, and fertility.

Additive interactions between pairs of polybrominated dibenzo-p-dioxin, dibenzofuran, and biphenyl congeners in a rainbow trout early life stage mortality bioassay.

Toxic equivalency factors of polybrominated dibenzo-p-dioxin, dibenzofuran, biphenyl, and polyhalogenated diphenyl ether congeners based on rainbow trout early life stage mortality.

Increased intracellular levels of calcitonin gene-related peptide-like immunoreactivity in pulmonary endocrine cells in an experimental model of congenital diaphragmatic hernia.

NES test performance in a large US Army veteran sample: relationships with both demographic factors and traditional neuropsychological measures.

Characterization of a murine Ahr null allele: involvement of the Ah receptor in hepatic growth and development.

Lipopolysaccharide inhibits in vitro luteinizing hormone-stimulated rat ovarian granulosa cell estradiol but not progesterone secretion.

Phospholipase C in mouse oocytes: characterization of beta and gamma isoforms and their possible involvement in sperm-induced Ca²⁺ spiking.

Potency of a complex mixture of polychlorinated dibenzo-p-dioxin, dibenzofuran, and biphenyl congeners compared to 2,3,7,8-tetrachlorodibenzo-p-dioxin in causing fish early life stage mortality.

Effect of sperm lipid peroxidation on fertilization.

Hormonal regulation of S-adenosylmethionine synthase transcripts in pea ovaries.

Excretion and distribution of ammonia and the influence of boundary layer acidification in embryonic rainbow trout (*Oncorhynchus mykiss*).

Exposure to pentachlorophenol as a possible cause of miscarriages.

Estimating variance functions in developmental toxicity studies.

Toxic effects, at three pH levels, of two reference molecules on common carp embryo.

A full likelihood procedure for analysing exchangeable binary data.

Developmental toxicity and structure-activity relationships of chlorophenols using human embryonic palatal mesenchymal cells.

Paternal serum dioxin and reproductive outcomes among veterans of Operation Ranch Hand.

Epidemiology of atrazine.

Pulmonary endothelial nitric oxide synthase gene expression is decreased in a rat model of congenital diaphragmatic hernia.

Histopathology of postpartum placental sites in mink (*Mustela vison*) exposed to polychlorinated biphenyls or fractions thereof.

Neurological condition in 18-month-old children perinatally exposed to polychlorinated biphenyls and dioxins.

Intestinal rotation in experimental congenital diaphragmatic hernia.

Immunoresponsiveness in endometriosis: implications of estrogenic toxicants.

Differential response of normal and HPV immortalized ectocervical epithelial cells to B[a]P.

erbB-2 oncogene inhibition by geldanamycin derivatives: synthesis, mechanism of action, and structure-activity relationships.

Inhibition of the oncogene product p185erbB-2 in vitro and in vivo by geldanamycin and dihydrogeldanamycin derivatives.

In utero 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) alters reproductive morphology and function in female rat offspring.

Agriculture-related injuries in the parkland region of Manitoba.

Immune system impairment and hepatic fibrosis in mice lacking the dioxin-binding Ah receptor.

Induction of endometriosis in mice: a new model sensitive to estrogen.

Environmental and dietary estrogens and human health: is there a problem?

Exposure to TCDD during development permanently alters reproductive function in male Long Evans rats and hamsters: reduced ejaculated and epididymal sperm numbers and sex accessory gland weights in offspring with normal androgenic status.

Prenatal hormonal therapy improves pulmonary compliance in the nitrofen-induced CDH rat model.

Pulmonary neuroendocrine cells in neonatal rats with congenital diaphragmatic hernia.

Embryonic cell death patterns associated with nitrofen-induced congenital diaphragmatic hernia.

A morphological study of liver lesions in *Xenopus* larvae exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) with special reference to apoptosis of hepatocytes.

Angiotensin-converting enzyme activity is increased in lungs of rats with pulmonary hypoplasia and congenital diaphragmatic hernia.

Plant regeneration from protoplasts of immature *Vigna sinensis* cotyledons via somatic embryogenesis.

Lipopolysaccharide inhibits rat ovarian thecal-interstitial cell steroid secretion in vitro.

Perinatal exposure to polychlorinated biphenyls and dioxins through dietary intake.

Evaluation of the significance of polyamines and their oxidases in the aetiology of human cervical carcinoma.

Reproductive effects in birds exposed to pesticides and industrial chemicals.

Interactions of polychlorinated dibenzo-p-dioxin, dibenzofuran, and biphenyl congeners for producing rainbow trout early life stage mortality.

Reproductive effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in female rats: ovulation, hormonal regulation, and possible mechanism(s).

Rat CYP1B1: an adrenal cytochrome P450 that exhibits sex-dependent expression in livers and kidneys of TCDD-treated animals.

Arginine Decarboxylase and Putrescine Oxidase in Ovaries of *Pisum sativum* L. (Changes during Ovary Senescence and Early Stages of Fruit Development).

Glibenclamide opens ATP-sensitive potassium channels in *Xenopus* oocyte follicular cells during metabolic stress.

Workshop on perinatal exposure to dioxin-like compounds. VI. Role of biomarkers.

Workshop on perinatal exposure to dioxin-like compounds. II. Reproductive effects.

Comparison of the toxicity of cinnamaldehyde when administered by microencapsulation in feed or by corn oil gavage.

Factors affecting mammary tumor incidence in chlorotriazine-treated female rats: hormonal properties, dosage, and animal strain.

Molecular analysis of bivalve tumors: models for environmental/genetic interactions.

Effects of atrazine on reproductive performance in the rat.

Chronic histopathological effects of parathion and 2,4-D on female gonads of *Chasmagnathus granulata* (Decapoda, Brachyura).

Statistical variability: what does it mean in risk assessment?

Phytotoxicity of compost treated with lawn herbicides containing 2,4-D, Dicamba, and MCPP.

Transgenerational, ultrastructural analysis on the antioxidative effects of tocopherol on early gametogenesis in *Caenorhabditis elegans* grown in 100% oxygen.

Glufosinate (phosphinothricin), a natural amino acid with unexpected herbicidal properties.

Possible antiestrogenic properties of chloro-s-triazines in rat uterus.

Short-term effects of chlorotriazines on estrus in female Sprague-Dawley and Fischer 344 rats.

A survey of actinic keratoses among paraquat production workers and a nonexposed friend reference group.

Fertile transgenic wheat from microprojectile bombardment of scutellar tissue.

Effects of polychlorinated biphenyls (PCBs) and dioxins on growth and development.

Alveolar epithelial composition and architecture of the late fetal pulmonary acinus: an immunocytochemical and morphometric study in a rat model of pulmonary hypoplasia and congenital diaphragmatic hernia.

Etiological aspects of congenital diaphragmatic hernia: results of a case comparison study.

Evidence for involvement of tyrosine phosphorylation in taxol-induced apoptosis in a human ovarian tumor cell line.

Partial demasculinization and feminization of sex behavior in male rats by in utero and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin is not associated with alterations in estrogen receptor binding or volumes of sexually differentiated brain nuclei.

Effects of in utero and lactational 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on responsiveness of the male rat reproductive system to testosterone stimulation in adulthood.

Reproductive toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in male rats: different effects of in utero versus lactational exposure.

Deaths from primary brain cancers, lymphatic and haematopoietic cancers in agricultural workers in the Republic of Ireland.

Erythropoietin increases hemoglobin during radiation therapy for cervical cancer.

Iron supplementation in children after cardiopulmonary bypass for surgical repair of congenital heart disease.

Evaluation of lung function changes before and after surfactant application during artificial ventilation in newborn rats with congenital diaphragmatic hernia.

Treatment of deeply infiltrating endometriosis.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced thymic atrophy and lymphocyte stem cell alterations by mechanisms independent of the estrogen receptor.

Dioxin pollution and endometriosis in Belgium.

Possible risk of endometriosis for Seveso, Italy, residents: an assessment of exposure to dioxin.

Assessment of the reproductive and developmental toxicity of pesticide/fertilizer mixtures based on confirmed pesticide contamination in California and Iowa groundwater.

Antenatal glucocorticoid corrects pulmonary immaturity in experimentally induced congenital diaphragmatic hernia in rats.

An epidemic ignored. Endometriosis linked to dioxin and immunologic dysfunction.

2,3,7,8-Tetrachlorodibenzo-p-dioxin reduces the number, size, and organelle content of Leydig cells in adult rat testes.

Phenotypic rescue by a bovine transgene in a Cu/Zn superoxide dismutase-null mutant of *Drosophila melanogaster*.

Developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the most TCDD-resistant and susceptible rat strains.

Induction of a heat shock response (HSP 72) in rat embryos exposed to selected chemical teratogens.

[Prevention of infectious endocarditis].

Dioxin and PCB levels in blood and human milk in relation to living areas in The Netherlands.

Embryotoxic potency of 2,4,5-trichlorophenoxyacetic acid on sea urchin eggs: Association with calcium homeostasis.

Blockade of ovulation in the rat by the fungicide sodium N-methyldithiocarbamate: relationship between effects on the luteinizing hormone surge and alterations in hypothalamic catecholamines.

Cytoskeleton-dependent transport of cytoplasmic particles in previtellogenic to mid-vitellogenic ovarian follicles of *Drosophila*: time-lapse analysis using video-enhanced contrast microscopy.

NTP Toxicology and Carcinogenesis Studies of o-Benzyl-p-Chlorophenol (CAS No. 120-32-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies).

Structural characterization of cytosolic NADP(+)-dependent isocitrate dehydrogenase from rat ovary.

Effects of 2,4-dichlorophenoxyacetic acid butyl ester on chick liver.

Implications for the presence of transforming genes in gonadal tumors in two bivalve mollusk species.

The radiation-sensitive mutant rad-8 of *Caenorhabditis elegans* is hypersensitive to the effects of oxygen on aging and development.

Neurotoxicity of 2,4-dichlorophenoxyacetic butyl ester in chick embryos.

Nitrofen-induced congenital diaphragmatic defects in CD1 mice.

Reproductive risks from contaminants in drinking water.

Investigation of a mechanism for Leydig cell tumorigenesis by linuron in rats.

Lung growth and maturation in the rat model of experimentally induced congenital diaphragmatic hernia.

Ultrastructural features of alveolar epithelial cells in the late fetal pulmonary acinus: a comparison between normal and hypoplastic lungs using a rat model of pulmonary hypoplasia and congenital diaphragmatic hernia.

Cancer in a young population in a dioxin-contaminated area.

Dioxin and endometriosis.

Dioxin tied to endometriosis.

Endometriosis in rhesus monkeys (*Macaca mulatta*) following chronic exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Iron deficiency anemia is not always simple].

TCDD-mediated changes in hepatic epidermal growth factor receptor may be a critical event in the hepatocarcinogenic action of TCDD.

A two-generation reproduction study in rats with methyl bromide-fumigated diets.

AIDS and agricultural production. Report of a land utilization survey, Masaka and Rakai districts of Uganda.

Role of the Ah receptor and the dioxin-inducible [Ah] gene battery in toxicity, cancer, and signal transduction.

Human health effects of agrichemical use.

Relationship between iron-catalysed lipid peroxidation potential and human sperm function.

Nitrofen-induced diaphragmatic hernias in rats: an animal model.

Characterization of the aryl hydrocarbon receptor and aryl hydrocarbon responsiveness in human ovarian carcinoma cell lines.

Biochemical immaturity of lungs in congenital diaphragmatic hernia.

The natural history of congenital diaphragmatic hernia and pulmonary hypoplasia in the embryo.

Cytogenetic studies in lymphocytes of workers exposed to 2,3,7,8-TCDD.

NTP technical report on the toxicity studies of Pesticide/Fertilizer Mixtures Administered in Drinking Water to F344/N Rats and B6C3F1 Mice.

Gap junctions in ovarian follicles of *Drosophila melanogaster*: inhibition and promotion of dye-coupling between oocyte and follicle cells.

A mechanistic model of effects of dioxin on gene expression in the rat liver.

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) accelerates differentiation of murine preimplantation embryos in vitro.

NTP Toxicology and Carcinogenesis Studies of Pentachloroanisole (CAS No. 1825-21-4) in F344 Rats and B6C3F1 Mice (Feed Studies).

Purification and characterization of glutathione S-transferase of murine ovary and testis.

nir1, a conditional-lethal mutation in barley causing a defect in nitrite reduction.

Chlorinated dibenzo-p-dioxins and dibenzofurans and the human immune system. 1. Blood cell receptors in volunteers with moderately increased body burdens.

Process of building biologically based dose-response models for developmental defects.

Nitrofen-induced diaphragmatic hernias in rats: pulmonary antioxidant enzyme activities.

The kidney in the fetal rat model of congenital diaphragmatic hernia induced by nitrofen.

Developmental toxicity of 2,4,5-trichlorophenoxyacetic acid (2,4,5-T). I. Multireplicated dose-response studies in four inbred strains and one outbred stock of mice.

Correlations of developmental end points observed after 2,4,5-trichlorophenoxyacetic acid exposure in mice.

Effect of artificial ventilation on pulmonary antioxidant enzyme activities in a congenital diaphragmatic hernia rat model.

Quantitative analysis of cellular glutathione in early preimplantation mouse embryos developing in vivo and in vitro.

Health effects of military service. Lessons learned from the Vietnam experience.

[Pulmonary surfactant in experimental congenital diaphragmatic hernia].

A comparison of sodium arsenite- and hyperthermia-induced stress responses and abnormal development in cultured postimplantation rat embryos.

Pulmonary vascular abnormalities in experimentally induced congenital diaphragmatic hernia in rats.

Amelioration by BAL (2,3-dimercapto-1-propanol) and DMPS (sodium 2,3-dimercapto-1-propanesulfonic acid) of arsenite developmental toxicity in mice.

In utero and lactational exposure of male rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin. 1. Effects on androgenic status.

In utero and lactational exposure of male rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin. 3. Effects on spermatogenesis and reproductive capability.

In utero and lactational exposure of male rats to 2,3,7,8-tetrachlorodibenzo-p-dioxin. 2. Effects on sexual behavior and the regulation of luteinizing hormone secretion in adulthood.

Antiestrogenic action of 2,3,7,8-tetrachlorodibenzo-p-dioxin: tissue-specific regulation of estrogen receptor in CD1 mice.

Toxicity and reproductive effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in ring-necked pheasant hens.

Mortality of a young population after accidental exposure to 2,3,7,8-tetrachlorodibenzodioxin.

Serum 2,3,7,8-tetrachlorodibenzo-p-dioxin levels of New Zealand pesticide applicators and their implication for cancer hypotheses.

Ewing's bone sarcoma, paternal occupational exposure, and other factors.

[Experimental congenital diaphragmatic hernia with pulmonary hypoplasia in a rat model].

The heat shock response: potential to screen teratogens.

Placental transport of dioxins from mother to fetus. II. PCBs, dioxins and furans and vitamin K metabolism.

Induction of somatic embryogenesis and caulogenesis from cotyledon and leaf protoplast-derived colonies of melon (*Cucumis melo* L.).

Risk, statistical inference, and the law of evidence: the use of epidemiological data in toxic tort cases.

Morbidity study of extruder personnel with potential exposure to brominated dioxins and furans. I. Results of blood monitoring and immunological tests.

The effect of chronic radiation on the humoral immune response of rainbow trout (*Onchorhynchus mykiss* Walbaum).

In-vitro morphogenesis of corn (*Zea mays* L.) : I. Differentiation of multiple shoot clumps and somatic embryos from shoot tips.

[Modification of in vitro motility of human sperm by various dioxin congeners in super-physiologic concentrations].

Reactive oxygen species and human spermatozoa: analysis of the cellular mechanisms involved in luminol- and lucigenin-dependent chemiluminescence.

Activity of oxytocinergic neurons in the paraventricular nucleus mirrors the periodicity of the endogenous stimulatory rhythm regulating prolactin secretion.

Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on benzo(a)pyrene hydroxylase activity in embryos of the Japanese medaka (*Oryzias latipes*).

Prolonged exposure to wood preservatives induces endocrine and immunologic disorders in women.

Phosphoramidate mustard is responsible for the ovarian toxicity of cyclophosphamide.

Age- and sex-related differences in activation of the carcinogen 7-hydroxymethyl-12-methylbenz[a]anthracene to an electrophilic sulfuric acid ester metabolite in rats. Possible involvement of hydroxysteroid sulfotransferase activity.

Long-term effects of chemical disasters. Lessons and results from Seveso.

Gender-related differences in iron absorption by preadolescent children.

Dioxin contamination and growth and development in great blue heron embryos.

Ovarian hormones enhance 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated increases in cell proliferation and preneoplastic foci in a two-stage model for rat hepatocarcinogenesis.

TCDD exposure of human embryonic palatal shelves in organ culture alters the differentiation of medial epithelial cells.

Reproductive toxicity and toxicokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin. 2. Problem of paternally-mediated abnormalities in the progeny of rat.

An exploratory study of environmental and medical factors potentially related to childhood cancer.

Vitamin B12 deficiency and infertility: report of a case.

Glutathione diminishes the anti-tumour activity of 4-hydroperoxycyclophosphamide by stabilising its spontaneous breakdown to alkylating metabolites.

Glucose utilization by sheep embryos derived in vivo and in vitro.

Protection by human serum from the immunosuppression induced by spermine in vitro.

Re: "Triazine herbicides and ovarian epithelial neoplasms" by A Donna, P Crosignani, F Robutti, PG Betta, R Bocca, N Mariani, F Ferrario, R Fissi, F Berrino *Scand J Work Environ Health* 1989.

Biochemical alterations in skeletal muscle induced by 2,4-dichlorophenoxyacetic butyl ester during chick embryonic development.

Ca²⁺ homeostasis alterations induced by 2,4-dichlorophenoxyacetic butyl ester and 2,4-dichlorophenoxyacetic acid on avian skeletal muscle.

Effects of chemically induced maternal toxicity on prenatal development in the rat.

Toxicity of lindane, atrazine, and deltamethrin to early life stages of zebrafish (*Brachydanio rerio*).

[Nature of the estrous cycle, incidence of anovulation, chromosome gametopathies and fetal death in female rats with 2,4-dichlorophenoxyacetic acid (2,4-D) before pregnancy].

[Exposure to agricultural chemicals and oncogenic risk].

[Fertility of workers exposed to herbicides and pesticides].

Nitrofen-induced diaphragmatic hernias in rats: an animal model.

[Various principles of the formation of toxic gaseous pesticide degradation products in the soil].

Pursuit of improbable hypotheses.

Environmental epidemiology of non-Hodgkin's lymphoma in eastern Nebraska.

Chronic effects of arsenic on American red crayfish, *Procambarus clarkii*, exposed to monosodium methanearsonate (MSMA) herbicide.

[Study of the effect of carbathione on embryogenesis in albino rats].

Inhibitory effects of cobalt chloride and cinnamaldehyde on 5-azacytidine-induced digital malformations in rats.

A critical review of the developmental toxicity and teratogenicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin: recent advances toward understanding the mechanism.

Hepatic steatosis in zebra fish (*Brachydanio rerio*) induced by long-term exposure to gamma-hexachlorocyclohexane.

Experimentally induced congenital diaphragmatic hernia in rats.

Radiological "metamorphosis" in a patient with severe congenital osteogenesis imperfecta.

Cornified envelopes in congenital disorders of keratinization.

Pulcherosine, a novel tyrosine-derived, trivalent cross-linking amino acid from the fertilization envelope of sea urchin embryo.

Identification of low molecular weight immunosuppressor molecules in human in vitro fertilization supernatants predictive of implantation as a polyamine--possibly spermine.

Dioxin levels in adipose tissues of hospitalized women living in the south of Vietnam in 1984-89 with a brief review of their clinical histories.

Penetration studies and residue determinations of 2,4-dichlorophenoxyacetic acid butyl ester in fertile hen eggs and chicks hatched from treated eggs.

Null mutation of copper/zinc superoxide dismutase in *Drosophila* confers hypersensitivity to paraquat and reduced longevity.

Triazine herbicides and ovarian epithelial neoplasms.

[Toxicological and hygienic characteristics of sulfocarbathione].

Teratogenic assessment of 2,4-dichlorophenol in Fischer 344 rats.

Fibrinogen Baltimore IV: congenital dysfibrinogenemia with a gamma 275 (Arg----Cys) substitution.

2,3,7,8-Tetrachlorodibenzo-p-dioxin-induced porphyria in genetically inbred mice: partial antagonism and mechanistic studies.

A survey of the concentration of 19-OH F1 alpha/F2 alpha prostaglandins in the semen of fertile, infertile and vasectomized men and their stability in both liquid semen and semen stains.

A lethal variant of osteogenesis imperfecta has a single base mutation that substitutes cysteine for glycine 904 of the alpha 1(I) chain of type I procollagen. The asymptomatic mother has an unidentified mutation producing an overmodified and unstable type I procollagen.

Identification of aneuploidy-inducing agents using cytokinesis-blocked human lymphocytes and an antikinetochore antibody.

Reproductive toxicity and pharmacokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin. 1. Effects of high doses on the fertility of male rats.

Correlation of spermine levels with ovary senescence and with fruit set and development in *Pisum sativum* L.

Microspore mutagenesis and selection: Canola plants with field tolerance to the imidazolinones.

Effects of low insulin levels on rat embryonic growth and development.

The use of multiple endpoints to define the mechanism of action of reproductive toxicants and germ cell mutagens.

The value of multiple endpoint data in male reproductive toxicology: revelations in the rat.

Health and reproductive outcomes among American Legionnaires in relation to combat and herbicide exposure in Vietnam.

Reproductive behaviour and consistent patterns of abnormality in offspring of Vietnam veterans.

Functional teratogens of the rat kidney. II. Nitrofen and ethylenethiourea.

Steroid hormones and medications that alter cancer risks.

A case-control study of brain gliomas and occupational exposure to chemical carcinogens: the risk to farmers.

Characterization and immunoassay of human tumor-associated galactosyltransferase isoenzyme II.

Effect of D,L-alpha-difluoromethyl ornithine on cleft palate induced by the TCDD congener, 3,3',4,4'-tetrachloroazoxybenzene, in the fetuses of mice.

Reproductive outcomes of mothers with potential exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin.

[Health survey on morbidity and accidents in various productive agricultural sectors].

The significance of the dilated renal pelvis in the nitrofen-exposed rat fetus: effects on morphology and function.

Increase of daunorubicin and vincristine accumulation in multidrug resistant human ovarian carcinoma cells by a monoclonal antibody reacting with P-glycoprotein.

Single amino acid substitutions in the reactive site of antithrombin leading to thrombosis. Congenital substitution of arginine 393 to cysteine in antithrombin Northwick Park and to histidine in antithrombin Glasgow.

Birth defects in the Seveso area after TCDD contamination.

cis-Diamminedichloroplatinum(II) accumulation in sensitive and resistant human ovarian carcinoma cells.

Plant regeneration from somatic embryogenic suspension cultures of cotton (*Gossypium hirsutum* L.).

Characterization of an apparently lower molecular weight gamma-chain variant in fibrinogen Kyoto I. The replacement of gamma-asparagine 308 by lysine which causes accelerated cleavage of fragment D1 by plasmin and the generation of a new plasmin cleavage site.

An apparently higher molecular weight gamma-chain variant in a new congenital abnormal fibrinogen Tochigi characterized by the replacement of gamma arginine-275 by cysteine.

Effects of sodium azide on sea urchin embryos and gametes.

A flowthrough fecundity test with *Nitocra spinipes* (Harpacticoidea Crustacea) for aquatic toxicity.

Vulnerability of myelin development of the chick to the herbicide 2,4-Dichlorophenoxyacetic butyl ester.

A two-generation reproduction-fertility study of cyanamide in the rat.

Protection of rat embryos in culture against the embryotoxicity of acrolein using exogenous glutathione.

Enhancement of the embryotoxicity of acrolein, but not phosphoramidate mustard, by glutathione depletion in rat embryos in vitro.

[Congenital malformations in Sweden].

Effect of tridiphane on reproductive parameters in Fischer 344 rats.

Teratogenic potential of purified pentachlorophenol and pentachloroanisole in subchronically exposed Sprague-Dawley rats.

Regulation of hepatic sulfotransferase catalyzing the activation of N-hydroxyarylamide and N-hydroxyarylamine by growth hormone.

In vivo and in vitro interactions of TCDD and other ligands of the Ah-receptor: effect on embryonic and fetal tissues.

Teratogenic effects of polychlorinated dibenzofurans in combination in C57BL/6N mice.

Embryotoxicity and fetotoxicity of orally administered tridiphane in mice and rats.

Health effects of pesticides: a review of epidemiologic research from the perspective of developing nations.

[Chlorazone for improving the oxygenation of newborn infants with congenital diaphragmatic hernia (a preliminary study)].

Dose-dependent elevation of Ah receptor binding by TCDD in rat liver.

Induction of Fertilization Membrane Formation and Cyanide-insensitive Respiration in Sea Urchin Eggs by the Treatment with Dimethylsulfoxide Followed by an Incubation in an Ice Bath (dimethylsulfoxide/sea urchin egg/fertilization membrane/respiration/verapamil).

Examination of heat shock protein mRNA accumulation in early *Xenopus laevis* embryos.

Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic and uterine estrogen receptor levels in rats.

Mechanisms of 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin (HpCDD)-induced humoral immune suppression: evidence of primary defect in T-cell regulation.

[The degree of toxicity of the combined effects of chlorophenoxy derivative herbicides on reproductive function of warm-blooded animals, and the problems of their hygienic regulation].

The embryoletality and teratogenicity of acrolein in cultured rat embryos.

The Agent Orange controversy after the Evatt Royal Commission.

Health effects of phenoxy herbicides. A review.

Occupation-related male infertility: a review.

[Various aspects of the hygiene and toxicology of the herbicide sangor].

Paternal contributions to birth defects.

Review of recent Vietnamese studies on the carcinogenic and teratogenic effects of phenoxy herbicide exposure.

Effects on the fetus of maternal nitrofen exposure in the protein-deprived rat.

Attenuation of cytogenetic damage by 2-mercaptoethanesulfonate in cultured human lymphocytes exposed to cyclophosphamide and its reactive metabolites.

Copper ions and hydrogen peroxide form hypochlorite from NaCl thereby mimicking myeloperoxidase.

Strain differences in response of Sprague-Dawley and Long Evans Hooded rats to the teratogen nitrofen.

Chronic hypoxaemia and decompensated erythrocytosis in cyanotic congenital heart disease.

[Effect of environmental pollutants on the spermatogram].

Phenotypic change from transformed to normal induced by benzoquinonoid ansamycins accompanies inactivation of p60src in rat kidney cells infected with Rous sarcoma virus.

Synergistic interaction of 2,3,7,8,-tetrachlorodibenzo-p-dioxin and hydrocortisone in the induction of cleft palate in mice.

Evaluation of the reproductive toxicology of 2,4,6-trichlorophenol in male and female rats.

The heat-shock response in vivo: experimental induction during mammalian organogenesis.

Respiration in Eggs of the Echiuroid, *Urechis unicinctus*, Before and After Fertilization: echiuroid eggs/fertilization/respiration/redox dyes/uncoupler of oxidative phosphorylation.

In vivo and in vitro evaluations of spermatotoxicity induced by 2-ethoxyethanol treatment.

Intracellular site of "Ca reversal": inhibition of uterine smooth muscle contraction in Ca-free medium by a minute amount of Ca ion released from mitochondria by drugs.

Effects of estradiol and progesterone on immunoreactive forms of hypothalamic luteinizing hormone-releasing hormone.

Herbicides and congenital malformations: a review for the paediatrician.

[Mechanism of the embryotropic action of 2,4-dichlorophenoxyacetic acid].

Chick brain hypomyelination produced by 2,4-dichlorophenoxyacetic butyl ester treatment.

Congenital glaucoma and retinal dysplasia.

Possible dioxin poisoning in cattle.

Vietnam veterans risk for fathering children with birth defects.

Teratogenicity and embryoletality of acrolein and structurally related compounds in rats.

A follow-up study of cancer incidence among workers in manufacture of phenoxy herbicides in Denmark.

Effects of the cyclophosphamide metabolite acrolein in mammalian limb bud cultures.

The postnatal effects of prenatal exposure to low doses of nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether) in Sprague-Dawley rats.

[Comparative gonadotoxic effect of maloran in laboratory animals after its administration by different routes].

[Embryotropic effect of fenuron].

Neurotoxicity of diallate and triallate when administered orally or topically to hens.

The science of teratology in a regulatory setting.

Evaluation of chromosomal damage in males exposed to agent orange and their families.

Occupational exposures associated with male reproductive dysfunction.

Iron deficiency anemia and educational achievement.

Chloracne, "the hallmark of dioxin intoxication".

Hair and fingernail changes in acquired and congenital pernicious anemia.

Toxic interaction of specific polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin: increased incidence of cleft palate in mice.

[Evaluation of the cytotoxicity of solutions on pure cultures of mouse "NM" fibroblasts and ovarian carcinoma cells].

Amino acid sequence of an egg-lysin protein from abalone spermatozoa that solubilizes the vitelline layer.

Ribulose-1,5-bisphosphate carboxylase and fruit set or degeneration of unpollinated ovaries of *Pisum sativum* L.

Selective depression of thymus-independent anti-DNP antibody responses induced by adult but not neonatal splenectomy.

Phosphorylation of sea urchin sperm H1 and H2B histones precedes chromatin decondensation and H1 exchange during pronuclear formation.

Activation of Na⁺-dependent transport at fertilization in the sea urchin: requirements of both an early event associated with exocytosis and a later event involving increased energy metabolism.

Interactions between ATP and cholesterol side-chain cleavage in mitochondria isolated from superovulated rat ovaries.

Vietnam and birth defects.

Vietnam veterans' risks for fathering babies with birth defects.

Vietnam veterans' risks for fathering babies with birth defects.

[Embryotoxic effect of diuron in animal experiments].

Ovarian mesothelial tumors and herbicides: a case-control study.

The antispermatogenic effect and toxicity of 2, 4-dinitro-6-tert-butylphenyl methanesulfonate on Sprague-Dawley rat.

Does Agent Orange cause birth defects?

Severe mental retardation and multiple congenital anomalies of uncertain cause after extreme parental exposure to 2,4-D.

Oral intubation of dogs with combinations of fertilizer, herbicide, and insecticide chemicals commonly used on lawns.

The effect of the phenoxyacetic acid herbicides 2,4,5-trichlorophenoxyacetic acid and 2,4-dichlorophenoxyacetic acid as ascertained by direct experimentation.

Organ and cellular distribution of inhaled metallic mercury in the rat and Marmoset monkey (*Callithrix jacchus*): influence of ethyl alcohol pretreatment.

Frequency of reproductive dysfunction in Hawaii by race and judicial district 1968-1982.

Toxic agent and radiation control: meeting the 1990 objectives for the nation.

Teratogenicity of 2,3,7,8-tetrachlorodibenzofuran in BXD recombinant inbred strains.

Teratogenicity of TCDD and the congener 3,3',4,4'-tetrachloroazoxybenzene in sensitive and nonsensitive mouse strains after reciprocal blastocyst transfer.

Glucose-6-phosphate-dehydrogenase-deficient erythrocytes have an impaired shape recovery mechanism.

Teratological studies on the TCDD congener 3,3',4,4'-tetrachloroazoxybenzene in sensitive and nonsensitive mouse strains: evidence for direct effect on embryonic tissues.

Experimental study on embryogenesis of congenital diaphragmatic hernia.

Teratogenicity of 2,3,7,8-tetrachlorodibenzofuran in the mouse.

Mechanism of environmental agents by class associated with adverse female reproductive outcome.

Occupational influences on male fertility and sexuality. I.

Localized surface antigens of guinea pig sperm migrate to new regions prior to fertilization.

Altered levels of a 5 S gene-specific transcription factor (TFIIIA) during oogenesis and embryonic development of *Xenopus laevis*.

Respiration during Postharvest Development of Soursop Fruit, *Annona muricata* L.

Sustained Photoproduction of Ammonia from Dinitrogen and Water by the Nitrogen-Fixing Cyanobacterium *Anabaena* sp. Strain ATCC 33047.

Teratogenicity of nitrofen (2,4-dichloro-4'-nitrodiphenyl ether) and its effects on thyroid function in the rat.

The use of in vitro methods for assessing reproductive toxicity. Dichlorophenols.

Effects of ovariectomy and estradiol administration on the adrenal macrophage system of the rat.

Nitrofen: a review and perspective.

The effect of nitrofen [4-(2,4-dichlorophenoxy)nitrobenzene] on the reproductive performance of male rats.

Population ecology of rotifers as a bioassay tool for ecotoxicological tests in aquatic environments.

Agent Orange and birth defects.

Chronic intoxication by an herbicide, 2,4,5-trichlorophenoxyacetic acid, in the pond snail, *Lymnaea stagnalis* L.

Maternal exposure to environmental chemicals and the aetiology of teratogenesis.

Teratogens and the male. An analysis with special reference to herbicide exposure.

Fish and amphibian embryos--a model system for evaluating teratogenicity.

Congenital malformations and agricultural workers.

[Comparative studies on the embryotoxicity of 2-methyl-4-chlorophenoxyacetic acid, mecoprop and dichlorprop in NMRI mice].

Health protection: Toxic agent and radiation control.

Clusters of malformations in Sweden: a study with central registers.

Anencephaly: agent orange implications?

Usefulness of abrin as a positive control for the human tumor clonogenic assay.

Relative mutagenicity and teratogenicity of cyclophosphamide and two of its structural analogs.

Stimulation of Unfertilized Eggs of the Echiuroid, *Urechis unicinctus* by Polyamines: (echiuroid eggs/parthenogenesis/polyamines/spermine/spermidine).

Change in the Respiratory Rate of Sea Urchin Spermatozoa following Sperm-egg Interaction in the Absence of Mg(2+) : (sea urchin/sperm-egg interaction/Mg(2+) free sea water/sperm respiration).

Isophosphoramidate mustard, a metabolite of ifosfamide with activity against murine tumours comparable to cyclophosphamide.

Hippuric acid and o-cresol in the urine of workers exposed to toluene.

Congenital defects and miscarriages among New Zealand 2, 4, 5-T sprayers.

Hatching and lipid composition of chicks brain from eggs treated with 2,4-dichlorophenoxyacetic butyl ester.

Reproductive toxicity of environmental agents.

Mutagenicity studies with 2,4,5-T on bacteria and mammalian germ cells.

Effects of transplacental exposure to chlorinated phenols.

[Middle cerebral artery occlusion with Moyamoya phenomenon.--2nd report: report of an autopsy case].

Gliomas and occupational exposure to carcinogens: case-control study.

TCDD embryotoxicity in the mouse may be enhanced by beta-naphthoflavone, another ligand of the Ah-receptor.

Survey of reproductive events of wives of employees exposed to chlorinated dioxins.

[Localization of *Campylobacter foetus* in genital organs of cows and its sensitivity to antibiotics and chemotherapeutic agents].

The type of collagen made by the articular cartilage in joints of dogs with degenerative joint disease.

Immunocytochemical and ultrastructural identification of mitotic cells in the pituitary gland of ovariectomized rats.

Inhibition of Respiration in Sea Urchin Spermatozoa following Interaction with Fixed Unfertilized Eggs VI. Probable Difference between the Species in the Mechanism for the Fixed-Egg-Induced Inhibition of Sperm Respiration: (respiration/sperm/sea urchin/carnitine/sperm-egg interaction).

Embryotoxicity of 3,3',4,4'-tetrachloroazobenzene and 3,3',4,4'-tetrachloroazoxybenzene in the chick embryo.

Male fertility, sister chromatid exchange, and germ cell toxicity following exposure to mixtures of chlorinated phenoxy acids containing 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Effects of pesticides on soil microflora using dalapon as an example.

Target organ toxicity: endocrine system. Introductory remarks: the testis.

Preliminary report of reproductive outcomes among pesticide applicators using 2,4,5-T.

Three-generation reproduction study of rats ingesting 2,4,5-trichlorophenoxyacetic acid in the diet.

Agent Orange toxicity: a quantitative perspective.

[Assessment of the potential risk for progeny in work with endodan (experimental studies)].

[Embryotropic action of the triazine herbicide polyzin 50].

[Field study of workers with longterm exposure to calcium cyanamide (author's transl)].

The heart and diaphragm: target organs in the neonatal death induced by nitrofen (2,4-dichlorophenyl-p-nitrophenyl ether).

Cardiovascular teratogenicity of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin in the chick embryo.

Testing of selected workplace chemicals for teratogenic potential.

Carboxy-terminal amino acid sequence of a human fibrinogen gamma-chain variant (gamma').

Infecundity and dominant lethal mutations induced in *Musca domestica* L. by sodium azide (NaN₃).

Hormone-cytoplasmic interactions controlling sperm nuclear decondensation and male pronuclear development in starfish oocytes.

[Trial of a new spermatocidal agent in suppository form with local disinfectant action].

2,4,5-T use and congenital malformation rates in Hungary.

Report to the Minister of Health of an investigation into allegations of an association between human congenital defects and 2,4,5-T spraying in and around Te Kuiti.

The embryotoxicity of the cyclophosphamide metabolite acrolein in rabbits, tested in vivo by i.v. injection and by the yolk-sac method.

[Nature of cytogenetic and morphologic disorders in rat oogenesis and embryogenesis induced by chloridin and 2,4,5-trichlorophenoxyacetic acid during the preovulatory phase of meiosis].

Congenital hypothalamic hamartoblastoma, hypopituitarism, imperforate anus and postaxial polydactyly--a new syndrome? Part I: clinical, causal, and pathogenetic considerations.

Experiences from the accident of Seveso.

Metabolism of three active analogues of the male antifertility agent alpha-chlorohydrin in the rat.

Fruit-set of unpollinated ovaries of *Pisum sativum* L. : Influence of plant-growth regulators.

Fruit-set of unpollinated ovaries of *Pisum sativum* L. : Influence of vegetative parts.

INHIBITION OF RESPIRATION IN SEA URCHIN SPERMATOZOA FOLLOWING INTERACTION WITH FIXED UNFERTILIZED EGGS: IV. STATE 4 RESPIRATION IN SPERMATOZOA OF *HEMICENTROTUS PULCHERRIMUS* AFTER THEIR INTERACTION WITH FIXED UNFERTILIZED EGGS.

Herbicide claimed responsible for birth defects.

[Characteristics of the embryotoxic action of herbicides, derivatives of 2,4-dichlorophenoxyacetic acid].

Prenatal effects of 2,4,5-T, 2,4,5-trichlorophenol, and phenoxyacetic acid in mice.

[Effect of phenobarbital on the embryotoxic action of 2-methyl-4-chlorophenoxyacetic acid].

Influence of histamine on estrogen-induced inhibition of compensatory ovarian hypertrophy in hemiovariectomized rats.

Removal of the fertilization membrane of sea urchin embryos employing aminotriazole.

Effect of some pesticides on certain micro-organisms, contributing to soil fertility.

Three-generation reproduction study of rats given 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the diet.

Immunoperoxidase staining for detection of Colorado tick fever virus, and a study of congenital infection in the mouse.

Assessment of environmental factors affecting male fertility.

Estimation of the TCDD toxic potential in the light of the Seveso accident.

Ontogeny of the rat hepatic receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin and its endocrine independence.

Immunological studies of the sperm-specific phosphoglycerate kinase-2 of mice.

Metabolic similarities between fertilization and phagocytosis. Conservation of a peroxidatic mechanism.

Hormonally induced cell shape changes in cultured rat ovarian granulosa cells.

Hatching success and early performance of chicks from eggs sprayed with 2,4-D,2,4,5-T and picloram at various stages of embryonic development.

Carcinogenic and antitumor effects of aminotriazole on acatalasemic and normal catalase mice.

[Pathological and embryological studies on abortion cases related to the Seveso accident].

Cytotoxic effects of maleic hydrazide.

Teratogenic effects of environmental chemicals.

[The toxic effects of 2,4,5-trichlorophenoxyacetic acid on the quail].

Prenatal effects of herbicides: evaluation by the prenatal development index.

Effects in the mouse and rat of prenatal exposure to arsenic.

Purification of human ovarian tumor-associated antigen and demonstration of circulating tumor antigen in patients with advanced ovarian malignancy.

Veterinary toxicology: the epidemiology of poisonings in domestic animals.

The effects of inhibitors of energy metabolism on the growth of one-cell rabbit ova to blastocysts in vitro.

Cardiovascular malformations in *Oryzias latipes* embryos treated with 2,4,5-trichlorophenoxyacetic acid (2,4,5-T).

Teratogenic and toxicological examination of 2,4,5-trichlorophenoxyacetic acid in developing chick embryos.

Teratogenic and toxicological effects of 2,4,5--trichlorophenoxyacetic acid in developing chick embryos.

Dominant lethal studies with paraquat and diquat in male CD-1 mice.

[Model experiments in pheasants with 1 insecticide (Lindane), 1 herbicide (Terbutryn), 1 mineral fertilizer (calcium ammonium salpeter) and 1 fungicide (HEC). V. Sensitivity of various serum enzymes for detection of organ damage following pesticide load. Residues in liver, adipose- and muscular tissue].

Neuromuscular disorder associated with a defect in mitochondrial energy supply.

Studies on oxidative phosphorylation and steroidogenesis by ovarian mitochondria after gonadotropic stimulation.

Mechanisms of methylene blue stimulation of the hexose monophosphate shunt in erythrocytes.

Methods to assess reproductive effects of environmental chemicals: studies of cadmium and boron administered orally.

Fetal toxicity and distribution of paraquat and diquat in mice and rats.

[Paraquat : embryonic mortality and effects on pulmonary apparatus of chick and quail embryos].

Eye hazards in rural communities.

Effect of asulam in wildlife species residues and toxicity in bobwhite quail after prolonged exposure.

[The gonadotoxic action of pesticides derived from thiocarbamic acid].

Effects of a 2,4,5-T ester on early oogenesis, fertility and development in *Drosophila melanogaster*.

Effects in mice of high and low environmental temperature on the maternal and fetal toxicity of 2-sec-butyl-4,6-dinitrophenol (dinoseb) and on disposition of [¹⁴C]-dinoseb(12).

[Peroxidase activity of neutrophil granules in two cases of congenital myeloperoxidase deficiency].

Influence of the ionic composition of the medium on the sensitivity of fertilized sea urchin ova to neuropharmacological preparations.

2,4-Dichlorophenyl-p-nitrophenyl ether (TOK): effects on the lung maturation of rat fetus.

Fetal uptake and embryogenetic effects of aminotriazole in mice.

Problems associated with the screening of drugs for possible teratogenic activity.

Assessment of the mutagenic properties of diquat and paraquat in the murine dominant lethal test.

The effect of purified and commercial grade pentachlorophenol on rat embryonal and fetal development.

Effect of external application of pesticides to the fertile egg on hatching success and early chick performance. 2. Commercial-herbicide mixtures of 2,4-D with picloram or 2,4,5-T using the pheasant.

[Action of the Paraquat on the uro-genital tract of chick and quail embryos].

Proceedings: Investigations on the embryotoxic effect of 2,4,5-T in NMRI-mice.

Removing substances from blood by affinity chromatography. I. Removing bilirubin and other albumin-bound substances from plasma and blood with albumin-conjugated agarose beads.

Partial amino acid sequence of two new arginine-serine rich histones from male gonads of the sea urchin (*Parechinus angulosus*).

Appendix 3 – Symptom/Disease Phrases for Total Retrieved Database

The concatenated Title/Abstract/Substance/MeSH field for each record (mentioned in Appendix 1) was aggregated into one field for the database. This text field was entered into an excellent [N-Gram generator](#), and N-Grams ranging from N=1 to N=5 were generated. These N-Grams showed the incidence frequency for all Symptoms and Diseases in the database. The Symptoms/Diseases phrases were selected by a combination of 1) visual inspection of the N-Grams and 2) intersection of all phrases in the N-Grams with modified lists of diseases from the Mayo Clinic, the NHS, the NLM, and the

aggregation of all damage terms used as queries to assign the retrieved records to each of the nineteen thematic categories used for purposes of analysis.

Table 3A-1 contains a list of summarized symptom-disease phrases from the [Mayo Clinic](#), Table 3A-2 contains a list of summarized symptom-disease phrases from the [NHS](#), Table 3A-3 contains a list of summarized symptom-disease phrases from the [NLM](#), and Table 3A-4 contains the list of aggregated symptom-disease phrases used as queries to assign the retrieved records to each of the nineteen thematic categories. All these symptom/disease lists were combined and cleaned to eliminate duplicates and improve formats.

Table 3A-5 contains the final list of symptoms/diseases that resulted from intersecting the contents of Tables 3A-1 to 3A-4 with all the phrases in the final retrieved database as represented in the five N-Grams. After the intersection process was performed, thousands of phrases were examined by visual inspection to ensure that no relevant phrases were omitted.

Table 3A-1 – Modified Symptom/Disease Phrases from the Mayo Clinic

A fib; Atrial fibrillation; Abdominal aortic aneurysm; Abnormally excessive sweating Hyperhidrosis; Abscess bartholin's cyst; Absence seizure; Acanthosis nigricans; Achalasia; Achilles tendinitis; Achilles tendon rupture; Acid reflux Gastroesophageal reflux disease; GERD; ACL injury; Acne; Acne inversa; Hidradenitis suppurativa; Acoustic neuroma; Acquired immunodeficiency syndrome; HIV/AIDS; Acromegaly; Actinic keratosis; Acute coronary syndrome; Acute flaccid myelitis; AFM; Acute granulocytic leukaemia; Acute myelogenous leukaemia; Acute inflammatory demyelinating polyneuropathy; Guillain-Barre syndrome; Acute kidney failure; Acute liver failure; Acute lymphoblastic leukaemia; Acute lymphocytic leukaemia; Acute lymphocytic leukaemia; Acute lymphoid leukaemia; Acute myeloblastic leukaemia; Acute myelogenous leukaemia; Acute myeloid leukemia; Acute nonlymphocytic leukaemia; Acute radiation sickness; Radiation sickness; Acute radiation syndrome; Acute renal failure; Acute kidney failure; Acute respiratory distress syndrome; ARDS; Acute sinusitis; Alcohol use disorder; Compulsive gambling; Nicotine dependence; Addison's disease; Adenitis; Mesenteric lymphadenitis; Adenomyosis; ADHD; Attention-deficit/hyperactivity disorder; Adhesive capsulitis; Frozen shoulder; Adjustment disorders; Adnexal tumours; schizophrenia; Adrenal neoplasm; Adrenal mass; Benign adrenal tumours; Adrenoleukodystrophy; attention-deficit/hyperactivity disorder; Still's disease; AFM; Acute flaccid myelitis; Age-related macular degeneration; Dry macular degeneration); Age-related macular degeneration; Wet macular degeneration); Agnogenic myeloid metaplasia; Myelofibrosis; Agoraphobia; AIDP; Guillain-Barre syndrome; AIDS/HIV; HIV/AIDS; Airplane ear; Albinism; Alcohol addiction; Alcohol intolerance; Alcohol poisoning; Alcohol use disorder; Alcoholic hepatitis; Allergic granulomatosis; Churg-Strauss syndrome; Allergic granulomatosis; angiitis; Allergic rhinitis; Hay fever; Allergies; Allergy; Dust mite allergy; Egg allergy; Food allergy; Latex allergy; Milk allergy; Mold allergy; Nickel allergy; Peanut allergy; Penicillin allergy; Pet allergy; Shellfish allergy; Wheat allergy; Alopecia; Hair loss; Alpha-gal syndrome; ALS; Amyotrophic lateral sclerosis; Alveolar osteitis; Dry socket; Alzheimer's disease; Ambiguous genitalia; Amblyopia; Lazy eye; Ameloblastoma; Amenorrhoea; Amnesia; Transient global amnesia; Amnestic syndrome; Ampullary neoplasm; Amyloid disease; Amyloidosis; Amyotrophic lateral sclerosis; Anal neoplasm; Anal fissure; Anal fistula; Anal itching; Anaphylaxis; Anaemia; Aplastic anaemia; Thalassaemia; Iron deficiency anaemia; Sickle cell anaemia; Vitamin deficiency anaemia; Aneurysm; Abdominal aortic aneurysm; Aortic aneurysm; Brain aneurysm; Popliteal artery aneurysm; Thoracic aortic aneurysm; Aneurysms; Angelman syndrome; Angiitis; Vasculitis; Angina; Angina pectoris; Angioedema; hives; Angiofollicular lymph node hyperplasia; Castleman disease; Angiosarcoma; Ankle

fracture; Broken ankle; Ankle sprain; Sprained ankle; Ankyloglossia; Tongue-tie; Ankylosing spondylitis; Anorexia; Anorexia nervosa; Anorgasmia; Anterior cruciate ligament injury; ACL injury); Anterior vaginal prolapse; cystocele; Anthrax; Antibiotic-associated colitis; Pseudomembranous colitis; Antibiotic-associated diarrhea; Antiphospholipid syndrome; Antisocial personality disorder; Anxiety disorder; Generalized anxiety disorder; Social anxiety disorder; social phobia; Anxiety disorders; Aortic aneurysm; Abdominal aortic aneurysm; Aortic coarctation; Coarctation of the aorta; Aortic dissection; Aortic valve disease; Aortic valve regurgitation; Aortic valve stenosis; Aphasia; Primary progressive aphasia; Aphthous stomatitis; Canker sore; Aphthous ulcer; Apical ballooning syndrome; Broken heart syndrome; Aplastic anaemia; Appendicitis; APS; Antiphospholipid syndrome; ARDS; Arenaviruses; Viral hemorrhagic fevers; Argentine hemorrhagic fever; Arm fracture; Broken arm; Arnold-Chiari malformation; Chiari malformation; Arrhythmia; Heart arrhythmia; Arteriosclerosis; atherosclerosis; Arteriovenous fistula; Arteriovenous malformation; Arteritis; Giant cell arteritis; Takayasu's arteritis; Arthritis; Thumb arthritis; Osteoarthritis; Gout; Septic arthritis; Juvenile idiopathic arthritis; Osteoarthritis; Psoriatic arthritis; Reactive arthritis; Rheumatoid arthritis; Thumb arthritis; Asbestosis; Ascariasis; ASD; Atrial septal defect; Aseptic necrosis; Avascular necrosis; osteonecrosis; Aspergillosis; Asthma; Asthma attack; Childhood asthma; Exercise-induced asthma; Occupational asthma; Astigmatism; Astrocytoma; Atrial tachycardia; Ataxia; Atelectasis; Atherosclerosis; Arteriosclerosis; Athlete's foot; Atopic dermatitis; eczema; Atrial fibrillation; Atrial flutter; Atrial septal defect; ASD; Atrial tachycardia; Atrioventricular canal defect; Atrioventricular nodal reentry tachycardia; AVNRT; Atrioventricular septal defect; Atrioventricular canal defect; Atrophic vaginitis; Vaginal atrophy; Attachment disorder; Reactive attachment disorder; Attention-deficit/hyperactivity disorder; ADHD; Atypical hyperplasia of the breast; Autism spectrum disorder; Autoimmune hepatitis; Autoimmune pancreatitis; Autonomic neuropathy; Avascular necrosis; osteonecrosis; AVN; AVNRT; Atrioventricular nodal reentry tachycardia; Baby acne; Back pain; Bacterial vaginosis; Bad breath; Bags under eyes; Baker cyst; Balance problems; Baldness; Hair; Barber's itch Folliculitis; Barlow's syndrome; Mitral valve prolapse; Barotitis media; Airplane ear; Barotrauma; Barrett's oesophagus; Bartholin's cyst; Basal cell carcinoma; Basal joint arthritis; Thumb arthritis; BDD; Body dysmorphic disorder; Bedsores; pressure ulcers; Bed-wetting; Bee sting; Behcet's disease; Bell's palsy; Benign adrenal tumours; Benign migratory glossitis; Geographic tongue; Benign paroxysmal positional vertigo; BPPV; Benign peripheral nerve tumour; Benign prostatic hyperplasia; BPH; Berger's disease; IgA nephropathy; Bicuspid aortic valve; Bile duct neoplasm; Cholangiocarcinoma; Bile reflux; Binge drinking; Alcohol poisoning; Binge-eating disorder; Bipolar disorder; Black hairy tongue; Blackheads; Bladder calculi; Bladder stones; Bladder neoplasm; Urinary incontinence; Bladder exstrophy; Bladder infection; Cystitis; Bladder inflammation; Interstitial cystitis; Bladder prolapse; Anterior vaginal prolapse; cystocele; Bladder stones; Blastocystis hominis; Blastocystosis; Blepharitis; Blocked tear duct; Blocked ureter; Ureteral obstruction; Blood in urine; haematuria; BMS; Burning mouth syndrome; Body dysmorphic disorder; Body lice; Body odor; Boils; carbuncles; Bone neoplasm; Bone infection; Osteomyelitis; Bone metastasis; Bone spurs; Borderline personality disorder; Botulism; Bowel incontinence; Fecal incontinence; Bowel obstruction; Intestinal obstruction; BPH; Benign prostatic hyperplasia; Brachial plexus injury; Bradycardia; Bradycardia-tachycardia syndrome; Sick sinus syndrome; Brain aneurysm; Brain arteriovenous malformation; Brain AVM; arteriovenous malformation; Brain metastases; Brain tumour; Pediatric brain tumours; Breast neoplasm; Breast neoplasm; Male breast neoplasm; Breast cysts; Breast infection; Mastitis; Breast pain; Broken ankle; Broken arm; Broken blood vessel in eye; Subconjunctival hemorrhage; Broken collarbone; Broken foot; Broken hand; Broken heart syndrome; Broken hip; Hip fracture; Broken leg; Broken nose; Broken ribs; Broken toe; Broken wrist; Bronchiolitis; Bronchitis; Brucellosis; Brugada syndrome; Bruxism; teeth grinding; Buerger disease; Bulimia nervosa; Bullous pemphigoid; Bundle branch block; Bunions; Bunyaviruses; Viral hemorrhagic fevers; Burn injury; Burns; Burning mouth

syndrome; Burning thigh pain Meralgia paresthetica; Burns; Bursitis; Bursitis of the knee; Knee bursitis; ; C. difficile colitis; Pseudomembranous colitis; C. difficile infection; Calciphylaxis; Calluses; corns; Neoplasm; Acute lymphocytic leukaemia; Anal neoplasm; Basal cell carcinoma; Bladder neoplasm; Bone neoplasm; Breast neoplasm; Carcinoid tumours; Cervical neoplasm; Chronic lymphocytic leukaemia; Chronic myelogenous leukaemia; Colon neoplasm; Endometrial neoplasm; oEsophageal neoplasm; Eye melanoma; Gallbladder neoplasm; Stomach neoplasm; Hairy cell leukaemia; Hodgkin's lymphoma; Hodgkin's disease; Hurthle cell neoplasm; Inflammatory breast neoplasm; Kidney neoplasm; Leukaemia; Mouth neoplasm; Liver neoplasm; Lung neoplasm; Male breast neoplasm; Merkel cell carcinoma; Mesothelioma; Multiple myeloma; Nasopharyngeal carcinoma; Neuroblastoma; Non-Hodgkin's lymphoma; Neoplasm, ovarian (See: Neoplasm, ovarian, also known as Ovarian neoplasm); Pancreatic neoplasm; Paraneoplastic syndromes of the nervous system; Prostate neoplasm; Rectal neoplasm; Retinoblastoma; Skin neoplasm; Soft tissue sarcoma; Squamous cell carcinoma; Stomach neoplasm; Testicular neoplasm; Throat neoplasm; Thyroid neoplasm; Endometrial neoplasm; Vaginal neoplasm; Vulvar neoplasm; Wilms tumour; Oral thrush; Candidiasis; Yeast infection; Canker sore; Carbon monoxide poisoning; Carcinoid syndrome; Carcinoid tumours; Carcinoma of unknown primary; Sudden cardiac; Cardiac ischemia; Myocardial ischemia; Cardiogenic shock; Cardiomegaly; Enlarged heart; Cardiomyopathy; Dilated cardiomyopathy; Hypertrophic cardiomyopathy; Cardiospasm; Achalasia; Cardiovascular disease; Heart disease; Carotid artery disease; Carotid artery stenosis; Carotid insufficiency; Carpal tunnel syndrome; CAS; Childhood apraxia of speech; Castleman disease; Cataracts; Cavernous malformations; Cavities; tooth decay; CDH; Congenital diaphragmatic hernia; Celiac artery compression; Median arcuate ligament syndrome; MALS; Celiac artery compression syndrome; Celiac axis syndrome; Celiac disease; Celiac trunk compression syndrome; CELLO; Barrett's oesophagus; Cellulite; Cellulitis; Central nervous system vascular malformations; Central sleep apnea; Cercarial dermatitis; Swimmer's itch; Cerebral aneurysm; Brain aneurysm; Cerebral palsy; Cerebrospinal fluid leak; CSF leak; Cerebrovascular accident; Stroke; Cerumen impaction; Earwax blockage; Cervical neoplasm; Cervical dystonia; Cervical osteoarthritis; Cervical spondylosis; Cervicitis; Chagas disease; Charcot-Marie-Tooth disease; CHD; Hip dysplasia; Chemical dependency; Drug addiction; substance use disorder; Chemo brain; Chest pain; Chest wall pain; Costochondritis; Chiari malformation; Chickenpox; Chilblains; Child abuse; Child maltreatment; Childhood apraxia of speech; Childhood asthma; Childhood obesity; Childhood schizophrenia; Chlamydia trachomatis; Cholangiocarcinoma; bile duct neoplasm; Cholangitis; Primary sclerosing cholangitis; Cholecystitis; Cholera; Cholestasis of pregnancy; Chondrosarcoma; Chordoma; Huntington's disease; Choroid plexus carcinoma; Chronic adrenal insufficiency; Addison's disease; Chronic compartment syndrome; Chronic exertional compartment syndrome; Chronic cough; Chronic daily headaches; Chronic exertional compartment syndrome; Chronic fatigue syndrome; Chronic granulomatous disease; Chronic hives; Chronic kidney disease; Chronic kidney failure; Chronic lymphocytic leukaemia; Chronic lymphocytic thyroiditis; Hashimoto's disease; Chronic myelogenous leukaemia; Chronic obstructive pulmonary disease; COPD; Chronic pelvic pain in women; Chronic renal failure; Chronic sinusitis; Chronic traumatic encephalopathy; Chronic vulvar pain; Vulvodynia; Churg-Strauss syndrome; Cirrhosis; CJD; Creutzfeldt-Jakob disease; CKD; Claudication; Cleft lip and cleft palate; Click-murmur syndrome; Mitral valve prolapse; Clinical depression; Depression; major depressive disorder; CLL; Chronic lymphocytic leukaemia; Clostridioides difficile infection; C. difficile infection; Clostridium difficile infection; Clubfoot; Cluster headache; Coarctation of the aorta; Coccidioidomycosis; Valley fever; Cold allergy; Cold urticaria; Cold exposure; Hypothermia; Cold sore; Cold urticaria; Common cold; Colic; Colitis; Ischemic colitis; Microscopic colitis; Pseudomembranous colitis; Ulcerative colitis; Collapsed lung; Atelectasis; Pneumothorax; Colon neoplasm; Colon polyps; Colonic ischemia; Color blindness; Colorectal neoplasm; Colon neoplasm; Columnar epithelium lined lower oesophagus; Barrett's oesophagus; Coma; Common cold; Common cold in babies; Common

variable immunodeficiency; Common warts; Complex regional pain syndrome; Complicated bereavement; Complicated grief; Compulsive gambling; Compulsive hoarding syndrome; Hoarding disorder; Compulsive overeating; Binge-eating disorder; Compulsive sexual behavior; Compulsive stealing; Kleptomania; Concussion; Condylomata acuminata; Genital warts; Congenital adrenal hyperplasia; Congenital diaphragmatic hernia; CDH; Congenital heart defects in children; Congenital heart disease in adults; Congenital hip dislocation; Hip dysplasia; Congenital megacolon; Hirschsprung's disease; Congenital mitral valve anomalies; Congenital myasthenic syndromes; Congenital plagiocephaly; Craniosynostosis; Congestive heart failure; Heart failure; Conjoined twins; Conjunctivitis; Pink eye; Constipation; Constipation in children; Contact dermatitis; Conversion disorder; Functional neurologic disorder; Cooley's anaemia; Thalassemia; COPD; Corns; calluses; Coronary artery disease; Coronary microvascular disease; Small vessel disease; Coronavirus disease 2019; COVID-19; Corticobasal degeneration; corticobasal syndrome; Costochondritis; Costosternal chondrodynia; Costosternal syndrome; Cough headaches; Chronic cough; COVID-19-associated multisystem inflammatory syndrome in children; Multisystem inflammatory syndrome in children; MIS-C; Pubic lice; Cradle cap; Menstrual cramps; Cranial arteritis; Giant cell arteritis; Craniopharyngioma; Craniosynostosis; Creutzfeldt-Jakob disease; Crib death; Sudden infant death syndrome; SIDS; Crohn's disease; Croup; CRPS; Complex regional pain syndrome; Cryoglobulinemia; Cryptorchidism; Undescended testicle; CSF leak; Cerebrospinal fluid leak; CTCL; Cutaneous T-cell lymphoma; Curvature of the penis; Peyronie's disease; Curvature of the spine; Scoliosis; Cushing syndrome; Cutaneous B-cell lymphoma; Cutaneous T-cell lymphoma; CVA; Stroke; Cyclic vomiting syndrome; Cyclothymia; cyclothymic disorder; Bartholin's cyst; Ganglion cyst; Kidney cysts; Ovarian cysts; Pancreatic cysts; Pilonidal cyst; Spermatocele; Cystic fibrosis; Cystitis; Interstitial cystitis; Anterior vaginal prolapse; Epidermoid cysts; Cytomegalovirus infection; CMV; Dandruff; Daytime sleepiness; Narcolepsy; DCIS; Ductal carcinoma in situ; DCIS; DDH; Hip dysplasia; De Quervain tenosynovitis; Decreased tear production; Dry eyes; Deep vein thrombosis; DVT; Deficient color vision; Color blindness; Degenerative arthritis; Osteoarthritis; Dehydration; Delayed ejaculation; Delayed gastric emptying; Gastroparesis; Delayed sleep phase; Delirium; Dementia; Frontotemporal dementia; Lewy body dementia; Vascular dementia; Dengue fever; Dengue hemorrhagic fever; Nicotine dependence; Depersonalization-derealization disorder; Depression; major depressive disorder; Postpartum depression; Teen depression; Dermatitis; Atopic dermatitis; eczema; Swimmer's itch; Contact dermatitis; Neurodermatitis; Seborrheic dermatitis; Dermatofibrosarcoma protuberans; Dermatographia; Dermatographism; Dermatomyositis; Athlete's foot; Desmoid tumours; Desmoplastic small round cell tumours; Detached retina; Retinal detachment; Developmental dysplasia of the hip; Hip dysplasia; Deviated septum; Devic's disease; Neuromyelitis optica; DFSP; Dermatofibrosarcoma protuberans; Diabetes; Diabetes insipidus; Diabetes mellitus; Gestational diabetes; Type 1 diabetes; Type 2 diabetes; Diabetic coma; Diabetic hypoglycemia; Diabetic ketoacidosis; Diabetic nephropathy; kidney disease; Diabetic neuropathy; Diabetic retinopathy; Diaper rash; Diarrhea; Antibiotic-associated diarrhea; Traveler's diarrhea; Difficulty speaking; Voice disorders; Difficulty swallowing; Dysphagia; DiGeorge syndrome; 22q11.2 deletion syndrome; Dilated cardiomyopathy; Diphtheria; Dislocated shoulder; Dissecting aneurysm; Aortic dissection; Dissociative disorders; Diverticulitis; Dizziness; Double uterus; Double-outlet right ventricle; Down syndrome; Dressler syndrome; Drop foot; Foot drop; Drug addiction; substance use disorder; Drug allergy; Dry eyes; Dry macular degeneration; Dry mouth; Dry skin; Dry socket; DSPS; Delayed sleep phase; DSRCT; Desmoplastic small round cell tumours; Ductal carcinoma in situ; DCIS; Dumping syndrome; Dunbar syndrome; Median arcuate ligament syndrome; MALS; Dupuytren contracture; Dural arteriovenous fistulas; Dust mite allergy; DVT; Deep vein thrombosis; Dwarfism; Dysarthria; Dyshidrosis; Dyslexia; Dysmenorrhoea; Menstrual cramps; Dyspareunia; Painful intercourse; Dyspepsia; Indigestion; Dysphagia; Dysphonia; Voice disorders; Dysrhythmias; Heart arrhythmia; Dysthymia; Persistent

depressive disorder; Dystonia; Cervical dystonia; E. coli; Ear infection; Swimmer's ear; Ruptured eardrum; perforated eardrum; Early puberty; Precocious puberty; Earwax blockage; Eating disorders; Anorexia nervosa; Binge-eating disorder; Bulimia nervosa; Ebstein anomaly; Ectopic heartbeat; Premature ventricular contractions; PVCs; Ectopic pregnancy; Ectropion; Eczema; Atopic dermatitis; Dyshidrosis; Erectile dysfunction; Edema; Pulmonary edema; Egg allergy; Ehlers-Danlos syndrome; Ehrlichiosis and anaplasmosis; Eisenmenger syndrome; Elevated blood pressure; Pulmonary embolism; Embryonal tumours; Emphysema; Encephalitis; Encopresis; End stage kidney failure; End-stage renal disease; Endocardial cushion defect; Atrioventricular canal defect; Endocarditis; Endometrial neoplasm; Endometrial polyps; Uterine polyps; Endometriosis; End-stage renal disease; Enlarged breasts in men; gynecomastia; Enlarged heart; Enlarged liver; Enlarged prostate; Benign prostatic hyperplasia; BPH; Enlarged spleen; splenomegaly; Enlarged thyroid; Goiter; Entropion; Eosinophilic esophagitis; Eosinophilic granulomatosis with polyangiitis; Churg-Strauss syndrome; Ependymoma; Epicondylitis; Tennis elbow; Epidermoid cysts; Epidermolysis bullosa; Epididymitis; Epiglottitis; Epilepsy; Frontal lobe seizures; Epithelioid sarcoma; Erectile dysfunction; Erythema infectiosum; Parvovirus infection; Erythema multiforme major; Stevens-Johnson syndrome; Escherichia coli infection; E. coli; Esophageal achalasia; Achalasia; oEsophageal neoplasm; oEsophageal spasms; oEsophageal varices; oEsophagitis; Essential tremor; Esthesioneuroblastoma; Ewing sarcoma; Excess facial hair in women; Hirsutism; Excess growth hormone; Acromegaly; Excessive daytime sleepiness; Narcolepsy; Excessive menstrual bleeding; Menorrhagia; heavy menstrual bleeding; Exercise headaches; Exercise-induced asthma; External otitis; Swimmer's ear; Extrasystole; Premature ventricular contractions; PVCs; Eye floaters; Eye melanoma; Eyelid inflammation; Blepharitis; Eyestrain; Facial palsy; Bell's palsy; Factitious disorder; Factor V Leiden; Fallen arches; Flatfeet; Tetralogy of Fallot; Familial adenomatous polyposis; Familial hypercholesterolemia; Familial Mediterranean fever; Familial paroxysmal peritonitis; FAP; Familial adenomatous polyposis; Farsightedness; Febrile seizure; Fecal incontinence; Female infertility; Female sexual dysfunction; Fetal alcohol syndrome; Fetal macrosomia; Fever; Fever blister; Cold sore; Valley fever; Viral hemorrhagic fevers; Familial hypercholesterolemia; Fibroadenoma; Fibrocystic breasts; Uterine fibroids; Fibromuscular dysplasia; Fibromyalgia; Cystic fibrosis; Interstitial lung disease; Pulmonary fibrosis; Fifth disease; Parvovirus infection; Filoviruses; Viral hemorrhagic fevers; Arteriovenous fistula; Flatfeet; Floaters; Eye floaters; Floor of the mouth neoplasm; Floppy valve syndrome; Mitral valve prolapse; Flu; Influenza; H1N1 flu; swine flu; Fluid around the heart; Pericardial effusion; Focal segmental glomerulosclerosis; FSGS; Folate deficiency anaemia; Vitamin deficiency anaemia; Folliculitis; Food allergy; Egg allergy; Milk allergy; Food poisoning; Food-borne illness; Foot drop; Foot fracture; Broken foot; Foramen ovale; Patent foramen ovale; Broken arm; Greenstick fractures; Growth plate fractures; Hip fracture; Broken leg; Stress fractures; Broken nose; Broken ribs; Frontal lobe epilepsy; Frontal lobe seizures; Frontal lobe seizures; Frontotemporal dementia; Frontotemporal lobar degeneration; Frontotemporal dementia; Frostbite; Frozen shoulder; FSGS; Focal segmental glomerulosclerosis; Fuchs' dystrophy; Functional dyspepsia; Functional neurologic disorder; conversion disorder; Nail fungus; Funnel chest; Pectus excavatum; GAD; Generalized anxiety disorder; Galactorrhea; Gallbladder neoplasm; Gallbladder inflammation; Cholecystitis; Gallstones; Compulsive gambling; Ganglion cyst; Gangrene; Gas and gas pains; Gastric neoplasm; Stomach neoplasm; Gastroparesis; Dumping syndrome; Gastritis; Gastroenteritis; Viral gastroenteritis; stomach flu; Gastroesophageal reflux disease; GERD; Gastrointestinal bleeding; Gastrointestinal stromal tumour; GIST; Gastroparesis; Gaucher disease; Gender dysphoria; Gender identity disorder; Generalized anxiety disorder; Genital herpes; Genital warts; Geographic tongue; Germ cell tumours; German measles; Rubella; Gestational diabetes; Giant cell arteritis; Giant lymph node hyperplasia; Castleman disease; Giardia infection; giardiasis; Gilbert syndrome; Gingivitis; Glaucoma; Glioblastoma; Glioma; Glomerulonephritis; Glossodynia; Burning mouth syndrome;

Glucocerebrosidase deficiency; Gaucher disease; Gluten-sensitive enteropathy; Celiac disease; Goiter; Golfer's elbow; Gonorrhea; Gout; Grand mal seizure; Granuloma annulare; Granulomatosis with polyangiitis; Graves' disease; Greenstick fractures; Gross haematuria; Blood in urine; haematuria; Group B strep disease; Growing pains; Growth hormone excess; Acromegaly; Growth plate fractures; Guillain-Barre syndrome; Gingivitis; Periodontitis; H. pylori infection; Helicobacter pylori infection); H1N1 flu; swine flu; H1N1v flu; H3N2v flu; Hair loss; Hair-pulling disorder; Trichotillomania; Hairy cell leukaemia; Hairy tongue; Black hairy tongue; Halitosis; Bad breath; Hammertoe; Mallet toe; Hamstring injury; Hand fracture; Broken hand; Hand-foot-and-mouth disease; Hangovers; Hantavirus pulmonary syndrome; Hardening of the arteries; Arteriosclerosis; atherosclerosis; Hashimoto's disease; HAV infection; Hepatitis A; Hay fever; HBV infection; Hepatitis B; HCV infection; Hepatitis C; Head and neck neoplasms; Head lice; Coma; Chronic daily headaches; Cluster headache; Exercise headaches; Migraine; Cough headaches; Sex headaches; Sinus headaches; Spinal headaches; Tension headache; Thunderclap headaches; Health anxiety; Illness anxiety disorder; Hearing loss; Heart arrhythmia; Heart attack; Heart defects in adults; Congenital heart disease in adults; Heart disease; Heart failure; Heart murmurs; Heart palpitations; Heart valve disease; Heartburn; Heat exhaustion; Heat rash; Heatstroke; Heavy menstrual periods; Menorrhagia; heavy menstrual bleeding; Heel pain; Plantar fasciitis; Hemangioma; Liver hemangioma; Haematoma; Intracranial haematoma; Haematuria; Blood in urine; Hemifacial spasm; Haemochromatosis; Haemolytic uremic syndrome; HUS; Haemophilia; Haemorrhoids; Henoch-Schonlein purpura; Hep A; Hepatitis A; Hep B; Hepatitis B; Hep C; Hepatitis C; Hepatitis A; Hepatitis A virus infection; Hepatitis A; Hepatitis B; Hepatitis C; Autoimmune hepatitis; Toxic hepatitis; Hepatocellular carcinoma; Hepatomegaly; Enlarged liver; Hepatopulmonary syndrome; Hereditary haemochromatosis; Haemochromatosis; Hereditary haemorrhagic telangiectasia; Hereditary motor and sensory neuropathy; Charcot-Marie-Tooth disease; Hereditary nonpolyposis colorectal neoplasm syndrome; Lynch syndrome; Hereditary progressive arthro-ophthalmopathy; Stickler syndrome; Hiatal hernia; Inguinal hernia; Umbilical hernia; Herniated disk; Herpes zoster; Shingles; Herpes zoster oticus; Ramsay Hunt syndrome; Genital herpes; Hiatal hernia; Hiccups; Hidradenitis suppurativa; High blood pressure; hypertension; Secondary hypertension; High cholesterol; High-flow priapism; Priapism; Hilar cholangiocarcinoma; Hip dysplasia; Hip fracture; Hip labral tear; Hirschsprung's disease; Hirsutism; Histoplasmosis; HIV/AIDS; Hives and angioedema; Chronic hives; Hoarding disorder; Hoarse voice; Laryngitis; Hodgkin's disease; Hodgkin's lymphoma; Hordeolum; Stye; sty; Horner syndrome; Horner-Bernard syndrome; Hot flashes; HPV infection; Human immunodeficiency virus; HIV/AIDS; Human papillomavirus infection; HPV infection; Hunchback; Kyphosis; Huntington's disease; Hunt's syndrome; Ramsay Hunt syndrome; Hurthle cell neoplasm; Hutchinson-Gilford progeria syndrome; Progeria; Hydrocele; Hydrocephalus; Hydronephrosis; Hypercalcemia; Hypercholesterolemia; High cholesterol; Familial hypercholesterolemia; Hypercortisolism; Cushing syndrome; Hypereosinophilic syndrome; Hyperglycemia; Hyperhidrosis; Hypermenorrhoea; Menorrhagia; heavy menstrual bleeding; Hyperopia; Farsightedness; Hyperoxaluria; oxalosis; Hyperparathyroidism; Hypersexuality; Compulsive sexual behavior; Hypertension; High blood pressure; Preeclampsia; Pulmonary hypertension; Hyperthyroidism; overactive thyroid; Hypertrophic cardiomyopathy; Hypoactive sexual desire disorder; Low sex drive in women; Hypochondria; Illness anxiety disorder; Hypoglycemia; Diabetic hypoglycemia; Hypohydration; Dehydration; Hyponatremia; Hypoparathyroidism; Hypopituitarism; Hypoplastic left heart syndrome; Hypospadias; Hypotension; Low blood pressure; Hypothermia; Hypothyroidism; underactive thyroid; IBD; Inflammatory bowel disease; IBS; Irritable bowel syndrome; Idiopathic hypersomnia; Idiopathic intracranial hypertension; Pseudotumour cerebri; Idiopathic myelofibrosis; Myelofibrosis; Idiopathic thrombocytopenic purpura; Immune thrombocytopenia; ITP; Idiopathic toe walking; Toe walking; IgA nephropathy; Berger's disease; IgA vasculitis; Henoch-Schonlein purpura; IIH; Pseudotumour cerebri; idiopathic intracranial

hypertension; Illness anxiety disorder; Immune thrombocytopenia; ITP; Immune thrombocytopenic purpura; Immune thrombocytopenia; ITP; Impacted wisdom teeth; Impaired glucose tolerance; Prediabetes; Impetigo; Impotence; Erectile dysfunction; Inborn error of metabolism; Inherited metabolic disorders; Incompetent cervix; Incomplete fracture; Fecal incontinence; Bed-wetting; Urinary incontinence; Indigestion; Infant jaundice; Infant reflux; Infantile haemangioma; Haemangioma; Infectious arthritis; Septic arthritis; Infectious diseases; Infertility; Female infertility; Male infertility; Inflammatory bowel disease; IBD; Inflammatory breast neoplasm; Inflamed gallbladder; Cholecystitis; Inflamed pancreas; Pancreatitis; Inflamed pericardium; Pericarditis; Influenza; flu; H1N1 flu; swine flu; H1N1 flu; Ingrown hair; Ingrown toenails; Inguinal hernia; Inherited metabolic disorders; Insomnia; Insulin resistance syndrome; Metabolic syndrome; Intermittent claudication; Claudication; Intermittent explosive disorder; Interstitial cystitis; Interstitial lung disease; Intestinal ischemia; Intestinal lipodystrophy; Whipple's disease; Intestinal obstruction; Intracranial hematoma; Intracranial venous malformations; Intraductal carcinoma; Ductal carcinoma in situ; DCIS; Intrahepatic cholestasis of pregnancy; Cholestasis of pregnancy; Intussusception; Invasive lobular carcinoma; Iritis; Iron deficiency anaemia; Iron overload; Haemochromatosis; Irritable bowel syndrome; Intestinal ischemia; Ischemic bone necrosis; Avascular necrosis; osteonecrosis; Ischemic colitis; Ischemic priapism; Priapism; Islet cell neoplasm; Pancreatic neuroendocrine tumours; Itchy skin; pruritus; ITP; Immune thrombocytopenia; Jaw tumours and cysts; Jellyfish stings; Jet lag disorder; Jock itch; Jumper's knee; Patellar tendinitis; Juvenile idiopathic arthritis; Juvenile rheumatoid arthritis; Juvenile schizophrenia; Childhood schizophrenia; Kaposi's sarcoma; Kawasaki disease; Keloid scar; Keratitis; Keratoconjunctivitis sicca; Dry eyes; Keratoconus; Keratosis pilaris; Actinic keratosis; Seborrhic keratosis; Diabetic ketoacidosis; Kidney neoplasm; Kidney cysts; Chronic kidney disease; Acute kidney failure; Kidney infection; Kidney stones; Kissing disease; Mononucleosis; Klatskin tumour; Hilar cholangiocarcinoma; Kleptomania; Klinefelter syndrome; Klippel-Trenaunay syndrome; Knee bursitis; Knee pain; KP; Keratosis pilaris; Kyphosis; Lactase deficiency; Lactose intolerance; Lactation mastitis; Mastitis; Lactose intolerance; Laryngitis; Lassa fever; haemorrhagic fevers; Lateral elbow tendinopathy; Tennis elbow; Lateral epicondylitis; Lateral epicondylitis; Latex allergy; Lazy eye; amblyopia; LCIS; Lobular carcinoma in situ; Lead poisoning; Left ventricular hypertrophy; Leg fracture; Legg-Calve-Perthes disease; Legionellosis; Legionnaires' disease; Legionnaires' disease; Leiomyosarcoma; Age spots; liver spots; Leukaemia; Acute lymphocytic leukaemia; Acute myelogenous leukaemia; Chronic lymphocytic leukaemia; Chronic myelogenous leukaemia; Leukaemia; Hairy cell leukaemia; Leukoplakia; Lewy body dementia; Lice; Body lice; Lichen planus; Oral lichen planus; Lichen sclerosus; Lichen simplex chronicus; Neurodermatitis; Lip neoplasm; Lip neoplasm; Mouth neoplasm; Whipple's disease; Lipoma; Liposarcoma; Listeria infection; Listeriosis; Liver neoplasm; Liver disease; Acute liver failure; Liver haemangioma; Liver spots; Enlarged liver; Lobular carcinoma in situ; LCIS; Localized scleroderma; Morphea; Lockjaw; Tetanus; Long QT syndrome; Loss of bladder control; Urinary incontinence; Lou Gehrig's disease; Amyotrophic lateral sclerosis; ALS; Low blood pressure; hypotension; Low blood sugar; Hypoglycemia; Low body temperature; Hypothermia; Low platelet count; Thrombocytopenia; Low sex drive in women; Low sperm count; Low testosterone; Male hypogonadism; Low-flow priapism; Priapism; Lung neoplasm; Lung collapse; Pneumothorax; Interstitial lung disease; Lupus; Lupus nephritis; Lyme disease; Swollen lymph nodes; Lymphadenitis; Mesenteric lymphadenitis; Lymphedema; Lymphoma; Hodgkin's lymphoma; Non-Hodgkin's lymphoma; Lymphoplasmacytic lymphoma; Waldenstrom macroglobulinaemia; Lynch syndrome; Mad cow disease; Creutzfeldt-Jakob disease; Major depressive disorder; Depression; Malaria; Male breast neoplasm; Male hypogonadism; Male infertility; Malignant fibrous histiocytoma; Undifferentiated pleomorphic sarcoma; Malignant hyperthermia; Malignant mesothelioma; Mesothelioma; Malignant peripheral nerve sheath tumours; MALS; Median arcuate ligament syndrome; Mammary duct ectasia; Manic-depressive illness; Bipolar disorder; Marfan

syndrome; Mastalgia; Breast pain; Mastitis; MCAD deficiency; Muscular dystrophy; ME/CFS; Chronic fatigue syndrome; Measles; Rubella; Medial epicondylitis; Golfer's elbow; Medial tibial stress syndrome; Shin splints; Median arcuate ligament syndrome; MALS; Medication overuse headaches; Mediterranean anaemia; Thalassaemia; Medulloblastoma; Megacolon; Hirschsprung's disease; Megaloblastic anaemia; Vitamin deficiency anaemia; Melanoma; Melanoma of the eye; Eye melanoma; MEN 2; Multiple endocrine neoplasia; Meniere's disease; Meningioma; Meningitis; Meniscus tear; Torn meniscus; Menopause; Menorrhagia; heavy menstrual bleeding; Menstrual cramps; Mental illness; Meralgia paresthetica; Merkel cell carcinoma; Mesenteric ischemia; Mesenteric lymphadenitis; Mesothelioma; Metabolic syndrome; Metachromatic leukodystrophy; Metastatic brain neoplasm; Brain metastases; Metatarsalgia; Methicillin-resistant staphylococcus aureus infection; MRSA infection; MGUS; Monoclonal gammopathy of undetermined significance; Microcephaly; Microscopic colitis; Microscopic haematuria; Migraine; Migraine with aura; Mild cognitive impairment; MCI; Miliaria; Heat rash; Milk allergy; Milk intolerance; Miscarriage; Mitral valve disease; Mitral valve prolapse; Mitral valve regurgitation; Mitral valve stenosis; Mittelschmerz; Mixed connective tissue disease; Molar pregnancy; Mold allergy; Moles; Molluscum contagiosum; Mono; Monoclonal gammopathy of undetermined significance; MGUS; Mononucleosis; Mood disorders; Morning sickness; Morphea; Morton's neuroma; Mosquito bites; Mouth neoplasm; Movement disorders; Moyamoya disease; MRSA infection; MSA; Multiple system atrophy; Mucocutaneous lymph node syndrome; Kawasaki disease; Multiple endocrine neoplasia type 1; Multiple endocrine neoplasia, type 1; MEN 1; Multiple endocrine neoplasia, type 2; MEN 2; Multiple myeloma; Multiple sclerosis; Multiple system atrophy; MSA; Multisystem inflammatory syndrome in children; MIS-C; Mumps; Muscle cramp; Muscle strains; Muscular dystrophy; Myalgic encephalomyelitis; Chronic fatigue syndrome; Myasthenia gravis; Myelodysplastic syndromes; Myelofibrosis; Myocardial infarction; Heart attack; Myocardial ischemia; Myocarditis; Myoclonus; Myofascial pain syndrome; Myopia; Nearsightedness; Myxofibrosarcoma; Nail fungus; Narcissistic personality disorder; Narcolepsy; Nasal tumours; paranasal tumours; Nasal polyps; Nasopharyngeal carcinoma; Nearsightedness; Neck pain; Neuroblastoma; Wilms tumour; Nephrogenic systemic fibrosis; Nephrotic syndrome; Postherpetic neuralgia; Trigeminal neuralgia; Neuroblastoma; Neurocardiogenic syncope; Vasovagal syncope; Neurodermatitis; Neuroendocrine carcinoma of the skin; Merkel cell carcinoma; Neuroendocrine tumours; Neurofibroma; Neurofibromatosis; Neurofibrosarcoma (See: Neurofibrosarcoma, also known as Malignant peripheral nerve sheath tumours); Acoustic neuroma; Morton's neuroma; Neuromyelitis optica; Neuromyelitis optica spectrum disorder; Autonomic neuropathy; Diabetic neuropathy; Charcot-Marie-Tooth disease; Peripheral neuropathy; Nevus; Moles; Nickel allergy; Nicotine addiction; Nicotine dependence; Niemann-Pick; Nightmare disorder; Nighttime incontinence; Bed-wetting; Neuromyelitis optica; Nocturnal enuresis; Noise-related hearing loss; Hearing loss; Nonalcoholic fatty liver disease; Nonallergic rhinitis; Non-Hodgkin's lymphoma; Nonischemic priapism; Priapism; Nonmelanoma skin neoplasm; Nontropical sprue; Nonulcer dyspepsia; Functional dyspepsia; Noonan syndrome; Norovirus infection; Nose fracture; Broken nose; Nymphomania; Compulsive sexual behavior; Overactive bladder; Obesity; Childhood obesity; Obsessive-compulsive disorder; Obstetric cholestasis; Cholestasis of pregnancy; Obstructive sleep apnea; Occupational asthma; Ocular albinism; Albinism; Ocular rosacea; Oculocutaneous albinism; Oculosympathetic palsy; Horner syndrome; Oppositional defiant disorder; Odontogenic tumours; Jaw tumours; Ovarian hyperstimulation syndrome; Olfactory neuroblastoma; Esthesioneuroblastoma; Oligodendroglioma; Onychomycosis; Nail fungus; Oppositional defiant disorder; Optic neuritis; Oral neoplasm; Mouth neoplasm; Oral candidiasis; Oral thrush; Oral lichen planus; Oral thrush; Orchitis; Orthostatic hypotension; postural hypotension; Osteoarthritis; Cervical spondylosis; Osteochondritis dissecans; Osteogenic sarcoma; Osteosarcoma; Osteomyelitis; Osteonecrosis; Avascular necrosis; Osteophytes; Bone spurs; Osteoporosis;

Osteosarcoma; Otitis externa; Otitis media; Ear infection; Outer ear infection; Ovarian neoplasm; Ovarian cysts; Ovarian hyperstimulation syndrome; Overactive bladder; Overactive thyroid; Hyperthyroidism; Oxyphil cell carcinoma; Hurthle cell neoplasm; Peripheral artery disease; Popliteal artery entrapment syndrome; Paget's disease of bone; Paget's disease of the breast; Back pain; Chest pain; Wrist pain; Painful bladder syndrome; Interstitial cystitis; Painful intercourse; dyspareunia; Painful periods; Menstrual cramps; Bell's palsy; Cerebral palsy; Pancreas inflammation; Pancreatitis; Pancreatic neoplasm; Pancreatic cysts; Pancreatic neuroendocrine tumours; Pancreatitis; Panic attacks; panic disorder; Partial anomalous pulmonary venous return; Paraganglioma; Paraneoplastic neurological disorder; Paraneoplastic neurological syndrome; Paraneoplastic syndromes of the nervous system; Parkinson's disease; Parotid tumours; Partial anomalous pulmonary venous connection; Partial anomalous pulmonary venous return; Parvovirus infection; Patellar tendinitis; Patellofemoral pain syndrome; Patent ductus arteriosus; Patent foramen ovale; Pathological gambling; Compulsive gambling; Pathological laughter; pathological crying; Pseudobulbar affect; Pathological stealing; Kleptomania; Pseudobulbar affect; Polycystic ovary syndrome; Patent ductus arteriosus; Peanut allergy; Pectus excavatum; Pediatric brain tumours; Pediatric obstructive sleep apnea; Pediatric white blood cell disorders; Pediculosis capitis; Head lice; Pelvic inflammatory disease; Pelvic organ prolapse; Chronic pelvic pain in women; Uterine prolapse; Pemphigus; Penicillin allergy; Peptic ulcer; Perforated eardrum; Ruptured eardrum; Pericardial effusion; Pericardial inflammation; Pericarditis; Perimenopause; Gingivitis; Periodontitis; Periodontitis; Peripheral artery disease; Peripheral nerve injuries; Peripheral nerve tumours; Peripheral neuropathy; Peripheral vascular disease; Peritonitis; Pernicious anaemia; Vitamin deficiency anaemia; Pernio; Chilblains; Peroneal muscular atrophy; Charcot-Marie-Tooth disease; Persistent depressive disorder; Persistent post-concussive symptoms; Post-concussion syndrome; Antisocial personality disorder; Borderline personality disorder; Narcissistic personality disorder; Schizoid personality disorder; Schizotypal personality disorder; Personality disorders; Pertussis; Whooping cough; Pes planus; Pet allergy; Petit mal seizure; Absence seizure; Peyronie's disease; Pharyngitis; Sore throat; Phenylketonuria; Pheochromocytoma; Phlebitis; Thrombophlebitis; Social anxiety disorder; Pick's disease; Frontotemporal dementia; Pelvic inflammatory disease; Piles; Haemorrhoids; Pilonidal cyst; Pilonidal dimple; Sacral dimple; Pimples; Acne; Pinched nerve; Pineoblastoma; Pink eye; conjunctivitis; Pinworm infection; Pituitary insufficiency; Hypopituitarism; Pituitary tumours; Pityriasis rosea; Pityriasis versicolor; Tinea versicolor; Polycystic kidney disease; Phenylketonuria; Placenta accreta; Placenta previa; Placental abruption; Plague; Plantar fasciitis; Plantar neuroma; Plantar warts; Pleurisy; Pleuritis; Primary lateral sclerosis; Pneumonia; Pneumonitis; Pneumothorax; POEMS syndrome; Poison ivy rash; Polio; Polycystic kidney disease; Polycystic ovary syndrome; Polycythemia vera; Polyhydramnios; Polymorphous light eruption; Polymyalgia rheumatica; Polymyositis; Colon polyps; Uterine polyps; Nasal polyps; Stomach polyps; Uterine polyps; Dyshidrosis; Poor color vision; Color blindness; Popliteal artery aneurysm; Popliteal artery entrapment syndrome; Popliteal cyst; Baker cyst; Porphyria; Post-cardiac injury syndrome; Dressler syndrome; Post-chemotherapy cognitive impairment; Chemo brain; Post-concussion syndrome; Persistent post-concussive symptoms; Posterior cortical atrophy; Posterior prolapse; Posterior vaginal prolapse; rectocele; Postherpetic neuralgia; Postmyocardial infarction syndrome; Dressler syndrome; Postpartum depression; Postpartum preeclampsia; Post-polio syndrome; Post-traumatic stress disorder; PTSD; Postural hypotension; Orthostatic hypotension; Post-vasectomy pain syndrome; Pouchitis; Prader-Willi syndrome; Prader-Willi syndrome; Precocious puberty; Prediabetes; Preeclampsia; Preexcitation syndrome; Wolff-Parkinson-White syndrome; Pregnancy-related hypertension; Premature birth; Premature ejaculation; Premature ovarian failure; Primary ovarian insufficiency; Premature puberty; Precocious puberty; Premature ventricular contractions; Premenstrual syndrome; Premenstrual syndrome (PMS); Presbycusis; Hearing loss; Presbyopia; Prescription drug abuse; Pressure sore;

Bedsore; Pressure ulcer; Preterm labor; Priapism; Prickly heat; Heat rash; Primary adrenal insufficiency; Addison's disease; Primary biliary cholangitis; Primary biliary cirrhosis; Primary immunodeficiency; Primary lateral sclerosis; Primary ovarian insufficiency; Primary polycythemia; Polycythemia vera; Primary progressive aphasia; Primary sclerosing cholangitis; Proctitis; Progeria; Progressive supranuclear palsy; Prolactinoma; Mitral valve prolapse; Prolapsed bladder; Anterior vaginal prolapse; cystocele; Prolapsed uterus; Uterine prolapse; Prostate neoplasm; Prostate gland enlargement; Benign prostatic hyperplasia; Prostatitis; Pruritis ani; Anal itching; Pruritus; Itchy skin; Pseudobulbar affect; Pseudocholinesterase deficiency; Pseudogout; Pseudomembranous colitis; Pseudotumour cerebri; idiopathic intracranial hypertension; Psoriasis; Psoriatic arthritis; Puffy eyes; Bags under eyes; Pulmonary atresia; Pulmonary atresia with intact ventricular septum; Pulmonary atresia with ventricular septal defect; Pulmonary edema; Pulmonary embolism; Pulmonary fibrosis; Pulmonary hypertension; Pulmonary valve disease; Pulmonary valve stenosis; Premature ventricular contractions; Post-vasectomy pain syndrome; Pyelonephritis; Kidney infection; Pyloric stenosis; Pyoderma gangrenosum; Rheumatoid arthritis; Rabies; Radiation enteritis; Radiation sickness; Ramsay Hunt syndrome; Rapid gastric emptying; Rapid heartbeat; Tachycardia; Poison ivy rash; Raynaud's disease; Reactive arthritis; Reactive attachment disorder; Dyslexia; Rebound headache; Medication overuse headaches; Rectal neoplasm; Rectal inflammation; Proctitis; Rectal itching; Anal itching; Rectal prolapse; Rectal ulcer; Solitary rectal ulcer syndrome; Rectovaginal fistula; Recurrent breast neoplasm; Recurrent oral ulcers; Canker sore; Red eye; Subconjunctival haemorrhage; broken blood vessel in eye; Bile reflux; Vesicoureteral reflux; Aortic valve regurgitation; Mitral valve regurgitation; Reiter's syndrome; Reactive arthritis; REM sleep behavior disorder; Renal artery stenosis; Renal neoplasm; Kidney neoplasm; Acute kidney failure; Renal lithiasis; Kidney stones; Residual limb pain; Respiratory syncytial virus; Restless legs syndrome; Retinal detachment; Retinal diseases; Retinoblastoma; Diabetic retinopathy; Retractable testicle; Retrograde ejaculation; Rett syndrome; Reye's syndrome; Rhabdomyosarcoma; Rheumatic fever; Rheumatoid arthritis; Hay fever; Nonallergic rhinitis; Nonallergic rhinitis; Rib fracture; Broken ribs; Rickets; Rift Valley fever; Viral haemorrhagic fevers; Ringing in the ear; Tinnitus; Ringworm; Ringworm of the foot; Restless legs syndrome; Road rage; Intermittent explosive disorder; Rosacea; Roseola; Rotator cuff injury; Rotavirus; Round back; Kyphosis; Respiratory syncytial virus; Rubella; Rubeola; Measles; Rumination syndrome; Runner's knee; Patellofemoral pain syndrome; Ruptured disk; Herniated disk; Ruptured eardrum; perforated eardrum; Ruptured spleen; Sacral dimple; Sacroiliitis; Seasonal affective disorder; Salivary gland tumours; Salmonella infection; Salmonellosis; Sarcoidosis; Sarcoma; Bone neoplasm; Soft tissue sarcoma; Small intestinal bacterial overgrowth; Scabies; Spontaneous coronary artery dissection; Scalded mouth syndrome; Burning mouth syndrome; Scarletina; Scarlet fever; Schizoaffective disorder; Schizoid personality disorder; Schizophrenia; Childhood schizophrenia; Schizotypal personality disorder; Schwannoma; Spinal cord injury; Sciatica; Scleroderma; Sclerosing cholangitis; Primary sclerosing cholangitis; Sclerosing mesenteritis; Multiple sclerosis; Scleroderma; Scoliosis; Scorpion sting; Scrotal masses; Seasonal affective disorder; Seasonal allergy; Hay fever; Sebaceous carcinoma; Sebaceous cysts; Epidermoid cysts; Seborrhic dermatitis; Seborrhic keratosis; Secondary brain neoplasm; Brain metastases; Secondary hypertension; Chronic fatigue syndrome; Seizure disorder; Epilepsy; Absence seizure; Febrile seizure; Grand mal seizure; Absence seizure; Temporal lobe seizure; Seizures; Selective IgA deficiency; Self harming; Self-injury; Separation anxiety disorder; Sepsis; Atrial septal defect; Atrioventricular canal defect; Ventricular septal defect; Septic arthritis; Serotonin syndrome; Severe acute respiratory syndrome; SARS; Coma; Sex headaches; Female sexual dysfunction; Sexual obsession; Compulsive sexual behavior; Sexually transmitted diseases; Shaken baby syndrome; Shellfish allergy; Shigella infection; Shin splints; Shingles; Short bowel syndrome; Shoulder dislocation; Dislocated shoulder; Shy-Drager syndrome; Multiple system atrophy; Small intestinal bacterial overgrowth; Sick sinus syndrome; Sick cell

anaemia; Sudden infant death syndrome; Sin Nombre virus infection; Hantavirus pulmonary syndrome; Sinus headaches; Acute sinusitis; Chronic sinusitis; Sjogren's syndrome; Skin neoplasm; Melanoma; Itchy skin; pruritus; Skipped heartbeats; Heart palpitations; Slapped cheek disease; Parvovirus infection; Sleep apnea; Pediatric obstructive sleep apnea; Central sleep apnea; Obstructive sleep apnea; Sleep disorders; Sleep terrors; night terrors; Narcolepsy; Sleeplessness; Insomnia; Sleepwalking; Slipped disk; Herniated disk; Slow heartbeat; Bradycardia; Small bowel bacterial overgrowth; Small intestinal bacterial overgrowth; Small bowel neoplasm; Small bowel prolapse; enterocele; Small intestinal bacterial overgrowth; Small intestine prolapse; Small vessel disease; Smallpox; Snoring; Social anxiety disorder; social phobia; Soft palate neoplasm; Soft tissue sarcoma; Solar keratosis; Actinic keratosis; Solar lentigines; Age spots; Solitary fibrous tumour; Solitary rectal ulcer syndrome; Somatic symptom disorder; Somnambulism; Sore throat; Spasmodic torticollis; Cervical dystonia; Specific phobias; Specific reading disability; Spermatocoele; Spider bites; Spina bifida; Spinal arteriovenous malformation; Spinal cord injury; Spinal cord tumour; Spinal curvature; Scoliosis; Spinal headaches; Spinal stenosis; Splenomegaly; Enlarged spleen; Cervical spondylosis; Spontaneous coronary artery dissection; Sprained ankle; Sprains; Squamous cell carcinoma of the skin; Stage 4 prostate neoplasm; Stammering; Stuttering; Staph infections; Sexually transmitted diseases; Steele-Richardson-Olszewski syndrome; Progressive supranuclear palsy; Stein-Leventhal syndrome; Polycystic ovary syndrome; Stenosing tenosynovitis; Trigger finger; Aortic valve stenosis; Mitral valve stenosis; Pulmonary valve stenosis; Pyloric stenosis; Spinal stenosis; Stevens-Johnson syndrome; Stickler syndrome; Bee sting; Jellyfish stings; Scorpion sting; Stomach neoplasm; Stomach flu; Viral gastroenteritis; Functional dyspepsia; Stomach polyps; Stomatodynia; Burning mouth syndrome; Stool holding; Encopresis; Strawberry haemangioma; Haemangioma; Strep throat; Stress cardiomyopathy; Broken heart syndrome; Stress fractures; Stress incontinence; Stretch marks; Stroke; Stump pain; Residual limb pain; Stuttering; Sty; sty; Subarachnoid hemorrhage; Subconjunctival hemorrhage; broken blood vessel in eye; Subfertility; Infertility; Substance abuse disorder; Drug addiction; substance use disorder; Sudden cardiac arrest; Sudden infant death syndrome; Suicide; suicidal thoughts; Sun allergy; Sun poisoning; Polymorphous light eruption; Sunburn; Sunken chest; Pectus excavatum; Supranuclear palsy; Progressive supranuclear palsy; Supraventricular tachycardia; Suspicious breast lumps; Supraventricular tachycardia; body odor; Hyperhidrosis; Swelling; oEdema; Swimmer's itch; Swollen knee; Swollen lymph nodes; Syndrome X; Metabolic syndrome; Synostosis; Craniosynostosis; Synovial sarcoma; Syphilis; Syringomyelia; Systemic exertional intolerance disease; Chronic fatigue syndrome; Systemic lupus erythematosus; Lupus; Systemic mastocytosis; Systemic sclerosis; Scleroderma); Tachycardia; Takayasu's arteritis; Takotsubo cardiomyopathy; Broken heart syndrome; Tapeworm infection; Total anomalous pulmonary venous return; Tay-Sachs disease; Tuberculosis; Traumatic brain injury; Dry eyes; Teen depression; Teeth grinding; Bruxism; Temporal arteritis; Giant cell arteritis; Temporal lobe seizure; Temporomandibular disorders; TMJ disorders; Temporomandibular joint disorders; TEN; Tendinitis; Achilles tendinitis; Patellar tendinitis; Tennis elbow; Tenosynovitis, de Quervain's; De Quervain tenosynovitis; Tension headache; Retractable testicle; Undescended testicle; Testicular neoplasm; Testicular torsion; Testosterone deficiency; Male hypogonadism; Tetanus; Tetralogy of Fallot; Transient global amnesia; Thalassemia; Thoracic aortic aneurysm; Thoracic outlet syndrome; Three-day measles; Throat neoplasm; Thromboangiitis obliterans; Buerger disease; Thrombocytopenia; Thrombocytosis; Thrombophlebitis; Oral thrush; Thumb arthritis; Thunderclap headaches; Thyroid neoplasm; Thyroid gland enlargement; Goiter; Thyroid nodules; Hyperthyroidism; overactive thyroid; Hashimoto's disease; Transient ischemic attack; Tic douloureux; Trigeminal neuralgia; Tinea barbae; Folliculitis; Tinea capitis; Ringworm; Tinea corporis; Jock itch; Tinea pedis; Athlete's foot; Tinea versicolor; Tinnitus; TMJ disorders; Toe walking in children; Toenail fungus; Tongue neoplasm; Tongue tie; Tongue-tie; ankyloglossia; Tonic-clonic seizure; Grand mal seizure; Tonsil neoplasm; Tonsillitis; Tooth abscess; Tooth decay; Cavities; Torn

meniscus; Testicular torsion; Cervical dystonia; Total anomalous pulmonary venous connection; Total anomalous pulmonary venous return; Tourette syndrome; Toxemia; Preeclampsia; Toxic epidermal necrolysis; Toxic hepatitis; Toxic shock syndrome; Toxoplasmosis; Trachoma; Transient global amnesia; Transient ischemic attack; Transposition of great vessels; Transposition of the great arteries; Transverse myelitis; Traumatic brain injury; Traumatic grief; Complicated grief; Traveler's diarrhea; Trichinosis; Trichomoniasis; Trichotillomania; hair-pulling disorder; Tricuspid atresia; Tricuspid valve disease; Tricuspid valve regurgitation; Trigeminal neuralgia; Trigger finger; Triple X syndrome; Trisomy 21 syndrome; Down syndrome); Trisomy X; Triple X syndrome; Trouble swallowing; Dysphagia; Truncus arteriosus; Tuberculosis; Tuberos sclerosis; Salivary gland tumours; Turner syndrome; Tympanic membrane perforation; Ruptured eardrum; perforated eardrum; Type 1 diabetes; Type 1 diabetes in children; Type 2 diabetes; Type 2 diabetes in children; Typhoid fever; Canker sore; Peptic ulcer; Solitary rectal ulcer syndrome; Ulcerative colitis; Ulnar wrist pain; Ulnar-sided wrist pain; Umbilical hernia; Uncontrollable laughter; uncontrollable crying; Pseudobulbar affect; Underactive thyroid; Hypothyroidism; Under-eye puffiness; Bags under eyes; Undescended testicle; Undifferentiated pleomorphic sarcoma; Upset stomach; Indigestion; Ureteral neoplasm; Ureteral obstruction; Urethral stricture; Urinary incontinence; Urinary tract infection; Urine color; Blood in urine; haematuria; Urticaria; Hives; angioedema; Chronic hives; Uterine neoplasm; Endometrial neoplasm; Uterine fibroids; Uterine leiomyoma; Uterine fibroids; Uterine myoma; Uterine polyps; Uterine prolapse; Uterus didelphys; Double uterus; Uveitis; Vaginal agenesis; Vaginal atrophy; Vaginal neoplasm; Vaginal candidiasis; Yeast infection; Vaginal fistula; Posterior vaginal prolapse; rectocele; Vaginitis; Valley fever; Valvular heart disease; Heart valve disease; Variant CJD; Creutzfeldt-Jakob disease; Varicella; Chickenpox; oEsophageal varices; Varicocele; Varicose veins; Variola; Smallpox; Vascular dementia; Vascular rings; Vasculitis; Vasomotor rhinitis; Nonallergic rhinitis; Vasovagal syncope; vCJD; Creutzfeldt-Jakob disease; Velocardiofacial syndrome; DiGeorge syndrome; 22q11.2 deletion syndrome; Venereal warts; Genital warts; Ventricular fibrillation; Ventricular premature contraction; Premature ventricular contractions; Ventricular septal defect; Ventricular tachycardia; Vertebral tumour; Vesicoureteral reflux; Vestibular schwannoma; Acoustic neuroma; V-fib; Ventricular fibrillation; Viral gastroenteritis; stomach flu; Viral hemorrhagic fevers; Vitamin deficiency anaemia; Vitiligo; Vocal cord paralysis; Vocal fold paralysis; Vocal cord paralysis; Voice disorders; Von Willebrand disease; Premature ventricular contractions; Vulvar neoplasm; Vulvodynia; Waldenstrom macroglobulinemia; Common warts; Genital warts; Plantar warts; Genital warts; Water on the knee; Swollen knee; Wegener's granulomatosis; Granulomatosis with polyangiitis; Wermer syndrome; Multiple endocrine neoplasia, type 1; Wermer's syndrome; Wet macular degeneration; Wheat allergy; Whiplash; Whipple's disease; White blood cell disorders in children; Pediatric white blood cell disorders; Whiteheads; Acne; Whooping cough; Wilms tumour; Wilson's disease; Impacted wisdom teeth; Wolff-Parkinson-White syndrome; Wolff-Parkinson-White accessory pathway-related tachycardia; Wrinkles; Wrist fracture; Broken wrist; Wrist pain; Xerosis; Dry skin; Xerostomia; Dry mouth; X-linked agammaglobulinemia; XXX syndrome; Triple X syndrome; Yeast infection; Yersinia pestis; Plague; Yips; Zollinger-Ellison syndrome; Zoster; Shingles; 22q11.2 deletion syndrome; DiGeorge syndrome

Table 3A-2 - Modified Symptom/Disease Phrases from the National Health Service (NHS)

Abdominal aortic aneurysm; Abscess; Acanthosis nigricans; Achalasia; Acid and chemical burns; Acid reflux; Acne; Acoustic neuroma; vestibular schwannoma; Acromegaly; Actinic keratoses; solar

keratoses; Actinomycosis; Acute cholecystitis; Acute kidney injury; Acute lymphoblastic leukaemia; Acute myeloid leukaemia; Acute pancreatitis; Acute respiratory distress syndrome; Addison's disease; Adenoidectomy; Age-related cataracts; Age-related macular degeneration; AMD; Agoraphobia; Air embolism; Gas embolism; Albinism; Alcohol misuse; Alcohol poisoning; Alcohol-related liver disease; Alkaptonuria; Allergic rhinitis; Allergies; Altitude sickness; Alzheimer's disease; Amblyopia; Lazy eye; Amnesia; Memory loss; Amniocentesis; Amputation; Amyloidosis; Anabolic steroid misuse; Anaemia; Iron deficiency anaemia; Anaemia; vitamin B12 deficiency anaemia; folate deficiency anaemia; Anal neoplasm; Anal fissure; Anal fistula; Anal pain; Anaphylaxis; Androgen insensitivity syndrome; Aneurysm; Brain aneurysm; Angelman syndrome; Angina; Angioedema; Animal bites; Ankle pain; Ankylosing spondylitis; Anorexia nervosa; Anosmia; Lost sense of smell; Antiphospholipid syndrome; APS; Antisocial personality disorder; Itchy bottom; Anxiety disorders; Aphasia; Appendicitis; Arrhythmia; Arterial thrombosis; Arthritis; Asbestosis; Asperger's; Autism; Aspergillosis; Asthma; Astigmatism; Ataxia; Atherosclerosis; Athlete's foot; Atopic eczema; Atrial fibrillation; Attention deficit hyperactivity disorder; ADHD; Auditory processing disorder; APD; Autism; Autosomal dominant polycystic kidney disease; Autosomal recessive polycystic kidney disease; Avian flu; Bird flu; Back pain; Bacterial vaginosis; Bad breath; Baker's cyst; Balanitis; Bartholin's cyst; Basal cell carcinoma; Skin neoplasm; Bedwetting; Behçet's disease; Bell's palsy; Benign brain tumour; Benign prostate enlargement; Bile duct neoplasm; cholangiocarcinoma; Bilharzia; Schistosomiasis; Binge eating disorder; Biopsy; Bipolar disorder; Bird flu; Birthmarks; Bite; Black eye; Bladder neoplasm; Bladder pain syndrome; interstitial cystitis; Bladder stones; Postmenopausal bleeding; rectal bleeding; Blepharitis; Blindness and vision loss; Blisters; Blood clots; Blood poisoning; Sepsis; High blood pressure; hypertension; Low blood pressure; Blood transfusion; cyanosis; Body dysmorphic disorder; Body odour; Boils; Bone neoplasm; Bone cyst; Borderline personality disorder; Botulism; Bowel neoplasm; Bowel incontinence; Bowen's disease; Brachycephaly; Plagiocephaly; flat head syndrome; Brain abscess; Brain aneurysm; Brain death; Brain haemorrhage; Subarachnoid haemorrhage; Brain tumour; Benign brain tumour; Malignant brain tumour; brain neoplasm; Brain tumours; Breast abscess; Breast neoplasm in men; Breast neoplasm in women; Breast lumps; Broken ankle; Broken arm or wrist; Broken collarbone; Broken finger or thumb; Broken hip; Broken leg; Broken nose; Broken ribs; Broken toe; Bronchiectasis; Bronchiolitis; Bronchitis; Brucellosis; Brugada syndrome; Bruxism; Teeth grinding; Bulging eyes; exophthalmos; Bulimia; Bullous pemphigoid; Bunions; Burns; scalds; Bursitis; Buttock pain; Sciatica; CABG; Coronary artery bypass graft; Neoplasm; Carbon monoxide poisoning; Cardiomyopathy; Cardiovascular disease; Carpal tunnel syndrome; Cat bites; Cataract surgery; Cataracts; Age-related cataracts; Childhood cataracts; Catarrh; Cavernoma; Cavernous sinus thrombosis; Cellulitis; Cerebral palsy; Cervical neoplasm; Cervical rib; Cervical spondylosis; Charcot-Marie-Tooth disease; Charles Bonnet syndrome; Chest infection; Chest pain; Chiari malformation; Chickenpox; Chilblains; Childhood cataracts; Chipped tooth; Chlamydia; Cholangiocarcinoma; Bile duct neoplasm; Cholecystitis; Acute cholecystitis; Cholera; Cholesteatoma; High cholesterol; Chorionic villus sampling; Chronic fatigue syndrome; ME/CFS; Myalgic encephalomyelitis; Chronic kidney disease; Chronic lymphocytic leukaemia; Chronic myeloid leukaemia; Chronic obstructive pulmonary disease; COPD; Chronic pancreatitis; Chronic traumatic encephalopathy; Cirrhosis; CJD, see Creutzfeldt-Jakob disease; Claustrophobia; Cleft lip; Cleft palate; Clinical depression; Clostridium difficile; Club foot; Cluster headaches; Coccyx pain; Tailbone pain; Coeliac disease; Cold sores; Colic; Colon neoplasm; Bowel neoplasm; Colour blindness; Colour vision deficiency; Coma; Common cold; Compartment syndrome; Complex regional pain syndrome; Concussion; Head injury; Confusion; Sudden confusion; delirium; Congenital heart disease; Congenital hip dislocation; Developmental dysplasia of the hip; Conjunctivitis; Constipation; Contact dermatitis; Corns and calluses; Coronary angioplasty; stent insertion; Coronary artery bypass graft; Coronary heart disease; COVID-19; Corticobasal degeneration; Costochondritis; COVID-19; Cradle cap;

Craniosynostosis; Creutzfeldt-Jakob disease; Crohn's disease; Croup; Cushing's syndrome; Cyclical vomiting syndrome; Cyclospora; Cyclothymia; Cystic fibrosis; Cystitis; Dandruff; Deaf; blindness; Deafness; Hearing loss; Decompression sickness; gas embolism; Dehydration; Dementia; Frontotemporal dementia; Dementia; Vascular dementia; Dementia with Lewy bodies; Dengue; Dental abscess; Dental pain; Toothache; Depression; Detached retina; retinal detachment; Developmental co-ordination disorder; dyspraxia; Developmental dysplasia of the hip; Diabetes; Diabetes; Type 1 diabetes; Type 2 diabetes; Gestational diabetes; Diabetes insipidus; Diabetic ketoacidosis; Diabetic retinopathy; Differences in sex development; DiGeorge syndrome; 22q11 deletion; Diphtheria; Discoid eczema; Dislocated kneecap; Dislocated shoulder; Disorders of consciousness; Dissociative disorders; Diverticular disease; diverticulitis; Dog bites; Double vision; Down's syndrome; Dry mouth; Dupuytren's contracture; DVT; deep vein thrombosis; Dwarfism; Restricted growth; Dysarthria; difficulty speaking; Dysentery; Dyslexia; Dysphagia; Dystonia; Ear infections; Earache; Perforated eardrum; Early menopause; Early puberty; Delayed puberty; Eating disorders; Ebola virus disease; Ectopic beats; Heart palpitations; Ectopic pregnancy; Ectropion; Eczema; Atopic eczema; Contact dermatitis; Discoid eczema; Varicose eczema; Edwards' syndrome; trisomy 18; Ehlers-Danlos syndromes; Ejaculation problems; Embolism; Emollients; Empyema; Encephalitis; Endocarditis; Endometrial neoplasm; uterus neoplasm; Endometriosis; Epidermolysis bullosa; Epididymitis; Epiglottitis; Epilepsy; Erectile dysfunction; impotence; Erythema multiforme; Erythema nodosum; Erythrocytosis; Erythromelalgia; Essential tremor; Tremor; Ewing sarcoma; hypersomnia; hirsutism; hyperhidrosis; Excessive thirst; Eye neoplasm; Eye flashes; Floaters; Eye floaters; Eye infection; Herpes simplex eye infections; Eye injuries; Eyelid problems; Face blindness; Prosopagnosia; Fainting; Falls; Febrile seizures; Fibroids; Fibromyalgia; Flat feet; Plagiocephaly; brachycephaly; Flu; Foetal alcohol spectrum disorder; Food allergy; Food poisoning; Foot drop; Tight foreskin; phimosis; Frontotemporal dementia; Frostbite; Frozen shoulder; Functional neurological disorder; Fungal nail infection; Gallbladder neoplasm; Acute cholecystitis; Gallstones; Ganglion cyst; Gangrene; Gastritis; Gastro-oesophageal reflux disease; GORD; Heartburn; acid reflux; Gastroenteritis; Gastroparesis; Gender dysphoria; anxiety disorder; Genital herpes; Genital warts; German measles; Rubella; Gestational diabetes; Giant cell arteritis; Temporal arteritis; Giardiasis; Gigantism; Acromegaly; Gilbert's syndrome; Glandular fever; Glaucoma; Glomerulonephritis; Glue ear; Glutaric aciduria type 1; Goitre; Gonorrhoea; Gout; Granuloma annulare; Granulomatosis with polyangiitis; Group B strep; Guillain-Barré syndrome; Gum disease; Haemochromatosis; Haemophilia; Haemophilus influenzae; Haemorrhoids; Piles; Hair loss; Hairy cell leukaemia; Halitosis; Bad breath; Hallucinations; Hamstring injury; Hand, foot and mouth disease; Hay fever; Head neoplasm; neck neoplasm; Head injury; concussion; Hearing loss; Heart attack; Heart block; Heart disease; Coronary heart disease; Heart failure; Arrhythmia; Heart valve problems; Mitral valve problems; Heat exhaustion; heatstroke; Heat rash; prickly heat; Heavy periods; Henoch-Schönlein purpura; HSP; Hepatitis; Hepatitis A; Hepatitis B; Hepatitis C; Hereditary haemorrhagic telangiectasia; HHT; Hereditary neuropathy; Hereditary spastic paraplegia; Hernia; Femoral hernia; Hiatus hernia; Inguinal hernia; Umbilical hernia; Herpes; Genital herpes; Herpes simplex eye infections; Herpetic whitlow; whitlow finger; Hiatus hernia; Hidradenitis suppurativa; High blood pressure; hypertension; High blood sugar; hyperglycaemia; High cholesterol; Hip dysplasia; Developmental dysplasia of the hip; Hip replacement; Hirschsprung's disease; HIV and AIDS; Hives; Hoarding disorder; Hodgkin lymphoma; Homocystinuria; Hookworm; Worms in humans; Hormone headaches; Hughes syndrome; Antiphospholipid syndrome; APS; Human bites; Human papillomavirus; HPV; Huntington's disease; Hydrocephalus; Hydronephrosis; Hyperacusis; Noise sensitivity; Hyperhidrosis; Excessive sweating; Hyperparathyroidism; Hypersomnia; Excessive daytime sleepiness; Hyperthyroidism; Overactive thyroid; Hypoglycaemia; low blood sugar; Hypoparathyroidism; Hypotension; Low blood pressure; Hypothermia; Hypothyroidism; Underactive thyroid; IBS; Irritable bowel syndrome; Ichthyosis;

Idiopathic pulmonary fibrosis; Impetigo; Impotence; Erectile dysfunction; Incontinence; Urinary incontinence; Indigestion; Infected piercings; Infertility; Inflammatory bowel disease; Influenza; Flu; Ingrown hairs; Ingrown toenail; Inguinal hernia repair; Insect bites; insect stings; Insomnia; Interstitial cystitis; Bladder pain syndrome; Intracranial hypertension; Iron deficiency anaemia; Irregular periods; Irritable hip; Isovaleric acidaemia; Itchy bottom; Itchy skin; Japanese encephalitis; Jaundice; Jaw pain; Temporomandibular disorder; TMD; Joint hypermobility syndrome; Kaposi's sarcoma; Kawasaki disease; Keloid scars; Keratosis pilaris; Kidney neoplasm; Kidney failure; Chronic kidney disease; Kidney infection; Kidney stones; Klinefelter syndrome; Knee cartilage damage; Meniscus tear; Knock knees; Knocked-out tooth; Kyphosis; Labial fusion; Labyrinthitis; vestibular neuritis; Lactose intolerance; Lambert-Eaton myasthenic syndrome; Laryngeal neoplasm; Laryngitis; Lazy eye; Learning disabilities; Leg cramps; Leg ulcer; Venous leg ulcer; Legionnaires' disease; Leptospirosis; Weil's disease; Leukaemia; Acute lymphoblastic leukaemia; Acute myeloid leukaemia; Chronic lymphocytic leukaemia; Chronic myeloid leukaemia; Hairy cell leukaemia; Leukoplakia; Lichen planus; Lichen sclerosus; Lipoedema; Lipoma; Listeriosis; Liver neoplasm; Liver disease; Alcohol-related liver disease; Long QT syndrome; Long-sightedness; Lost sense of smell; Low blood pressure; hypotension; Low blood sugar; hypoglycaemia; Low sex drive; loss of libido; Lumbago; Back pain; Lung neoplasm; Lupus; Lyme disease; Lymphoedema; Macular degeneration; Age-related macular degeneration; AMD; Macular hole; Malaria; Male menopause; Malignant brain tumour; brain neoplasm; Mallet finger; Malnutrition; Maple syrup urine disease; Marfan syndrome; Mastitis; Mastocytosis; Mastoiditis; MCADD; Measles; Melanoma skin neoplasm; Meningitis; Meniscus tear; knee cartilage damage; Early menopause; Menstrual pain; Period pain; Mesothelioma; Metabolic syndrome; Metallic taste; Metatarsalgia; Middle East respiratory syndrome; MERS; Migraine; Miscarriage; Mitral valve problems; Molar pregnancy; Moles; Molluscum contagiosum; Morton's neuroma; Motion sickness; Motor neurone disease; Mouth neoplasm; Mouth thrush; Oral thrush; Mouth ulcers; Mpox; MRSA; Mucositis; Multiple myeloma; Multiple sclerosis; Multiple system atrophy; Mumps; Munchausen syndrome; Muscular dystrophy; Myalgic encephalomyelitis; chronic fatigue syndrome; ME/CFS; Myasthenia gravis; Mycobacterium chimaera infection; Myelodysplastic syndrome; myelodysplasia; Myeloma; Multiple myeloma; Myopia; Short-sightedness; Myositis; Polymyositis; dermatomyositis; Ménière's disease; Nail fungal infection; Fungal nail infection; Nail patella syndrome; Nail problems; Nappy rash; Narcolepsy; Nasal neoplasm; Sinus neoplasm; Nasal polyps; Nasopharyngeal neoplasm; Necrotising fasciitis; Neonatal herpes; Nephrotic syndrome; Neuroblastoma; Neuroendocrine tumours; carcinoid syndrome; Neurofibromatosis type 1; Neurofibromatosis type 2; Neuromyelitis optica; Newborn jaundice; Newborn respiratory distress syndrome; Night sweats; Nipple discharge; Noise sensitivity; hyperacusis; Non-alcoholic fatty liver disease; NAFLD; Non-allergic rhinitis; Non-gonococcal urethritis; Non-Hodgkin lymphoma; Noonan syndrome; Nose neoplasm; Obesity; Obsessive compulsive disorder; OCD; Obstructive sleep apnoea; Sleep apnoea; Oesophageal atresia; tracheo-oesophageal fistula; Oesophageal neoplasm; Orf; Osteoarthritis; Osteomalacia; Rickets; Osteomyelitis; Osteophyte; bone spur; Osteoporosis; Otosclerosis; Ovarian neoplasm; Ovarian cyst; Overactive thyroid; hyperthyroidism; Ovulation pain; Paget's disease; Pain in testicles; Testicle pain; Palpitations; Heart palpitations; Pancreatic neoplasm; Pancreatitis; Acute pancreatitis; Chronic pancreatitis; Panic disorder; Paralysis; Parkinson's disease; Patau's syndrome; Pelvic inflammatory disease; Pelvic organ prolapse; Pelvic pain; Pemphigus vulgaris; Penile neoplasm; Perforated eardrum; Pericarditis; Heavy periods; Irregular periods; Stopped periods; missed periods; Peripheral arterial disease; PAD; Peripheral neuropathy; Peritonitis; Persistent trophoblastic disease; choriocarcinoma; Personality disorders; Pheochromocytoma; Phenylketonuria; Phlebitis; thrombophlebitis; Phobias; Piles; haemorrhoids; Pilonidal sinus; Pityriasis rosea; Pityriasis versicolor; Plantar fasciitis; Pleurisy; PMS; premenstrual syndrome; Pneumonia; Poisoning; Polio; Polycystic kidney disease; Autosomal dominant polycystic kidney disease; Autosomal recessive polycystic kidney disease; Polycystic ovary

syndrome; Polyhydramnios; Polymorphic light eruption; Polymyalgia rheumatica; Pompholyx; dyshidrotic eczema; Popliteal cyst; Baker's cyst; Post-herpetic neuralgia; Post-polio syndrome; Post-traumatic stress disorder; PTSD; Postmenopausal bleeding; Postnatal depression; Postpartum psychosis; Postural tachycardia syndrome; PoTS; Prader-Willi syndrome; Pre-eclampsia; Premature ejaculation; Ejaculation problems; Pressure ulcers; pressure sores; Priapism; painful erections; Primary biliary cholangitis; primary biliary cirrhosis; Proctalgia; Anal pain; Progressive supranuclear palsy; Pelvic organ prolapse; Prosopagnosia; face blindness; Prostate neoplasm; Prostate enlargement; Benign prostate enlargement; Prostate problems; Prostatitis; Psoriasis; Psoriatic arthritis; Psychiatry; Psychosis; Psychotic depression; Early puberty; delayed puberty; Pubic lice; Pudendal neuralgia; Pulmonary embolism; Pulmonary fibrosis; Idiopathic pulmonary fibrosis; Pulmonary hypertension; Pyoderma gangrenosum; Q fever; Quinsy; Tonsillitis; Rabies; Rashes in babies and children; Raynaud's; Reactive arthritis; Rectal bleeding; Bleeding from the bottom; Rectal neoplasm; Bowel neoplasm; Red eye; Repetitive strain injury; RSI; Respiratory tract infections; RTIs; Restless legs syndrome; Restricted growth; dwarfism; Retinal detachment; Detached retina; Retinal migraine; Retinoblastoma; eye neoplasm; Rett syndrome; Reye's syndrome; Rhesus disease; Rheumatic fever; Rheumatoid arthritis; Rhinitis; Allergic rhinitis; Rickets; osteomalacia; Ringworm; Rosacea; Roseola; Roundworm; Worms in humans; Rubella; german measles; Salivary gland stones; Sarcoidosis; Scabies; Scarlet fever; Schistosomiasis; bilharzia; Schizophrenia; Sciatica; Scleroderma; Scoliosis; Scurvy; Seasonal affective disorder; SAD; Seizures; Febrile seizures; Selective mutism; Self-harm; Sense of smell; Sepsis; Septic arthritis; Septicaemia; Severe head injury; Sexually transmitted infections; STIs; Shaking; Tremor; Shin splints; Shin splints; Shingles; Short-sightedness; myopia; Sick building syndrome; Sickle cell disease; Silicosis; Sinus neoplasm; Nasal neoplasm; Sinusitis; sinus infection; Sjögren's syndrome; Skin neoplasm; melanoma; Skin cyst; Skin picking disorder; Skin tags; Slapped cheek syndrome; Sleep apnoea; Sleep paralysis; Sleepwalking; Slipped disc; Smelly feet; Smelly urine; Snake bites; Snoring; Social anxiety (social phobia); Soft tissue sarcomas; Solar keratoses; Spina bifida; Spinal muscular atrophy; Spirometry; Spleen problems; Spondylolisthesis; Sprains and strains; Squamous cell carcinoma; Skin neoplasm; Stammering; Staph infection; Stevens-Johnson syndrome; Stillbirth; Stomach neoplasm; Stomach ulcer; missed periods; Strep A; Stretch marks; Stroke; Stuttering; Stammering; Styte; Subarachnoid haemorrhage; Subdural haematoma; Sudden infant death syndrome; SIDS; Superficial thrombophlebitis; Phlebitis; Supraventricular tachycardia (SVT); Dysphagia; swallowing problems; Night sweats; oedema; Swollen glands; Syphilis; Tailbone pain; Coccyx pain; Tay-Sachs disease; Teeth grinding; bruxism; Temporal arteritis; Temporomandibular disorder; TMD; Tendonitis; Tennis elbow; Tension headaches; Testicular neoplasm; Tetanus; Thalassaemia; male menopause; Excessive thirst; Thoracic outlet syndrome; Cervical rib; Threadworms; Thrombophilia; Thumb pain; Thyroid neoplasm; Thyroiditis; TIA; Transient ischaemic attack; Tick-borne encephalitis; TBE; Tinnitus; Tongue neoplasm; Mouth neoplasm; Tonsillitis; Tooth decay; Toothache; Total protein test; Tourette's syndrome; Toxic shock syndrome; Toxocariasis; Toxoplasmosis; Transient ischaemic attack; TIA; Tremor; shaking hands; Trichomoniasis; Trichotillomania; Trigeminal neuralgia; Trigger finger; Trimethylaminuria; Tuberculosis; Tuberos scleriosis; Turner syndrome; Twitching eyes; twitching muscles; Type 1 diabetes; Type 2 diabetes; Typhoid fever; Typhus; Ulcerative colitis; Underactive thyroid; hypothyroidism; Undescended testicles; Unintentional weight loss; Urethritis; Non-gonococcal urethritis; Urinary incontinence; Urinary tract infections; UTIs; Smelly urine; Uterine neoplasm; Uveitis; Vaginal neoplasm; Vaginal discharge; Vaginal dryness; Vaginal pain; Vulvodynia; Vaginismus; Vaginitis; Varicose eczema; Varicose veins; Vascular dementia; Vasculitis; Vegetative state; Venous leg ulcer; Vertigo; Vestibular neuritis; Labyrinthitis; Vestibular schwannoma; Acoustic neuroma; Vitiligo; Diarrhoea; Von Willebrand disease; Vulval neoplasm; Vulvodynia; Warts; verrucas; Watering eyes; Unintentional weight loss; Weil's

disease; Leptospirosis; Whiplash; Whitlow finger; Herpetic whitlow; Whooping cough; Wolff-Parkinson-White syndrome; Yellow fever

Table 3A-3 - Modified Symptom/Disease Phrases from the National Library of Medicine (NLM)

Aortic Aneurysm; Abdominal Aortic Aneurysm; Ectopic Pregnancy; Birth Defects; ABPA; Aspergillosis; Abscess; Achalasia; Esophagus Disorders; Achilles Tendon Injuries; Heel Injuries; Achondroplasia; Dwarfism; Acid Reflux; GERD; Heartburn; ACL Injuries; Knee Injuries; Acne; Rosacea; Acoustic Neuroma; Acquired Immunodeficiency Syndrome; Acromegaly; Growth Disorders; Pituitary Disorders; Actinic Keratosis; Skin Neoplasm; Acute Bronchitis; Acute Flaccid Myelitis; Acute Lymphoblastic Leukaemia; Acute Lymphocytic Leukaemia; Acute Myeloblastic Leukaemia; Acute Myeloid Leukaemia; Acute Pancreatitis; Pancreatitis; Acute Respiratory Distress Syndrome; Respiratory Failure; ADD; Attention Deficit Hyperactivity Disorder; Addison Disease; Adenoma; Benign Tumours; Adenomyosis; Endometriosis; Adenovirus Infections; Viral Infections; ADHD; Attention Deficit Hyperactivity Disorder; Adhesions; Adrenal Gland Neoplasm; Adrenal Gland Disorders; Adrenal Insufficiency; Addison Disease; Adrenoleukodystrophy; Leukodystrophies; Atrial Fibrillation; Age-Related Macular Degeneration; Macular Degeneration; Ageusia; Taste disorder; Smell Disorder; Agoraphobia; AIDS; Airsickness; Motion Sickness; Alagille Syndrome; Liver Diseases; Alcohol Abuse; Alcohol Use Disorder; Alcohol Dependence; Alcoholic Fatty Liver Disease; Fatty Liver Disease; Alcoholism; Acute Lymphocytic Leukaemia; Allergic Bronchopulmonary Aspergillosis; Aspergillosis; Allergic Rhinitis; Allergy; Hay Fever; Allergy; Food Allergy; Latex Allergy; Alopecia; Hair Loss; Alpha-1 Antitrypsin Deficiency; ALS; Amyotrophic Lateral Sclerosis; Alzheimer's Disease; Amblyopia; Macular Degeneration; Amenorrhea; Amino Acid Metabolism Disorders; Acute Myeloid Leukaemia; Amnesia; Amyloidosis; Amyotrophic Lateral Sclerosis; Anal Neoplasm; Anal Disorders; Anaphylaxis; Anaemia; Anencephaly; Neural Tube Defects; Aneurysms; Angiitis; Vasculitis; Angina; Animal Bites; Ankle Injuries; Ankylosing Spondylitis; Anorexia Nervosa; Eating Disorders; Anosmia; Taste disorder; Smell Disorder; Anterior Cruciate Ligament Injury; Knee Injuries; Anthrax; Antibiotic Resistance; Antimicrobial Resistance; Antisocial Personality Disorder; Personality Disorders; Aortic Aneurysm; Aortic Dissection; Aortic Stenosis; Heart Valve Diseases; Aphasia; Aphthous Ulcers; Canker Sores; Aplastic Anaemia; Sleep Apnea; Appendicitis; Arachnoiditis; Meningitis; ARDS; Respiratory Failure; Arm Injuries; Arnold-Chiari Malformation; Chiari Malformation; Arrhythmia; Arteriosclerosis; Atherosclerosis; Arterial Disease; Coronary Artery Disease; Arteriovenous Malformations; Arthritis; Arthrography; Joint Disorders; Artificial Feeding see Nutritional Support; Infertility; Cataract; Asbestosis; Aseptic Meningitis; Meningitis; Aseptic Necrosis; Osteonecrosis; Asperger Syndrome; Autism Spectrum Disorder; Aspergillosis; Asthma; Astigmatism; Refractive Errors; Ataxia; Cerebellar Disorders; Degenerative Nerve Diseases; Friedreich Ataxia; Movement Disorders; Ataxia Telangiectasia; Atelectasis; Collapsed Lung; Atherosclerosis; Coronary Artery Disease; Athlete's Foot; Atopic Dermatitis; Eczema; Atrial Fibrillation; Attention Deficit Hyperactivity Disorder; Auditory Tumour; Acoustic Neuroma; Autism; Autism Spectrum Disorder; Autism Spectrum Disorder; Autoimmune Diseases; Autoinflammatory Disorders; Autonomic Nervous System Disorders; Avascular Necrosis; Osteonecrosis; Avian Influenza; Bird Flu; Arteriovenous Malformations; Babesiosis; Tick Bites; Postpartum Depression; Back Injuries; Back Pain; Bacteremia; Sepsis; Bacterial Infections; Bacterial Vaginosis; Vaginitis; Bad Breath; Baker's Cyst; Knee Injuries; knee Disorders; Balance Problems; Balanitis; Penis Disorders; Barotrauma; Barrett's oEsophagus; oEsophagus Disorders; Basal Cell Carcinoma; Skin Neoplasm; Basedow's Disease; Hyperthyroidism; Bee Stings; Behcet's Syndrome; Bell's Palsy; Benign Prostatic Hypertrophy; Enlarged Prostate; BPH; Benign Tumours; Berry Aneurysm; Brain Aneurysm; Bi-polar Disorder; Bipolar Disorder; Bile Duct Neoplasm; Bile Duct Diseases; Biliary Cirrhosis; Biliary Tract Diseases; Bile Duct Diseases; Gallbladder

Diseases; Alcohol Use Disorder; Eating Disorders; Bird Flu; Birth Defects; Birth Injuries; Childbirth Problems; Spider Bites; Bladder Neoplasm; Bladder Control; Urinary Incontinence; Bladder Diseases; Bladder Infections; Urinary Tract Infections; Bladder Pain Syndrome; Interstitial Cystitis; Bleeding Disorders; Gastrointestinal Bleeding; Blepharospasm; Eyelid Disorders; Blindness; Vision Impairment; Blood Clots; Pulmonary Embolism; Blood Coagulation Disorders; Bleeding Disorders; Haemophilia; Blood Disorders; Blood Platelet Disorders; Platelet Disorders; Blood Poisoning; Sepsis; High Blood Pressure; Low Blood Pressure; Body Lice; Body Odor; Bone Neoplasm; Bone Diseases; Bone Infections; Bone Loss; Osteoporosis; Bone Marrow Diseases; Borderline Personality Disorder; Personality Disorders; Botulism; Bovine Spongiform Encephalopathy; Creutzfeldt-Jakob Disease; Bowel Incontinence; Bowel Obstruction; Intestinal Obstruction; Enlarged Prostate; BPH; Brachial Plexus Injuries; Bradycardia; Arrhythmia; Brain Aneurysm; Brain Attack; Stroke; Brain Neoplasm; Brain Tumours; Brain Concussion; Concussion; Brain Diseases; Genetic Brain Disorders; Brain Hemorrhage; Hemorrhagic Stroke; Brain Injury; Concussion; Brain Malformations; Brain Tumours; Break-bone Fever; Dengue; Breast Neoplasm; Male Breast Neoplasm; Breast Diseases; Breath Odor; Bad Breath; Breathing Problems; Broken Bones; Fractures; Bronchial Asthma; Asthma; Bronchial Disorders; Bronchiectasis; Bronchial Disorders; Bronchiolitis; Bronchial Disorders; Respiratory Syncytial Virus Infections; Bronchitis; Acute Bronchitis; Chronic Bronchitis; Bronchogenic Carcinoma; Lung Neoplasm; Bronchopneumonia; Pneumonia; Spider Bites; Bruises; Bruxism; Tooth Disorders; Creutzfeldt-Jakob Disease; Bubonic Plague; Bulimia; Eating Disorders; Bullous Pemphigoid; Pemphigus; Bullying; Cyberbullying; Bunions; Toe Injuries; toe Disorders; Burns; Bursitis; C. diff Infections; Coronary Artery Disease; Campylobacter Infections; Canavan Disease; Leukodystrophies; Neoplasm; Candidiasis; Yeast Infections; Canker Sores; Carbohydrate Metabolism Disorders; Carbon Monoxide Poisoning; Carcinoid Tumours; Carcinoma; Cardiac Arrest; Sudden Cardiac Arrest; Cardiac Diseases; Heart Diseases; Cardiac Failure; Heart Failure; Cardiomyopathy; Cardiospasm; oEsophagus Disorders; Cardiovascular Diseases; Heart Diseases; Vascular Diseases; Carotid Artery Disease; Ischemic Stroke; Carpal Tunnel Syndrome; Carsickness; Motion Sickness; Cartilage Disorders; Cat Bites; Cat Scratch Disease; Cataract; Causalgia; Complex Regional Pain Syndrome; Cavities; Tooth Decay; Celiac Disease; Cellulitis; Cephalic Disorders; Brain Malformations; Cerebellar Disorders; Cerebral Aneurysm; Brain Aneurysm; Cerebral Haemorrhage; Haemorrhagic Stroke; Cerebral Palsy; Cerebrovascular Disease; Stroke; Cervical Neoplasm; Cervical Dysplasia; Cervix Disorders; Cervical Spine; Neck Injuries; neck Disorders; Cervix Disorders; Chronic Fatigue Syndrome; Chagas Disease; Chalazion; Eyelid Disorders; Charcot-Marie-Tooth Disease; Chest Injuries; chest Disorders; Chest Pain; Heart Failure; Chiari Malformation; Chickenpox; Chikungunya; Chilblains; Frostbite; Child Behavior Disorders; Childbirth Problems; Childhood Asthma; Childhood Brain Tumours; Childhood Neoplasm; Childhood Leukaemia; Childhood Obesity; Chlamydia Infections; Choking; Cholangiocarcinoma; Bile Duct Neoplasm; Cholangitis; Bile Duct Diseases; Gallbladder Diseases; Choledocholithiasis; Gallstones; Cholelithiasis; Cholera; Bile Duct Diseases; Chondrocalcinosis; Gout; Chondromalacia Patellae; Knee Injuries; Chorea; Movement Disorders; Chronic Bronchitis; Chronic Fatigue Syndrome; Chronic Granulocytic Leukaemia; Chronic Myeloid Leukaemia; Chronic Granulomatous Disease; Immune System Disorders; Chronic Kidney Disease; Chronic Lymphocytic Leukaemia; Chronic Myelogenous Leukaemia; Chronic Myeloid Leukaemia; Chronic Myeloid Leukaemia; Chronic Obstructive Pulmonary Disease; COPD; Chronic Pain; Chronic Pancreatitis; Pancreatitis; Churg-Strauss Syndrome; Eosinophilic Disorders; Cicatrix; Scars; Circulatory Disorders; Vascular Diseases; Cirrhosis; CJD; Creutzfeldt-Jakob Disease; CKD; Chronic Kidney Disease; Gonorrhoea; Claudication; Leg Injuries; Peripheral Arterial Disease; Clavicle Injuries; Shoulder Injuries; Cleft Lip; Cleft Palate; Cleft Spine; Spina Bifida; CLL; Chronic Lymphocytic Leukaemia; Clostridioides difficile infections; C. diff Infections; Clostridium difficile infections; Cluster Headache; CML; Chronic Myeloid Leukaemia; CMV Infections; Cytomegalovirus Infections; CO Poisoning; Carbon Monoxide Poisoning; Coal Miner's Lung; Interstitial Lung Diseases;

Coccidioidomycosis; Valley Fever; Tailbone Disorders; Frostbite; Hypothermia; Common Cold; Colic; Colitis; Ulcerative Colitis; Collapsed Lung; Collarbone Injuries; Colon Neoplasm; Colorectal Neoplasm; Colonic Diseases; Colonic Polyps; Color Blindness; Colorado Tick Fever; Tick Bites; Colorectal Neoplasm; Coma; Common Cold; Communicable Diseases; Infectious Diseases; Communication Disorders; Speech disorders; Communication Disorders; Complex Regional Pain Syndrome; Compression Fracture; Spine Injuries; Concussion; Conduct Disorder; Child Behavior Disorders; Condylomata Acuminata; Genital Warts; Congenital Adrenal Hyperplasia; Adrenal Gland Disorders; Congenital Diaphragmatic Hernia; Hernia; Congenital Heart Defects; Congestive Heart Failure; Heart Failure; Conjunctivitis; Pink Eye; Connective Tissue Disorders; Constipation; Contact Dermatitis; Rashes; Cooley's Anaemia; Thalassemia; COPD; Copper Storage Disease; Wilson Disease; Cor Pulmonale; Pulmonary Hypertension; Corneal Disorders; Coronary Arteriosclerosis; Coronary Artery Disease; Costochondritis; Cartilage Disorders; COVID-19; Coronavirus Disease 2019; Coxsackievirus Infections; Viral Infections; Crab Lice; Sexually Transmitted Diseases; Cranial Injuries; Head Injuries; Craniofacial Abnormalities; Craniofacial Injuries; Facial Injuries; Craniosynostosis; Creutzfeldt-Jakob Disease; Crib Death; Sudden Infant Death Syndrome; Crohn's Disease; Crossed Eyes; Eye Movement Disorders; Croup; Cryptococcosis see Fungal Infections; Cryptosporidiosis; Cubital Tunnel Syndrome; Elbow Injuries; Cushing's Syndrome; Cutaneous Disorders; Skin Conditions; CVA; Stroke; Cyclothymic Disorder; Mood Disorders; Cystic Fibrosis; Cystic Kidney Diseases; Kidney Cysts; Cystitis; Interstitial Cystitis; Cystocele; Pelvic Floor Disorders; Cytomegalovirus Infections; Dandruff; Cradle Cap; Scalp Conditions; Dandy-Walker Syndrome; Cerebellar Disorders; Deafness; Hearing Disorders; Hearing Problems; Decubitus Ulcers; Pressure Sores; Deep Vein Thrombosis; Degenerative Joint Disease; Osteoarthritis; Degenerative Nerve Diseases; Dehydration; Delirium; Dementia; Lewy Body Dementia; Dengue; Dental Caries; Tooth Decay; Depression; Dermatitis; Eczema; Rashes; Dermatology; Skin Conditions; Dermatomyositis; Myositis; Developmental Disabilities; Diabetes; Diabetes Insipidus; Diabetes Medicines; Diabetes Mellitus; Diabetes Type 1; Diabetes Type 2; Diabetic Eye Problems; Diabetic Foot; Diabetic Heart Disease; Diabetic Kidney Problems; Diabetic Nephropathy; Diabetic Kidney Problems; Diabetic Nerve Problems; Diabetic Retinopathy; Diabetic Eye Problems; Diaphragmatic Hernia; Hernia; Diarrhoea; Digestive Diseases; Diphtheria; Disabilities; Dislocated Shoulder; Dislocations; Diverticulitis; Diverticulosis; Diverticulitis; Dizziness; Vertigo; Animal Bites; Down Syndrome; Alcohol Use Disorder; Dropsy; oEdema; Drug abuse; Drug Allergies; Drug Addiction; Dry Eye; Duchenne Muscular Dystrophy; Muscular Dystrophy; Duodenal Ulcer; Peptic Ulcer; Dupuytren Contracture; Finger Injuries; DVT; Deep Vein Thrombosis; Dwarfism; Dysautonomia; Autonomic Nervous System Disorders; Dyscalculia; Learning Disabilities; Dysentery; Diarrhoea; Dysfunctional uterine bleeding; Dysgeusia; Smell Disorders; Dyskinesia; Movement Disorders; Dyslexia; Learning Disabilities; Dysmenorrhoea; Period Pain; Dysosmia; Dyspareunia; Dyspepsia; Dysphagia; Swallowing Disorders; Dyspnea; Breathing Problems; Dysthymic Disorder; Depression; Dystonia; Dysuria; E. Coli Infections; Ear Disorders; Ear Infections; Eating Disorders; EBV Infections; Infectious Mononucleosis; OEdema; Food Allergy; Ehlers-Danlos Syndrome; Ehrlichiosis; Tick Bites; Elbow Injuries; Electrical Injuries; Emphysema; Encephalitis; Encopresis; Bowel Incontinence; End-Stage Renal Disease; Kidney Failure; Endocarditis; Endocrine Diseases; Endometrial Neoplasm; Uterine Neoplasm; Endometriosis; Enlarged Prostate; BPH; Enterocele; Hernia; Viral Infections; Eosinophilia; Eosinophilic Disorders; Eosinophilic Esophagitis; Epilepsy; Epstein-Barr Virus Infections; Infectious Mononucleosis; Erectile Dysfunction; Erythema Infectiosum; Fifth Disease; Erythroblastosis Fetalis; Rh Incompatibility; Esophageal Neoplasm; oEsophagus Disorders; ESRD; Kidney Failure; Essential Tremor; Tremor; Ewing's Sarcoma; Bone Neoplasm; Eye Neoplasm; Eye Diseases; Eye Infections; Eye Injuries; Eye Movement Disorders; Eyelid Disorders; Facial Disorders; Failure to Thrive; Growth Disorders; Fainting; Fallopian Tube Neoplasm; Ovarian Neoplasm; Falls; Familial Combined Hyperlipidemia; Familial Dysbetalipoproteinemia; Familial Hypercholesterolemia; Familial

Hypertriglyceridemia; Family History; Fanconi Anaemia; Aplastic Anaemia; Farmer's Lung; Interstitial Lung Diseases; Farsightedness; Refractive Errors; Fetal Alcohol Spectrum Disorders; Fatty Liver Disease; Fecal Impaction; Intestinal Obstruction; Female Infertility; Female Sexual Dysfunction; Infertility; Fetal Alcohol Spectrum Disorders; Fetal Alcohol Syndrome; Fibrocystic Breast Diseases; Breast Diseases; Fibroids; Uterine Fibroids; Fibromyalgia; Fifth Disease; Finger Injuries; Nail Diseases; Fistulas; Flea Bites; Bacterial Infections; Floater; Retinal Disorders; Flu; Folliculitis; Hair Problems; Food Allergy; Food Poisoning; Foodborne Illness; Foodborne Illness; Foot Injuries; Fractures; Fragile X Syndrome; FRAXA; Friedreich Ataxia; Frostbite; Frozen Shoulder; Shoulder Injuries; Fungal Infections; G6PD Deficiency; Gait Abnormalities; Walking Problems; Gallbladder Neoplasm; Gallbladder Diseases; Gallstones; Ganglion Cyst; Wrist Injuries; Gangrene; Gas Gangrene; Gastric Neoplasm; Stomach Neoplasm; Gastric Disorders; Stomach Disorders; Gastritis; Gastroenteritis; Gastroesophageal Reflux; GERD; Gastrointestinal Bleeding; Gastrointestinal Diseases; Digestive Diseases; Gastrointestinal Stromal Tumours; Intestinal Neoplasm; Gastroparesis; Stomach Disorders; Gaucher Disease; Generalized Anxiety Disorder; Genetic Brain Disorders; Genetic Disorders; Genetic Testing; Genital Herpes; Genital Warts; Geographic Tongue; Tongue Disorders; GERD; German Measles; Rubella; Gestational Diabetes; Gestational Hypertension; Gestational Trophoblastic Disease; GI Bleeding; Gastrointestinal Bleeding; Giant Cell Arteritis; Giardia Infections; Gilbert Disease; Liver Diseases; Glandular Fever; Infectious Mononucleosis; Glaucoma; Glioma; Brain Tumours; Glossitis; Glucose-6-phosphate Dehydrogenase Deficiency; G6PD Deficiency; Gluten Intolerance; Celiac Disease; Gluten Sensitivity; Gluten-Sensitive Enteropathy; Celiac Disease; Goiter; Thyroid Diseases; Gonorrhoea; Gout; Granulomatosis; Polyangiitis; Graves' Disease; Hyperthyroidism; Grippe; Flu; Growth Disorders; Guillain-Barre Syndrome; Gulf War Syndrome; Gum Disease; Gynecomastia; Breast Diseases; H. Pylori Infections; Helicobacter Pylori Infections; H1N1 Flu; Swine Flu; Haemophilus Infections; Hair Loss; Hair Problems; Hair Pulling; Hairy Cell Leukaemia; Leukaemia; Halitosis; Bad Breath; Hammer Toe; Toe Injuries; toe Disorders; Hand Injuries; Hand Disorders; Hand, Foot, and Mouth Disease; Viral Infections; Hansen's Disease; Mycobacterial Infections; Hantavirus Infections; Hardening of the Arteries; Atherosclerosis; Hashimoto's Disease; Hypothyroidism; Hay Fever; Head neoplasm; Neck Neoplasm; Head Injuries; Head Lice; Headache; Hearing Disorders; Deafness; Hearing Problems; Heart Attack; Heart Defects; Congenital Heart Defects; Heart Disease; Heart Diseases; Heart Failure; Heart Murmur; Heart Valve Diseases; Heart Valve Diseases; Heartburn; Heat Exhaustion; Heat Illness; Heel Injuries; heel Disorders; Helicobacter Pylori Infections; Hemangioma; Benign Tumours; Vascular Diseases; Haematologic Disorders; Blood Disorders; Haematoma; Haematuria; Hemiplegia see Paralysis; Haemochromatosis; Haemoglobin SS Disease; Sickle Cell Disease; Heemolytic Disease; Rh Incompatibility; Haemophilia; Haemorrhage see Bleeding; Haemorrhagic Fevers; Haemorrhagic Stroke; Haemorrhoids; Hepatic Diseases; Liver Diseases; Hepatitis; Hepatitis A; Hepatitis B; Hepatitis C; Hepatoblastoma; Liver Neoplasm; Hepatocellular Carcinoma; Hepatolenticular Degeneration; Wilson Disease; Hernia; Herniated Disk; Herpes Genitalis; Genital Herpes; Herpes Simplex; Herpes Zoster; Shingles; Cold Sores; Hiatal Hernia; Hib; Haemophilus Infections; Hidradenitis Suppurativa; High Blood Glucose; Hyperglycemia; High Blood Pressure; High Blood Sugar; Hyperglycemia; High Cholesterol; Hip Injuries; hip Disorders; Histoplasmosis; HIV; Hives; Hoarding; Obsessive-Compulsive Disorder; Hodgkin Lymphoma; Horner Syndrome; Autonomic Nervous System Disorders; Huntington's Disease; Hydrocephalus; Hydrophobia; Rabies; Hyperactivity; Attention Deficit Hyperactivity Disorder; Hypercalcemia; Hypercholesterolemia; Hypereosinophilic Syndrome; Eosinophilic Disorders; Hyperglycemia; Hyperhidrosis; Hyperkalemia; Hyperlipidemia; Hypermobility Syndrome; Ehlers-Danlos Syndrome; Hypernephroma; Kidney Neoplasm; Hyperopia; Refractive Errors; Hyperparathyroidism; Parathyroid Disorders; Hyperpigmentation; Skin Pigmentation Disorders; Hypersensitivity; Allergy; Hypertension; High Blood Pressure; Pulmonary Hypertension; Hyperthyroidism; Hypertriglyceridemia; Hypertrophic Scar; Hyperuricemia; Gout; Hypocalcemia;

Hypoglycemia; Hypokalemia; Hyponatremia; Hypoparathyroidism; Parathyroid Disorders; Hypopharyngeal Neoplasm; Throat Neoplasm; Hypopigmentation; Skin Pigmentation Disorders; Hypotension; Low Blood Pressure; Hypothermia; Hypothyroidism; IBS; Irritable Bowel Syndrome; Icterus; Jaundice; Immune System Disorders; Impacted Tooth; Tooth Disorders; Impetigo; Impotence; Erectile Dysfunction; Incontinence; Urinary Incontinence; Indigestion; Infantile Paralysis; Polio; Post-Polio Syndrome; Bacterial Infections; Urinary Tract Infections; Fungal Infections; Viral Infections; Infectious Arthritis; Infectious Diseases; Infectious Mononucleosis; Infertility; Female Infertility; Male Infertility; Inflammatory Bowel Disease; Crohn's Disease; Ulcerative Colitis; Influenza; Flu; Ingrown Nail; Nail Diseases; Inguinal Hernia; Hernia; Inhalation Injuries; Injuries; Wounds; Insect Bites; Insomnia; Insulin Resistance; Metabolic Syndrome; Prediabetes; Insulin-Dependent Diabetes Mellitus; Diabetes Type 1; Intermittent Claudication; Leg Injuries; leg Disorders; Peripheral Arterial Disease; Interstitial Cystitis; Interstitial Lung Diseases; Interstitial Pneumonitis; Intestinal Neoplasm; Intestinal Diseases; Colonic Diseases; Small Intestine Disorders; Intestinal Obstruction; Intestinal Volvulus; Intracranial Aneurysm; Brain Aneurysm; Cataract; Refractive Errors; Intraocular Melanoma; Eye Neoplasm; Melanoma; Intussusception; Intestinal Obstruction; Iron Deficiency Anaemia; Anaemia; Iron Overload Disease; Haemochromatosis; Irregular Heartbeat; Arrhythmia; Irritable Bowel Syndrome; Ischemic Stroke; Islet Cell Carcinoma; Pancreatic Neoplasm; Jakob-Creutzfeldt Disease; Creutzfeldt-Jakob Disease; Jaundice; Jaw Injuries; jaw Disorders; Jock Itch; Tinea Infections; Joint Disorders; Juvenile Arthritis; Juvenile Diabetes; Diabetes Type 1; Juvenile Rheumatoid Arthritis; Juvenile Arthritis; Kaposi Sarcoma; Kawasaki Disease; Keloids; Kernicterus; Jaundice; Kidney Neoplasm; Kidney Cysts; Kidney Diseases; Kidney Failure; Kidney Infections; Urinary Tract Infections; Kidney Stones; Klinefelter Syndrome; Knee Injuries; knee Disorders; Kyphosis; Spine Injuries; spine Disorders; Lacerations; Lactose Intolerance; Speech disorders; Communication Disorders; Laryngeal Neoplasm; Throat Neoplasm; Laryngitis; Throat Disorders; Voice Disorders; Laryngopharyngeal Neoplasm; Throat Neoplasm; Lassa Fever; Hemorrhagic Fevers; Latex Allergy; Lazy Eye; Amblyopia; Lead Poisoning; Learning Disabilities; Leg Cramps; Leg Injuries; leg Disorders; Muscle Cramps; Legg-Calve-Perthes Disease; Osteonecrosis; Legionnaires' Disease; Leprosy; Mycobacterial Infections; Leukaemia; Acute Lymphocytic Leukaemia; Acute Lymphocytic Leukaemia; Childhood Leukaemia; Chronic Lymphocytic Leukaemia; Acute Myeloid Leukaemia; Acute Myeloid Leukaemia; Acute Myeloid Leukaemia; Chronic Myeloid Leukaemia; Leukodystrophies; Lewy Body Dementia; Ligament Injuries; Limb Loss; Lipid Metabolism Disorders; Listeria Infections; Liver Neoplasm; Liver Cirrhosis; Cirrhosis; Liver Diseases; Lockjaw; Tetanus; Long COVID; Post-COVID Conditions; Lou Gehrig's Disease; Amyotrophic Lateral Sclerosis; Low Back Pain; Back Pain; Low Birth Weight; Low Blood Pressure; Low Blood Sugar; Hypoglycemia; Low Sperm Count; male Infertility; Low Vision; Vision Impairment; Blindness; Lumbago; Lung Neoplasm; Lung Diseases; Lupus; Lyme Disease; Lymphatic Diseases; Lymphatic Obstruction; Lymphedema; Lymphoma; Macular Degeneration; Mad Cow Disease; Creutzfeldt-Jakob Disease; Malabsorption Syndromes; Malaria; Male Breast Neoplasm; Male Genital Disorders; Penis Disorders; Testicular Disorders; Male Infertility; Malignancy; Neoplasm; Malnutrition; Mandibular Disorders; Manic-Depressive Illness; Bipolar Disorder; Maple Syrup Urine Disease; Genetic Brain Disorders; Marfan Syndrome; Maxillary Disorders; MCI; Mild Cognitive Impairment; MDS; Myelodysplastic Syndromes; Measles; Mediastinal Disorders; Chest Injuries; chest Disorders; Mediterranean Anaemia; Thalassemia; Melanoma; Memory; Meniere's Disease; Meningioma; Brain Tumours; Meningitis; Meningococcal Infections; Meningococemia; Meniscus; Mental Disorders; Mental Retardation; Developmental Disabilities; Merkel Cell Neoplasm; Skin Neoplasm; Mesothelioma; Metabolic Disorders; Metabolic Syndrome; Methicillin Resistant Staphylococcus Aureus; MRSA; Heart Attack; Micturition; Migraine; Mild Cognitive Impairment; Milk Allergy; Food Allergy; Milk Intolerance; Lactose Intolerance; Mini-Stroke; Transient Ischemic Attack; Miscarriage; Mitochondrial Diseases; Mitral Valve Prolapse; Mixed Connective Tissue Disease; Connective Tissue

Disorders; Molar Pregnancy; Molds; Moles; Molluscum Contagiosum; Skin Infections; Moniliasis; Yeast Infections; Monkeypox; Mono; Infectious Mononucleosis; Mononucleosis; Mood Disorders; Morphea; Scleroderma; Morton's Neuroma; Foot Injuries; foot Disorders; Mosquito Bites; Motion Sickness; Mouth Neoplasm; Oral Neoplasm; Mouth Disorders; Movement Disorders; Mpox; MRSA; MS; Multiple Sclerosis; Mucocutaneous Lymph Node Syndrome; Kawasaki Disease; Mucopolidoses; Metabolic Disorders; Mucopolysaccharidoses; Carbohydrate Metabolism Disorders; Multifocal Atrial Tachycardia; Arrhythmia; Multiple Endocrine Neoplasia; Endocrine Diseases; Parathyroid Disorders; Multiple Myeloma; Multiple Sclerosis; Multiple System Atrophy; Autonomic Nervous System Disorders; Mumps; Muscle Cramps; Muscle Disorders; Muscle Strain; Muscular Dystrophy; Myasthenia Gravis; Mycobacterial Infections; Mycoses; Fungal Infections; Myelodysplastic Syndromes; Myelomeningocele; Spina Bifida; Myeloproliferative Disorders; Bone Marrow Diseases; Myocardial Infarction; Heart Attack; Myopathies; Muscle Disorders; Myopia; Refractive Errors; Myositis; Nail Diseases; Narcissism; Personality Disorders; Narcolepsy; Sleep Disorders; Nasal Neoplasm; Nasal Disorders; Nose Injuries; nose Disorders; Nasopharyngeal Neoplasm; Throat Neoplasm; Nausea; Vomiting; Nearsightedness; Refractive Errors; Neck Injuries; neck Disorders; Necrotizing Fasciitis; Neoplasms; Neoplasm; Nephritis; Nephroblastoma; Wilms Tumour; Nephrolithiasis; Kidney Stones; Nerve Diseases; Neurologic Diseases; Nervous System Diseases; Neural Tube Defects; Neuroblastoma; Neurodegenerative Diseases; Degenerative Nerve Diseases; Neurofibromatosis; Neurogenic Bladder; Bladder Diseases; Neurologic Diseases; Acoustic Neuroma; Neuromuscular Disorders; Neuropathy; Diabetic Nerve Problems; Peripheral Nerve Disorders; Nevus; Moles; Niemann-Pick Disease; Genetic Brain Disorders; Night Terrors; Sleep Disorders; Non-Hodgkin Lymphoma; Non-Insulin Dependent Diabetes Mellitus; Diabetes Type 2; Non-Small Cell Lung Neoplasm; Lung Neoplasm; Nonalcoholic Fatty Liver Disease; Fatty Liver Disease; Nontropical Sprue; Celiac Disease; Norovirus Infections; Norwalk Virus Infections; Norovirus Infections; Nose Injuries; nose Disorders; Nosebleed; Nut Allergy; Food Allergy; Nystagmus; Eye Movement Disorders; Obesity; Obsessive-Compulsive Disorder; Occupational Health; OCD; Obsessive-Compulsive Disorder; Onychomycosis; Nail Diseases; Open Spine; Eye Diseases; Opioid Abuse; Opioid Misuse; opioid Addiction; Opioid Overdose; Opportunistic Infections; Optic Nerve Disorders; Oral Neoplasm; Oral Herpes; Cold Sores; Oropharyngeal Neoplasm; Throat Neoplasm; Orthostatic Hypotension; Autonomic Nervous System Disorders; Low Blood Pressure; Osteitis Deformans; Paget's Disease of Bone; Osteoarthritis; Osteogenesis Imperfecta; Osteomalacia; Vitamin D Deficiency; Osteomyelitis; Bone Infections; Osteonecrosis; Osteopenia; Osteoporosis; Osteosarcoma; Bone Neoplasm; Otitis Media see Ear Infections; Ovarian Neoplasm; Ovarian Cysts; Ovarian Disorders; Ovarian Insufficiency; Ovarian Disorders; Primary Ovarian Insufficiency; Overactive Bladder; Overactive Thyroid; Hyperthyroidism; Overweight; Obesity; PAD; Peripheral Arterial Disease; Paget's Disease of Bone; Paget's Disease of Breast; Breast Neoplasm; Abdominal Pain; Back Pain; Chest Pain; Chronic Pain; Painful Bladder Syndrome; Interstitial Cystitis; Pancreatic Neoplasm; Pancreatic Diseases; Pancreatitis; Panic Disorder; Paralysis; Paralysis Agitans; Parkinson's Disease; Paralytic Ileus; Intestinal Obstruction; Paranasal Sinus Neoplasm; Nasal Neoplasm; Paraplegia; Paralysis; Parasitic Diseases; Parathyroid Disorders; Parkinson's Disease; Paronychia; Parotid Gland Neoplasm; Salivary Gland Neoplasm; Parotid Gland Disorders; Salivary Gland Disorders; PCOS; Polycystic Ovary Syndrome; Peanut Allergy; Pelvic Floor Disorders; Pelvic Inflammatory Disease; Pelvic Pain; Hip Injuries; hip Disorders; Pemphigoid; Pemphigus; Pemphigus; Penile Disorders; Penis Disorders; Peptic Ulcer; Pericardial Disorders; Pericardial Effusion; Pericarditis; Period Pain; Periodontal Disease; Gum Disease; Peripheral Arterial Disease; Peripheral Nerve Disorders; Peritoneal Dialysis; Dialysis; Peritoneal Disorders; Peritonitis; Persistent Vegetative State; Coma; Personality Disorders; Pertussis; Whooping Cough; Pervasive Developmental Disorder; Autism Spectrum Disorder; Peyronie's Disease; Pfiesteria Infections; Phantom Limb; Limb Loss; Pharyngeal Neoplasm; Throat Neoplasm; Pharyngitis; Sore

Throat; Pharynx Disorders; Throat Disorders; Phenylketonuria; Pheochromocytoma; Phobias; Pica; Eating Disorders; PID; Pelvic Inflammatory Disease; Piles see Hemorrhoids; Pilonidal Cyst; Tailbone Disorders; Pimples; Acne; Pinguecula; Eye Diseases; Pink Eye; Pinworms; Pituitary Disorders; Pituitary Tumours; PKU; Phenylketonuria; Plague; Plantar Fasciitis; Plantar Warts; Warts; Atherosclerosis; Gum Disease; Tooth Decay; Plasma-cell Myeloma; Multiple Myeloma; Plasmacytoma; Platelet Disorders; Pleural Disorders; Pleural Effusion; Pleurisy; Plumbism; Lead Poisoning; PMS; Premenstrual Syndrome; Pneumococcal Infections; Pneumoconiosis; Interstitial Lung Diseases; Pneumocystis Infections; Pneumonia; Pneumonic Plague; Plague; Pneumothorax; Collapsed Lung; Poison Ivy; Poison Oak; Poison Sumac; Poisoning; Polio; Post-Polio Syndrome; Poliomyelitis; Pollen Allergy; Hay Fever; Polychondritis see Cartilage Disorders; Polycystic Kidney Disease; Kidney Cysts; Kidney Diseases; Polycystic Ovary Syndrome; Polymyalgia Rheumatica; Polymyositis; Myositis; Porphyria; Positional Plagiocephaly; Craniofacial Abnormalities; Post-COVID Conditions; Long COVID; Post-herpetic Neuralgia; Shingles; Post-Traumatic Stress Disorder; Lyme Disease Syndrome; Lyme Disease; Postpartum Depression; Postural Orthostatic Tachycardia Syndrome; Autonomic Nervous System Disorders; PPS; Prader-Willi Syndrome; Prediabetes; Preeclampsia; High Blood Pressure in Pregnancy; Pregnancy; Pregnancy Loss; Miscarriage; Stillbirth; Premature Ejaculation; Sexual Problems in Men; Premature Labor; Childbirth Problems; Preterm Labor; Premature Menopause; Premature Ovarian Failure; Primary Ovarian Insufficiency; Premenstrual Syndrome; Presbycusis; Hearing Disorders; Deafness; Presbyopia; Refractive Errors; Pressure Sores; Preterm Labor; Primary Ovarian Insufficiency; Primary Peritoneal Neoplasm; Ovarian Neoplasm; Primary Pulmonary Hypertension; Pulmonary Hypertension; Prion Diseases; Creutzfeldt-Jakob Disease; Degenerative Nerve Diseases; Proctitis; Rectal Disorders; Progeria; genetic Disorders; Progressive Supranuclear Palsy; Prolactinoma; Pituitary Tumours; Prostate Neoplasm; Prostate Diseases; Proteinuria; Pruritus; Itching; Pruritus Ani; Anal Disorders; Pseudogout; Gout; Psoriasis; Psoriatic Arthritis; Psychiatric Disorders; Mental Disorders; Psychological Stress; Stress; Psychotic Disorders; Ptosis; Eyelid Disorders; PTSD; Post-Traumatic Stress Disorder; Pubic Lice; Pulmonary Embolism; Pulmonary Emphysema; Emphysema; Pulmonary Fibrosis; Pulmonary Hypertension; PXE; Connective Tissue Disorders; Pyelonephritis; Urinary Tract Infections; Pyrexia; Fever; Q Fever; Bacterial Infections; Quadriplegia; Paralysis; Rabies; Rare Diseases; Rashes; Raynaud's Disease; Reactive Arthritis; Infectious Arthritis; Reading Problems; Learning Disabilities; Rectal Bleeding; Gastrointestinal Bleeding; Rectal Neoplasm; Colorectal Neoplasm; Rectal Disorders; Rectocele; Rectal Disorders; Reflex Sympathetic Dystrophy; Complex Regional Pain Syndrome; Reflux; Refractive Errors; Regional Enteritis; Regional Ileitis; Reiter's Syndrome; Infectious Arthritis; Renal Neoplasm; Kidney Neoplasm; Renal Dialysis; Dialysis; Renal Disease; Kidney Diseases; Renal Failure; Kidney Failure; Repetitive Motion Injuries; Respiratory Diseases; Lung Diseases; Respiratory Failure; Respiratory Syncytial Virus Infections; Restless Legs; Retinal Detachment; Retinal Disorders; Retinoblastoma; Eye Neoplasm; Rett Syndrome; Reye Syndrome; Rh Incompatibility; Rhabdomyolysis; Muscle Disorders; Rhabdomyosarcoma; Soft Tissue Sarcoma; Rheumatic Fever; Streptococcal Infections; Rheumatoid Arthritis; Rheumatoid Spondylitis; Ankylosing Spondylitis; Rib Injuries; Rickets; Ringworm; Tinea Infections; RLS; Restless Legs; Rocky Mountain Spotted Fever; Tick Bites; Tooth Disorders; Rosacea; Roseola; Viral Infections; Rotator Cuff Injuries; Rotavirus Infections; RSV Infections; Respiratory Syncytial Virus Infections; Rubella; Rubeola; Measles; Ruptured Disk; Herniated Disk; SAD; Seasonal Affective Disorder; Salivary Gland Neoplasm; Salivary Gland Disorders; Salmonella Infections; Sarcoidosis; Sarcoma; Bone Neoplasm; Soft Tissue Sarcoma; SCA; Sudden Cardiac Arrest; Scabies; Scapula Injuries; Scarlet Fever see Streptococcal Infections; Scars; Schizophrenia; School Health; Sciatica; SCID see Immune System and Disorders; Scleroderma; Scoliosis; Seasickness; Motion Sickness; Seasonal Affective Disorder; Seasonal Allergies; Seborrheic Dermatitis; Seizures; testicular Disorders; Seminoma; Testicular Neoplasm; Senility; Dementia; Sepsis; Septic Arthritis; Infectious Arthritis; Septic Shock; Sepsis; Shock; Septicemia; Severe Combined

Immunodeficiency; Immune System Disorders; Sexual Abuse; Sexual Problems; Sexually Transmitted Diseases; Shaken Baby Syndrome; Child Abuse; Shaking Palsy; Parkinson's Disease; Shellfish Allergy; Shingles; Shock; Shortness of Breath; Breathing Problems; Shoulder Dislocation; Dislocated Shoulder; Shoulder Impingement; Rotator Cuff Injuries; Shoulder Injuries; shoulder Disorders; Shy-Drager Syndrome; Autonomic Nervous System Disorders; Low Blood Pressure; Sickle Cell Anaemia; Sickle Cell Disease; SIDS; Sudden Infant Death Syndrome; Singultus; Hiccups; Sinus Neoplasm; Nasal Neoplasm; Sinus Infection; Sinusitis; Sjogren's Syndrome; Skin Neoplasm; Skin Conditions; Skin Infections; Skin Pigmentation Disorders; Skin Rash; Rashes; Skull Fractures; Head Injuries; Skull Injuries; SLE; Lupus; Sleep Apnea; Sleep Disorders; Sleep-disordered Breathing; Sleep Apnea; Slipped Disk; Herniated Disk; SMA; Spinal Muscular Atrophy; Small Cell Lung Neoplasm; Lung Neoplasm; Small Intestine Neoplasm; Intestinal Neoplasm; Small Intestine Disorders; Smallpox; Smelling Disorders; Inhalation Injuries; Snake Bites; Animal Bites; Social Anxiety Disorder; Phobias; Social Phobia; Soft Tissue Sarcoma; Sore Throat; South American Trypanosomiasis; Chagas Disease; Spasmodic Torticollis; Dystonia; Spasticity; Neuromuscular Disorders; Specific Learning Disorder; Learning Disabilities; Spider Bites; Spider Veins; Varicose Veins; Spina Bifida; Spinal Cord Diseases; Spinal Cord Injuries; Spinal Muscular Atrophy; Spinal Stenosis; Spine Injuries; spine Disorders; Spleen Diseases; Splenic Disease; Splenomegaly; Ankylosing Spondylitis; Spondylolisthesis; Spontaneous Abortion; Miscarriage; Sprains; Strains; Squint; Eye Movement Disorders; Stammering; Stuttering; Staphylococcal Infections; STD; Steele-Richardson-Olszewski Syndrome; Progressive Supranuclear Palsy; Stein-Leventhal Syndrome; Polycystic Ovary Syndrome; Sterility; Infertility; Still's Disease; Juvenile Arthritis; Stillbirth; Stomach Ache; Abdominal Pain; Stomach Disorders; Stomach Neoplasm; Stomach Disorders; Stomach Flu; Gastroenteritis; Stomach Ulcer; Peptic Ulcer; Strabismus; Strep Throat; Streptococcal Infections; Streptococcus Pneumoniae Infections; Pneumococcal Infections; Stress; Stress Incontinence; Urinary Incontinence; Stroke; Stuttering; Sty; Eyelid Disorders; Subarachnoid Hemorrhage; Hemorrhagic Stroke; Substance Abuse; Alcohol Use Disorder; Sudden Cardiac Arrest; Sudden Cardiac Death; Sudden Infant Death Syndrome; Sugar Diabetes; Diabetes; Diabetes Type 2; Suicide; Sunburn; Sunstroke; Heat Illness; Swallowing Disorders; Swelling; oEdema; Swimmer's Ear; Ear Infections; Swine Flu; H1N1 Flu; Swollen Glands; Lymphatic Diseases; Syncope; Fainting; Syndrome X; Angina; Metabolic Syndrome; Syphilis; Syringomyelia; Systemic Lupus Erythematosus; Lupus; Systemic Sclerosis; Scleroderma; TAA; Aortic Aneurysm; Tachycardia; Arrhythmia; Tachypnea; Breathing Problems; Tailbone Disorders; ; Tardive Dyskinesia; Movement Disorders; Tay-Sachs Disease; TB; Tuberculosis; TBI; Traumatic Brain Injury; Teen Depression; Tooth Disorders; Temporal Arteritis; Giant Cell Arteritis; Temporomandibular Joint Dysfunction; Tendinitis; Tennis Elbow; Elbow Injuries; elbow Disorders; Tension Headache; Headache; Testicular Neoplasm; Testicular Disorders; Tetanus; Thalassaemia; Dehydration; Thoracentesis; Pleural Disorders; Thoracic Aortic Aneurysm; Aortic Aneurysm; Thoracic Injuries; Thoracic Outlet Syndrome; Measles; Rubella; Throat Neoplasm; Throat Disorders; Thrombocytopenia; Platelet Disorders; Thrombophlebitis; Blood Clots; Thrush; Yeast Infections; Thumb Injuries; Finger Injuries; finger Disorders; Thymus Neoplasm; Thyroid Neoplasm; Thyroid Diseases; Thyrotoxicosis; Hyperthyroidism; TIA; Transient Ischemic Attack; Tic Douleureux; Trigeminal Neuralgia; Tick Bites; Tickborne Diseases; Tinea Infections; Tinea Pedis; Athlete's Foot; Tinnitus; TMD; Temporomandibular Joint Dysfunction; TMJ; Nail Diseases; Tongue Neoplasm; Oral Neoplasm; Tongue Disorders; Tonsillitis; Tooth Decay; Tooth Disorders; Torticollis; Dystonia; Tourette Syndrome; Toxemia; Toxic Shock Syndrome; Sepsis; Toxoplasmosis; Tracheal Disorders; Tracheal Disorders; Transient Ischemic Attack; Traumatic Brain Injury; Treacher-Collins Syndrome; Craniofacial Abnormalities; Tremor; Trichomoniasis; Trigeminal Neuralgia; Triglycerides; Trisomy 21; Down Syndrome; TSC; Tuberos Sclerosis; Tuberculosis; Tuberos Sclerosis; Tularemia; Tumour; Neoplasm; Tumours; ; Benign Tumours; Turner Syndrome; Type 1 Diabetes; Diabetes Type 1; Type II Diabetes; Diabetes Type 2; Typhoid Fever; Salmonella Infections; Leg Injuries; leg Disorders; Ulcerative Colitis;

Ulcers; Peptic Ulcer; Umbilical Hernia; Hernia; Underactive Thyroid; Hypothyroidism; Undescended Testicle; Testicular Disorders; Infection Control; Upset Stomach; Indigestion; Ureteral Neoplasm; Ureteral Disorders; Urinary Bladder Neoplasm; Bladder Neoplasm; Urinary Incontinence; Urinary Tract Infections; Urticaria; Hives; Usher Syndrome; Uterine bleeding; Vaginal Bleeding; Uterine Neoplasm; Uterine Cervix Disorders; Cervix Disorders; Uterine Diseases; Uterine Fibroids; Uterine Leiomyomata; Uterine Prolapse; Pelvic Floor Disorders; UTI; Urinary Tract Infections; Vaginal Bleeding; Vaginal Neoplasm; Vaginal Diseases; Vaginal Infections; Vaginal Yeast Infection; Vaginitis; Yeast Infections; Vaginismus; Sexual Problems; Vaginitis; Valley Fever; Valvular Heart Diseases; Heart Valve Diseases; Vancomycin-Resistant Enterococci; Antibiotic Resistance; Vancomycin-Resistant Staphylococcus aureus; Staphylococcal Infections; Varicella-Zoster Virus; Chickenpox; Varicose Veins; Vascular Diseases; Vascular Headache; Headache; Migraine; Vasculitis; Vasovagal Syncope; Fainting; vCJD; Creutzfeldt-Jakob Disease; Varicose Veins; Vascular Diseases; Venereal Disease; Sexually Transmitted Diseases; Venereal Warts; Genital Warts; Venous Thrombosis; Blood Clots; Deep Vein Thrombosis; Verruca see Warts; Vertigo; Dizziness; Vestibular Diseases; Meniere's Disease; Vestibular Schwannoma; Acoustic Neuroma; VHL; Von Hippel-Lindau Disease; Child Abuse; Elder Abuse; Intimate Partner Violence; Viral Hepatitis; Hepatitis; Viral Infections; Vision Impairment; Blindness; Vitamin D Deficiency; Vitiligo; VLDL Cholesterol; Vocal Cord Problems; Voice Disorders; Voicebox Disorders; Throat Disorders; Von Hippel-Lindau Disease; von Recklinghausen's Disease; Neurofibromatosis; von Willebrand's Disease; Platelet Disorders; VRE; Antibiotic Resistance; Vulvar Neoplasm; Vulvar Disorders; Vulvodynia; Vulvar Disorders; Waldenstrom's Macroglobulinemia see Lymphoma; Walking Pneumonia; Pneumonia; Walking Problems; Walleye; Eye Movement Disorders; Warts; Waterborne Diseases; Weariness; Fatigue; Wegener's Granulomatosis; Granulomatosis; Polyangiitis; West Nile Virus; Wheat Allergy; Food Allergy; Whiplash; Neck Injuries; neck Disorders; Whooping Cough; Wilms Tumour; Wilson Disease; Windpipe Disorders; Tracheal Disorders; WNV; West Nile Virus; Wounds; Injuries; Wrinkles; Skin Aging; Wrist Injuries; wrist Disorders; Xerostomia; Dry Mouth; Yeast Infections; Yellow Fever; Hemorrhagic Fevers; Yersinia Enterocolitica; Foodborne Illness; Zika Virus; Zits; Acne; Zoonoses

Table 3A-4 – Modified Symptom/Disease Phrases from Categorization Queries

(Note: Component categorization queries that constitute this list are found in the first row of the nineteen tables shown in Appendix 2. The asterisks and their locations are what was used in the Excel Advanced Filter)

* COLON *; * EAR *; * EYE *; * LIVER *; * LUNG *; * lymph *; * PAIN *; * RASH *; * SKIN *; * VENOUS *; * ABSENTEEISM*; * ACOUSTIC NEUROMA*; * ACUTE*; * ADDISON*; * ADENOID*; * ADENOMA*; * ADENOPATHY*; * ADRENAL*; * AGEUSIA*; * ALGIA*; * ALLERG*; * ALOPECIA*; * ALOPECIA*; * ALZHEIMER*; * ANAEMI*; * ANAPHYL*; * ANEMI*; * ANEURYSM*; * ANGIOEDEMA*; * ANOREXIA*; * anosmia*; * antilymphocyte*; * ANXIETY*; * APPENDICITIS*; * ARTERI*; * arteriovenous*; * ARTERY*; * ARTHRITIS*; * ARTHROPATH*; * ASCITES*; * ASTHMA*; * ASTROCYTOMA*; * AUDI*; * AUTIS*; * AUTOIMMUN*; * AZOOSPERMIA*; * BILIARY CHOLANGITIS*; * BIRTH DEFECT*; * BLADDER*; * BLASTOMA*; * BLEED*; * BLINDNESS*; * BLISTER*; * BLOOD*; * BOWEL*; * BRAIN*; * BREAKTHROUGH*; * BREATH*; * BRONCH*; * BULLOUS*; * BURSITIS*; * BURSITIS*; * CALLOSUM*; * CANCER*; * CARCINO*; * CARDI*; * CARPAL TUNNEL SYNDROME*; * CATAPLEX*; * CATAPLEXY*; * CELIAC*; * CELIAC*; * CEREBR*; * CERVICAL CANCER*; * CHOROID*; * CHRONIC*; * CIRRHOSIS*; * CLOT*; * COAGUL*; * COLITIS*; * CONGESTION*; * CONNECTIVE TISSUE DISORDERS*; * CONSTIPAT*;

CONVULSI; *COPD*; *CORNEA*; *CORONARY*; *CORTICAL*; *CRANIAL*; *CROHN*; *CROHN*; *CUSHING*; *CUTANEOUS*; *CYANOSIS*; *DEAD*; *DEAF*; *DEATH*; *DEFICIEN*; *DEMENT*; *DEPRESSION*; *DERM*; *DIABET*; *DIALYSIS*; *DIARRH*; *DIGESTive*; *DIPHTHERIA*; *DISABILIT*; *DISEASE*; *DISORDER*; *DIVERTICULITIS*; *DIZZINESS*; *DYNIA*; *DYSREGULAT*; *DYSTROPHY*; *ECZEMA*; *EDEMA*; *EMBOL*; *EMBOL*; *EMPHYSEMA*; *ENCEPH*; *ENDOMETRIOSIS*; *EOSINOPHILI*; *EPISTAXIS*; *EPITHELIOPATHY*; *ERUPT*; *ERYTHEMAE*; *ERYTHR*; *ESOPHAG*; *EUSTACHIAN TUBE DYSFUNCTION*; *FABRY*; *FAILURE*; *FATAL*; *FATIGUE*; *FEBRILE*; *FERTIL*; *FETAL DEATH*; *FEVER*; *FIBRILLATION*; *FIBRIN*; *FIBRODYSPLASIA*; *FIBROMYALGIA*; *FLUSHING*; *FRACTURE*; *GANGREN*; *GASTRINOMA*; *GENITAL*; *GLAND*; *GLIO*; *GLIOBLASTOMA*; *GOITER*; *GOITRE*; *GOUT*; *GRAVE*; *GUILLAIN*; *GUILLAIN*; *HAEMATURIA*; *HAEMO*; *haemolymph*; *HAEMORRHAG*; *HASHIMOTO*; *HEADACHE*; *HEARING LOSS*; *HEART*; *hematolymphopoietic*; *HEMATURIA*; *HEMOCHROMATOSIS*; *HEMOGLOBINURIA*; *HEMOL*; *hemolymph*; *HEMORRHAG*; *HEMORRHOID*; *HEPAT*; *HEPATITIS*; *HERPES*; *HIGH BLOOD PRESSURE*; *HISTAMINE*; *HODGKIN*; *HORMON*; *HOSPITALIS*; *HOSPITALIZ*; *HUNTINGTON*; *HYPERACUSIS*; *HYPERPLASIA*; *HYPERTENSION*; *IMMOBIL*; *IMMUNE DEFICIENCY*; *IMMUNE EVASION*; *IMMUNE SUPPRESSION*; *IMMUNE THROMBOCYTOPENIA*; *IMMUNE TOLERANCE*; *IMMUNOCOMPROMISED*; *IMMUNODEFICIENCY*; *IMMUNOPATHOLOGY*; *IMMUNOSUPPRESSIVE*; *IMPAIR*; *INFLAMM*; *INJUR*; *INTERSTITIAL CYSTITIS*; *ISCHEM*; *KIDNEY*; *LABYRINTHITIS*; *LEPROSY*; *LESION*; *LETHARG*; *LEUKAEMIA*; *LEUKAEMIA*; *LEUKEMIA*; *LEUKEMIA*; *LICHEN PLANUS*; *LICHEN*; *LIGURIA*; *LUPUS ERYTHEMATOSUS*; *LUPUS*; *LYME DISEASE*; *lymphadenopathy*; *lymphatic*; *lymphoblast*; *lymphoblastic*; *lymphoblastoid*; *lymphoblasts*; *lymphocytic*; *lymphodepletion*; *lymphohematopoietic*; *lymphoid*; *lymphokine*; *lymphokines*; *LYMPHOMA*; *lymphomas*; *lymphopoiesis*; *lymphopoietic*; *lymphopoietin*; *lymphoproliferation*; *lymphoproliferative*; *lymphotoxin*; *MACULA*; *MALIGNAN*; *MANIA*; *MARROW*; *MASTOCYTOSIS*; *MEASLES*; *MELANOMA*; *MELANOMA*; *MEMORY*; *MENIERE*; *MENING*; *MENOPAUS*; *MENSTRU*; *METABOL*; *METASTA*; *MICROHEMATURIA*; *MIS-C*; *MISCARRIAG*; *MONONUCLEOSIS*; *MORBIDITY*; *MOTOR*; *MULTIPLE SCLEROSIS*; *MULTIPLE SCLEROSIS*; *MULTISYSTEM INFLAMMATORY SYNDROME*; *MUMPS*; *MUSCLE*; *MUSCULAR DYSTROPHY*; *MYASTHENIA GRAVIS*; *MYASTHENIA*; *MYDRIASIS*; *MYELITIS*; *MYOPIA*; *MYOSITIS*; *NARCOLEP*; *NAUSEA*; *NEONATAL DEATH*; *NEOPLAS*; *NEPHRI*; *NEPHRO*; *NERV*; *NEURA*; *NEURI*; *NEURO*; *NOCTURNAL HEMOGLOBINURIA*; *NOSEBLEED*; *NUMBNESS*; *OBESE*; *OBESITY*; *OCCLU*; *OCULAR*; *OCULO*; *OLIGOSPERMIA*; *OPHTHAL*; *OPTIC*; *ORRHEA*; *OSTEO*; *OTITIS*; *OVARI*; *PAGET*; *PALSY*; *PANCREA*; *PANCREATITIS*; *PARALY*; *PARKINSON*; *PATHOGENICITY*; *PATHOLOGIC*; *PEMPHIGOID*; *PEMPHIGUS*; *perivenous*; *PERTHES*; *PERTUSSIS*; *PHARYNGITIS*; *PHOTOP*; *PITUITARY*; *PITYRIASIS*; *PLATELET*; *PNEUMONIA*; *POLYANGIITIS*; *POLYCYSTIC OVARIAN SYNDROME*; *POLYCYSTIC OVARY SYNDROME*; *POLYMYALGIA*; *PORPHYRIA*; *PRESYNCOPE*; *PROSTAT*; *PROTEINURIA*; *PRURIT*; *PSORIA*; *PSORIA*; *PSYCHIATRIC*; *PSYCHOLOGIC*; *PSYCHOSIS*; *PSYCHOSOCIAL*; *PTOSIS*; *PULMONARY*; *PURPUR*; *PUSTUL*; *RAYNAUD*; *REACTIVAT*; *REACTOGENICITY*; *RECTAL*; *REJECTION*; *RENAL DISEASE*; *RENAL TRANSPLANT*; *RESPIRATORY*; *RETIN*; *RHABDOMYOLYSIS*; *RHEUMAT*; *RHEUMAT*; *RHINITIS*; *ROTATOR CUFF*; *SARCOIDOSIS*; *SARCOMA*; *SCHIZOPHRENI*; *SCLERITIS*; *SCLEROSIS*; *SEIZURE*; *SENSORINEURAL HEARING LOSS*; *SHOULDER*; *SICKNESS*; *SJOGREN*; *SKELET*; *SPINAL*; *SPLEEN*; *SPLEEN*; *SPONDYL*; *STEATOSIS*; *STILLBIRTH*; *STOMACH*; *STROKE*; *SURGERY*; *SURGICAL*; *SWEET SYNDROME*; *SWELLING*; *SYNDROME*; *SYNOVI*; *TACHY*; *TAKOTSUBO*; *TENDON*; *TETANUS*; *THALAM*; *THROMB*; *THROMBOSIS*; *THYMUS*; *THYROID*; *TINNITUS*;

TISSUE; *TONSIL*; *TOOTHACHE*; *TRACHE*; *TRANSFUSION*; *TRANSPLANT*; *TRANSVERSE MYELITIS*; *TREMOR*; *TROPONIN*; *TUBERCULOSIS*; *TUMOR*; *TUMOUR*; *TURNER*; *TWITCH*; *TYPE 1 DIABETES*; *TYPHOID*; *TYPHUS*; *ULCER*; *ULCERATIVE COLITIS*; *URINARY*; *URTICARIA*; *URTICARIA*; *UTERINE CANCER*; *UTERINE FIBROIDS*; *UVEITIS*; *UVEITIS*; *VAGINAL CANCER*; *VASCUL*; *VASCULITIS*; *VASO*; *VEIN*; *venovenous*; *VERTIGO*; *VESSEL*; *VESTIBULAR*; *VISUAL ACUITY*; *VOMIT*; *VULVAR CANCER*; *WEAKNESS*; *WEAKNESS*; *WHEEZ*; *WHITE DOT SYNDROME*; colon; EAR; EYE; LIVER; LUNG; LYMPH; PAIN; RASH; SKIN;

Table 3A-5 – Final List of Symptoms/Diseases in the 50,000+ Record Database

(Note: INC FREQ is the Incidence Frequency of the phrase, which represents the number of times the phrase appears in the following Pubmed fields of the total database (Title, Abstract, Substances, MeSH terms)

SYMPTOM/DISEASE	INC FREQ
cancer	2320
tumor	1912
injury	1799
poisoning	1757
death	1573
inflammatory	1420
carcinogens	1348
inflammation	793
lesions	640
carcinogenic	549
hypoxia	522
anemia	497
tumors	470
parkinsons	432
neurotoxicity	383
diabetes	344
carcinogenesis	341
hepatotoxicity	333
carcinoma	328
neoplasm	313
lymphoma	312
carcinogen	312
cancers	294
leukemia	291
ischemia	289
edema	284
carcinogenicity	272
hepatoma	272

allergens	259
diabetic	244
neurotoxins	240
hernia	235
neurodegenerative	225
fatal	222
immunosuppressive	222
neurotoxic	213
allergic	213
lesion	211
malignant	204
als	203
suicide	201
deaths	198
swelling	197
hepatocellular	183
hypertension	180
depression	179
fertility	178
hyperplasia	175
pain	173
obesity	173
ischemic	171
hypoplasia	169
alzheimers	150
hypoxic	148
endometriosis	147
tumour	146
hepatitis	143
sarcoma	141
arthritis	135
nephrotoxicity	135
neuroblastoma	133
hypertrophy	131
neurodegeneration	128
myeloma	128
stroke	125
anaemia	125
injuries	123
thromboxane	121
atherosclerosis	118
hyperthermia	117
dermatitis	116
autoimmune	116

transplantation	114
metabolomic	107
morbidity	107
hodgkins	107
hiv	107
allergen	102
porphyria	102
hepatotoxic	101
melanoma	100
anemic	99
cystitis	99
hypoplastic	97
dead	96
poisonings	95
asthma	93
tuberculosis	89
nephropathy	89
hypersensitivity	89
neuropathy	88
rheumatoid	85
malaria	84
neoplasms	78
proinflammatory	78
allergy	78
hemorrhagic	77
sclerosis	73
carcinomas	73
tumours	72
hemorrhage	72
glioma	72
transfusion	72
coagulation	70
neurotoxin	69
hemolysis	69
anxiety	68
seizures	68
ferroptosis	67
hyperpolarization	67
tumorigenesis	66
influenza	66
sarcomas	66
pertussis	66
oncorhynchus	65
pathologic	62

adenocarcinoma	62
metastasis	61
hyperoxia	60
transplanted	59
neoplastic	59
hodgkin	58
cardiotoxicity	56
parkinsonism	55
vasoconstriction	53
diarrhea	53
adenomas	53
hypothyroidism	53
hydronephrosis	53
coma	52
infertility	52
obese	52
parkinson	51
autism	51
epilepsy	50
copd	50
fatigue	50
hyperactivity	50
pathologies	49
metaplasia	49
diphtheria	48
hepatocarcinogenesis	48
fatality	47
occlusion	47
pneumoniae	47
hypolipidemic	47
vomiting	46
uremia	46
parkinsonian	46
preneoplastic	46
neuroinflammation	45
malignancies	45
trichoderma	45
microcystis	45
immunodeficiency	45
dysplasia	45
fever	44
dementia	44
seizure	44
burns	44

hypotension	43
cardiomyopathy	42
lymphomas	42
hypothermia	42
hypersensitive	41
tumorigenic	41
purpura	41
reactivation	41
tetanus	41
dysbiosis	40
congestion	40
rhinitis	40
oedema	40
hypothyroid	40
suicides	39
hepatectomy	39
cholera	39
ulcer	38
carcinoembryonic	38
herpes	38
retinoblastoma	38
fatalities	37
ataxia	37
adenoma	37
cirrhosis	36
convulsions	36
bleeding	36
encephalopathy	36
hypertensive	35
haemoperfusion	35
neurotoxicants	34
emphysema	34
pneumonia	32
disability	32
bradycardia	32
leukaemia	32
psoriasis	31
metastatic	31
mesencephalic	31
hyperplastic	31
lupus	30
vitiligo	30
colitis	30
nephrotoxic	30

fracture	29
nausea	29
hepatotoxins	29
thyroidectomized	29
malignancy	28
pots	28
twitch	28
steatosis	27
glioblastoma	27
headache	27
transplant	27
retinopathy	27
haemophilus	27
osteosarcoma	26
arrhythmia	26
methemoglobinemia	26
encephalomyelitis	26
ulceration	25
hypospadias	25
tachycardia	25
hernias	25
glomerulonephritis	24
pneumonitis	24
polyneuropathy	24
sepsis	24
artemia	23
measles	23
allergenicity	23
thyroidectomy	23
allergenic	23
hyperglycemia	22
thrombosis	22
flu	22
myopathy	22
weakness	22
acne	22
schistosomiasis	21
paralysis	21
dehydration	21
sterility	21
anaphylaxis	21
neoplasia	21
urticaria	21
metabolisms	20

wheeze	20
candidiasis	20
pancreatitis	20
hepatotoxin	20
hypophagia	20
ulcerative	19
cardiotoxic	19
constipation	19
clotting	19
fibrillation	19
hepatotoxicants	19
hemochromatosis	19
haemorrhagic	18
metastases	18
ulcers	18
infertile	18
influenzae	18
anaphylactic	18
reactivated	18
hepatocarcinogen	18
anaphylatoxin	18
dizziness	17
osteoarthritis	17
arrhythmias	17
neurotoxicant	17
hypersecretion	17
vasculitis	17
hyperalgesia	17
cryptorchidism	17
clot	17
anaemic	17
alveolitis	17
ischaemia	17
hypoactivity	16
hypoglycemia	16
hypercholesterolemia	16
nephritis	16
hyperglycemic	16
hypotensive	16
tremor	16
synechocystis	16
xeroderma	16
transfusions	16
allergies	16

hypertrophic	16
hyperkeratosis	16
herpesvirus	16
thalassemia	16
coagulopathy	15
hormonally	15
cmv	15
hyperpigmentation	15
gliomas	15
asthmatic	15
cancerous	15
hemorrhages	15
vagotomy	15
hypoxemia	15
dengue	15
pyroptosis	14
alzheimer	14
shaking	14
allelopathy	14
thrombotic	14
rhabdomyolysis	14
autoimmunity	14
stenosis	14
dystrophy	14
choriocarcinoma	14
eruption	14
lesioned	14
anthrax	14
leukemias	14
neuropathic	13
necroptosis	13
pheochromocytoma	13
osteoporosis	13
painful	13
dyslipidemia	13
nephrectomy	13
hematuria	13
esophagitis	13
miscarriage	13
dyspnea	13
sclerotia	13
meningitis	13
scar	13
parahaemolyticus	13

periodontitis	13
hypothermic	13
tremors	12
diabetics	12
hepatocarcinoma	12
allodynia	12
tumoricidal	12
cardiotoxin	12
arthritic	12
encephalitis	12
mesothelioma	12
crohns	12
bronchitis	12
hyperoxic	12
tumorigenicity	12
comorbidity	11
hepatomegaly	11
hyperlipidemia	11
celiac	11
gastritis	11
diarrhoea	11
angina	11
hyperphosphorylation	11
glaucoma	11
hyperthyroidism	11
warts	11
haemorrhage	11
karyomegaly	11
dyskinesias	11
cholerae	11
giardiasis	11
thromboxanes	11
anorexia	10
glycemia	10
conjunctivitis	10
fibrosarcoma	10
steatohepatitis	10
neuroinflammatory	10
overweight	10
synucleinopathy	10
erythrocytosis	10
dysphagia	10
hyperosmotic	10
disabilities	10

schizophrenia	10
hypermetabolic	10
hepatocarcinogenic	10
eosinophilia	10
hepatocarcinogens	10
hyperuricemia	10
ovariectomy	10
diabetogenic	10
hypertrophied	10
hepatotoxicant	10
adenocarcinomas	10
anemias	10
proteinuria	9
hyperactivation	9
weaknesses	9
mucositis	9
jaundice	9
hypometabolism	9
lymphotxin	9
retinitis	9
insomnia	9
sarcoidosis	9
hyperemia	9
hyperpolarized	9
hermaphroditism	9
skeletonema	9
mumps	9
hypermetabolism	9
gliosis	9
cocarcinogen	9
angiosarcoma	9
cholangiocarcinoma	9
alopecia	9
anaphylatoxins	9
hepatomas	9
psoriatics	9
eczema	8
osteopenia	8
hypochromic	8
gastrectomy	8
lethargy	8
hypertriglyceridemia	8
craniosynostosis	8
hyperphagia	8

uraemia	8
pre-malignant	8
immunodeficient	8
cataracts	8
urticarial	8
hemangiomas	8
procarcinogens	8
heatstroke	8
chondrosarcoma	8
hydropenia	8
neurotoxicology	7
aneurysm	7
fractures	7
pruritus	7
autistic	7
miscarriages	7
rash	7
nephrosis	7
hyperventilation	7
hypomyelination	7
abscesses	7
tachypnea	7
achalasia	7
edemas	7
tachycineta	7
dyspnoea	7
castration	7
scarring	7
hyperproliferation	7
zoster	7
prostatectomy	7
hyperglycaemia	7
hypomorphic	7
dyskinetic	7
encephalomyocarditis	7
reinnervation	7
thrombus	7
lymphopoiesis	7
hyperreactivity	7
cocarcinogenic	7
hospitalizations	7
scleroderma	7
cardioplegic	7
hemangiosarcomas	7

cardiotoxins	7
dwarfism	7
dyshomeostasis	6
tumorous	6
neuritogenesis	6
bronchiectasis	6
neurotoxicological	6
headaches	6
cavities	6
wheezing	6
neuropathology	6
hypermethylation	6
astrocytoma	6
hyperactivated	6
eremias	6
myelodysplastic	6
myopathies	6
neuropathies	6
scoliosis	6
arseniasis	6
photoallergic	6
hyperglycaemic	6
brachypoda	6
prostatitis	6
splenomegaly	6
bronchopneumonia	6
chlamydia	6
hypokalemia	6
hepatocarcinogenicity	6
cretinism	6
hypercontraction	6
vasospasm	6
tachykinins	6
glomerulosclerosis	6
silicosis	6
tachypnoea	6
atelectasis	6
uroporphyrin	6
hyperparathyroidism	6
parapsoriasis	6
incontinence	6
tumoral	6
meningitidis	6
erythroleukemia	6

hypochondrogenesis	6
pheochromocytomas	6
cataractogenic	6
rabies	6
cocarcinogens	6
scars	6
calluses	5
preeclampsia	5
hyperinsulinemia	5
psoriatic	5
hortensis	5
anuria	5
migraine	5
fractured	5
hypcholesterolemia	5
herniation	5
laparotomy	5
hypercapnia	5
mastitis	5
blindness	5
ganoderma	5
neuropathologic	5
hepatoblastoma	5
methaemoglobinaemia	5
purpura	5
rubella	5
thyroiditis	5
pruritic	5
prediabetic	5
pneumocystis	5
nosebleeds	5
stillbirth	5
hyperdiploidy	5
schwannoma	5
eryptosis	5
coagulated	5
pyrexia	5
gastroenteritis	5
neurolathyrism	5
nephrotoxicant	5
bronchoconstriction	5
gonorrhoeae	5
aplasia	5
febrile	5

hepatopathy	5
exencephaly	5
neurona	5
osteoarthritic	5
keratoderma	5
thalassaemia	5
neuroleptic	5
fatigued	5
hypocalcemia	5
neuromas	5
aciduria	5
uveoretinitis	5
thrombocytopenia	5
clots	5
hyperimmune	5
haemagglutination	5
encephalomalacia	5
cardiogenesis	4
hypoactive	4
scaptotrigona	4
goiters	4
melitensis	4
hyperammonemia	4
deadly	4
hyperkalemia	4
oliguria	4
hospitalised	4
thromboembolic	4
hyperlipidemic	4
cheilitis	4
enteritis	4
cholangitis	4
albuminuria	4
hyperthyroid	4
hypersaline	4
neuralgia	4
enterocolitis	4
hyperpyrexia	4
diarrheal	4
hemoglobinuria	4
hyperproliferative	4
dysphonia	4
hypomyelinating	4
tracheitis	4

hyperplasias	4
hyperosmolar	4
hypothyroxinemia	4
hypocalcemic	4
osteodystrophy	4
hypercalcemia	4
hyperpolarizations	4
hyperkeratinization	4
neuritis	4
spondylitis	4
metabolsim	4
hypoproteinemia	3
hyposmotic	3
hypoalbuminemia	3
hyperphosphatemia	3
hyperinflammatory	3
hyperuricemic	3
neurohypophysis	3
hyperkeratotic	3
hypersalinity	3
lymphadenopathy	3
pleuritis	3
hypophosphataemia	3
peritonitis	3
hypertyrosinemia	3
hypocholesterolemic	3
stomatitis	3
hyposmotic	3
hyperalgesic	3
urethritis	3
hyperphosphorylated	3
hemorrhaging	3
dysmenorrhea	3
dyskinesia	3
hypometabolic	3
dystrophies	3
hypercontracture	3
hyperdiploid	3
dysmorphogenic	3
endometritis	3
cervicitis	3
chondrodysplasias	3
hypoinsulinemia	3
bitis	3

hyperferremia	3
hyperlipemia	3
osteochondrodysplasias	3
hyperammonemic	3
amenorrhea	3
hypolipidemia	3
oxidative stress	2992
lipid peroxidation	1213
paraquat poisoning	606
parkinsons disease	412
iron deficiency	377
breast cancer	374
lung injury	328
thyroid hormones	262
pulmonary fibrosis	258
thyroid hormone	257
diaphragmatic hernia	221
lung cancer	164
liver injury	157
prostate cancer	150
kidney disease	137
alzheimers disease	121
cleft palate	108
parathyroid hormone	102
cell injury	101
kidney injury	84
pulmonary hypoplasia	84
neurodegenerative diseases	83
platelet aggregation	81
ischemia reperfusion	80
hodgkins lymphoma	75
lymph node	74
birth defects	72
cardiovascular disease	70
diabetes mellitus	64
bladder cancer	64
respiratory distress	59
rheumatoid arthritis	56
hodgkin lymphoma	51
pulmonary edema	51
lung hypoplasia	51
liver fibrosis	51
oxidative injury	50
hepatocellular carcinoma	49

lung fibrosis	49
reperfusion injury	48
metabolic syndrome	48
metabolic stress	48
heart disease	46
tumor growth	46
mycobacterium tuberculosis	45
neurodegenerative disorders	44
arterial pressure	44
liver disease	44
colon cancer	43
peripheral neuropathy	43
pulmonary hypertension	43
cystic fibrosis	42
renal injury	42
liver tumors	42
glioma cells	41
hypoplastic lungs	41
clostridium difficile	40
pancreatic cancer	40
renal disease	40
hemorrhagic cystitis	38
tissue sarcomas	38
cell lymphoma	38
iron overload	37
paraquat carcinogens	37
malignant hyperthermia	36
lateral sclerosis	35
pseudomonas putida	35
neurological disorders	35
cardiovascular diseases	35
parkinson disease	34
mammary tumors	34
diquat poisoning	34
metabolic acidosis	34
neurite outgrowth	33
melanoma cells	33
fibrinogen degradation	33
vascular permeability	33
tumor promoter	33
brain injury	33
tissue injury	33
arsenic carcinogenesis	33
neurodegenerative disorder	32

diabetic nephropathy	32
pulmonary disease	32
hepatic injury	32
ovarian cancer	31
lymphoma cells	31
selenium deficient	31
lipid accumulation	31
lung growth	31
herpes simplex	30
microcystis aeruginosa	30
multiple myeloma	30
lipid peroxide	30
cholera toxin	29
myocardial infarction	29
gastric cancer	29
pancreatic acinar	29
inflammatory mediators	29
liver cancer	29
chemical carcinogens	29
autoimmune diseases	28
squamous metaplasia	28
mammary tumor	28
neuronal death	28
multiple sclerosis	28
chronic inflammation	28
lung diseases	28
chronic diseases	27
lipid oxidation	27
environmental stressors	27
ischemic stroke	26
neurodegenerative disease	26
neuronal apoptosis	26
blood transfusion	26
liver regeneration	26
bowel disease	24
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